APPENDIX M
WATER QUALITY TREND GRAPHS

APPENDIX N – WATER QUALITY TRENDS

METHODS AND APPROACH

A statistical trend analysis of the data was performed using the Mann-Kendall method when the well had more than five samples for a given element. This method is a nonparametric (for example, does not assume a distribution in the data) test for identifying trends in time-series data. The Mann-Kendall test for trend detection assumes that the sample data are serially independent since the presence of positive serial correlation increases the probability that the Mann-Kendall test detects trend even though no such trend exists. The accepted approach is to remove the serial correlation from the time series before application of the test. This process is called the pre-whitening (Zhang et al. 2001; Burn and Elnur 2002). After removing the effect of serial correlation from the respective time series by pre-whitening, the Mann-Kendall test compares the relative magnitudes of sample data rather than the data values themselves. The initial value of the Mann-Kendall statistic, S, was assumed to be 0 (that is, no trend). If a concentration from a later sampling event is higher than a concentration from an earlier sampling event, S is incremented by 1. Conversely, if the concentration from a later sampling event is lower than a concentration sampled earlier, S is decremented by 1. Then the Mann-Kendall statistic (S) is given by

$$S = \sum_{k=1}^{n-1} \sum_{j=k+1}^{n} Sign(x_j - x_k)$$

Where:

$$Sign(x_j - x_k) = 1, if\ x_j - x_k > 0$$

$$= 0, if\ x_j - x_k = 0$$

$$= -1, if\ x_j - x_k < 0$$

The net result of all such increments and decrements yields the final value of S. A very high positive value of S is an indicator of an increasing trend, and a very low negative value indicates a decreasing trend. However, it is necessary to compute the probability associated with S and the sample size, n, to statistically quantify the significance of the trend. Kendall (1975) describes a normal-approximation test statistic Z as follows:

$$Z = \frac{S-1}{[VAR(S)]^{\frac{1}{2}}} \; if \; S > 0$$

$$= 0, if \; S = 0$$

$$= \frac{S-1}{[VAR(S)]^{\frac{1}{2}}} \; if \; S < 0$$

Probability value (P) is then computed with the normalized test statistic Z. The probability density function for a normal distribution with a mean of 0 and a standard deviation of 1 is given by the following equation:

$$f(z) = \frac{1}{\sqrt{2\pi}} e^{\frac{z^2}{2}}$$

A P-value less than 0.05 (typically ≤ 0.05) is statistically significant. It indicates strong evidence against the null hypothesis (If the null hypothesis is true, the results are random). The trend is said to be decreasing if Z is negative and the computed probability P is less than the level of significance. The trend is said to be increasing if the Z is positive and the computed probability is less than the level of significance. If the computed probability is greater than the level of significance, there is no trend.

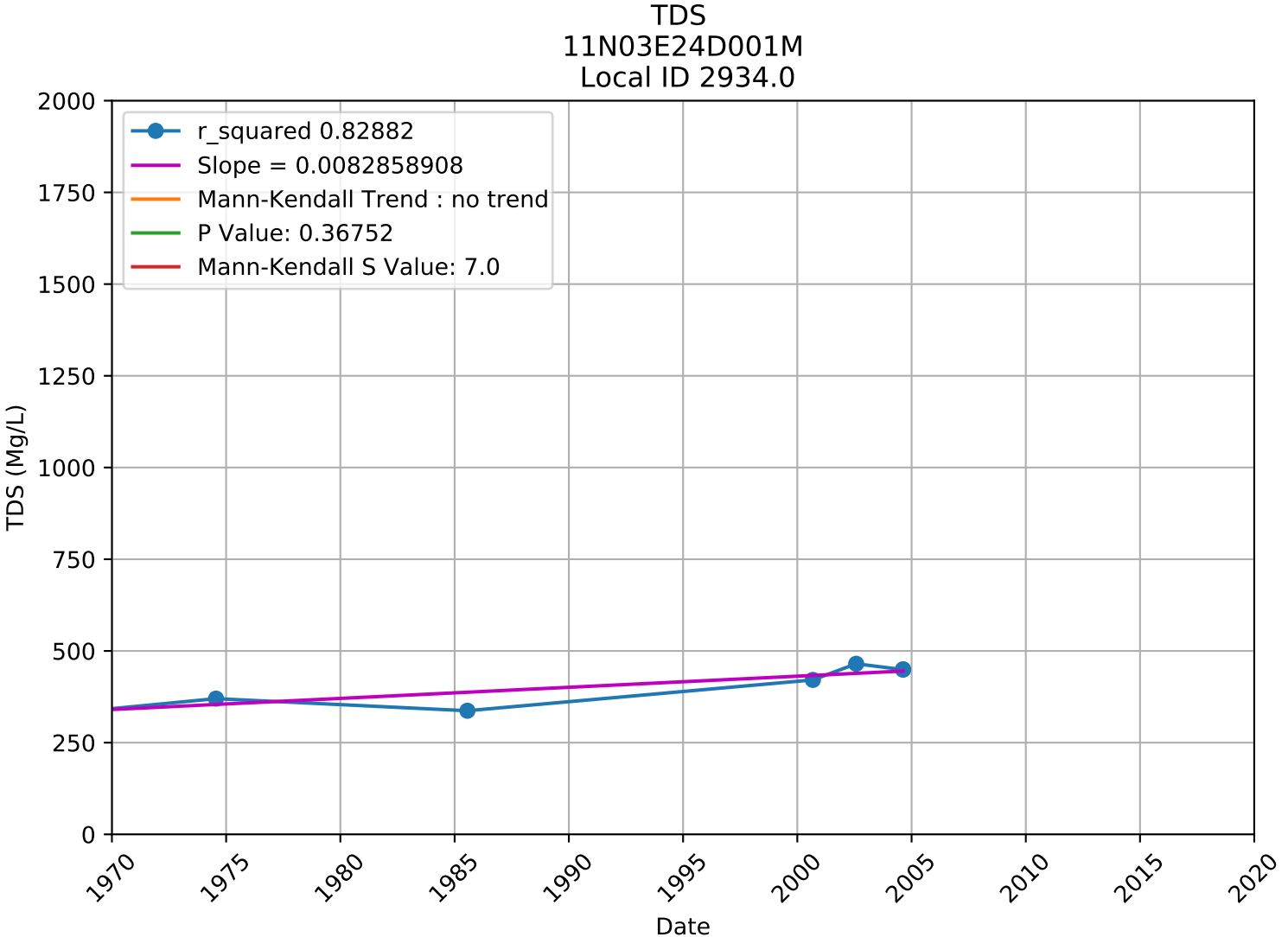
Total Dissolved Solids

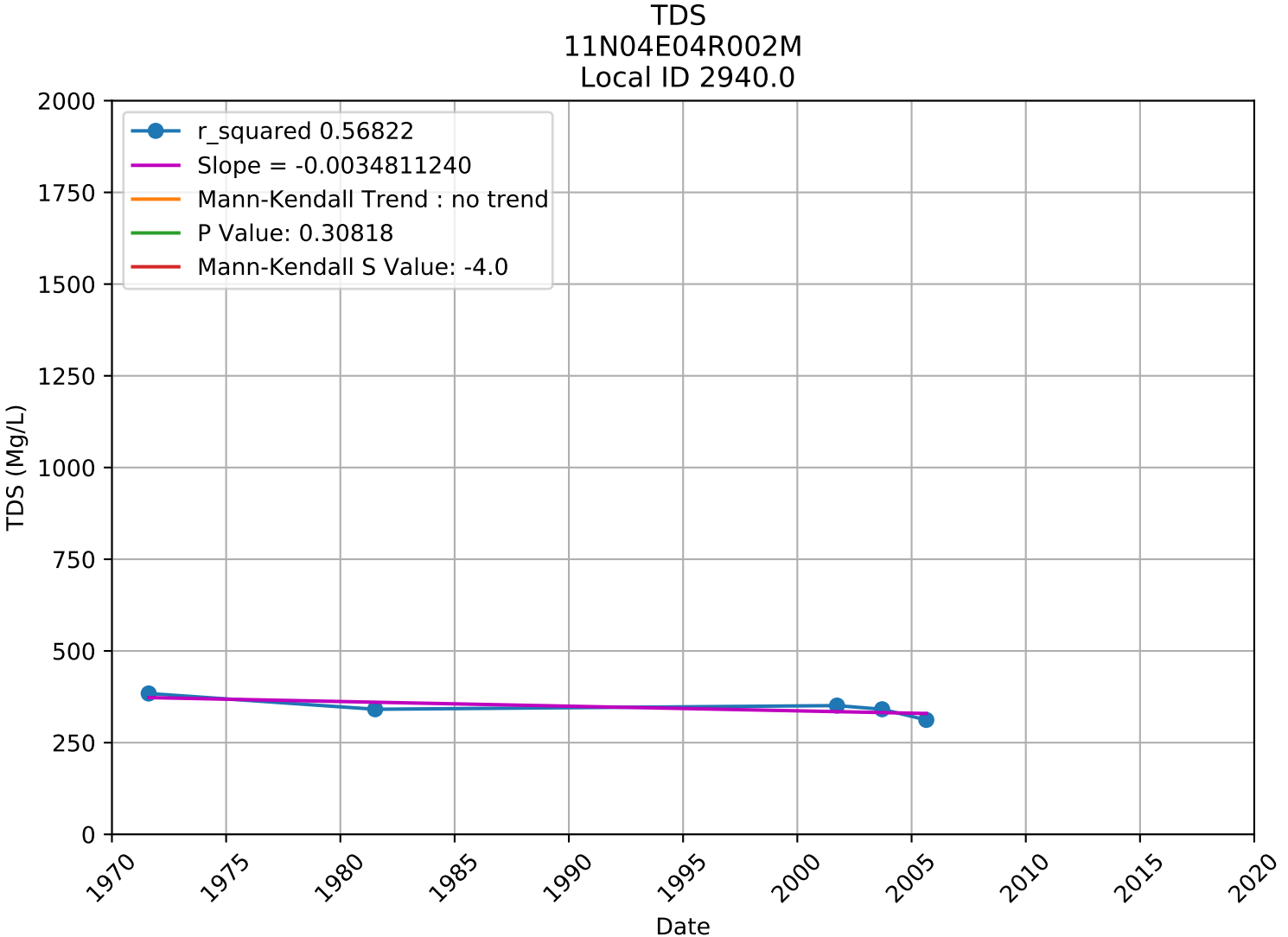
Local_ID	Well_Info_ID	chemical	h	p	s	tau	trend	var_s	z	datemin	datemax	Latitude_NAD83	Longitude_NAD83
2934	11N03E24D001M	TDS	FALSE	0.368	7	0.333	no trend	44.3	0.9	7/21/1964	8/18/2004	38.7906	-121.5973
2940	11N04E04R002M	TDS	FALSE	0.308	-4	-0.667	no trend	8.7	-1.02	8/12/1971	8/24/2005	38.8255	-121.5259
2957	11N04E23P002M	TDS	FALSE	0.133	9	0.6	no trend	28.3	1.5	4/15/1965	8/18/2004	38.7837	-121.4982
2943	11N04E35J001M	TDS	FALSE	0.308	4	0.667	no trend	8.7	1.02	8/13/1971	8/24/2005	38.7556	-121.4898
2083	11N06E17D001M	TDS	TRUE	0.001	584	0.281	increasing	31200	3.3	5/5/2004	3/26/2008	38.8064	-121.3353
2081	11N06E17D002M	TDS	FALSE	0.111	-363	-0.124	no trend	51691.7	-1.59	5/6/2004	3/26/2008	38.8027	-121.3384
2080	11N06E17D003M	TDS	FALSE	0.623	65	0.047	no trend	16994.3	0.49	5/5/2004	3/26/2008	38.8059	-121.3358
2082	11N06E17E001M	TDS	TRUE	0	564	0.353	increasing	21102.7	3.88	5/5/2004	3/26/2008	38.8058	-121.3354
2953	12N03E26R001M	TDS	FALSE	0.707	3	0.2	no trend	28.3	0.38	6/13/1963	8/18/2004	38.8533	-121.5991
2967	12N04E05R005M	TDS	FALSE	0.26	7	0.467	no trend	28.3	1.13	8/25/1970	8/18/2004	38.9114	-121.5447
2956	12N04E25N001M	TDS	FALSE	0.707	3	0.2	no trend	28.3	0.38	6/12/1969	8/25/2005	38.8546	-121.4859
2059	3100538-001	TDS	FALSE	0.089	6	1	no trend	8.7	1.7	3/18/2004	3/23/2018	38.7505	-121.321972
2057	3110004-002	TDS	FALSE	0.133	-9	-0.6	no trend	28.3	-1.5	4/24/2001	1/15/2015	38.868006	-121.320358
2068	3110004-003	TDS	FALSE	0.452	5	0.333	no trend	28.3	0.75	11/9/2004	4/27/2017	38.86973	-121.330213
2061	3110004-011	TDS	FALSE	0.308	-4	-0.667	no trend	8.7	-1.02	12/7/2005	1/15/2015	38.865086	-121.347261
2069	3110008-003	TDS	FALSE	0.47	3	0.5	no trend	7.7	0.72	10/26/1992	1/8/2010	38.753022	-121.279492
2071	3110008-006	TDS	FALSE	0.221	6	0.6	no trend	16.7	1.22	10/27/1992	9/5/2013	38.736633	-121.277875
2066	3110008-007	TDS	FALSE	0.462	4	0.4	no trend	16.7	0.73	10/26/1992	9/5/2013	38.726493	-121.258205
2050	3110008-008	TDS	FALSE	0.707	3	0.2	no trend	28.3	0.38	10/22/2002	8/23/2018	38.805938	-121.33588
2064	3110025-005	TDS	FALSE	0.181	-28	-0.267	no trend	407.3	-1.34	7/26/1989	9/12/2019	38.818889	-121.31
2063	3110040-001	TDS	FALSE	0.085	23	0.418	no trend	163	1.72	9/27/1988	7/9/2002	38.75	-121.34722
2067	3110040-002	TDS	FALSE	0.154	14	0.389	no trend	83.3	1.42	8/31/1989	7/9/2002	38.75	-121.34444
2054	3110048-001	TDS	FALSE	0.308	-4	-0.667	no trend	8.7	-1.02	3/31/2004	4/9/2018	38.983062	-121.375659
2058	3110048-002	TDS	FALSE	0.734	-2	-0.333	no trend	8.7	-0.34	3/31/2004	4/9/2018	38.980075	-121.369185
145	3400173-002	TDS	FALSE	0.734	2	0.333	no trend	8.7	0.34	5/24/2001	2/14/2017	38.640638	-121.483861
79	3400179-001	TDS	FALSE	0.308	-4	-0.667	no trend	8.7	-1.02	6/21/2007	3/20/2019	38.6575	-121.378333
57	3400190-001	TDS	FALSE	0.308	-4	-0.667	no trend	8.7	-1.02	6/21/2007	3/20/2019	38.675861	-121.326329
272	3400191-001	TDS	FALSE	0.734	2	0.333	no trend	8.7	0.34	6/28/2007	3/20/2019	38.65525	-121.379888
193	3410001-001	TDS	FALSE	0.452	5	0.333	no trend	28.3	0.75	1/12/1993	9/5/2017	38.606839	-121.3982
242	3410001-002	TDS	FALSE	1	1	0.067	no trend	28.3	0	2/5/1998	7/18/2017	38.59783	-121.398024
258	3410001-004	TDS	FALSE	0.085	-10	-0.667	no trend	27.3	-1.72	1/12/1993	6/19/2014	38.611483	-121.410107
284	3410001-005	TDS	FALSE	0.452	5	0.333	no trend	28.3	0.75	2/25/1991	6/8/2011	38.623478	-121.396638
203	3410001-007	TDS	FALSE	0.548	5	0.238	no trend	44.3	0.6	7/9/1990	9/27/2017	38.610999	-121.363391
212	3410001-010	TDS	FALSE	0.23	9	0.429	no trend	44.3	1.2	7/10/1990	9/12/2017	38.608099	-121.408153
158	3410001-011	TDS	FALSE	0.902	-2	-0.071	no trend	65.3	-0.12	1/30/1992	9/14/2017	38.619863	-121.396184
228	3410001-012	TDS	FALSE	0.386	8	0.286	no trend	65.3	0.87	2/25/1991	12/12/2017	38.617662	-121.403695
82	3410001-013	TDS	FALSE	1	0	0	no trend	43.3	0	1/28/1992	9/26/2017	38.598939	-121.370714
146	3410001-014	TDS	FALSE	0.221	6	0.6	no trend	16.7	1.22	7/10/1990	9/26/2006	38.61171	-121.386048
260	3410001-015	TDS	FALSE	0.879	-2	-0.095	no trend	43.3	-0.15	11/1/1988	9/19/2017	38.59781	-121.381308
191	3410001-016	TDS	FALSE	0.707	3	0.2	no trend	28.3	0.38	2/22/1991	9/4/2014	38.631327	-121.37485
124	3410001-017	TDS	FALSE	0.06	-11	-0.733	no trend	28.3	-1.88	1/30/1992	8/27/2014	38.61981	-121.403732
211	3410001-018	TDS	FALSE	0.764	3	0.143	no trend	44.3	0.3	2/22/1991	9/19/2017	38.623854	-121.374359
209	3410001-019	TDS	FALSE	0.072	13	0.619	no trend	44.3	1.8	1/27/1992	9/25/2017	38.597831	-121.359623
114	3410001-020	TDS	TRUE	0.035	15	0.714	increasing	44.3	2.1	1/27/1992	9/19/2017	38.618079	-121.359205
210	3410001-021	TDS	FALSE	0.095	12	0.571	no trend	43.3	1.67	7/9/1990	9/12/2017	38.615256	-121.419986
161	3410001-022	TDS	FALSE	0.707	3	0.2	no trend	28.3	0.38	2/5/1998	9/11/2017	38.604549	-121.42274
222	3410001-025	TDS	FALSE	0.879	2	0.095	no trend	43.3	0.15	2/22/1991	9/19/2017	38.60046	-121.359118
113	3410001-027	TDS	FALSE	0.072	13	0.619	no trend	44.3	1.8	1/30/1992	9/27/2017	38.605146	-121.390988
244	3410001-028	TDS	FALSE	0.707	3	0.2	no trend	28.3	0.38	1/30/1992	8/21/2014	38.63562	-121.381097
227	3410001-029	TDS	FALSE	0.848	2	0.133	no trend	27.3	0.19	1/30/1992	10/3/2017	38.630252	-121.397575
236	3410001-030	TDS	FALSE	1	1	0.067	no trend	28.3	0	1/29/1992	9/26/2017	38.617802	-121.424022
81	3410001-032	TDS	FALSE	0.26	-7	-0.467	no trend	28.3	-1.13	7/9/1990	9/19/2017	38.622918	-121.413817
104	3410001-033	TDS	FALSE	0.06	11	0.733	no trend	28.3	1.88	1/29/1992	7/10/2014	38.601378	-121.424
173	3410001-034	TDS	FALSE	0.707	3	0.2	no trend	28.3	0.38	7/9/1990	9/11/2017	38.584674	-121.396539
169	3410001-035	TDS	FALSE	0.23	9	0.429	no trend	44.3	1.2	7/9/1990	9/28/2017	38.594464	-121.351844
19	3410001-038	TDS	FALSE	0.086	8	0.8	no trend	16.7	1.71	1/28/1992	6/9/2011	38.578371	-121.363395
20	3410001-039	TDS	FALSE	0.308	-4	-0.667	no trend	8.7	-1.02	2/22/1991	9/18/2006	38.591742	-121.346413
168	3410001-042	TDS	FALSE	0.548	5	0.238	no trend	44.3	0.6	2/22/1991	9/12/2017	38.628014	-121.358648
184	3410001-051	TDS	FALSE	0.548	5	0.238	no trend	44.3	0.6	7/9/1990	9/11/2017	38.636187	-121.375067
111	3410001-052	TDS	FALSE	0.848	-2	-0.133	no trend	27.3	-0.19	7/9/1990	9/11/2017	38.625054	-121.362252
287	3410001-054	TDS	FALSE	1	1	0.048	no trend	44.3	0	2/11/1991	9/13/2017	38.582422	-121.408379
122	3410001-055	TDS	FALSE	0.133	11	0.524	no trend	44.3	1.5	11/1/1988	12/13/2017	38.594474	-121.39864
26	3410001-056	TDS	FALSE	0.23	-9	-0.429	no trend	44.3	-1.2	1/12/1993	9/13/2017	38.578749	-121.41096
3	3410001-061	TDS	FALSE	0.133	-11	-0.524	no trend	44.3	-1.5	5/7/1998	9/26/2017	38.582786	-121.338489
176	3410001-062	TDS	FALSE	0.707	3	0.2	no trend	28.3	0.38	8/22/2000	9/5/2017	38.618056	-121.401944
12	3410001-064	TDS	FALSE	0.221	6	0.6	no trend	16.7	1.22	4/23/2002	9/12/2017	38.584121	-121.353432
13	3410001-065	TDS	TRUE	0.027	-10	-1	decreasing	16.7	-2.2	4/22/2002	9/21/2017	38.583196	-121.33679
4	3410001-066	TDS	FALSE	0.221	-6	-0.6	no trend	16.7	-1.22	4/23/2002	9/12/2017	38.582214	-121.338203
2	3410001-067	TDS	FALSE	0.308	4	0.667	no trend	8.7	1.02	6/3/1999	10/1/2014	38.582481	-121.417169
225	3410001-069	TDS	FALSE	0.23	9	0.429	no trend	44.3	1.2	2/26/1992	9/28/2017	38.580609	-121.384004
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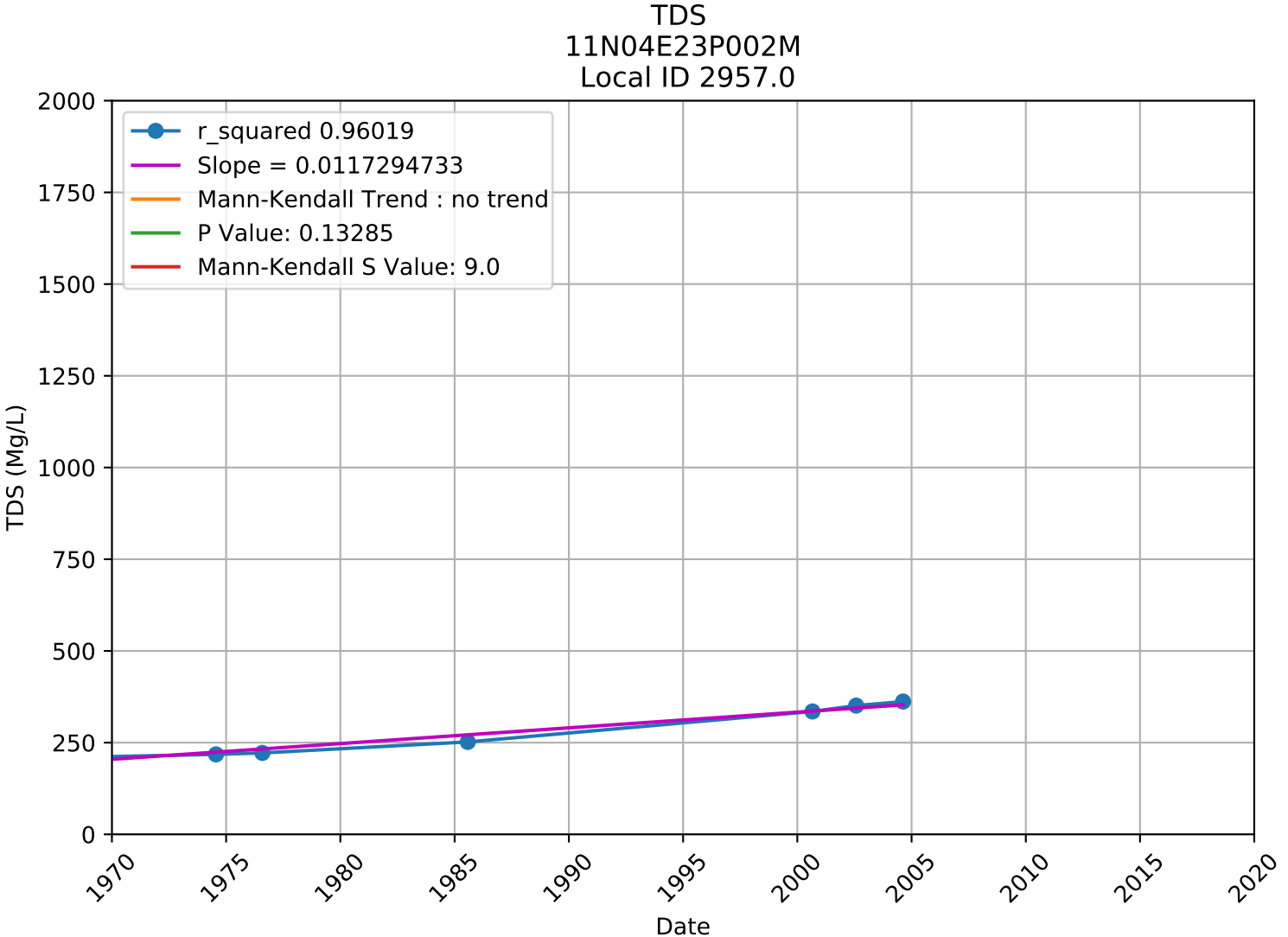
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252	3410001-073	TDS	FALSE	0.462	-4	-0.4	no trend	16.7	-0.73	4/17/2002	9/7/2017	38.58058	-121.383962
58	3410001-076	TDS	FALSE	1	0	0	no trend	65.3	0	4/29/1988	7/10/2019	38.644265	-121.362069
69	3410001-077	TDS	FALSE	0.295	11	0.306	no trend	91	1.05	4/20/1988	7/10/2019	38.631522	-121.352911
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259	3410001-079	TDS	FALSE	1	1	0.067	no trend	28.3	0	6/30/1988	7/24/2013	38.667577	-121.334161
110	3410001-080	TDS	FALSE	0.917	-2	-0.056	no trend	92	-0.1	6/23/1988	7/17/2019	38.672567	-121.331573
174	3410001-081	TDS	TRUE	0.049	-23	-0.511	decreasing	125	-1.97	6/30/1988	7/22/2019	38.683333	-121.333333
71	3410001-082	TDS	FALSE	0.142	15	0.417	no trend	91	1.47	10/19/1988	7/21/2016	38.648929	-121.338368
246	3410001-083	TDS	FALSE	0.454	7	0.25	no trend	64.3	0.75	4/29/1988	7/9/2019	38.663692	-121.347786
239	3410001-085	TDS	FALSE	0.474	-9	-0.2	no trend	125	-0.72	6/23/1988	7/17/2019	38.644208	-121.329841
49	3410001-087	TDS	FALSE	0.175	14	0.389	no trend	92	1.36	7/28/1988	7/11/2019	38.645858	-121.392317
218	3410001-088	TDS	FALSE	0.368	7	0.333	no trend	44.3	0.9	4/9/1987	7/11/2013	38.668746	-121.361
89	3410001-089	TDS	FALSE	0.419	-10	-0.222	no trend	124	-0.81	4/20/1988	7/9/2019	38.653579	-121.379692
132	3410001-092	TDS	FALSE	0.118	16	0.444	no trend	92	1.56	6/23/1988	7/20/2016	38.63889	-121.342759
185	3410001-094	TDS	FALSE	0.076	18	0.5	no trend	92	1.77	6/23/1988	7/10/2019	38.652299	-121.354305
196	3410001-095	TDS	FALSE	0.089	6	1	no trend	8.7	1.7	6/30/1988	6/21/2007	38.658062	-121.356402
297	3410001-096	TDS	FALSE	0.105	19	0.422	no trend	123	1.62	6/30/1988	7/9/2019	38.689669	-121.360198
102	3410001-097	TDS	FALSE	0.178	16	0.356	no trend	124	1.35	4/20/1988	7/11/2019	38.694158	-121.360024
256	3410001-098	TDS	FALSE	0.785	4	0.089	no trend	121.3	0.27	4/29/1988	7/9/2019	38.700217	-121.351805
295	3410001-099	TDS	FALSE	1	0	0	no trend	8.7	0	10/20/1988	6/21/2007	38.655401	-121.313482
46	3410001-101	TDS	FALSE	0.754	4	0.111	no trend	92	0.31	10/27/1988	7/7/2016	38.663926	-121.32579
231	3410001-102	TDS	FALSE	0.711	4	0.143	no trend	65.3	0.37	10/20/1988	7/15/2019	38.675049	-121.315501
101	3410001-103	TDS	FALSE	1	0	0	no trend	12	0	10/25/1988	11/13/2013	38.651225	-121.32298
163	3410001-104	TDS	FALSE	0.395	9	0.25	no trend	88.3	0.85	2/1/1993	7/10/2019	38.710442	-121.331662
180	3410001-105	TDS	FALSE	1	0	0	no trend	65.3	0	11/4/1996	7/10/2019	38.710528	-121.331667
262	3410001-106	TDS	FALSE	0.089	6	1	no trend	8.7	1.7	6/28/2001	7/8/2013	38.710517	-121.331659
85	3410001-107	TDS	FALSE	0.339	6	0.4	no trend	27.3	0.96	11/4/1996	7/14/2016	38.709903	-121.357066
127	3410001-111	TDS	FALSE	0.386	8	0.286	no trend	65.3	0.87	12/13/1995	7/11/2019	38.665363	-121.383099
254	3410001-127	TDS	FALSE	0.26	7	0.467	no trend	28.3	1.13	12/13/1995	7/29/2013	38.712268	-121.381099
283	3410001-128	TDS	FALSE	0.221	6	0.6	no trend	16.7	1.22	12/13/1995	6/17/2010	38.709783	-121.374669
149	3410001-129	TDS	TRUE	0.009	15	1	increasing	28.3	2.63	12/13/1995	7/29/2013	38.710651	-121.387666
118	3410001-133	TDS	FALSE	0.445	-7	-0.25	no trend	61.7	-0.76	2/25/1991	7/22/2019	38.682932	-121.376063
182	3410001-135	TDS	FALSE	0.06	-11	-0.733	no trend	28.3	-1.88	2/5/1998	11/7/2016	38.68794	-121.385107
99	3410001-136	TDS	FALSE	0.072	13	0.619	no trend	44.3	1.8	2/25/1991	3/27/2018	38.685899	-121.372701
141	3410001-137	TDS	FALSE	0.707	3	0.2	no trend	28.3	0.38	2/25/1991	7/29/2013	38.692847	-121.375953
183	3410001-139	TDS	FALSE	0.764	3	0.143	no trend	44.3	0.3	6/30/1988	7/19/2016	38.69191	-121.364477
280	3410001-142	TDS	FALSE	0.764	3	0.143	no trend	44.3	0.3	7/20/1989	7/11/2016	38.686782	-121.392424
197	3410001-144	TDS	FALSE	0.135	13	0.464	no trend	64.3	1.5	2/25/1991	7/23/2019	38.69798	-121.373877
213	3410001-145	TDS	FALSE	0.133	9	0.6	no trend	28.3	1.5	4/22/2002	7/10/2019	38.67526	-121.379573
315	3410002-001	TDS	FALSE	0.142	15	0.417	no trend	91	1.47	2/20/1991	2/8/2017	38.583333	-121.383333
117	3410002-002	TDS	FALSE	0.386	8	0.286	no trend	65.3	0.87	7/17/1990	2/8/2017	38.583333	-121.366667
28	3410002-007	TDS	FALSE	0.23	9	0.429	no trend	44.3	1.2	7/17/1990	2/14/2017	38.566667	-121.4
10	3410002-012	TDS	FALSE	1	1	0.067	no trend	28.3	0	7/17/1990	5/8/2017	38.566667	-121.416667
17	3410002-013	TDS	FALSE	0.902	-2	-0.071	no trend	65.3	-0.12	7/17/1990	2/14/2017	38.583333	-121.416667
249	3410002-014	TDS	FALSE	1	0	0	no trend	65.3	0	1/19/1993	5/8/2017	38.583333	-121.366667
152	3410003-001	TDS	FALSE	0.622	10	0.11	no trend	332.7	0.49	9/5/1990	2/6/2019	38.587545	-121.385145
153	3410003-002	TDS	FALSE	0.15	22	0.333	no trend	212.7	1.44	4/11/1986	2/28/2017	38.582537	-121.383219
245	3410003-004	TDS	FALSE	0.221	6	0.6	no trend	16.7	1.22	9/19/1990	1/25/2005	38.587611	-121.392074
162	3410003-005	TDS	FALSE	0.276	15	0.273	no trend	165	1.09	4/2/1987	7/11/2017	38.591017	-121.384139
251	3410003-006	TDS	FALSE	0.21	15	0.333	no trend	125	1.25	4/2/1987	2/28/2017	38.59211	-121.387633
238	3410003-008	TDS	FALSE	0.276	15	0.273	no trend	165	1.09	4/2/1987	2/28/2017	38.600074	-121.391973
74	3410004-001	TDS	FALSE	0.371	11	0.244	no trend	125	0.89	1/29/1998	2/3/2004	38.645432	-121.313067
83	3410004-004	TDS	FALSE	0.276	23	0.219	no trend	408.3	1.09	2/19/1991	1/28/2010	38.64988	-121.30798
175	3410004-005	TDS	FALSE	1	-1	-0.067	no trend	28.3	0	3/1/1991	10/4/2001	38.633333	-121.35
172	3410004-006	TDS	FALSE	0.323	-36	-0.156	no trend	1254.7	-0.99	8/1/1990	6/1/2017	38.622744	-121.335704
6	3410004-007	TDS	FALSE	0.928	2	0.044	no trend	124	0.09	8/1/1990	10/23/2002	38.594673	-121.334606
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248	3410004-020	TDS	FALSE	0.139	28	0.308	no trend	332.7	1.48	4/25/2002	6/1/2017	38.641845	-121.315446
139	3410004-021	TDS	FALSE	1	-1	-0.015	no trend	211.7	0	4/23/2002	6/1/2017	38.604804	-121.342252
290	3410006-001	TDS	FALSE	1	0	0	no trend	43.3	0	12/20/1990	2/20/2013	38.661305	-121.292607
198	3410006-008	TDS	FALSE	1	-1	-0.067	no trend	28.3	0	12/6/1990	2/20/2013	38.679425	-121.289154
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229	3410007-002	TDS	FALSE	0.181	8	0.533	no trend	27.3	1.34	1/25/2001	8/7/2019	38.613607	-121.371676
216	3410007-003	TDS	FALSE	1	1	0.067	no trend	28.3	0	2/19/1991	8/22/2016	38.606352	-121.369707
269	3410007-004	TDS	FALSE	0.566	4	0.267	no trend	27.3	0.57	1/25/2001	8/6/2019	38.607768	-121.374083
77	3410007-005	TDS	FALSE	0.566	4	0.267	no trend	27.3	0.57	1/25/2001	8/6/2019	38.61458	-121.378552
195	3410007-007	TDS	FALSE	0.452	5	0.333	no trend	28.3	0.75	1/25/2001	8/6/2019	38.606531	-121.380719
253	3410007-008	TDS	FALSE	0.356	7	0.333	no trend	42.3	0.92	1/26/1993	8/13/2019	38.613172	-121.380739
166	3410009-001	TDS	FALSE	0.308	4	0.667	no trend	8.7	1.02	1/28/1993	6/16/2004	38.643048	-121.268528

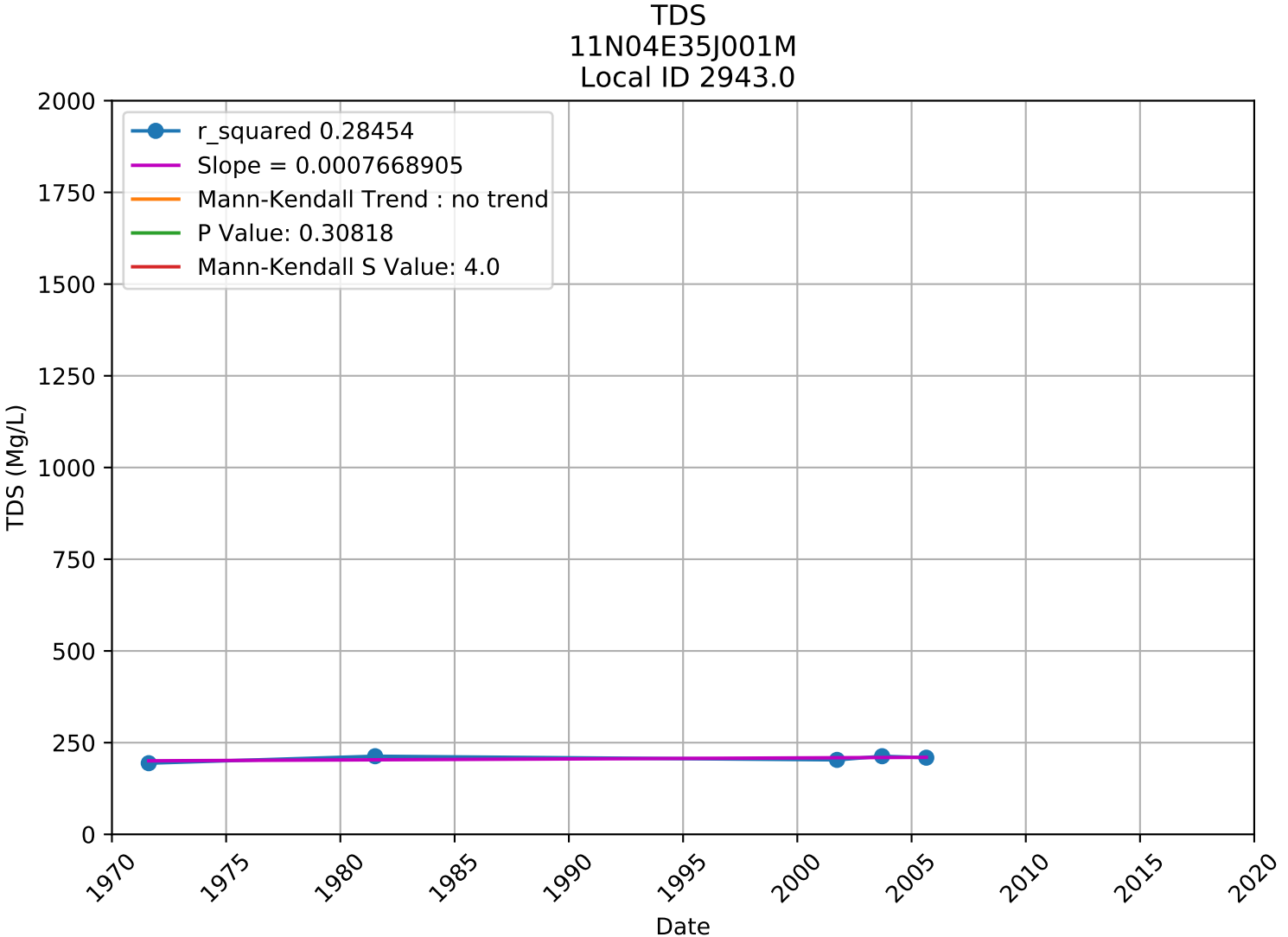
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78	3410009-005	TDS	FALSE	0.221	6	0.6	no trend	16.7	1.22	2/28/1991	6/16/2004	38.650805	-121.286999
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234	3410009-007	TDS	FALSE	0.915	2	0.056	no trend	87.3	0.11	7/19/1989	6/14/2012	38.651297	-121.296666
217	3410009-008	TDS	TRUE	0.009	15	1	increasing	28.3	2.63	8/16/1990	6/6/2006	38.662066	-121.265396
164	3410009-010	TDS	TRUE	0.009	-26	-0.722	decreasing	92	-2.61	11/7/1991	6/14/2012	38.659628	-121.25556
93	3410013-001	TDS	FALSE	0.945	2	0.03	no trend	212.7	0.07	10/7/1992	8/13/2018	38.694922	-121.332628
159	3410013-002	TDS	FALSE	0.283	13	0.289	no trend	125	1.07	2/18/1992	8/13/2018	38.69054	-121.34151
51	3410013-003	TDS	FALSE	0.858	3	0.067	no trend	125	0.18	11/2/1988	8/16/2018	38.683982	-121.31348
240	3410013-004	TDS	FALSE	0.582	-9	-0.136	no trend	211.7	-0.55	7/2/1990	8/7/2018	38.699328	-121.295627
178	3410013-005	TDS	FALSE	0.679	7	0.106	no trend	209.7	0.41	7/2/1990	8/7/2018	38.669042	-121.293798
63	3410013-006	TDS	FALSE	0.099	-25	-0.379	no trend	211.7	-1.65	2/11/1992	8/8/2018	38.685052	-121.305855
156	3410013-007	TDS	FALSE	0.144	12	0.429	no trend	56.7	1.46	7/2/1990	8/19/2015	38.691478	-121.336784
270	3410013-008	TDS	FALSE	0.184	18	0.327	no trend	164	1.33	2/13/1991	8/16/2018	38.673506	-121.340002
224	3410013-009	TDS	FALSE	0.371	11	0.244	no trend	125	0.89	2/11/1992	8/7/2018	38.695662	-121.29509
92	3410013-010	TDS	FALSE	0.088	20	0.444	no trend	124	1.71	2/11/1992	8/15/2018	38.670117	-121.341406
237	3410013-012	TDS	FALSE	0.631	8	0.121	no trend	212.7	0.48	7/2/1990	8/13/2018	38.66565	-121.302524
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144	3410013-014	TDS	FALSE	0.858	3	0.067	no trend	125	0.18	2/12/1991	8/8/2018	38.668822	-121.304482
112	3410013-015	TDS	FALSE	0.531	9	0.164	no trend	163	0.63	2/18/1992	8/6/2018	38.70124	-121.345319
233	3410013-016	TDS	FALSE	0.938	-2	-0.036	no trend	164	-0.08	2/11/1993	8/13/2018	38.709473	-121.292244
265	3410013-017	TDS	FALSE	0.072	13	0.619	no trend	44.3	1.8	2/11/1992	8/24/2006	38.712243	-121.303547
247	3410013-019	TDS	FALSE	0.161	19	0.345	no trend	165	1.4	7/2/1990	8/6/2018	38.700287	-121.330955
226	3410013-020	TDS	FALSE	0.452	5	0.333	no trend	28.3	0.75	2/12/1991	8/24/2006	38.716217	-121.294262
88	3410013-021	TDS	FALSE	0.721	5	0.111	no trend	125	0.36	2/13/1991	8/8/2018	38.683333	-121.35
232	3410013-022	TDS	FALSE	0.445	7	0.25	no trend	61.7	0.76	2/18/1992	9/11/2012	38.7124	-121.306829
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66	3410013-024	TDS	FALSE	0.244	18	0.273	no trend	212.7	1.17	2/11/1992	8/7/2018	38.680539	-121.31067
220	3410013-025	TDS	FALSE	0.585	8	0.145	no trend	164	0.55	2/18/1992	8/13/2018	38.718426	-121.313299
188	3410013-026	TDS	FALSE	0.528	9	0.164	no trend	160.3	0.63	7/2/1990	8/6/2018	38.701667	-121.344722
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24	3410020-015	TDS	FALSE	1	0	0	no trend	65.3	0	1/17/1992	4/3/2017	38.6125	-121.479167
11	3410020-016	TDS	FALSE	0.711	4	0.143	no trend	65.3	0.37	1/17/1992	1/20/2015	38.616667	-121.479167
293	3410020-017	TDS	TRUE	0.043	27	0.491	increasing	165	2.02	11/18/1988	10/9/2017	38.62266	-121.477813
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97	3410020-022	TDS	FALSE	0.592	7	0.156	no trend	125	0.54	11/18/1988	3/20/2017	38.607305	-121.443097
136	3410020-023	TDS	FALSE	0.536	-6	-0.214	no trend	65.3	-0.62	1/21/1992	3/7/2017	38.604956	-121.439486
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129	3410020-025	TDS	FALSE	0.086	8	0.8	no trend	16.7	1.71	1/21/1992	10/9/2008	38.612294	-121.440456
215	3410020-027	TDS	FALSE	0.592	7	0.156	no trend	125	0.54	1/22/1992	5/8/2017	38.620988	-121.443553
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59	3410020-032	TDS	FALSE	0.21	-15	-0.333	no trend	125	-1.25	1/16/1991	10/9/2017	38.628503	-121.43627
55	3410020-033	TDS	FALSE	0.754	4	0.111	no trend	92	0.31	11/16/1988	10/10/2011	38.626808	-121.42959
171	3410020-034	TDS	FALSE	0.436	11	0.2	no trend	165	0.78	1/16/1991	3/12/2018	38.638412	-121.446721
73	3410020-035	TDS	FALSE	0.35	-13	-0.236	no trend	165	-0.93	1/16/1991	3/12/2018	38.639934	-121.427293
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264	3410020-038	TDS	FALSE	0.436	11	0.2	no trend	165	0.78	1/16/1991	5/8/2017	38.647475	-121.459256
50	3410020-039	TDS	FALSE	0.221	-6	-0.6	no trend	16.7	-1.22	1/22/1992	10/8/2003	38.627595	-121.432917
56	3410020-040	TDS	FALSE	1	1	0.018	no trend	165	0	10/22/1990	5/9/2017	38.629597	-121.420726
278	3410020-041	TDS	FALSE	0.39	12	0.218	no trend	164	0.86	1/16/1991	5/9/2017	38.641387	-121.435795
22	3410020-042	TDS	FALSE	0.063	-16	-0.571	no trend	65.3	-1.86	1/21/1992	3/7/2017	38.596923	-121.458973
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194	3410020-045	TDS	FALSE	0.161	19	0.345	no trend	165	1.4	10/19/1990	5/9/2017	38.622276	-121.446858
134	3410020-046	TDS	TRUE	0.005	-28	-0.778	decreasing	92	-2.81	1/22/1992	9/22/2014	38.623116	-121.427024
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42	3410020-051	TDS	FALSE	0.64	-7	-0.127	no trend	165	-0.47	1/16/1991	3/12/2018	38.634413	-121.412516
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214	3410020-054	TDS	FALSE	0.533	-9	-0.164	no trend	165	-0.62	1/21/1992	10/9/2017	38.596324	-121.427308
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91	3410020-056	TDS	FALSE	0.466	-8	-0.222	no trend	92	-0.73	1/12/1994	5/9/2017	38.654657	-121.448564
291	3410020-057	TDS	FALSE	0.386	-8	-0.286	no trend	65.3	-0.87	1/18/1995	12/19/2018	38.658482	-121.466415
30	3410026-001	TDS	FALSE	0.734	-2	-0.333	no trend	8.7	-0.34	2/21/1991	5/31/2012	38.58961	-121.429343
7	3410026-002	TDS	FALSE	0.806	2	0.2	no trend	16.7	0.24	2/21/1991	5/3/2018	38.588266	-121.423478
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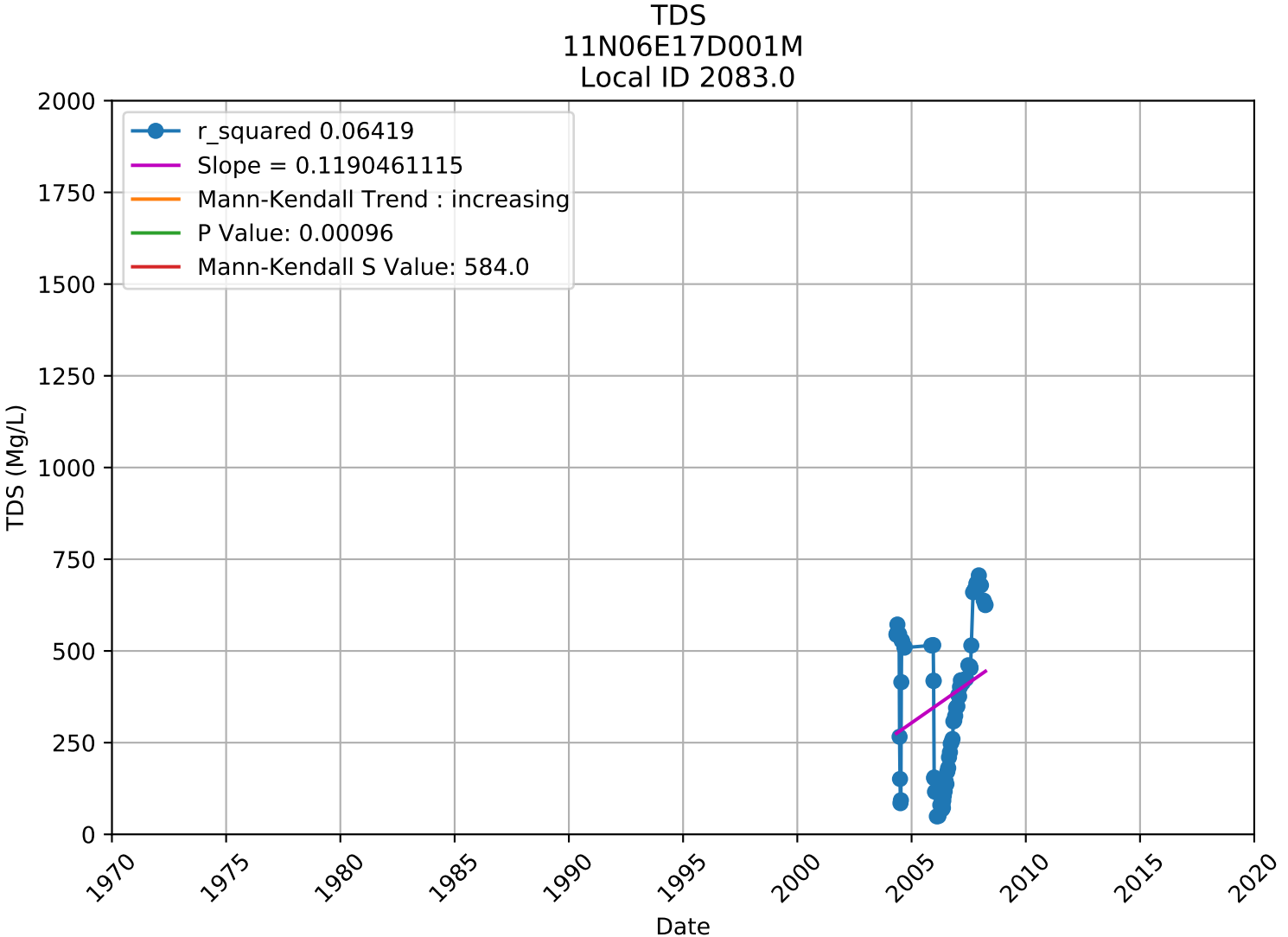
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160	3410031-006	TDS	FALSE	0.113	24	0.364	no trend	210.7	1.58	11/2/1988	8/14/2018	38.708333	-121.383611
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72	3410031-010	TDS	FALSE	0.343	-10	-0.278	no trend	90	-0.95	8/29/1995	8/7/2018	38.705	-121.365556
289	3410031-011	TDS	FALSE	0.207	34	0.222	no trend	684.7	1.26	6/21/1990	8/7/2018	38.726944	-121.3825
135	3410031-012	TDS	FALSE	0.858	-3	-0.067	no trend	125	-0.18	6/12/1992	8/7/2018	38.721111	-121.368611
45	3410031-013	TDS	FALSE	0.471	9	0.2	no trend	123	0.72	2/25/1992	8/14/2018	38.711667	-121.413889
54	3410031-014	TDS	FALSE	0.213	17	0.309	no trend	165	1.25	4/15/1987	8/14/2018	38.716111	-121.408889
95	3410031-015	TDS	FALSE	0.221	6	0.6	no trend	16.7	1.22	2/11/1993	8/14/2018	38.716667	-121.416667
241	3410031-016	TDS	FALSE	0.246	-12	-0.333	no trend	90	-1.16	7/16/1996	8/8/2018	38.724444	-121.336111
80	3410031-017	TDS	FALSE	0.386	8	0.286	no trend	65.3	0.87	4/30/1998	8/8/2018	38.723056	-121.349722
257	3410031-018	TDS	TRUE	0.039	24	0.533	increasing	124	2.07	1/9/1996	8/7/2018	38.716389	-121.371944
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116	3410045-003	TDS	FALSE	0.371	-11	-0.244	no trend	125	-0.89	1/21/1993	8/7/2018	38.594423	-121.417465
243	3410045-004	TDS	FALSE	0.348	-10	-0.278	no trend	92	-0.94	7/3/1990	7/24/2012	38.592566	-121.407256
96	3410045-005	TDS	FALSE	0.64	7	0.127	no trend	165	0.47	2/12/1991	8/7/2018	38.600025	-121.410183
2907	5105004-001	TDS	FALSE	0.53	-8	-0.178	no trend	124	-0.63	11/29/2000	12/14/2016	38.777769	-121.52437
2906	5105004-002	TDS	FALSE	0.308	4	0.667	no trend	8.7	1.02	10/21/2009	12/14/2016	38.777766	-121.525116
1880	USGS-383655121301601	TDS	FALSE	0.308	-4	-0.667	no trend	8.7	-1.02	8/3/1998	8/7/2017	38.6157528	-121.5054028
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1855	USGS-383900121270001	TDS	FALSE	0.368	-7	-0.333	no trend	44.3	-0.9	6/14/2005	6/15/2005	38.6585	-121.4664722
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1866	USGS-384301121195101	TDS	FALSE	0.308	4	0.667	no trend	8.7	1.02	6/5/1996	10/2/2017	38.717	-121.3320278
1902	USGS-384318121230001	TDS	FALSE	0.308	4	0.667	no trend	8.7	1.02	8/19/1998	8/21/2017	38.7216389	-121.3841778
1882	USGS-384330121265601	TDS	FALSE	0.308	4	0.667	no trend	8.7	1.02	7/24/1969	5/14/2008	38.7249018	-121.4499544
1882	USGS-384330121265601	TDS	FALSE	0.308	4	0.667	no trend	8.7	1.02	7/24/1969	5/14/2008	38.7249018	-121.4499544
1868	USGS-384330121293901	TDS	TRUE	0.041	64	0.337	increasing	950	2.04	8/11/1997	7/10/2017	38.7251167	-121.4954417
2806	USGS-384413121163801	TDS	FALSE	1	1	0.048	no trend	44.3	0	9/24/1982	3/10/2014	38.7369444	-121.2772222
3035	USGS-384455121292101	TDS	FALSE	0.308	4	0.667	no trend	8.7	1.02	8/7/1996	9/12/2017	38.7487778	-121.4898889
3035	USGS-384455121292101	TDS	FALSE	0.308	4	0.667	no trend	8.7	1.02	8/7/1996	9/12/2017	38.7487778	-121.4898889
2812	USGS-384949121233501	TDS	FALSE	1	0	0	no trend	8.7	0	8/7/1996	10/3/2017	38.8301771	-121.3941209
2812	USGS-384949121233501	TDS	FALSE	1	0	0	no trend	8.7	0	8/7/1996	10/3/2017	38.8301771	-121.3941209
2813	USGS-385432121213001	TDS	FALSE	1	0	0	no trend	8.7	0	6/3/1996	10/18/2017	38.9084167	-121.3590833
2813	USGS-385432121213001	TDS	FALSE	1	0	0	no trend	8.7	0	6/3/1996	10/18/2017	38.9084167	-121.3590833
3034	USGS-385546121312801	TDS	FALSE	0.368	7	0.333	no trend	44.3	0.9	6/3/1965	10/5/2017	38.92925	-121.5254444
3034	USGS-385546121312801	TDS	FALSE	0.368	7	0.333	no trend	44.3	0.9	6/3/1965	10/5/2017	38.92925	-121.5254444
3042	USGS-385718121290401	TDS	FALSE	0.133	9	0.6	no trend	28.3	1.5	5/19/1965	5/20/2008	38.9548956	-121.4855142
3042	USGS-385718121290401	TDS	FALSE	0.133	9	0.6	no trend	28.3	1.5	5/19/1965	5/20/2008	38.9548956	-121.4855142
2857	USGS-385914121215801	TDS	FALSE	0.806	-2	-0.2	no trend	16.7	-0.24	9/7/1982	6/2/2008	38.9871178	-121.367178
2857	USGS-385914121215801	TDS	FALSE	0.806	-2	-0.2	no trend	16.7	-0.24	9/7/1982	6/2/2008	38.9871178	-121.367178

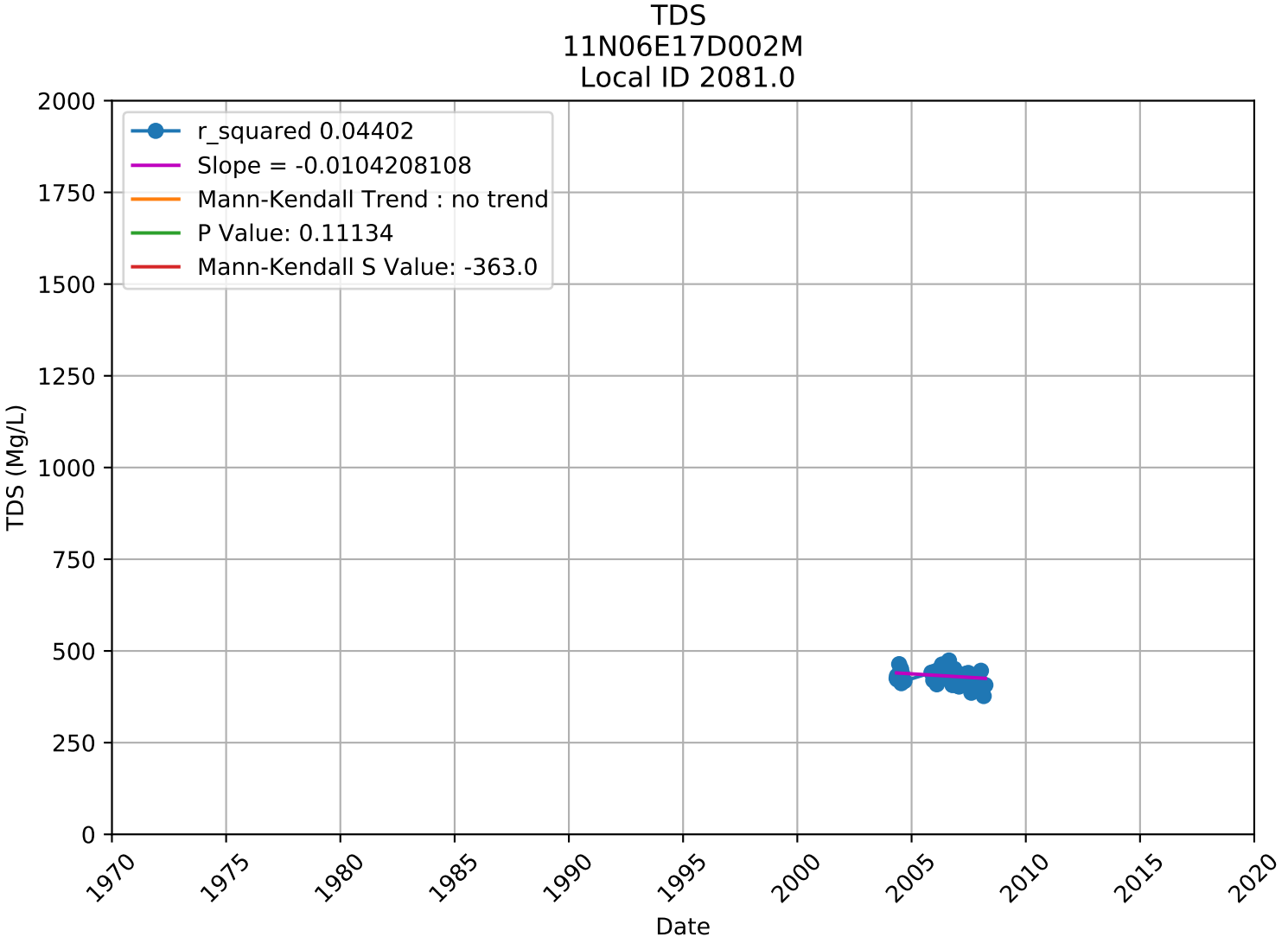

TDS
11N03E24D001M
Local ID 2934.0
r_squared 0.82882
Slope = 0.0082858908
Mann-Kendall Trend : no trend
P Value: 0.36752
Mann-Kendall S Value: 7.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

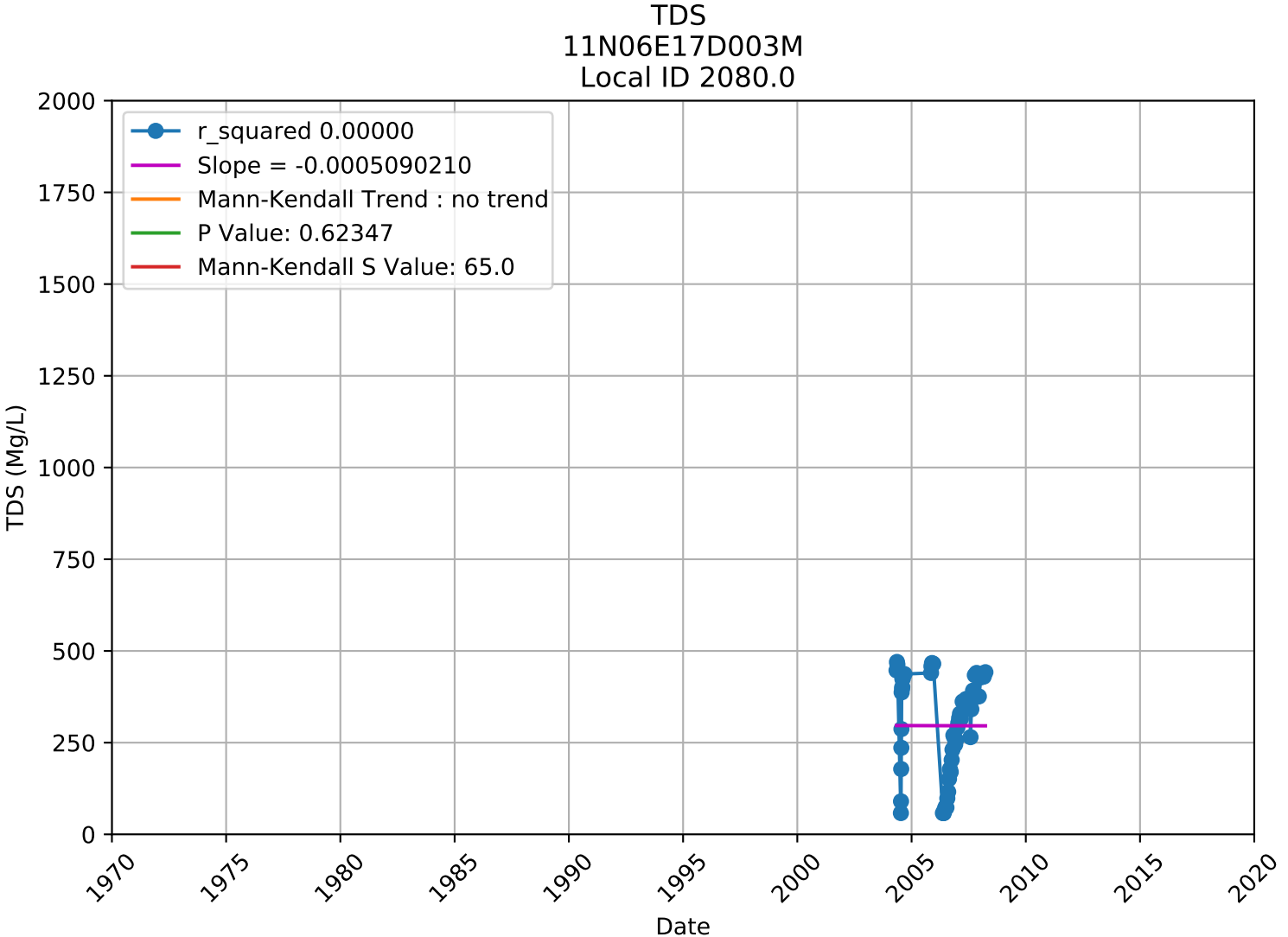

TDS
11N04E04R002M
Local ID 2940.0
r_squared 0.56822
Slope = -0.0034811240
Mann-Kendall Trend : no trend
P Value: 0.30818
Mann-Kendall S Value: -4.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

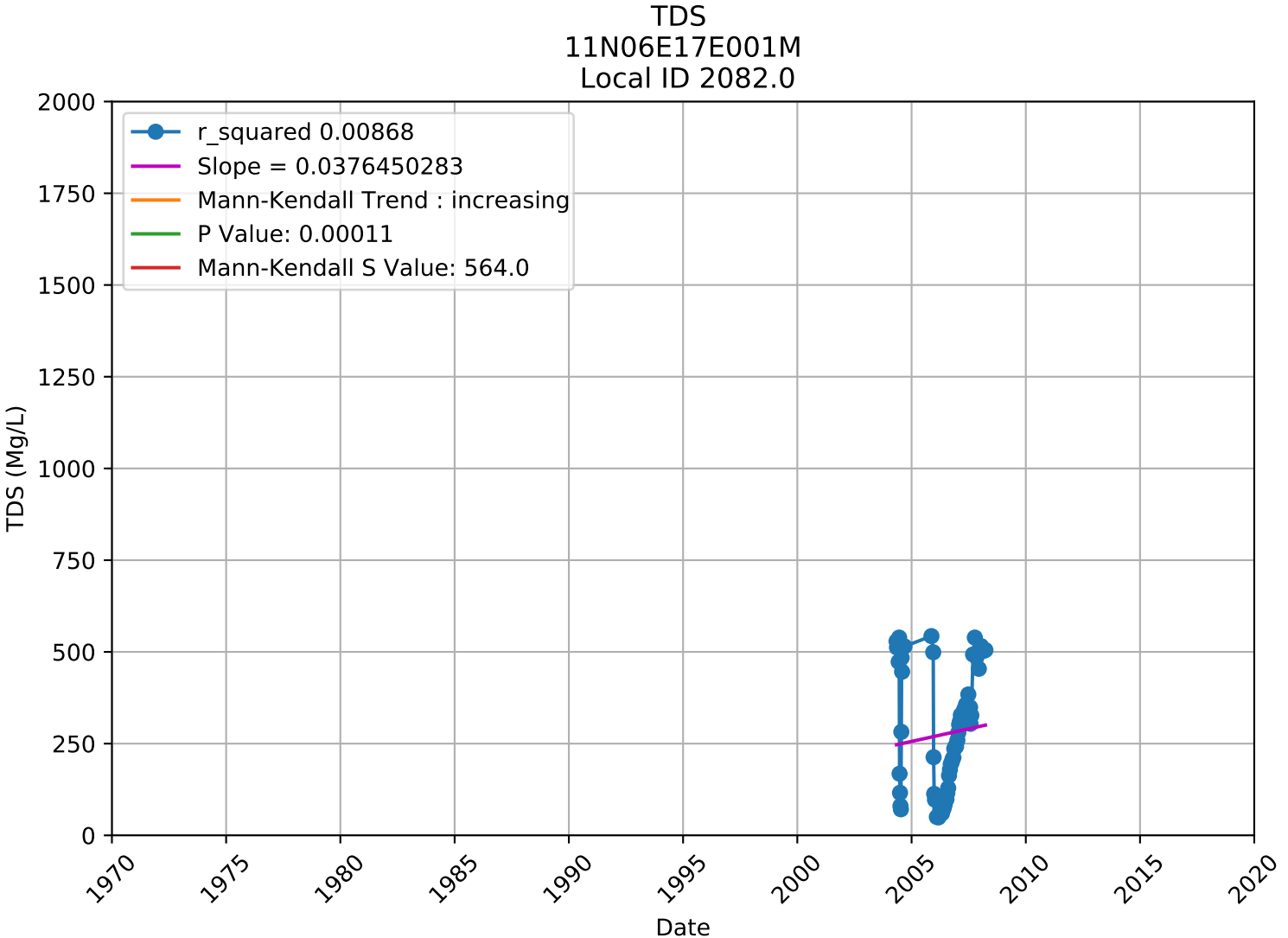

TDS
11N04E23P002M
Local ID 2957.0
r_squared 0.96019
Slope = 0.0117294733
Mann-Kendall Trend : no trend
P Value: 0.13285
Mann-Kendall S Value: 9.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

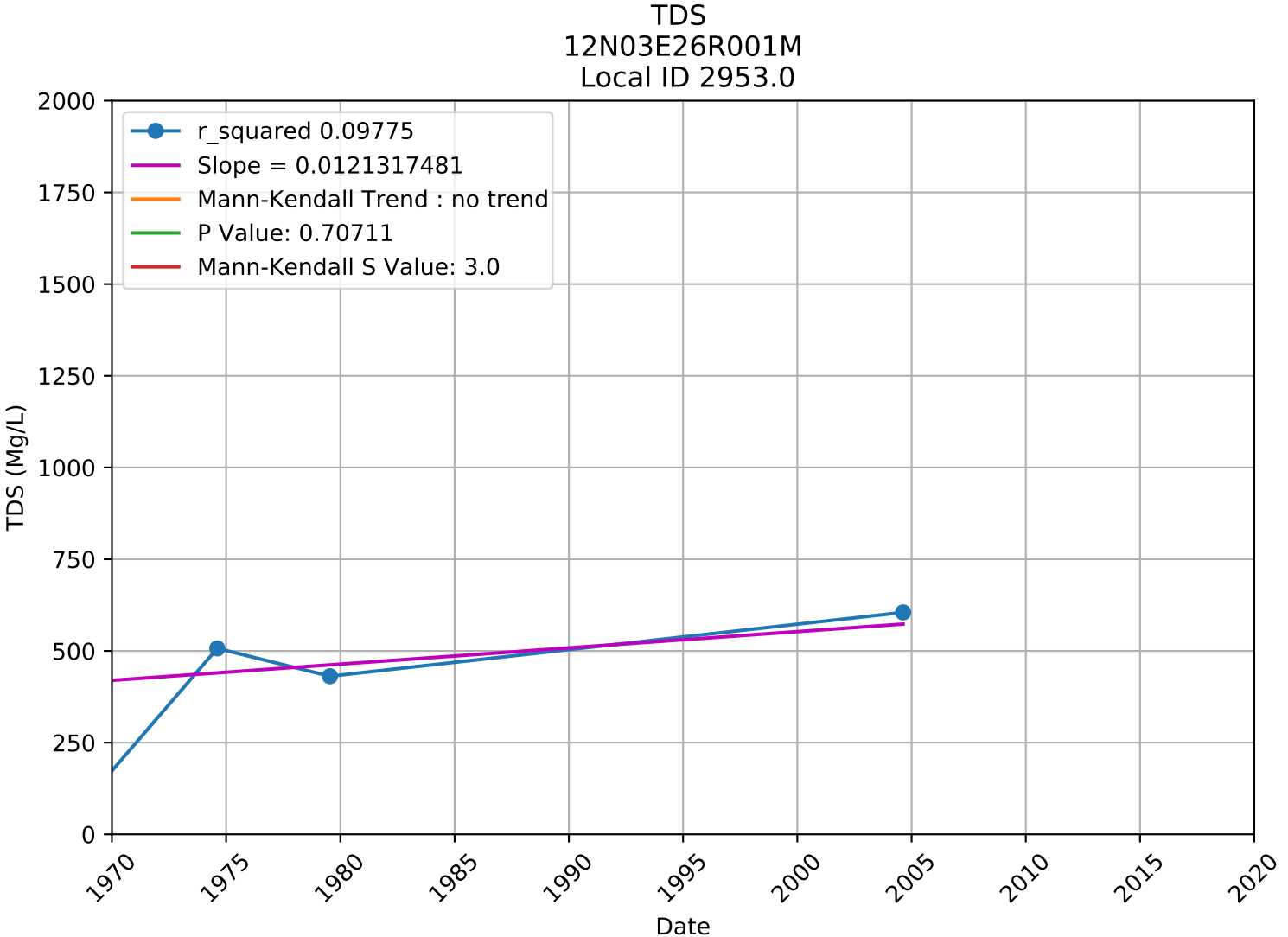

TDS
11N04E35J001M
Local ID 2943.0
r_squared 0.28454
Slope = 0.0007668905
Mann-Kendall Trend : no trend
P Value: 0.30818
Mann-Kendall S Value: 4.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

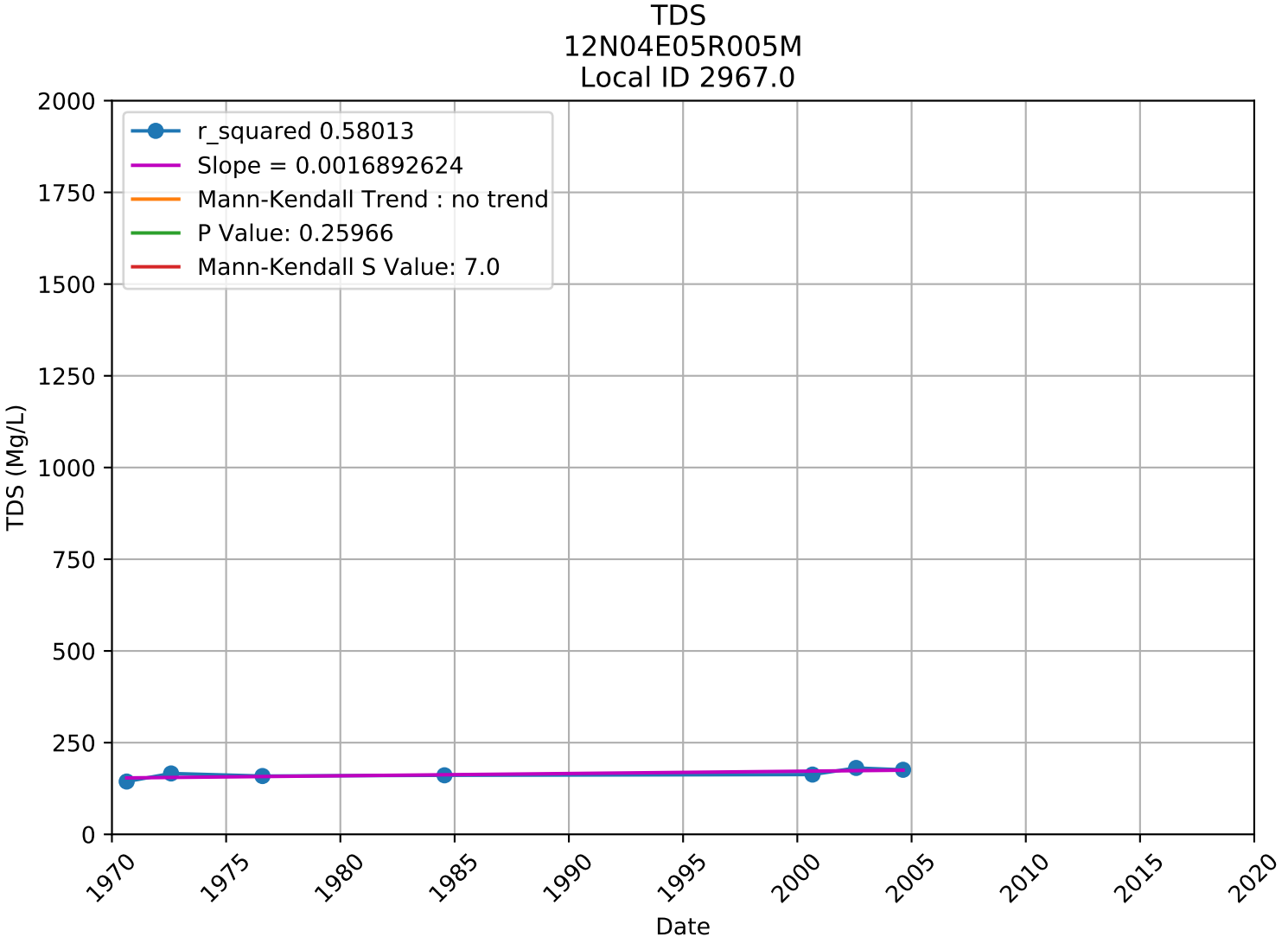

TDS
11N06E17D001M
Local ID 2083.0
r_squared 0.06419
Slope = 0.1190461115
Mann-Kendall Trend : increasing
P Value: 0.00096
Mann-Kendall S Value: 584.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

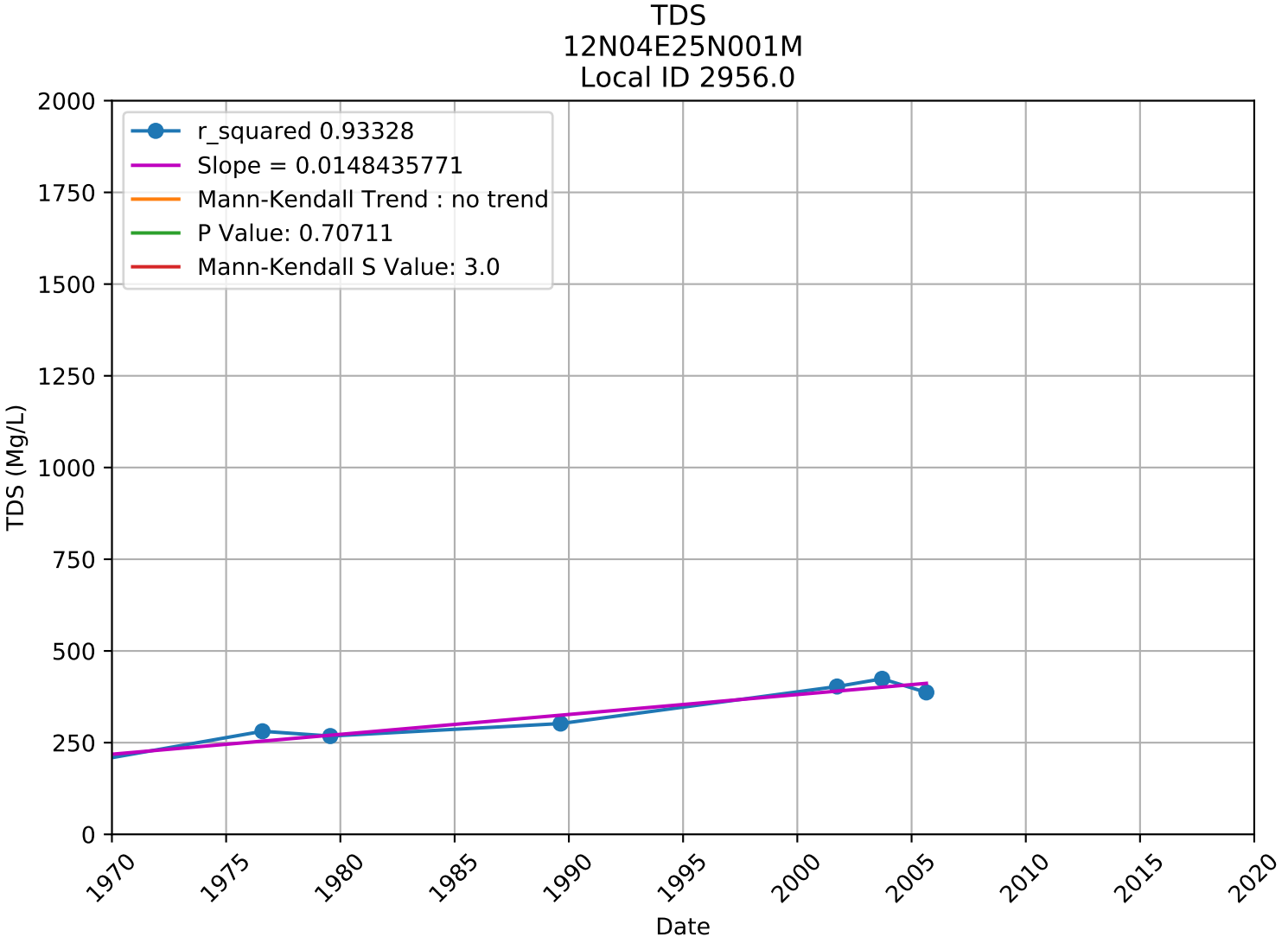

TDS
11N06E17D002M
Local ID 2081.0
r_squared 0.04402
Slope = -0.0104208108
Mann-Kendall Trend : no trend
P Value: 0.11134
Mann-Kendall S Value: -363.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

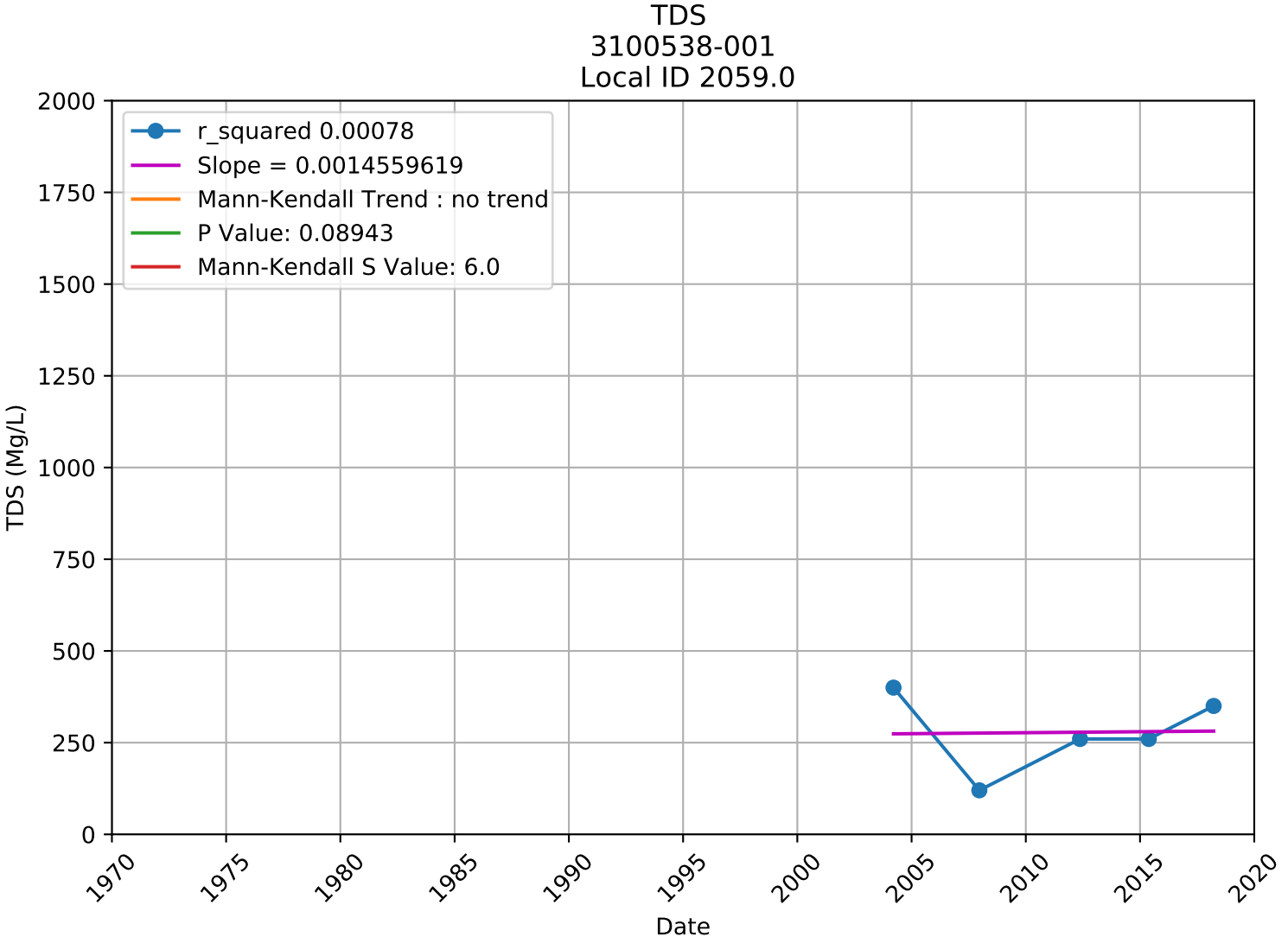

TDS
11N06E17D003M
Local ID 2080.0
r_squared 0.00000
Slope = -0.0005090210
Mann-Kendall Trend : no trend
P Value: 0.62347
Mann-Kendall S Value: 65.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

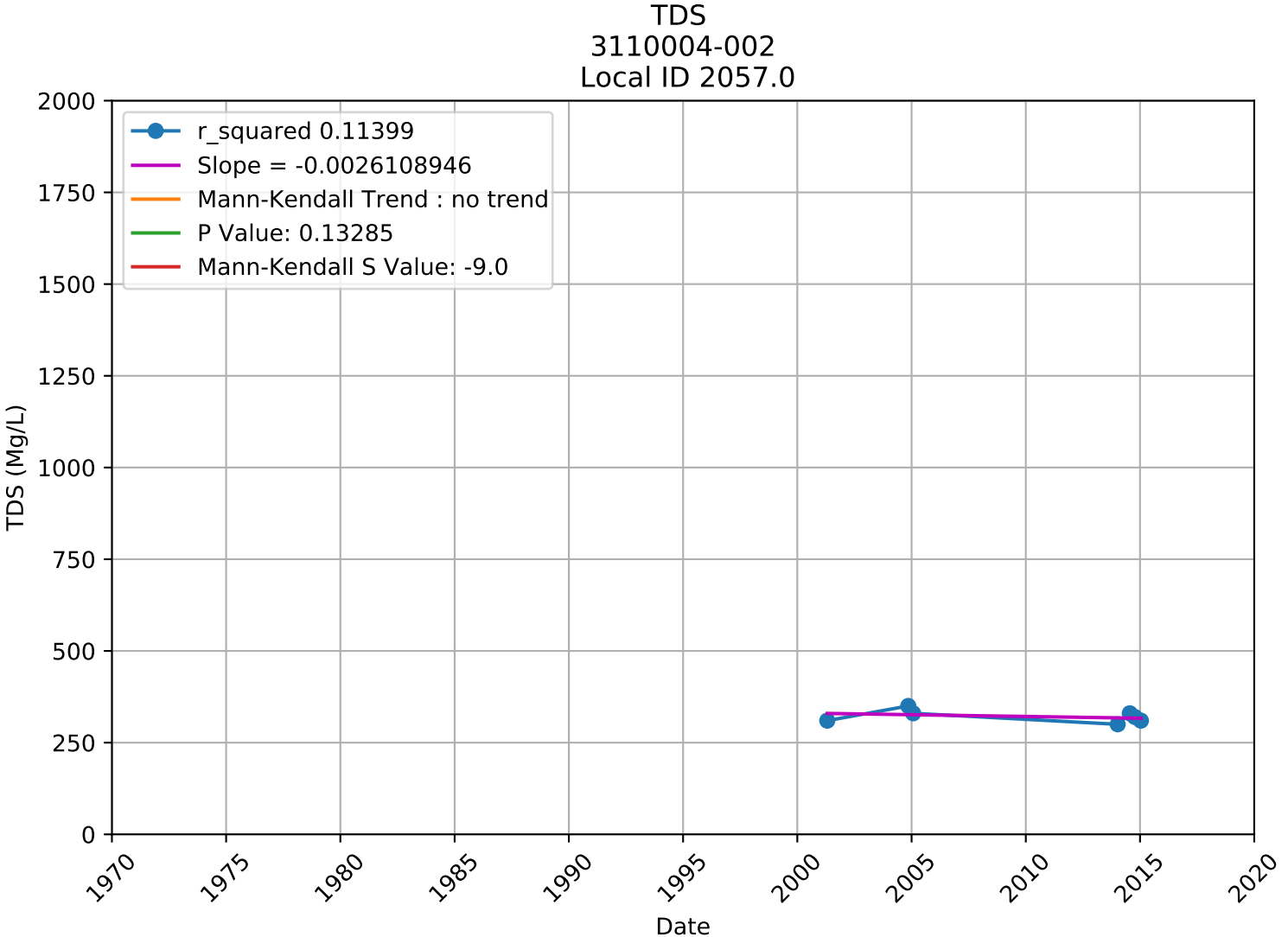

TDS
11N06E17E001M
Local ID 2082.0
r_squared 0.00868
Slope = 0.0376450283
Mann-Kendall Trend : increasing
P Value: 0.00011
Mann-Kendall S Value: 564.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

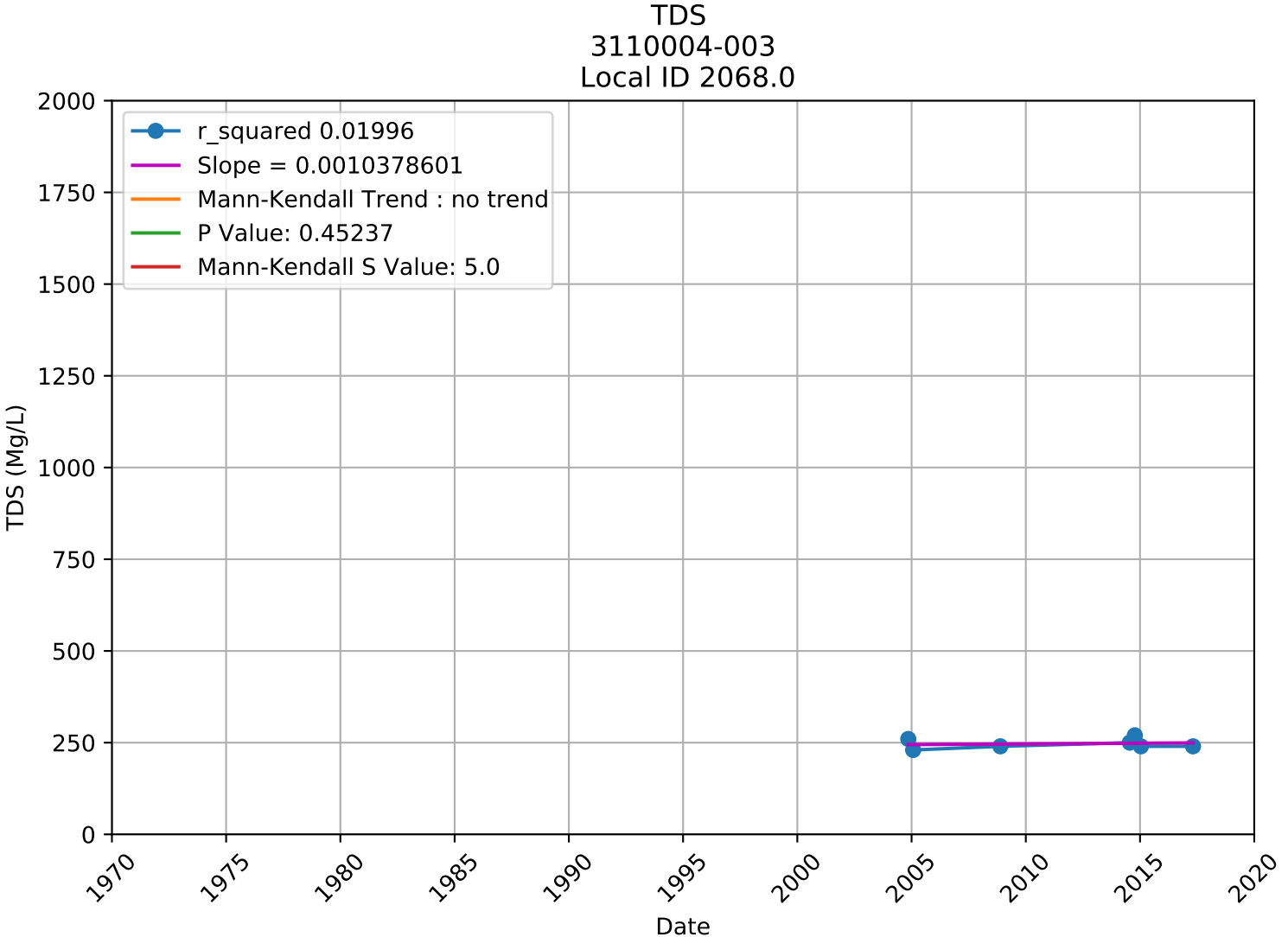

TDS
12N03E26R001M
Local ID 2953.0
r_squared 0.09775
Slope = 0.0121317481
Mann-Kendall Trend : no trend
P Value: 0.70711
Mann-Kendall S Value: 3.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

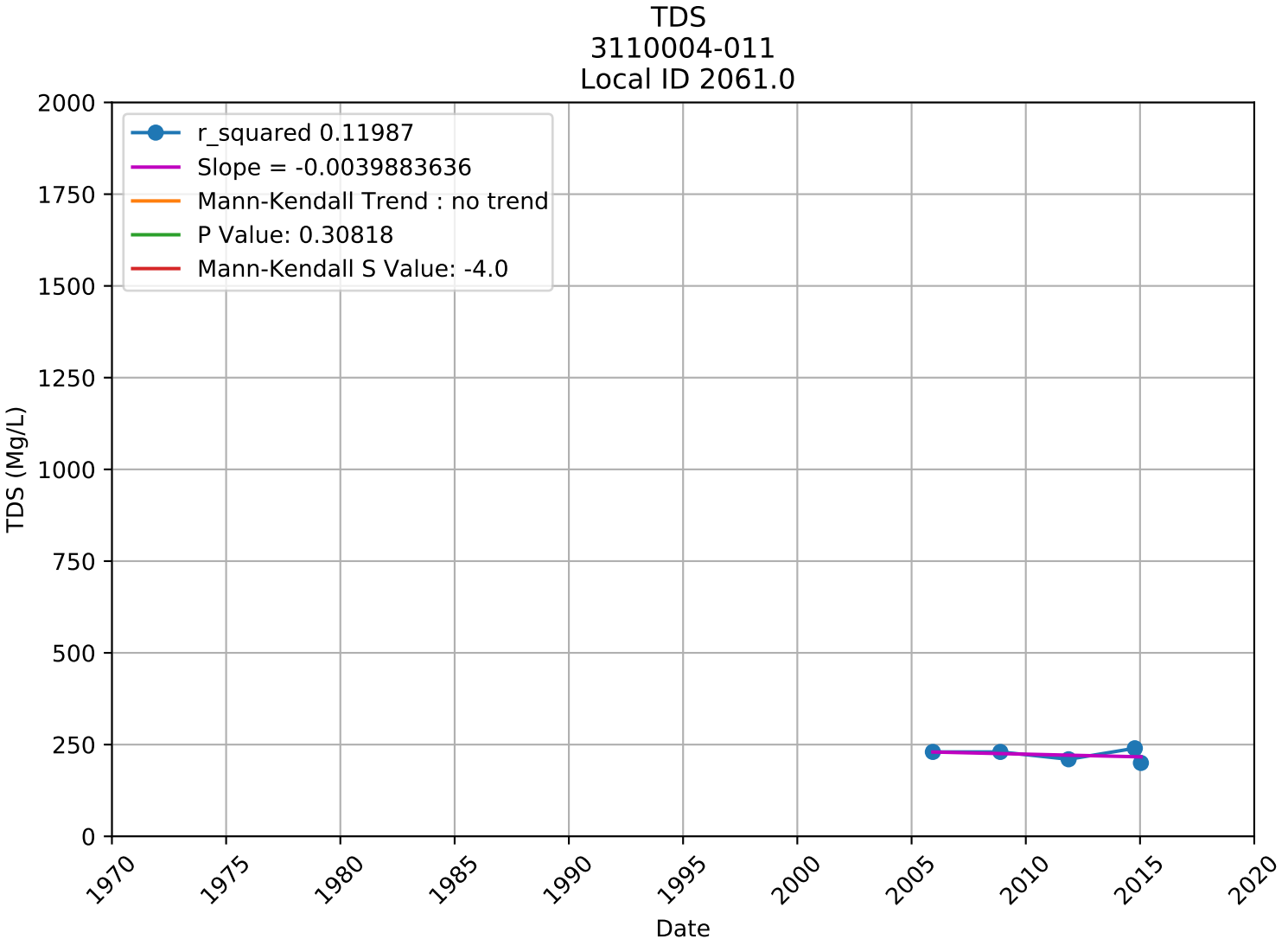

TDS
12N04E05R005M
Local ID 2967.0
r_squared 0.58013
Slope = 0.0016892624
Mann-Kendall Trend : no trend
P Value: 0.25966
Mann-Kendall S Value: 7.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
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2020
Date

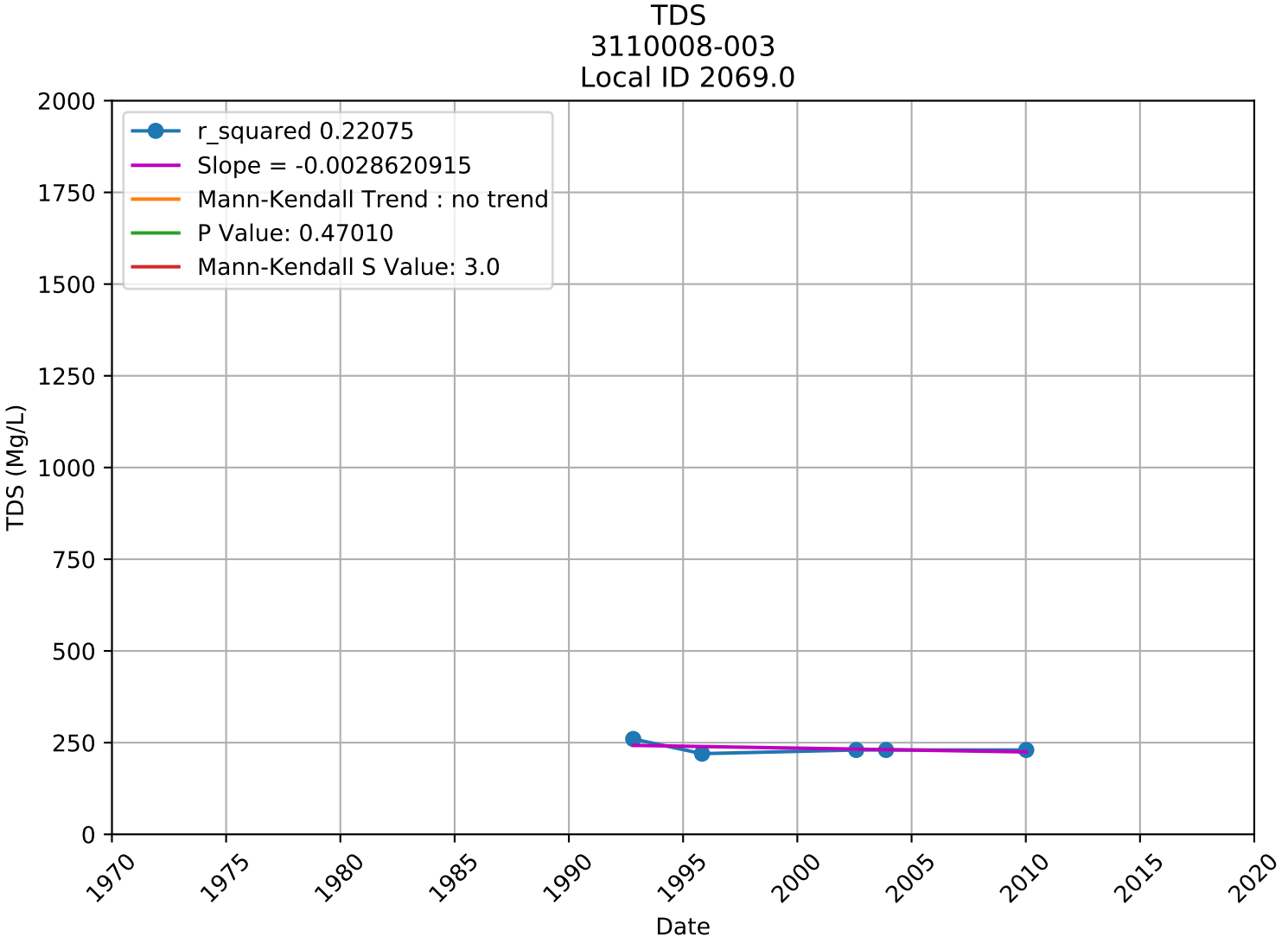

TDS
12N04E25N001M
Local ID 2956.0
r_squared 0.93328
Slope = 0.0148435771
Mann-Kendall Trend : no trend
P Value: 0.70711
Mann-Kendall S Value: 3.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

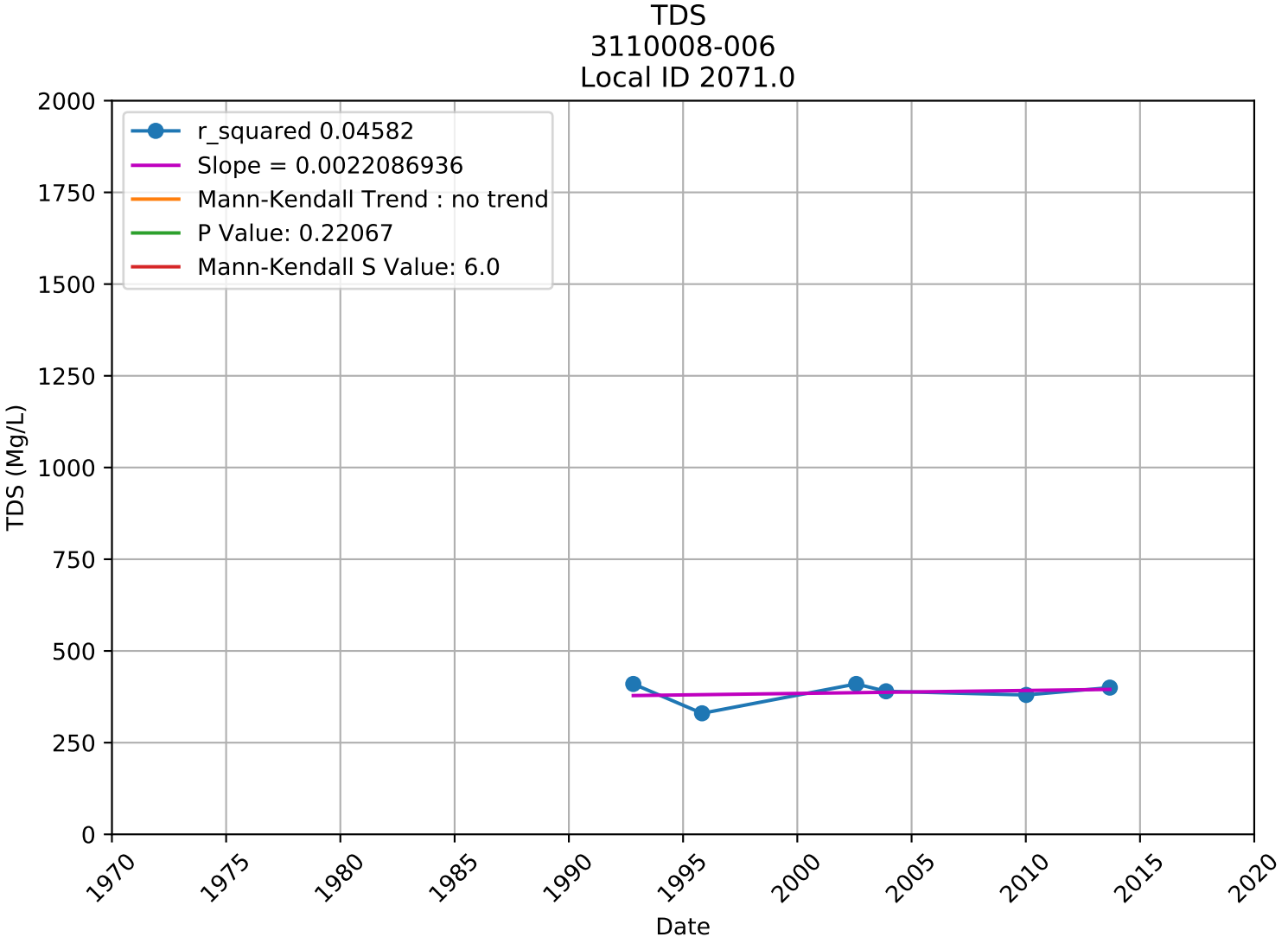

TDS
3100538-001
Local ID 2059.0
r_squared 0.00078
Slope = 0.0014559619
Mann-Kendall Trend : no trend
P Value: 0.08943
Mann-Kendall S Value: 6.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

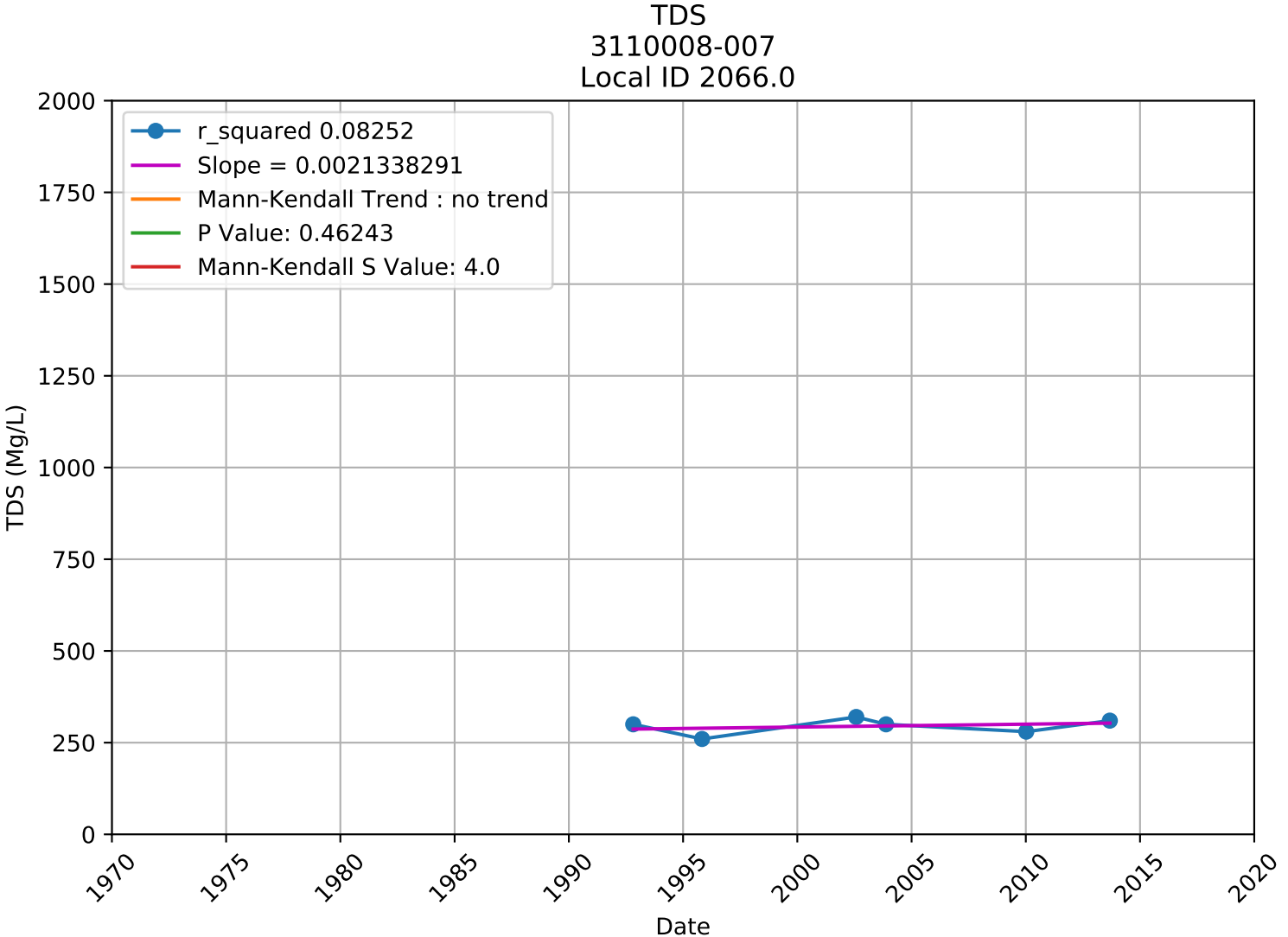

TDS
3110004-002
Local ID 2057.0
r_squared 0.11399
Slope = -0.0026108946
Mann-Kendall Trend : no trend
P Value: 0.13285
Mann-Kendall S Value: -9.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
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1990
1995
2000
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2010
2015
2020
Date

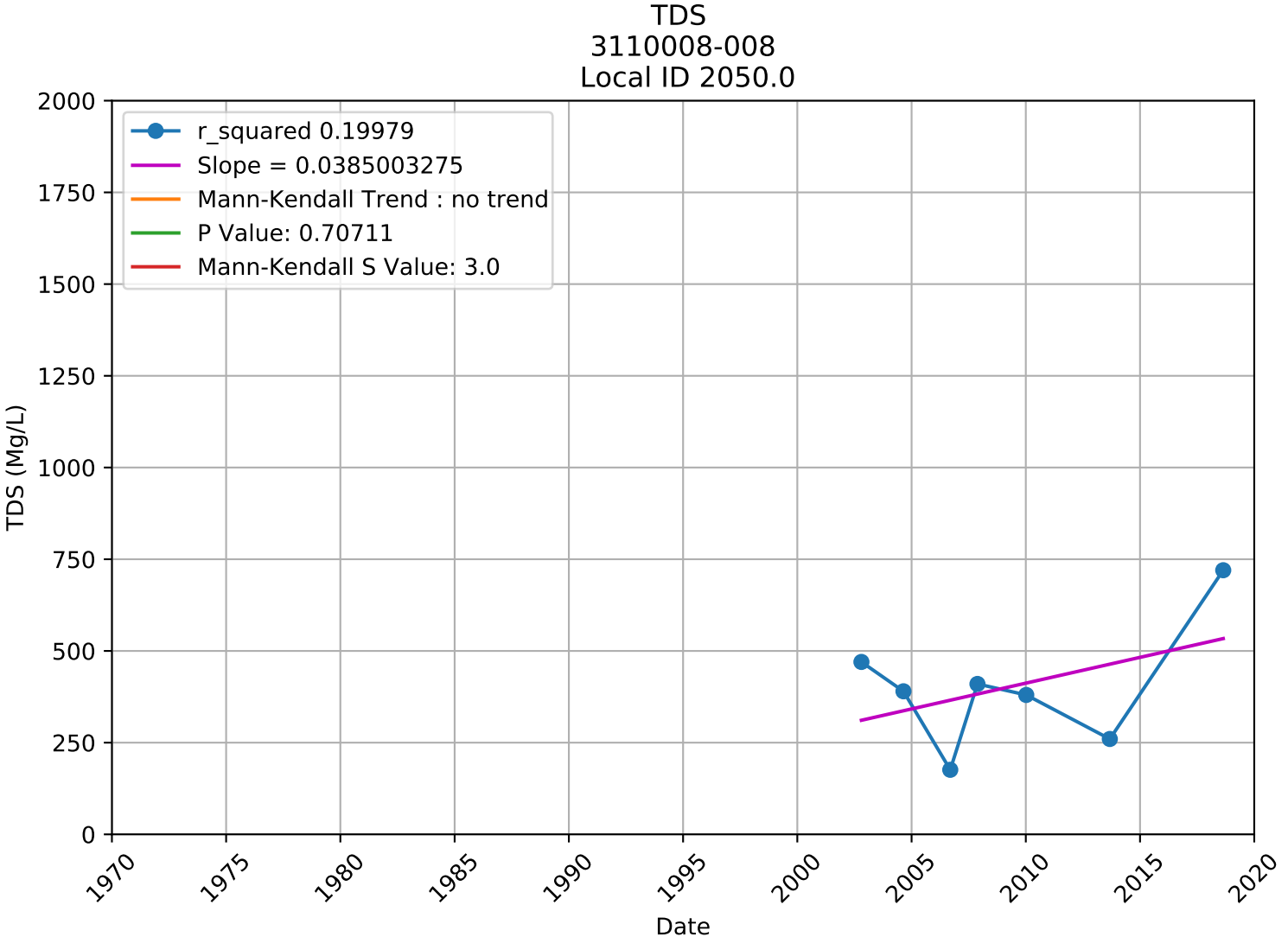

TDS
3110004-003
Local ID 2068.0
r_squared 0.01996
Slope = 0.0010378601
Mann-Kendall Trend : no trend
P Value: 0.45237
Mann-Kendall S Value: 5.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

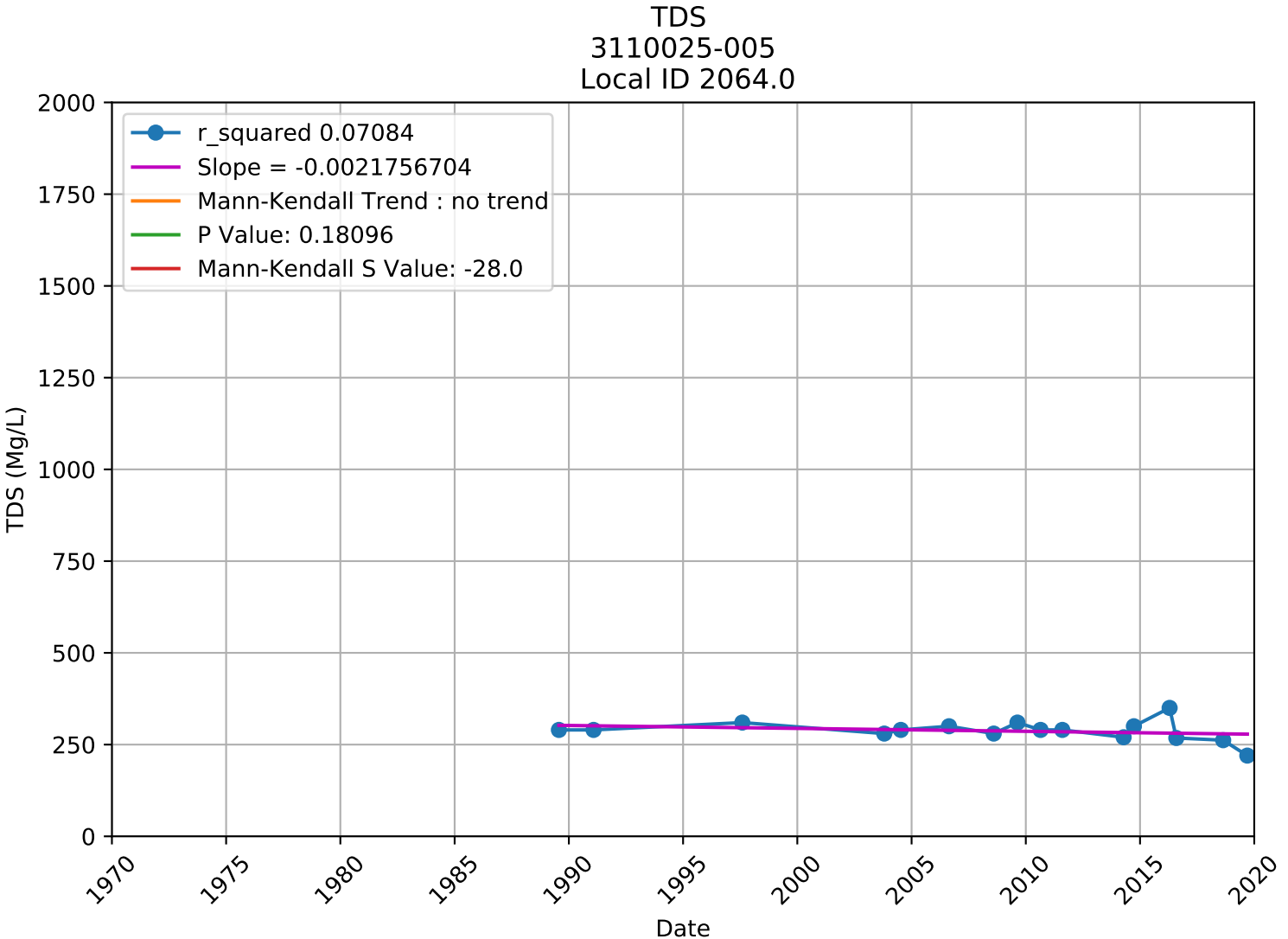

TDS
3110004-011
Local ID 2061.0
r_squared 0.11987
Slope = -0.0039883636
Mann-Kendall Trend : no trend
P Value: 0.30818
Mann-Kendall S Value: -4.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

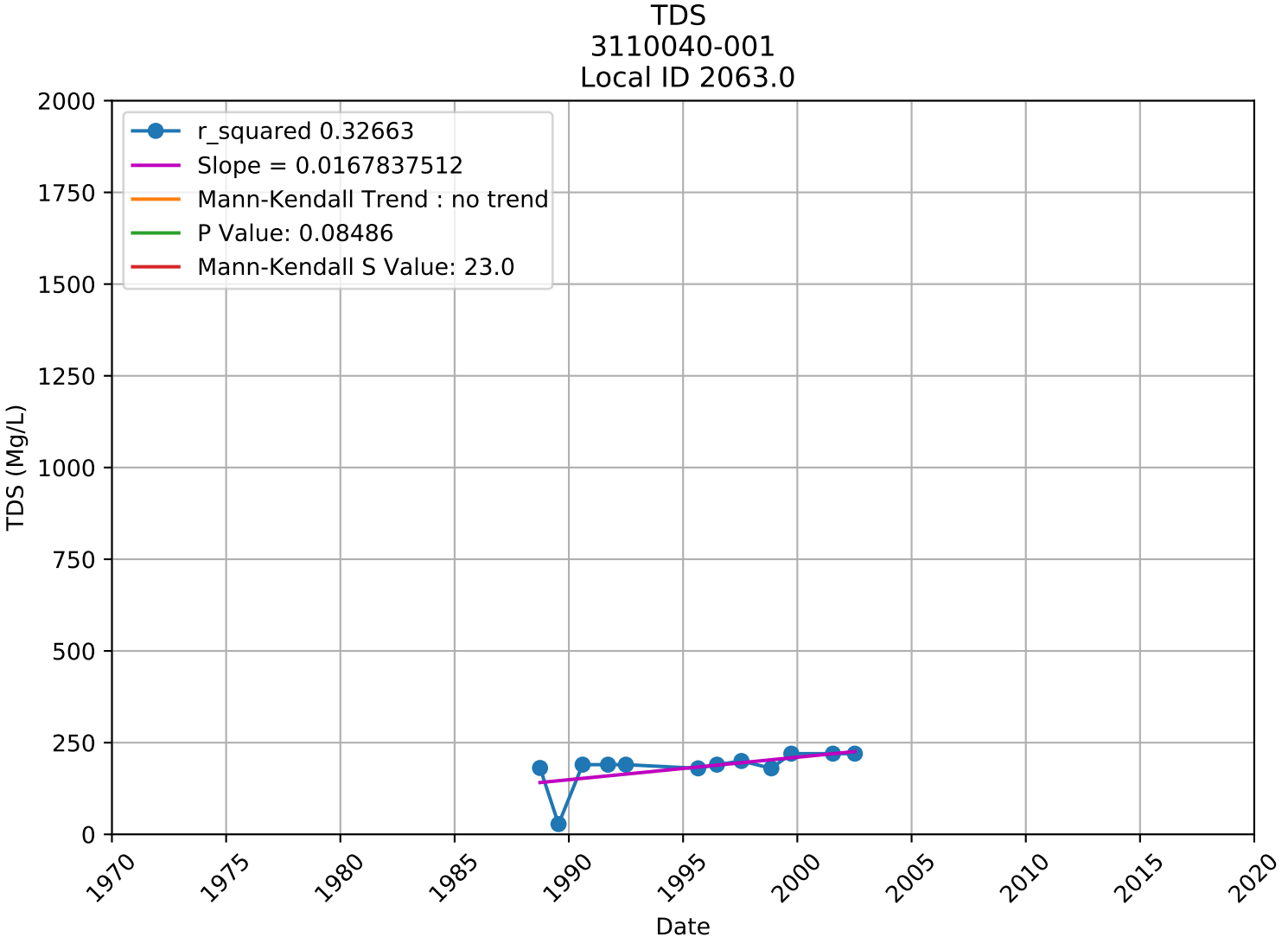

TDS
3110008-003
Local ID 2069.0
r_squared 0.22075
Slope = -0.0028620915
Mann-Kendall Trend : no trend
P Value: 0.47010
Mann-Kendall S Value: 3.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

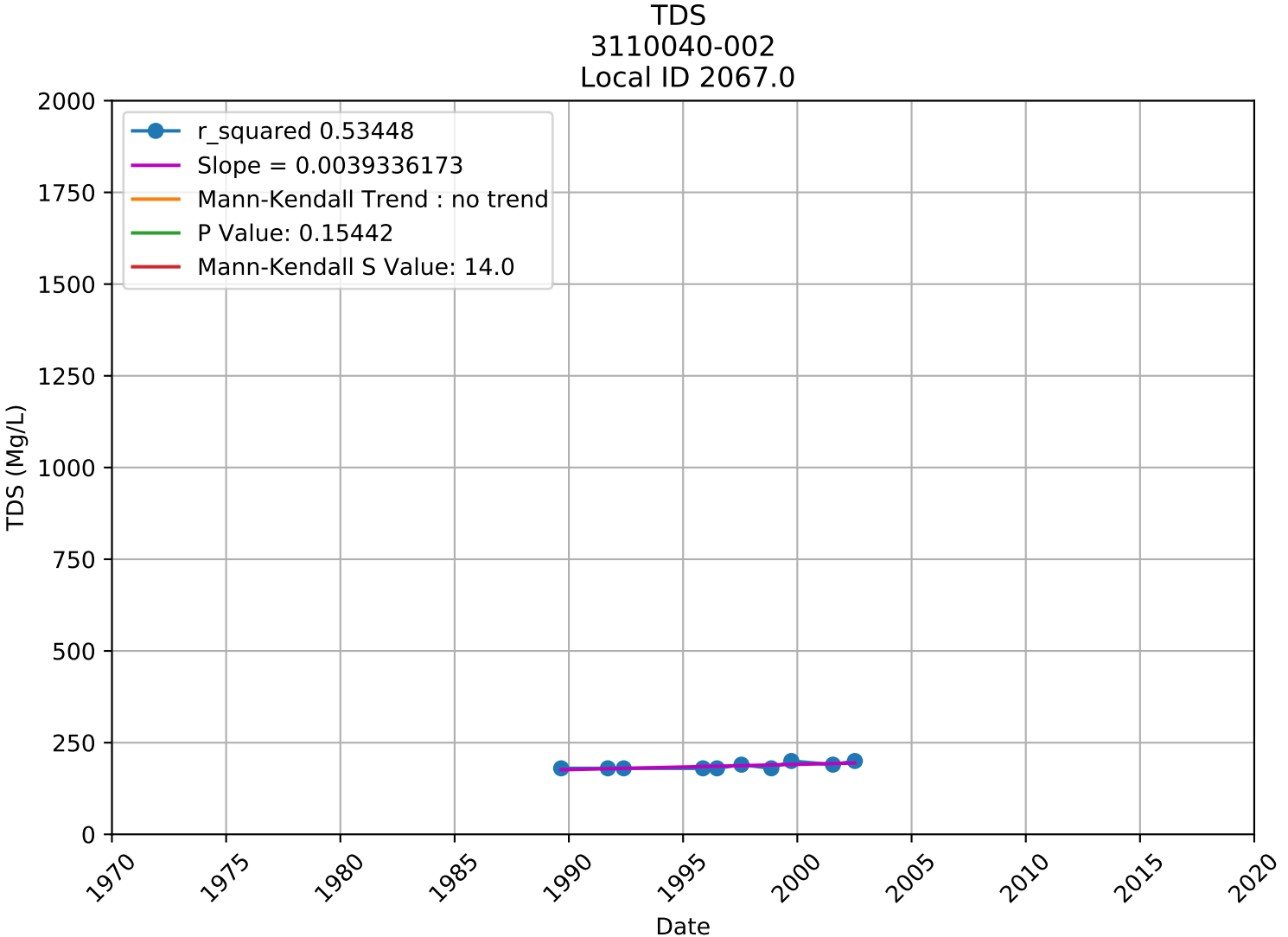

TDS
3110008-006
Local ID 2071.0
r_squared 0.04582
Slope = 0.0022086936
Mann-Kendall Trend : no trend
P Value: 0.22067
Mann-Kendall S Value: 6.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

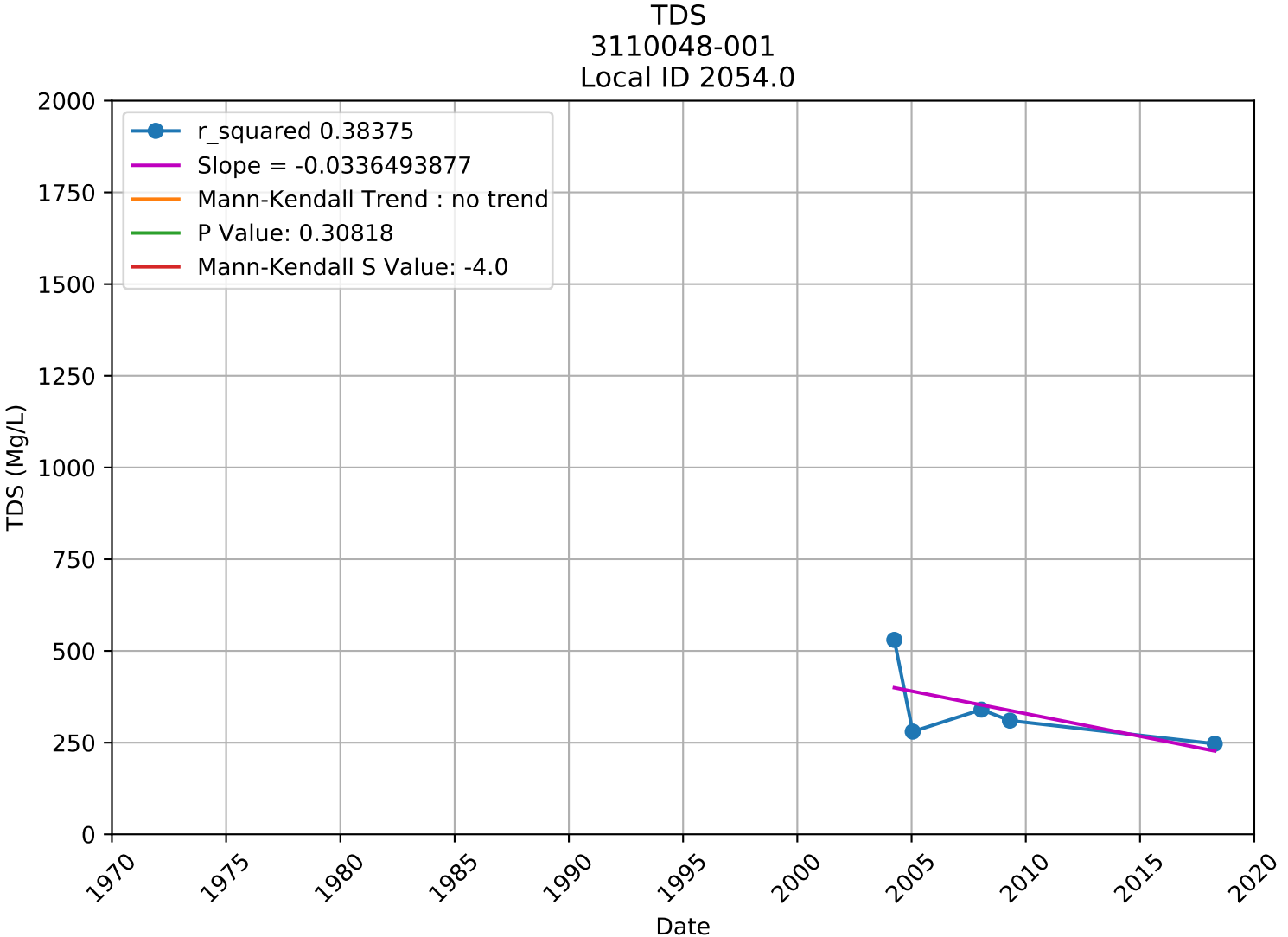

TDS
3110008-007
Local ID 2066.0
r_squared 0.08252
Slope = 0.0021338291
Mann-Kendall Trend : no trend
P Value: 0.46243
Mann-Kendall S Value: 4.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
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1985
1990
1995
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2005
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2015
2020

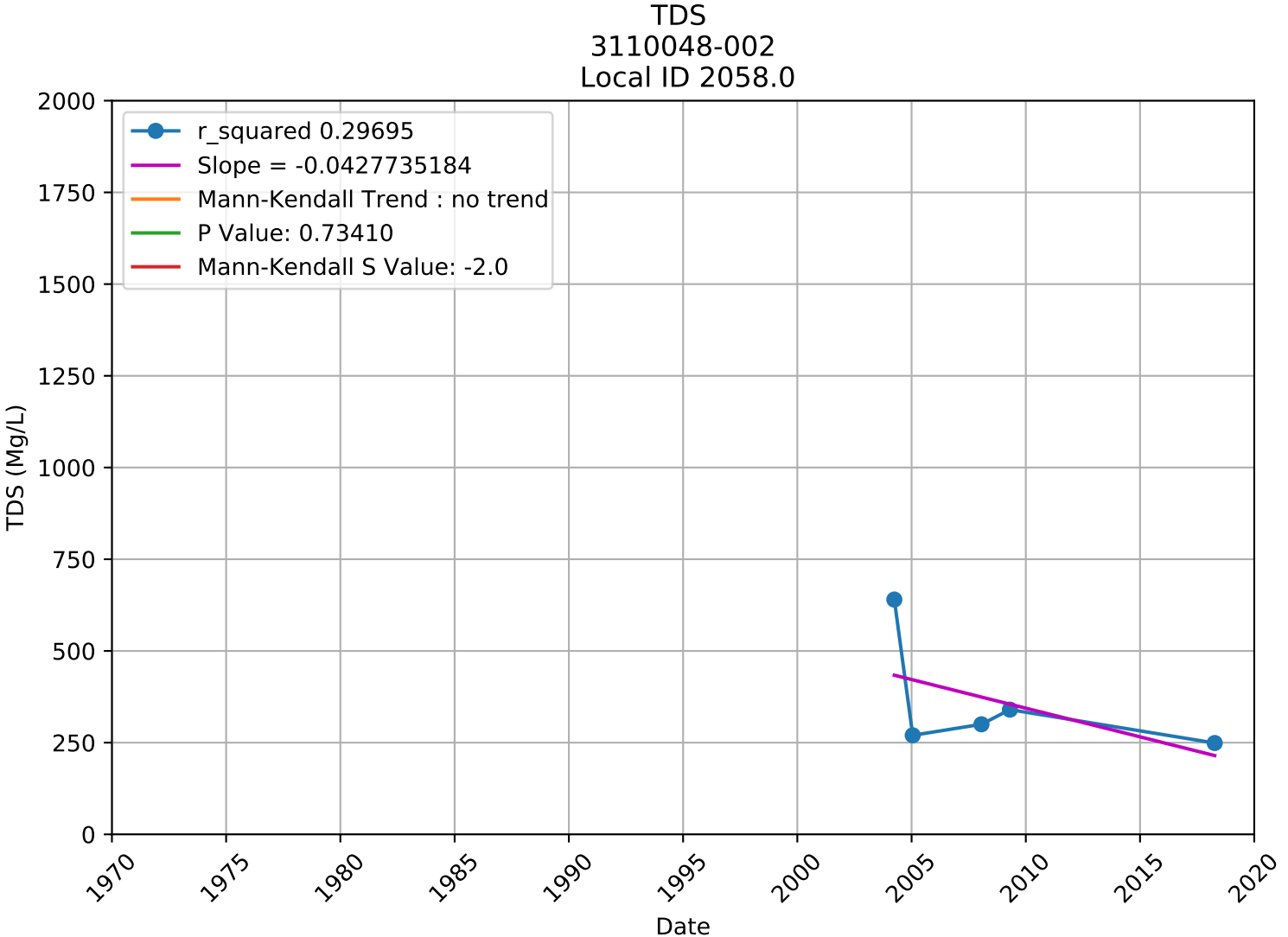

TDS
3110008-008
Local ID 2050.0
r_squared 0.19979
Slope = 0.0385003275
Mann-Kendall Trend : no trend
P Value: 0.70711
Mann-Kendall S Value: 3.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

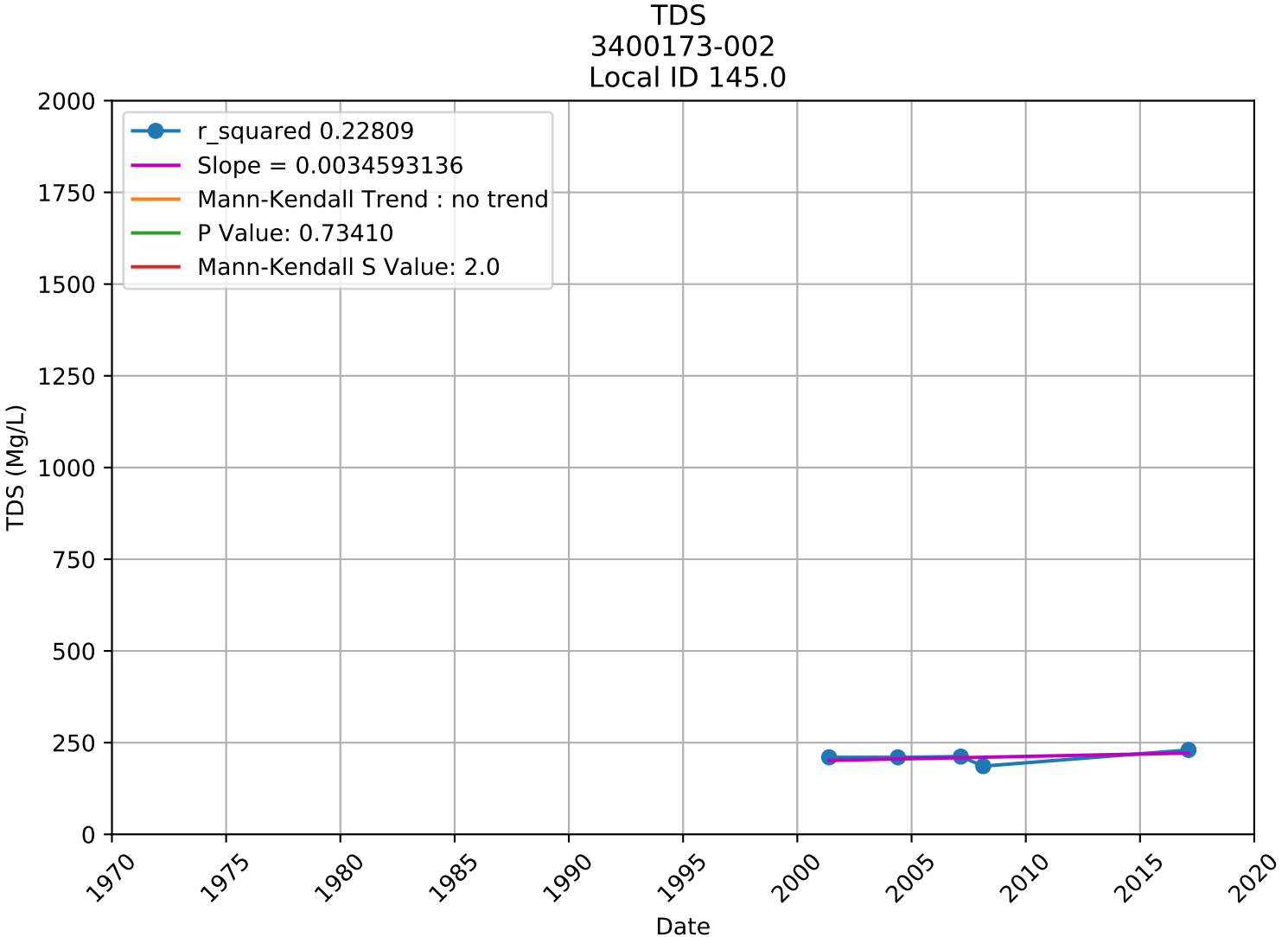

TDS
3110025-005
Local ID 2064.0
r_squared 0.07084
Slope = -0.0021756704
Mann-Kendall Trend : no trend
P Value: 0.18096
Mann-Kendall S Value: -28.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

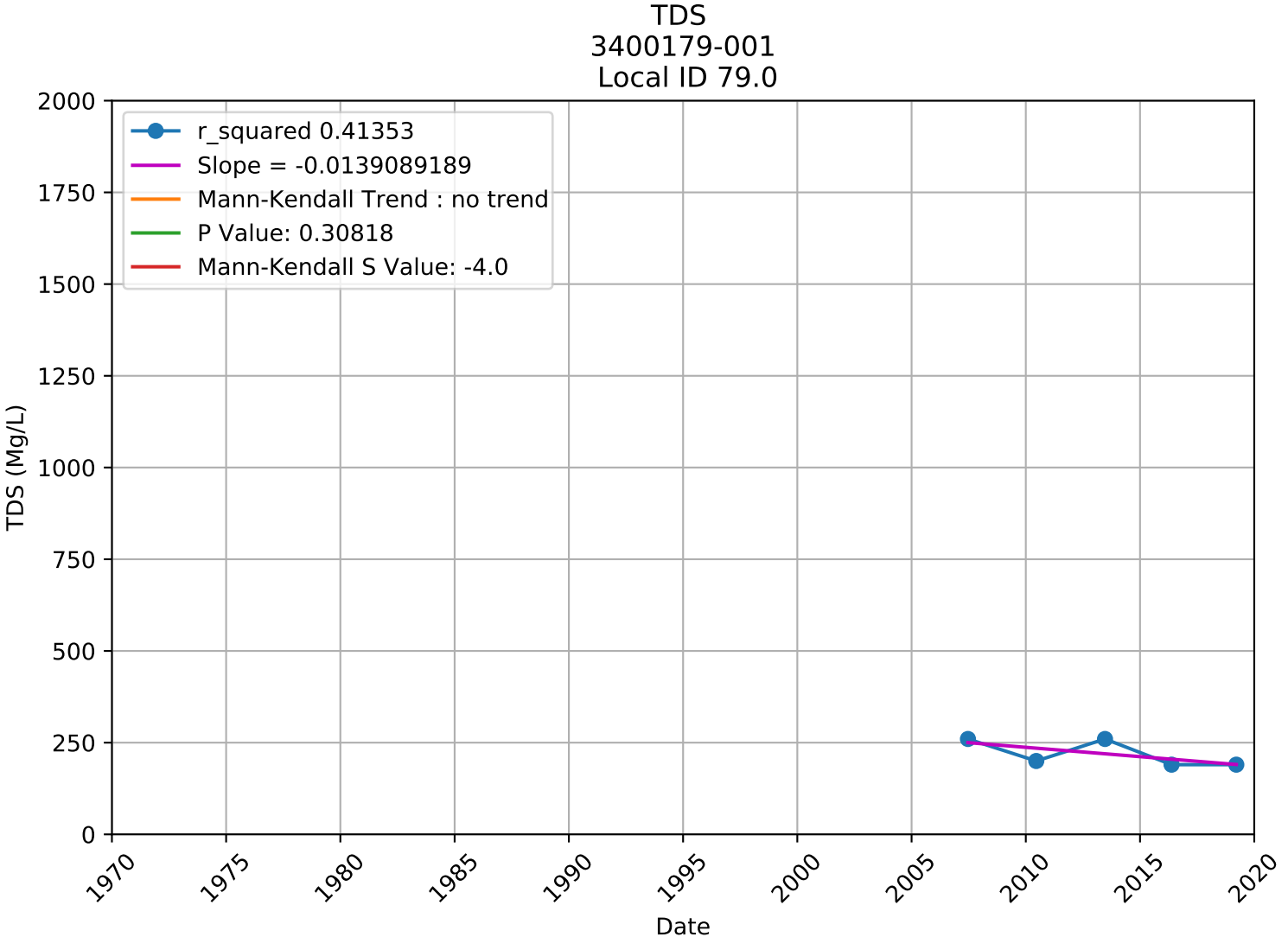

TDS
3110040-001
Local ID 2063.0
r_squared 0.32663
Slope = 0.0167837512
Mann-Kendall Trend : no trend
P Value: 0.08486
Mann-Kendall S Value: 23.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
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1980
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1995
2000
2005
2010
2015
2020
Date

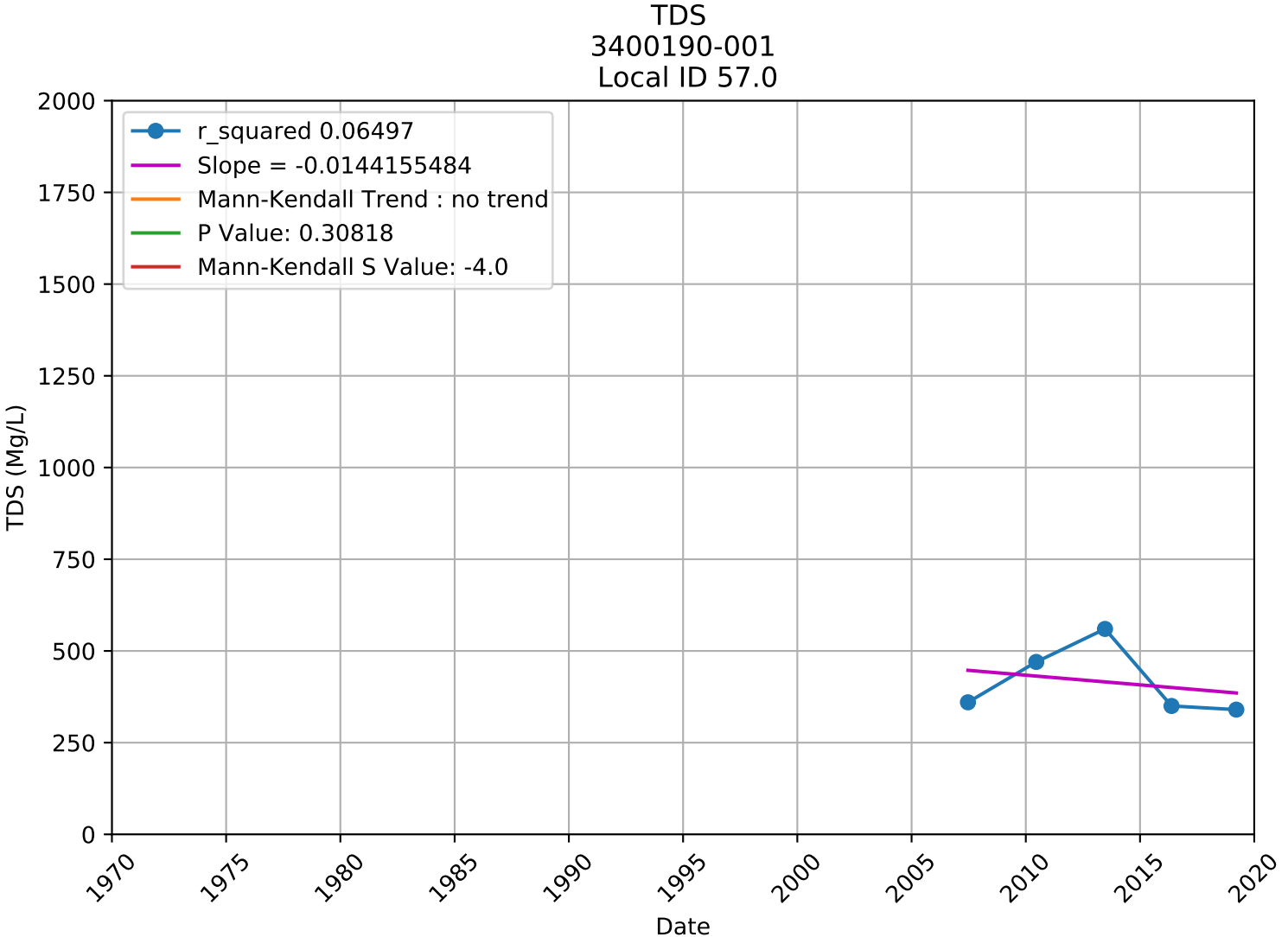

TDS
3110040-002
Local ID 2067.0
r_squared 0.53448
Slope = 0.0039336173
Mann-Kendall Trend : no trend
P Value: 0.15442
Mann-Kendall S Value: 14.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

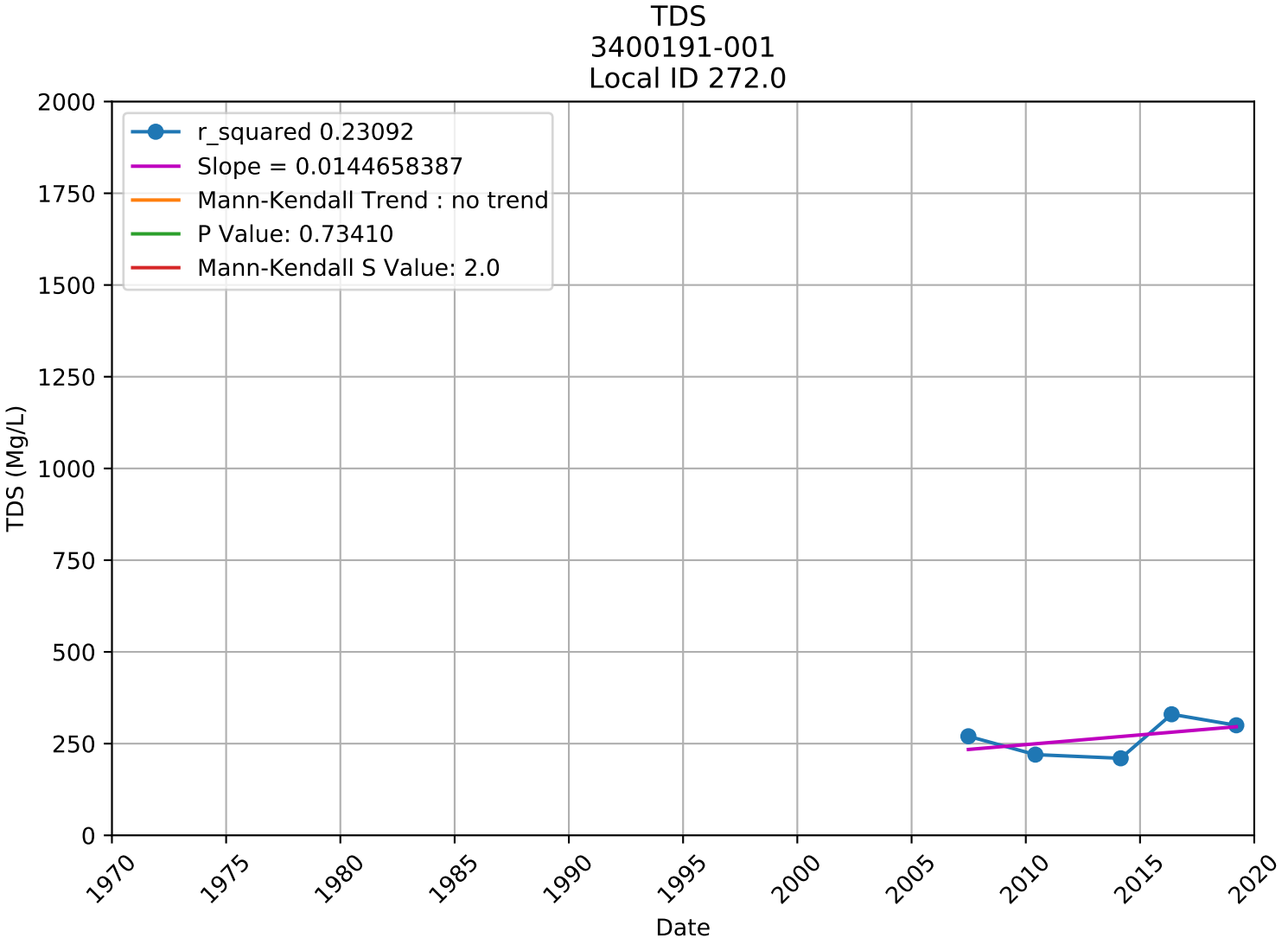

TDS
3110048-001
Local ID 2054.0
r_squared 0.38375
Slope = -0.0336493877
Mann-Kendall Trend : no trend
P Value: 0.30818
Mann-Kendall S Value: -4.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

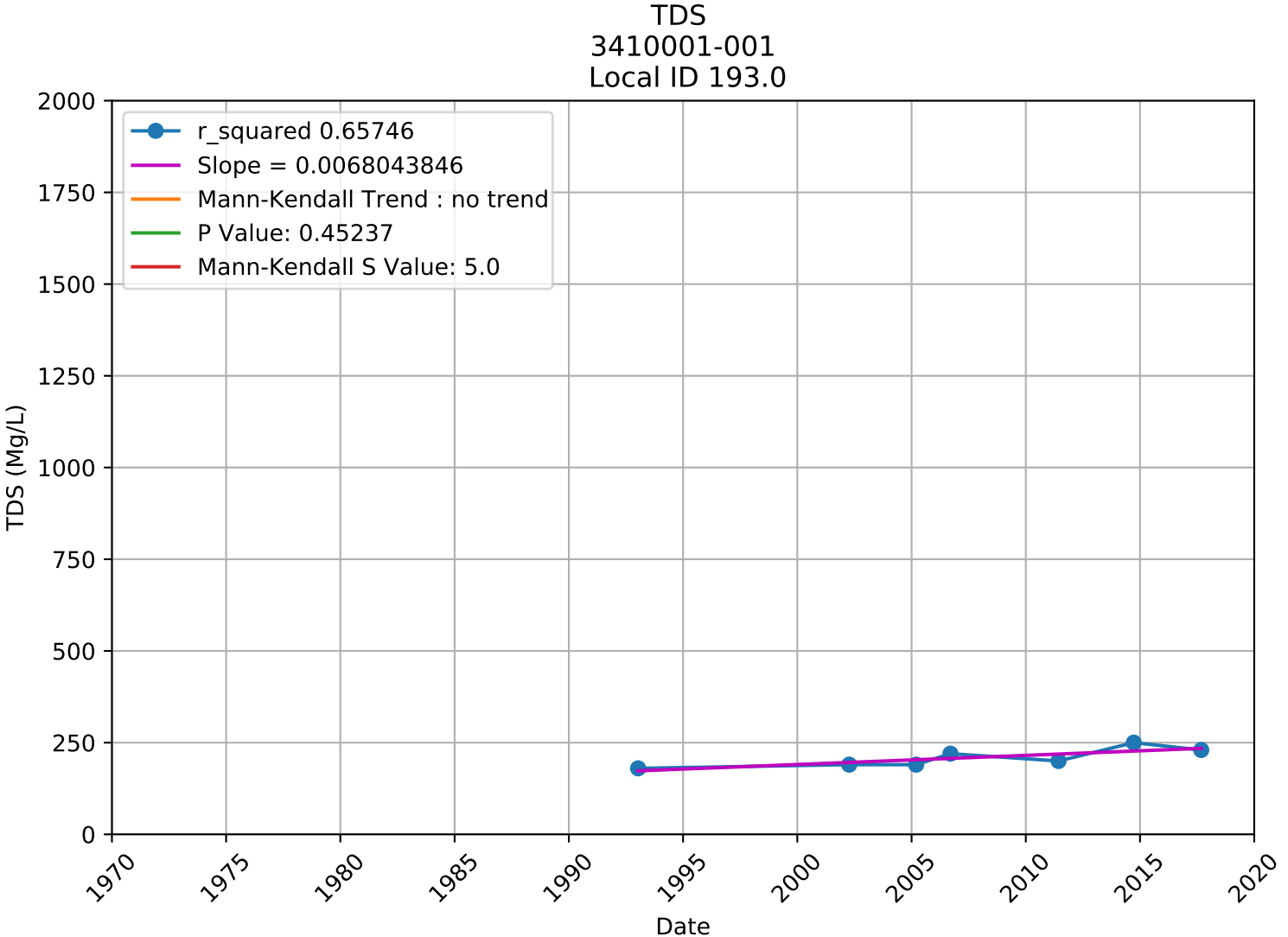

TDS
3110048-002
Local ID 2058.0
r_squared 0.29695
Slope = -0.0427735184
Mann-Kendall Trend : no trend
P Value: 0.73410
Mann-Kendall S Value: -2.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

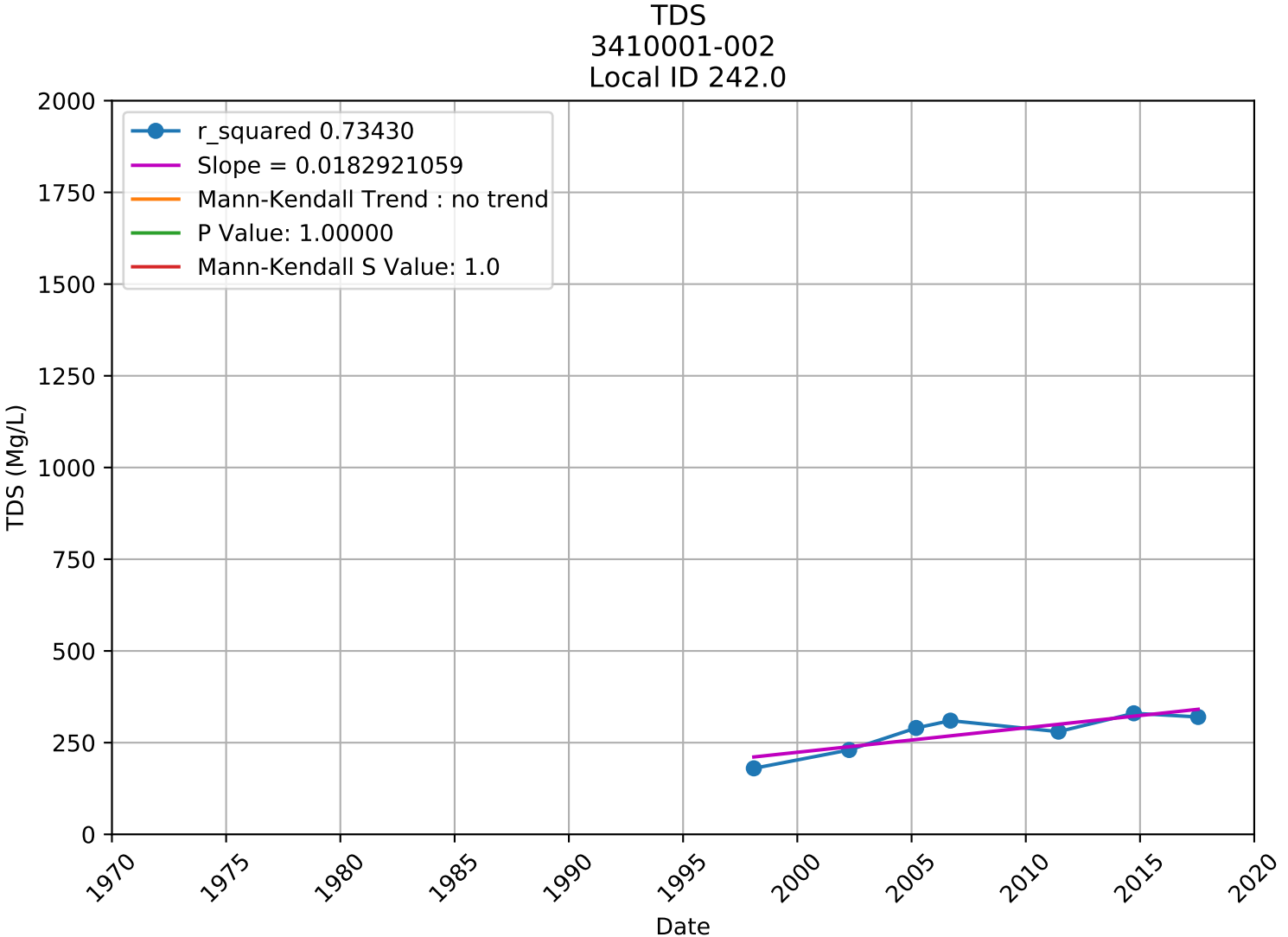

TDS
3400173-002
Local ID 145.0
r_squared 0.22809
Slope = 0.0034593136
Mann-Kendall Trend : no trend
P Value: 0.73410
Mann-Kendall S Value: 2.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

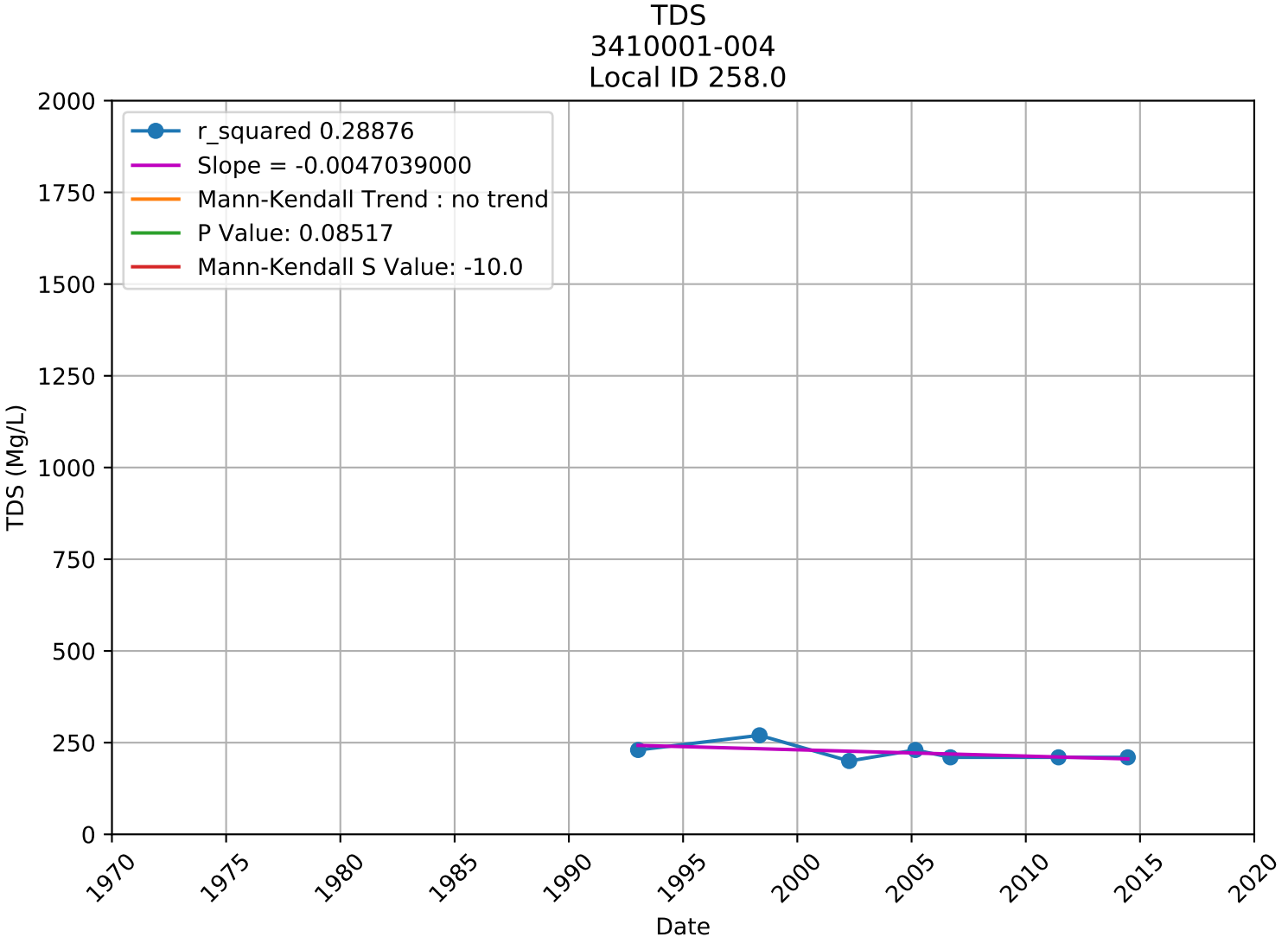

TDS
3400179-001
Local ID 79.0
r_squared 0.41353
Slope = -0.0139089189
Mann-Kendall Trend : no trend
P Value: 0.30818
Mann-Kendall S Value: -4.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

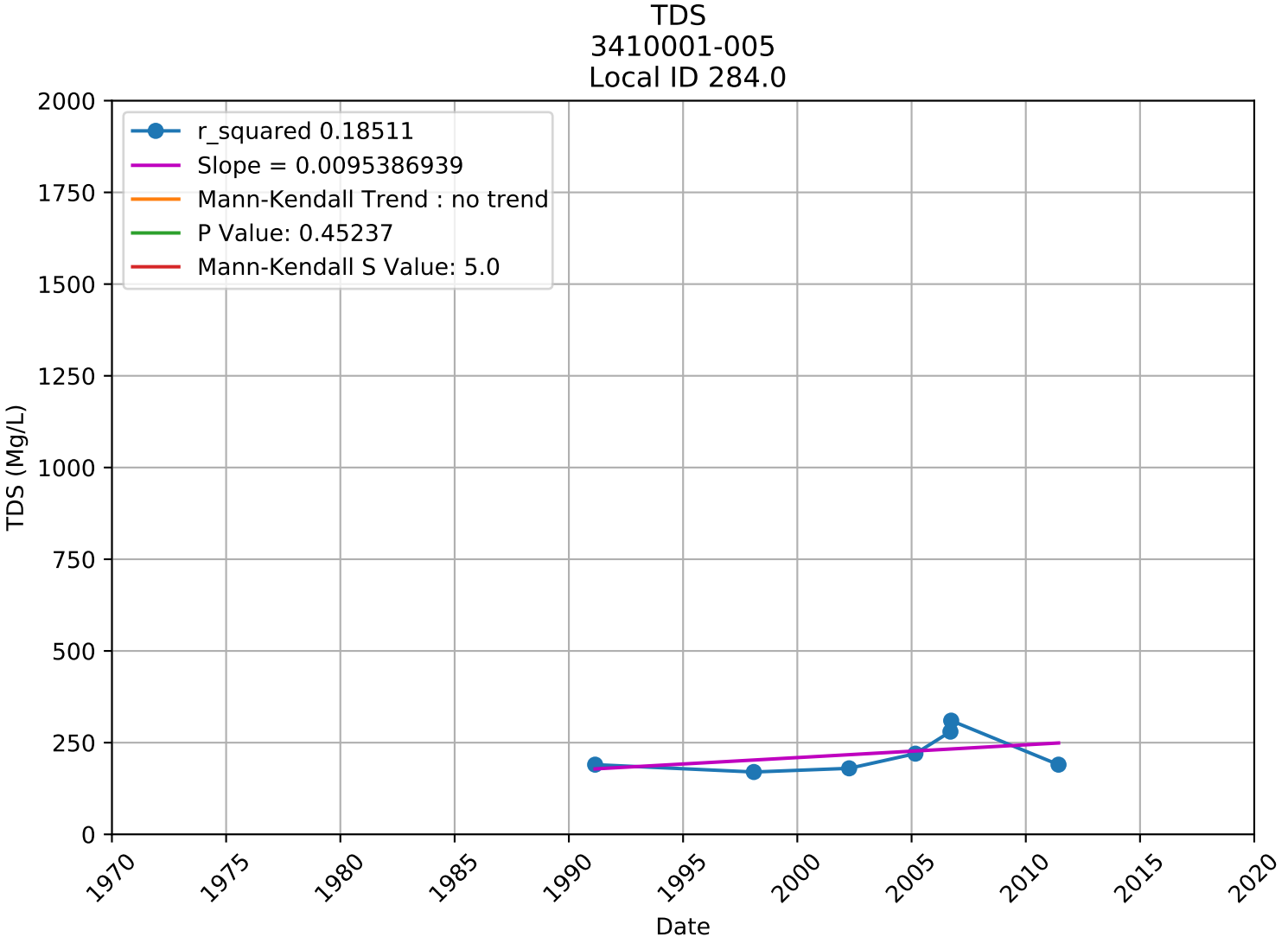

TDS
3400190-001
Local ID 57.0
r_squared 0.06497
Slope = -0.0144155484
Mann-Kendall Trend : no trend
P Value: 0.30818
Mann-Kendall S Value: -4.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

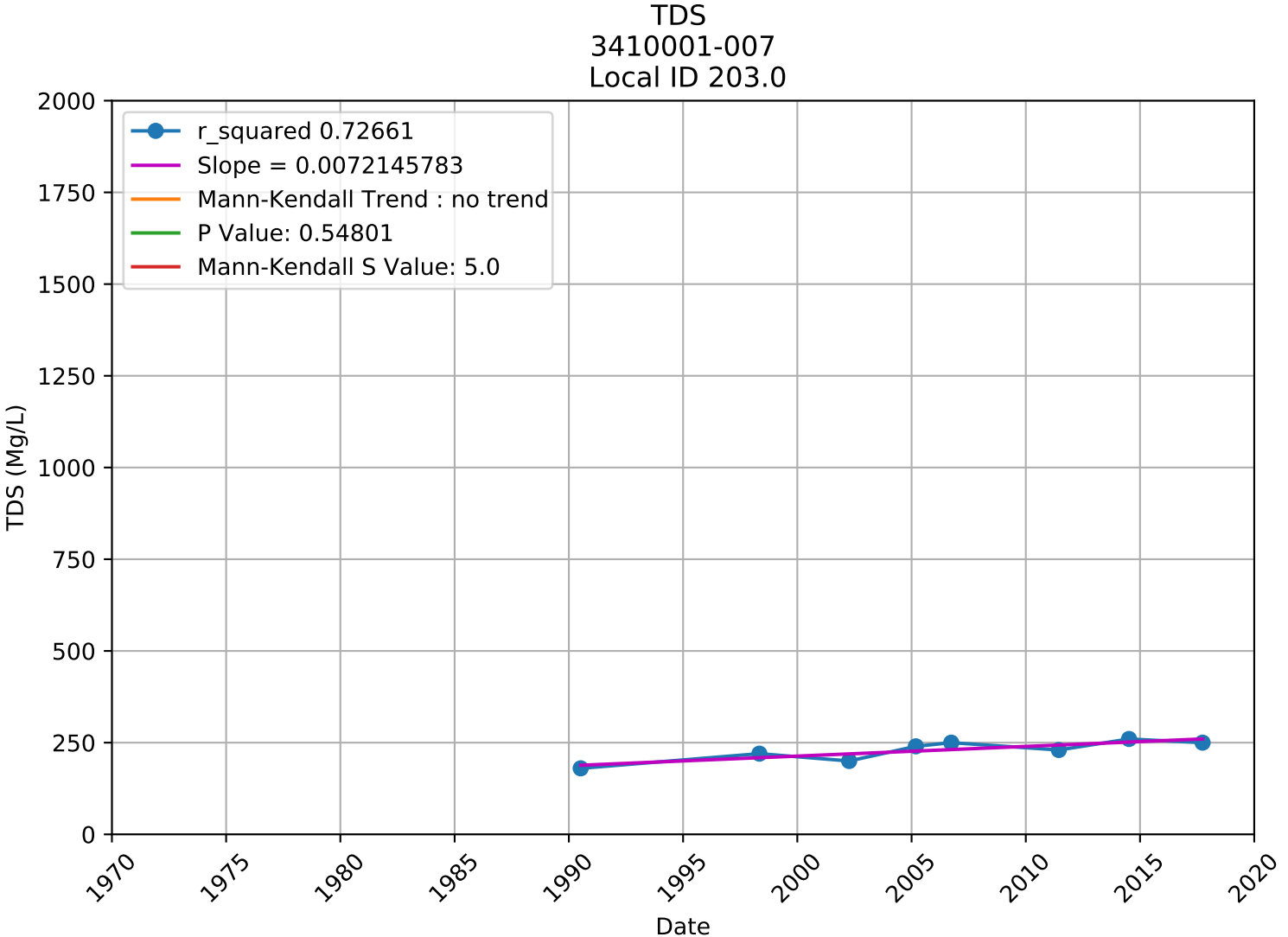

TDS
3400191-001
Local ID 272.0
r_squared 0.23092
Slope = 0.0144658387
Mann-Kendall Trend : no trend
P Value: 0.73410
Mann-Kendall S Value: 2.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

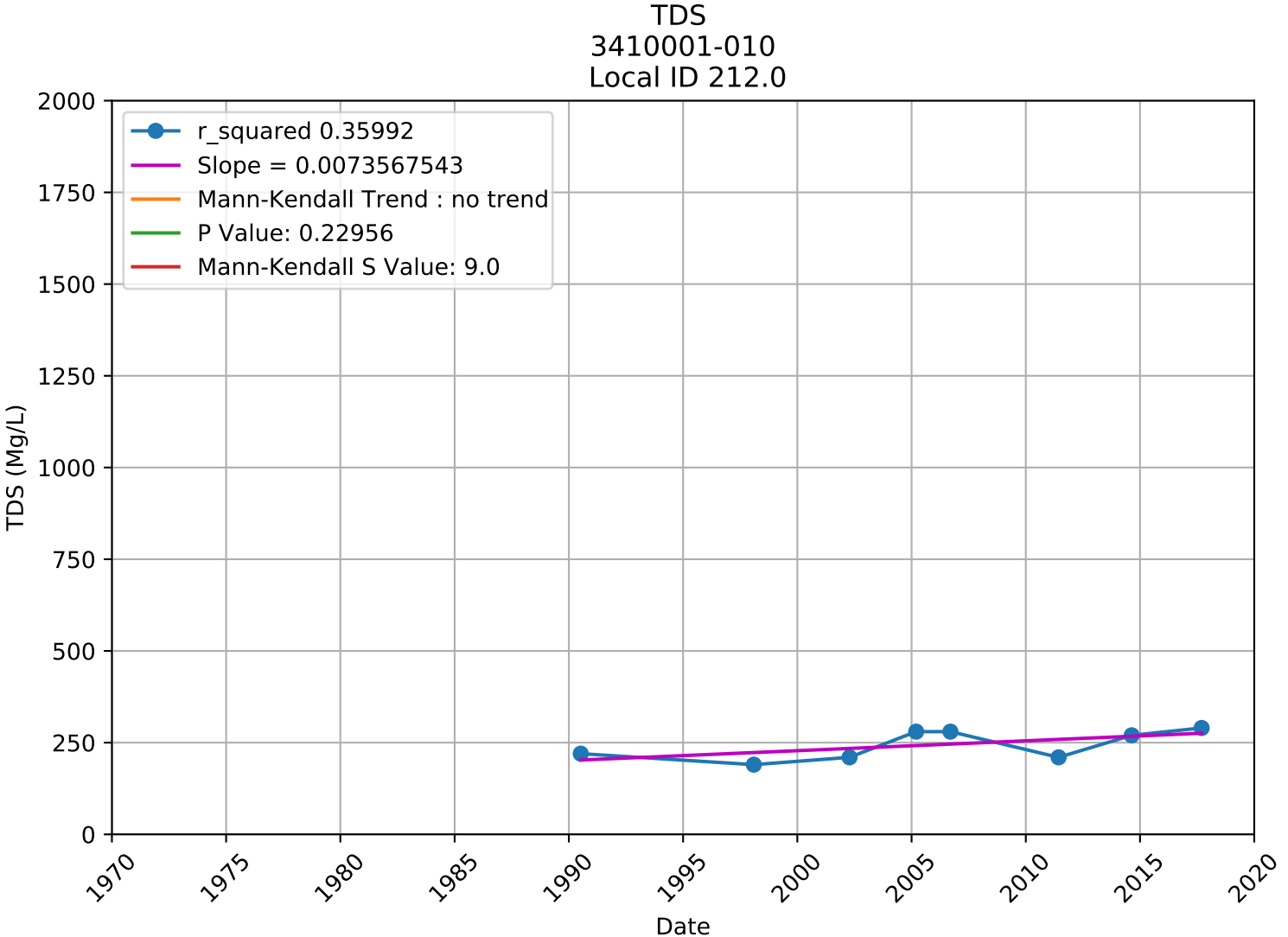

TDS
3410001-001
Local ID 193.0
r_squared 0.65746
Slope = 0.0068043846
Mann-Kendall Trend : no trend
P Value: 0.45237
Mann-Kendall S Value: 5.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

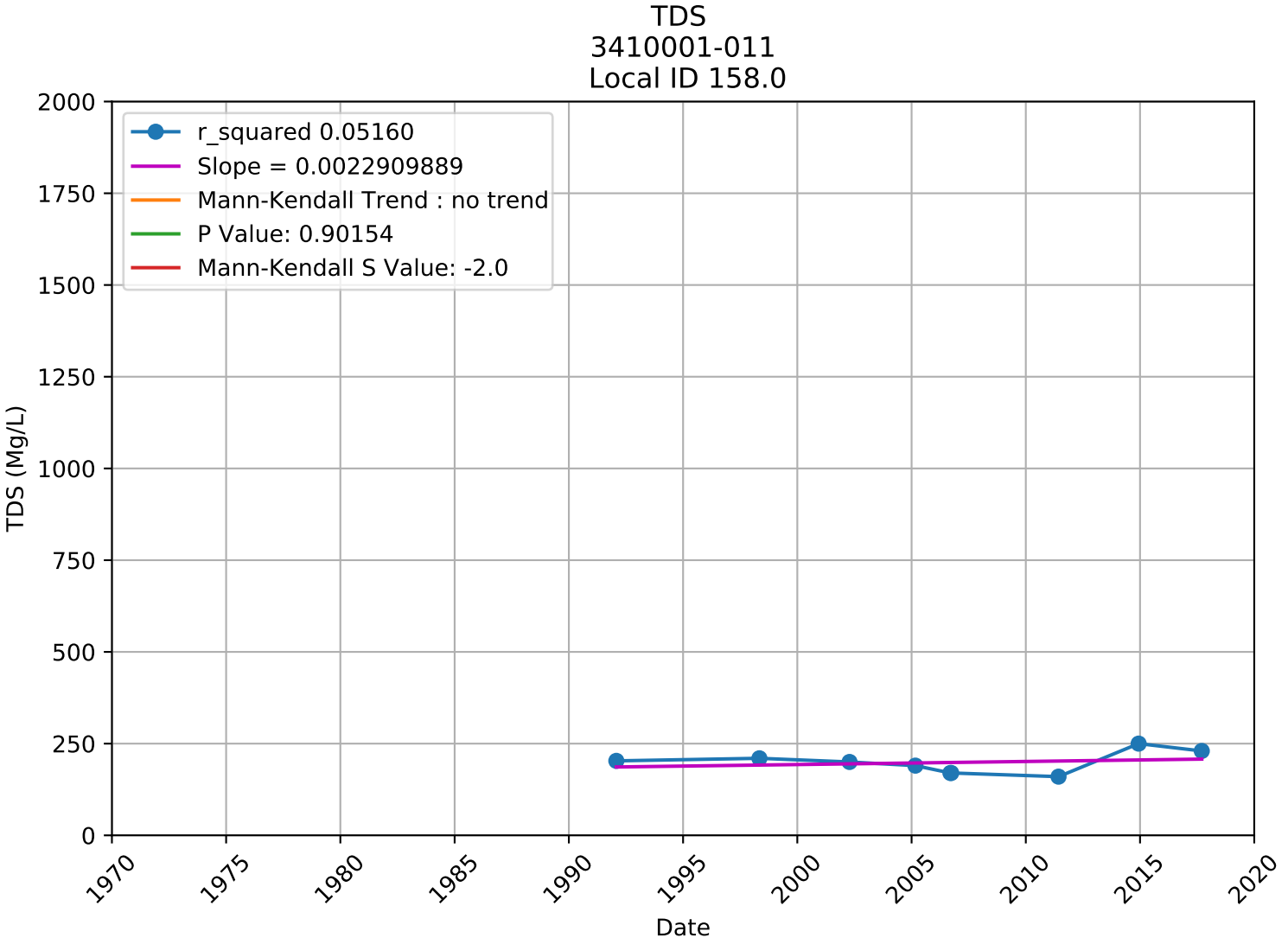

TDS
3410001-002
Local ID 242.0
r_squared 0.73430
Slope = 0.0182921059
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

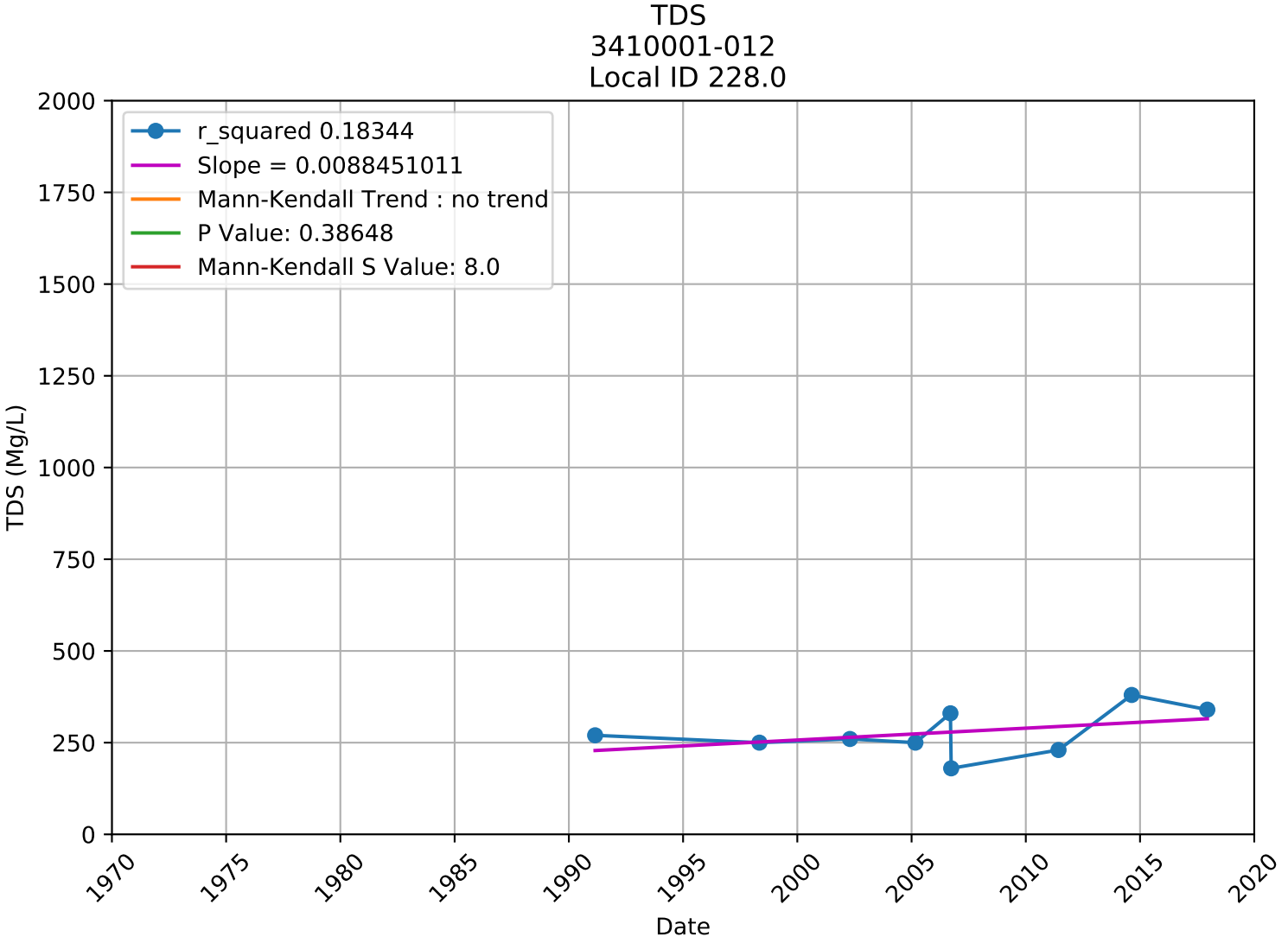

TDS
3410001-004
Local ID 258.0
r_squared 0.28876
Slope = -0.0047039000
Mann-Kendall Trend : no trend
P Value: 0.08517
Mann-Kendall S Value: -10.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

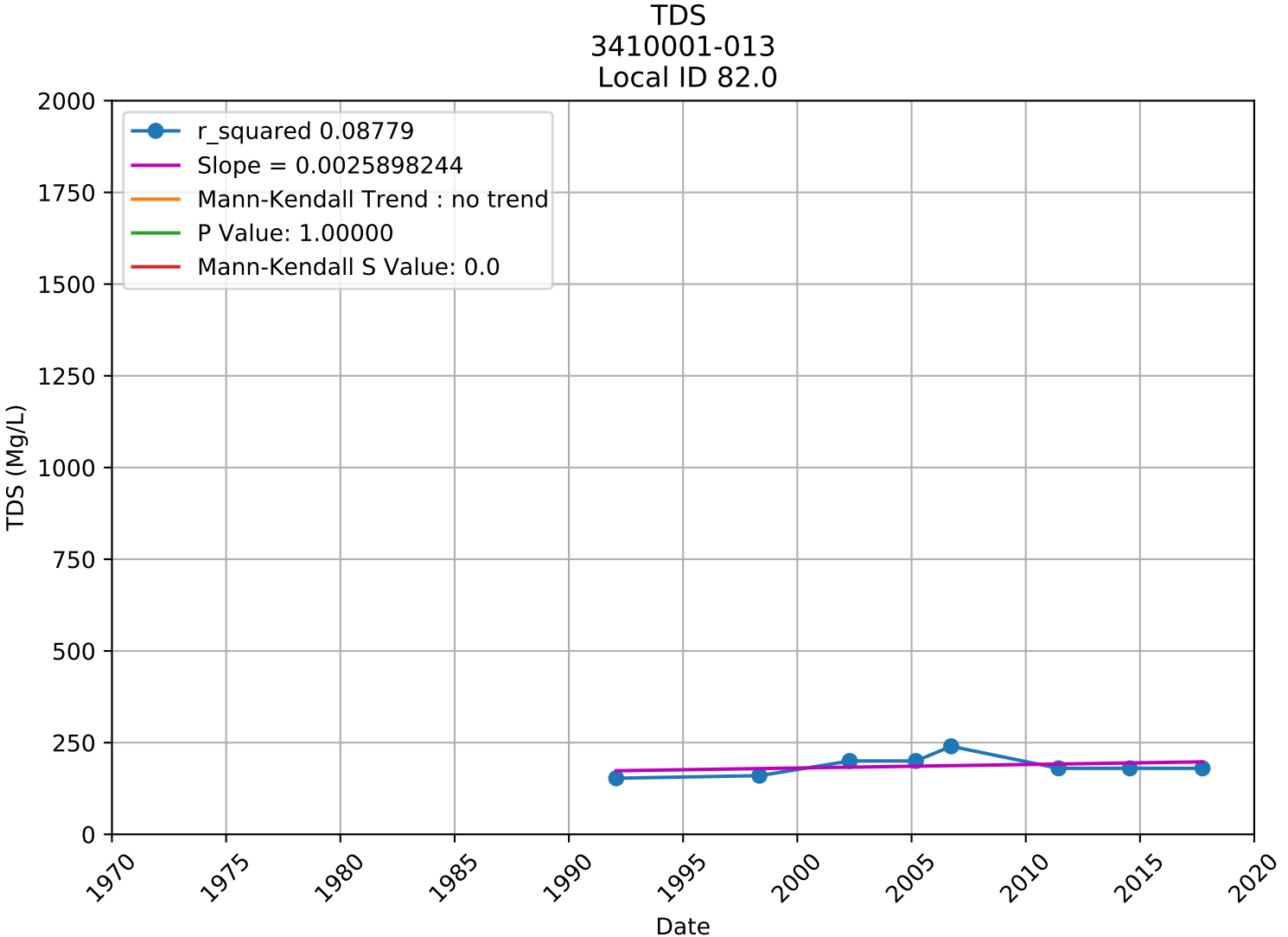

TDS
3410001-005
Local ID 284.0
r_squared 0.18511
Slope = 0.0095386939
Mann-Kendall Trend : no trend
P Value: 0.45237
Mann-Kendall S Value: 5.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

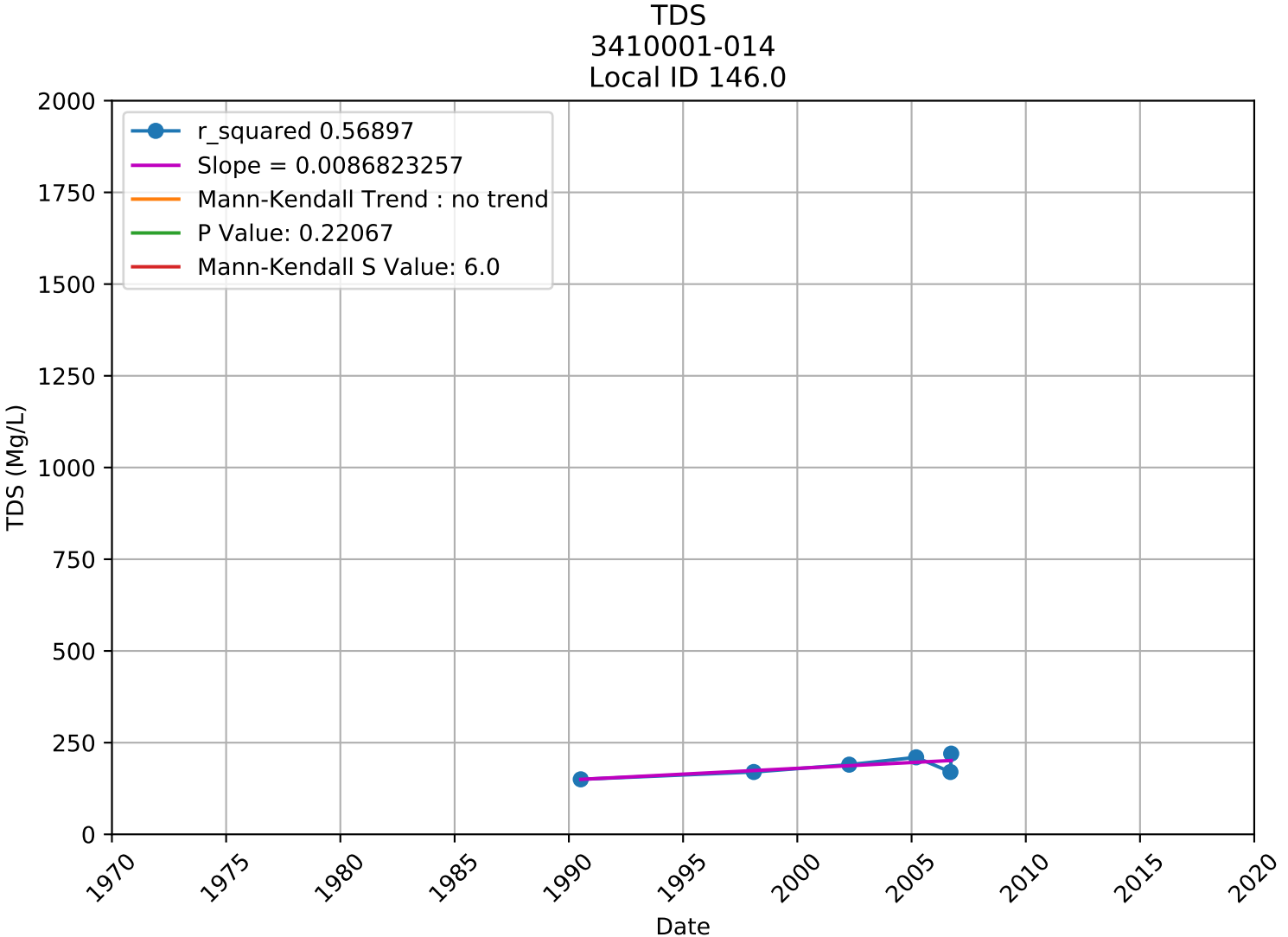

TDS
3410001-007
Local ID 203.0
r_squared 0.72661
Slope = 0.0072145783
Mann-Kendall Trend : no trend
P Value: 0.54801
Mann-Kendall S Value: 5.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

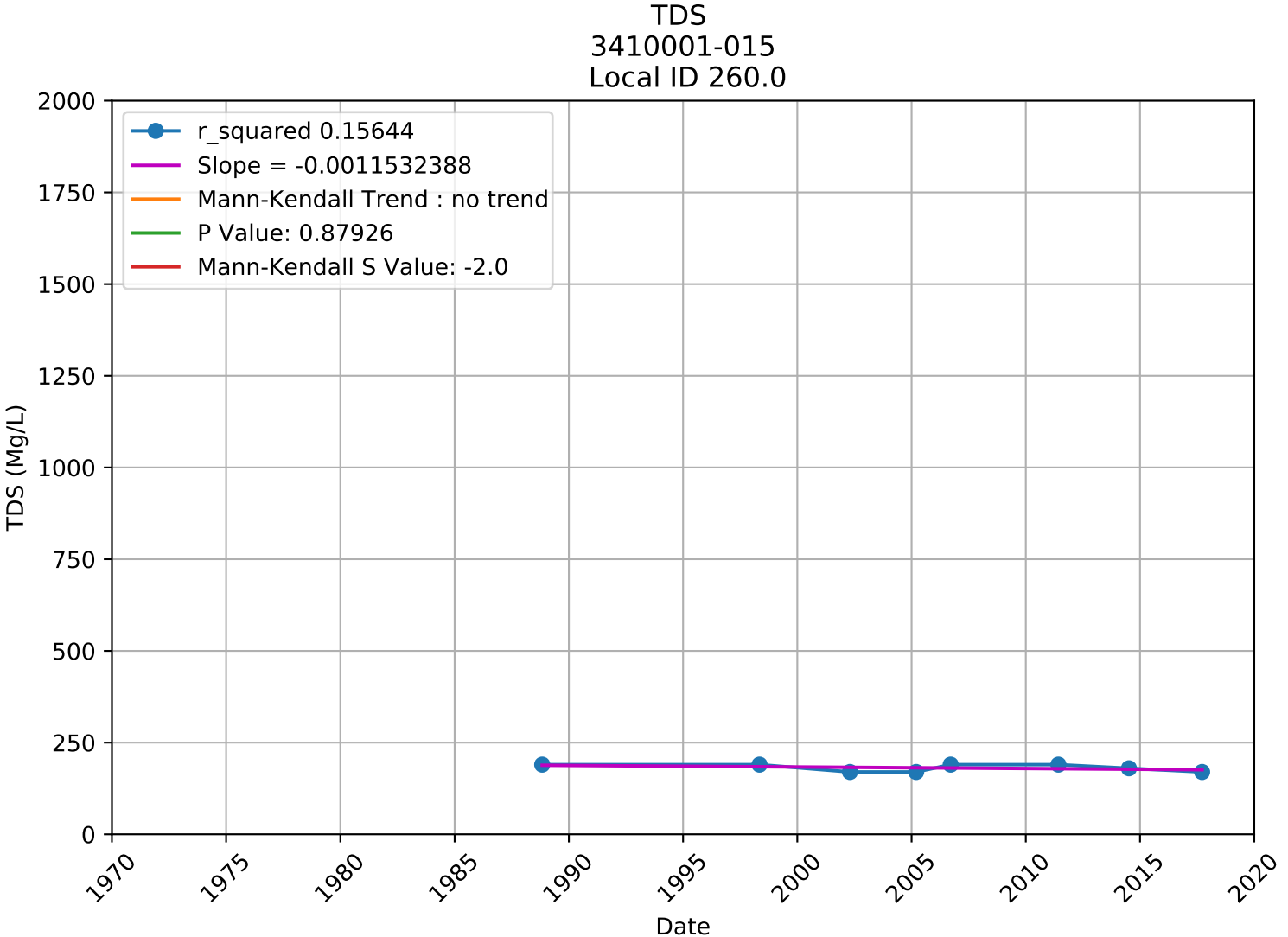

TDS
3410001-010
Local ID 212.0
r_squared 0.35992
Slope = 0.0073567543
Mann-Kendall Trend : no trend
P Value: 0.22956
Mann-Kendall S Value: 9.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

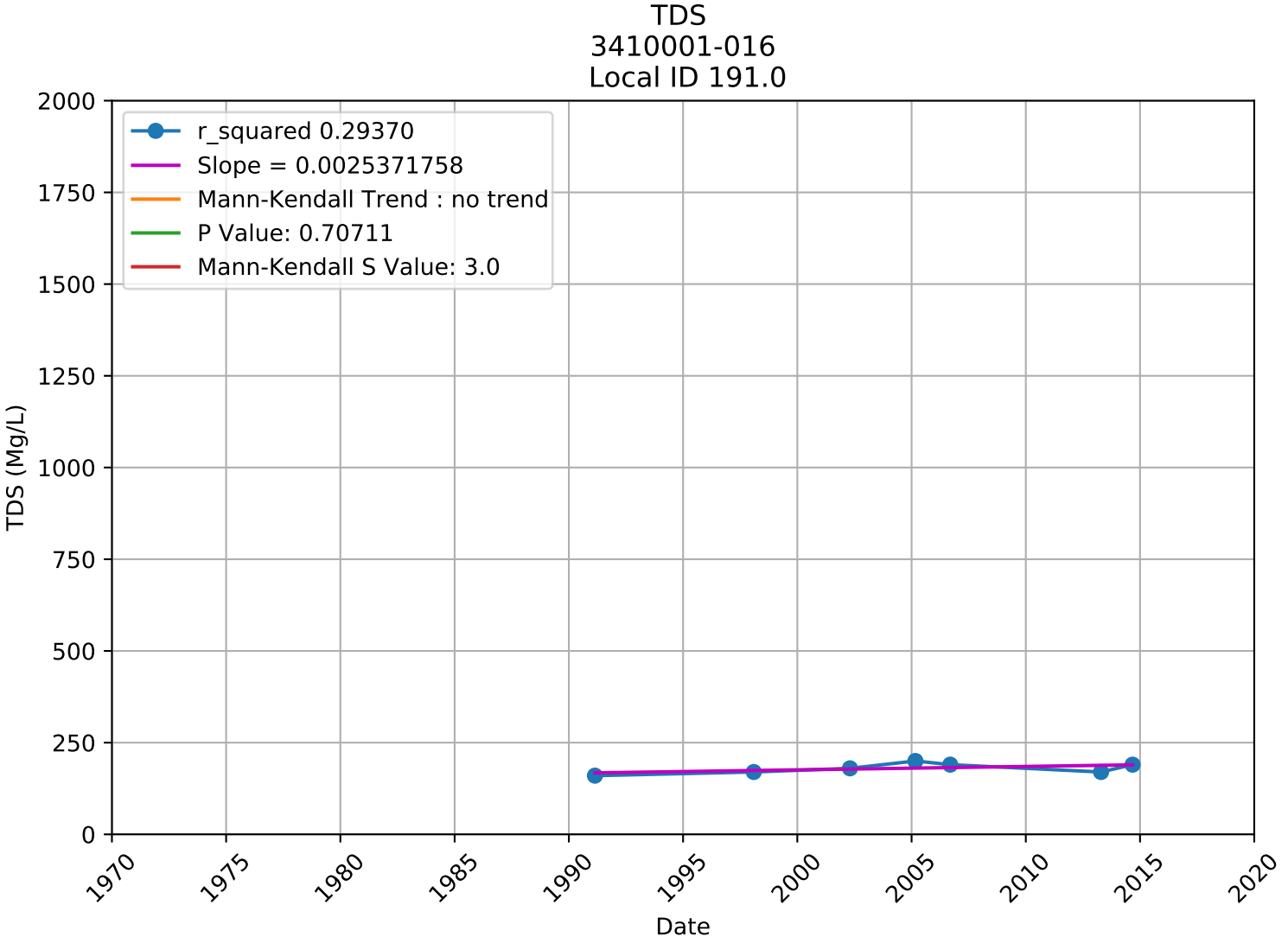

TDS
3410001-011
Local ID 158.0
r_squared 0.05160
Slope = 0.0022909889
Mann-Kendall Trend : no trend
P Value: 0.90154
Mann-Kendall S Value: -2.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

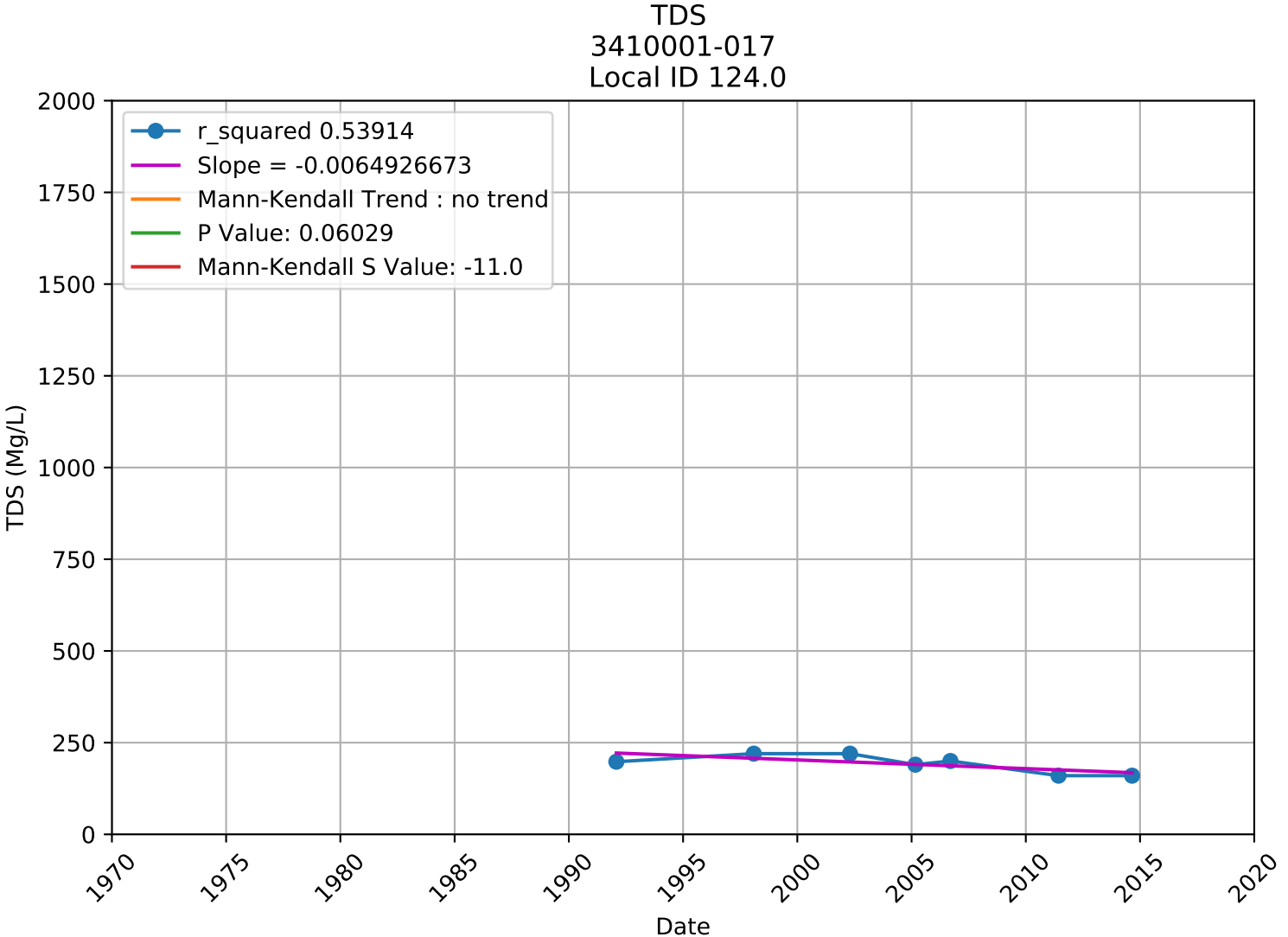

TDS
3410001-012
Local ID 228.0
r_squared 0.18344
Slope = 0.0088451011
Mann-Kendall Trend : no trend
P Value: 0.38648
Mann-Kendall S Value: 8.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

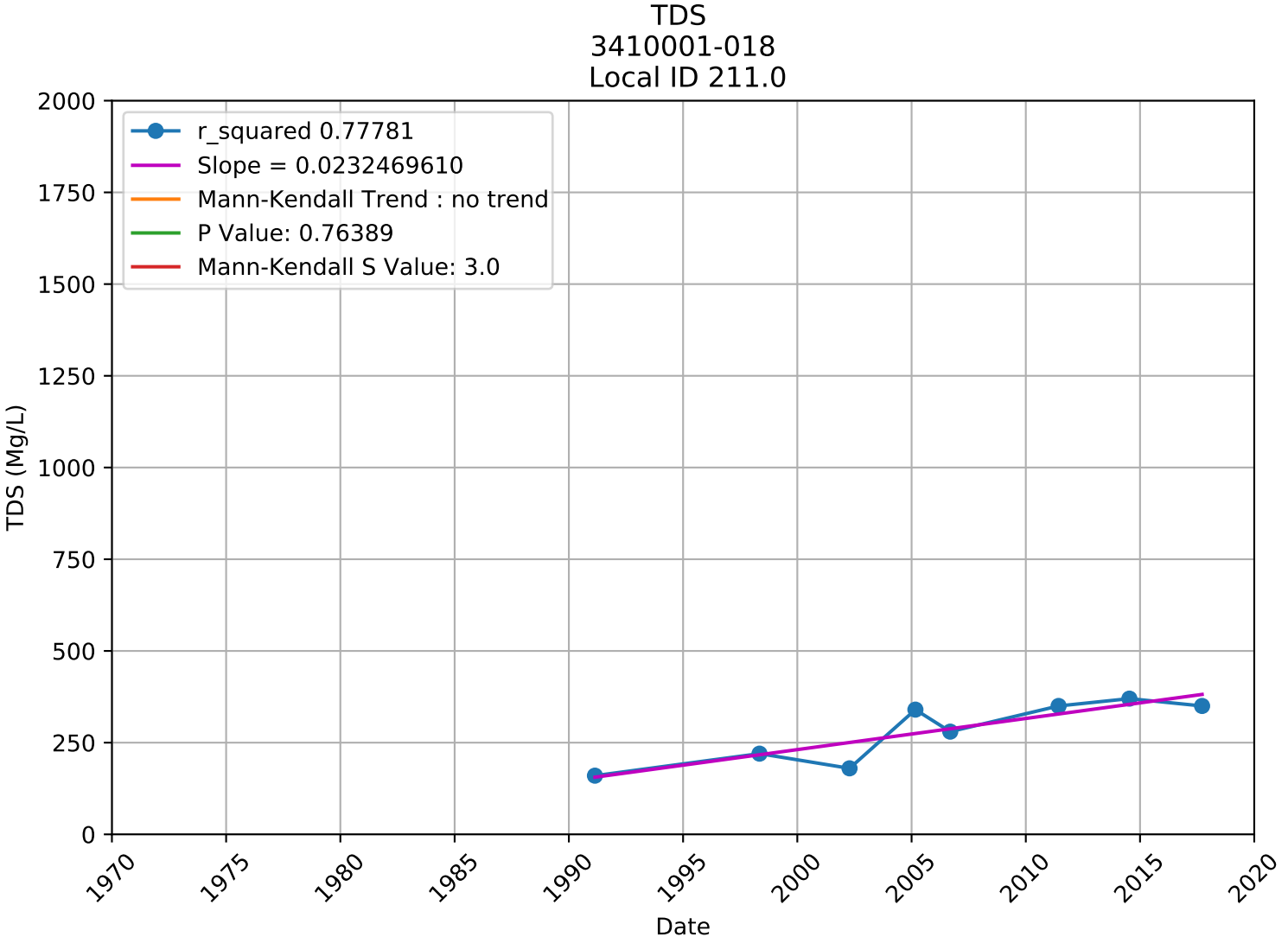

TDS
3410001-013
Local ID 82.0
r_squared 0.08779
Slope = 0.0025898244
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

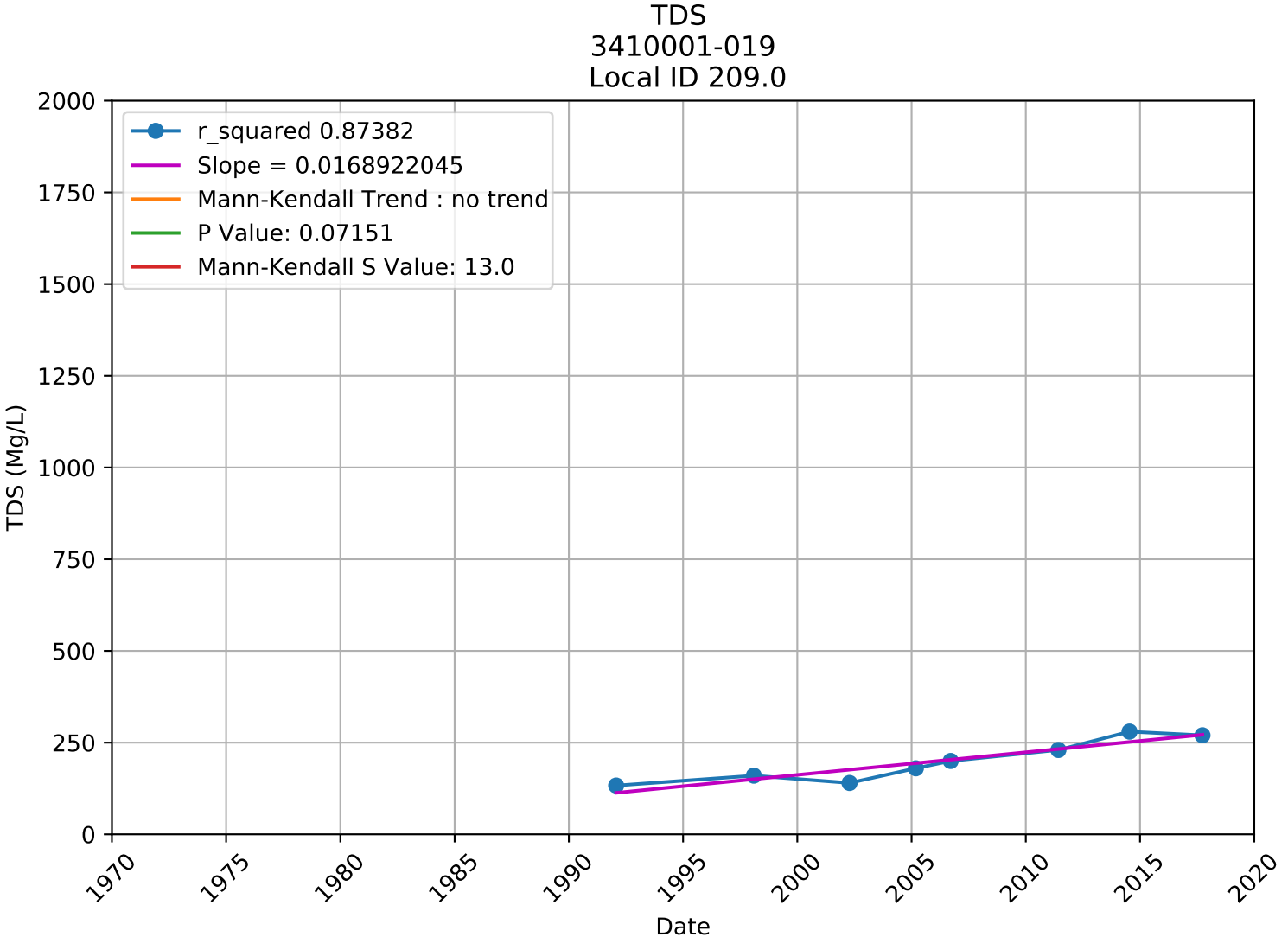

TDS
3410001-014
Local ID 146.0
r_squared 0.56897
Slope = 0.0086823257
Mann-Kendall Trend : no trend
P Value: 0.22067
Mann-Kendall S Value: 6.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

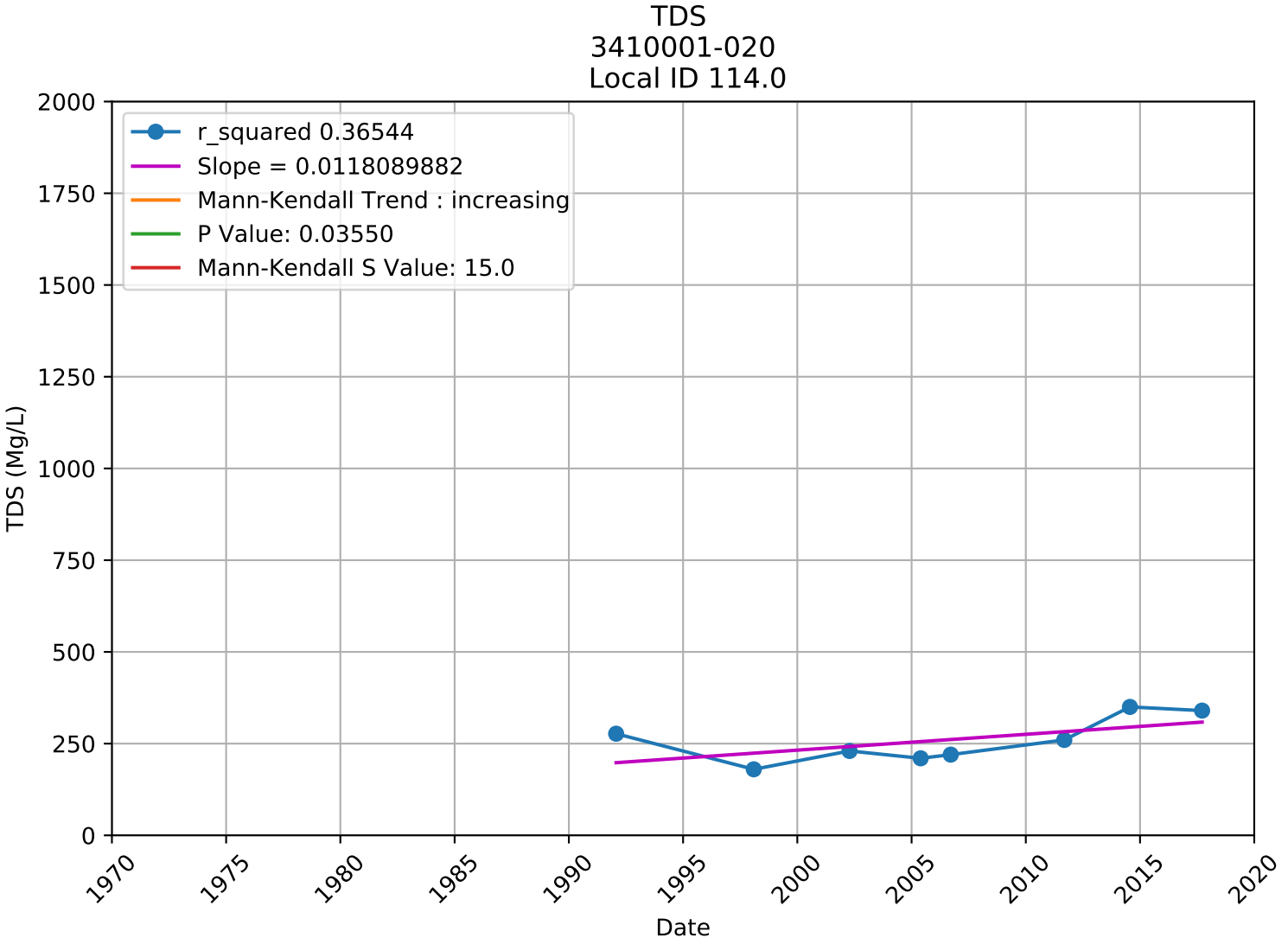

TDS
3410001-015
Local ID 260.0
r_squared 0.15644
Slope = -0.0011532388
Mann-Kendall Trend : no trend
P Value: 0.87926
Mann-Kendall S Value: -2.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

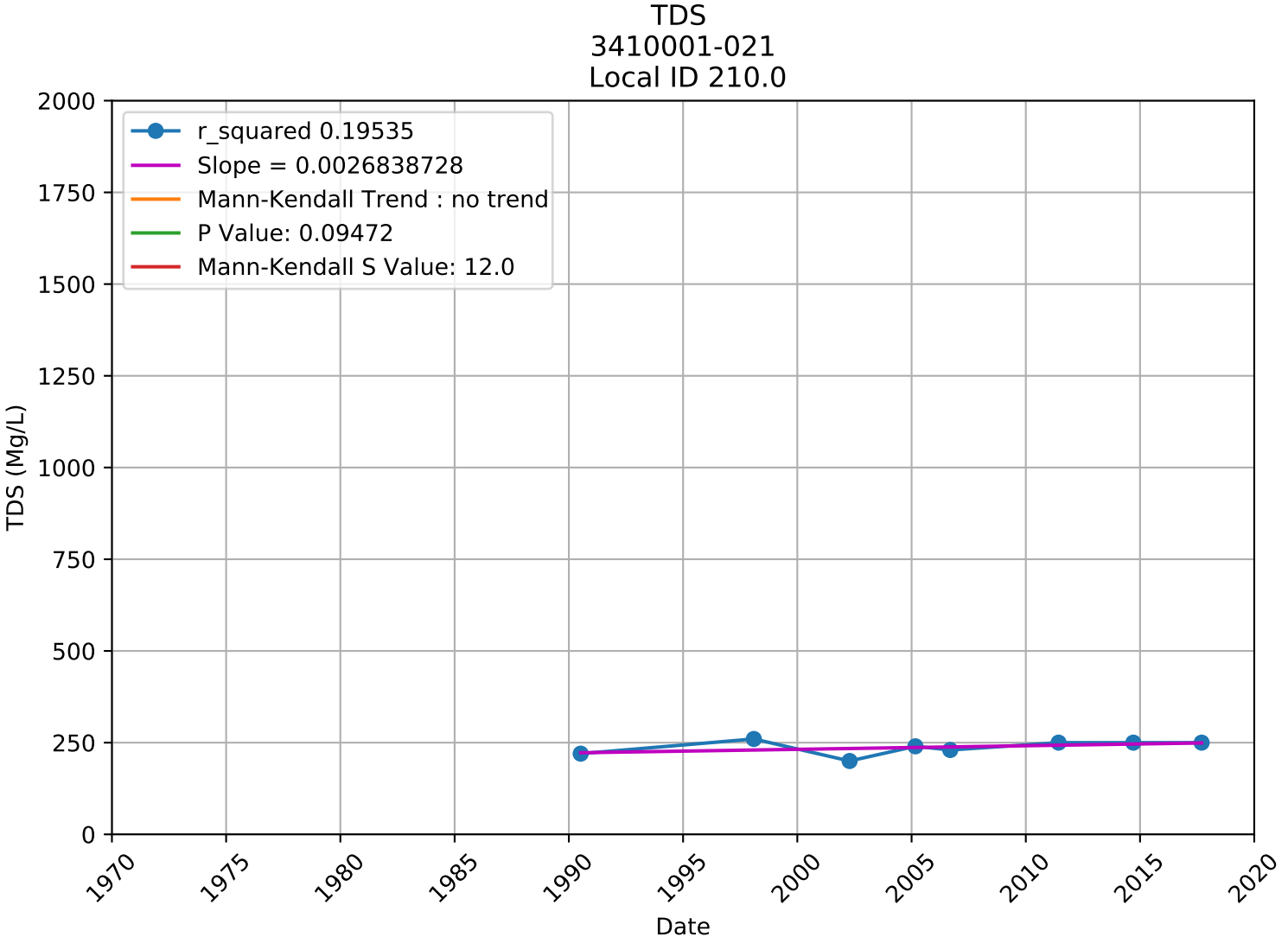

TDS
3410001-016
Local ID 191.0
r_squared 0.29370
Slope = 0.0025371758
Mann-Kendall Trend : no trend
P Value: 0.70711
Mann-Kendall S Value: 3.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

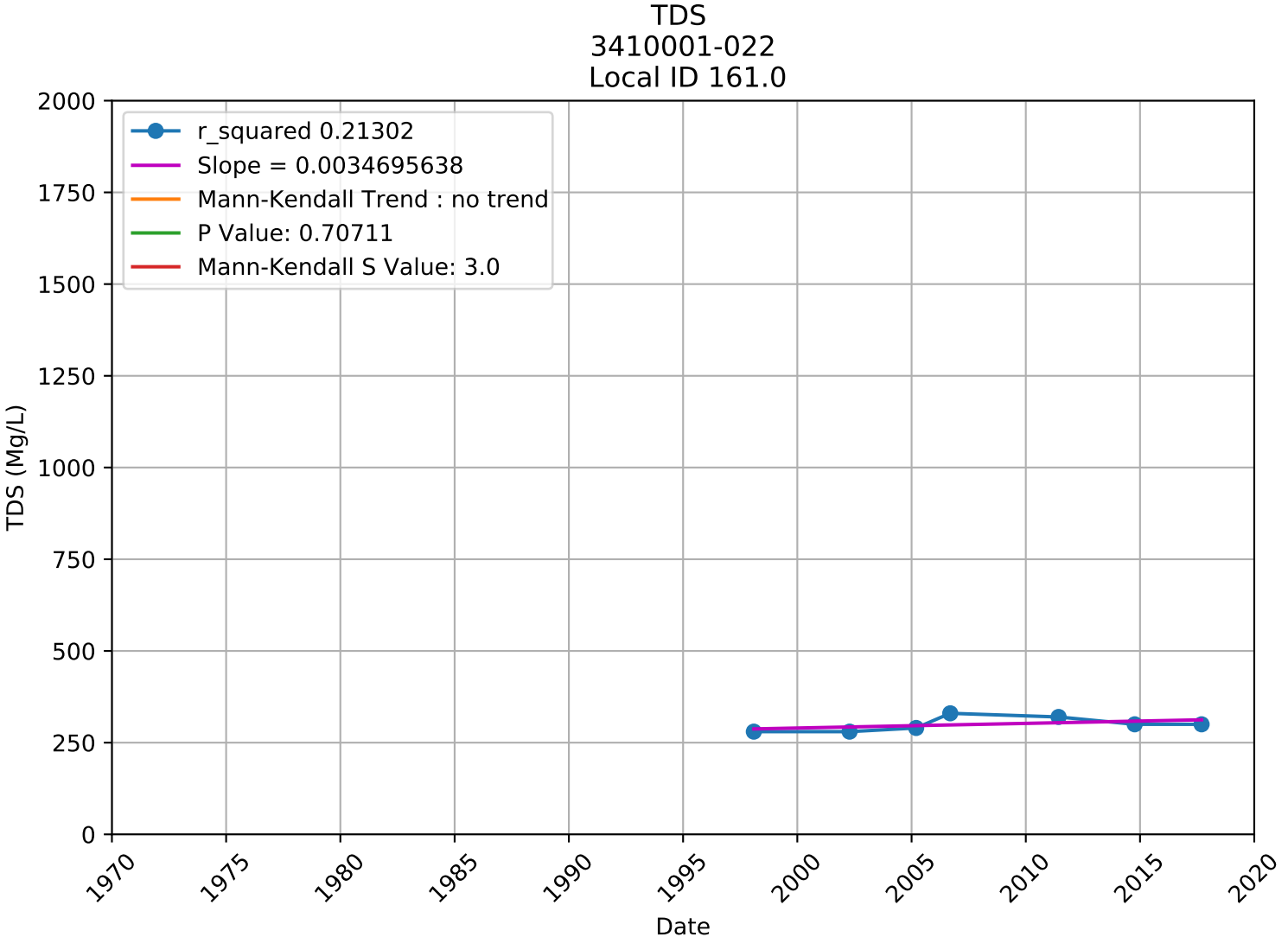

TDS
3410001-017
Local ID 124.0
r_squared 0.53914
Slope = -0.0064926673
Mann-Kendall Trend : no trend
P Value: 0.06029
Mann-Kendall S Value: -11.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

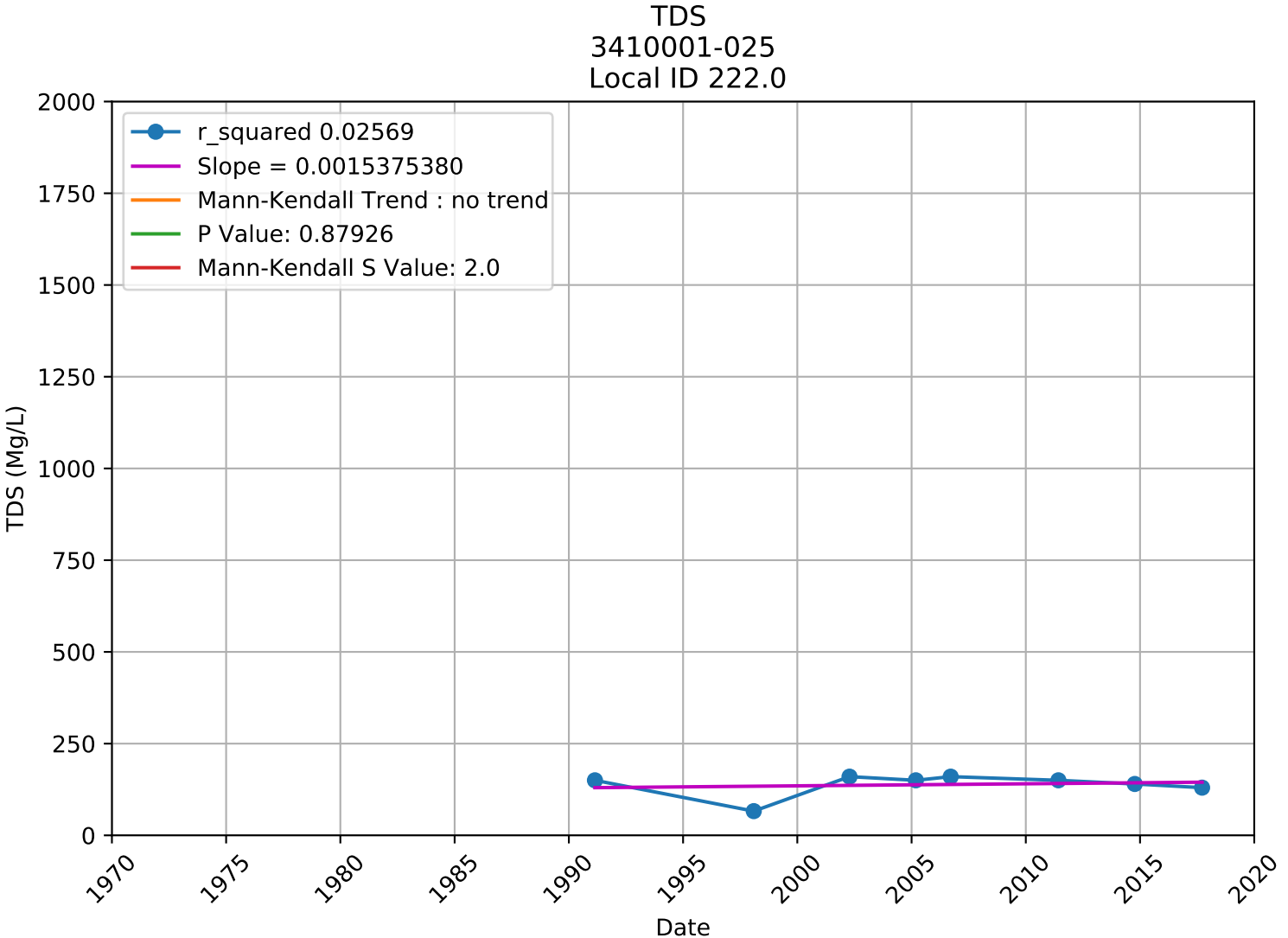

TDS
3410001-018
Local ID 211.0
r_squared 0.77781
Slope = 0.0232469610
Mann-Kendall Trend : no trend
P Value: 0.76389
Mann-Kendall S Value: 3.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

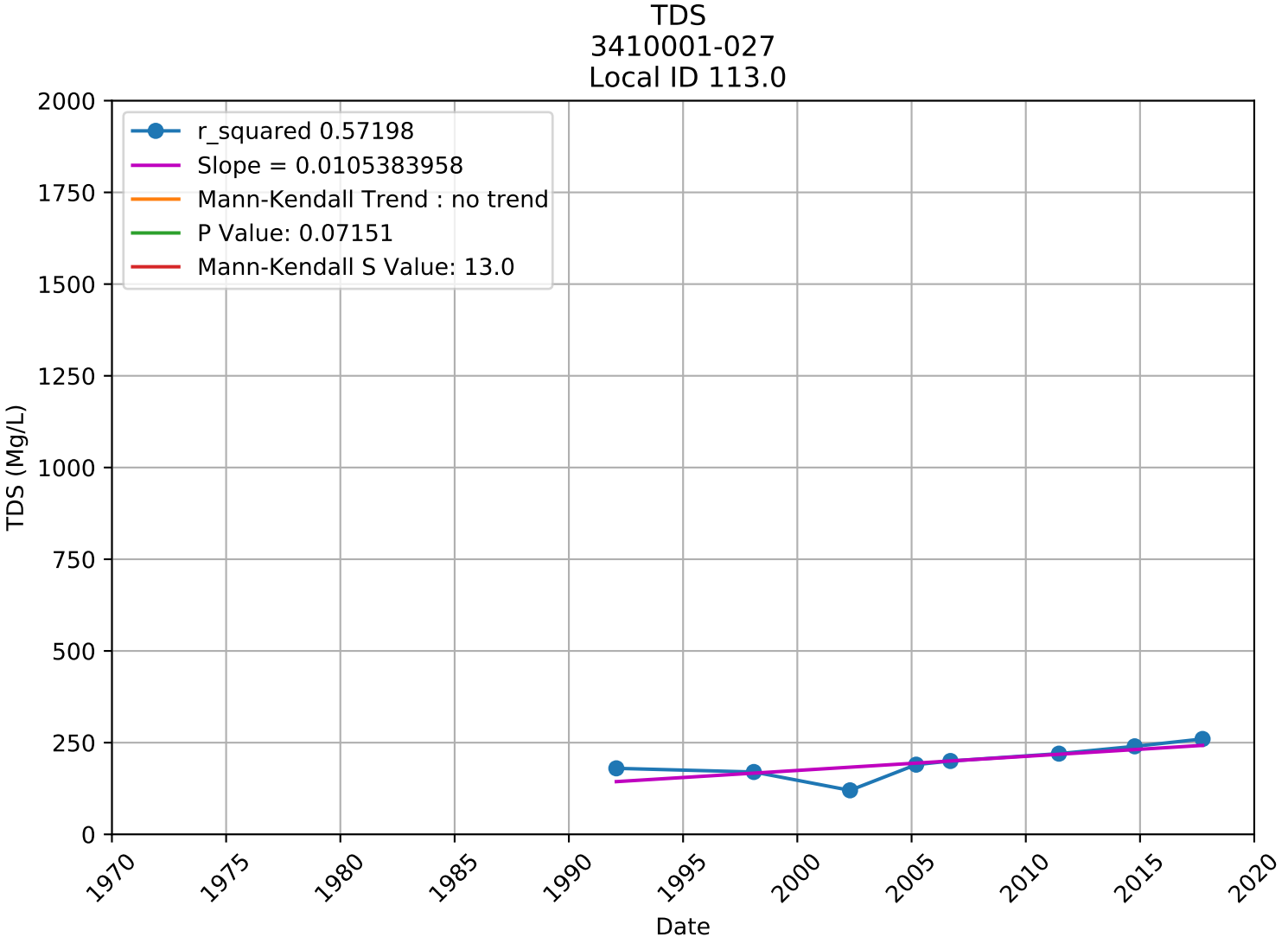

TDS
3410001-019
Local ID 209.0
r_squared 0.87382
Slope = 0.0168922045
Mann-Kendall Trend : no trend
P Value: 0.07151
Mann-Kendall S Value: 13.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

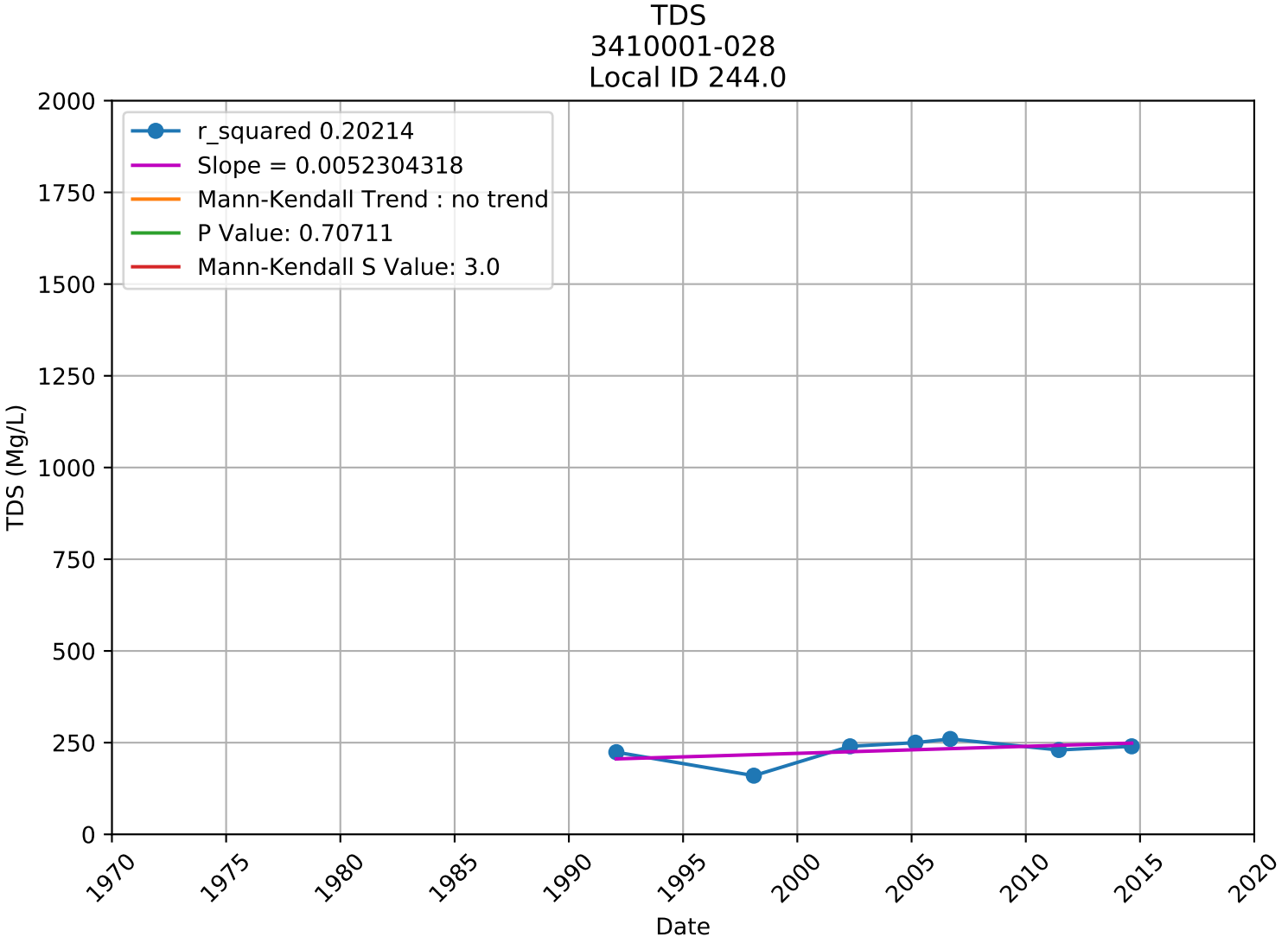

TDS
3410001-020
Local ID 114.0
r_squared 0.36544
Slope = 0.0118089882
Mann-Kendall Trend : increasing
P Value: 0.03550
Mann-Kendall S Value: 15.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

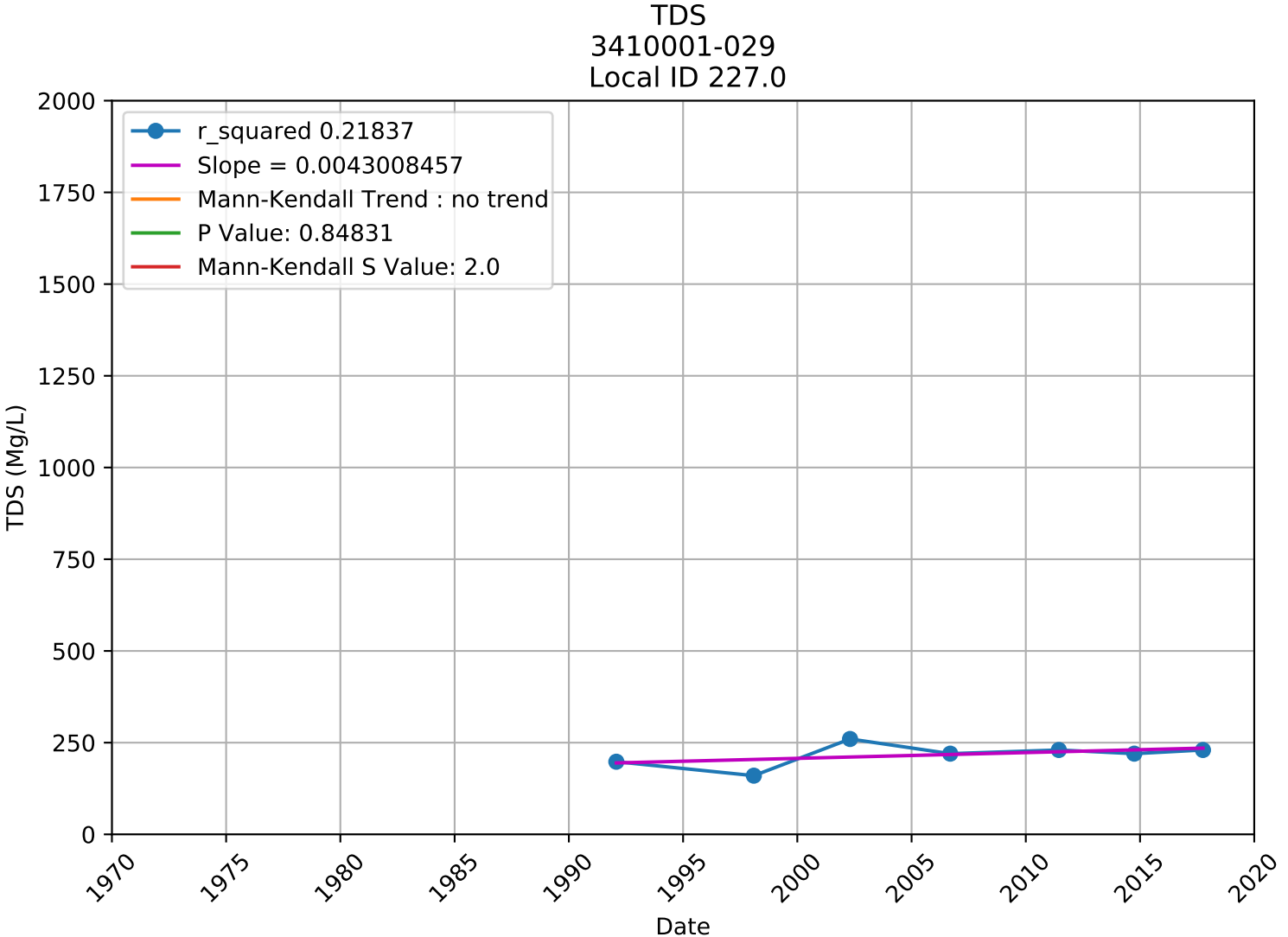

TDS
3410001-021
Local ID 210.0
r_squared 0.19535
Slope = 0.0026838728
Mann-Kendall Trend : no trend
P Value: 0.09472
Mann-Kendall S Value: 12.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

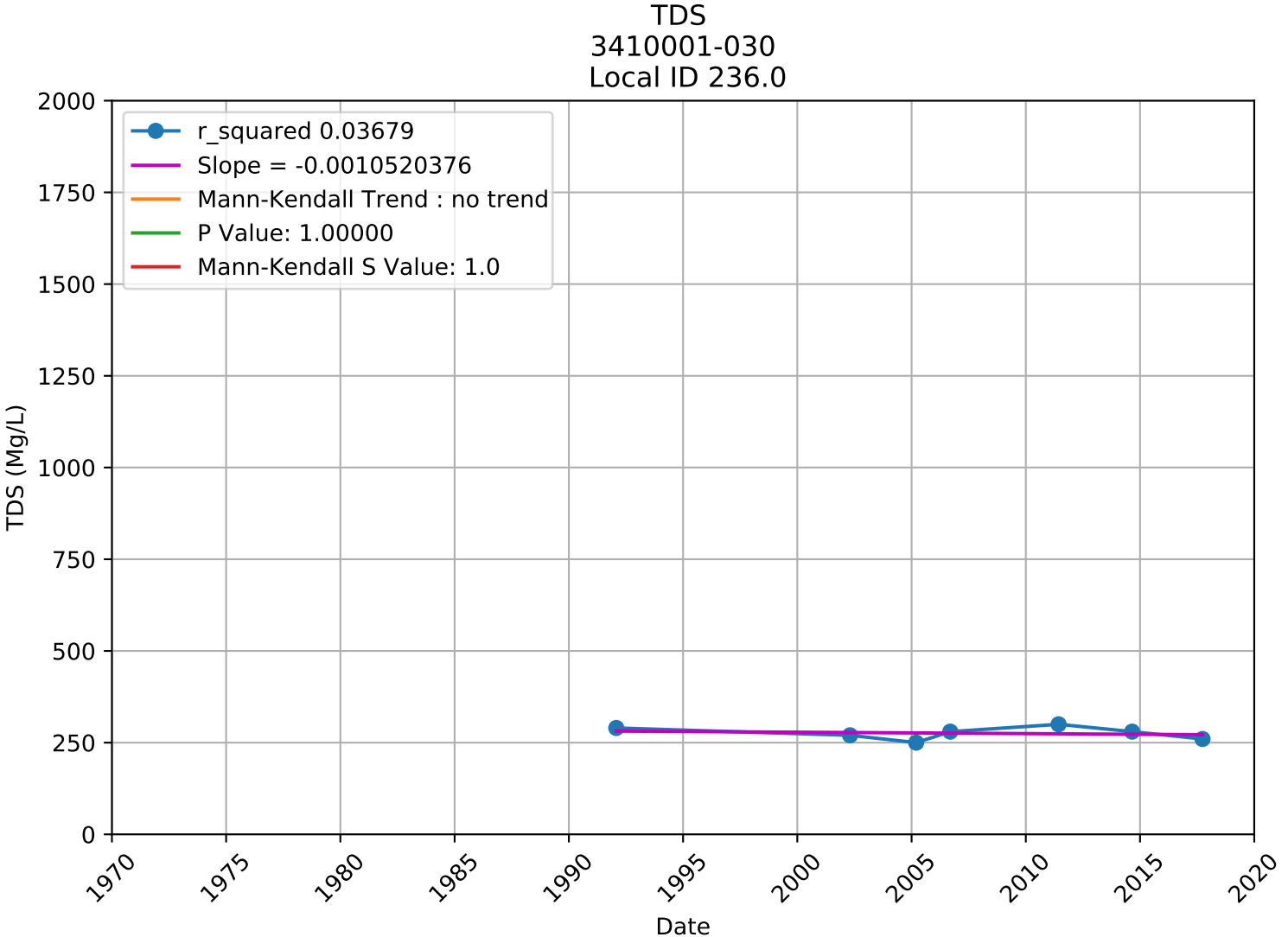

TDS
3410001-022
Local ID 161.0
r_squared 0.21302
Slope = 0.0034695638
Mann-Kendall Trend : no trend
P Value: 0.70711
Mann-Kendall S Value: 3.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

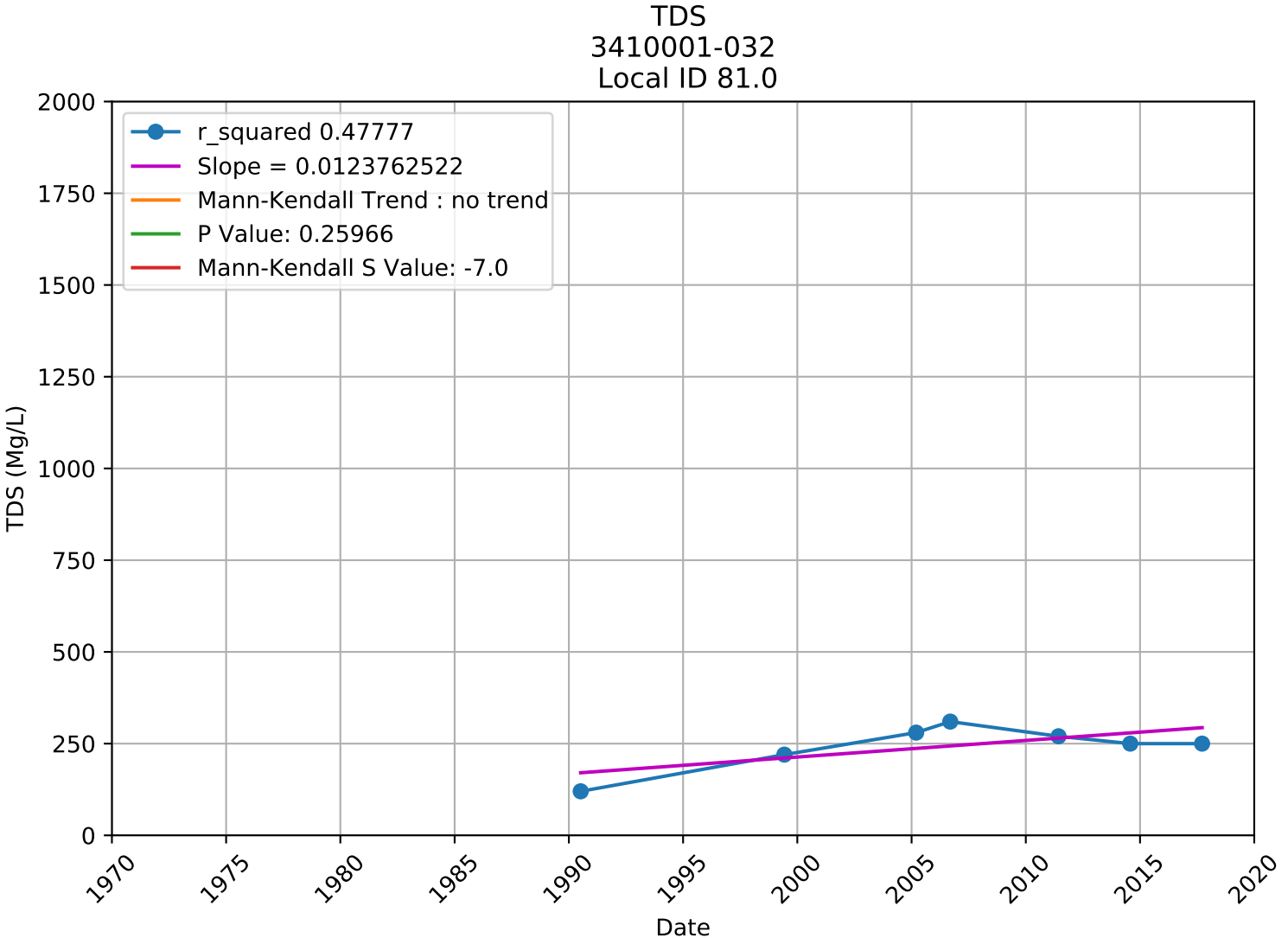

TDS
3410001-025
Local ID 222.0
r_squared 0.02569
Slope = 0.0015375380
Mann-Kendall Trend : no trend
P Value: 0.87926
Mann-Kendall S Value: 2.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

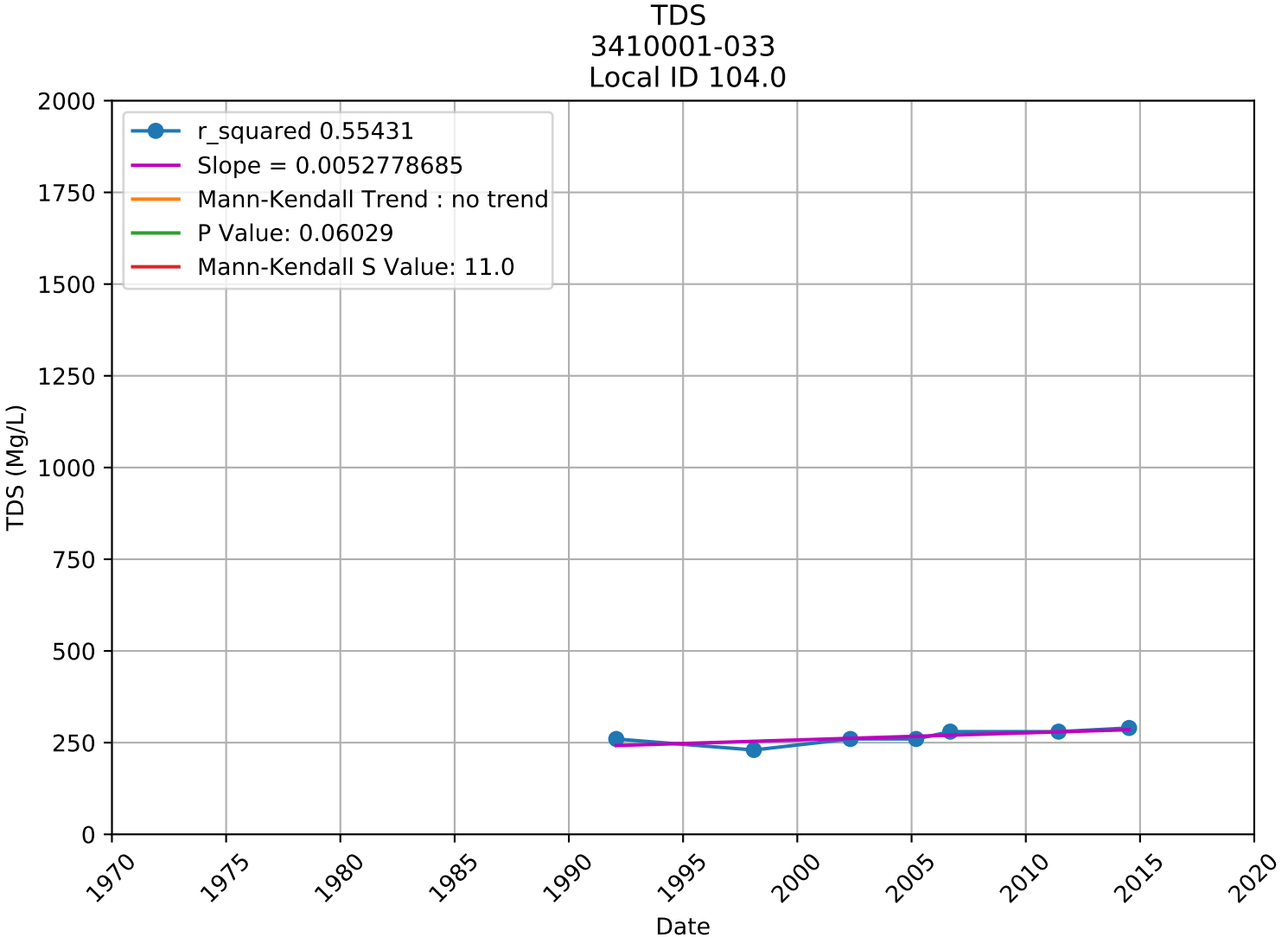

TDS
3410001-027
Local ID 113.0
r_squared 0.57198
Slope = 0.0105383958
Mann-Kendall Trend : no trend
P Value: 0.07151
Mann-Kendall S Value: 13.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

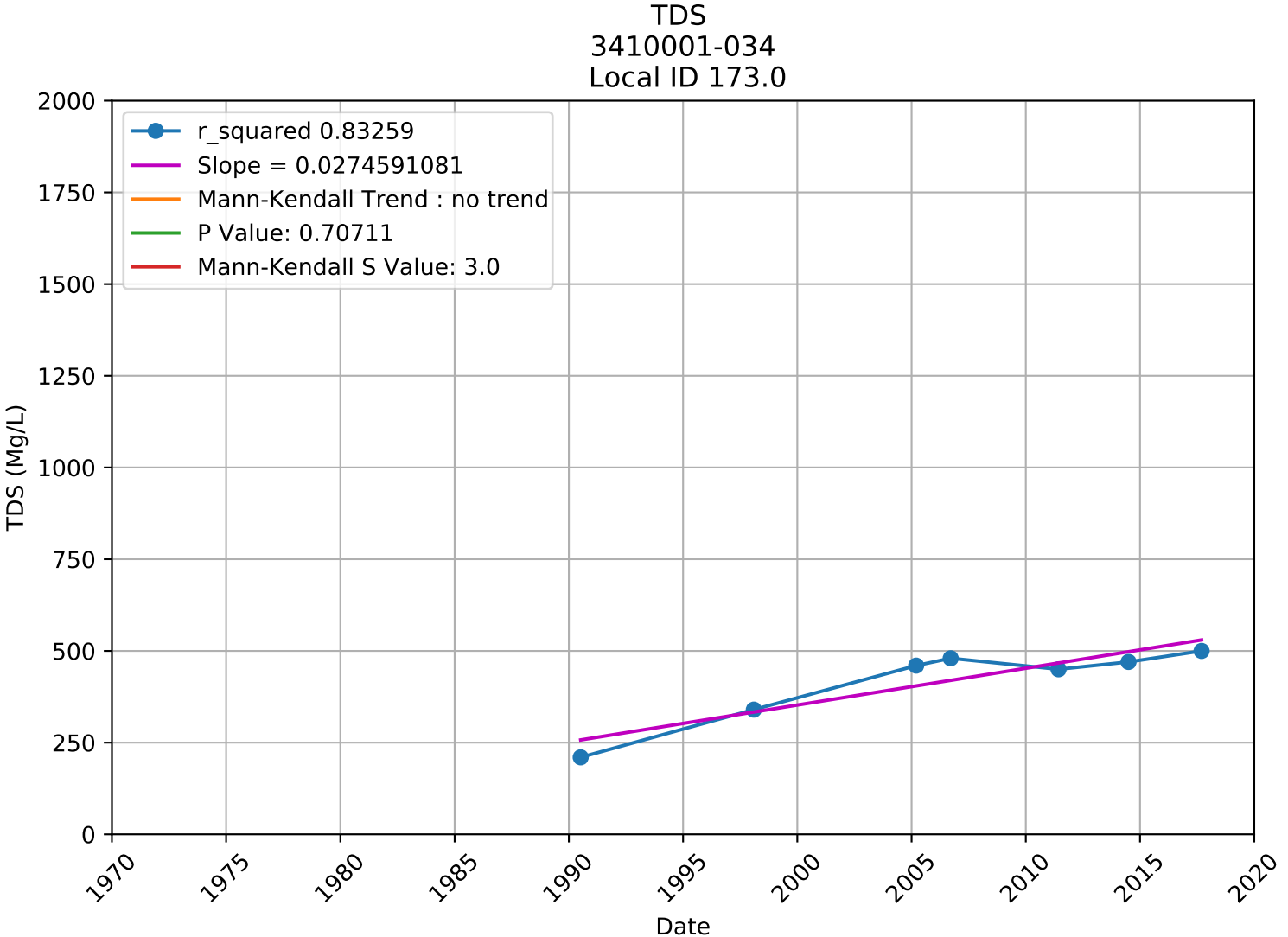

TDS
3410001-028
Local ID 244.0
r_squared 0.20214
Slope = 0.0052304318
Mann-Kendall Trend : no trend
P Value: 0.70711
Mann-Kendall S Value: 3.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
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2020
Date

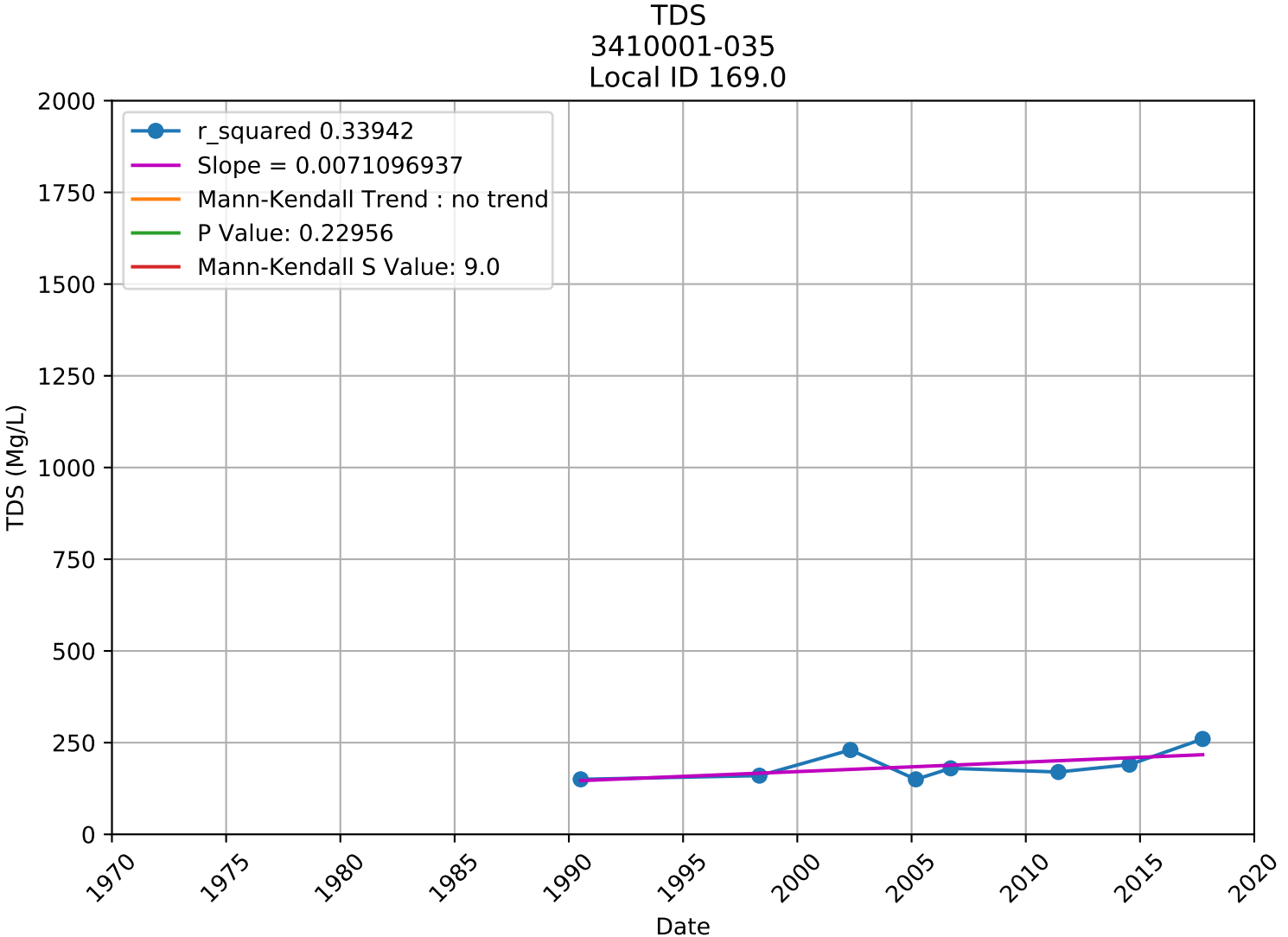

TDS
3410001-029
Local ID 227.0
r_squared 0.21837
Slope = 0.0043008457
Mann-Kendall Trend : no trend
P Value: 0.84831
Mann-Kendall S Value: 2.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

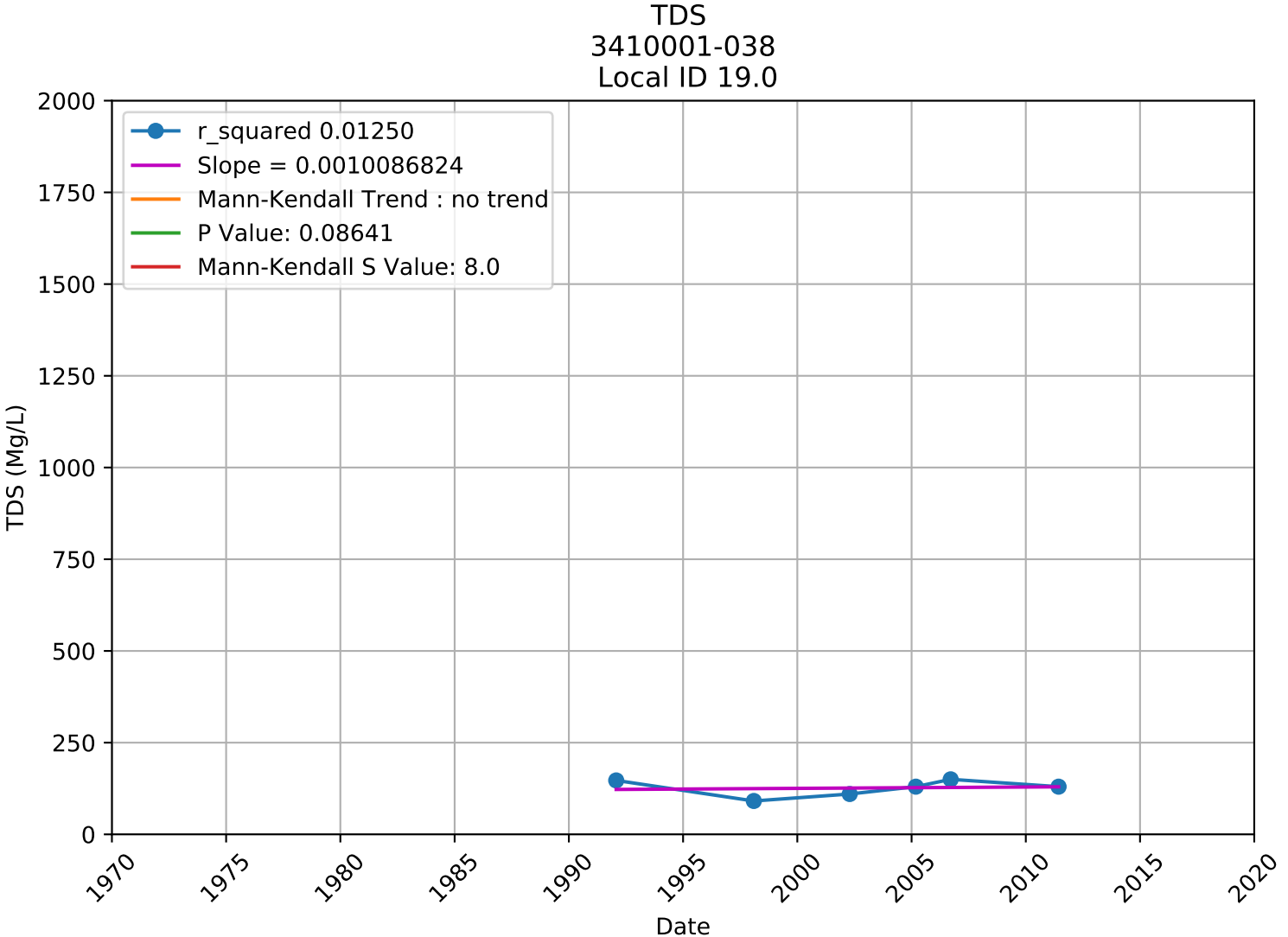

TDS
3410001-030
Local ID 236.0
r_squared 0.03679
Slope = -0.0010520376
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

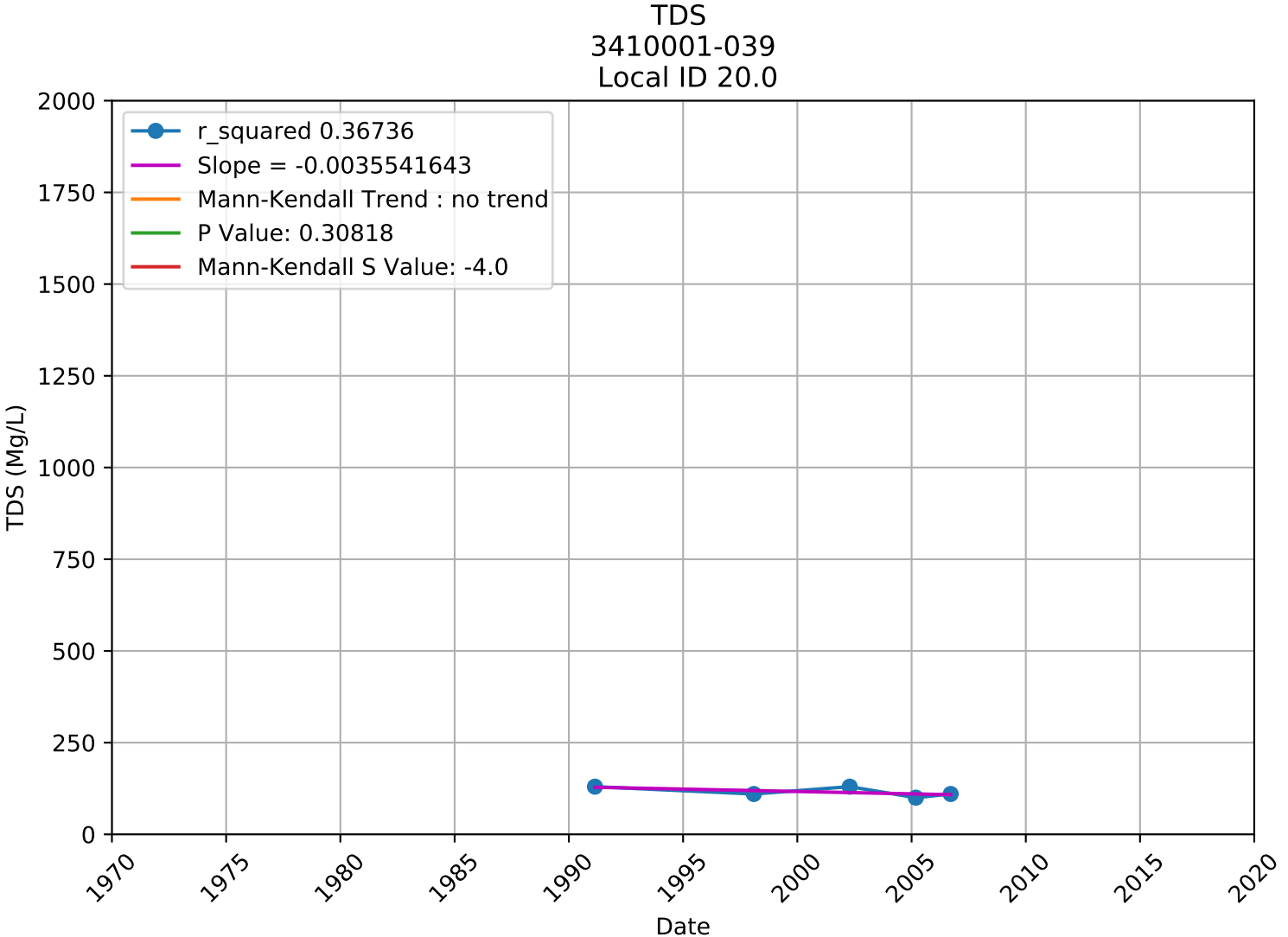

TDS
3410001-032
Local ID 81.0
r_squared 0.47777
Slope = 0.0123762522
Mann-Kendall Trend : no trend
P Value: 0.25966
Mann-Kendall S Value: -7.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

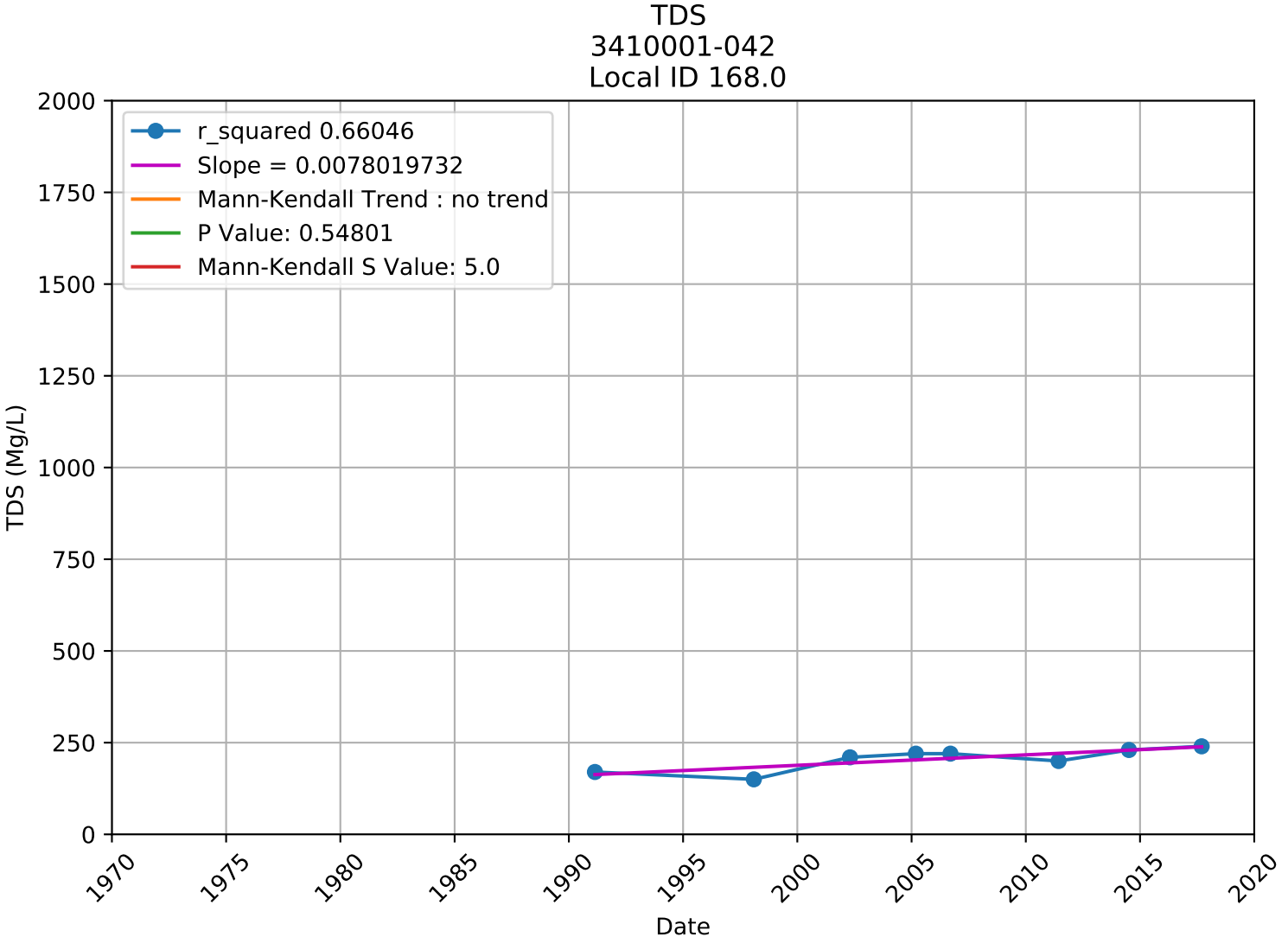

TDS
3410001-033
Local ID 104.0
r_squared 0.55431
Slope = 0.0052778685
Mann-Kendall Trend : no trend
P Value: 0.06029
Mann-Kendall S Value: 11.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

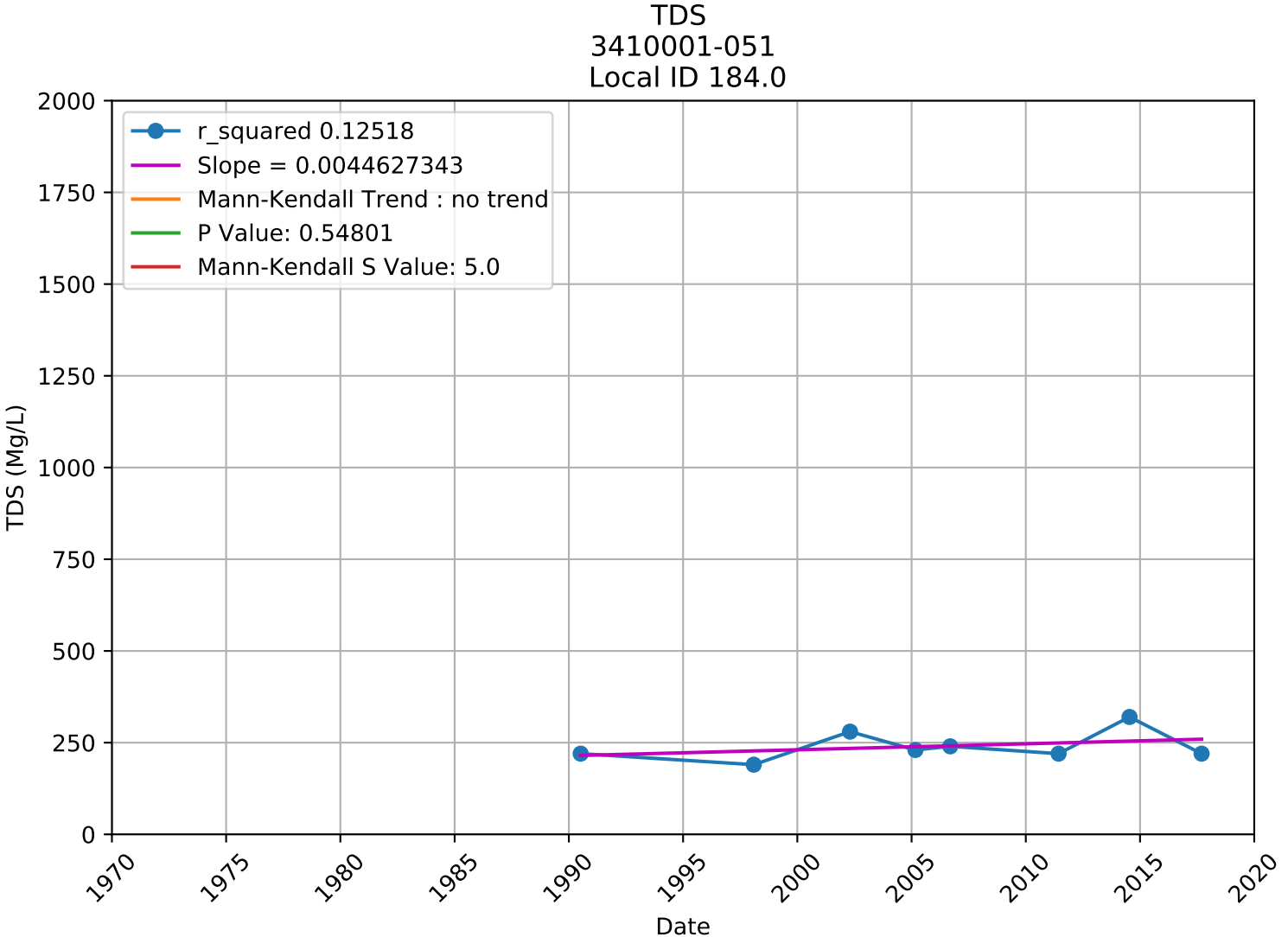

TDS
3410001-034
Local ID 173.0
r_squared 0.83259
Slope = 0.0274591081
Mann-Kendall Trend : no trend
P Value: 0.70711
Mann-Kendall S Value: 3.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

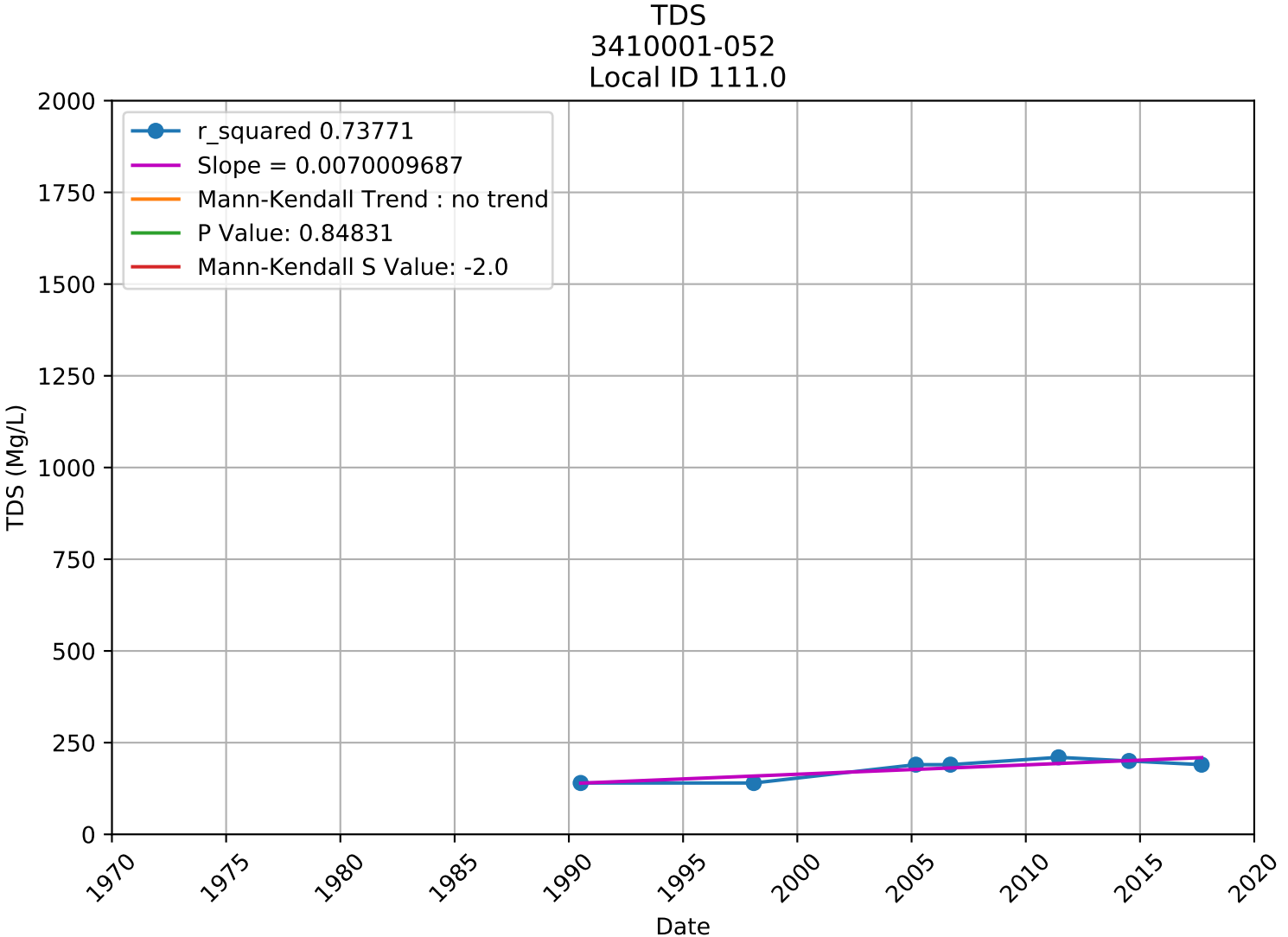

TDS
3410001-035
Local ID 169.0
r_squared 0.33942
Slope = 0.0071096937
Mann-Kendall Trend : no trend
P Value: 0.22956
Mann-Kendall S Value: 9.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

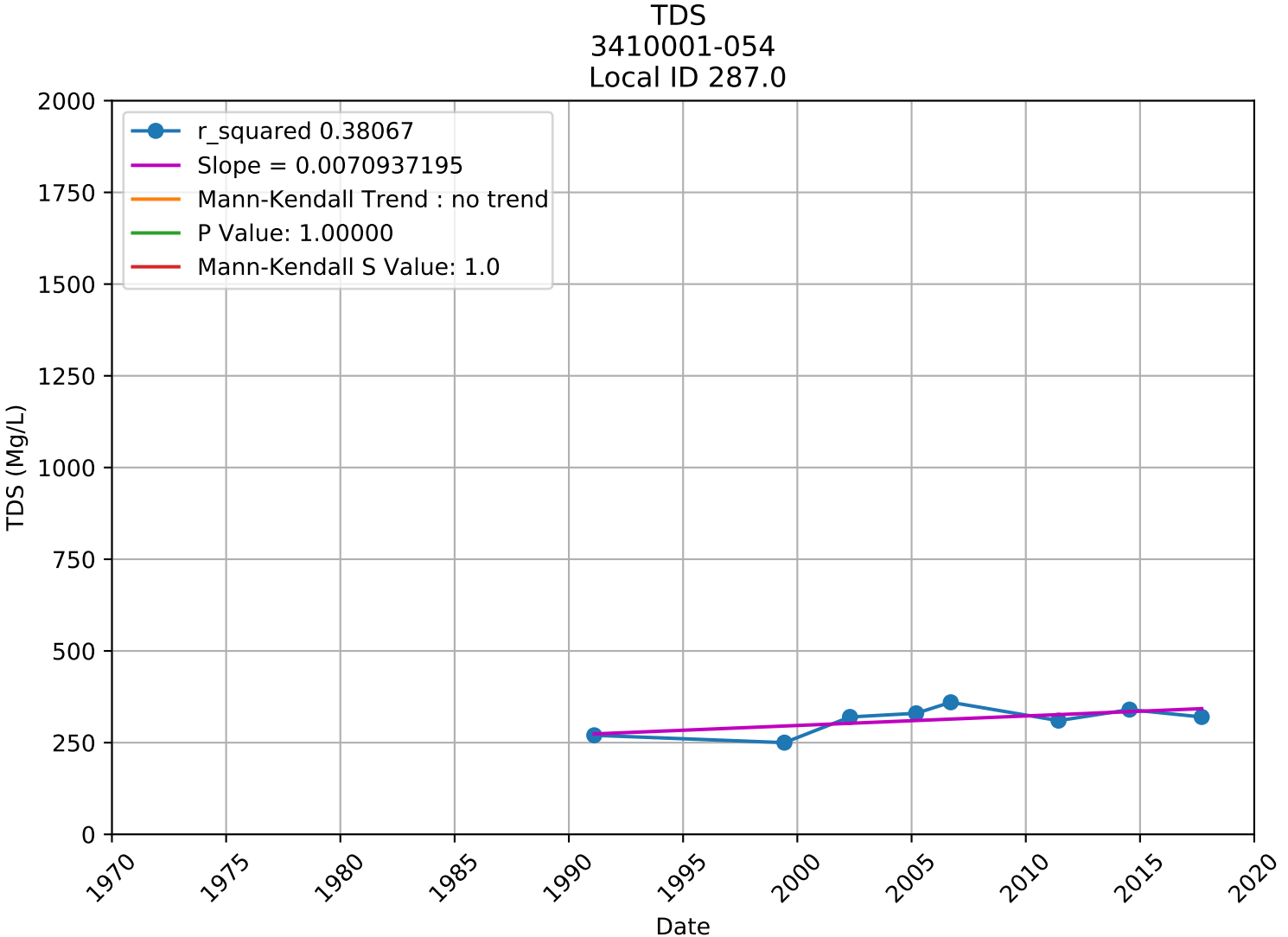

TDS
3410001-038
Local ID 19.0
r_squared 0.01250
Slope = 0.0010086824
Mann-Kendall Trend : no trend
P Value: 0.08641
Mann-Kendall S Value: 8.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

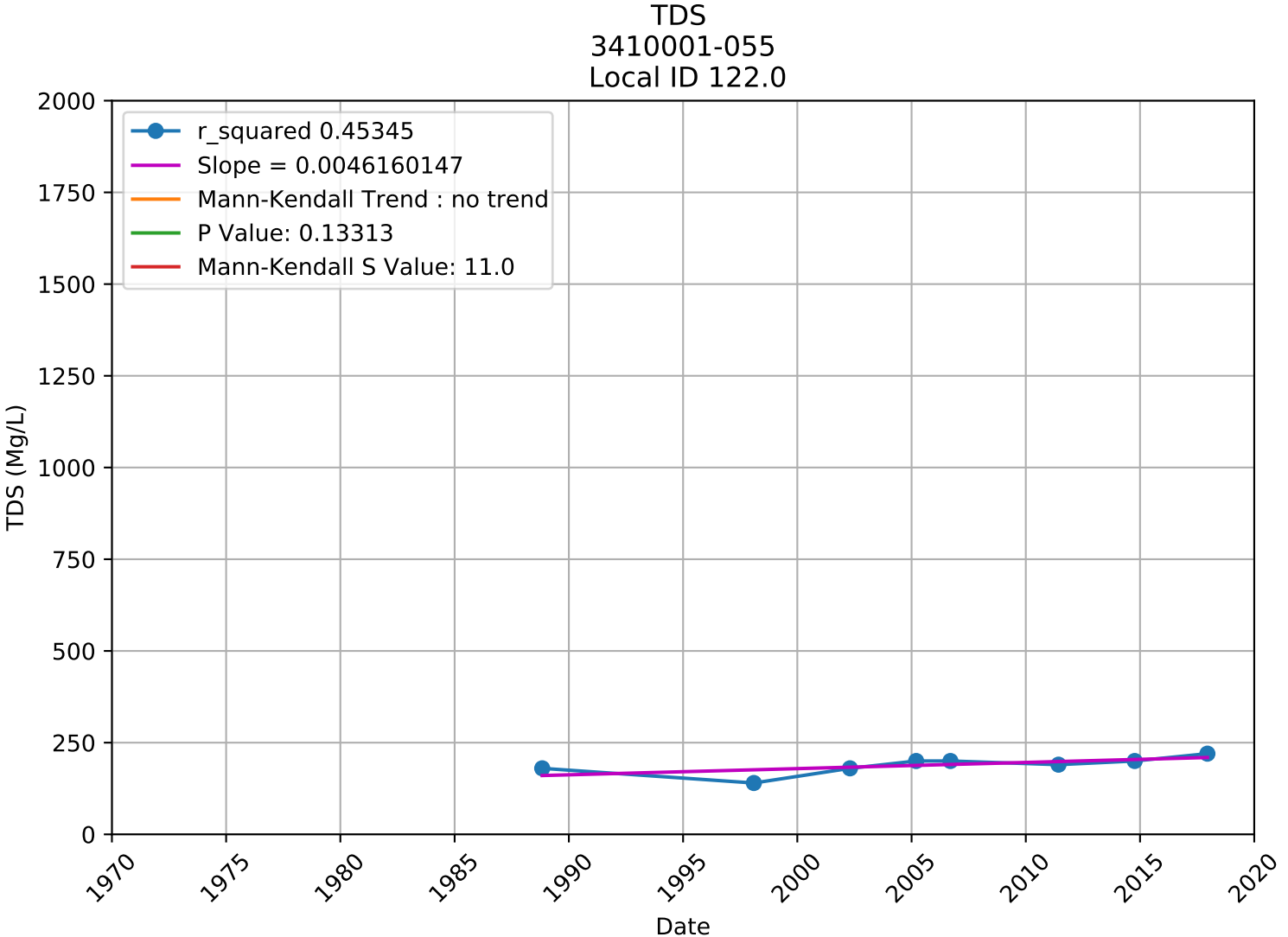

TDS
3410001-039
Local ID 20.0
r_squared 0.36736
Slope = -0.0035541643
Mann-Kendall Trend : no trend
P Value: 0.30818
Mann-Kendall S Value: -4.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

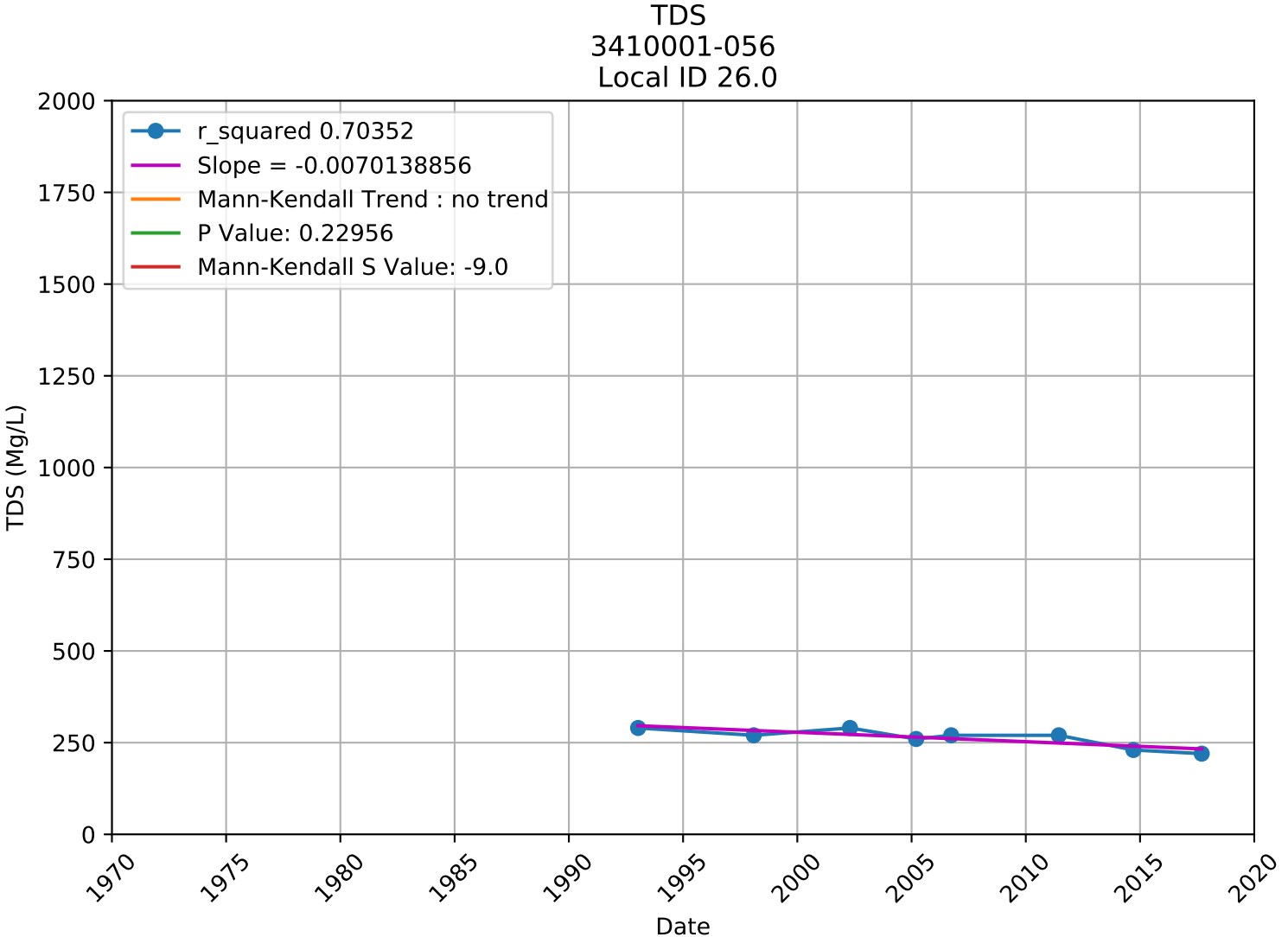

TDS
3410001-042
Local ID 168.0
r_squared 0.66046
Slope = 0.0078019732
Mann-Kendall Trend : no trend
P Value: 0.54801
Mann-Kendall S Value: 5.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

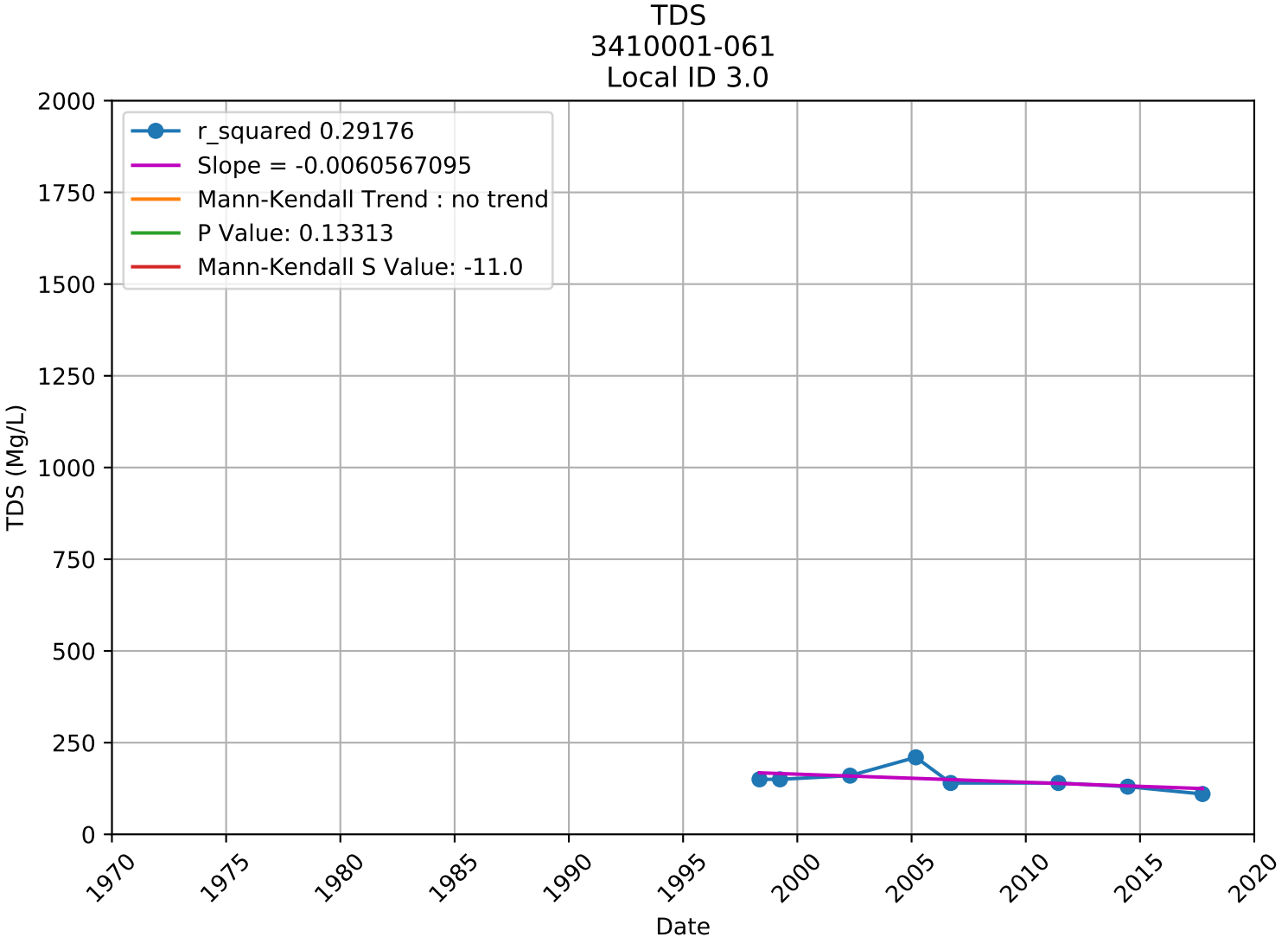

TDS
3410001-051
Local ID 184.0
r_squared 0.12518
Slope = 0.0044627343
Mann-Kendall Trend : no trend
P Value: 0.54801
Mann-Kendall S Value: 5.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

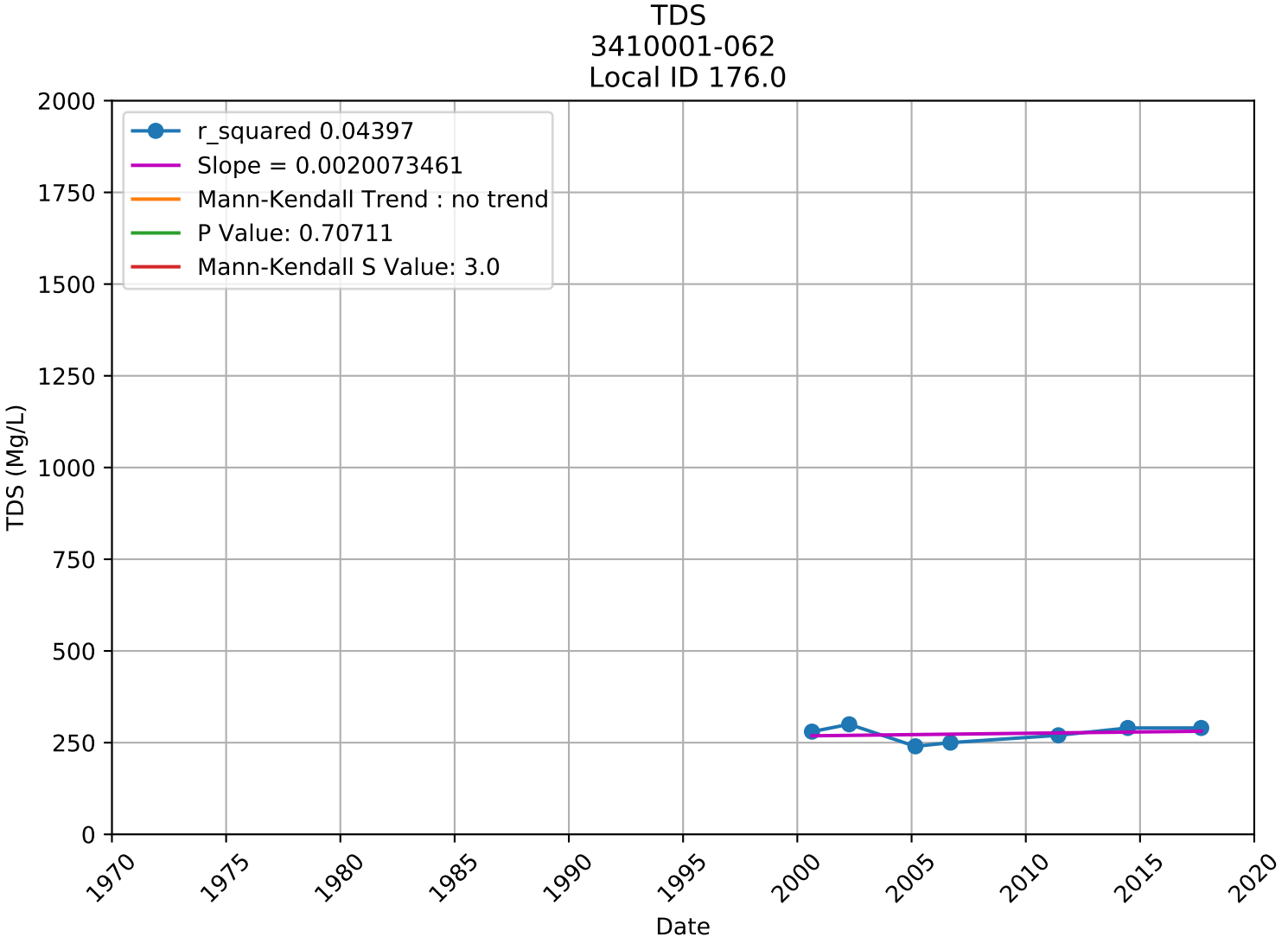

TDS
3410001-052
Local ID 111.0
r_squared 0.73771
Slope = 0.0070009687
Mann-Kendall Trend : no trend
P Value: 0.84831
Mann-Kendall S Value: -2.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

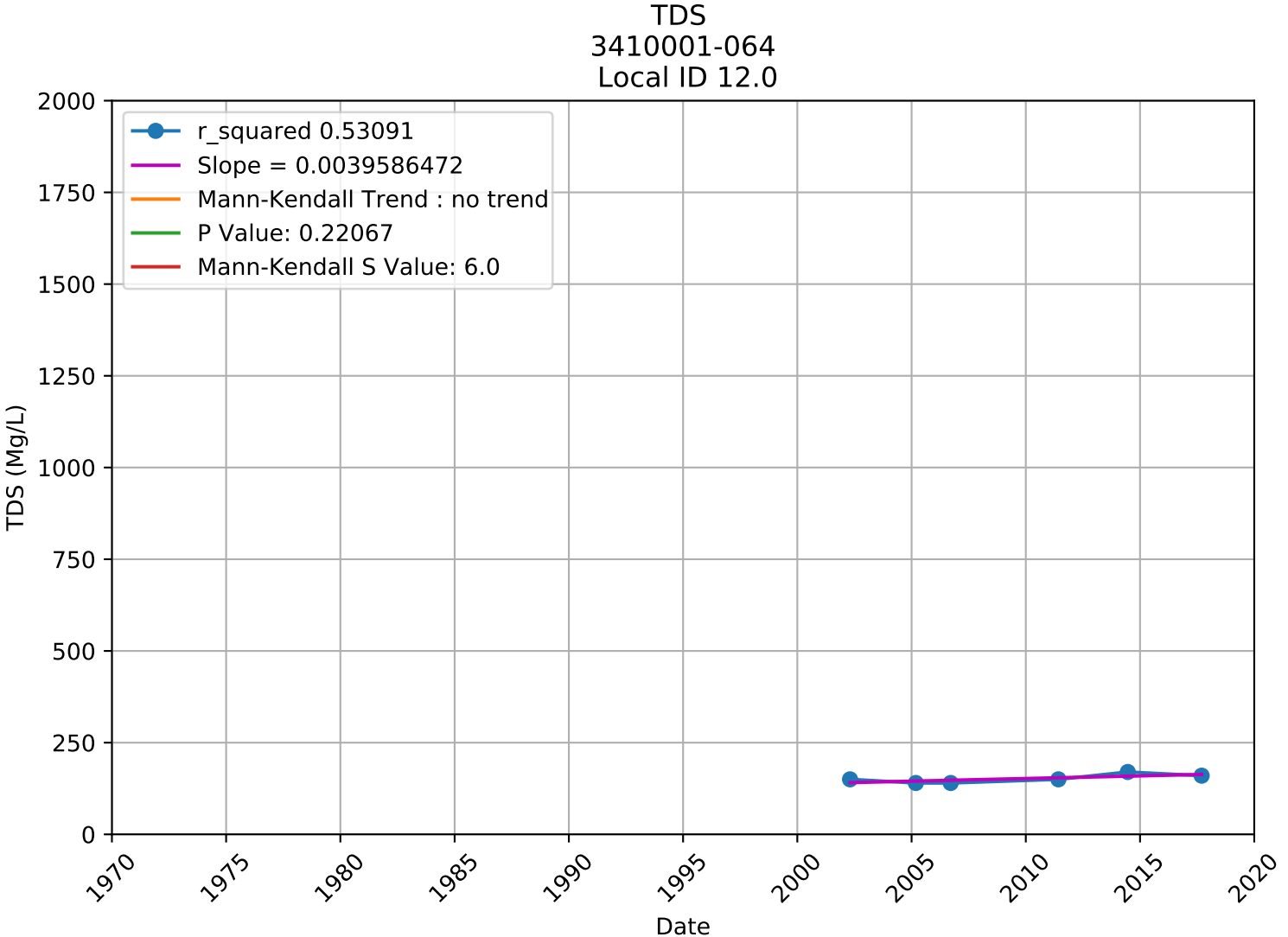

TDS
3410001-054
Local ID 287.0
r_squared 0.38067
Slope = 0.0070937195
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

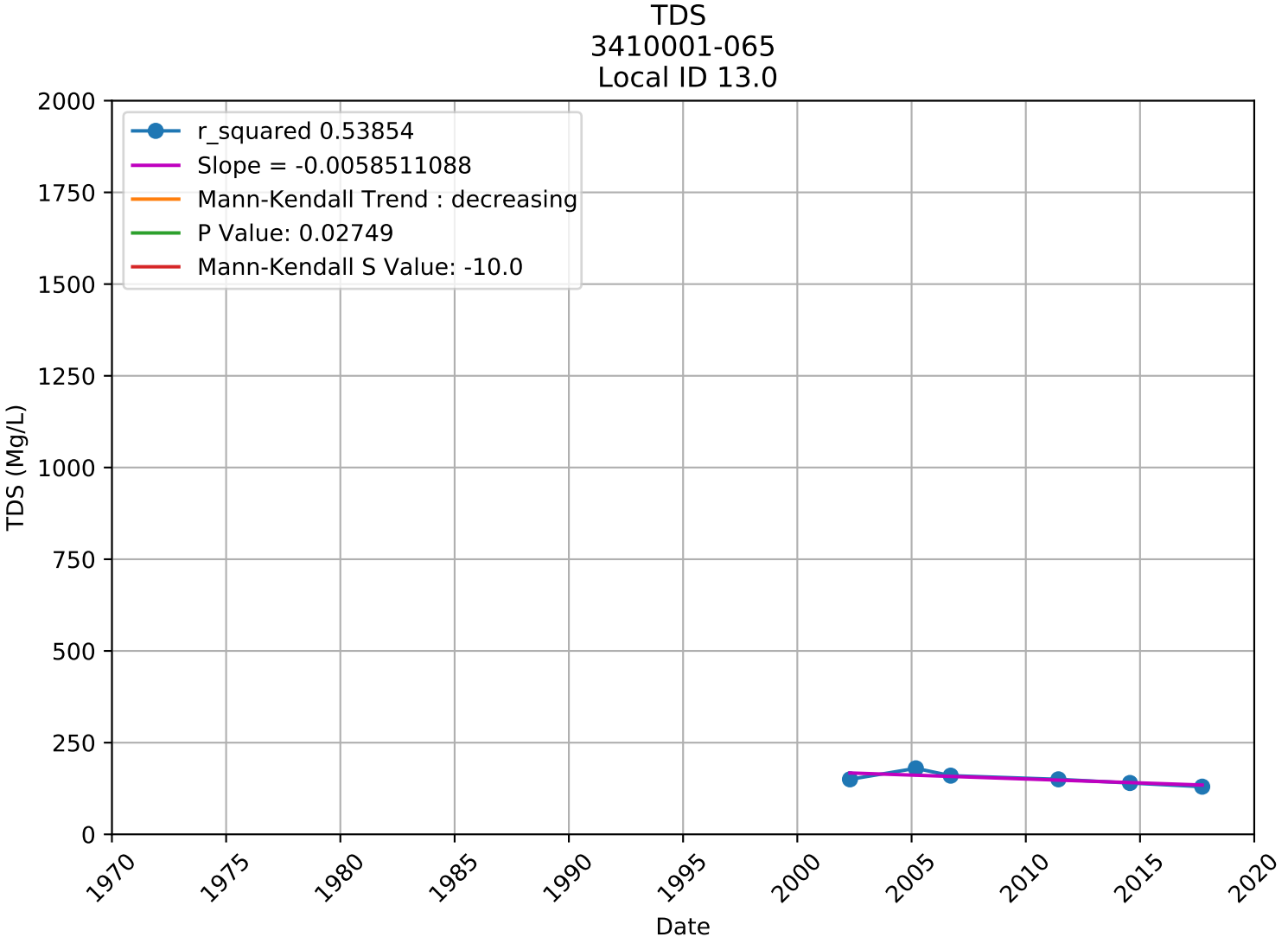

TDS
3410001-055
Local ID 122.0
r_squared 0.45345
Slope = 0.0046160147
Mann-Kendall Trend : no trend
P Value: 0.13313
Mann-Kendall S Value: 11.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

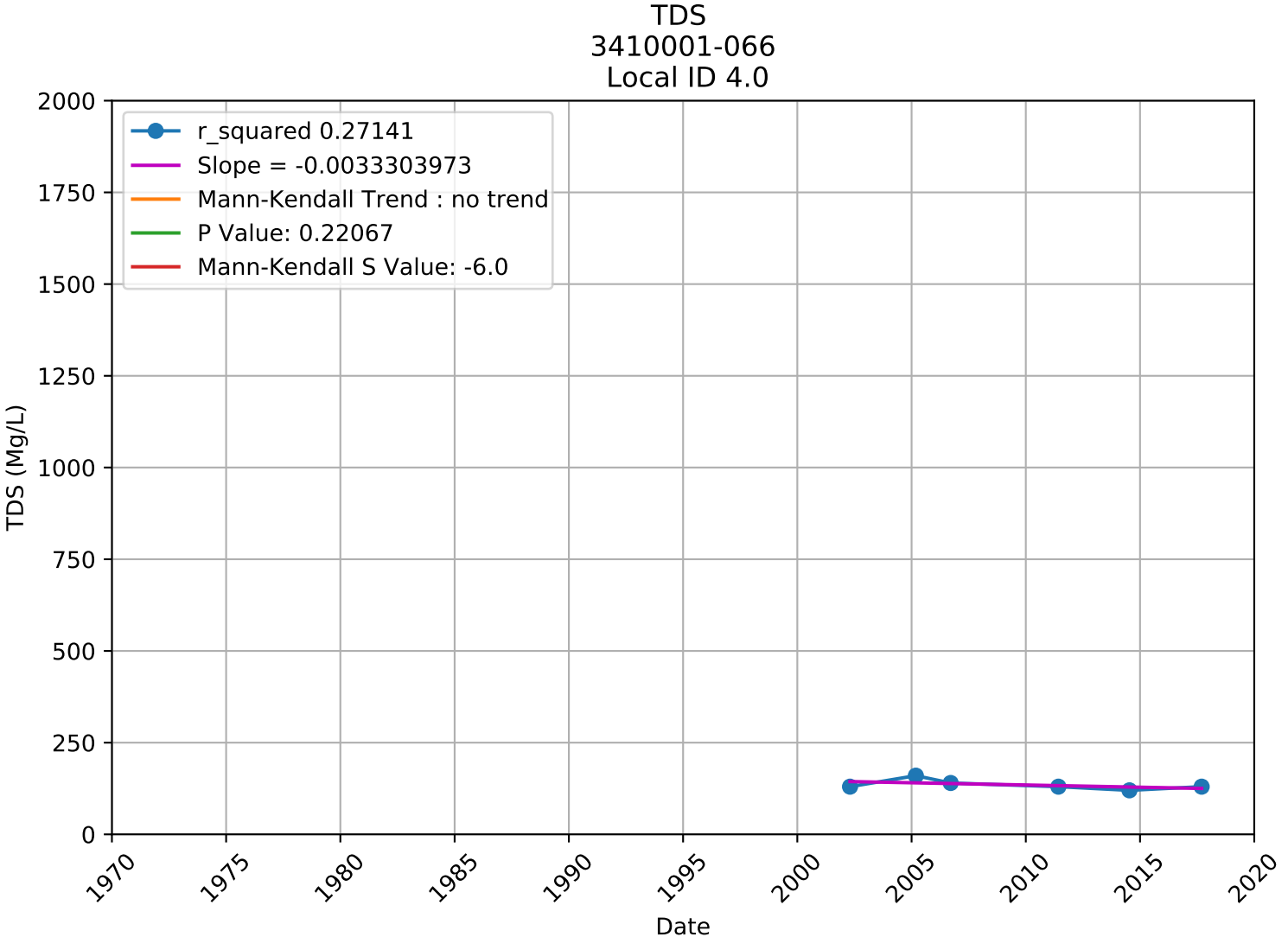

TDS
3410001-056
Local ID 26.0
r_squared 0.70352
Slope = -0.0070138856
Mann-Kendall Trend : no trend
P Value: 0.22956
Mann-Kendall S Value: -9.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

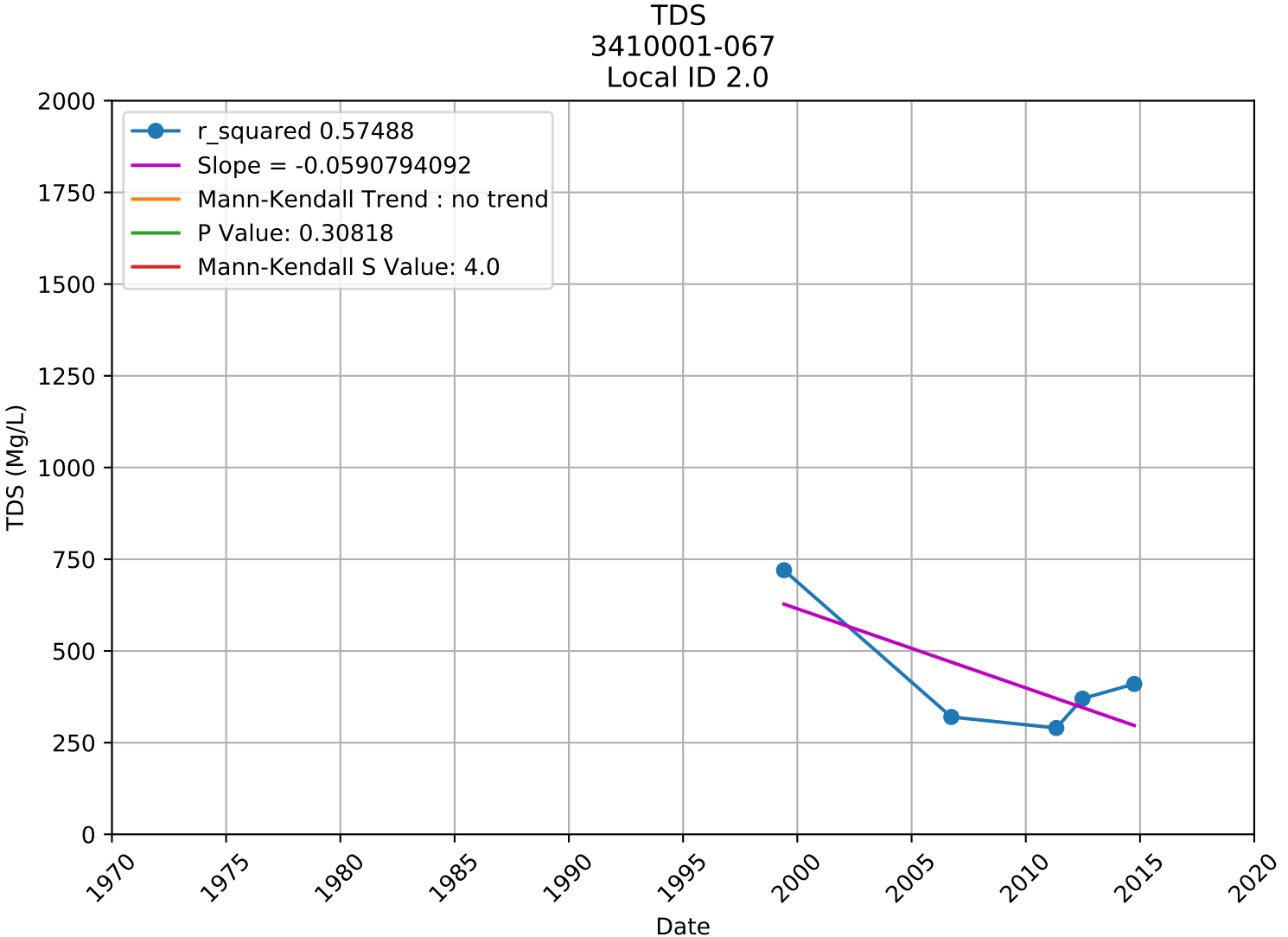

TDS
3410001-061
Local ID 3.0
r_squared 0.29176
Slope = -0.0060567095
Mann-Kendall Trend : no trend
P Value: 0.13313
Mann-Kendall S Value: -11.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

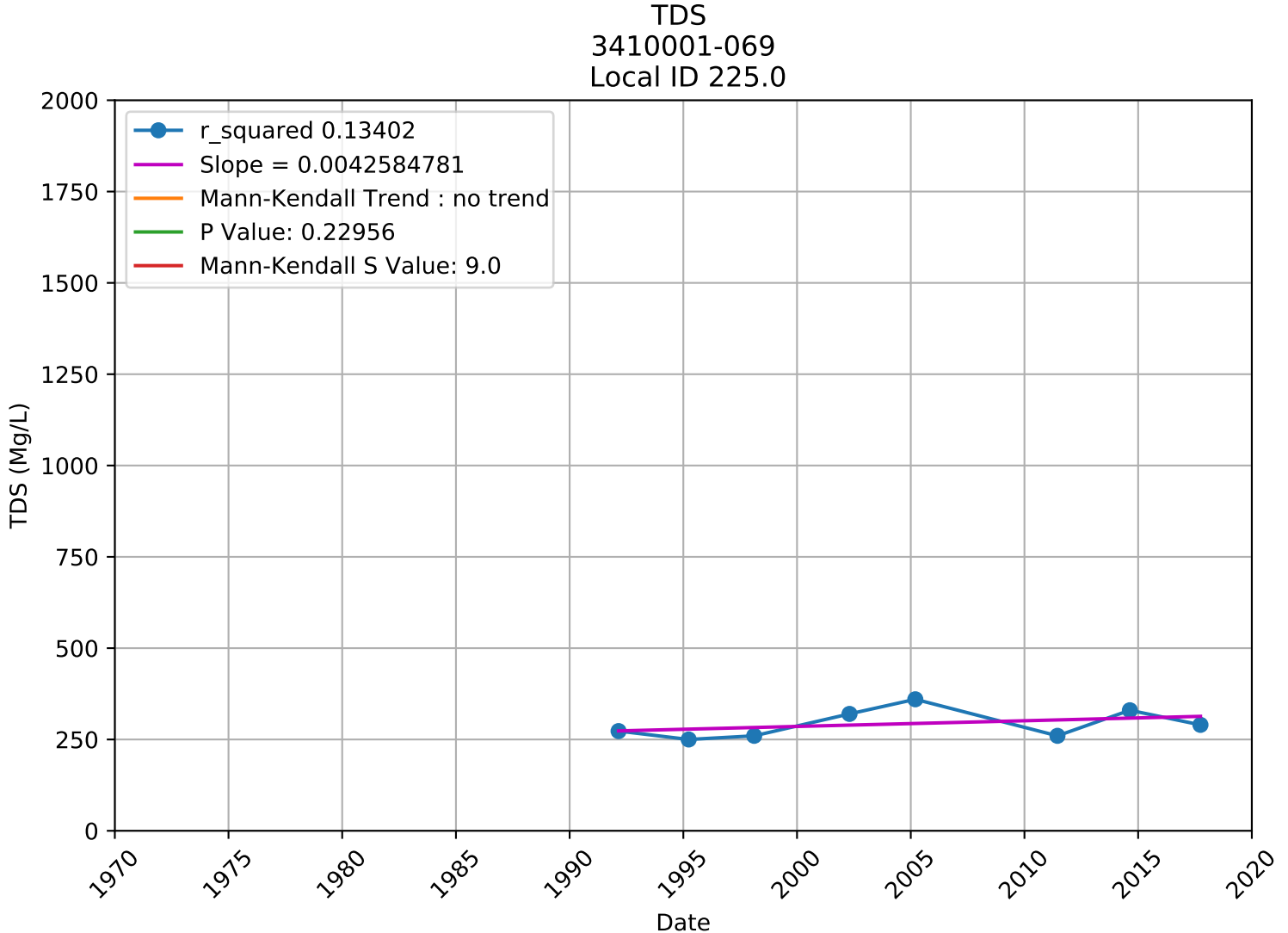

TDS
3410001-062
Local ID 176.0
r_squared 0.04397
Slope = 0.0020073461
Mann-Kendall Trend : no trend
P Value: 0.70711
Mann-Kendall S Value: 3.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

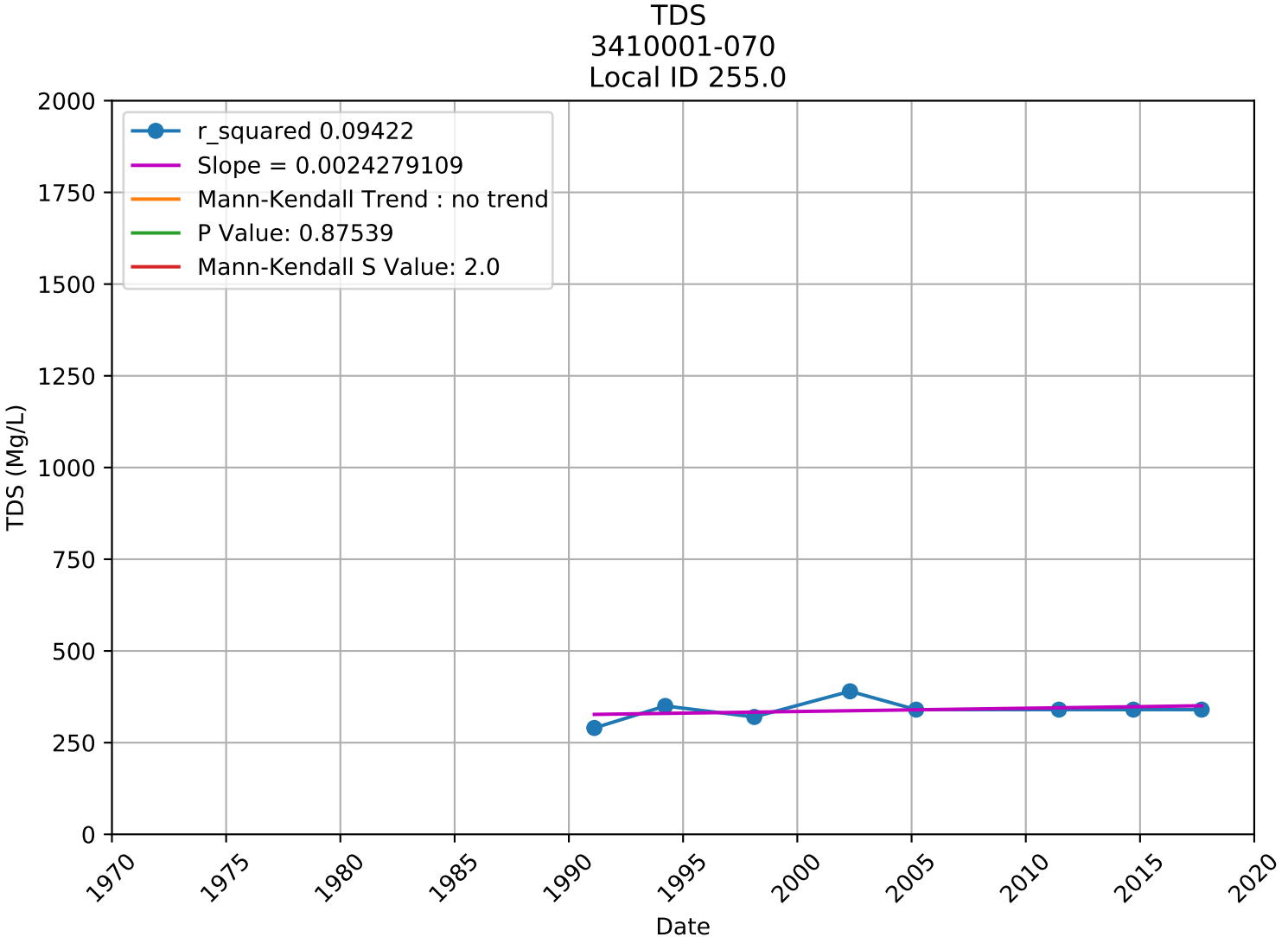

TDS
3410001-064
Local ID 12.0
r_squared 0.53091
Slope = 0.0039586472
Mann-Kendall Trend : no trend
P Value: 0.22067
Mann-Kendall S Value: 6.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

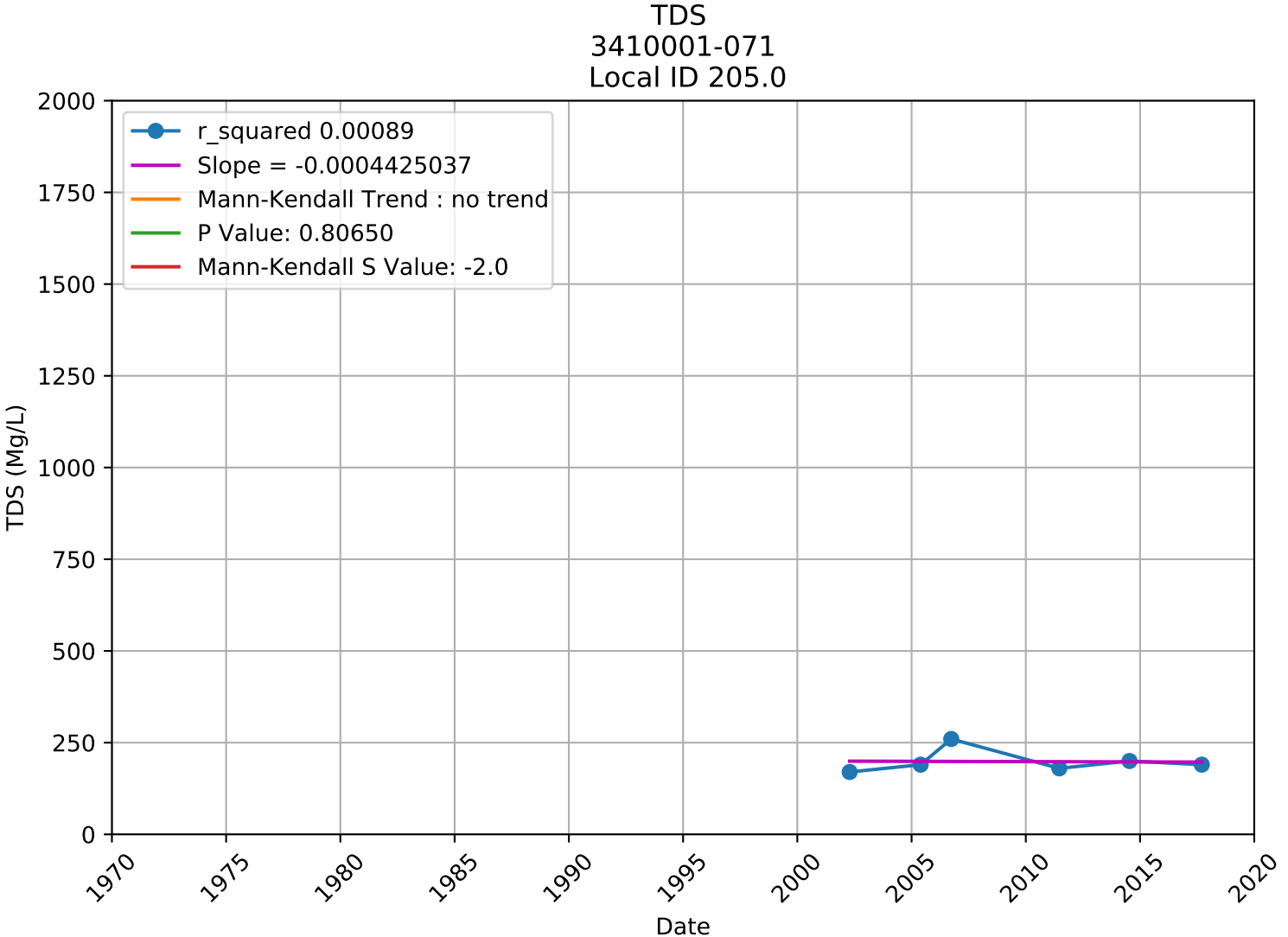

TDS
3410001-065
Local ID 13.0
r_squared 0.53854
Slope = -0.0058511088
Mann-Kendall Trend : decreasing
P Value: 0.02749
Mann-Kendall S Value: -10.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

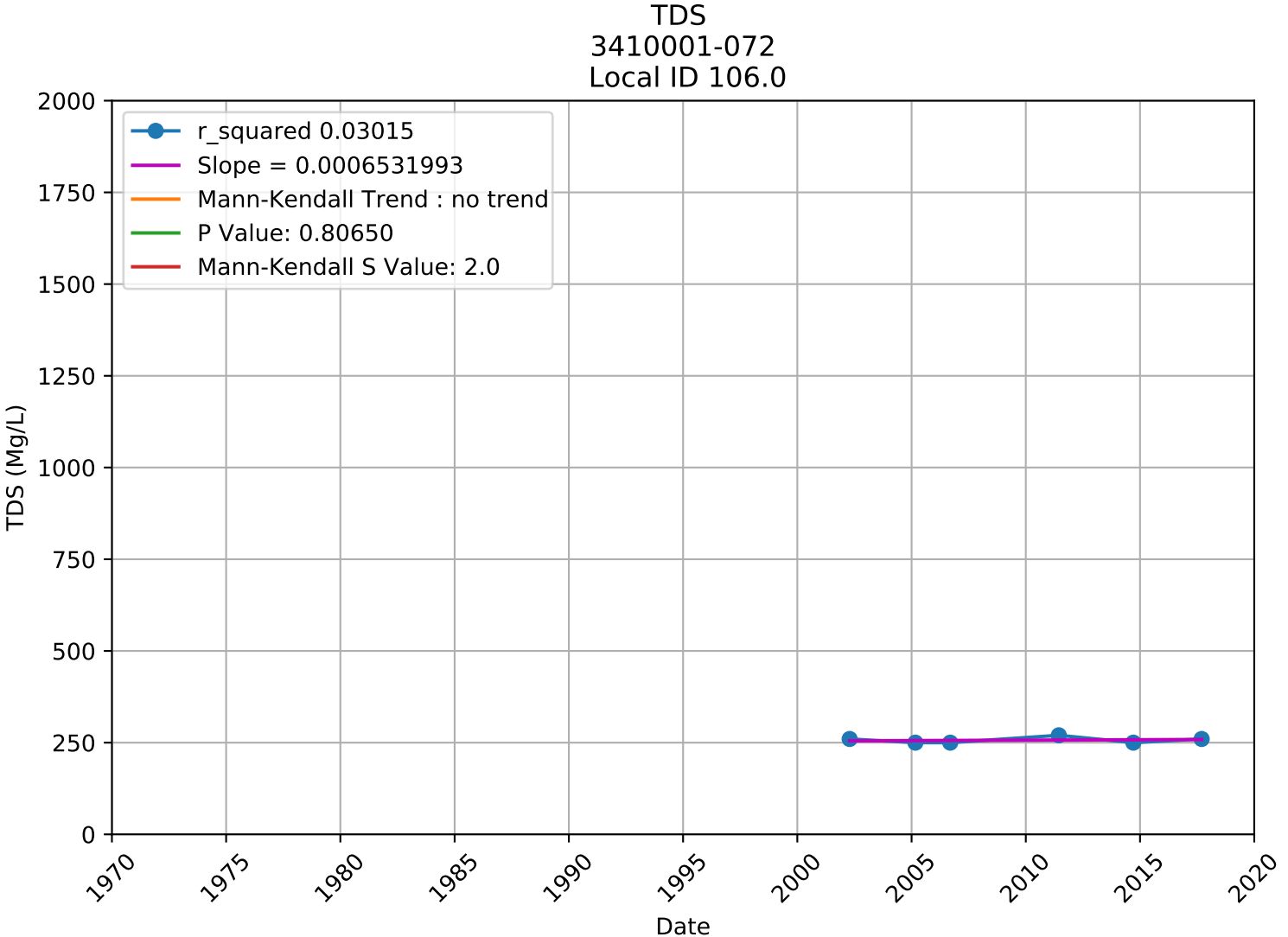

TDS
3410001-066
Local ID 4.0
r_squared 0.27141
Slope = -0.0033303973
Mann-Kendall Trend : no trend
P Value: 0.22067
Mann-Kendall S Value: -6.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

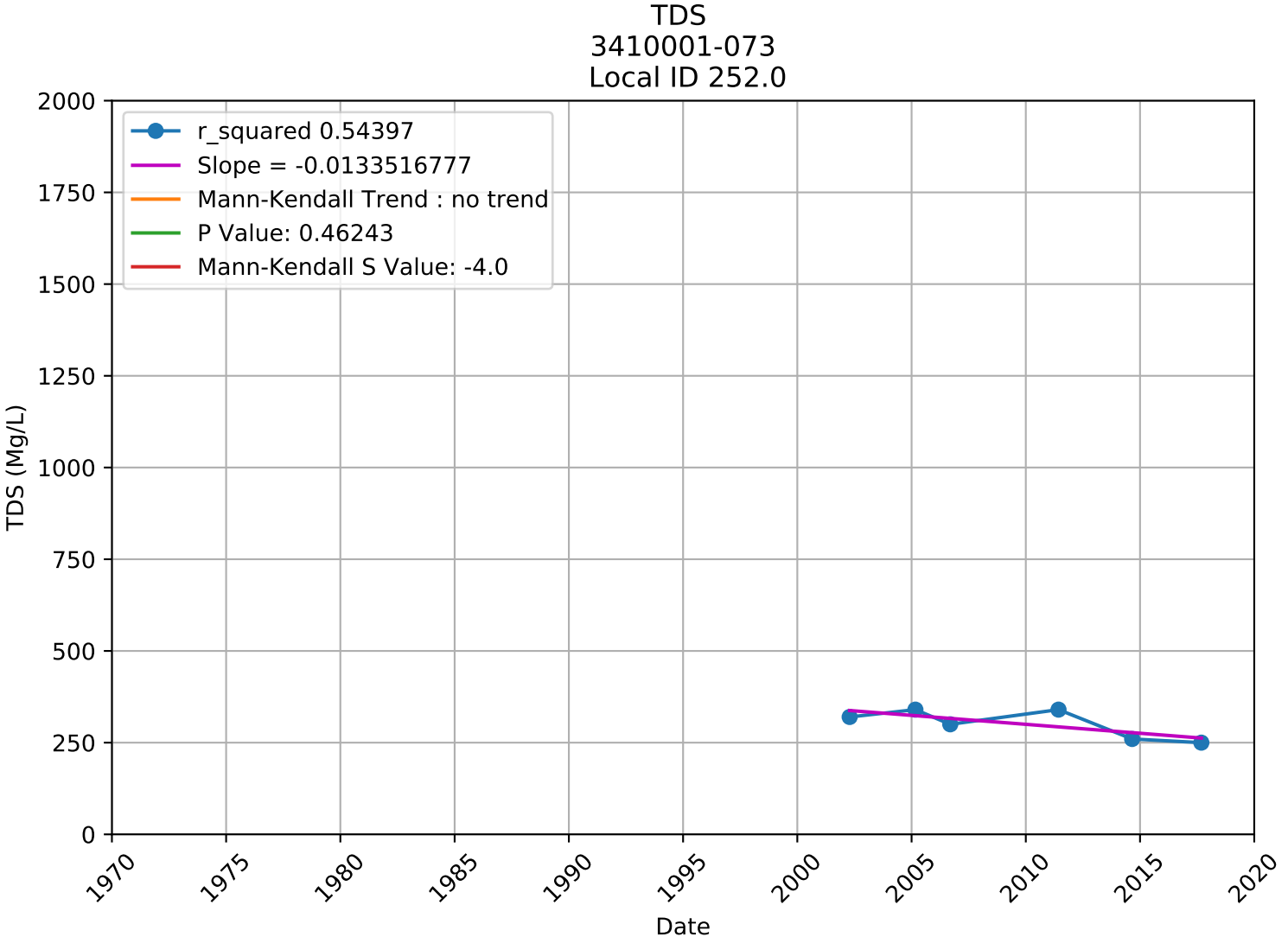

TDS
3410001-067
Local ID 2.0
r_squared 0.57488
Slope = -0.0590794092
Mann-Kendall Trend : no trend
P Value: 0.30818
Mann-Kendall S Value: 4.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

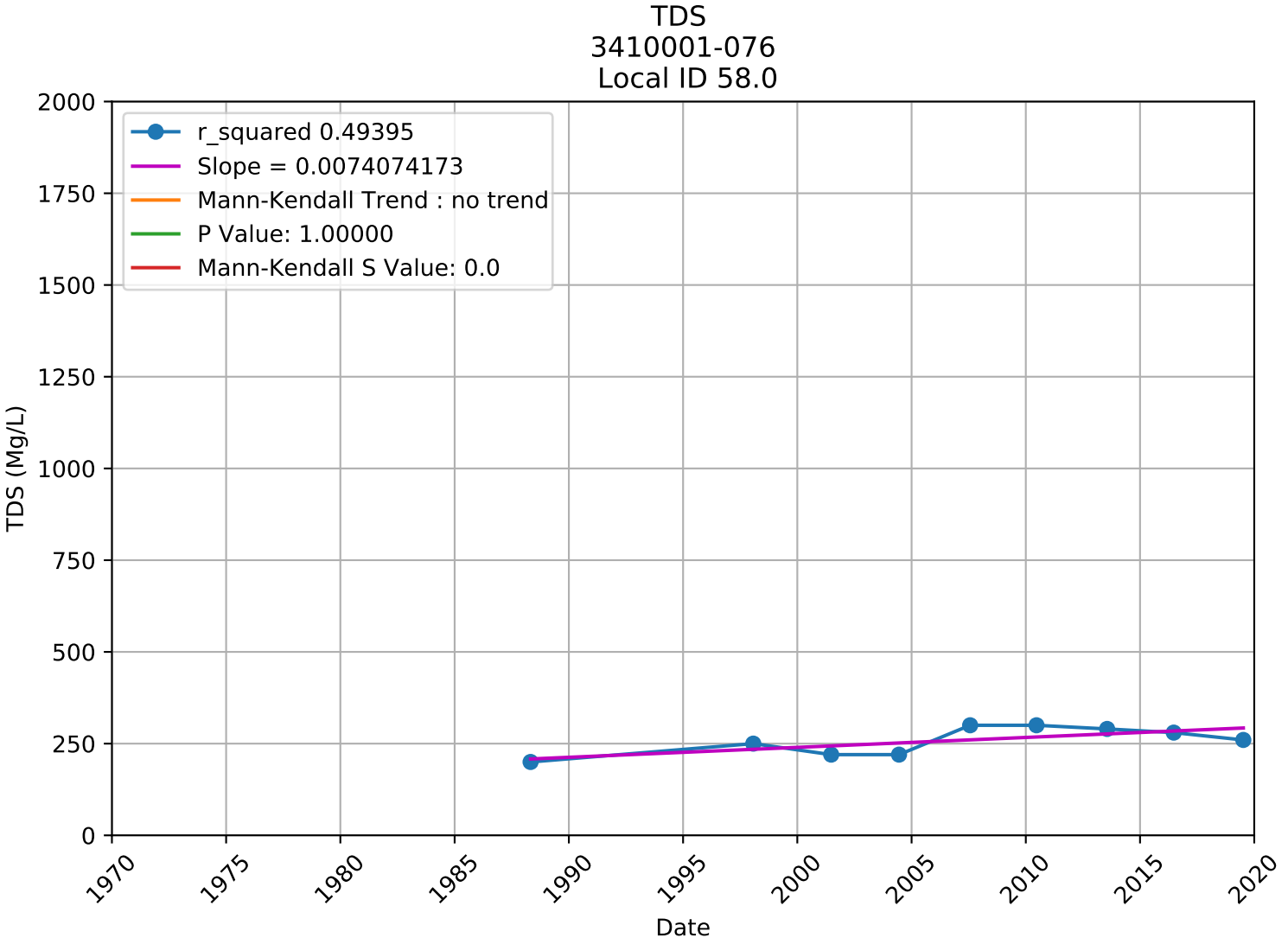

TDS
3410001-069
Local ID 225.0
r_squared 0.13402
Slope = 0.0042584781
Mann-Kendall Trend : no trend
P Value: 0.22956
Mann-Kendall S Value: 9.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

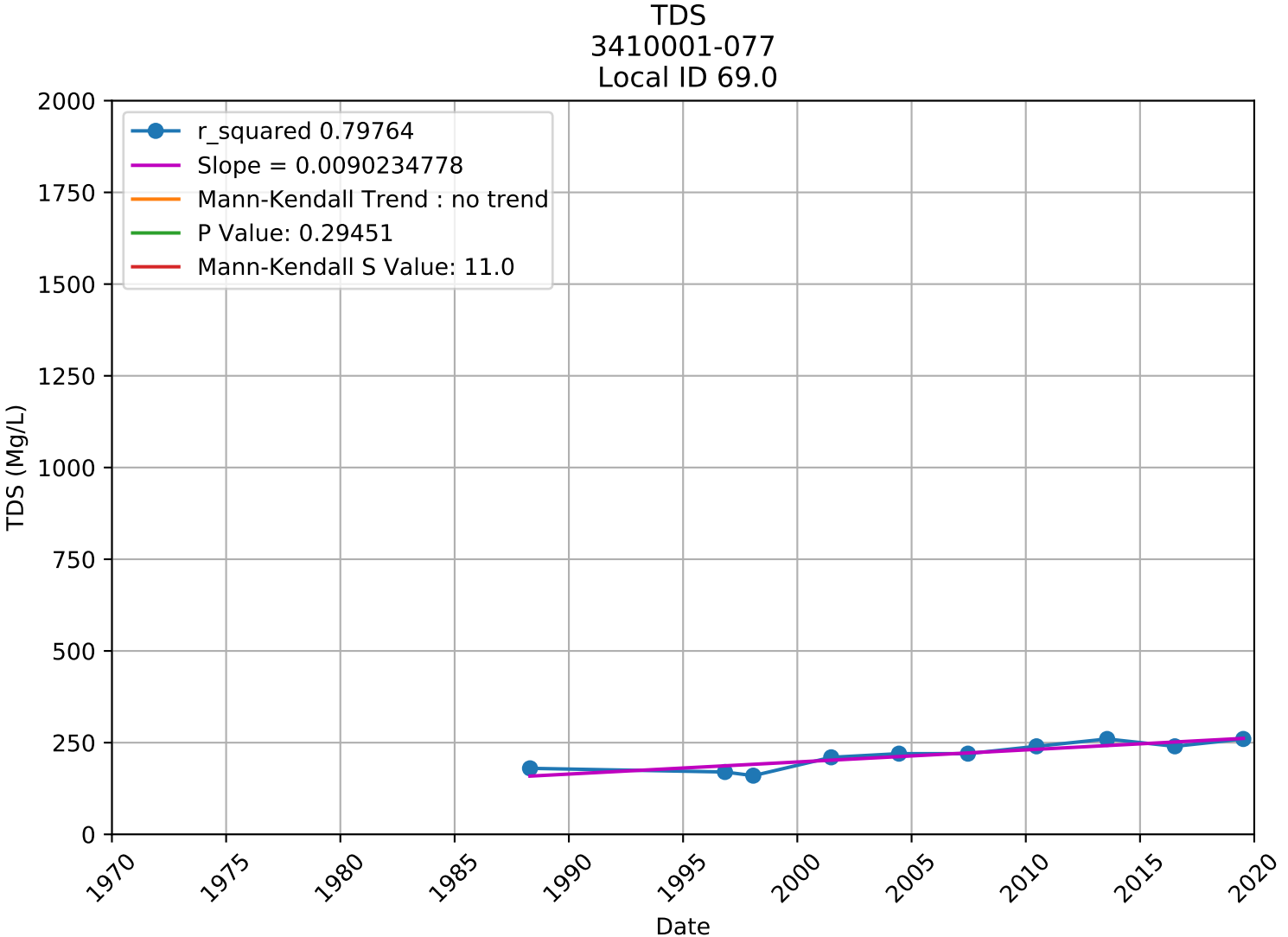

TDS
3410001-070
Local ID 255.0
r_squared 0.09422
Slope = 0.0024279109
Mann-Kendall Trend : no trend
P Value: 0.87539
Mann-Kendall S Value: 2.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

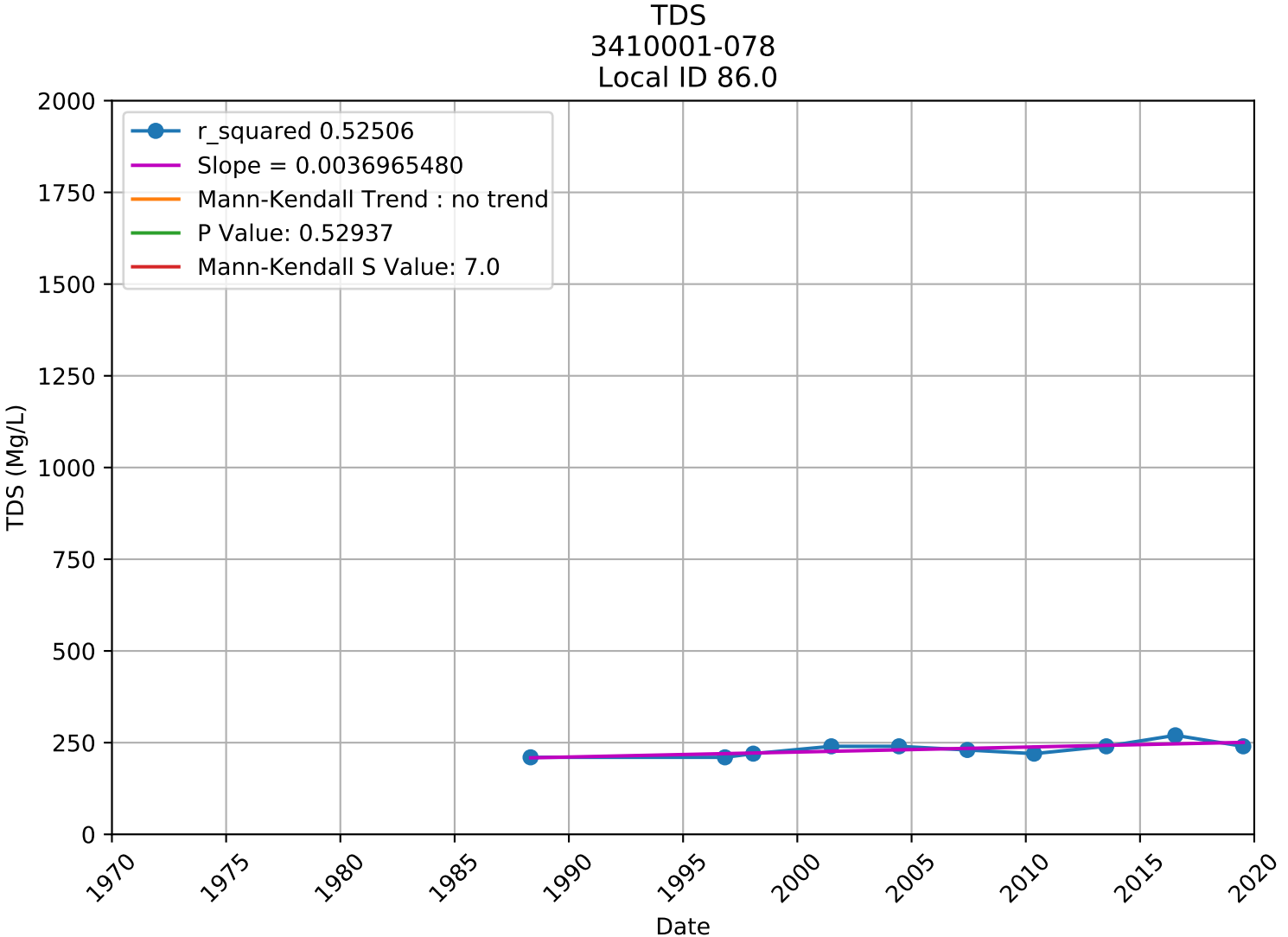

TDS
3410001-071
Local ID 205.0
r_squared 0.00089
Slope = -0.0004425037
Mann-Kendall Trend : no trend
P Value: 0.80650
Mann-Kendall S Value: -2.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

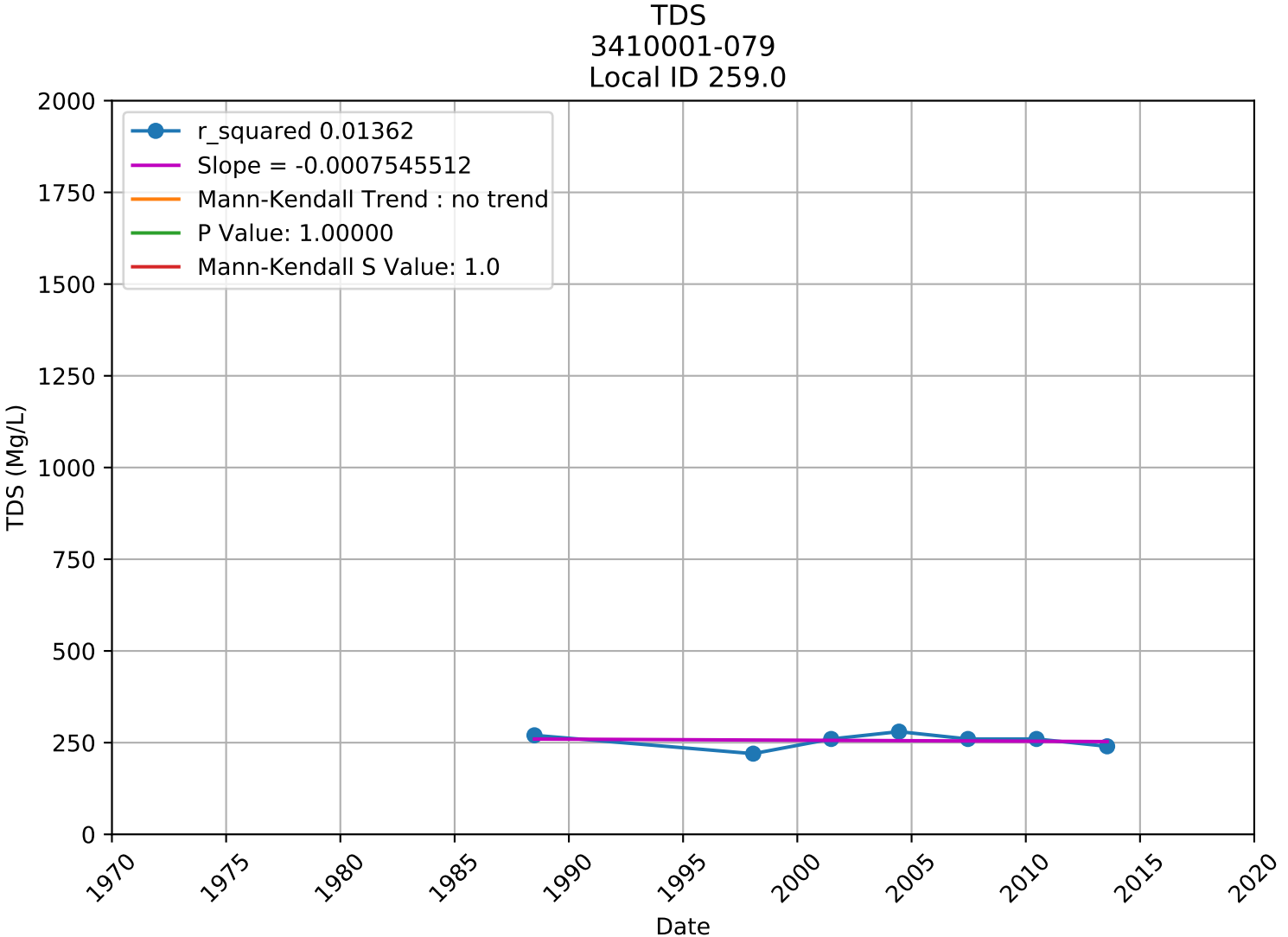

TDS
3410001-072
Local ID 106.0
r_squared 0.03015
Slope = 0.0006531993
Mann-Kendall Trend : no trend
P Value: 0.80650
Mann-Kendall S Value: 2.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

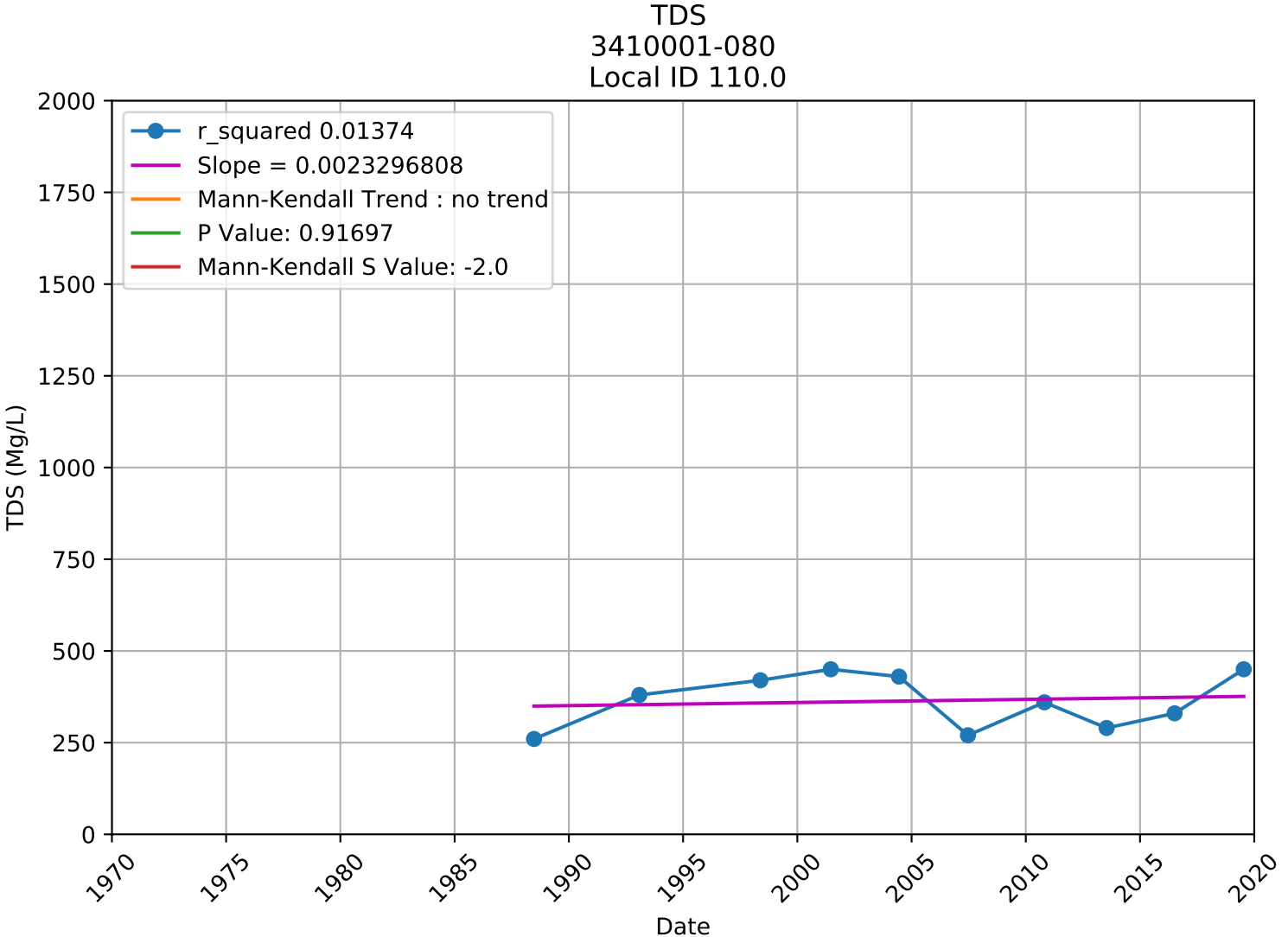

TDS
3410001-073
Local ID 252.0
r_squared 0.54397
Slope = -0.0133516777
Mann-Kendall Trend : no trend
P Value: 0.46243
Mann-Kendall S Value: -4.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

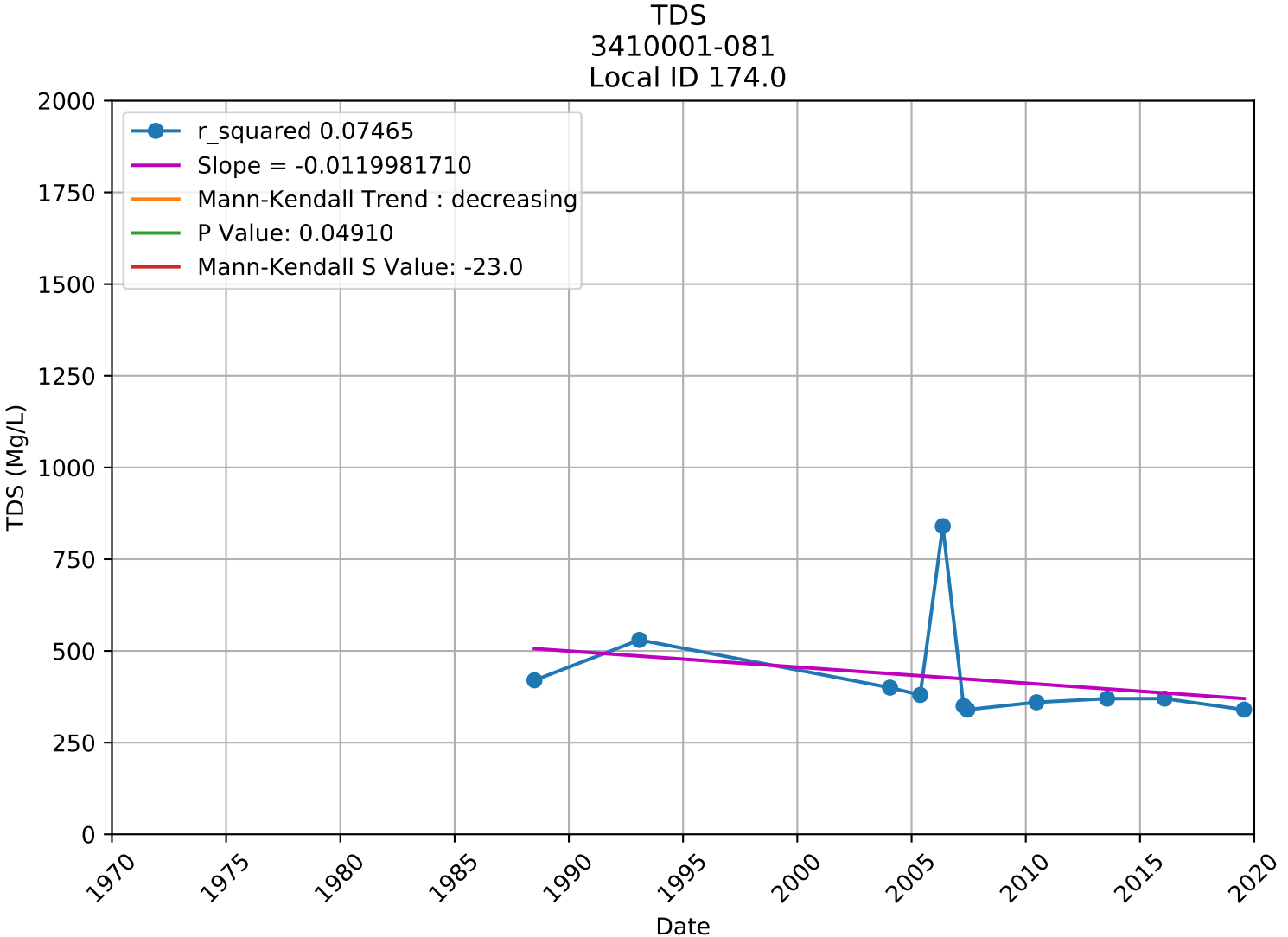

TDS
3410001-076
Local ID 58.0
r_squared 0.49395
Slope = 0.0074074173
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

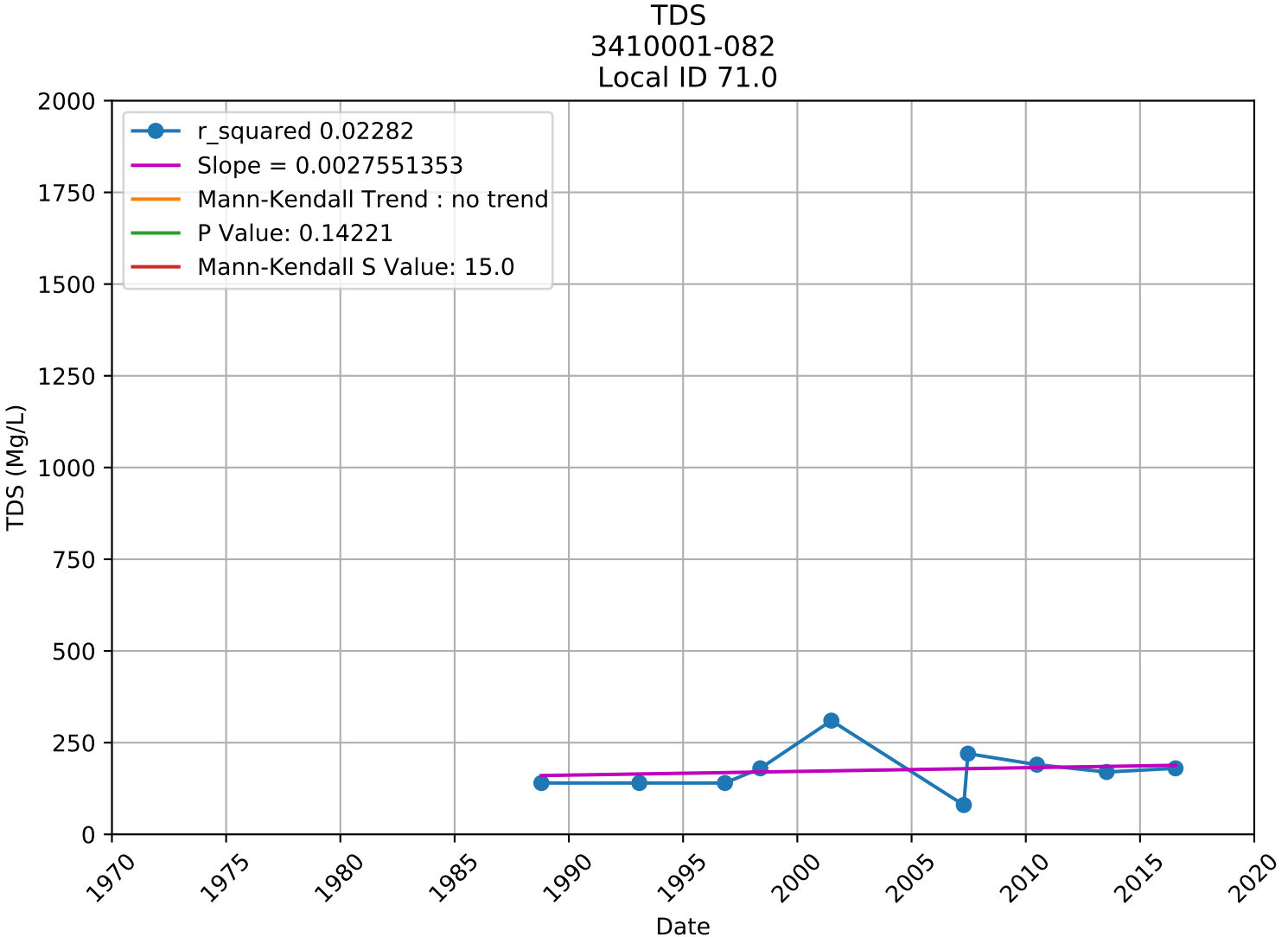

TDS
3410001-077
Local ID 69.0
r_squared 0.79764
Slope = 0.0090234778
Mann-Kendall Trend : no trend
P Value: 0.29451
Mann-Kendall S Value: 11.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

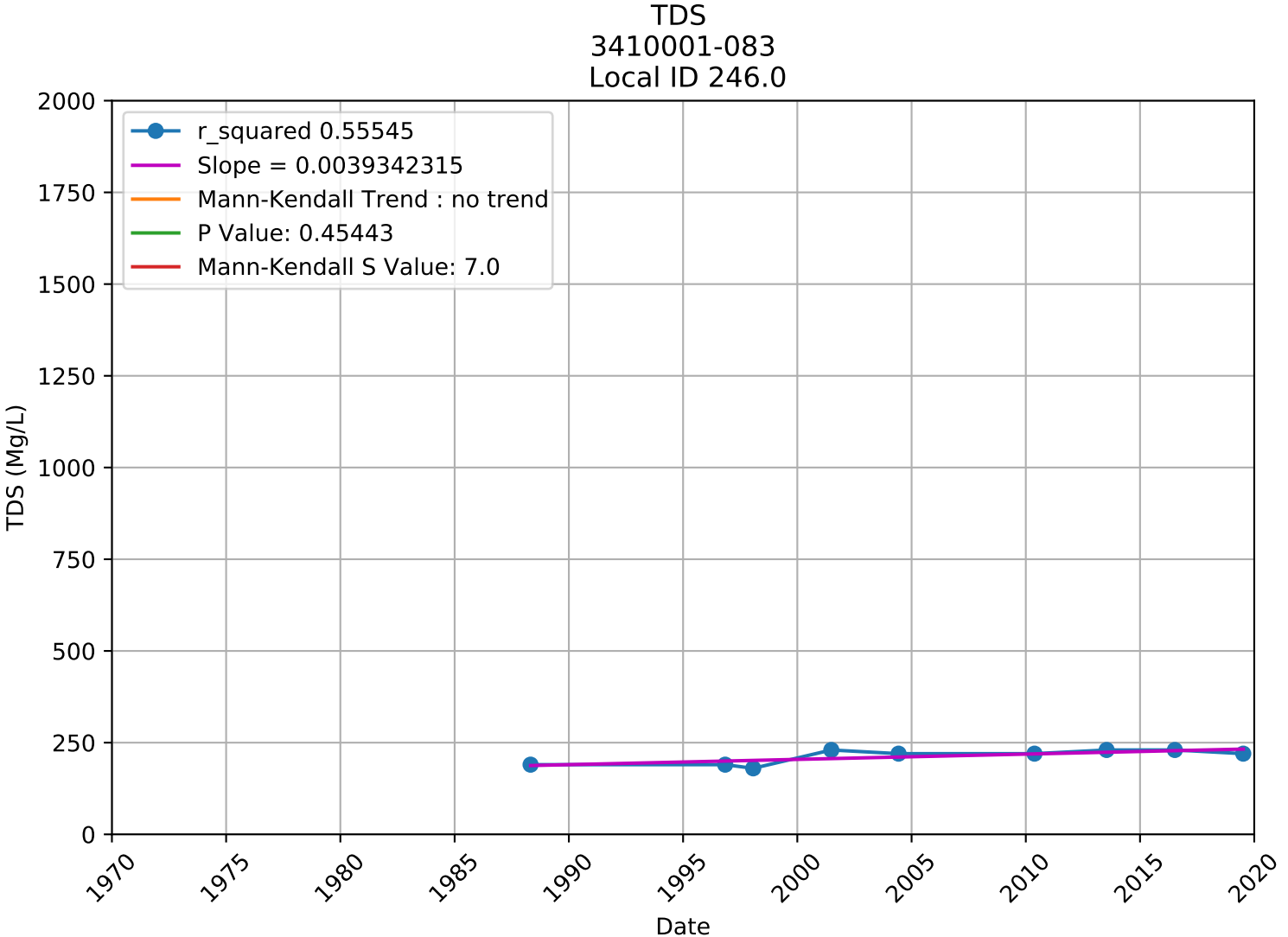

TDS
3410001-078
Local ID 86.0
r_squared 0.52506
Slope = 0.0036965480
Mann-Kendall Trend : no trend
P Value: 0.52937
Mann-Kendall S Value: 7.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

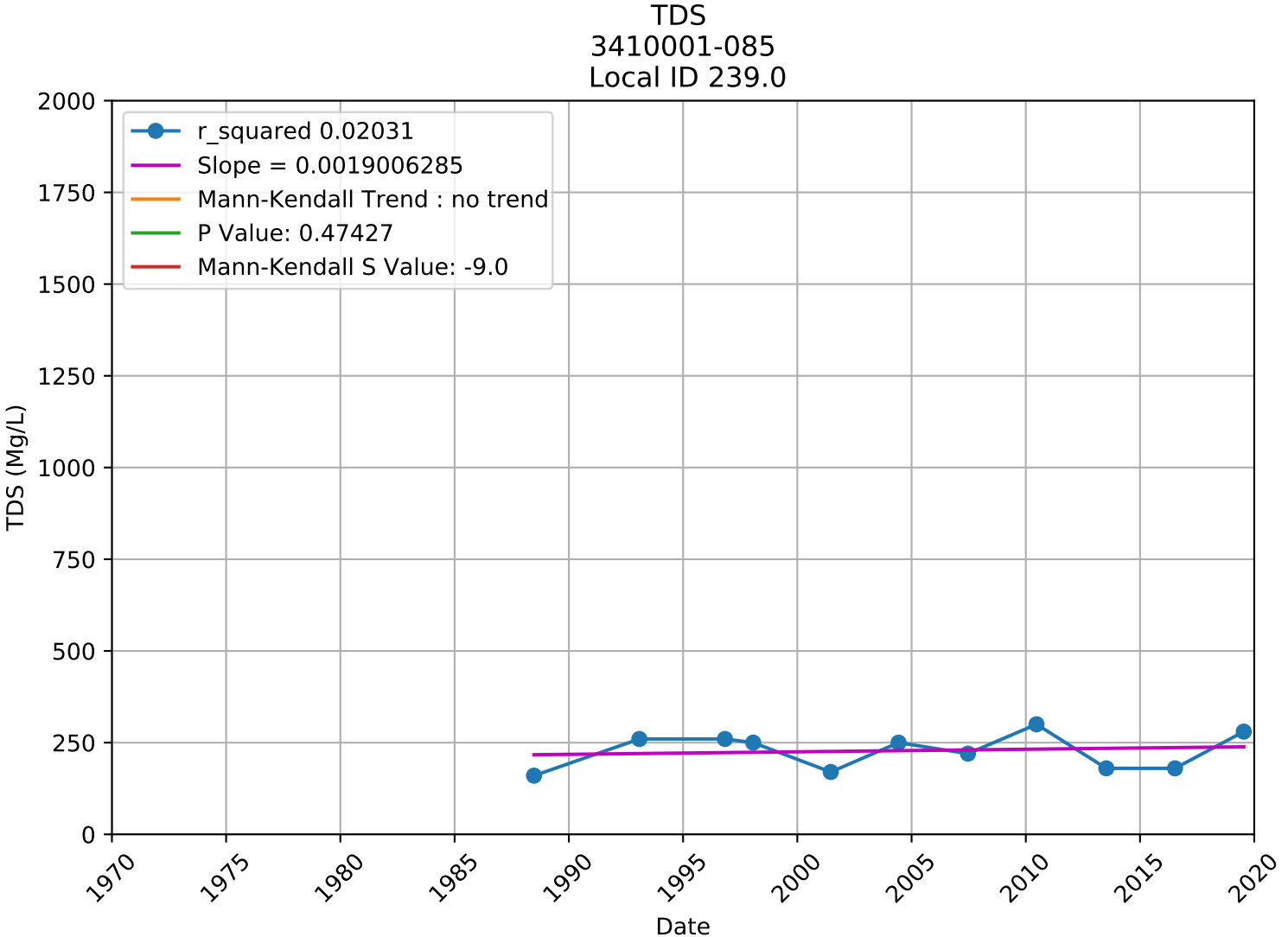

TDS
3410001-079
Local ID 259.0
r_squared 0.01362
Slope = -0.0007545512
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

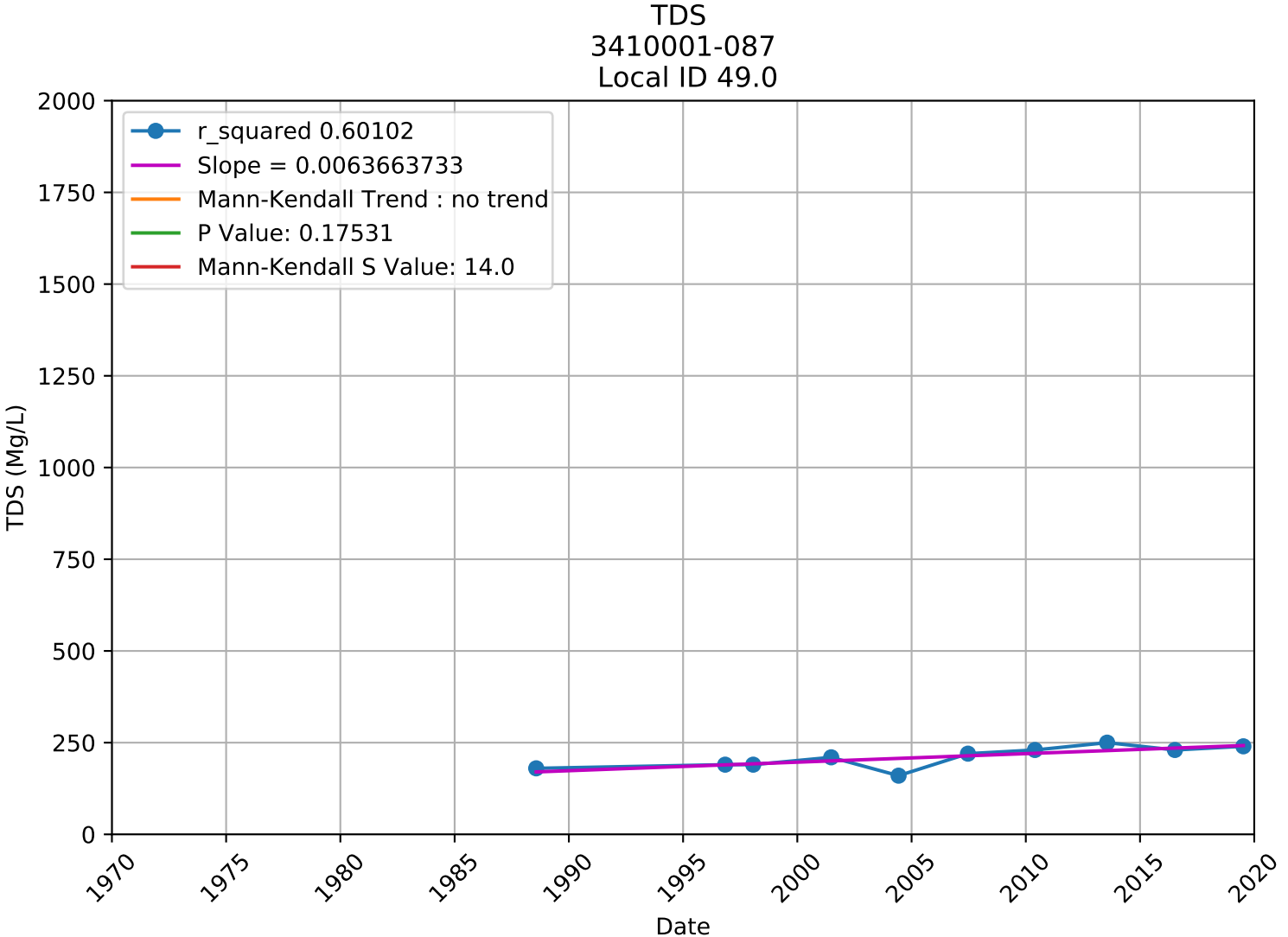

TDS
3410001-080
Local ID 110.0
r_squared 0.01374
Slope = 0.0023296808
Mann-Kendall Trend : no trend
P Value: 0.91697
Mann-Kendall S Value: -2.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

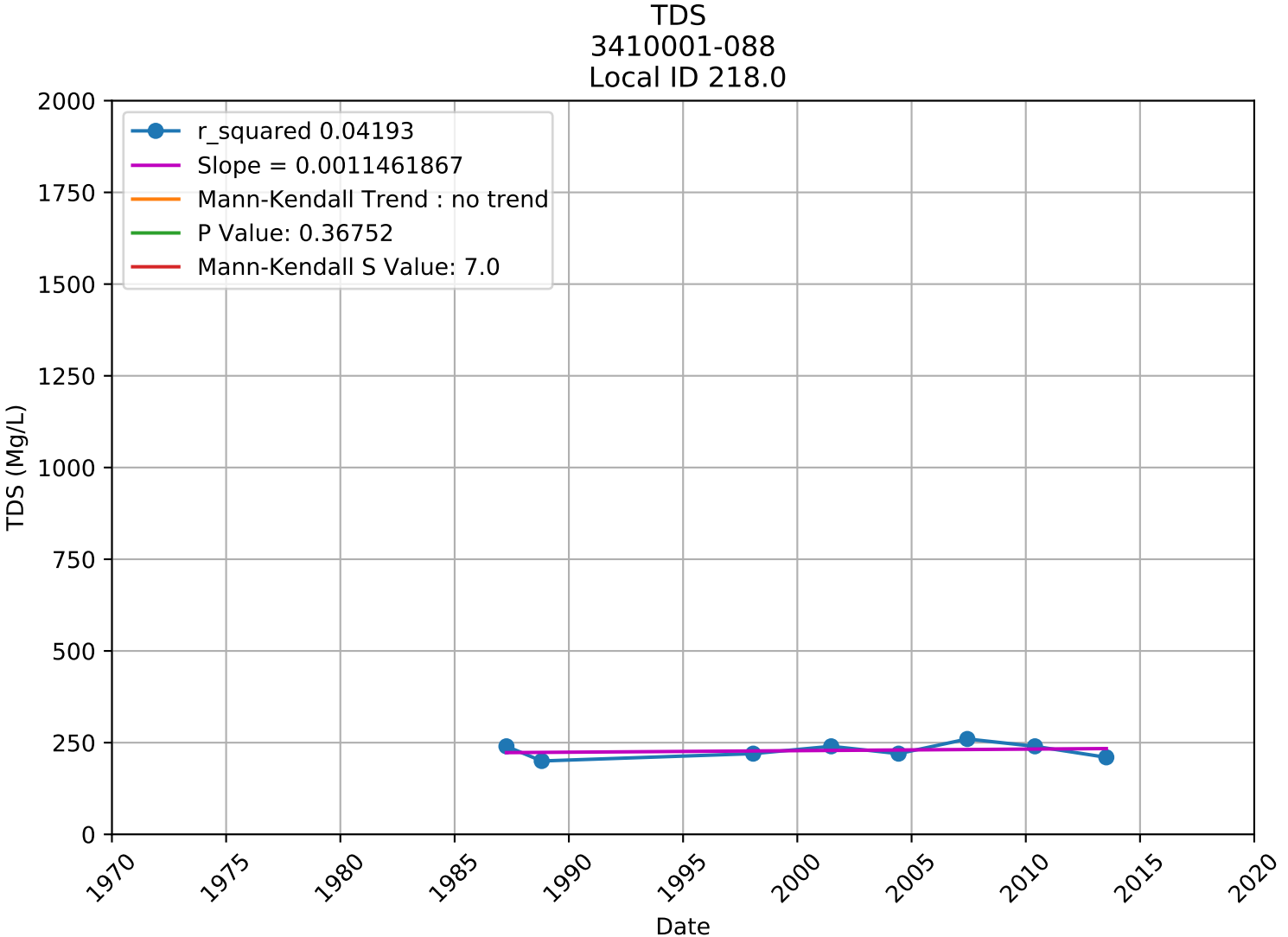

TDS
3410001-081
Local ID 174.0
r_squared 0.07465
Slope = -0.0119981710
Mann-Kendall Trend : decreasing
P Value: 0.04910
Mann-Kendall S Value: -23.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

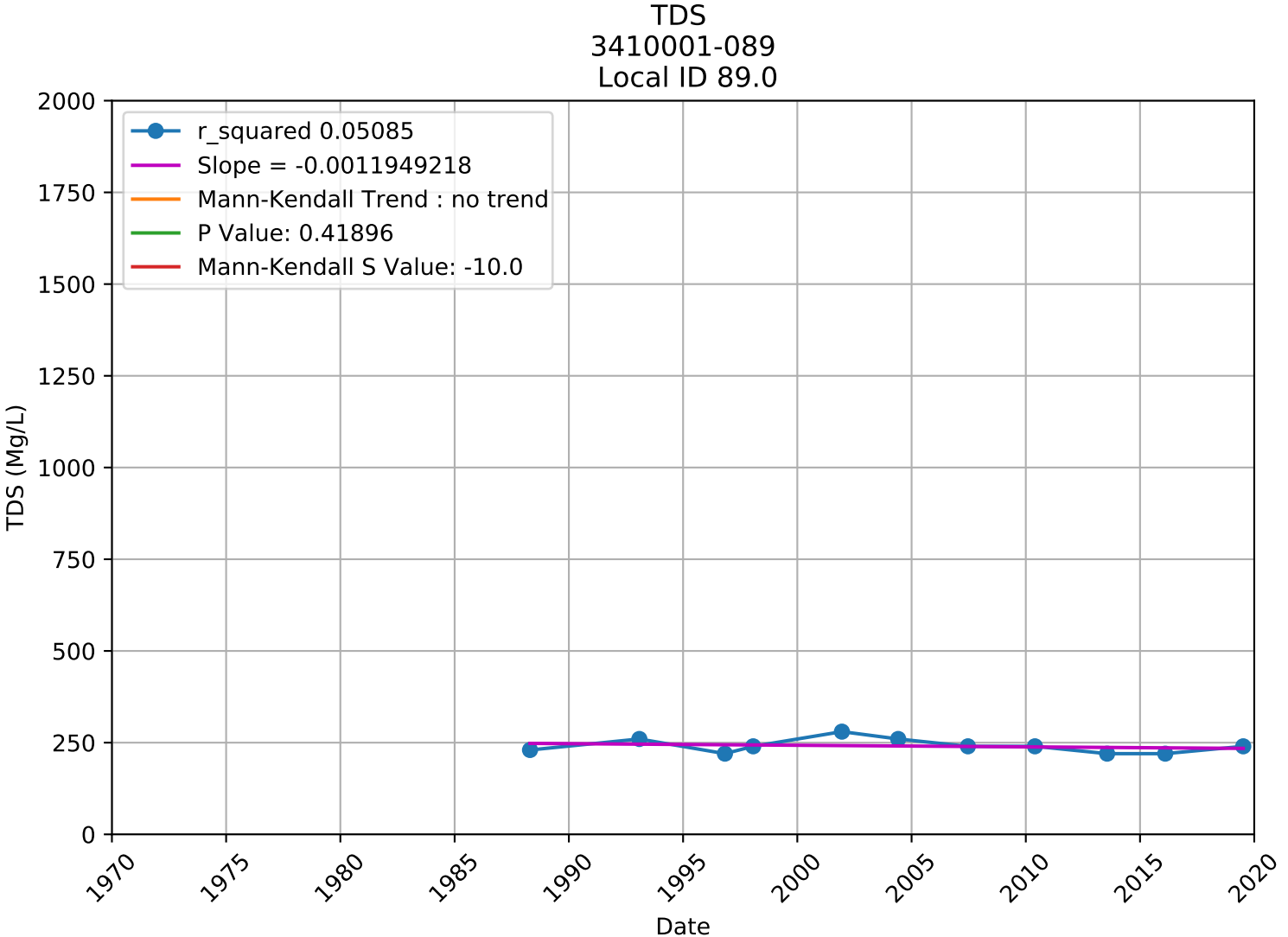

TDS
3410001-082
Local ID 71.0
r_squared 0.02282
Slope = 0.0027551353
Mann-Kendall Trend : no trend
P Value: 0.14221
Mann-Kendall S Value: 15.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

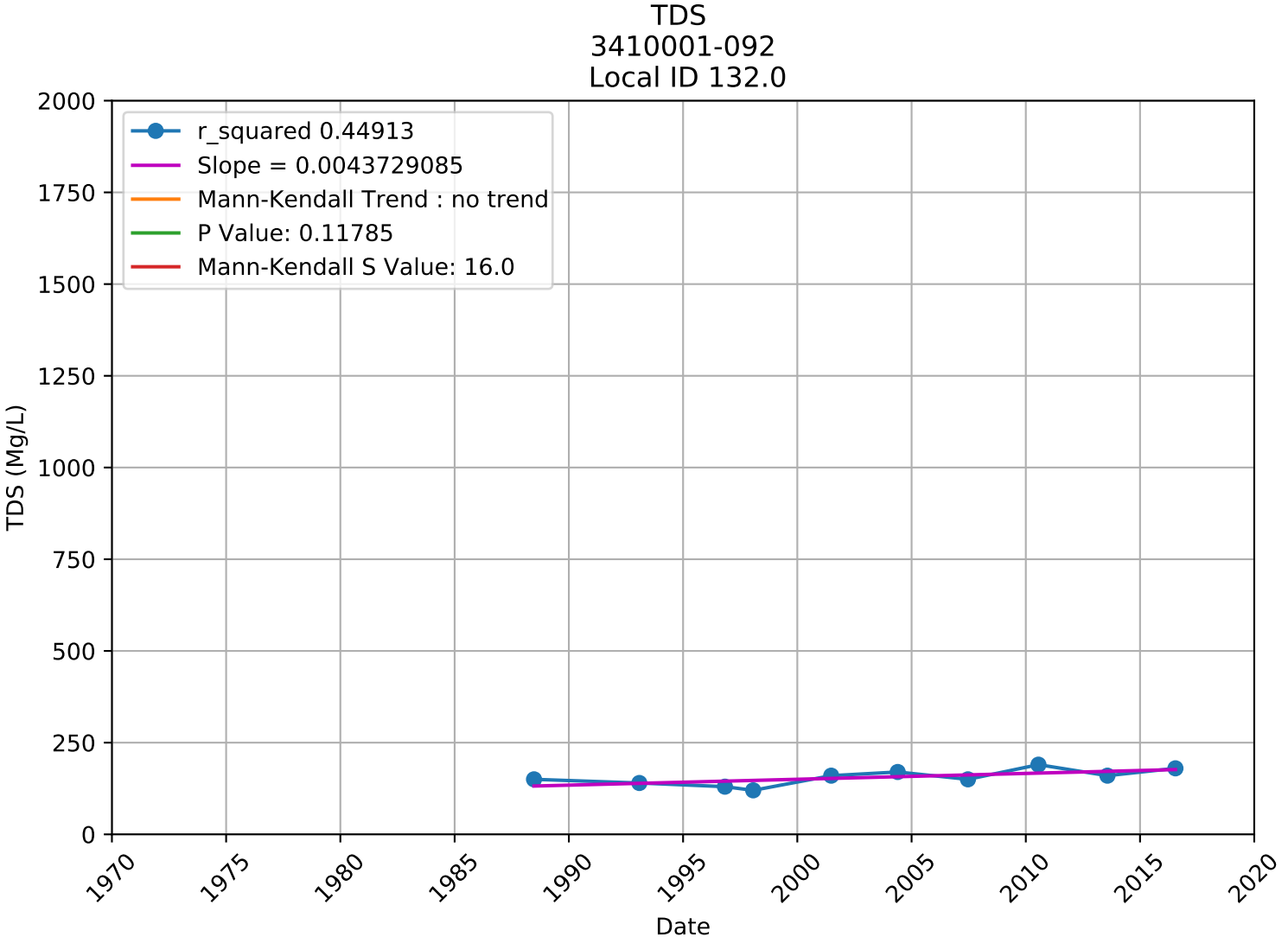

TDS
3410001-083
Local ID 246.0
r_squared 0.55545
Slope = 0.0039342315
Mann-Kendall Trend : no trend
P Value: 0.45443
Mann-Kendall S Value: 7.0
TDS (Mg/L)
Date
2000
1750
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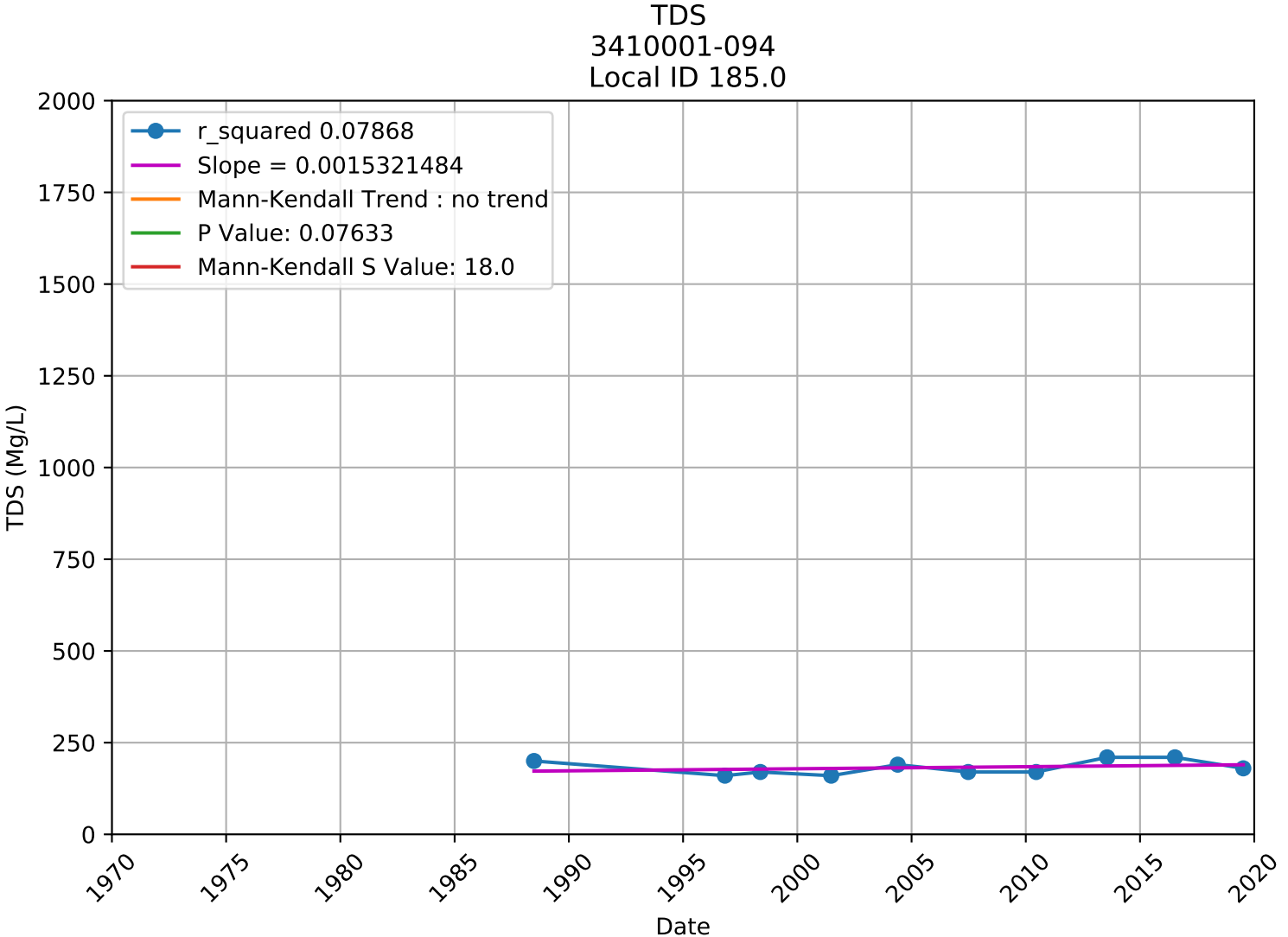

TDS
3410001-085
Local ID 239.0
r_squared 0.02031
Slope = 0.0019006285
Mann-Kendall Trend : no trend
P Value: 0.47427
Mann-Kendall S Value: -9.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
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1970
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1995
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2005
2010
2015
2020
Date

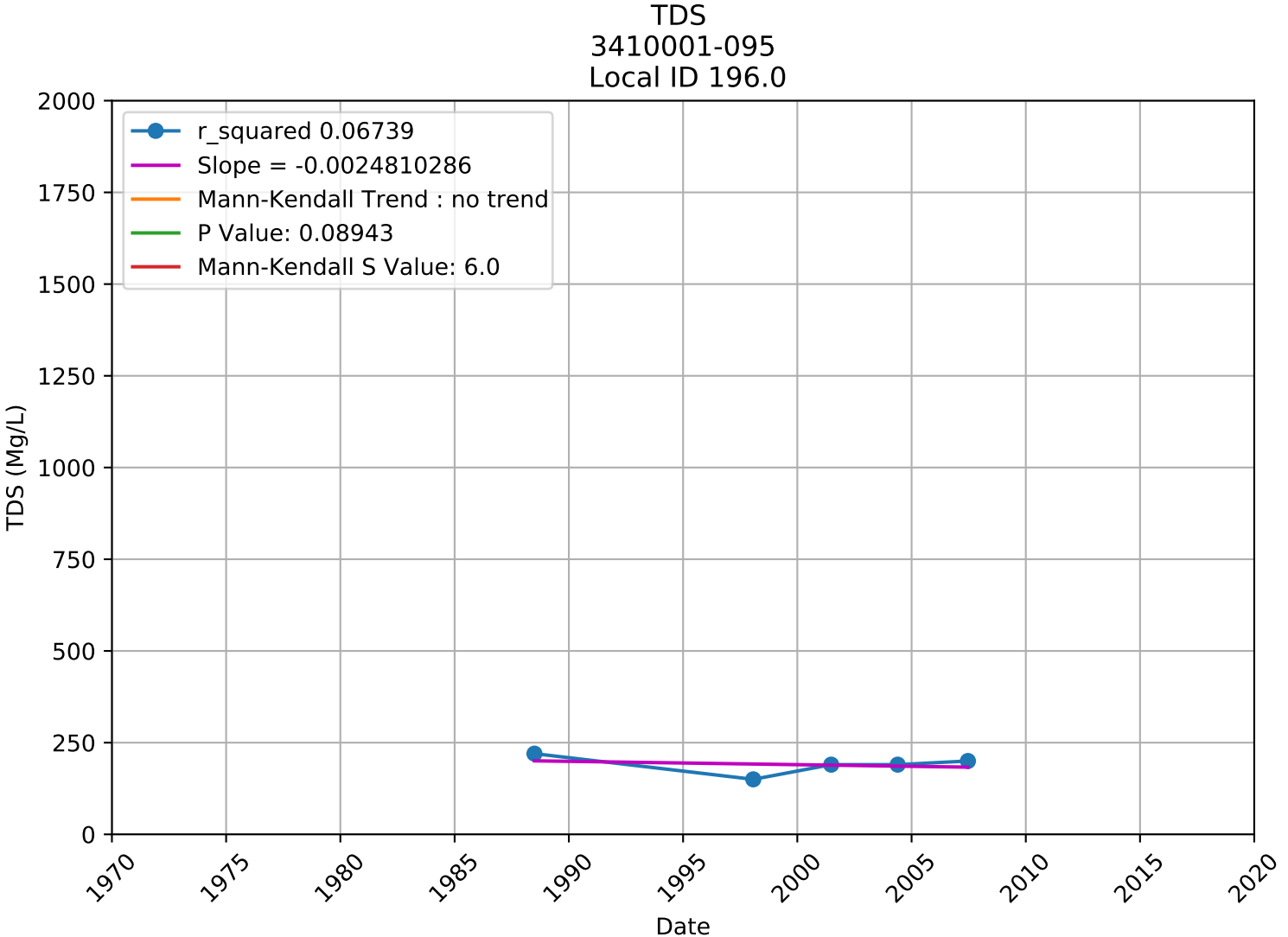

TDS
3410001-087
Local ID 49.0
r_squared 0.60102
Slope = 0.0063663733
Mann-Kendall Trend : no trend
P Value: 0.17531
Mann-Kendall S Value: 14.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
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1990
1995
2000
2005
2010
2015
2020

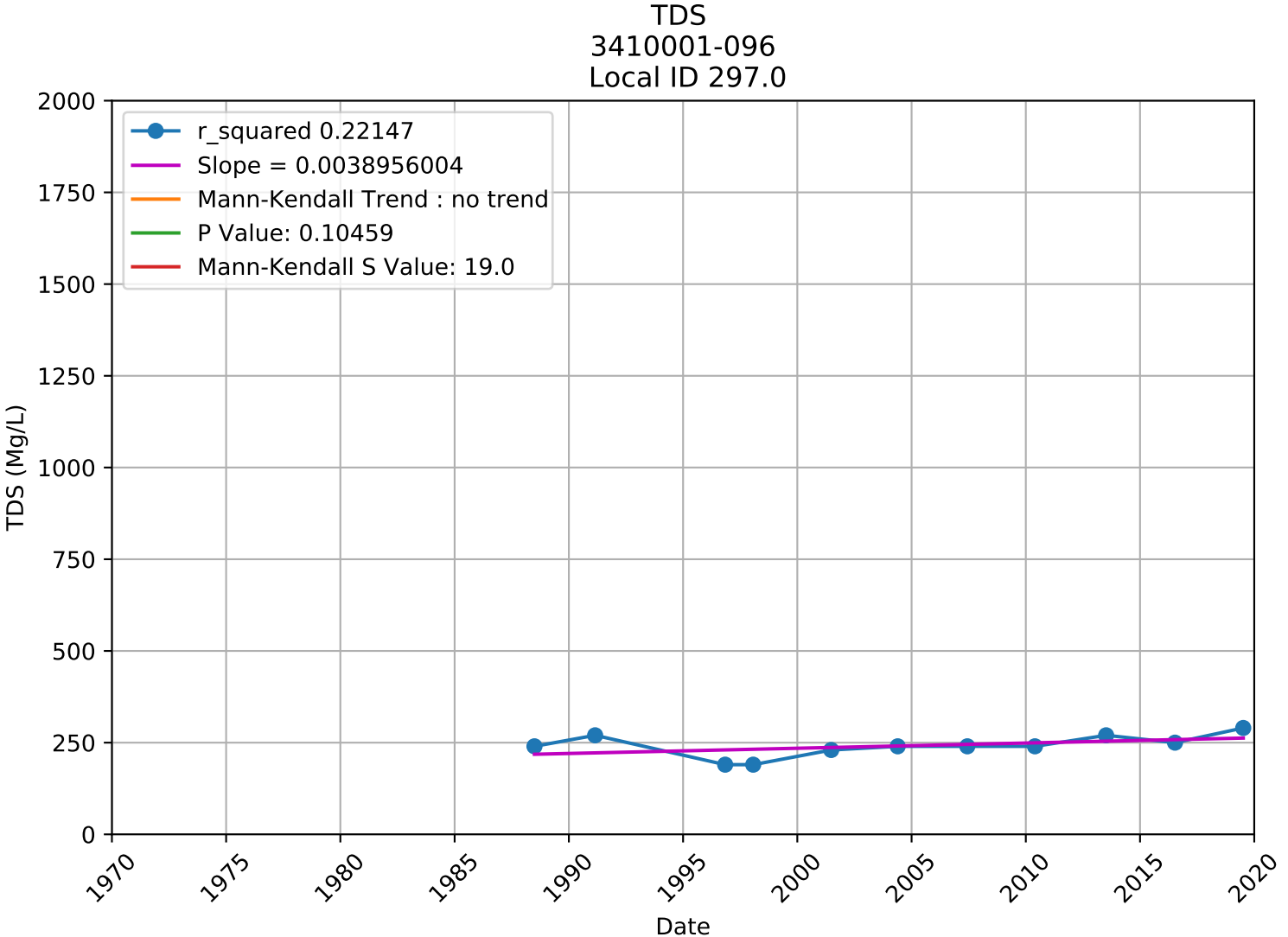

TDS
3410001-088
Local ID 218.0
r_squared 0.04193
Slope = 0.0011461867
Mann-Kendall Trend : no trend
P Value: 0.36752
Mann-Kendall S Value: 7.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
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250
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1970
1975
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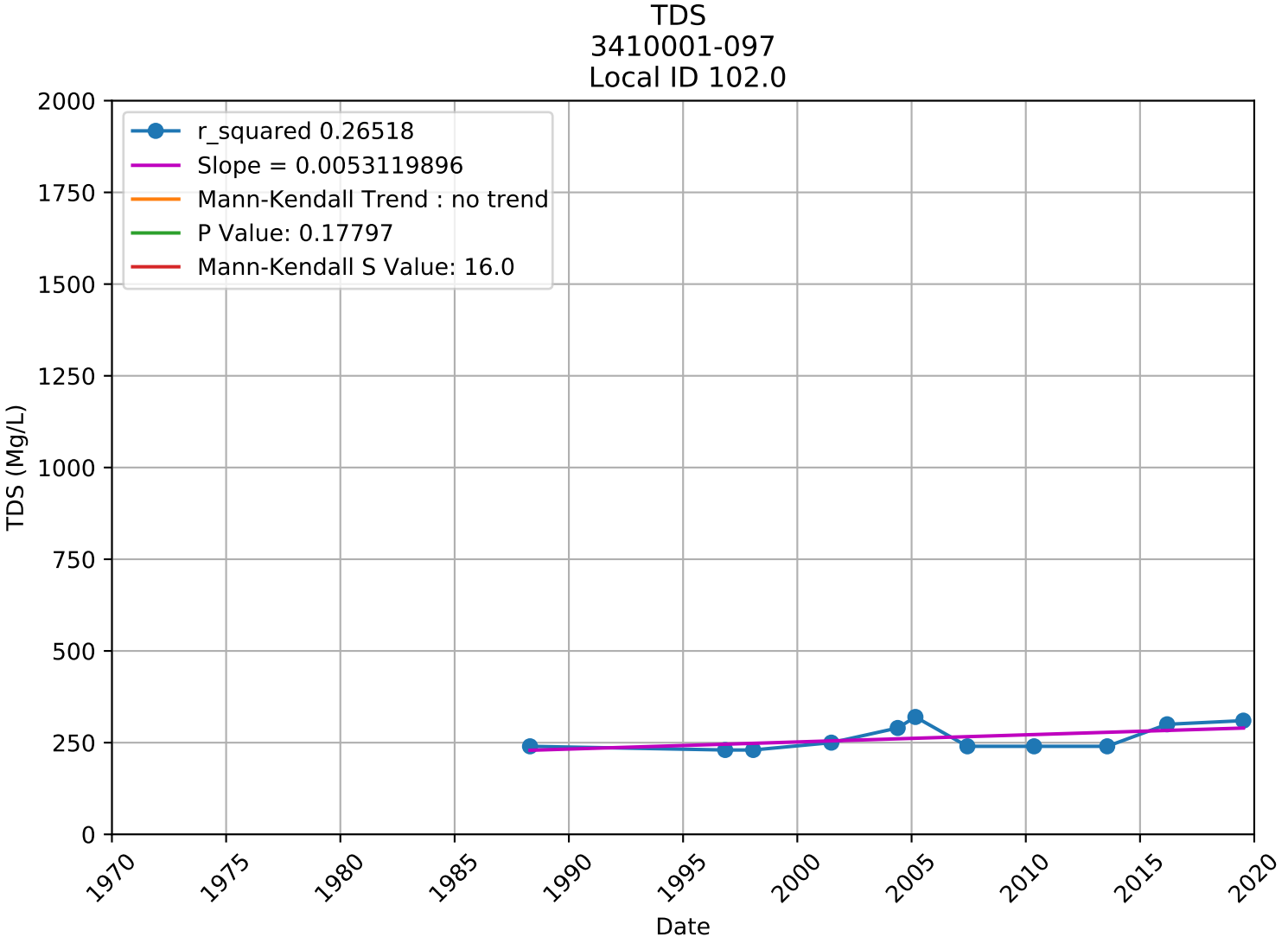

TDS
3410001-089
Local ID 89.0
r_squared 0.05085
Slope = -0.0011949218
Mann-Kendall Trend : no trend
P Value: 0.41896
Mann-Kendall S Value: -10.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
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1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

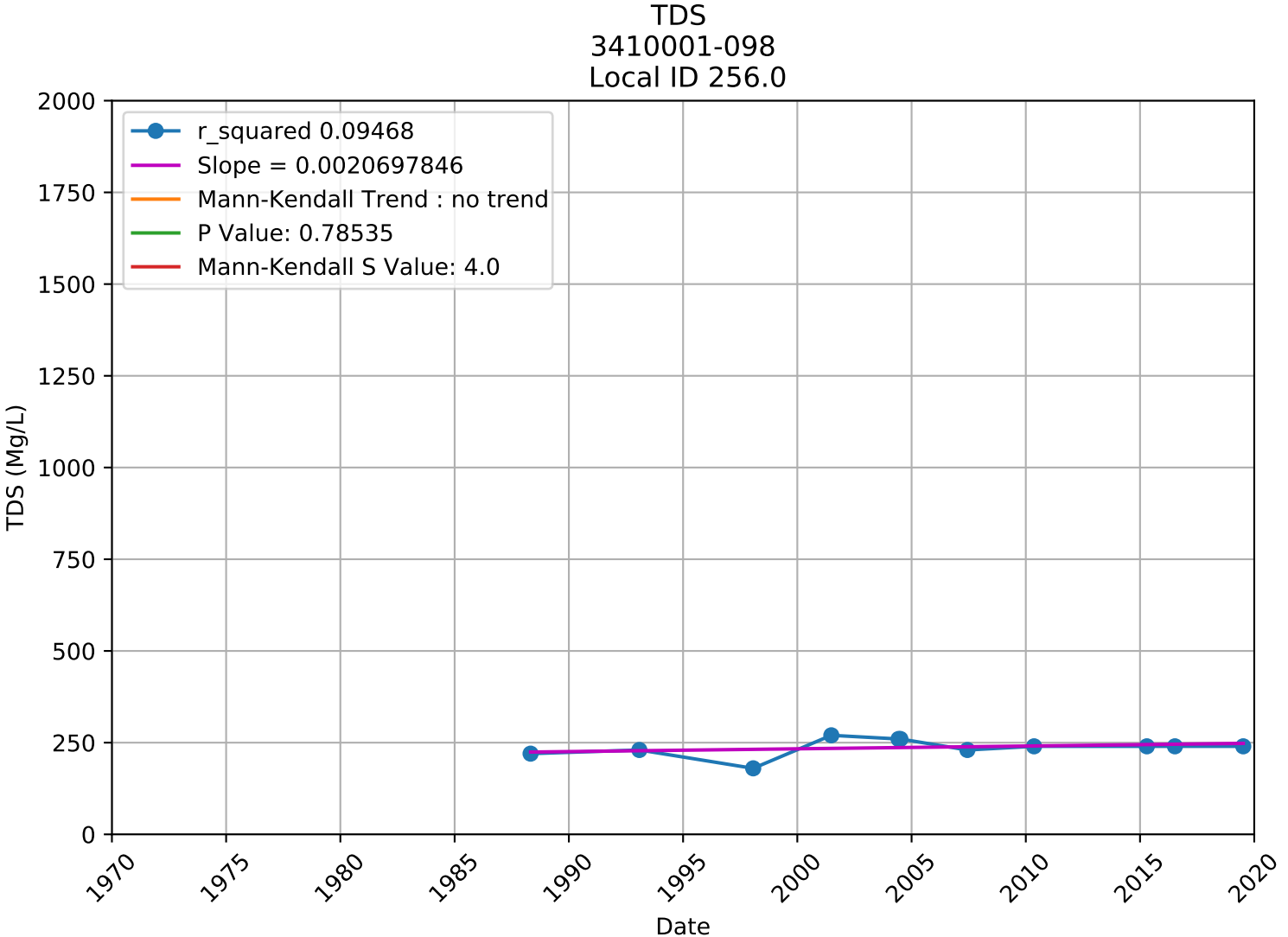

TDS
3410001-092
Local ID 132.0
r_squared 0.44913
Slope = 0.0043729085
Mann-Kendall Trend : no trend
P Value: 0.11785
Mann-Kendall S Value: 16.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
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1970
1975
1980
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1990
1995
2000
2005
2010
2015
2020

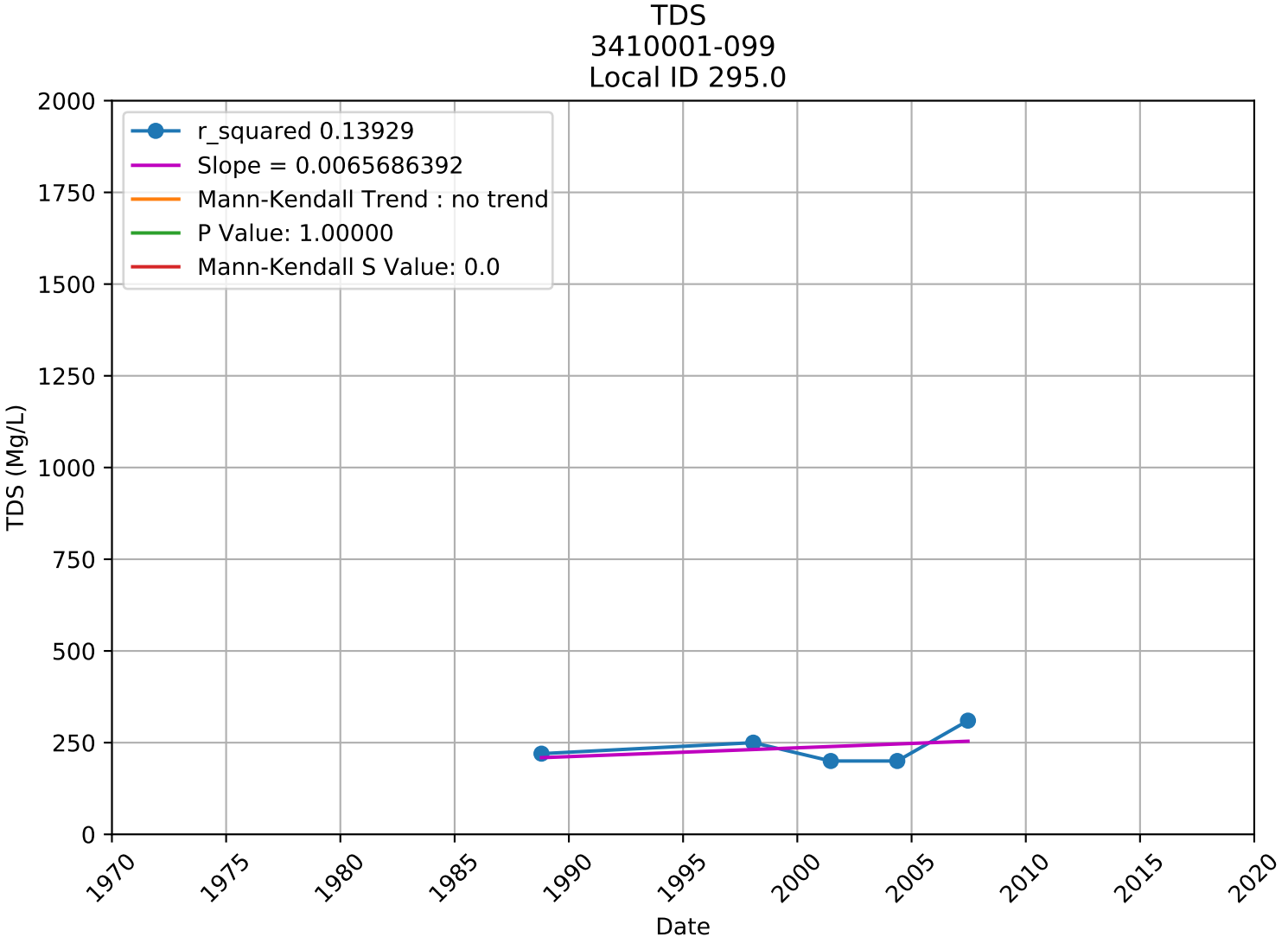

TDS
3410001-094
Local ID 185.0
r_squared 0.07868
Slope = 0.0015321484
Mann-Kendall Trend : no trend
P Value: 0.07633
Mann-Kendall S Value: 18.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
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1995
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2015
2020
Date

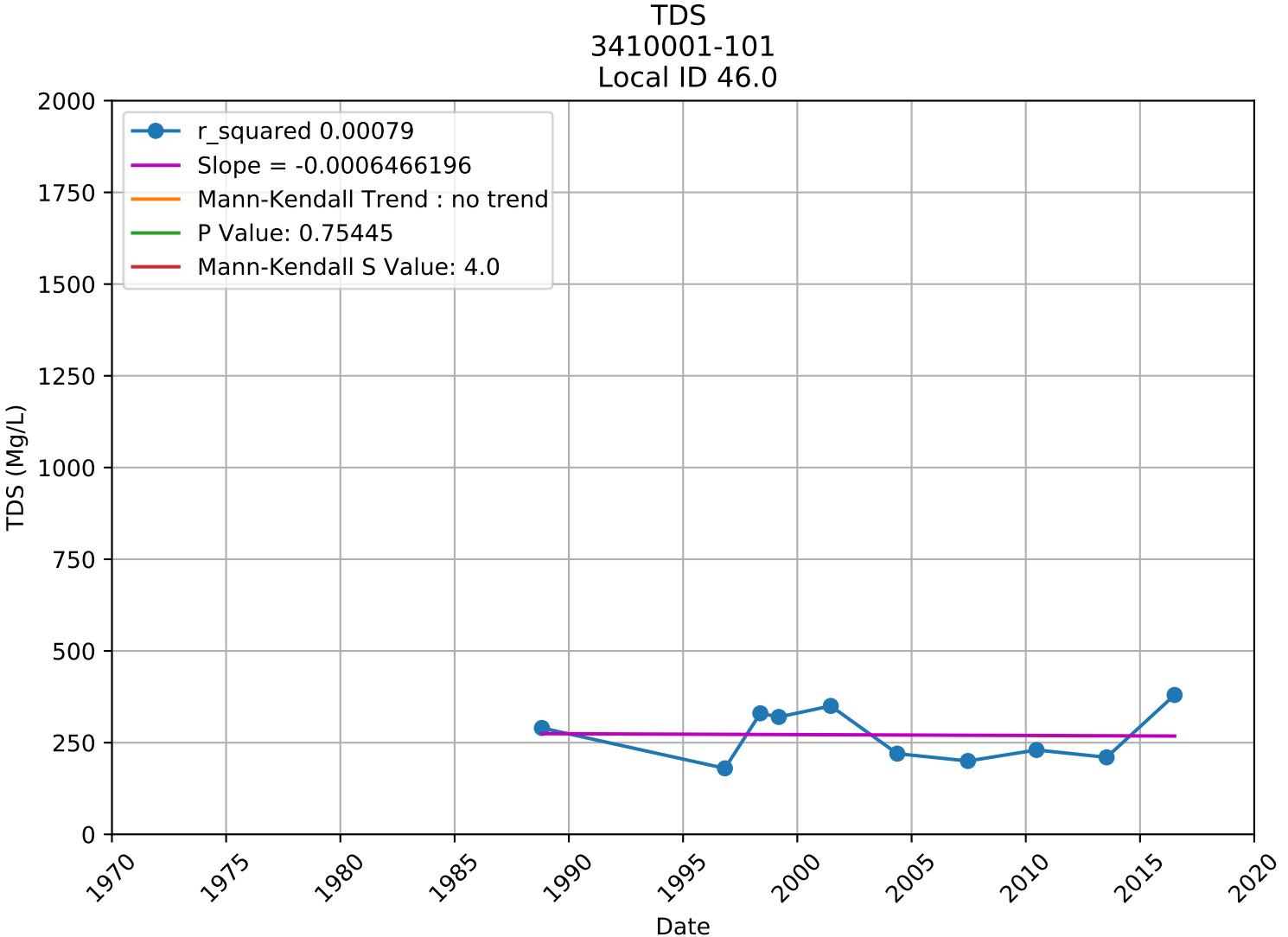

TDS
3410001-095
Local ID 196.0
r_squared 0.06739
Slope = -0.0024810286
Mann-Kendall Trend : no trend
P Value: 0.08943
Mann-Kendall S Value: 6.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
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1970
1975
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2005
2010
2015
2020
Date

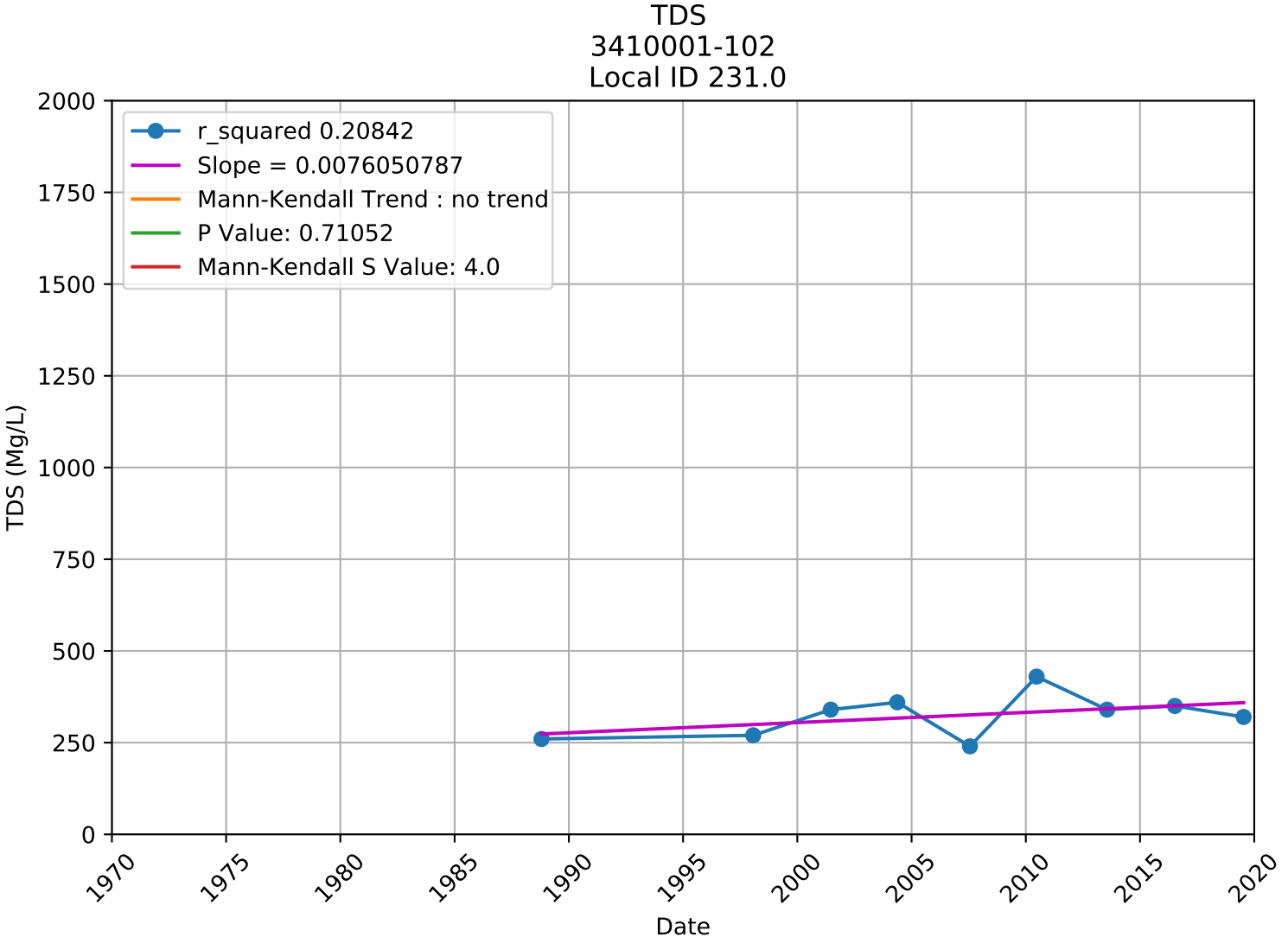

TDS
3410001-096
Local ID 297.0
r_squared 0.22147
Slope = 0.0038956004
Mann-Kendall Trend : no trend
P Value: 0.10459
Mann-Kendall S Value: 19.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
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1970
1975
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2010
2015
2020

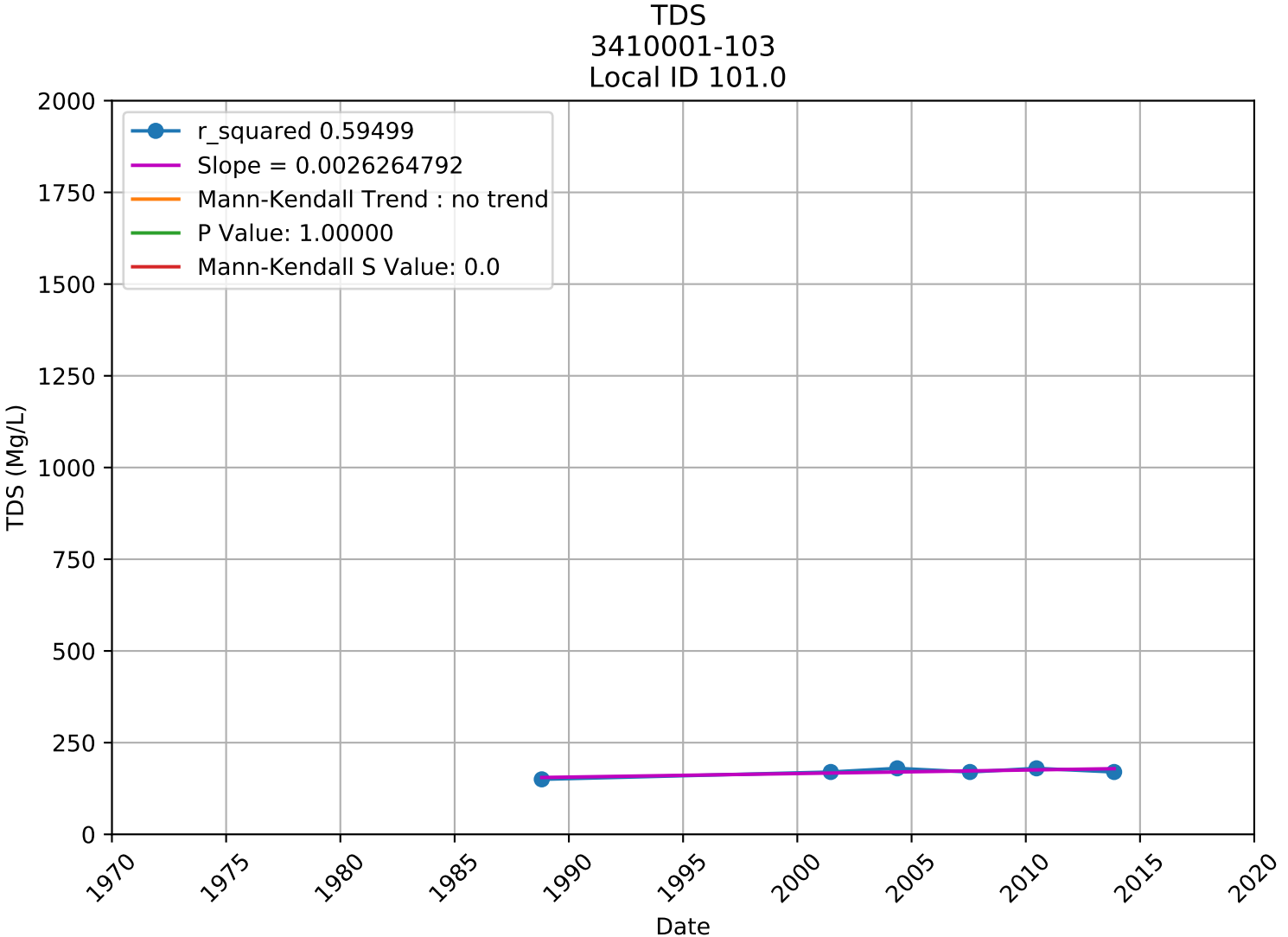

TDS
3410001-097
Local ID 102.0
r_squared 0.26518
Slope = 0.0053119896
Mann-Kendall Trend : no trend
P Value: 0.17797
Mann-Kendall S Value: 16.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
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1970
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2015
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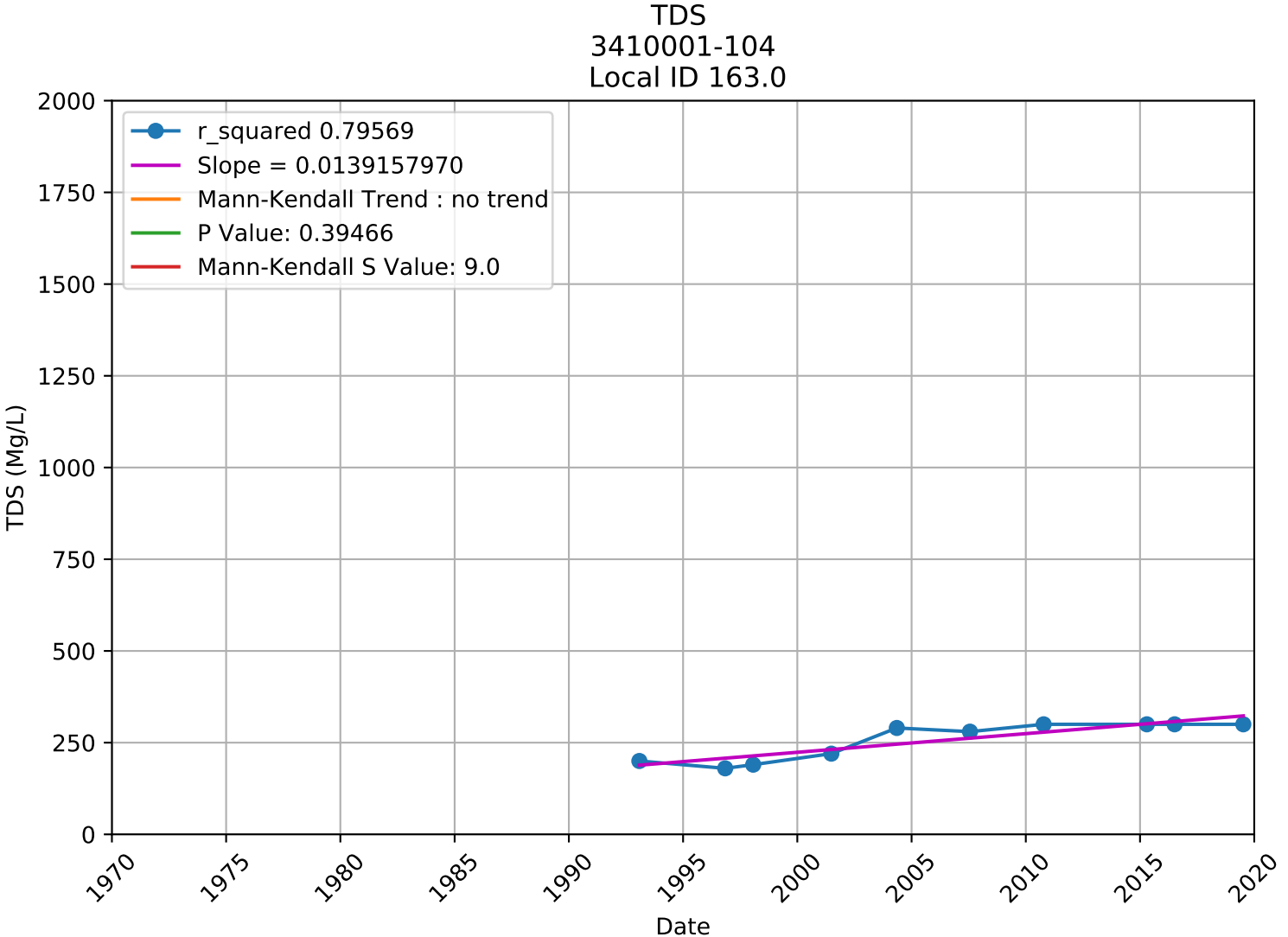

TDS
3410001-098
Local ID 256.0
r_squared 0.09468
Slope = 0.0020697846
Mann-Kendall Trend : no trend
P Value: 0.78535
Mann-Kendall S Value: 4.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
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1970
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2015
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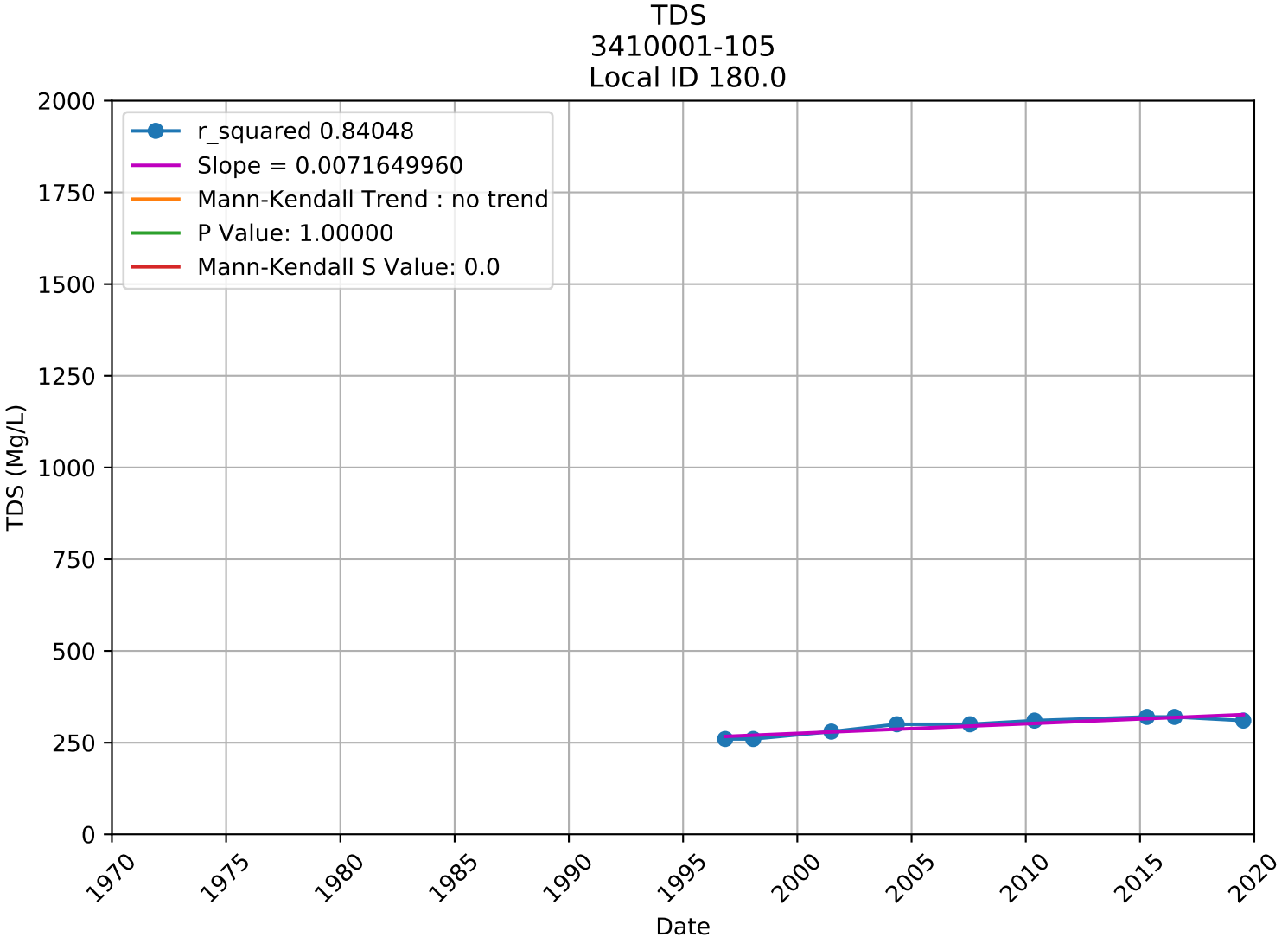

TDS
3410001-099
Local ID 295.0
r_squared 0.13929
Slope = 0.0065686392
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
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1970
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2015
2020
Date

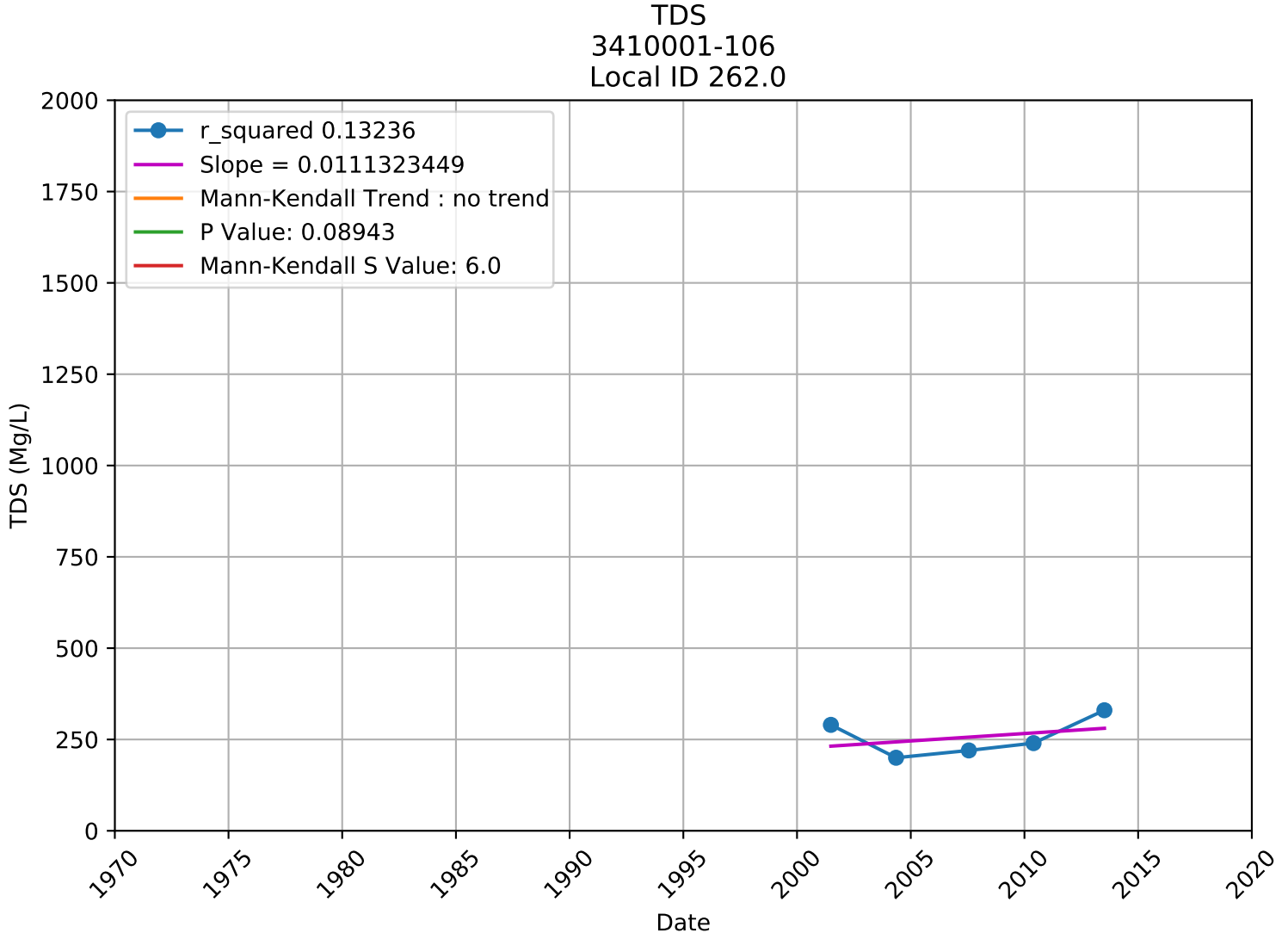

TDS
3410001-101
Local ID 46.0
r_squared 0.00079
Slope = -0.0006466196
Mann-Kendall Trend : no trend
P Value: 0.75445
Mann-Kendall S Value: 4.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
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1970
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Date

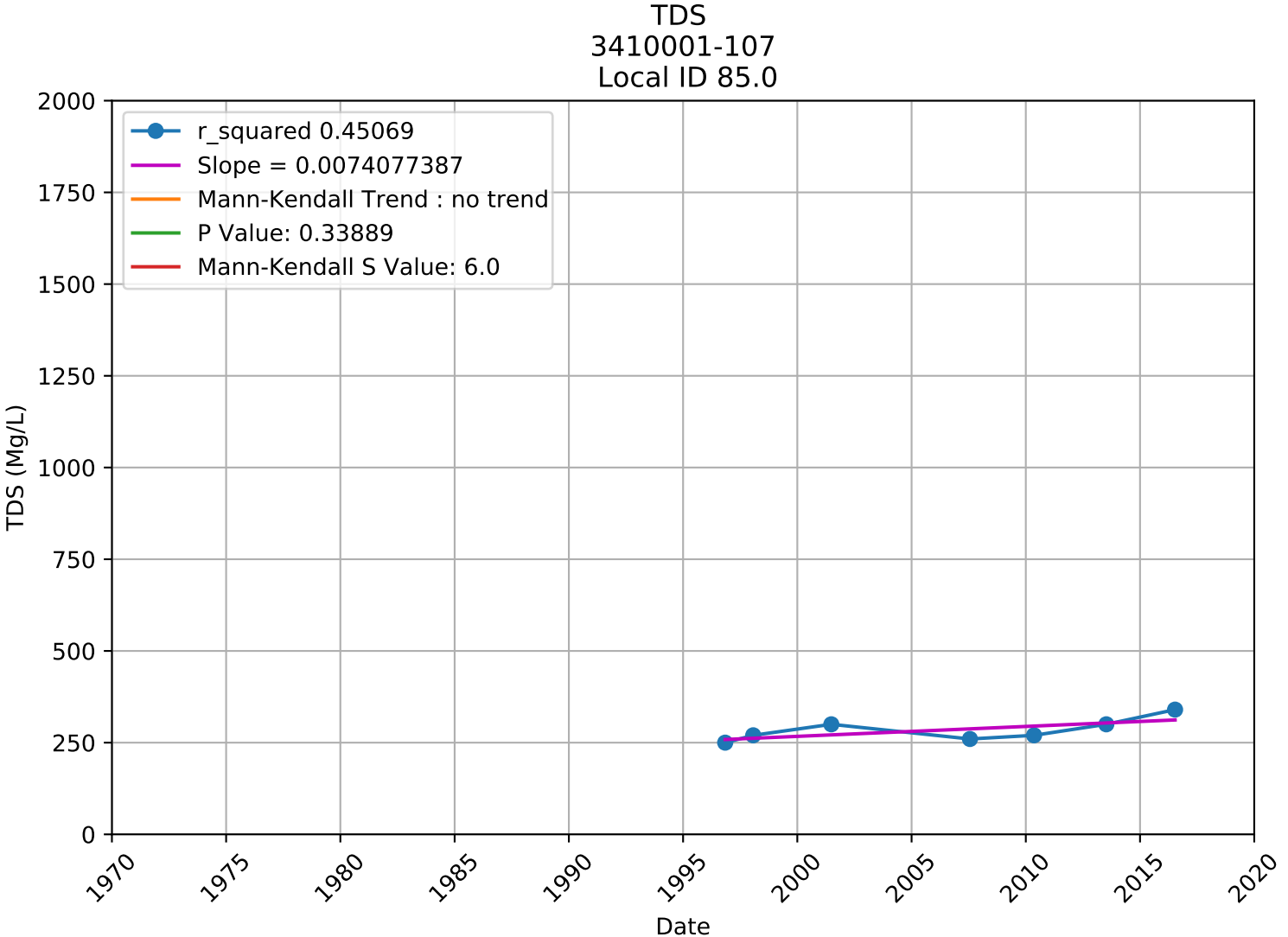

TDS
3410001-102
Local ID 231.0
r_squared 0.20842
Slope = 0.0076050787
Mann-Kendall Trend : no trend
P Value: 0.71052
Mann-Kendall S Value: 4.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
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1970
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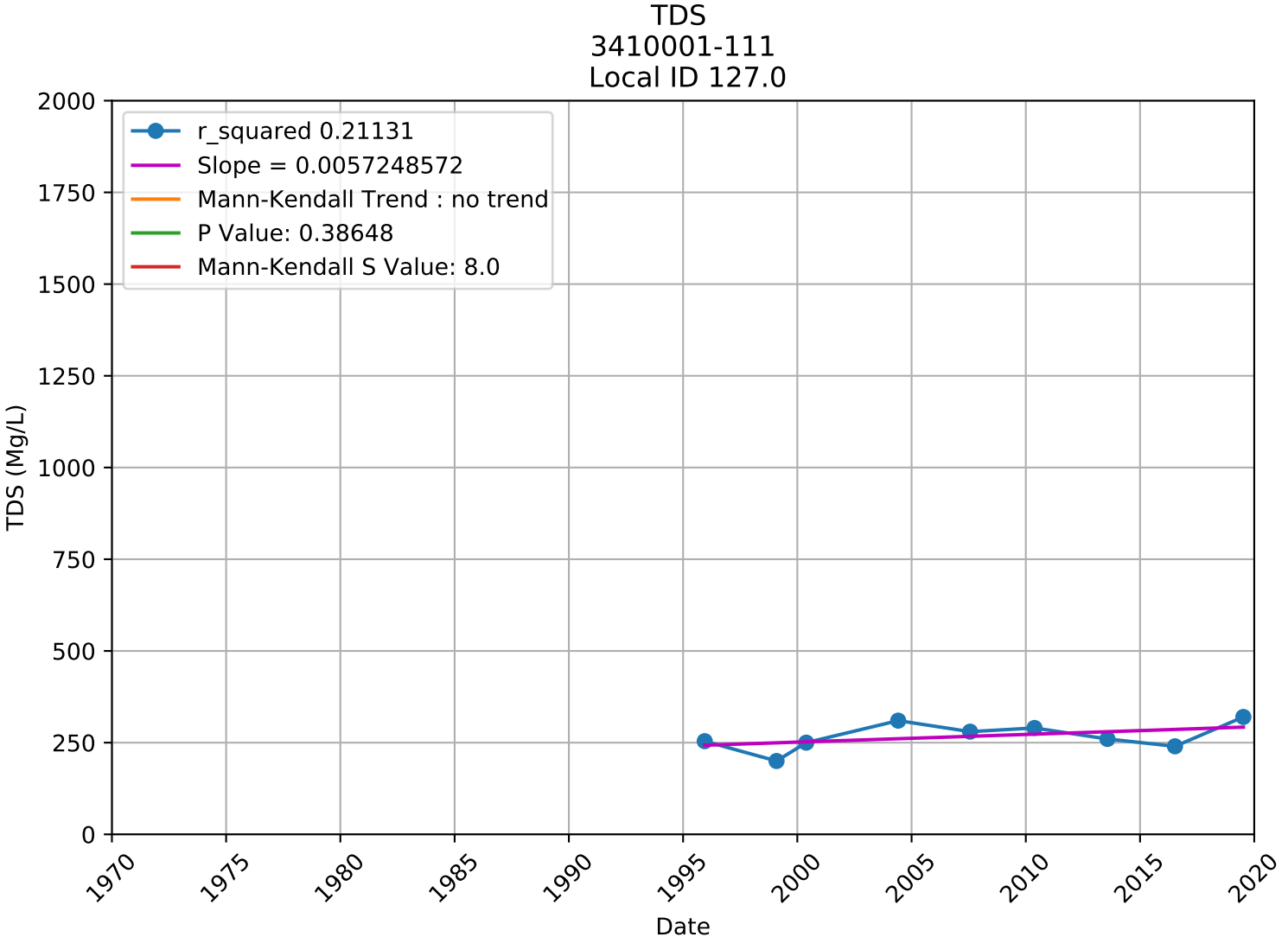

TDS
3410001-103
Local ID 101.0
r_squared 0.59499
Slope = 0.0026264792
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
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2015
2020
Date

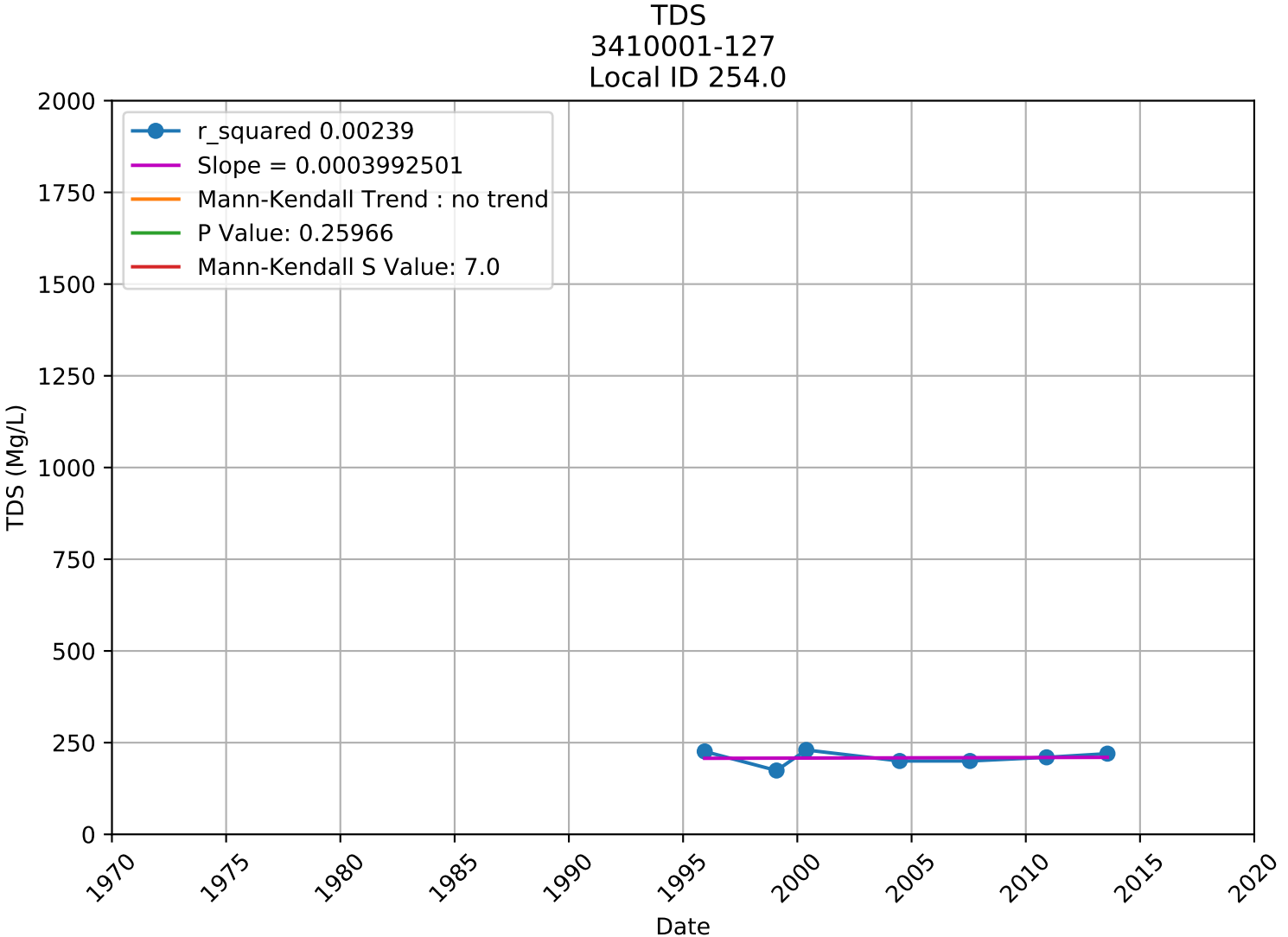

TDS
3410001-104
Local ID 163.0
r_squared 0.79569
Slope = 0.0139157970
Mann-Kendall Trend : no trend
P Value: 0.39466
Mann-Kendall S Value: 9.0
TDS (Mg/L)
Date
2000
1750
1500
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1000
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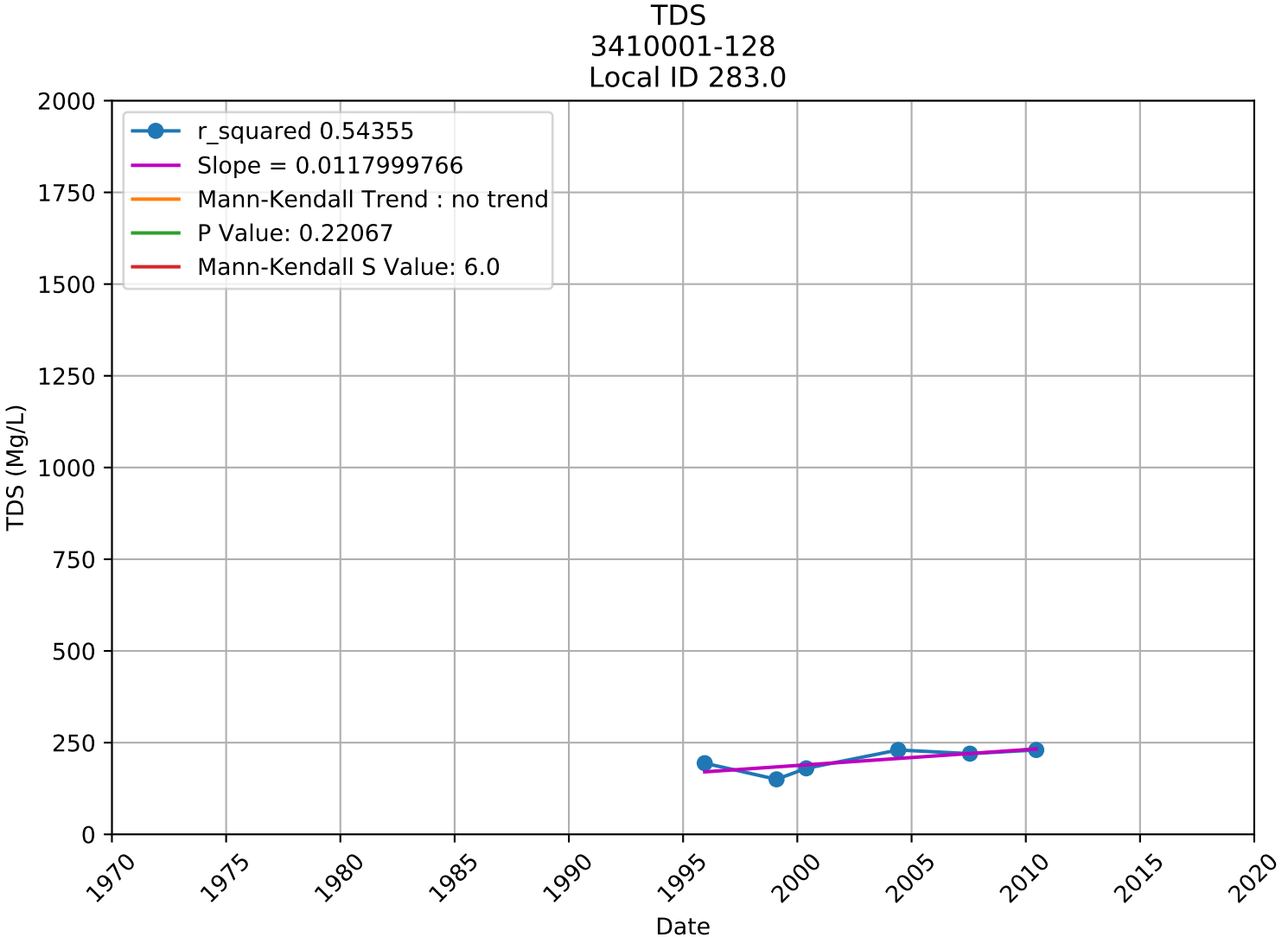

TDS
3410001-105
Local ID 180.0
r_squared 0.84048
Slope = 0.0071649960
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
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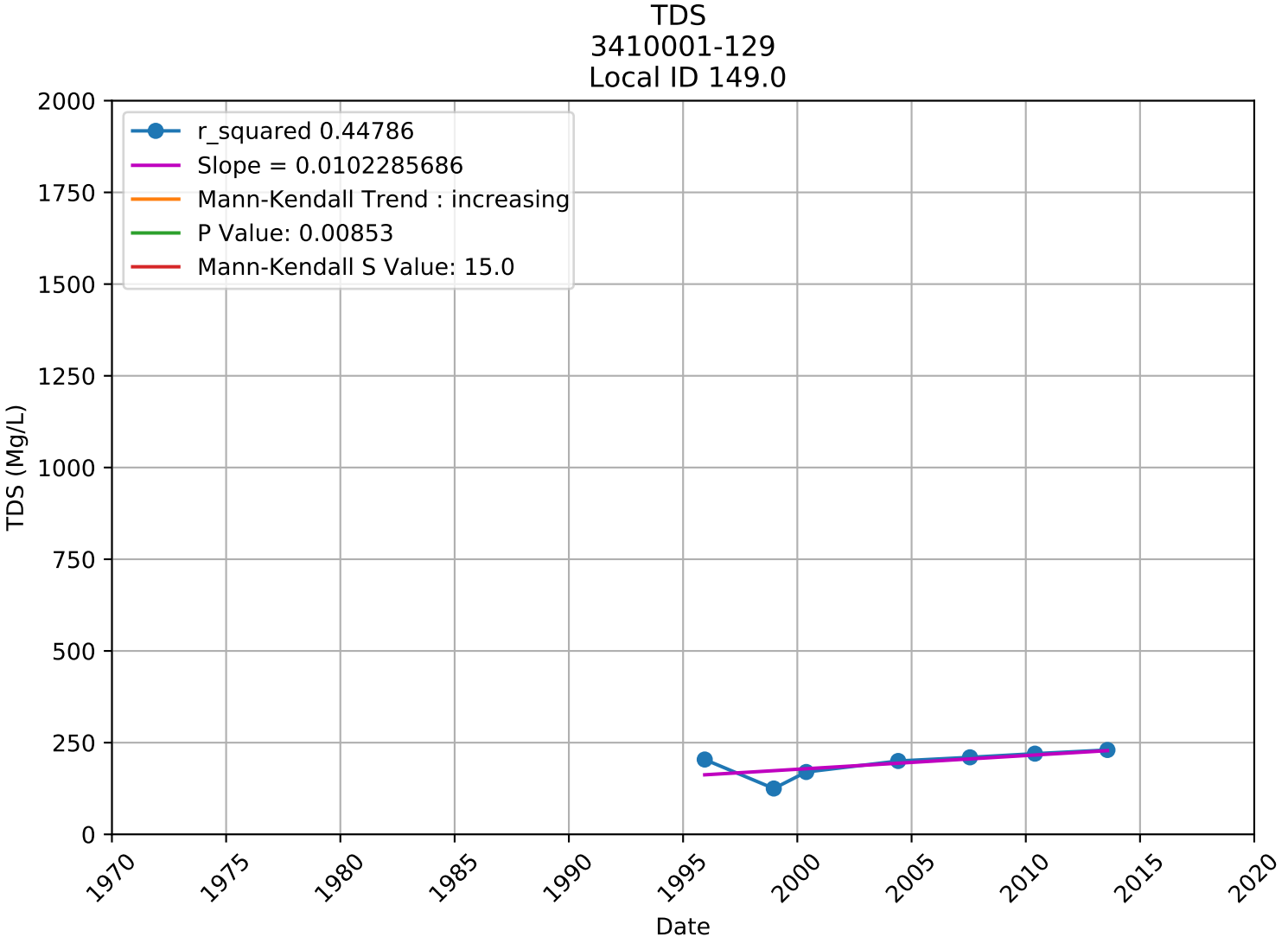

TDS
3410001-106
Local ID 262.0
r_squared 0.13236
Slope = 0.0111323449
Mann-Kendall Trend : no trend
P Value: 0.08943
Mann-Kendall S Value: 6.0
TDS (Mg/L)
Date
2000
1750
1500
1250
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2015
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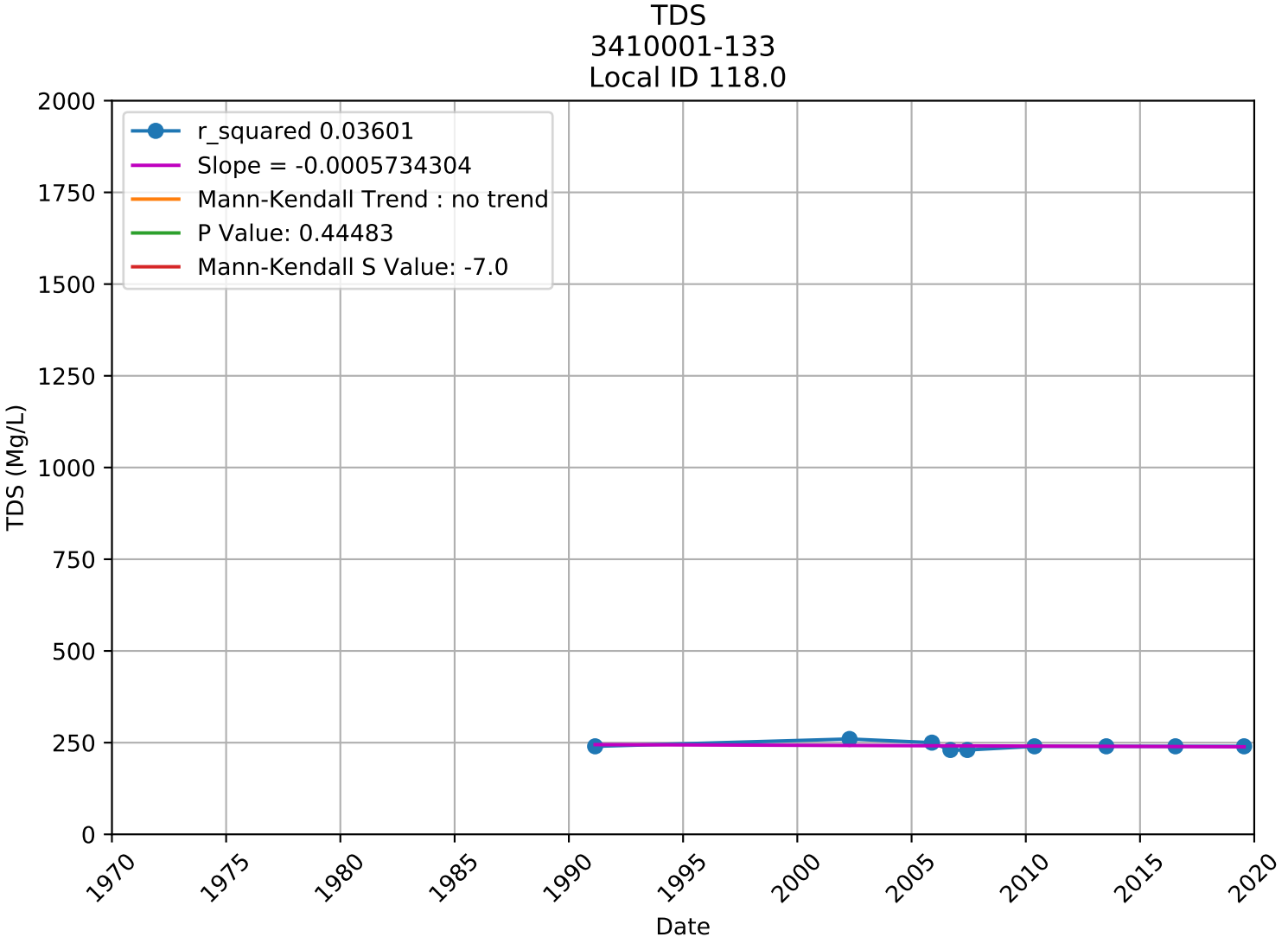

TDS
3410001-107
Local ID 85.0
r_squared 0.45069
Slope = 0.0074077387
Mann-Kendall Trend : no trend
P Value: 0.33889
Mann-Kendall S Value: 6.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
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1970
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2015
2020

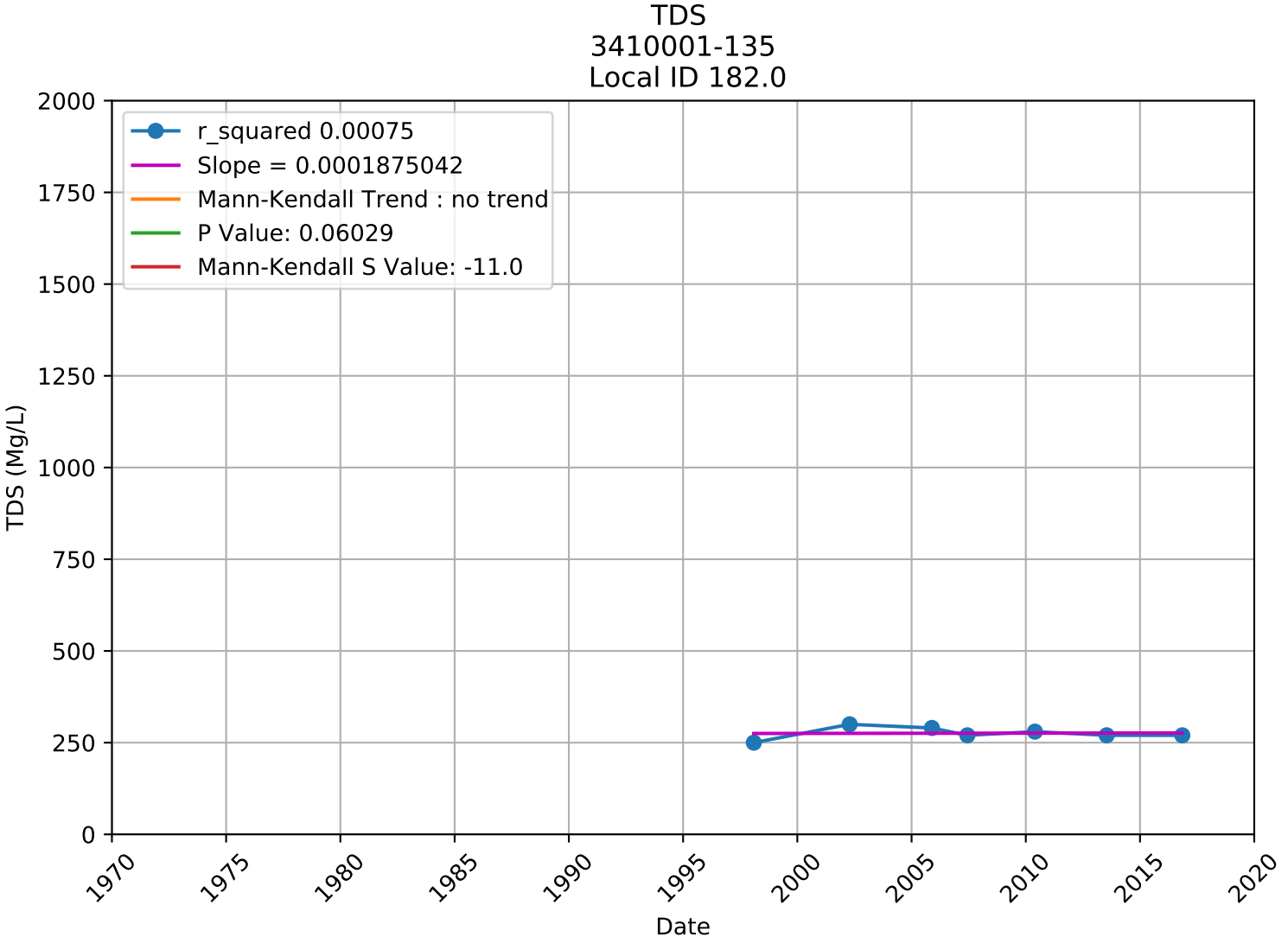

TDS
3410001-111
Local ID 127.0
r_squared 0.21131
Slope = 0.0057248572
Mann-Kendall Trend : no trend
P Value: 0.38648
Mann-Kendall S Value: 8.0
TDS (Mg/L)
Date
2000
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1500
1250
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750
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1970
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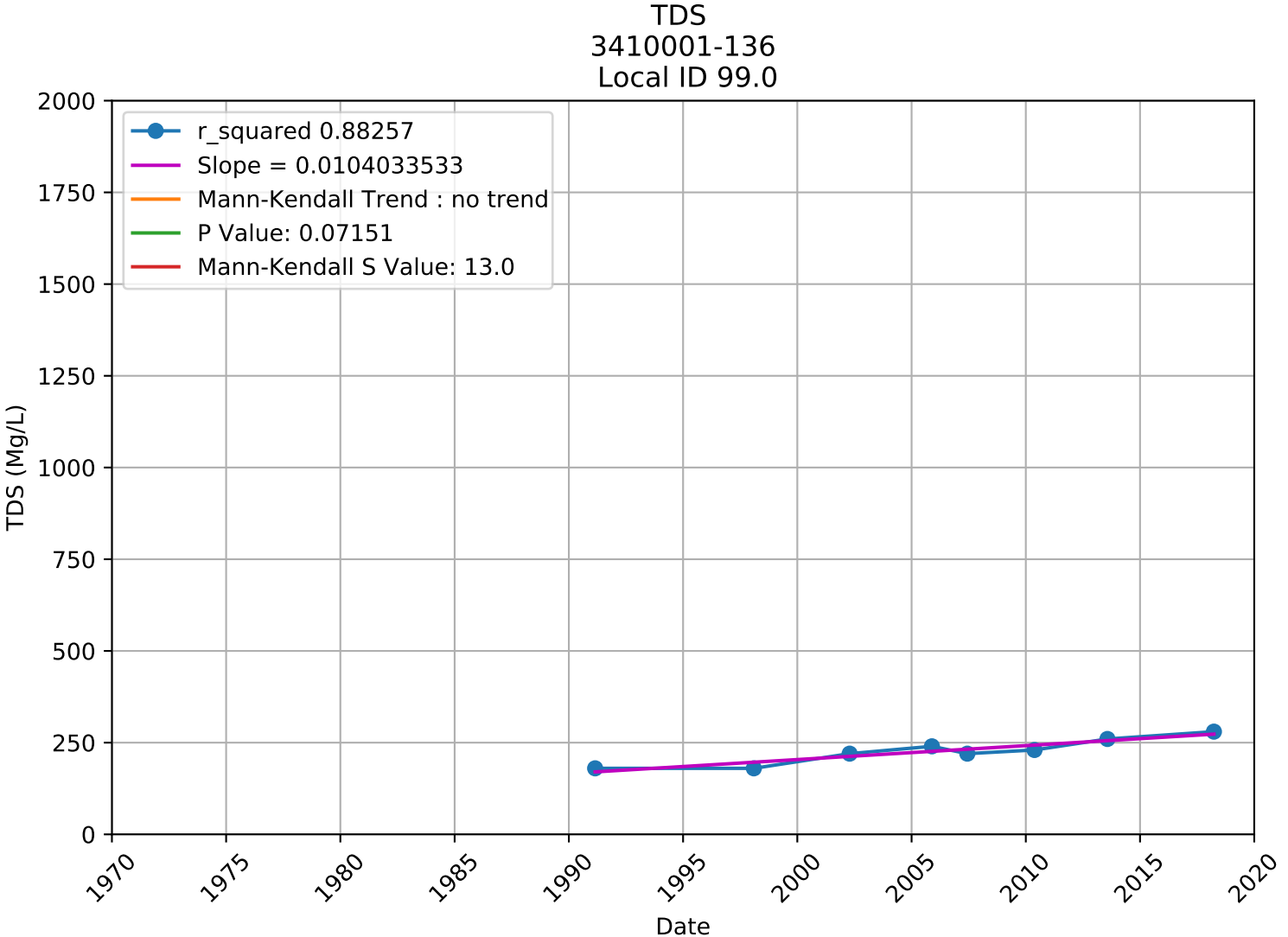

TDS
3410001-127
Local ID 254.0
r_squared 0.00239
Slope = 0.0003992501
Mann-Kendall Trend : no trend
P Value: 0.25966
Mann-Kendall S Value: 7.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
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1970
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2010
2015
2020
Date

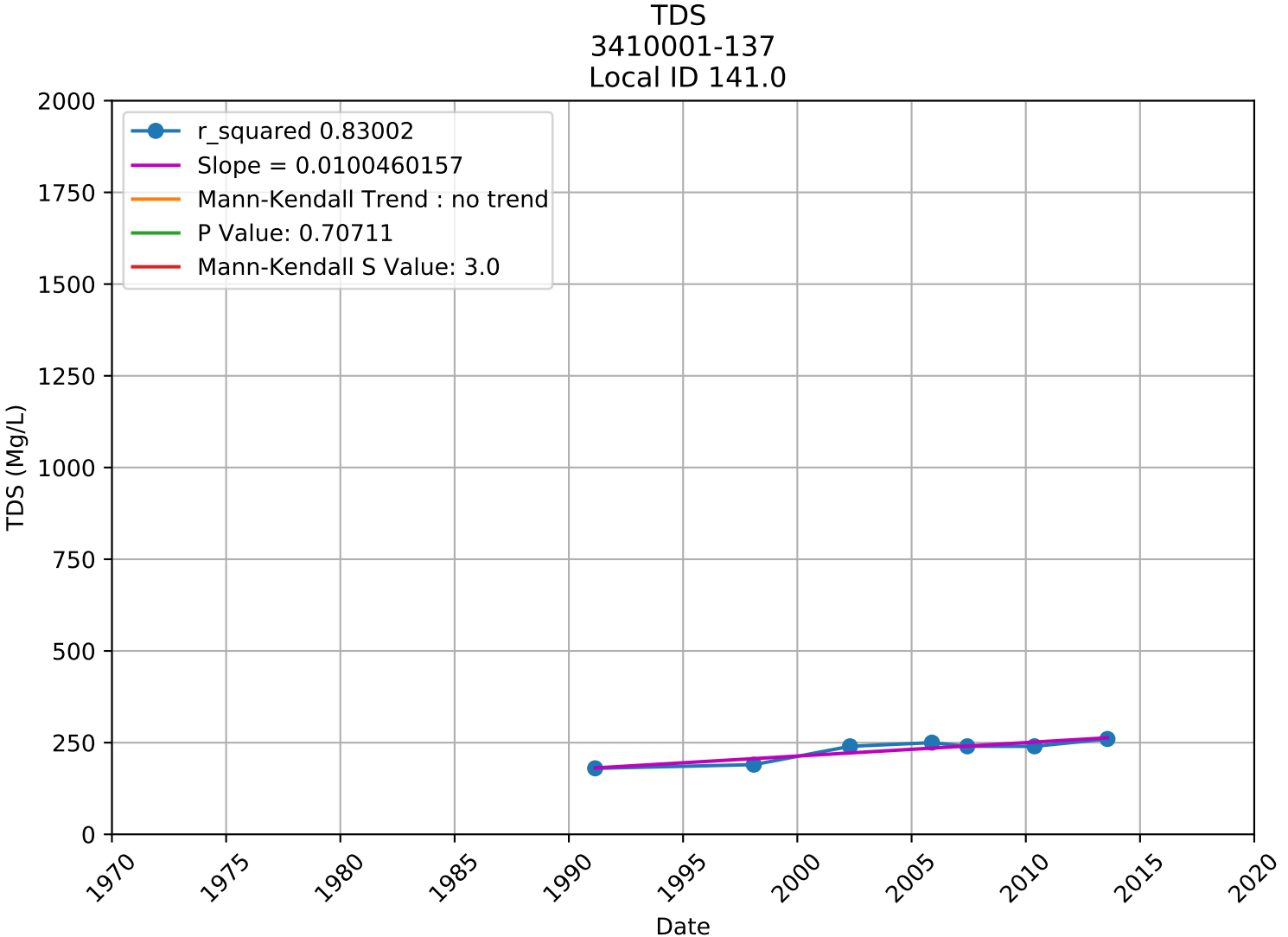

TDS
3410001-128
Local ID 283.0
r_squared 0.54355
Slope = 0.0117999766
Mann-Kendall Trend : no trend
P Value: 0.22067
Mann-Kendall S Value: 6.0
TDS (Mg/L)
Date
2000
1750
1500
1250
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2015
2020

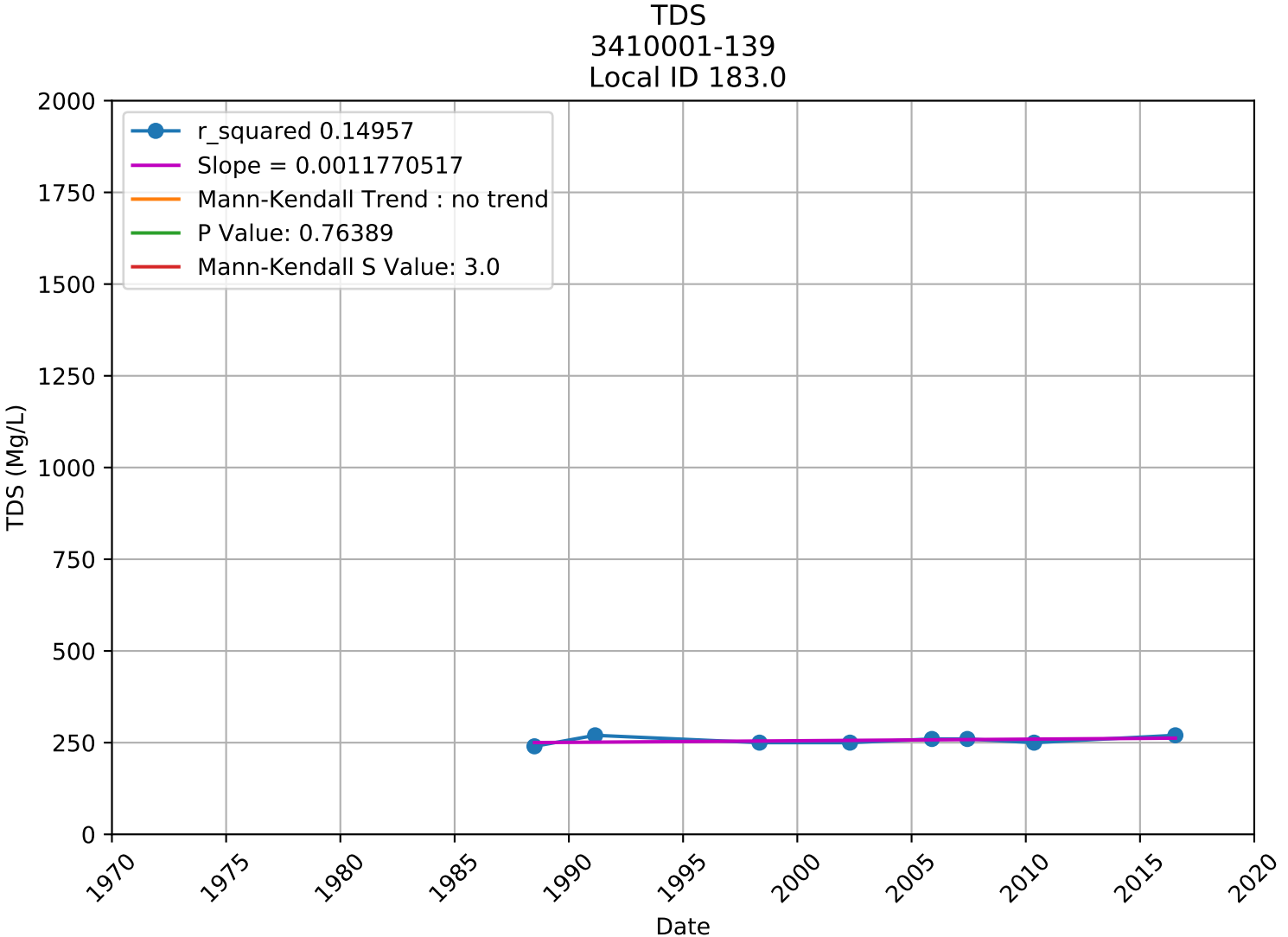

TDS
3410001-129
Local ID 149.0
r_squared 0.44786
Slope = 0.0102285686
Mann-Kendall Trend : increasing
P Value: 0.00853
Mann-Kendall S Value: 15.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
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2015
2020

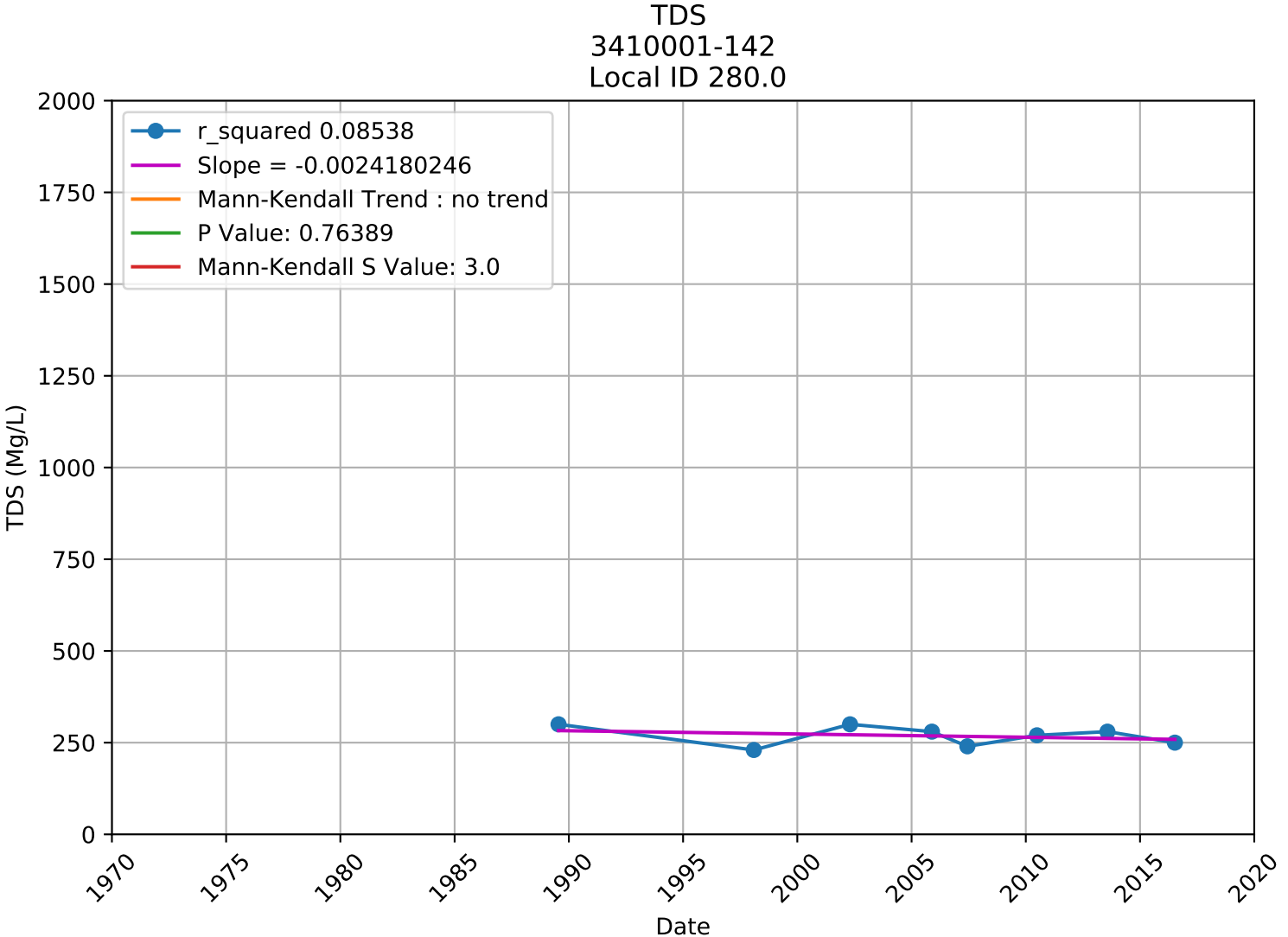

TDS
3410001-133
Local ID 118.0
r_squared 0.03601
Slope = -0.0005734304
Mann-Kendall Trend : no trend
P Value: 0.44483
Mann-Kendall S Value: -7.0
TDS (Mg/L)
2000
1750
1500
1250
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750
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2020
Date

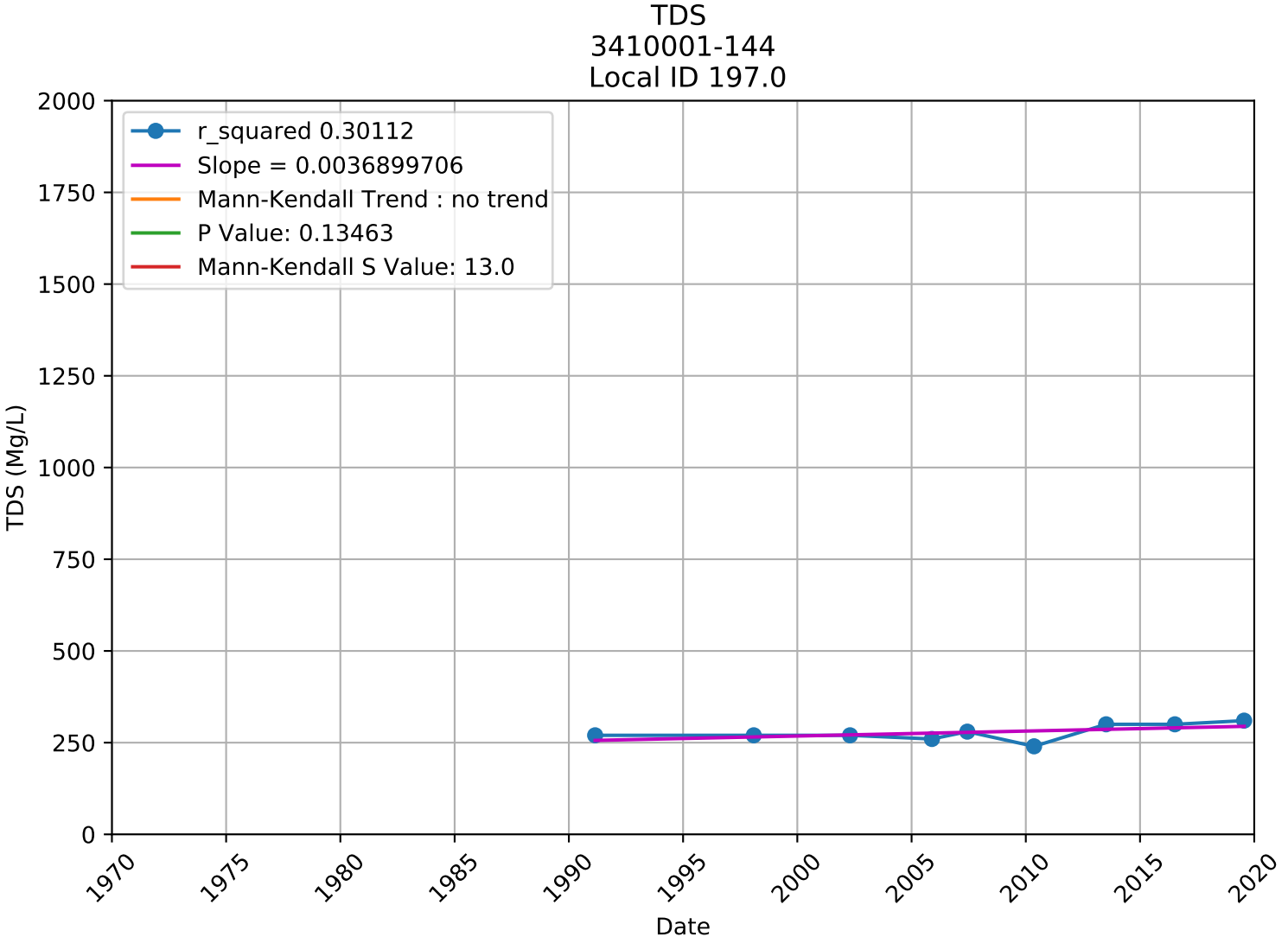

TDS
3410001-135
Local ID 182.0
r_squared 0.00075
Slope = 0.0001875042
Mann-Kendall Trend : no trend
P Value: 0.06029
Mann-Kendall S Value: -11.0
TDS (Mg/L)
Date
2000
1750
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1250
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2015
2020

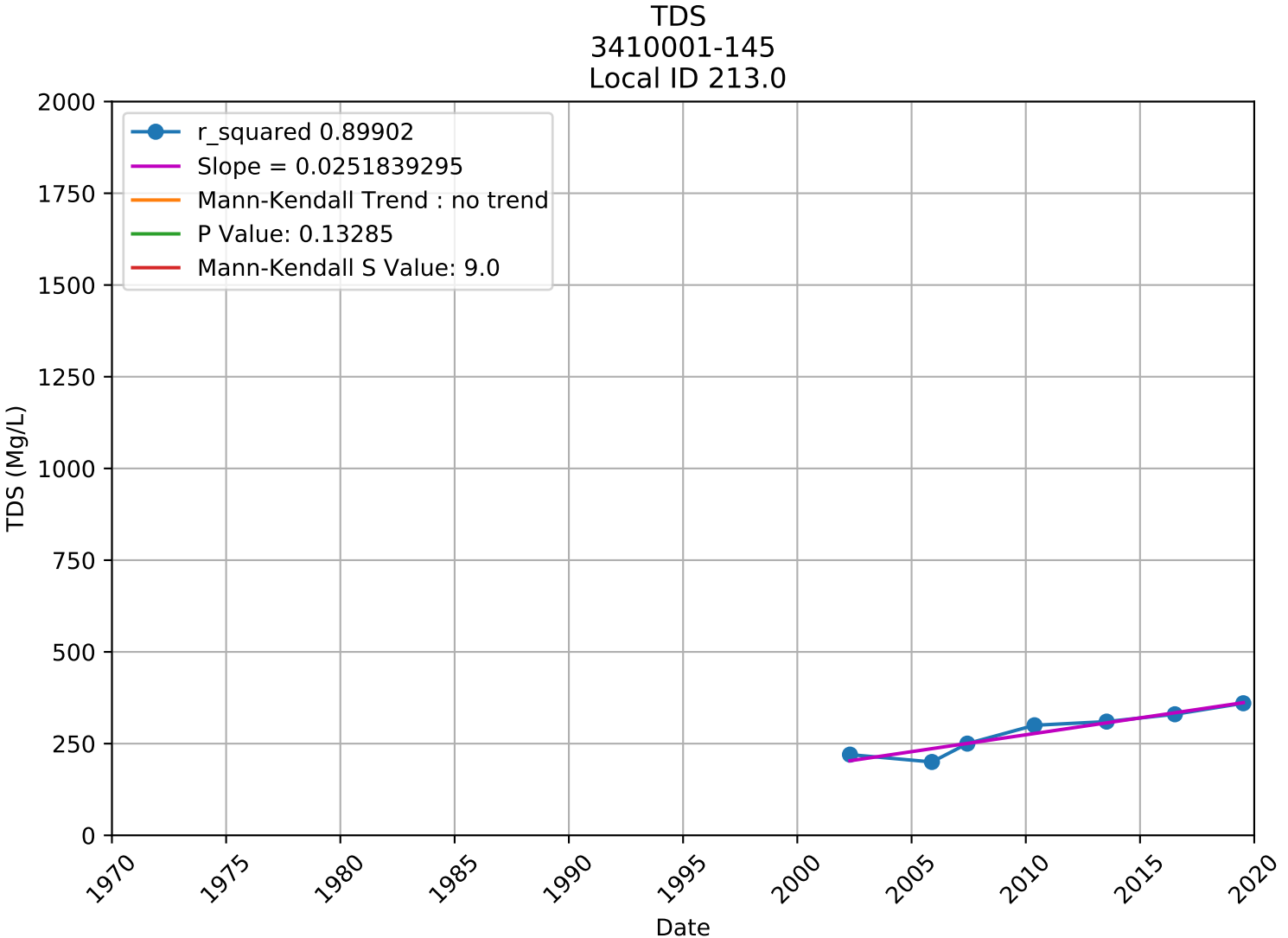

TDS
3410001-136
Local ID 99.0
r_squared 0.88257
Slope = 0.0104033533
Mann-Kendall Trend : no trend
P Value: 0.07151
Mann-Kendall S Value: 13.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
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2015
2020

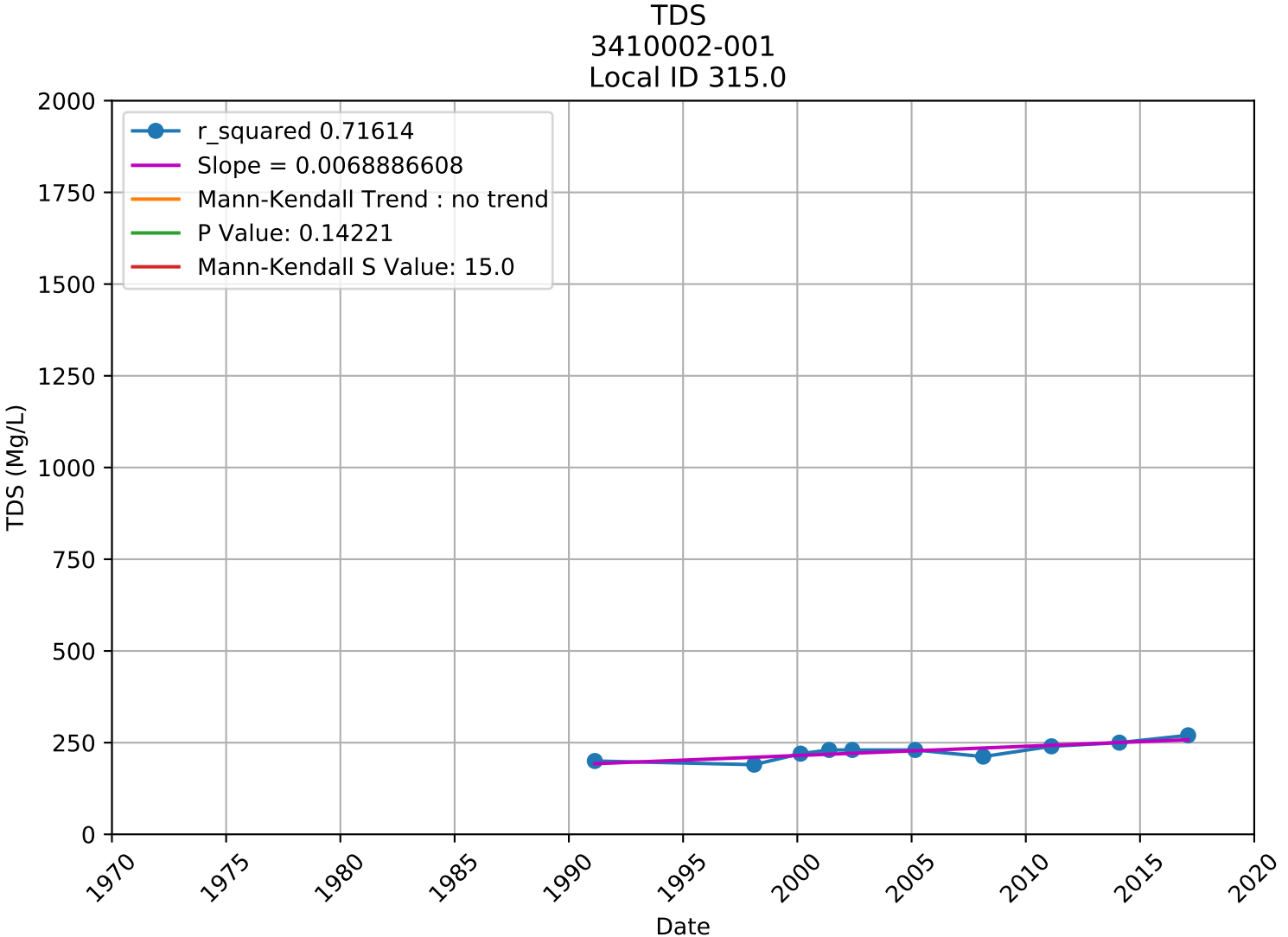

TDS
3410001-137
Local ID 141.0
r_squared 0.83002
Slope = 0.0100460157
Mann-Kendall Trend : no trend
P Value: 0.70711
Mann-Kendall S Value: 3.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
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2015
2020

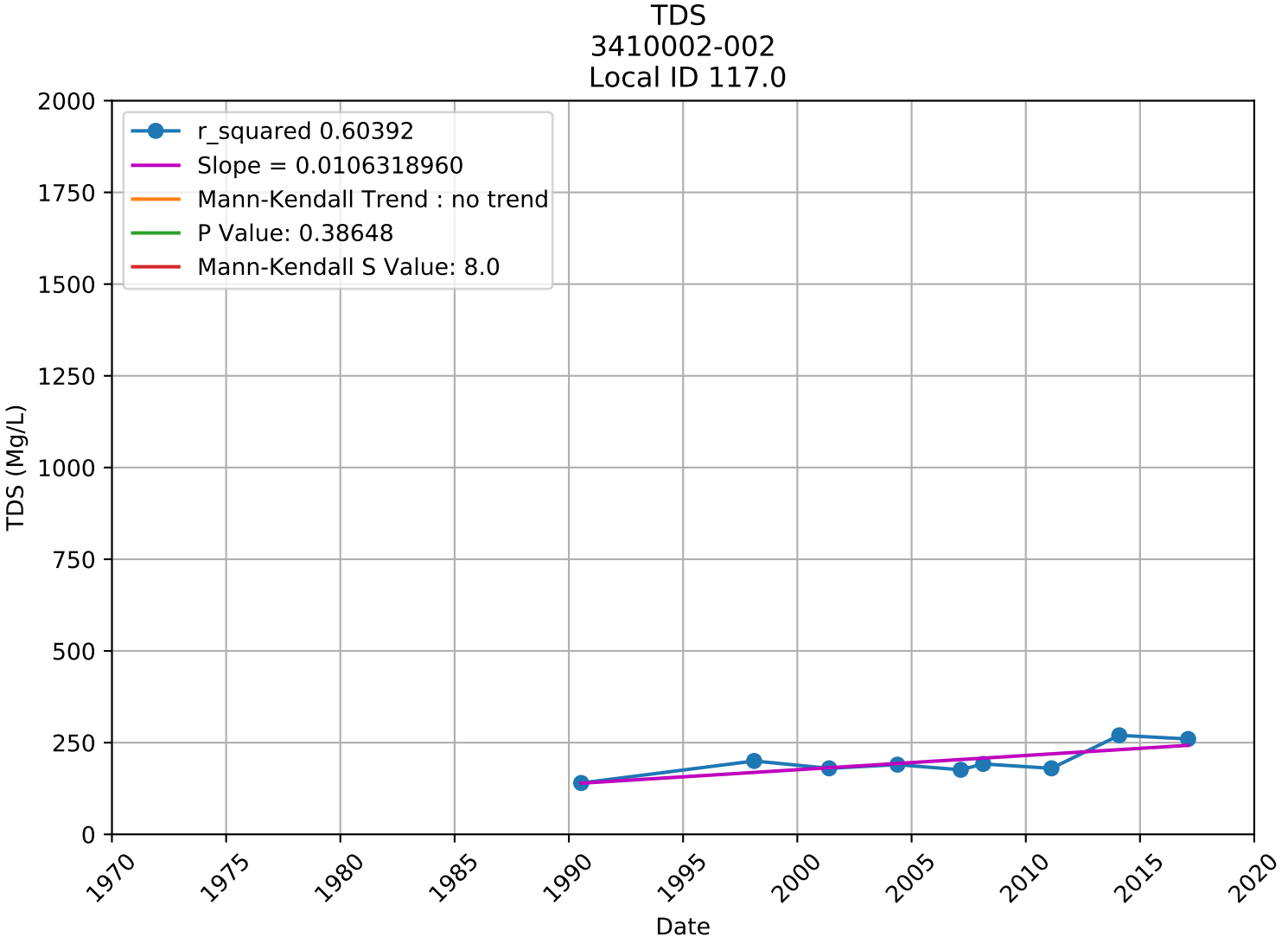

TDS
3410001-139
Local ID 183.0
r_squared 0.14957
Slope = 0.0011770517
Mann-Kendall Trend : no trend
P Value: 0.76389
Mann-Kendall S Value: 3.0
TDS (Mg/L)
2000
1750
1500
1250
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750
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1970
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2010
2015
2020
Date

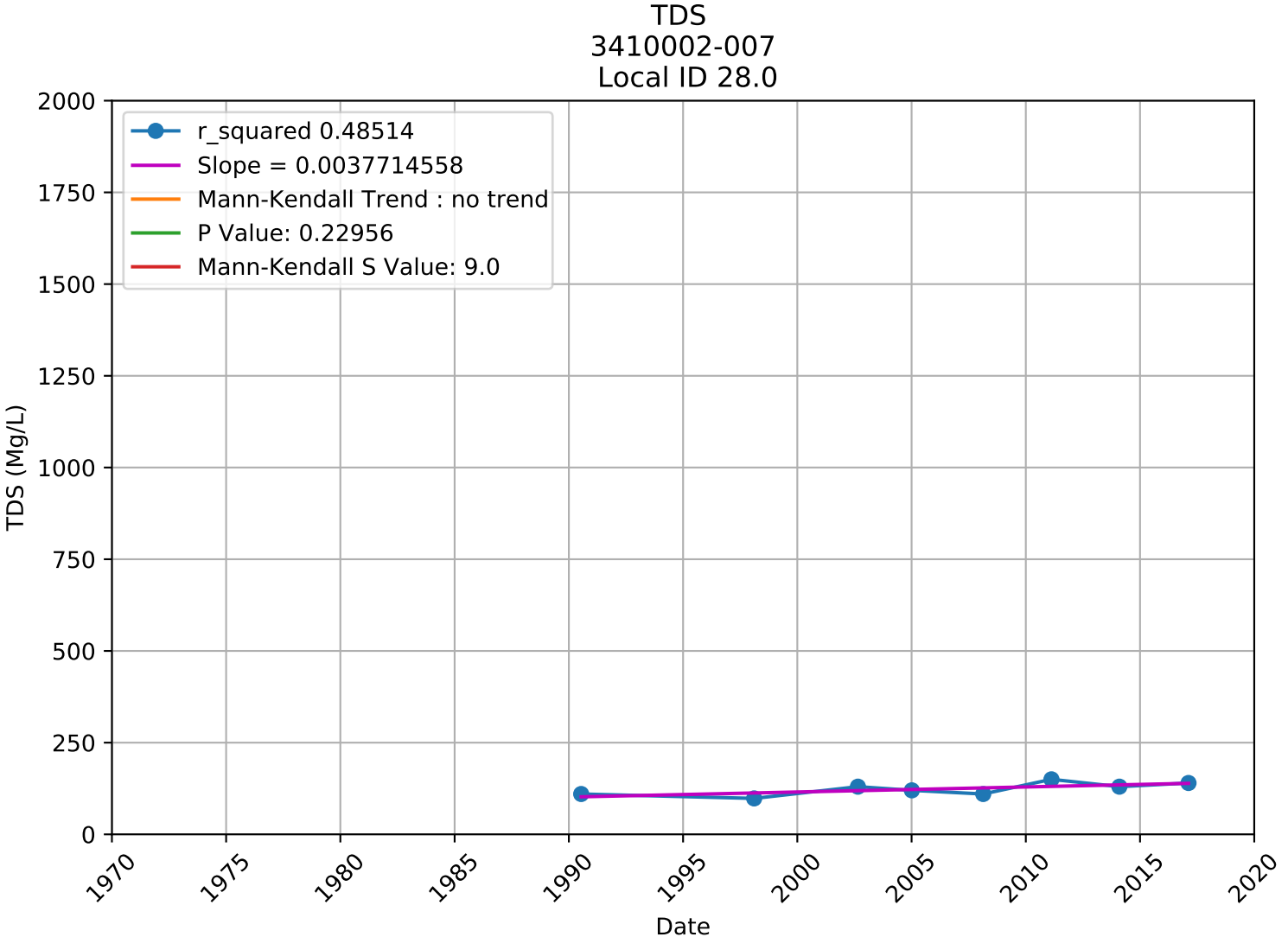

TDS
3410001-142
Local ID 280.0
r_squared 0.08538
Slope = -0.0024180246
Mann-Kendall Trend : no trend
P Value: 0.76389
Mann-Kendall S Value: 3.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
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1970
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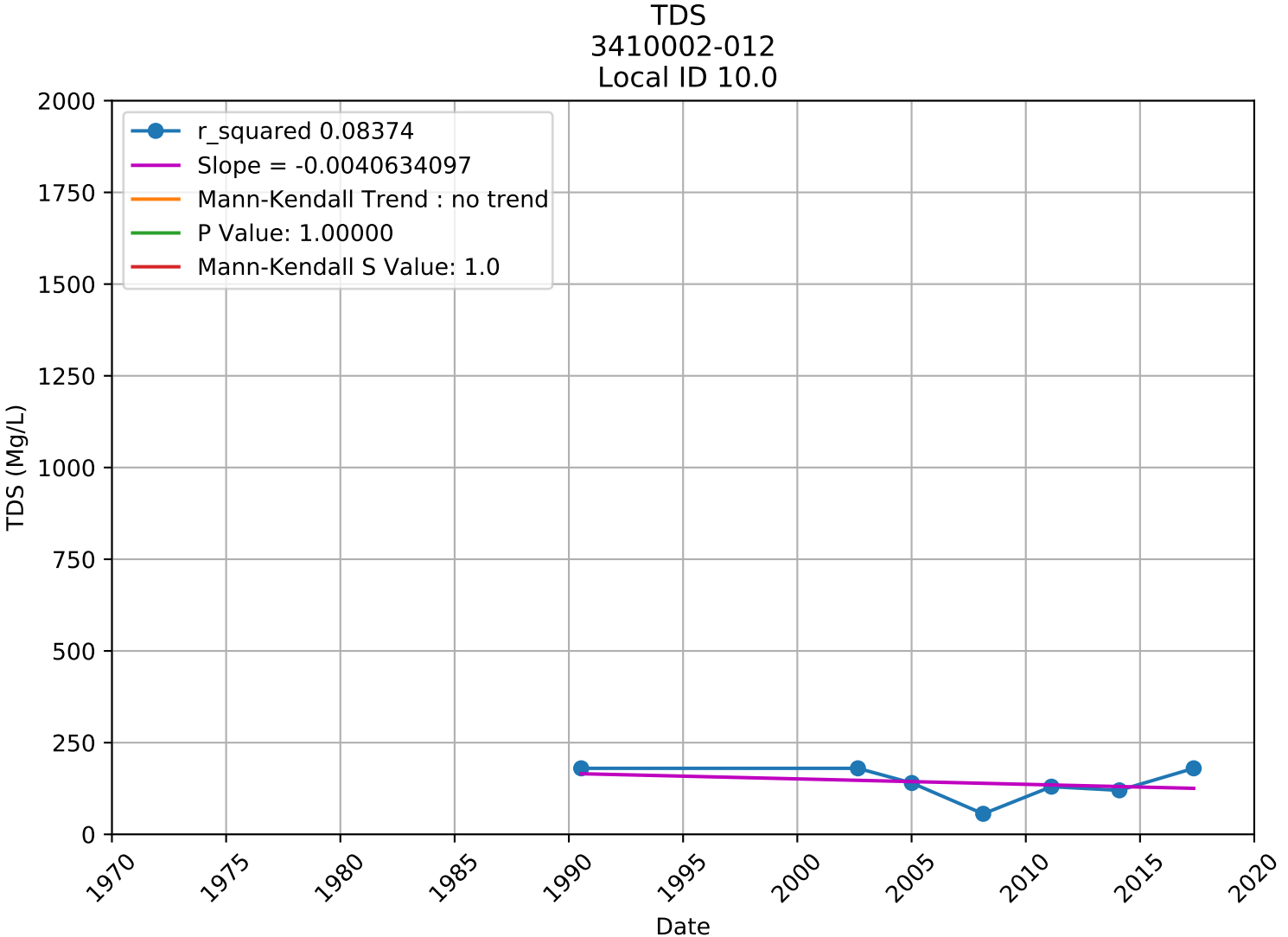

TDS
3410001-144
Local ID 197.0
r_squared 0.30112
Slope = 0.0036899706
Mann-Kendall Trend : no trend
P Value: 0.13463
Mann-Kendall S Value: 13.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

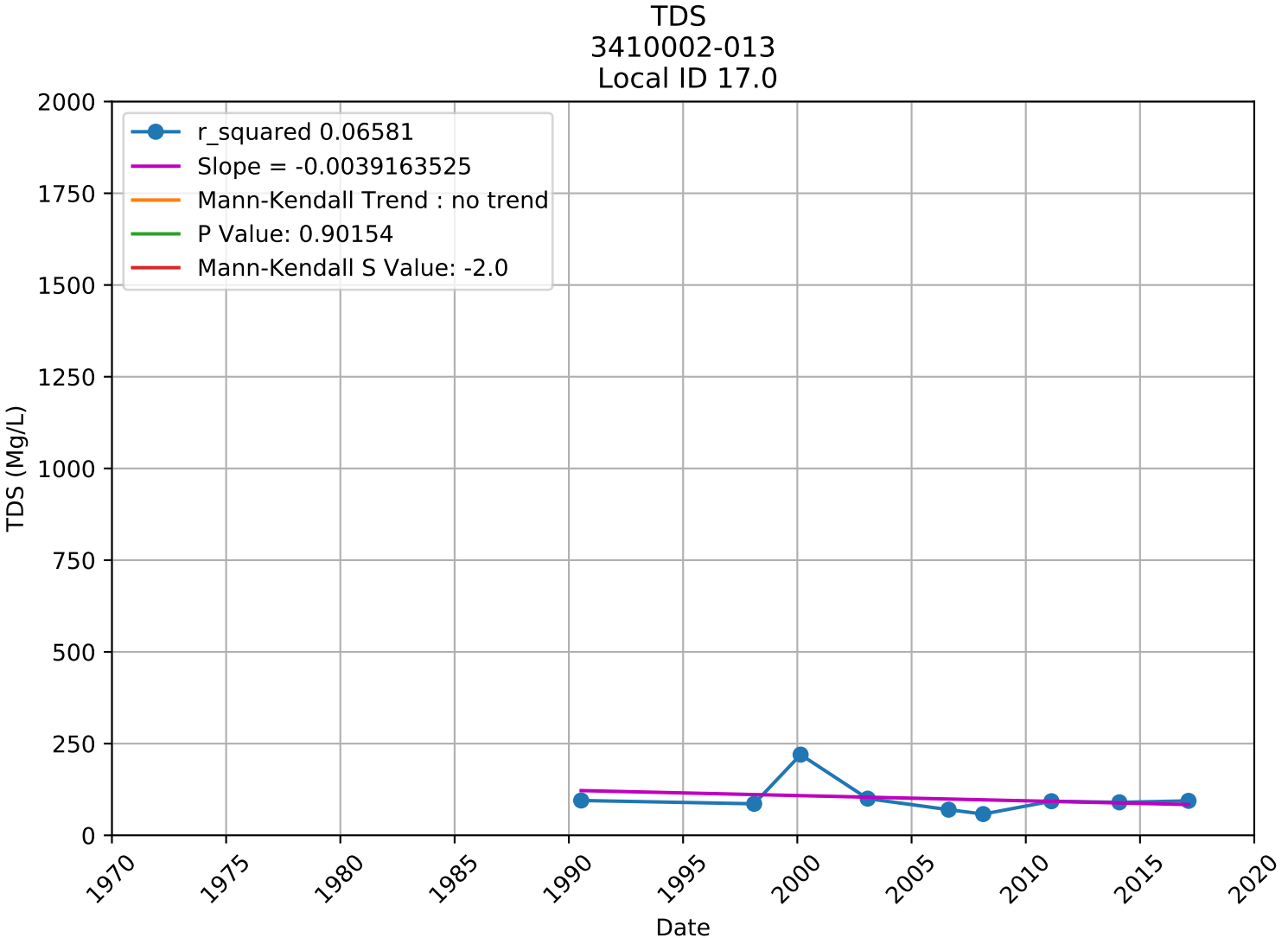

TDS
3410001-145
Local ID 213.0
r_squared 0.89902
Slope = 0.0251839295
Mann-Kendall Trend : no trend
P Value: 0.13285
Mann-Kendall S Value: 9.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

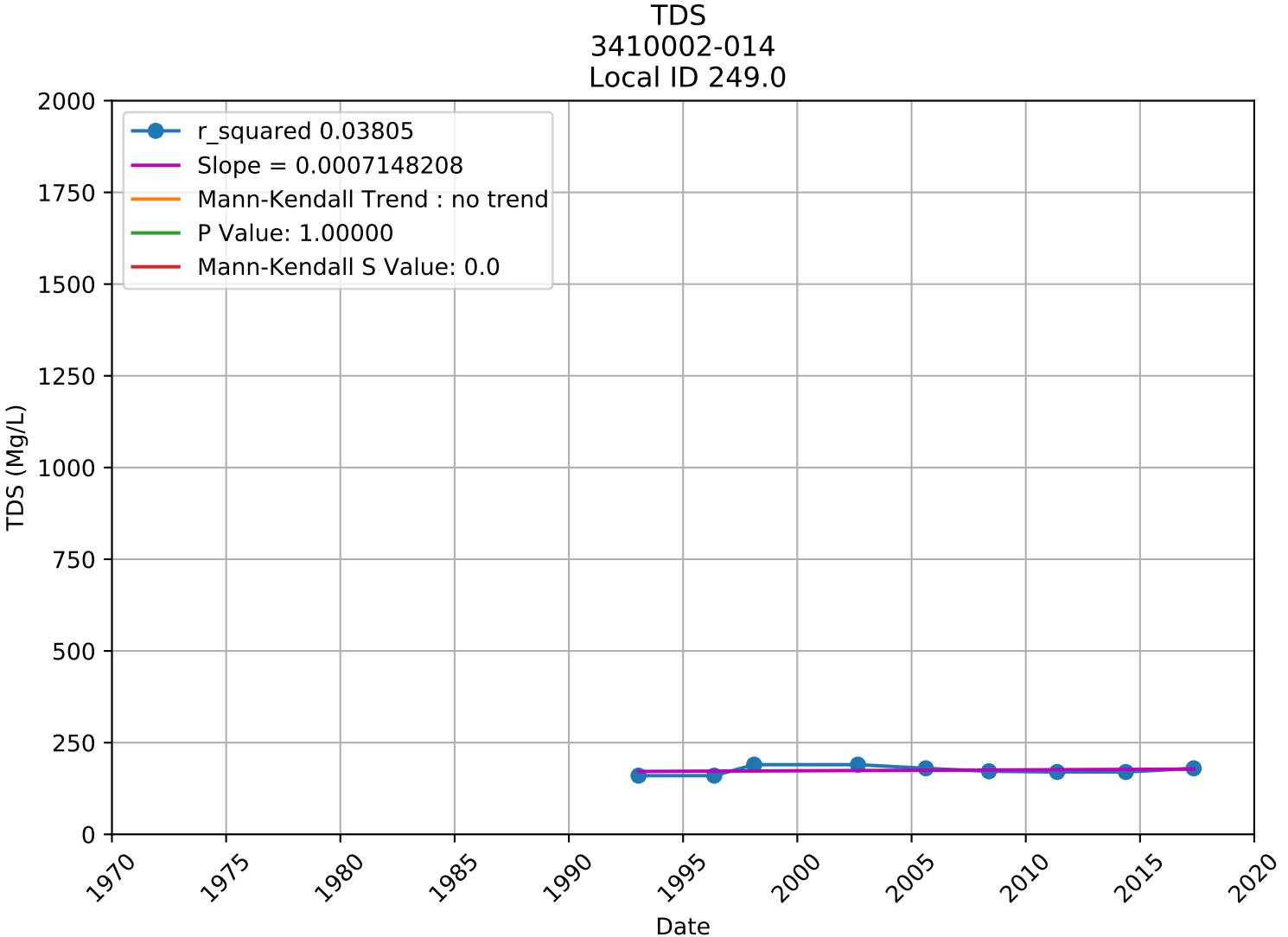

TDS
3410002-001
Local ID 315.0
r_squared 0.71614
Slope = 0.0068886608
Mann-Kendall Trend : no trend
P Value: 0.14221
Mann-Kendall S Value: 15.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

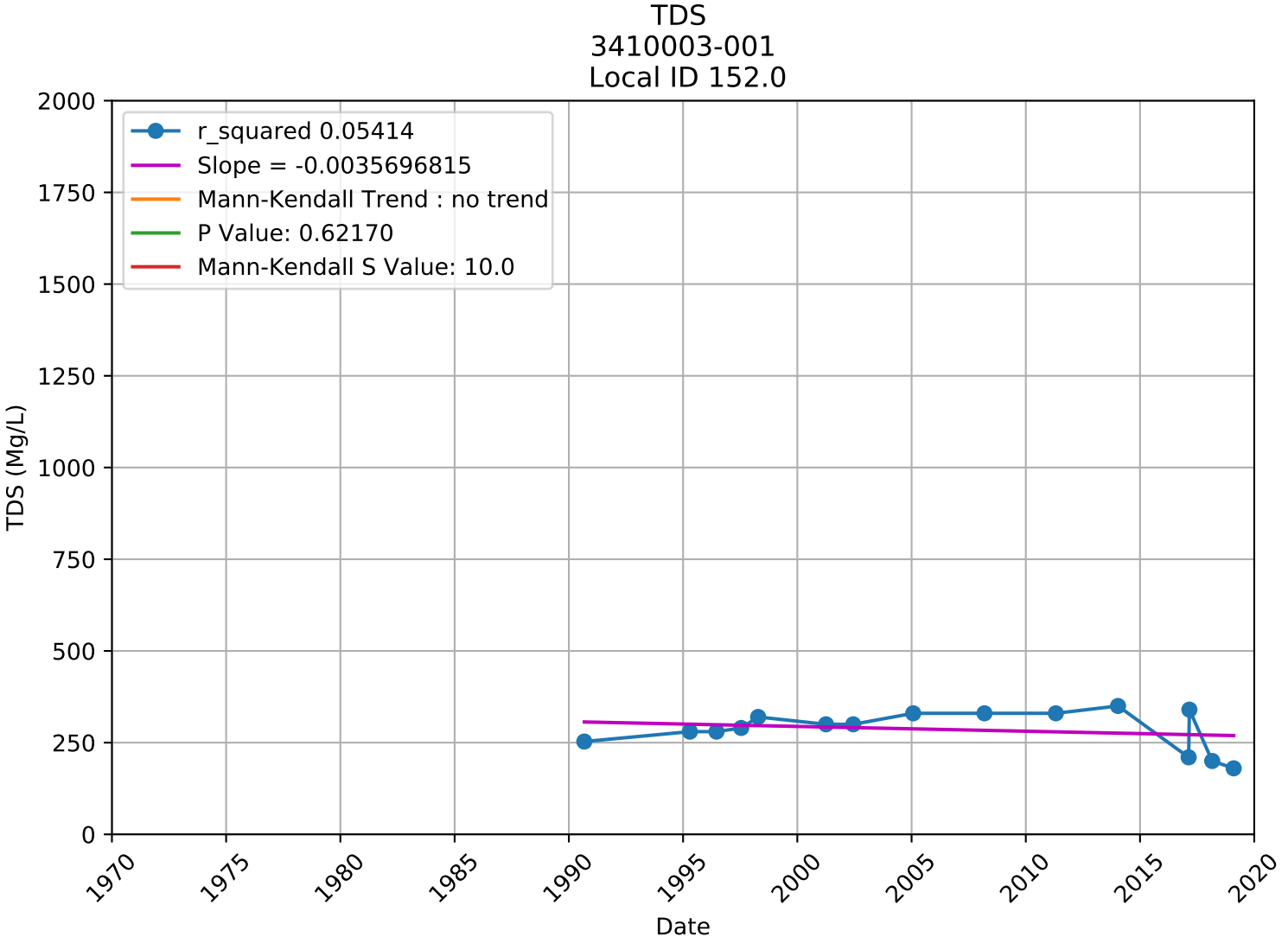

TDS
3410002-002
Local ID 117.0
r_squared 0.60392
Slope = 0.0106318960
Mann-Kendall Trend : no trend
P Value: 0.38648
Mann-Kendall S Value: 8.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
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1980
1985
1990
1995
2000
2005
2010
2015
2020

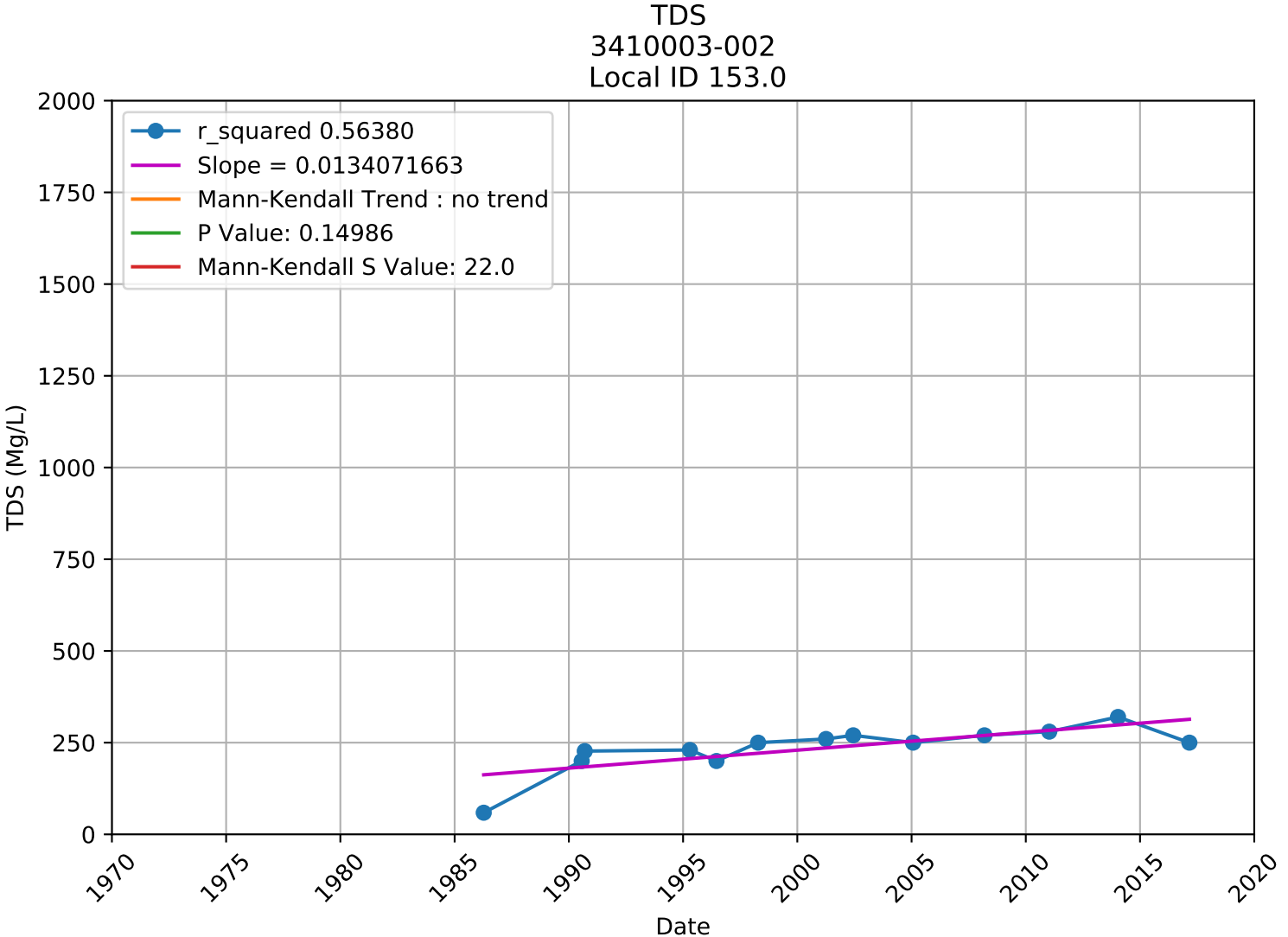

TDS
3410002-007
Local ID 28.0
r_squared 0.48514
Slope = 0.0037714558
Mann-Kendall Trend : no trend
P Value: 0.22956
Mann-Kendall S Value: 9.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

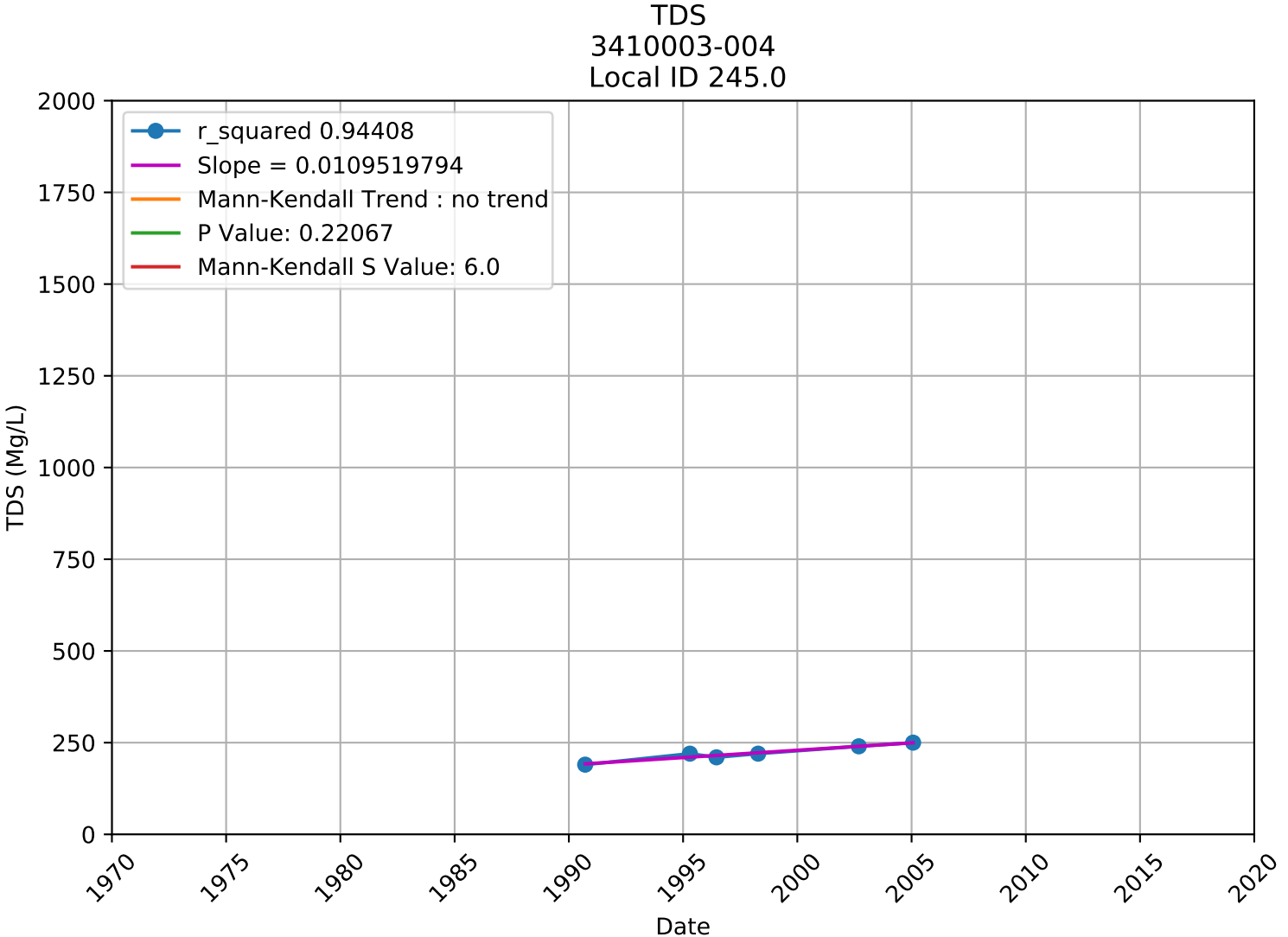

TDS
3410002-012
Local ID 10.0
r_squared 0.08374
Slope = -0.0040634097
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

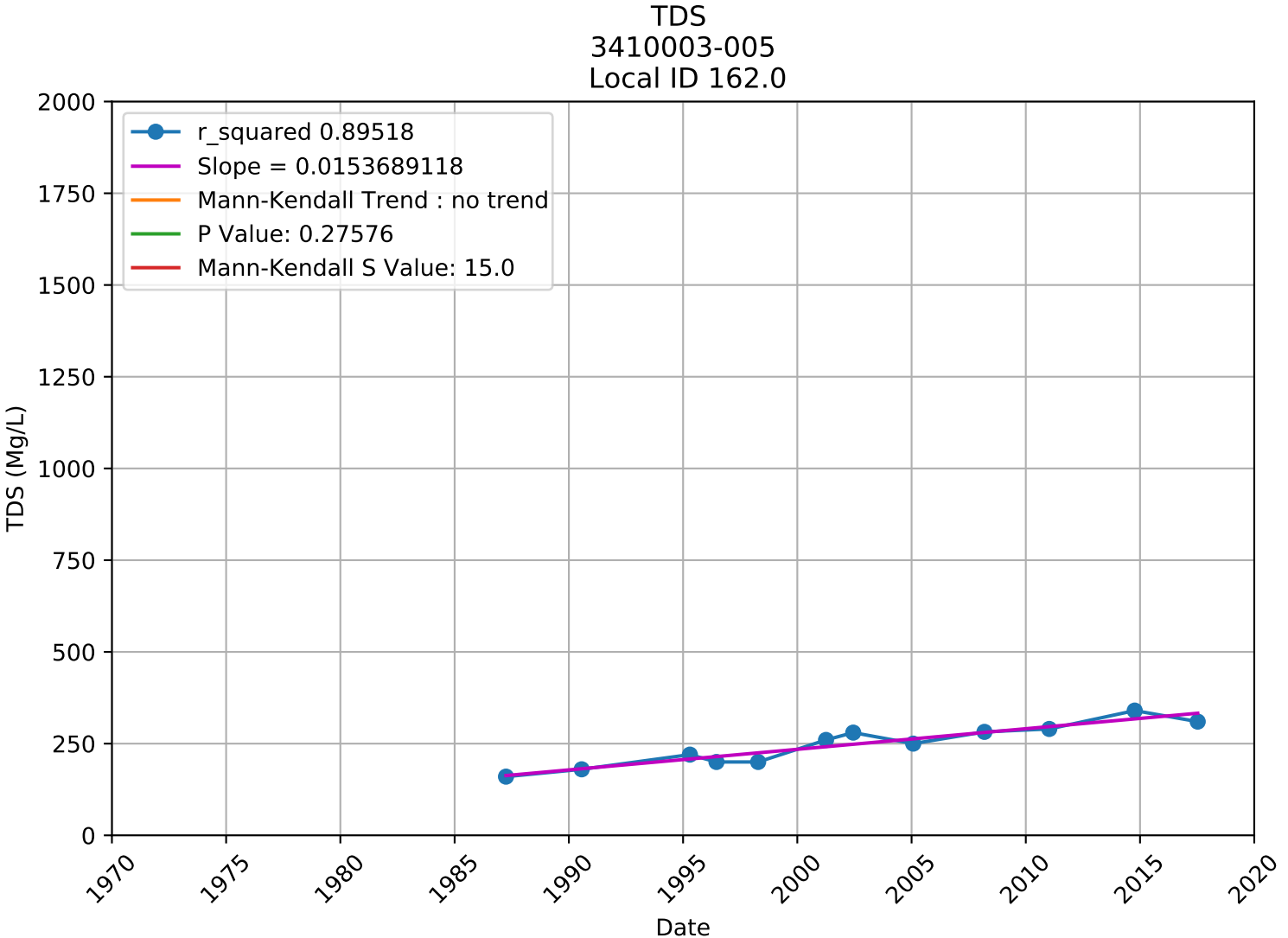

TDS
3410002-013
Local ID 17.0
r_squared 0.06581
Slope = -0.0039163525
Mann-Kendall Trend : no trend
P Value: 0.90154
Mann-Kendall S Value: -2.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

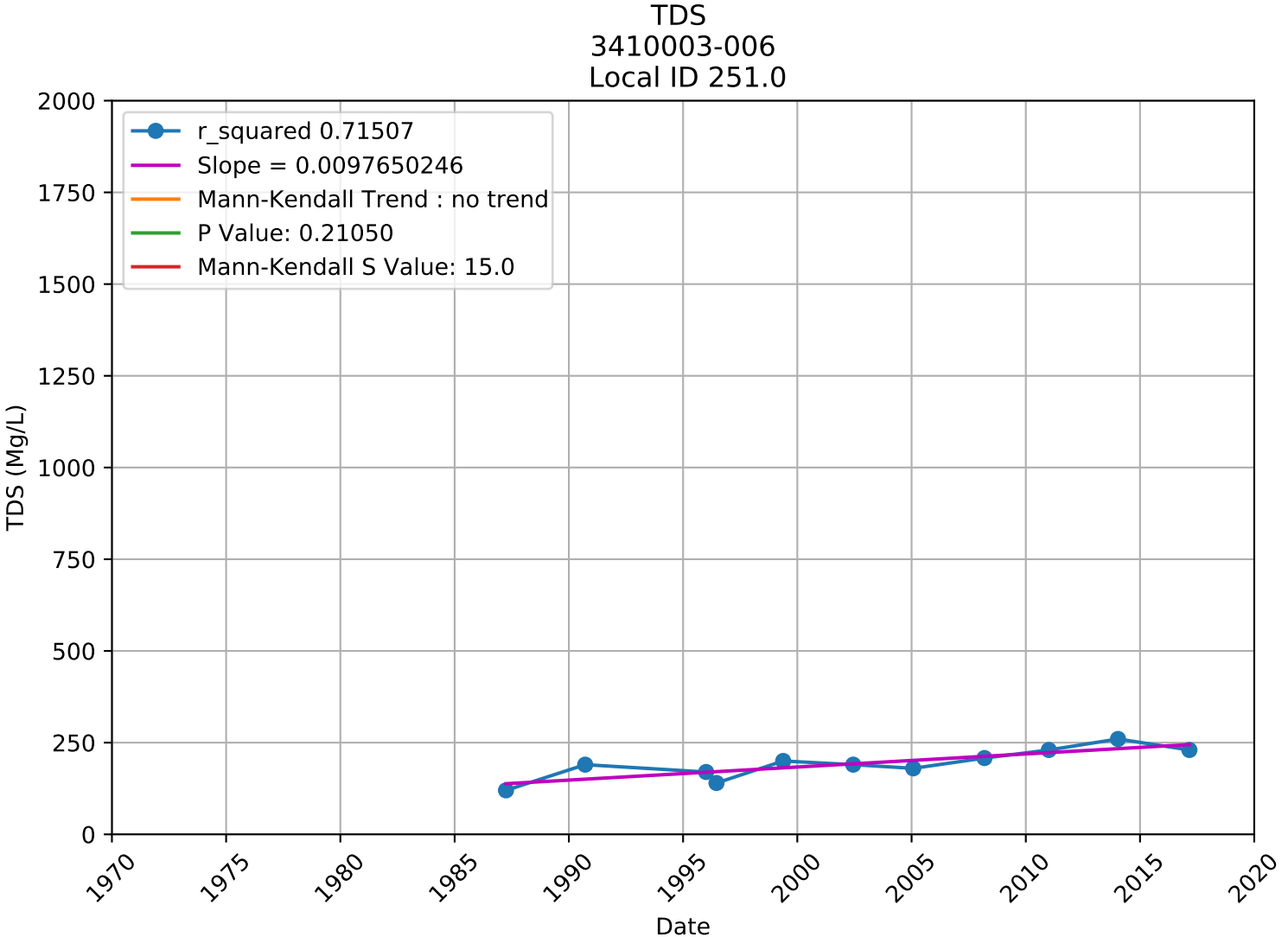

TDS
3410002-014
Local ID 249.0
r_squared 0.03805
Slope = 0.0007148208
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

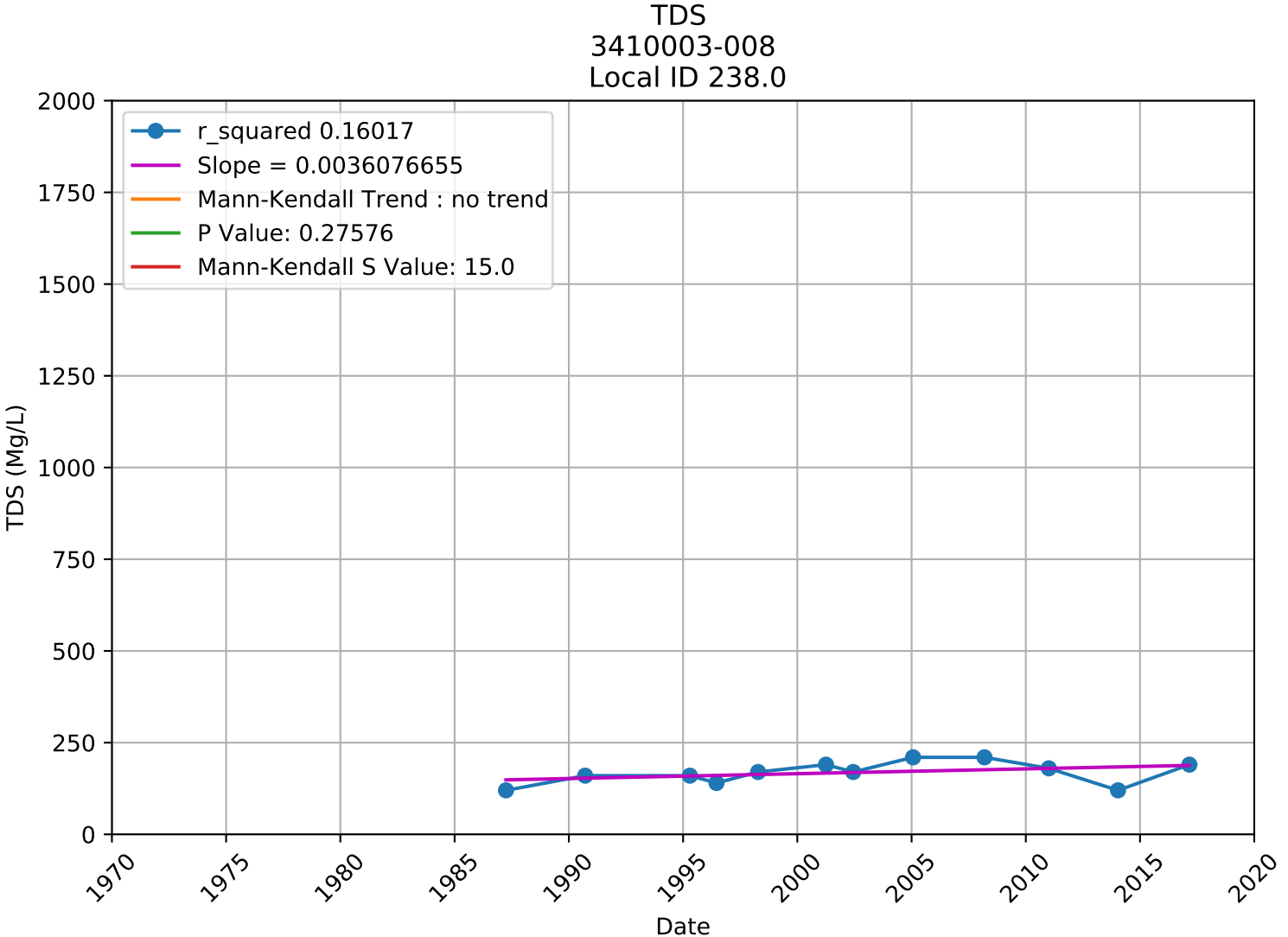

TDS
3410003-001
Local ID 152.0
r_squared 0.05414
Slope = -0.0035696815
Mann-Kendall Trend : no trend
P Value: 0.62170
Mann-Kendall S Value: 10.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

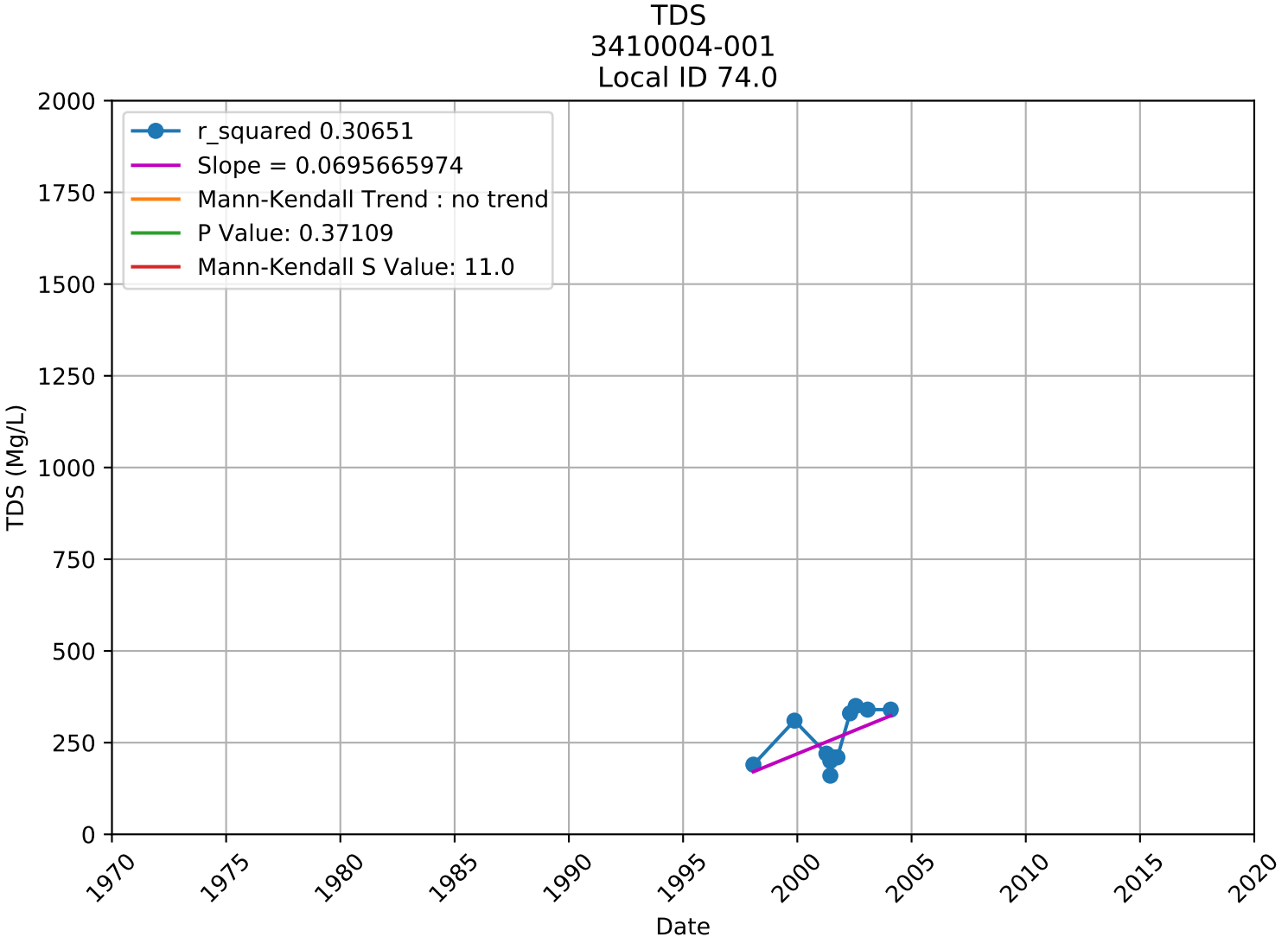

TDS
3410003-002
Local ID 153.0
r_squared 0.56380
Slope = 0.0134071663
Mann-Kendall Trend : no trend
P Value: 0.14986
Mann-Kendall S Value: 22.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

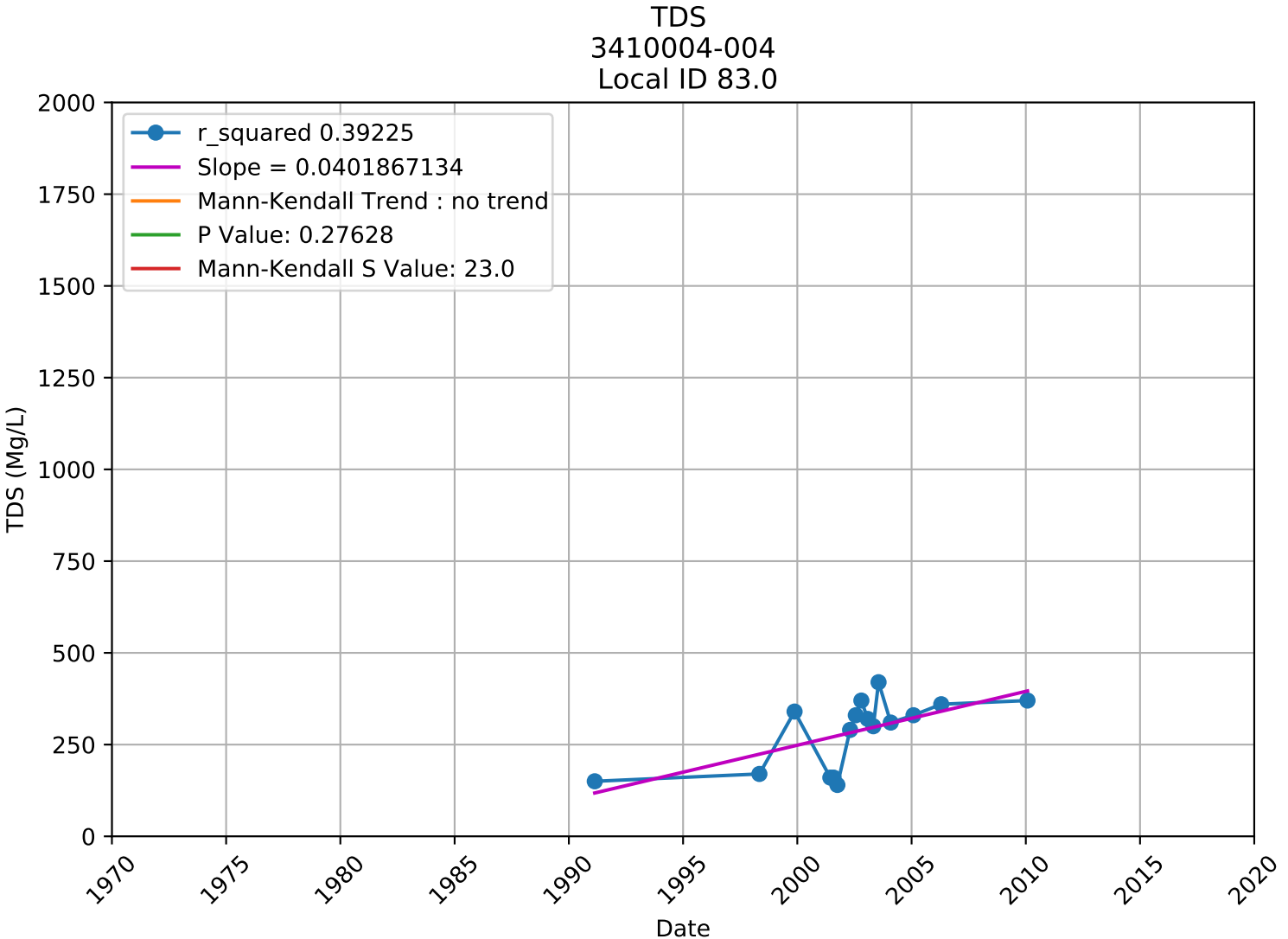

TDS
3410003-004
Local ID 245.0
r_squared 0.94408
Slope = 0.0109519794
Mann-Kendall Trend : no trend
P Value: 0.22067
Mann-Kendall S Value: 6.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

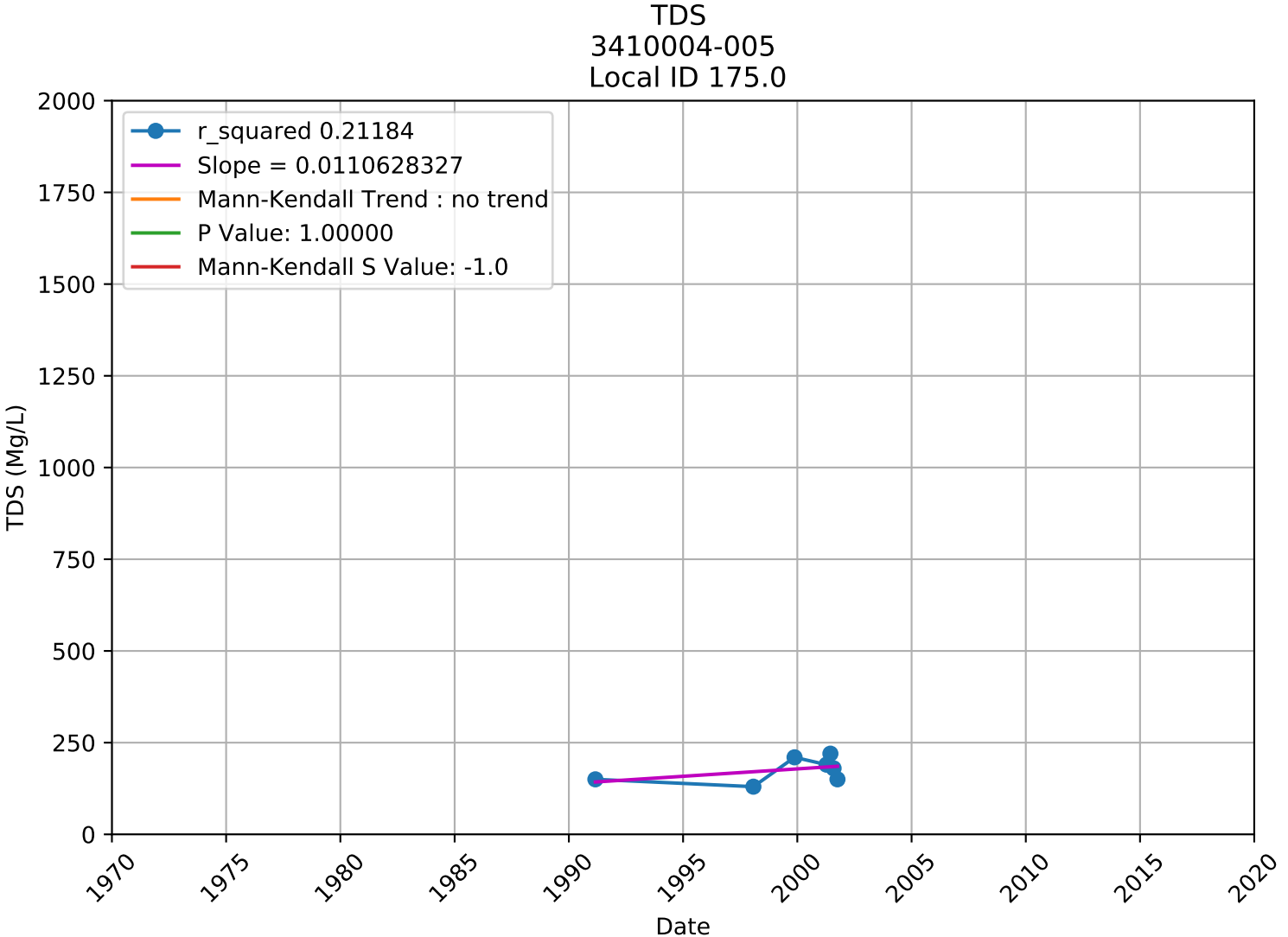

TDS
3410003-005
Local ID 162.0
r_squared 0.89518
Slope = 0.0153689118
Mann-Kendall Trend : no trend
P Value: 0.27576
Mann-Kendall S Value: 15.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

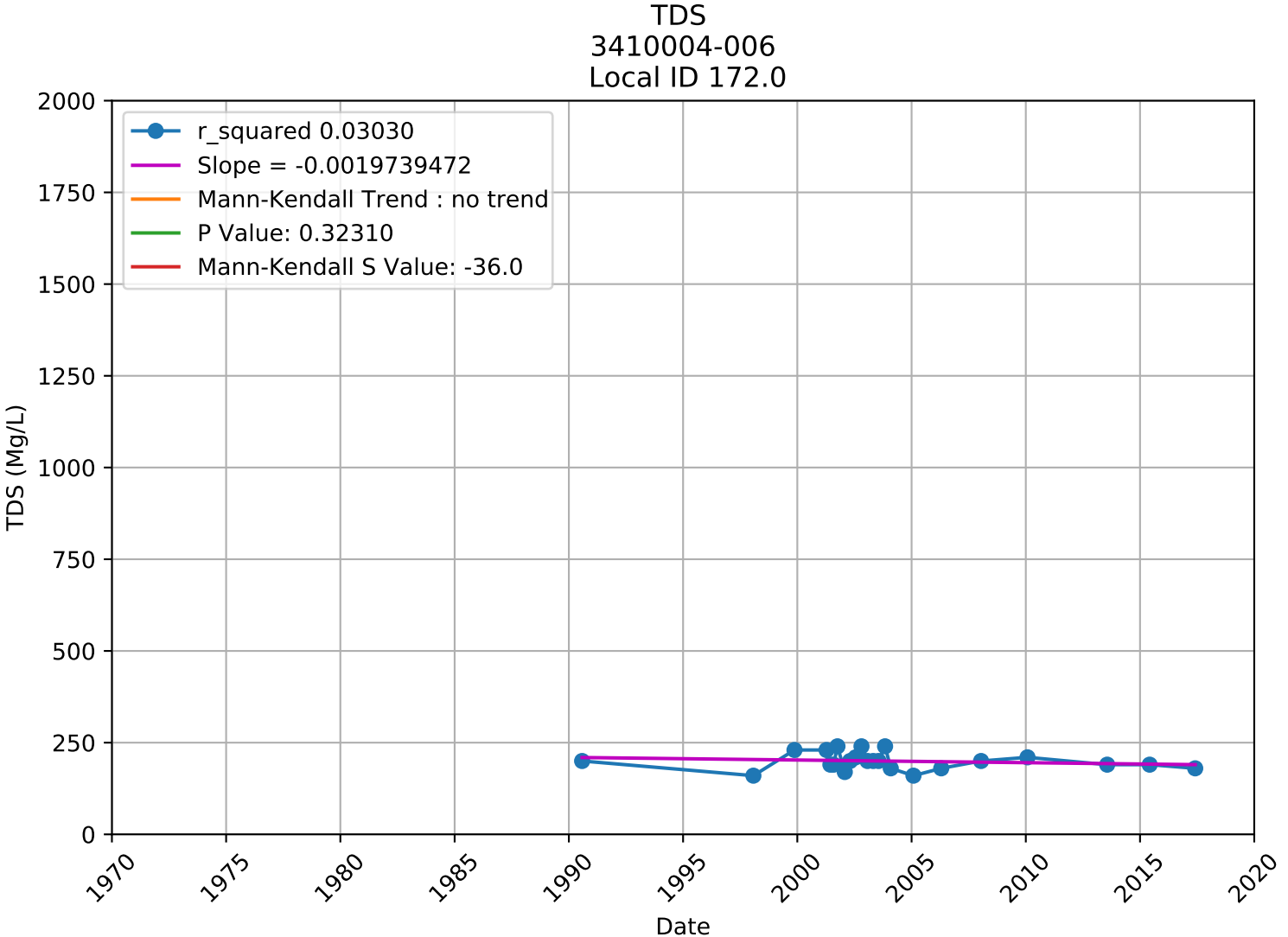

TDS
3410003-006
Local ID 251.0
r_squared 0.71507
Slope = 0.0097650246
Mann-Kendall Trend : no trend
P Value: 0.21050
Mann-Kendall S Value: 15.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

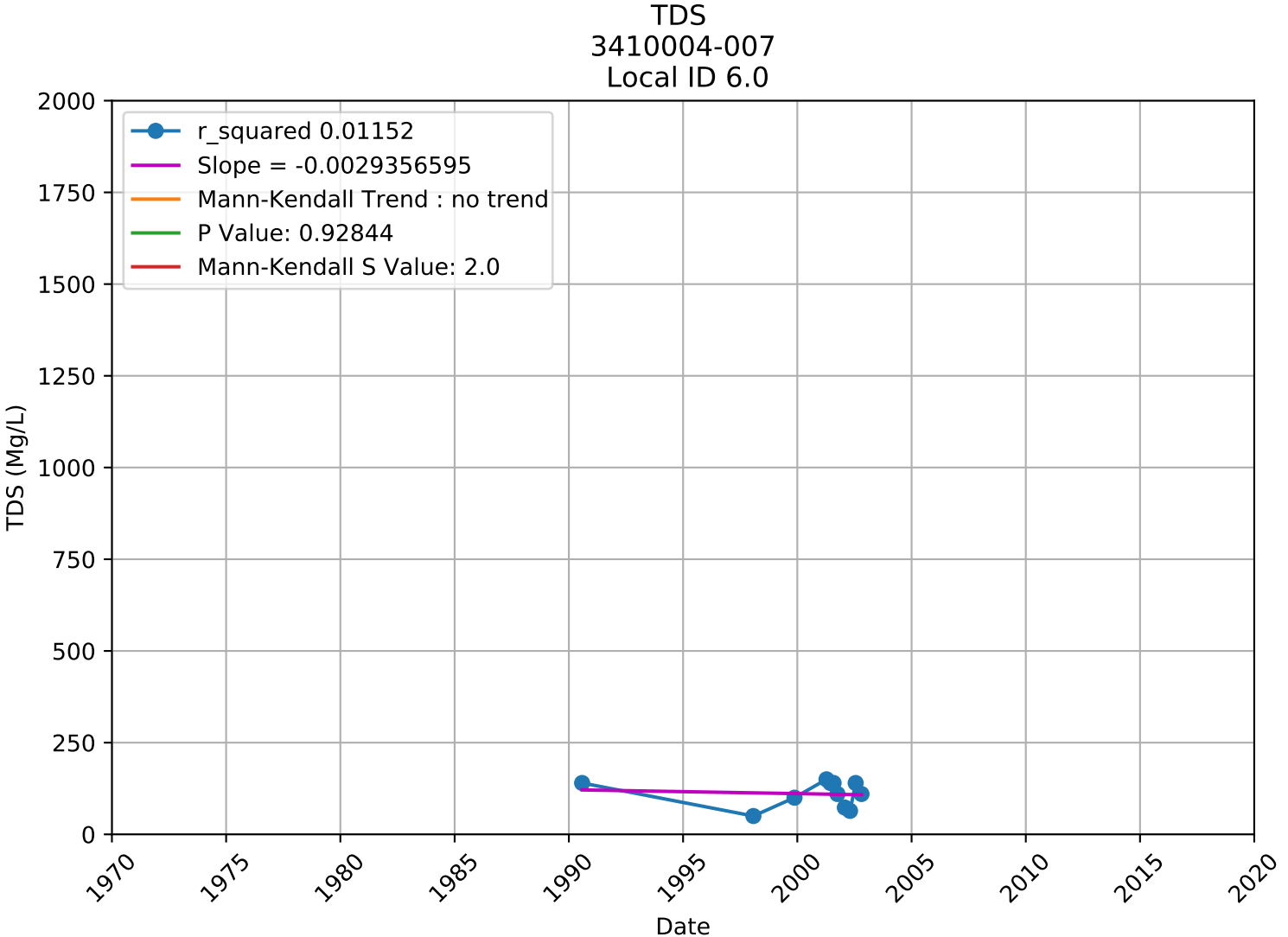

TDS
3410003-008
Local ID 238.0
r_squared 0.16017
Slope = 0.0036076655
Mann-Kendall Trend : no trend
P Value: 0.27576
Mann-Kendall S Value: 15.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

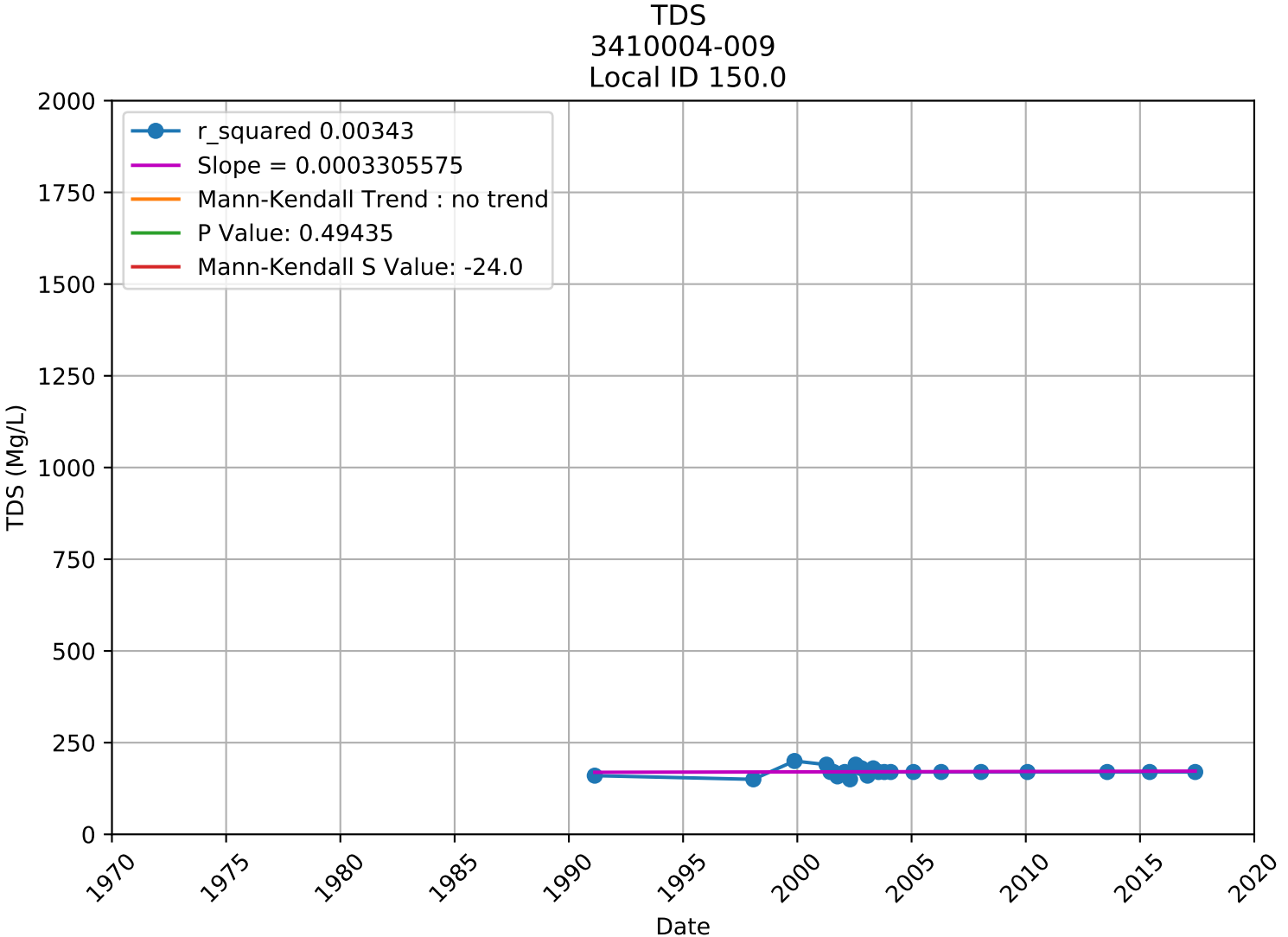

TDS
3410004-001
Local ID 74.0
r_squared 0.30651
Slope = 0.0695665974
Mann-Kendall Trend : no trend
P Value: 0.37109
Mann-Kendall S Value: 11.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

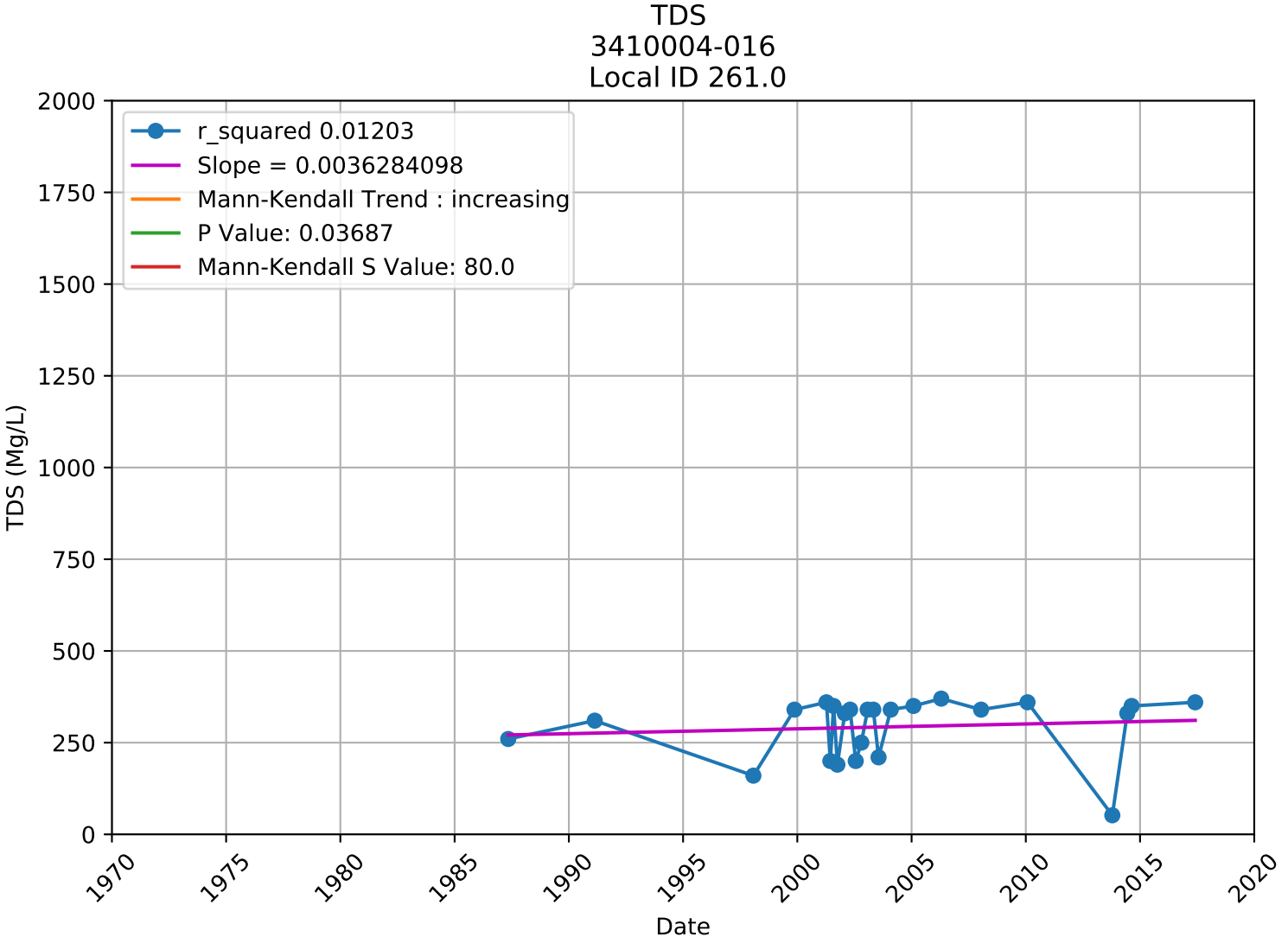

TDS
3410004-004
Local ID 83.0
r_squared 0.39225
Slope = 0.0401867134
Mann-Kendall Trend : no trend
P Value: 0.27628
Mann-Kendall S Value: 23.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

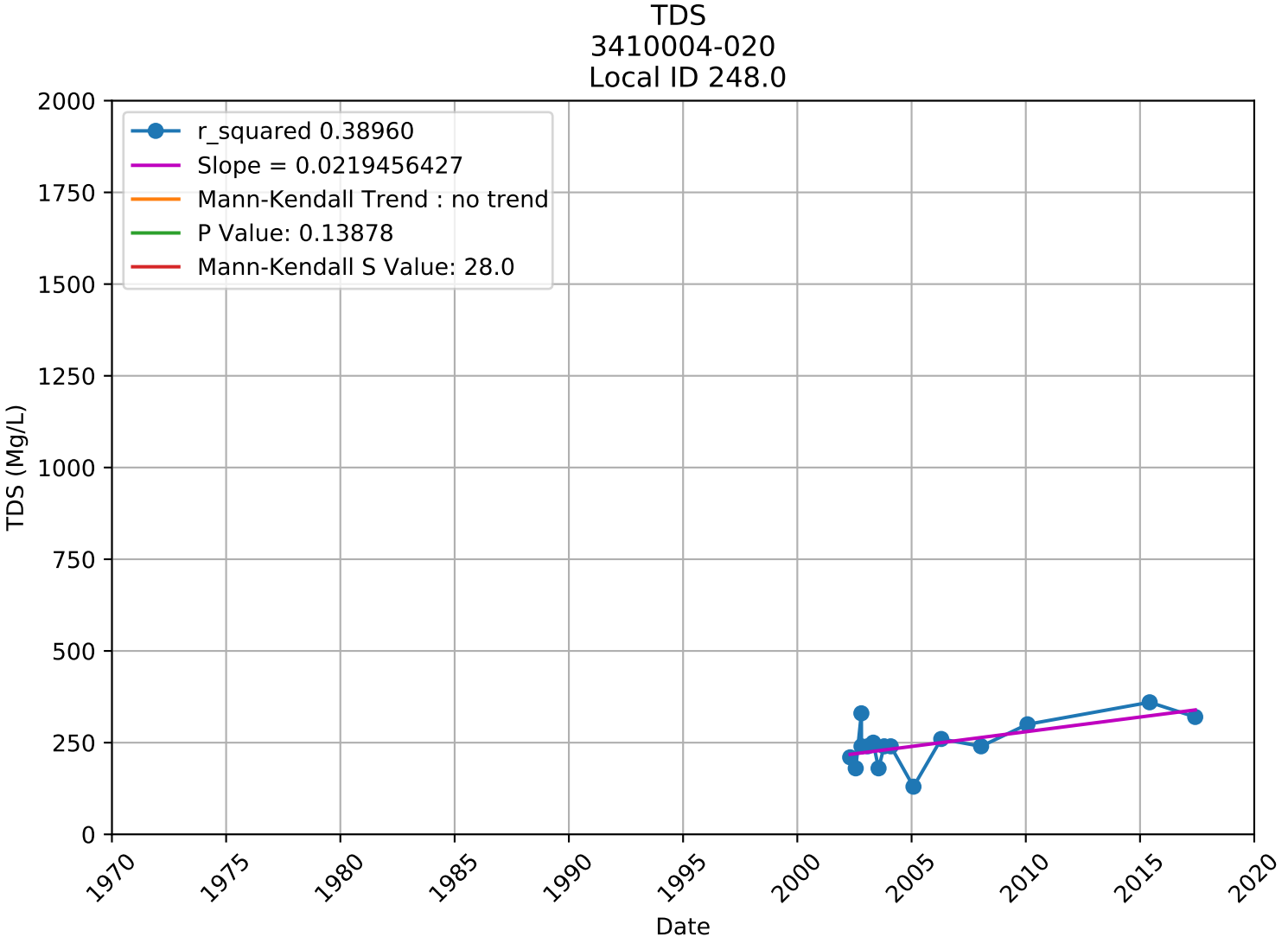

TDS
3410004-005
Local ID 175.0
r_squared 0.21184
Slope = 0.0110628327
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

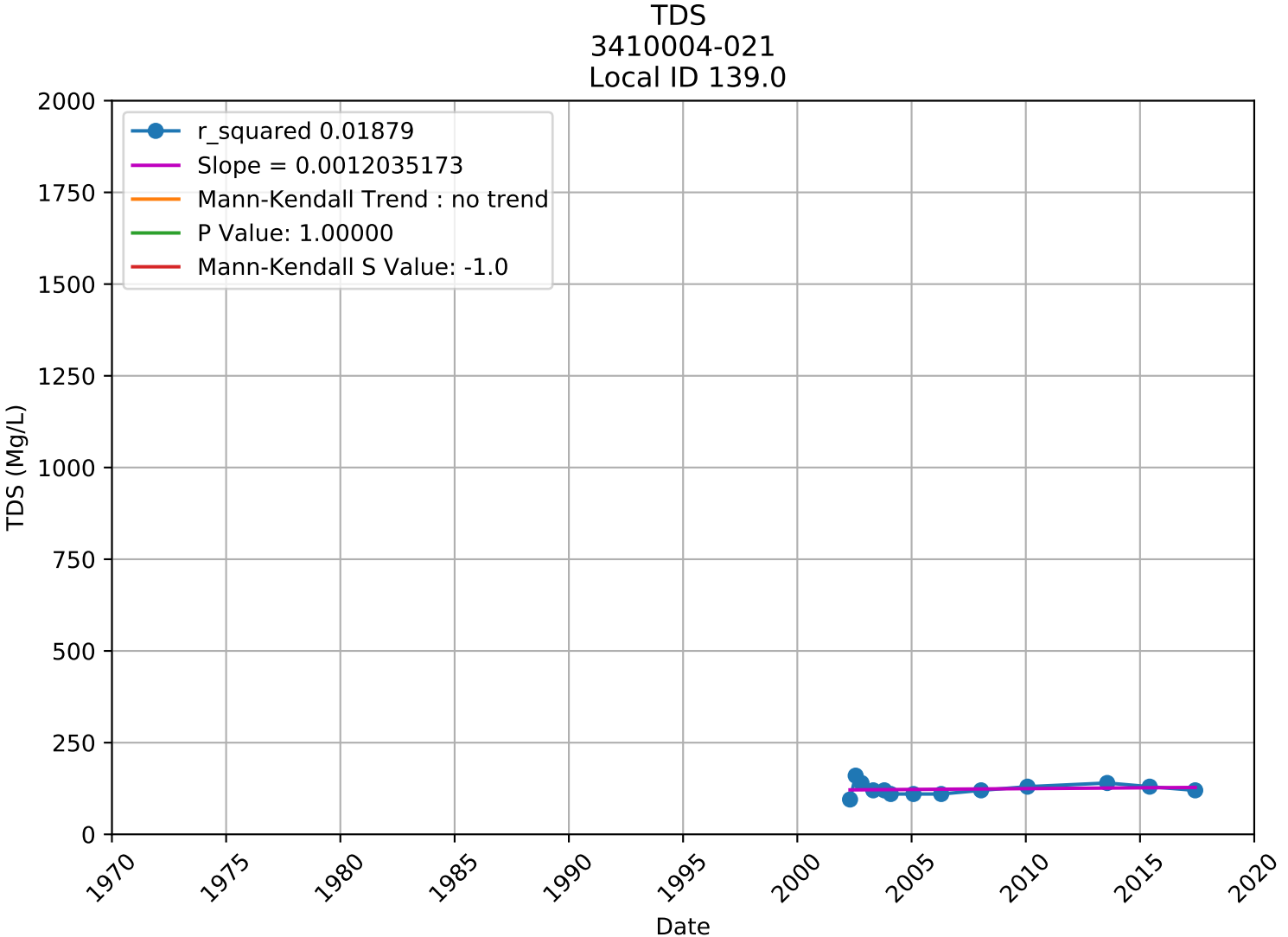

TDS
3410004-006
Local ID 172.0
r_squared 0.03030
Slope = -0.0019739472
Mann-Kendall Trend : no trend
P Value: 0.32310
Mann-Kendall S Value: -36.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
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2005
2010
2015
2020

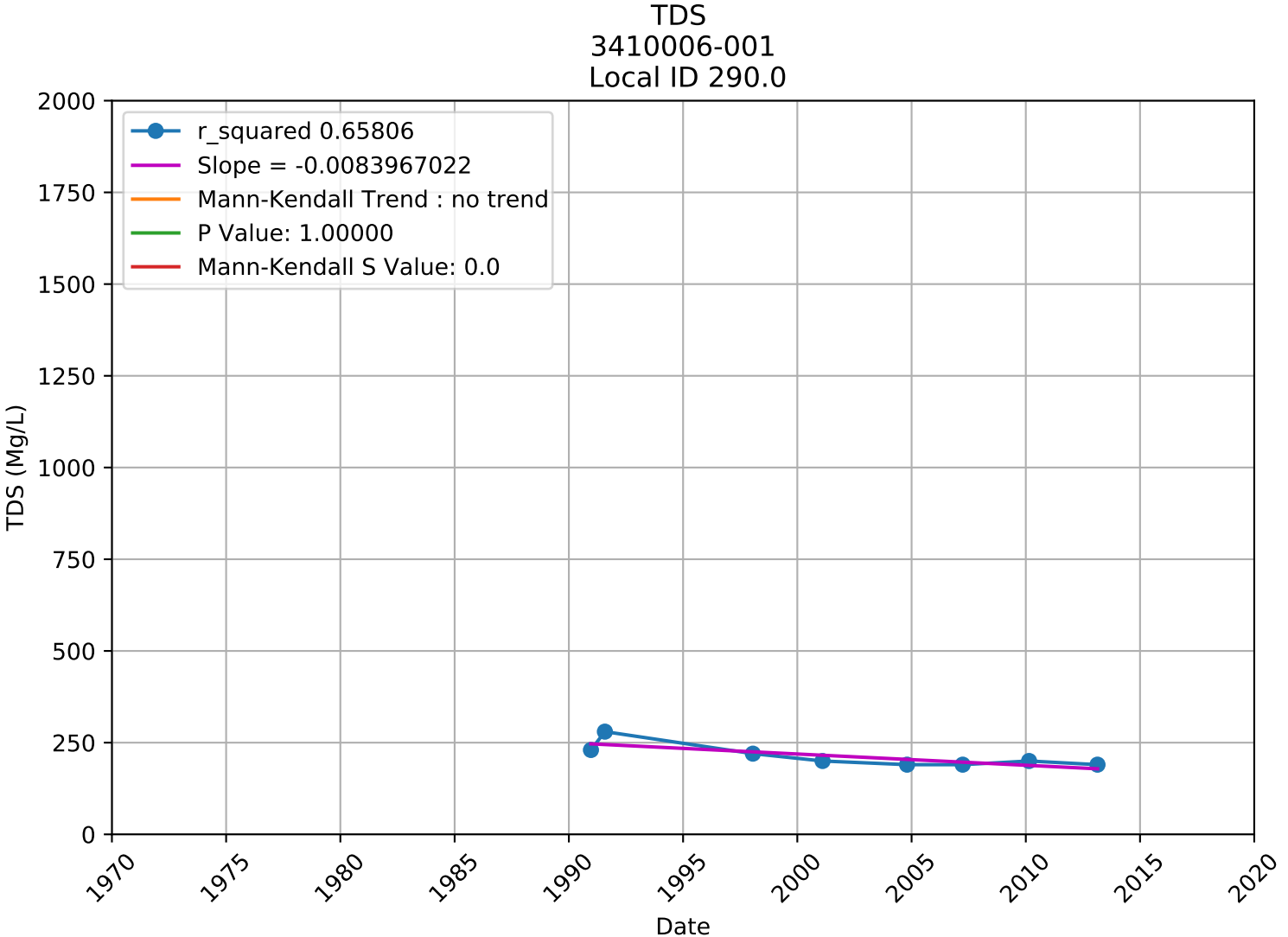

TDS
3410004-007
Local ID 6.0
r_squared 0.01152
Slope = -0.0029356595
Mann-Kendall Trend : no trend
P Value: 0.92844
Mann-Kendall S Value: 2.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

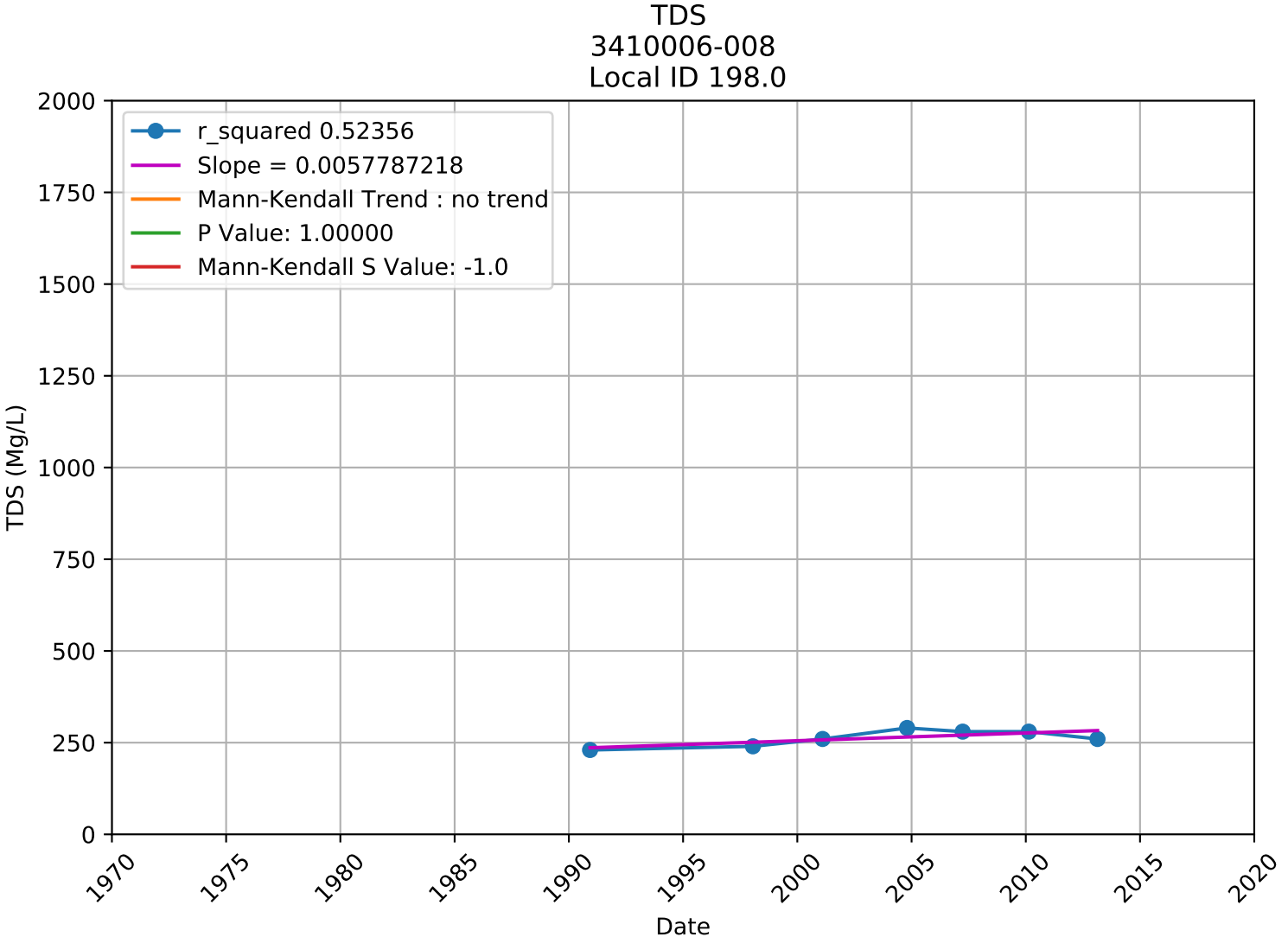

TDS
3410004-009
Local ID 150.0
r_squared 0.00343
Slope = 0.0003305575
Mann-Kendall Trend : no trend
P Value: 0.49435
Mann-Kendall S Value: -24.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
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2005
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2015
2020

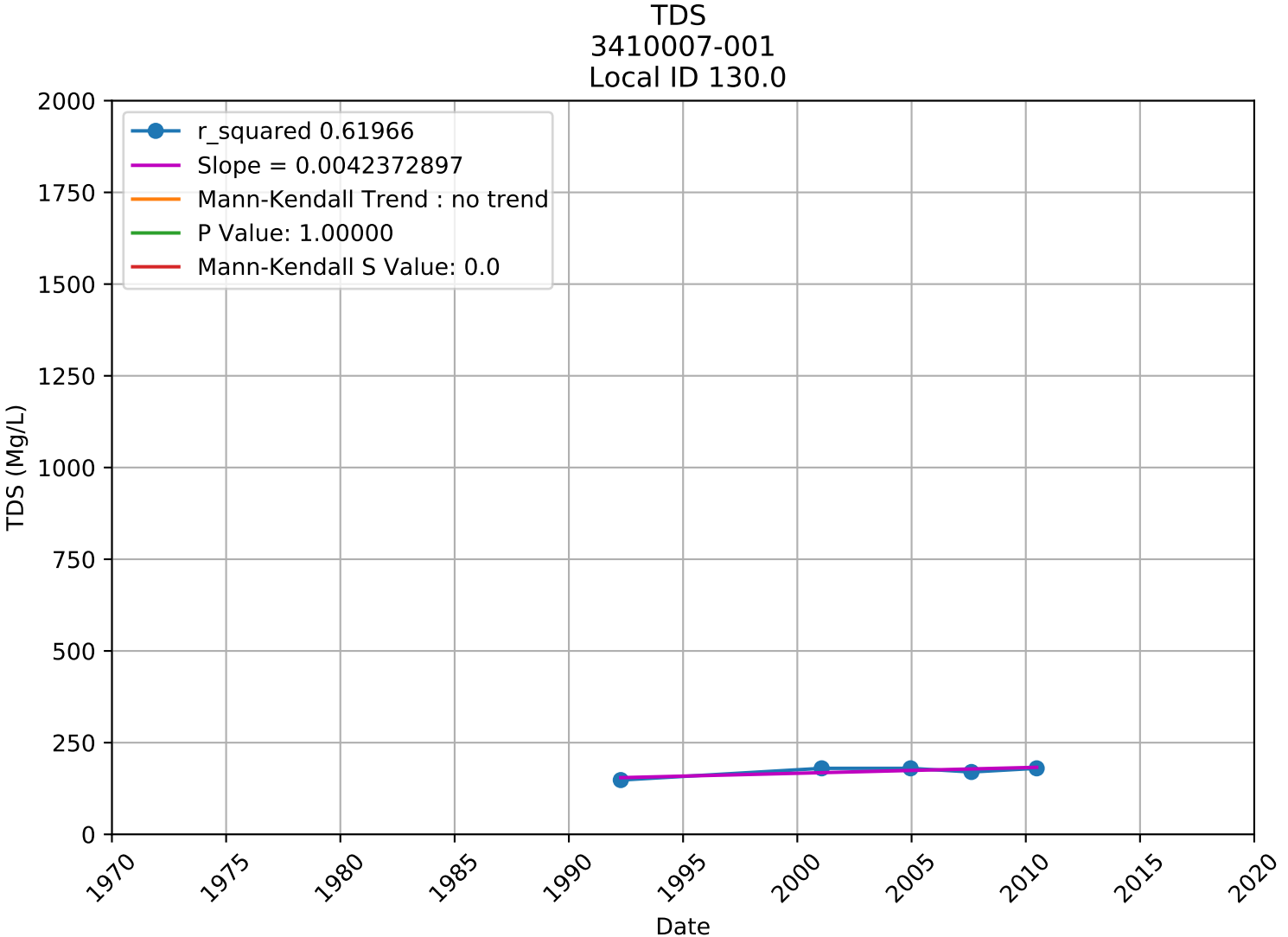

TDS
3410004-016
Local ID 261.0
r_squared 0.01203
Slope = 0.0036284098
Mann-Kendall Trend : increasing
P Value: 0.03687
Mann-Kendall S Value: 80.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

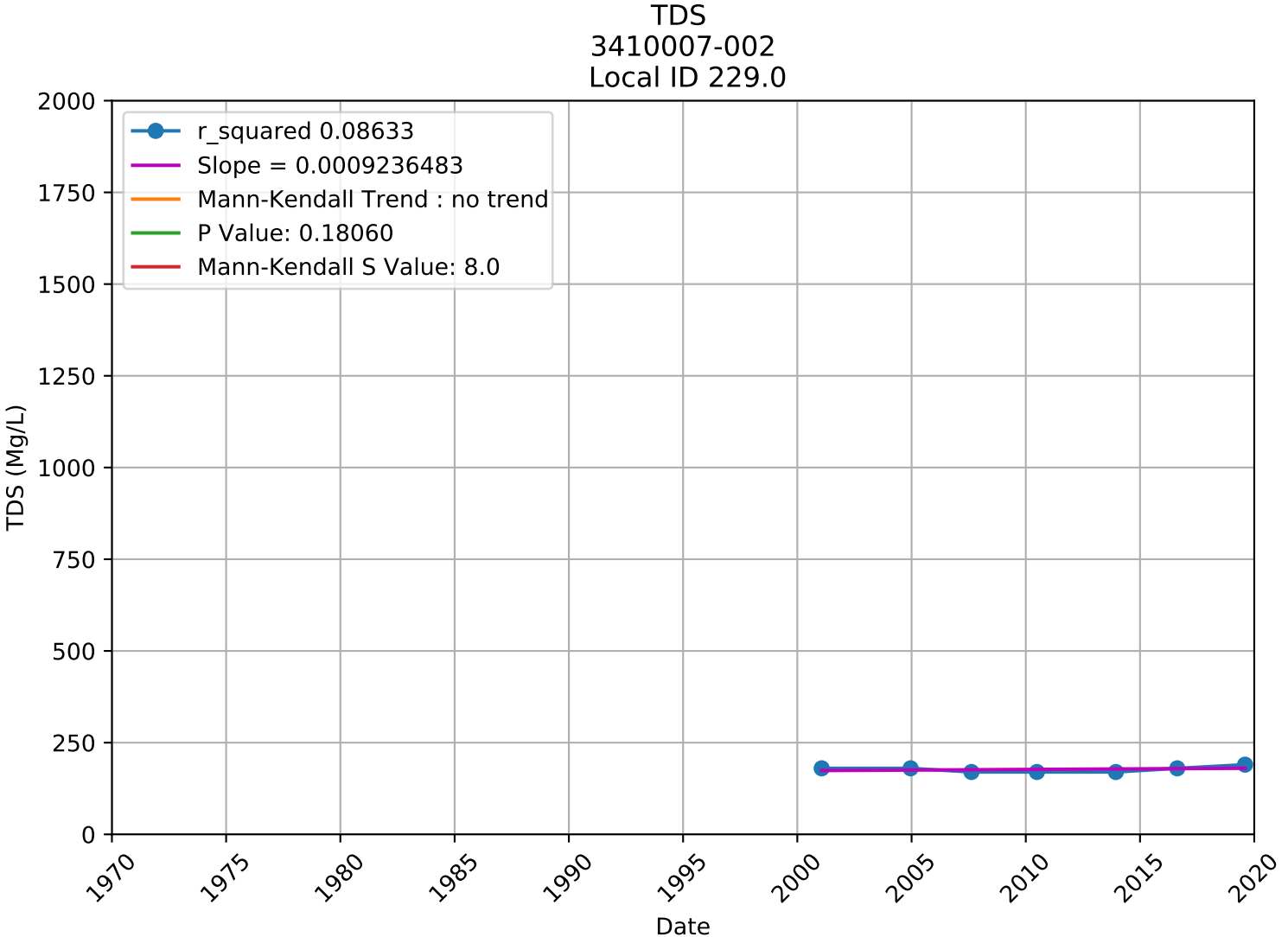

TDS
3410004-020
Local ID 248.0
r_squared 0.38960
Slope = 0.0219456427
Mann-Kendall Trend : no trend
P Value: 0.13878
Mann-Kendall S Value: 28.0
TDS (Mg/L)
Date
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1750
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1250
1000
750
500
250
0
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1985
1990
1995
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2005
2010
2015
2020

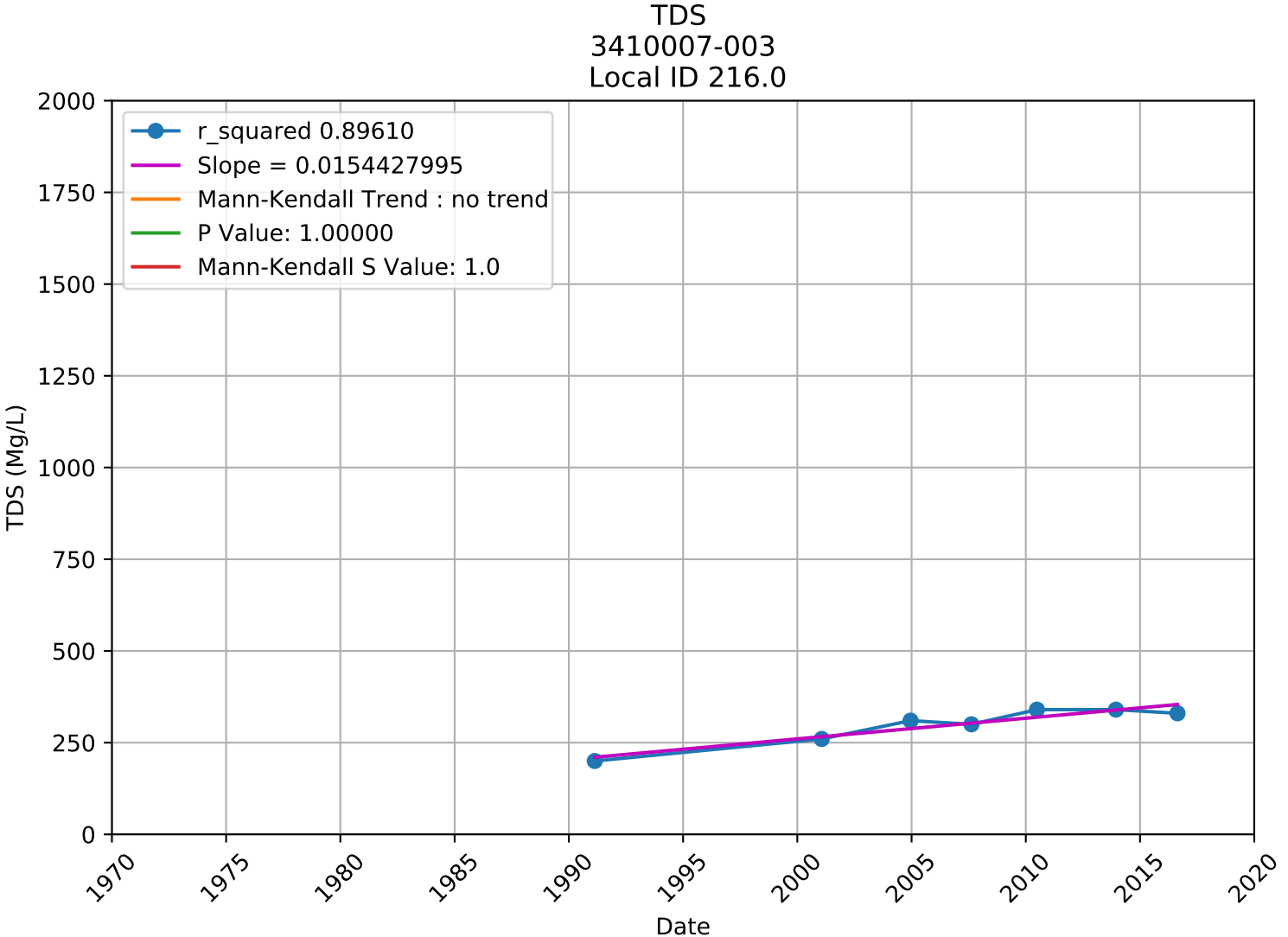

TDS
3410004-021
Local ID 139.0
r_squared 0.01879
Slope = 0.0012035173
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

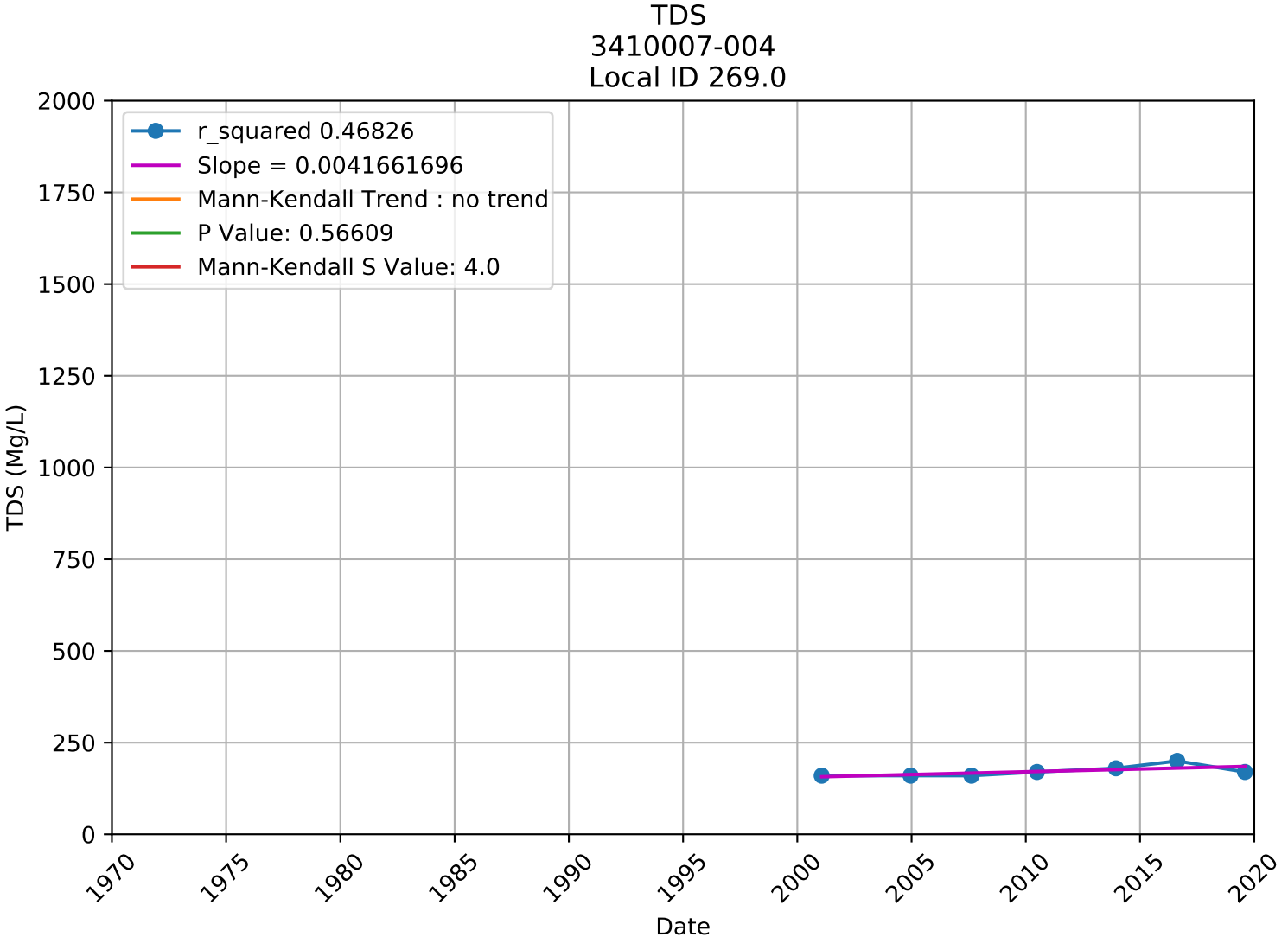

TDS
3410006-001
Local ID 290.0
r_squared 0.65806
Slope = -0.0083967022
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

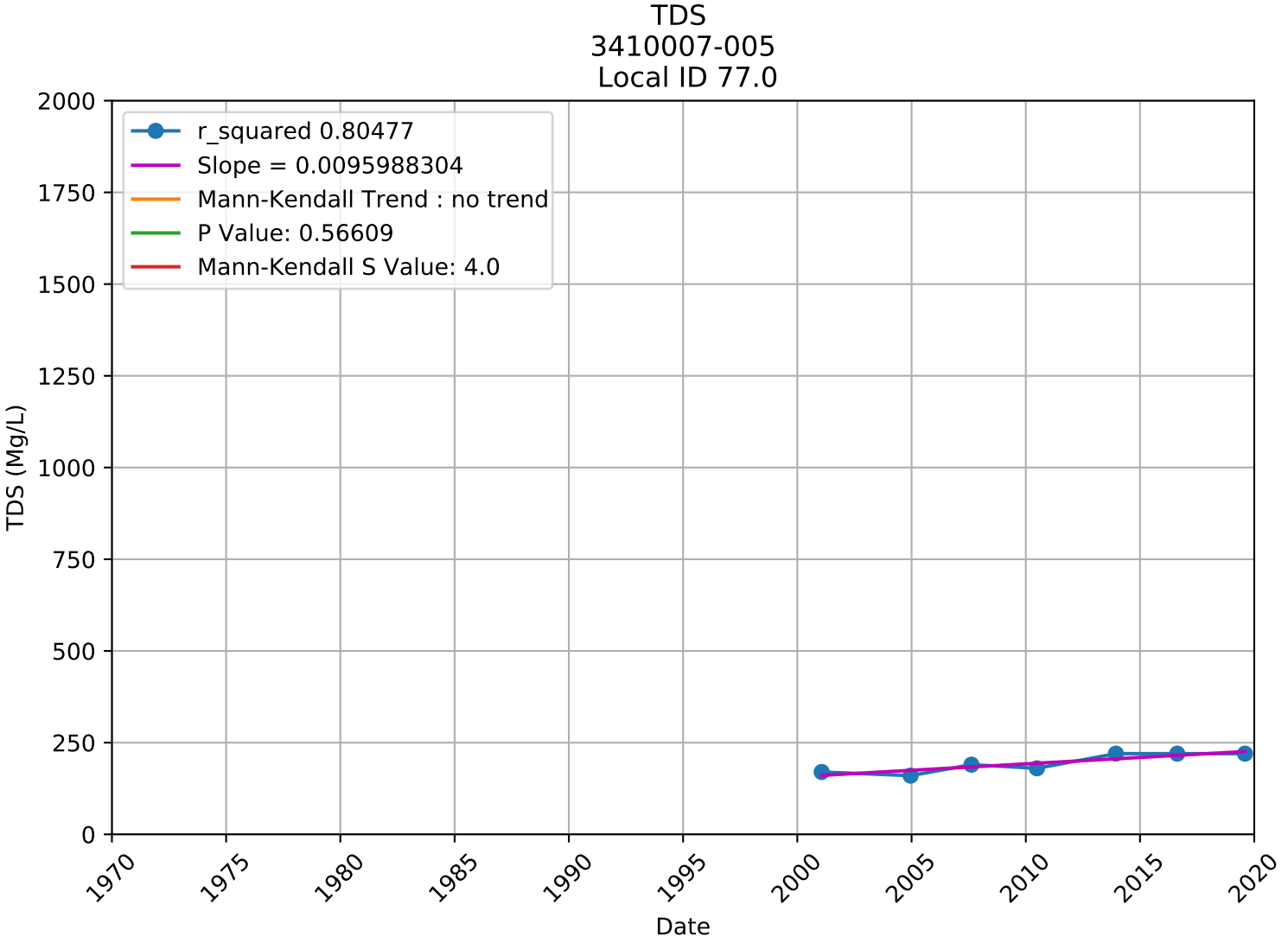

TDS
3410006-008
Local ID 198.0
r_squared 0.52356
Slope = 0.0057787218
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

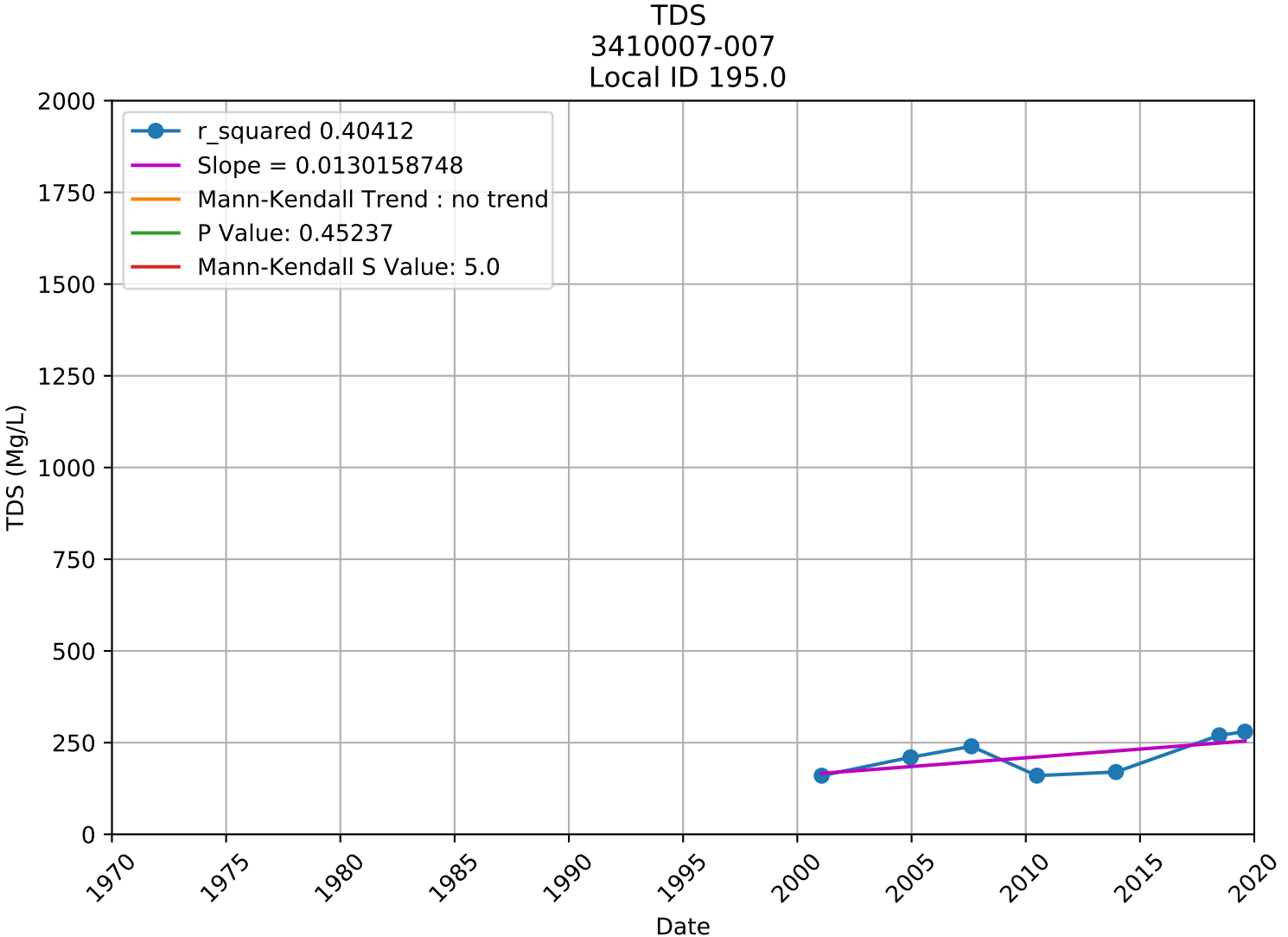

TDS
3410007-001
Local ID 130.0
r_squared 0.61966
Slope = 0.0042372897
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

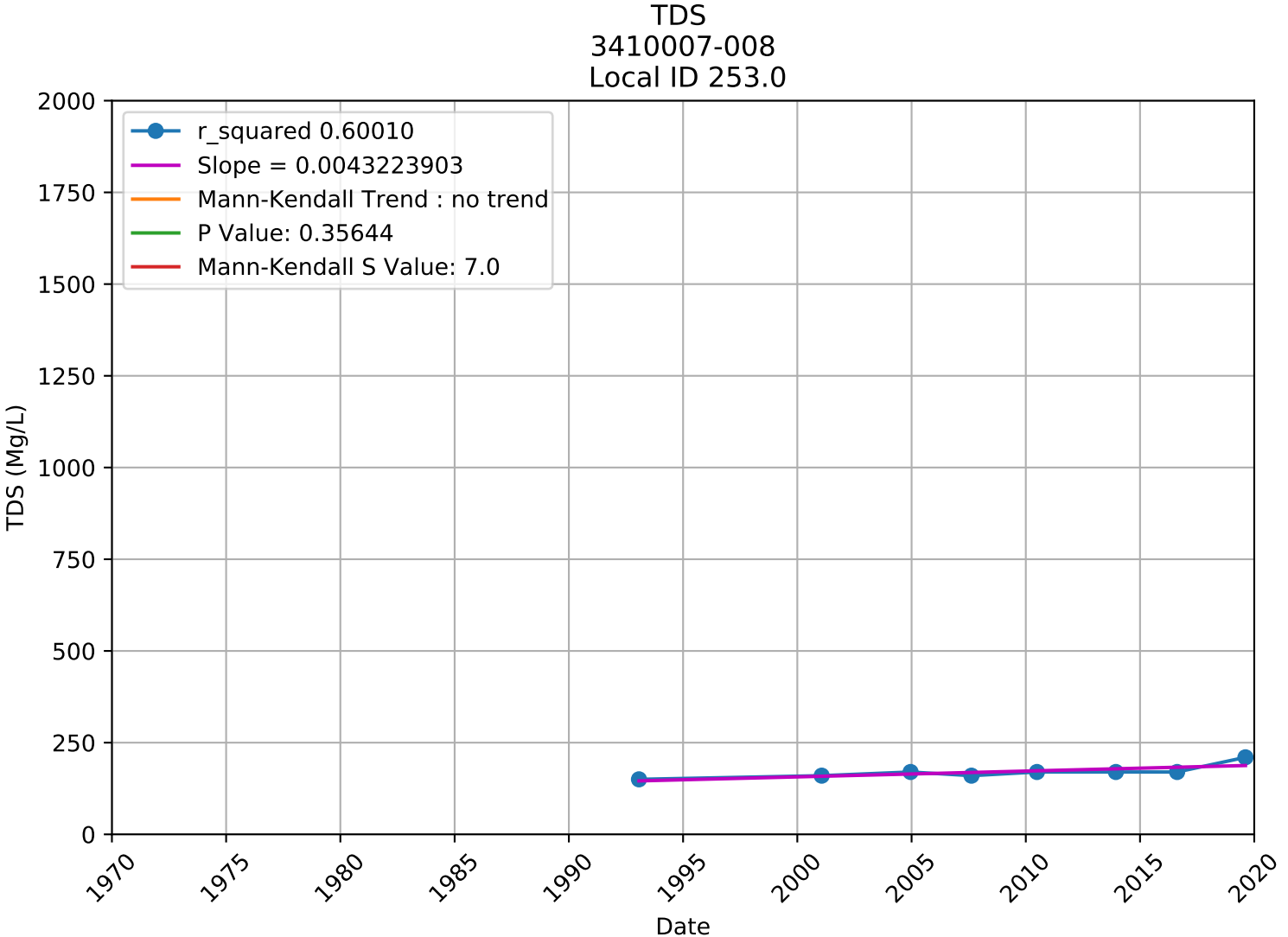

TDS
3410007-002
Local ID 229.0
r_squared 0.08633
Slope = 0.0009236483
Mann-Kendall Trend : no trend
P Value: 0.18060
Mann-Kendall S Value: 8.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

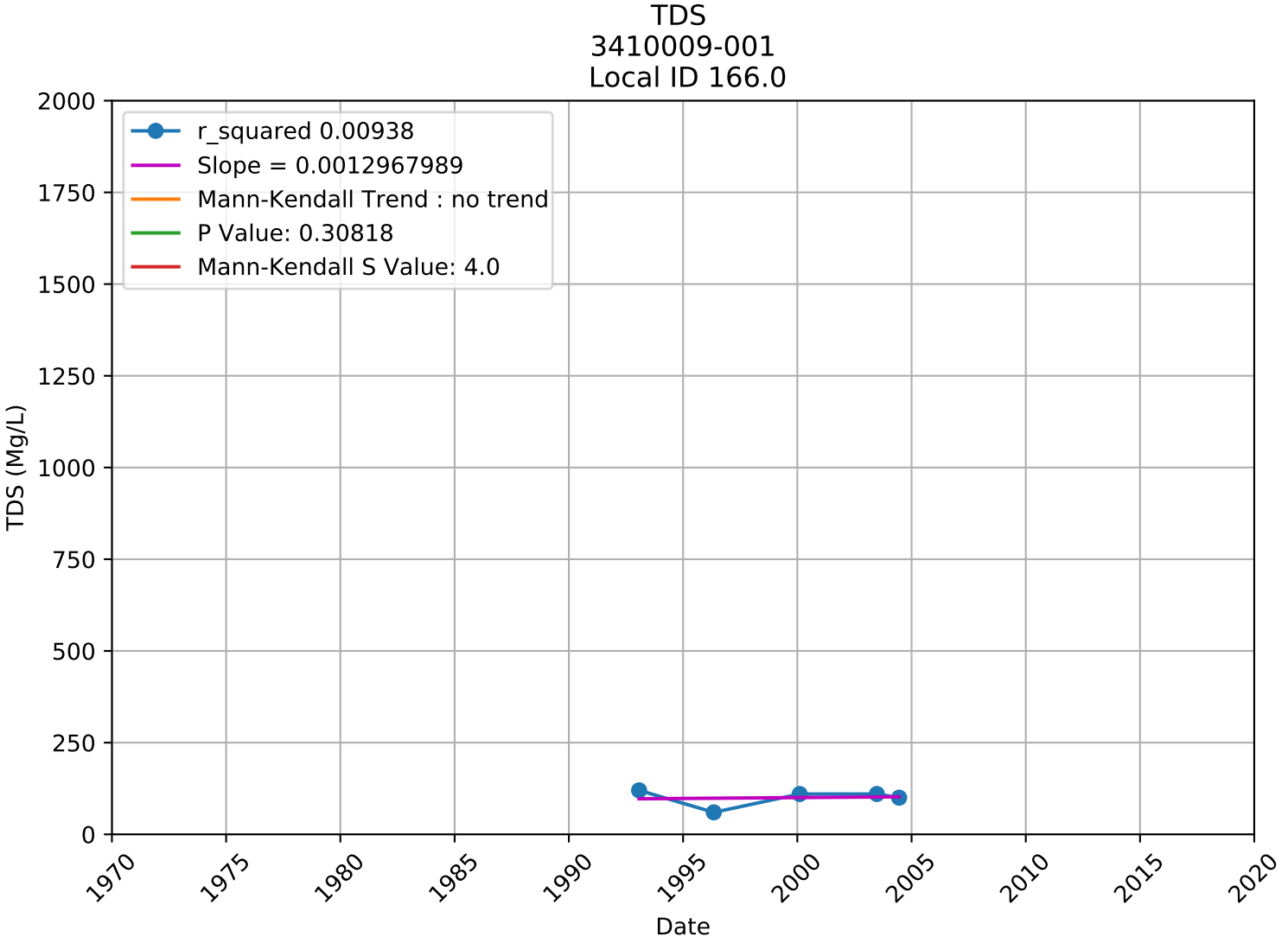

TDS
3410007-003
Local ID 216.0
r_squared 0.89610
Slope = 0.0154427995
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

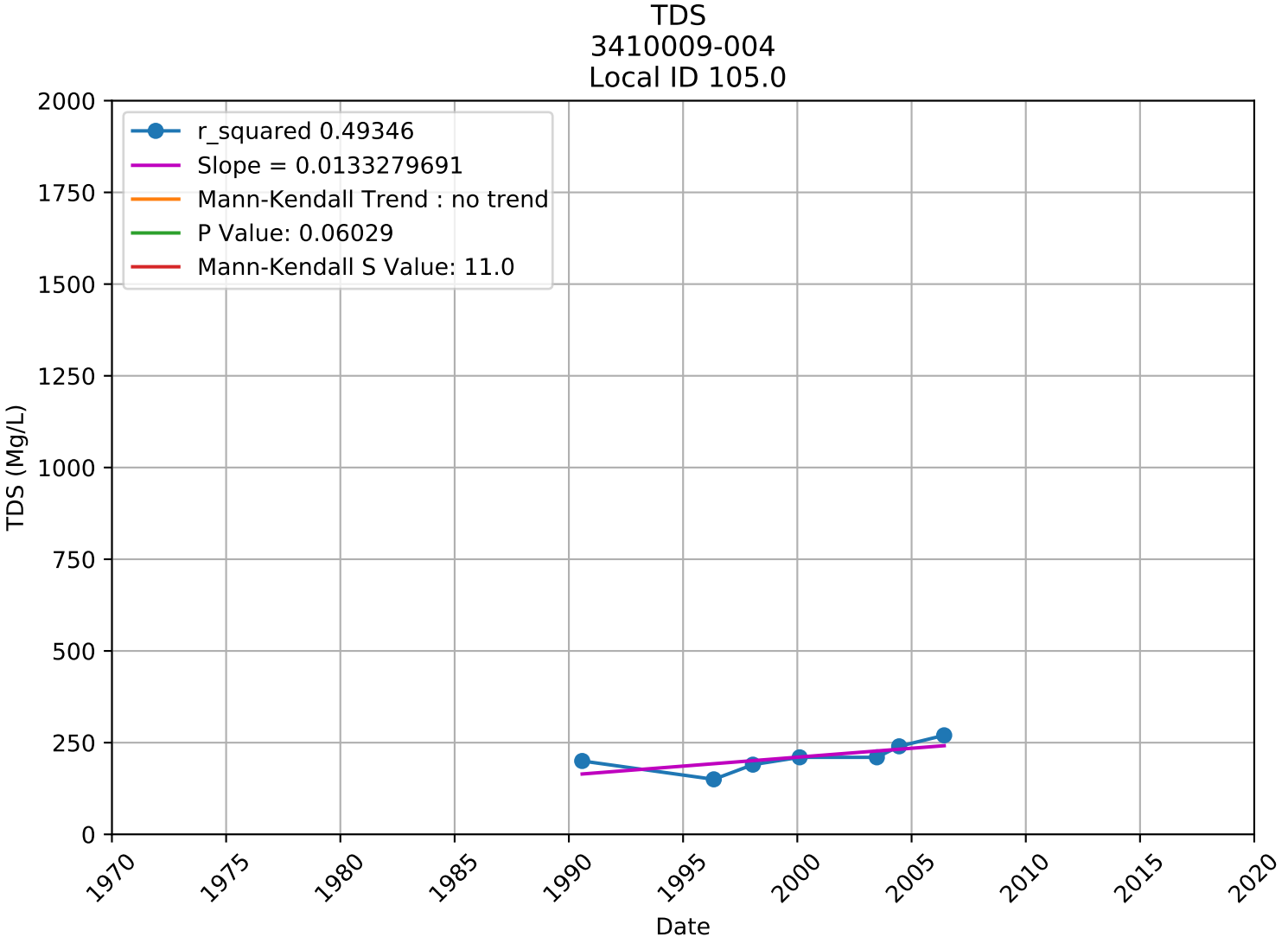

TDS
3410007-004
Local ID 269.0
r_squared 0.46826
Slope = 0.0041661696
Mann-Kendall Trend : no trend
P Value: 0.56609
Mann-Kendall S Value: 4.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

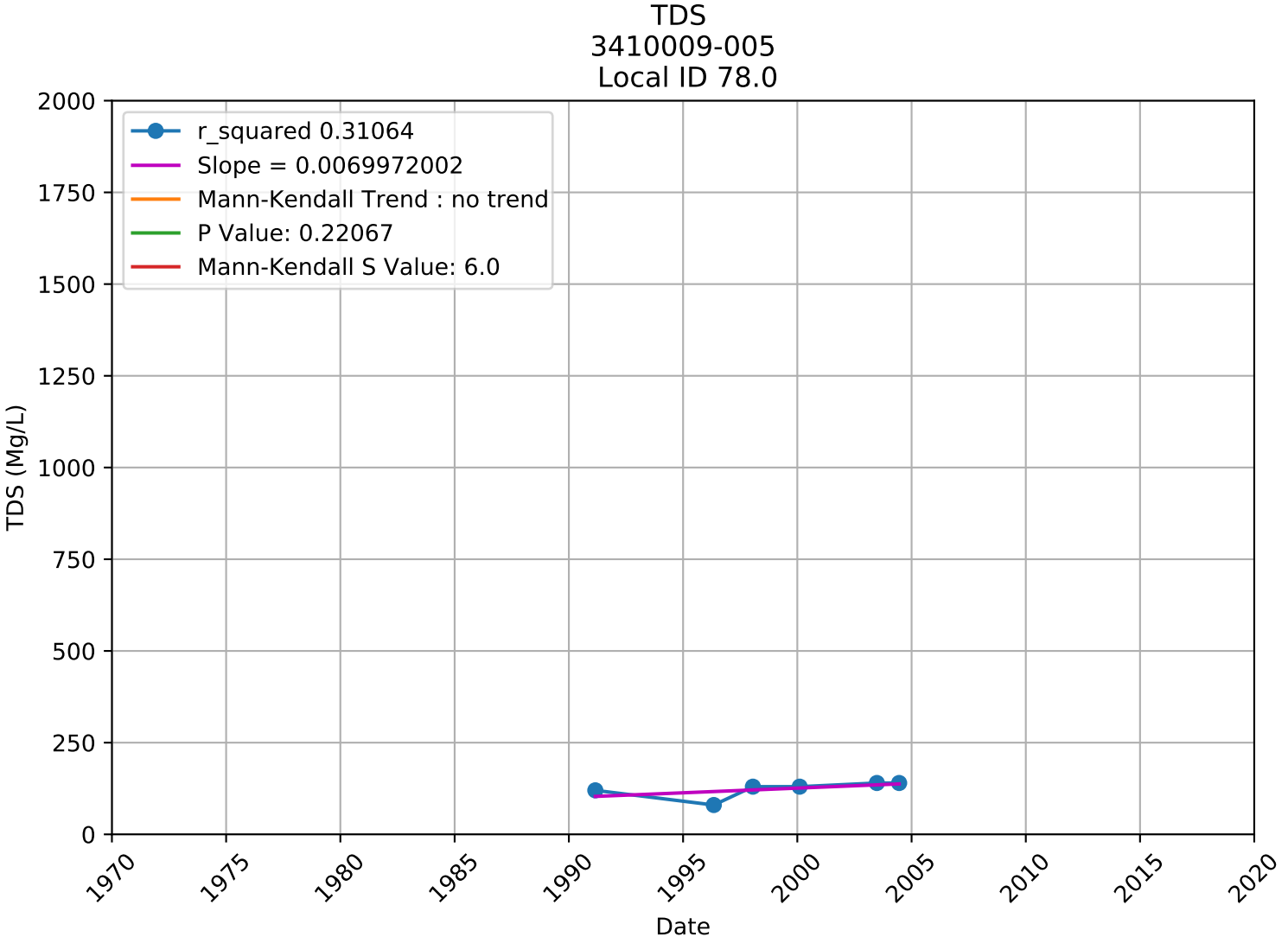

TDS
3410007-005
Local ID 77.0
r_squared 0.80477
Slope = 0.0095988304
Mann-Kendall Trend : no trend
P Value: 0.56609
Mann-Kendall S Value: 4.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

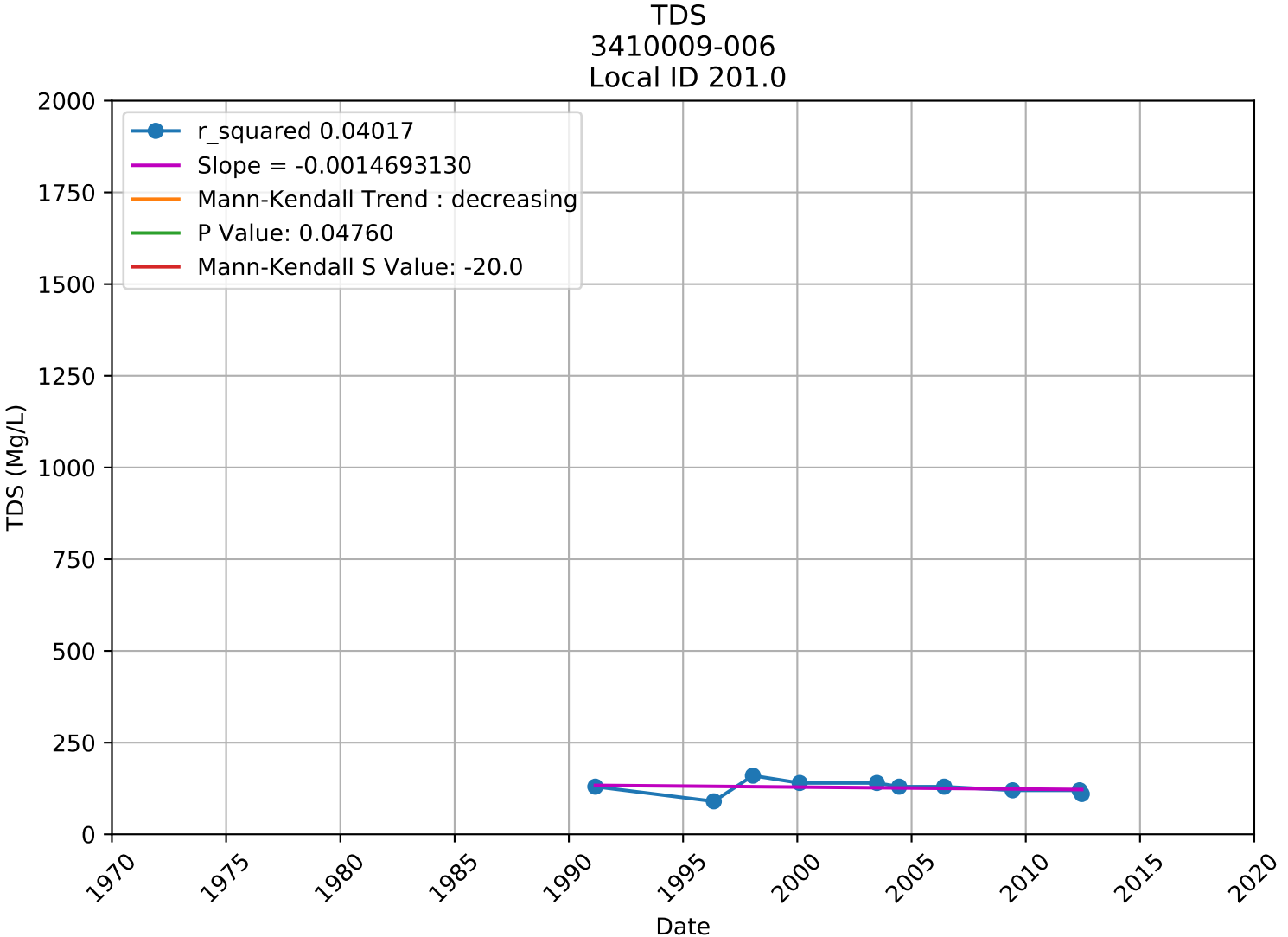

TDS
3410007-007
Local ID 195.0
r_squared 0.40412
Slope = 0.0130158748
Mann-Kendall Trend : no trend
P Value: 0.45237
Mann-Kendall S Value: 5.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

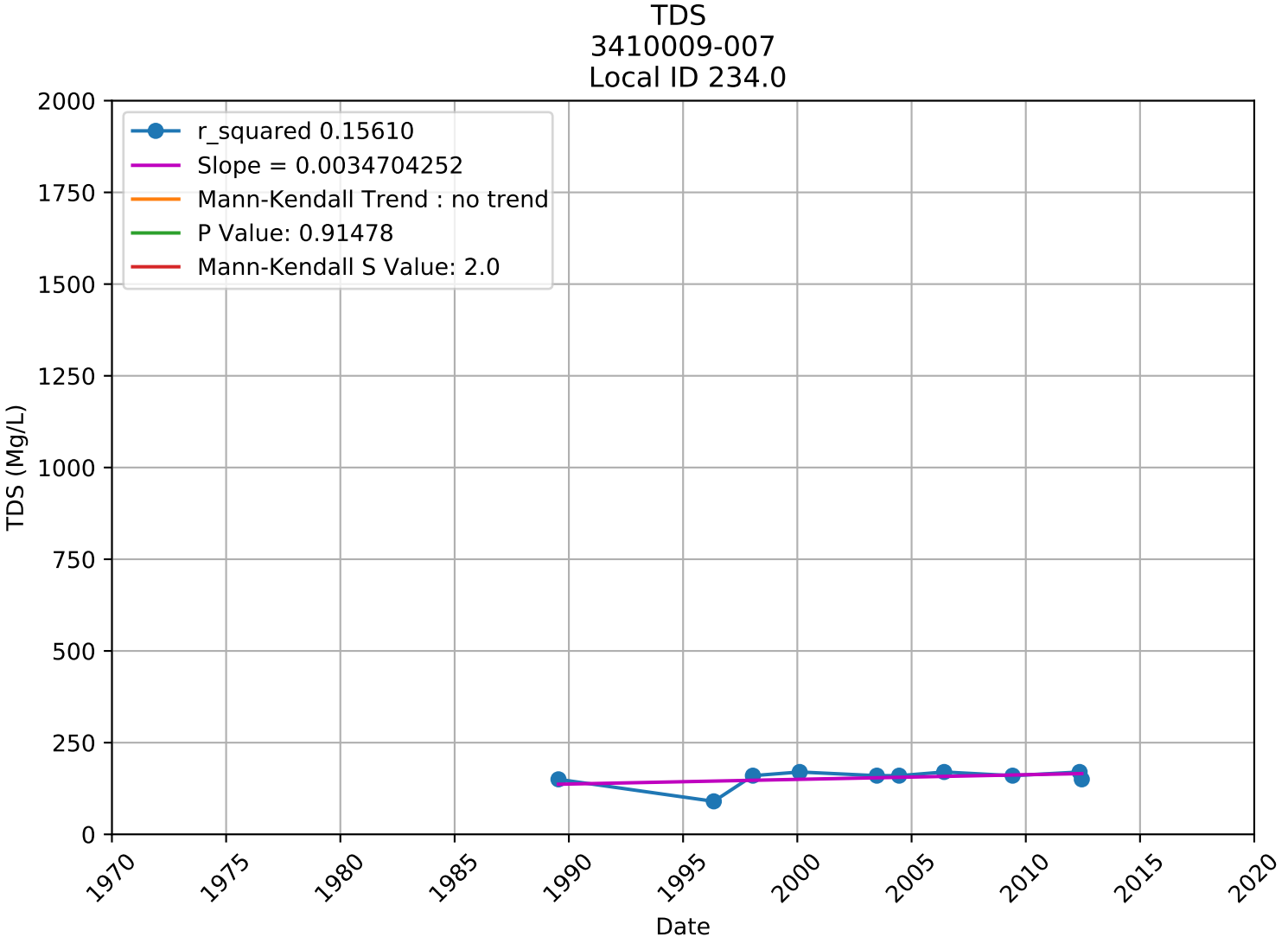

TDS
3410007-008
Local ID 253.0
r_squared 0.60010
Slope = 0.0043223903
Mann-Kendall Trend : no trend
P Value: 0.35644
Mann-Kendall S Value: 7.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

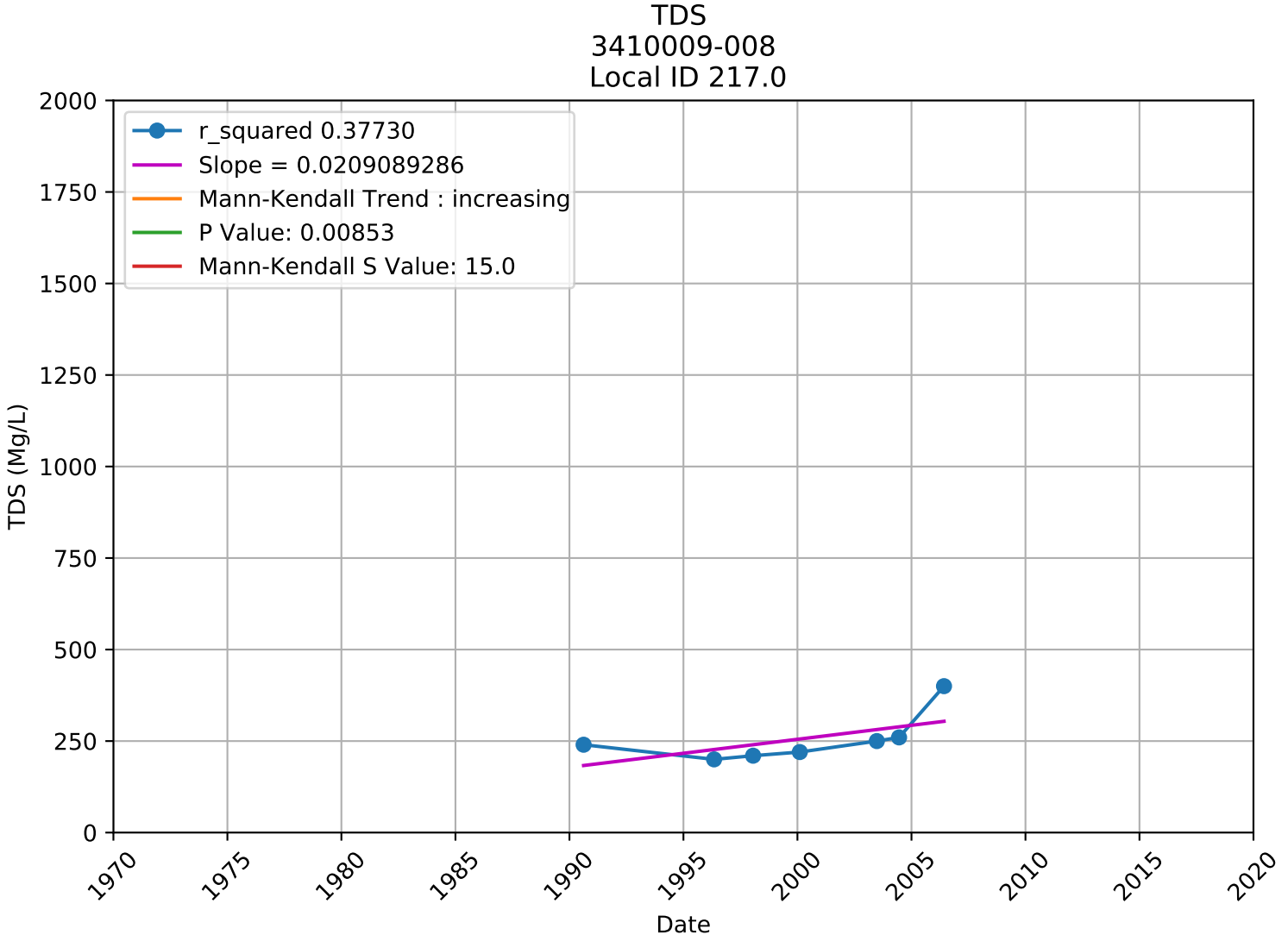

TDS
3410009-001
Local ID 166.0
r_squared 0.00938
Slope = 0.0012967989
Mann-Kendall Trend : no trend
P Value: 0.30818
Mann-Kendall S Value: 4.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

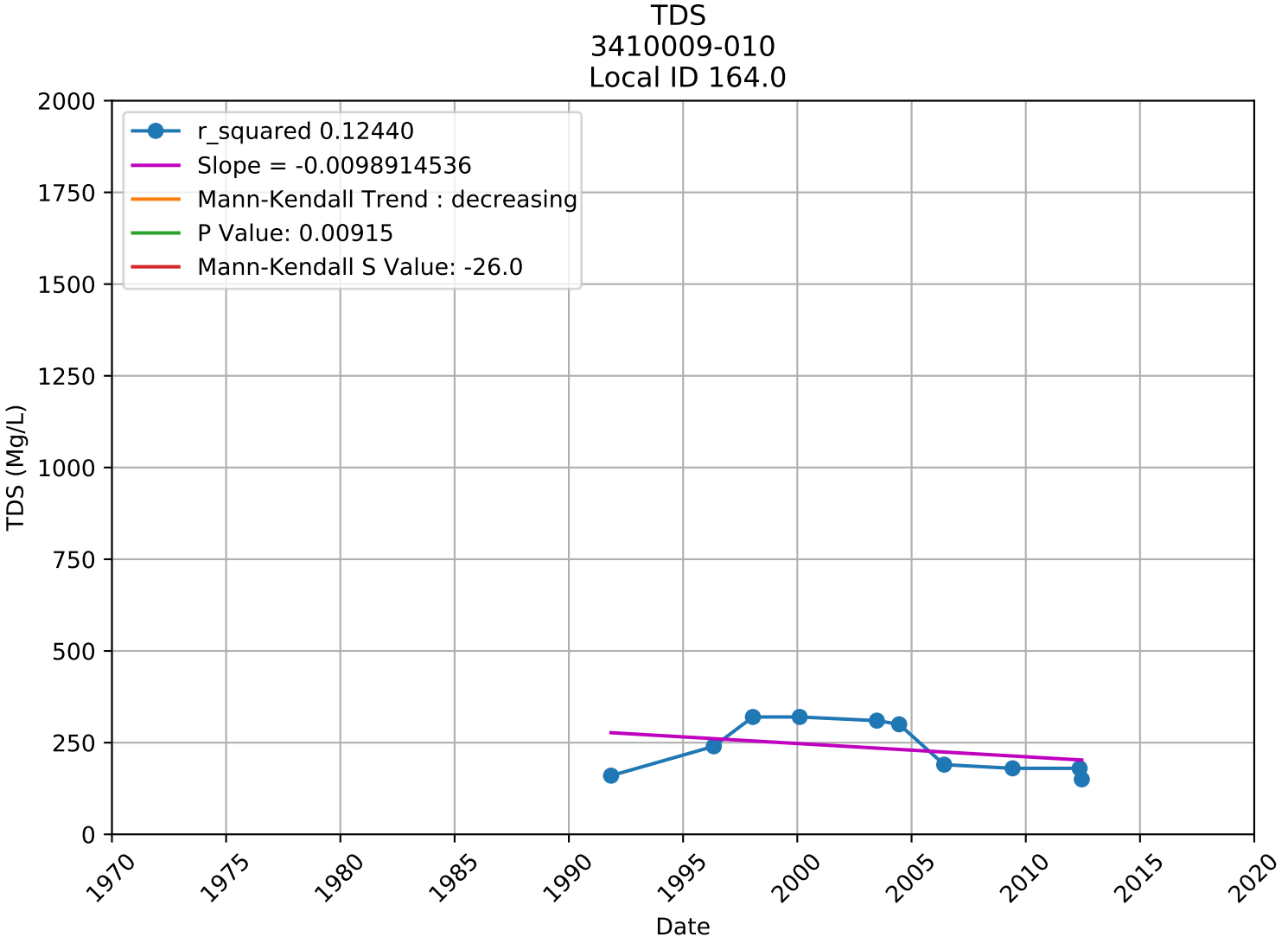

TDS
3410009-004
Local ID 105.0
r_squared 0.49346
Slope = 0.0133279691
Mann-Kendall Trend : no trend
P Value: 0.06029
Mann-Kendall S Value: 11.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

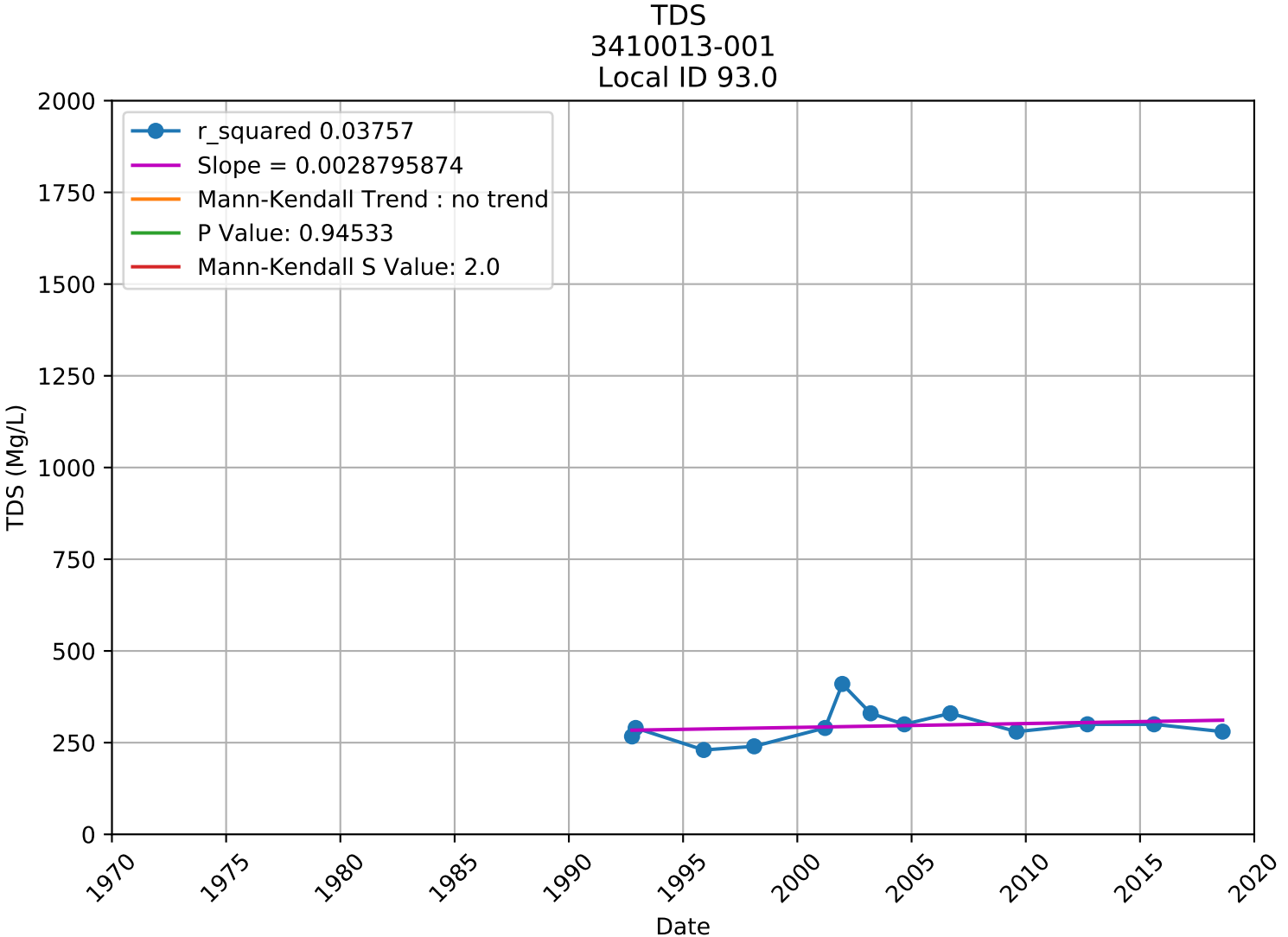

TDS
3410009-005
Local ID 78.0
r_squared 0.31064
Slope = 0.0069972002
Mann-Kendall Trend : no trend
P Value: 0.22067
Mann-Kendall S Value: 6.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

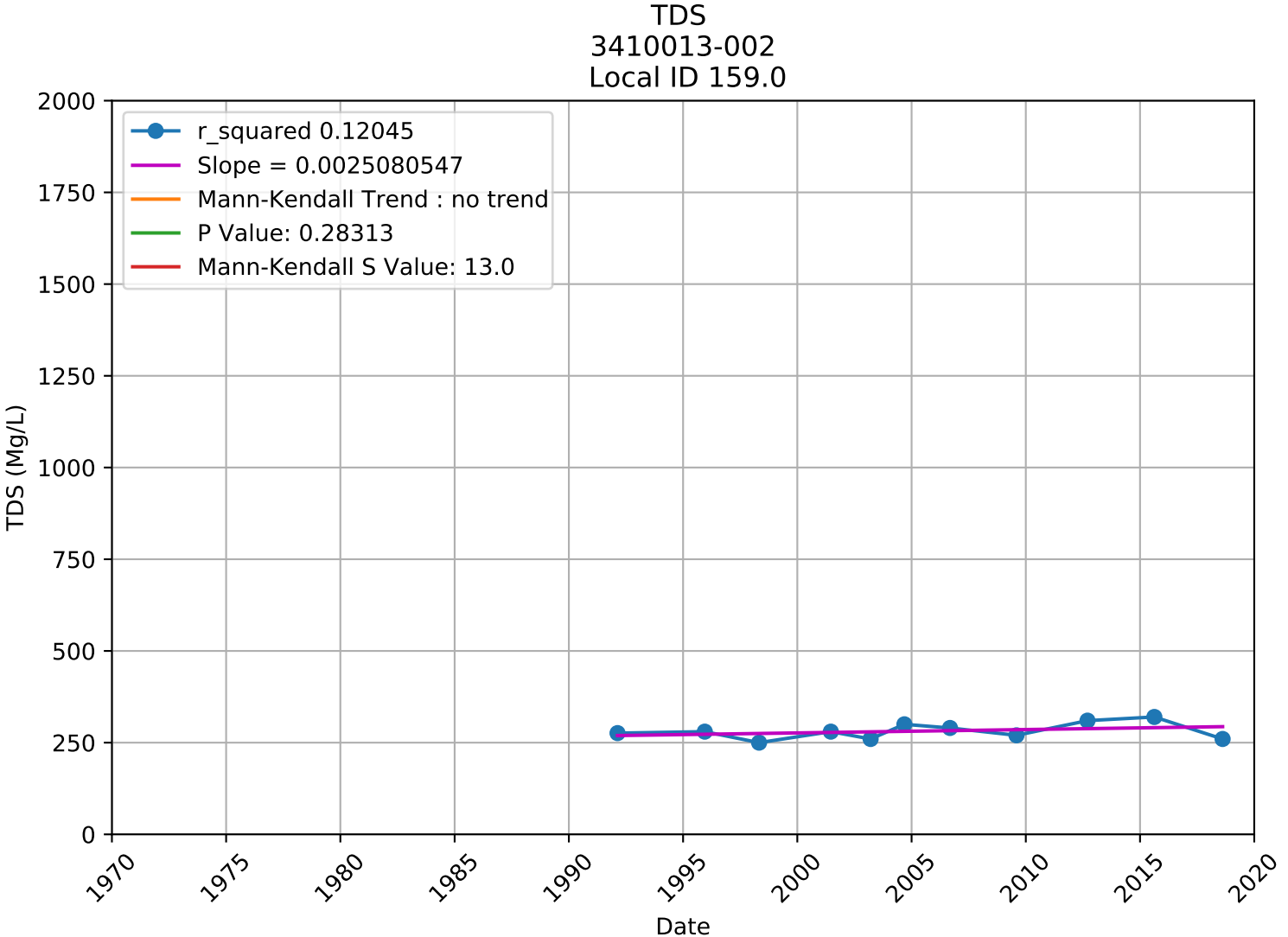

TDS
3410009-006
Local ID 201.0
r_squared 0.04017
Slope = -0.0014693130
Mann-Kendall Trend : decreasing
P Value: 0.04760
Mann-Kendall S Value: -20.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

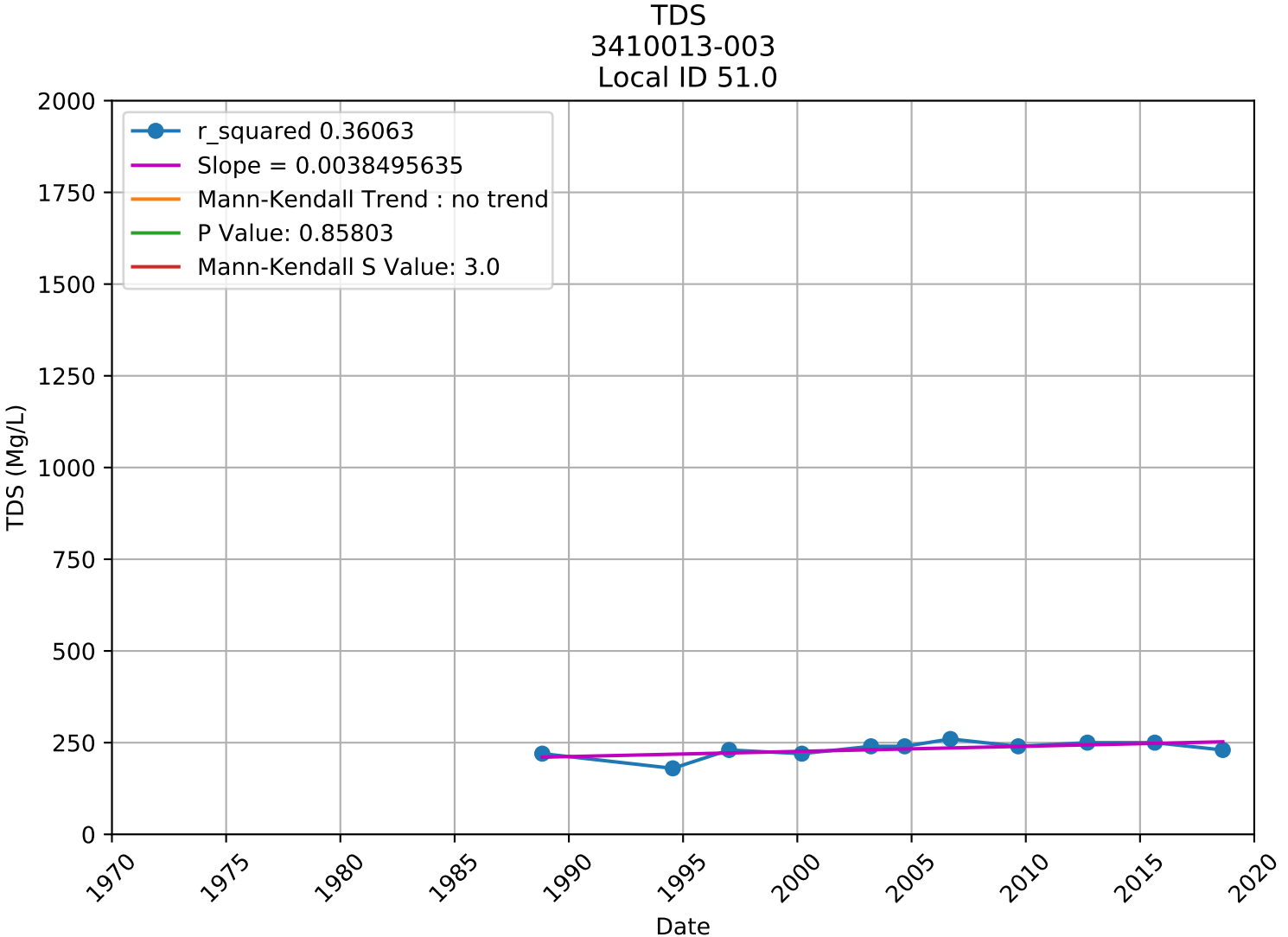

TDS
3410009-007
Local ID 234.0
r_squared 0.15610
Slope = 0.0034704252
Mann-Kendall Trend : no trend
P Value: 0.91478
Mann-Kendall S Value: 2.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

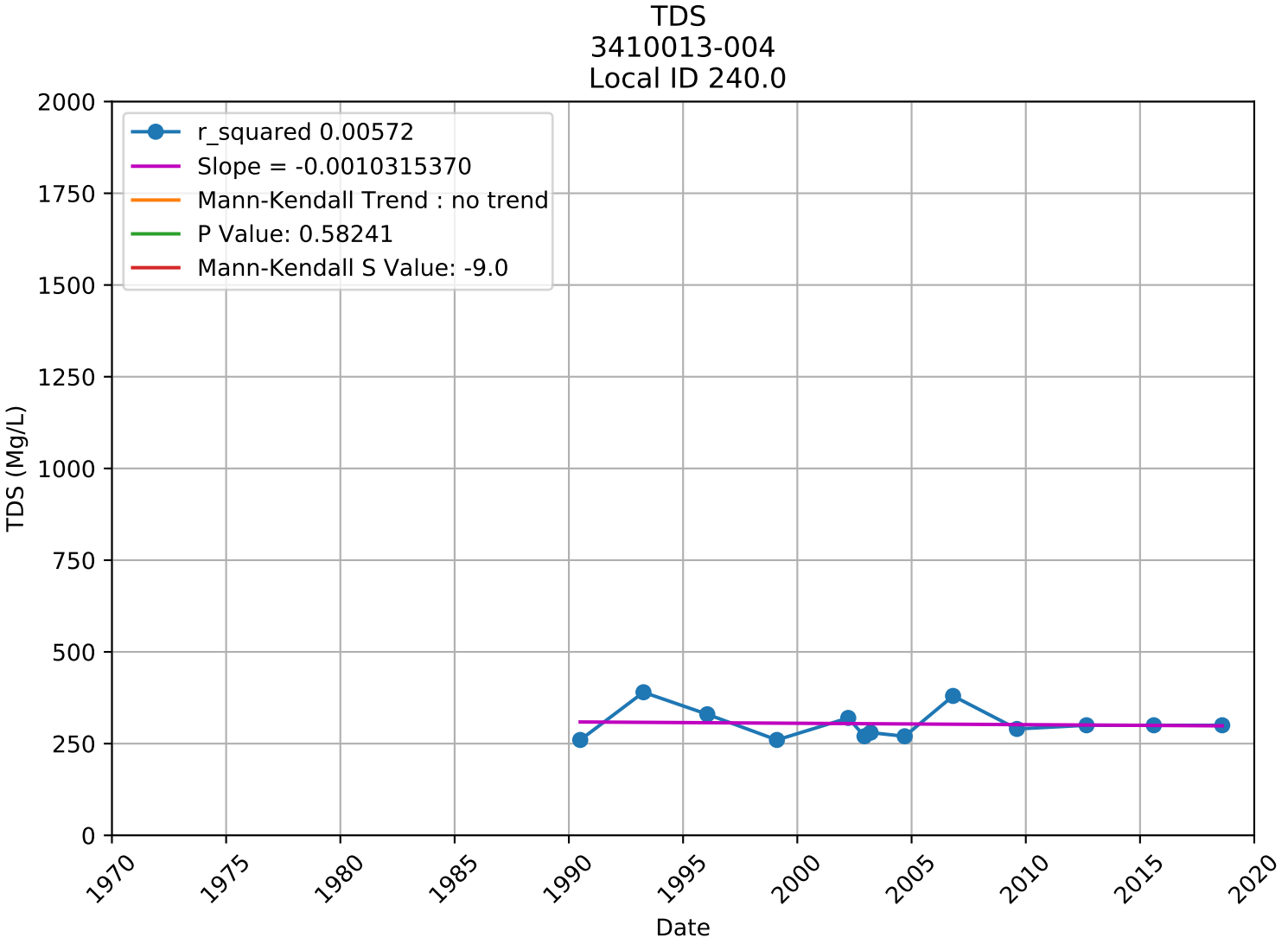

TDS
3410009-008
Local ID 217.0
r_squared 0.37730
Slope = 0.0209089286
Mann-Kendall Trend : increasing
P Value: 0.00853
Mann-Kendall S Value: 15.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

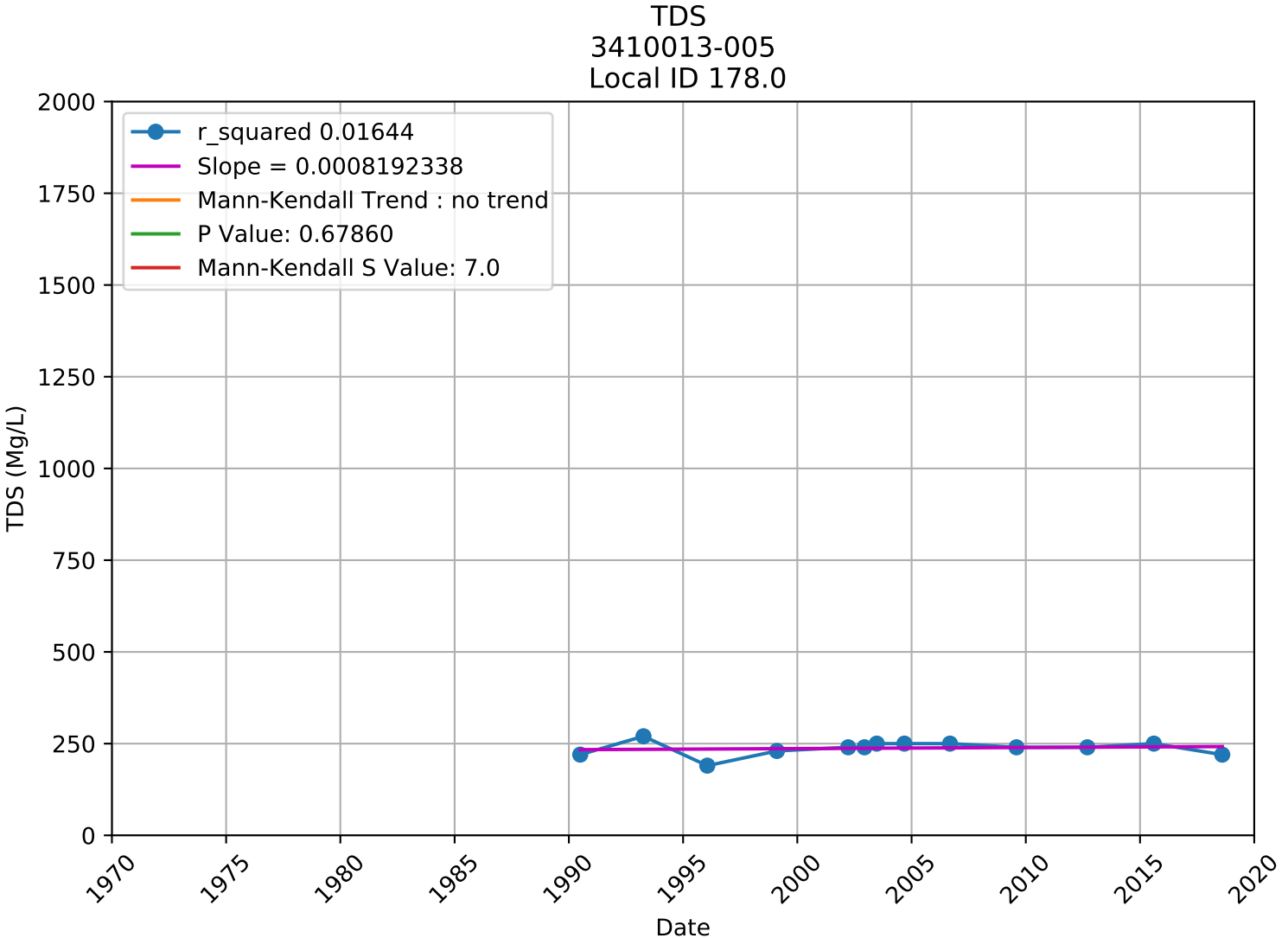

TDS
3410009-010
Local ID 164.0
r_squared 0.12440
Slope = -0.0098914536
Mann-Kendall Trend : decreasing
P Value: 0.00915
Mann-Kendall S Value: -26.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

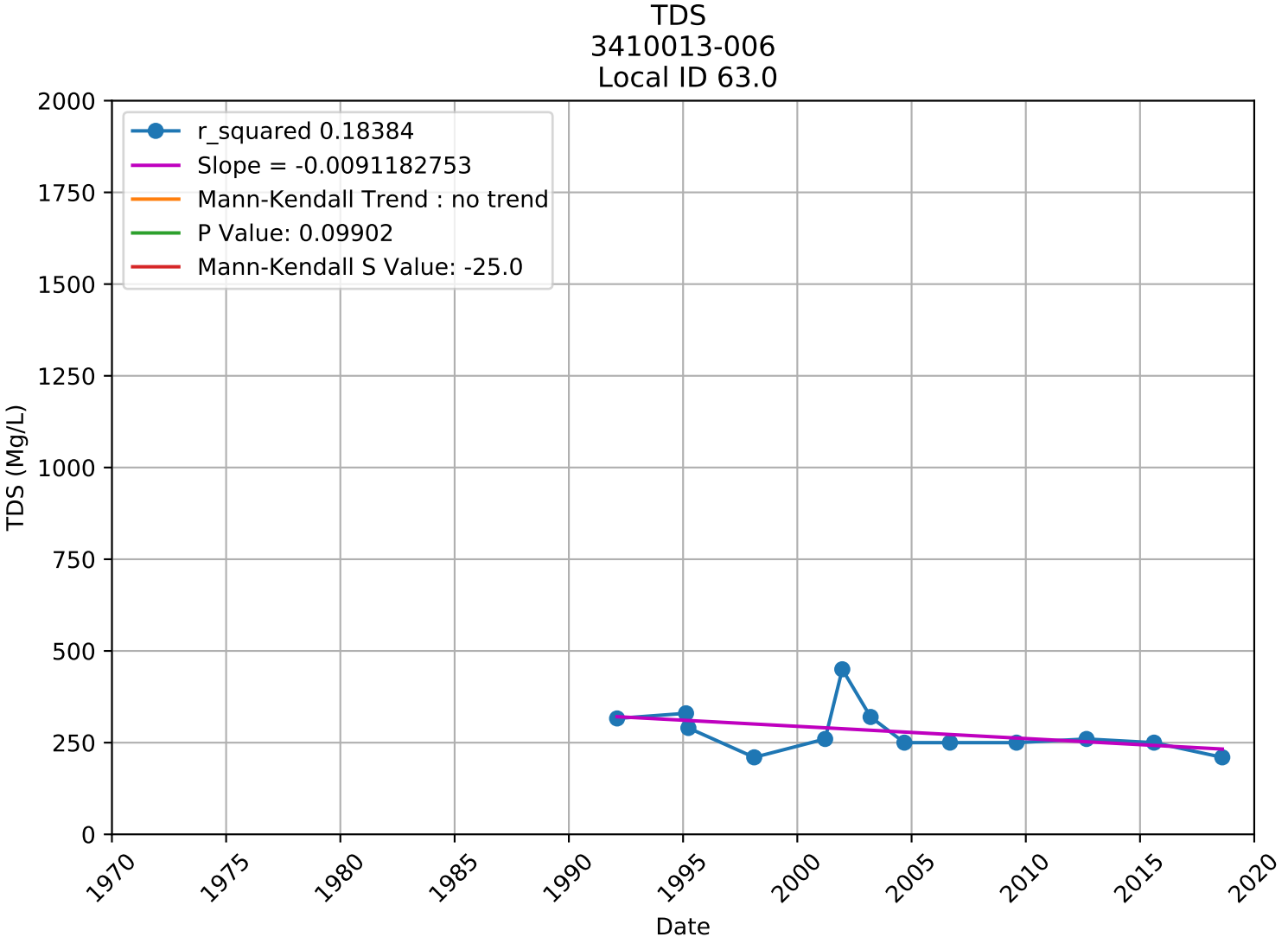

TDS
3410013-001
Local ID 93.0
r_squared 0.03757
Slope = 0.0028795874
Mann-Kendall Trend : no trend
P Value: 0.94533
Mann-Kendall S Value: 2.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

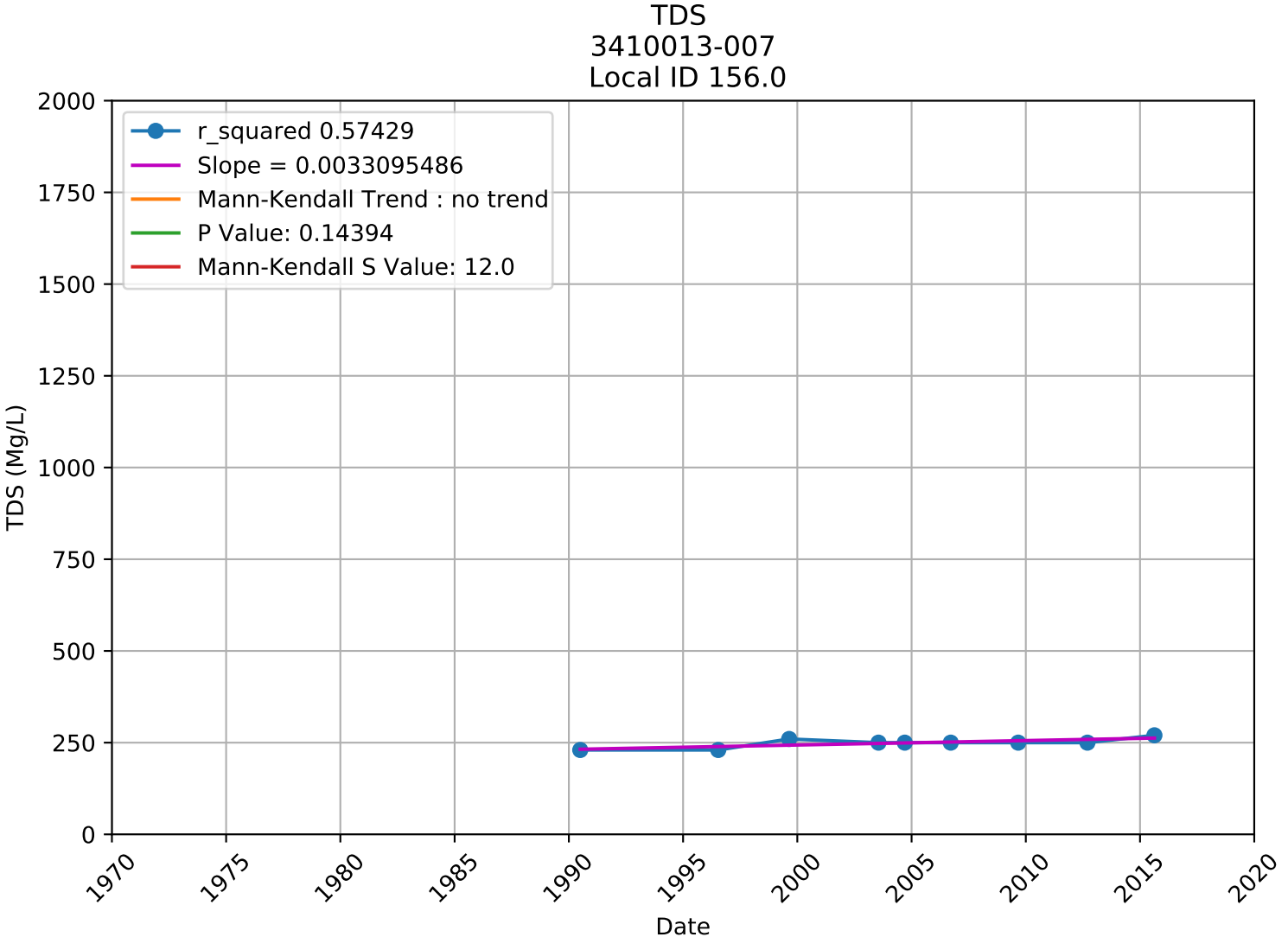

TDS
3410013-002
Local ID 159.0
r_squared 0.12045
Slope = 0.0025080547
Mann-Kendall Trend : no trend
P Value: 0.28313
Mann-Kendall S Value: 13.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

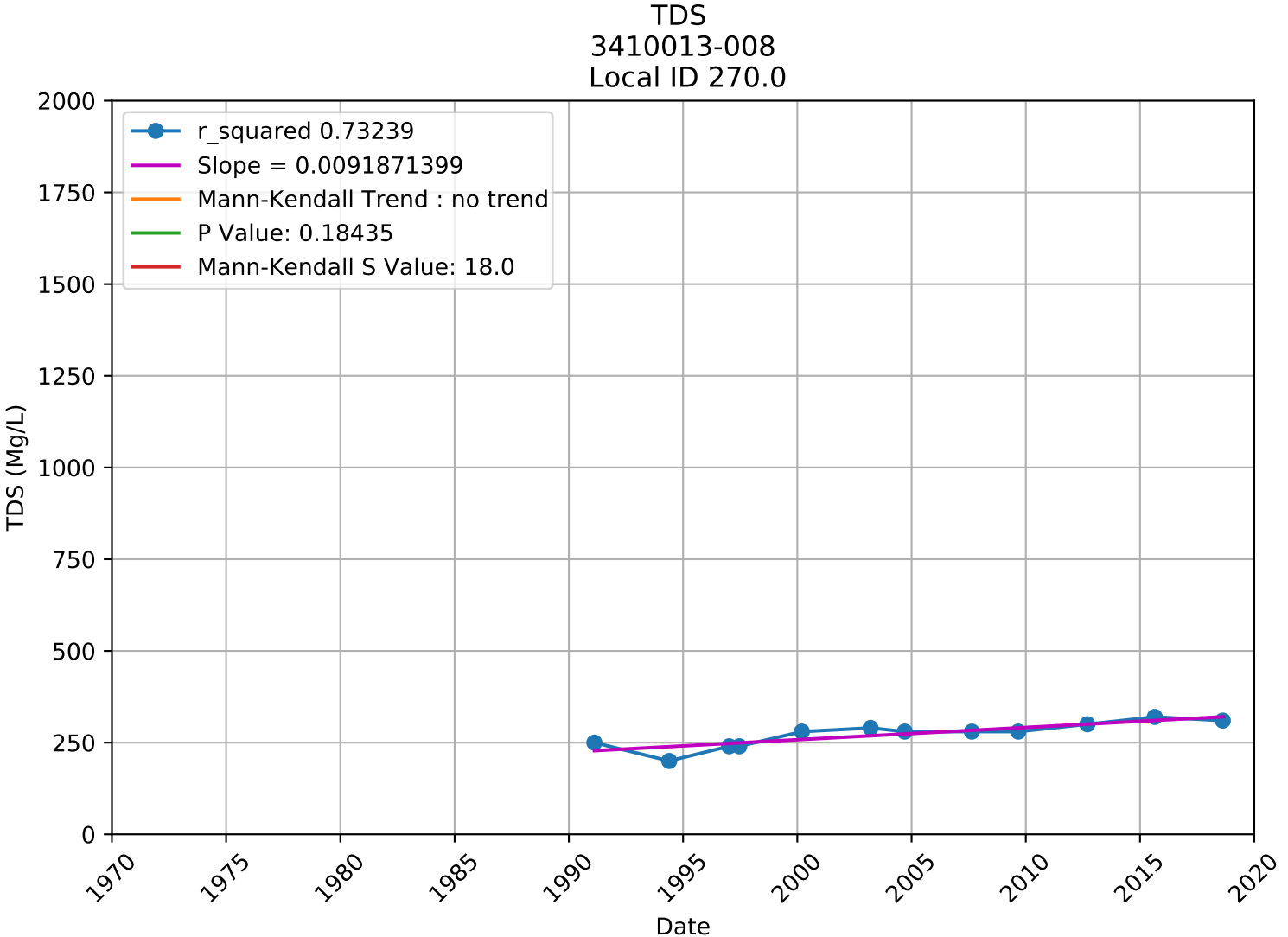

TDS
3410013-003
Local ID 51.0
r_squared 0.36063
Slope = 0.0038495635
Mann-Kendall Trend : no trend
P Value: 0.85803
Mann-Kendall S Value: 3.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

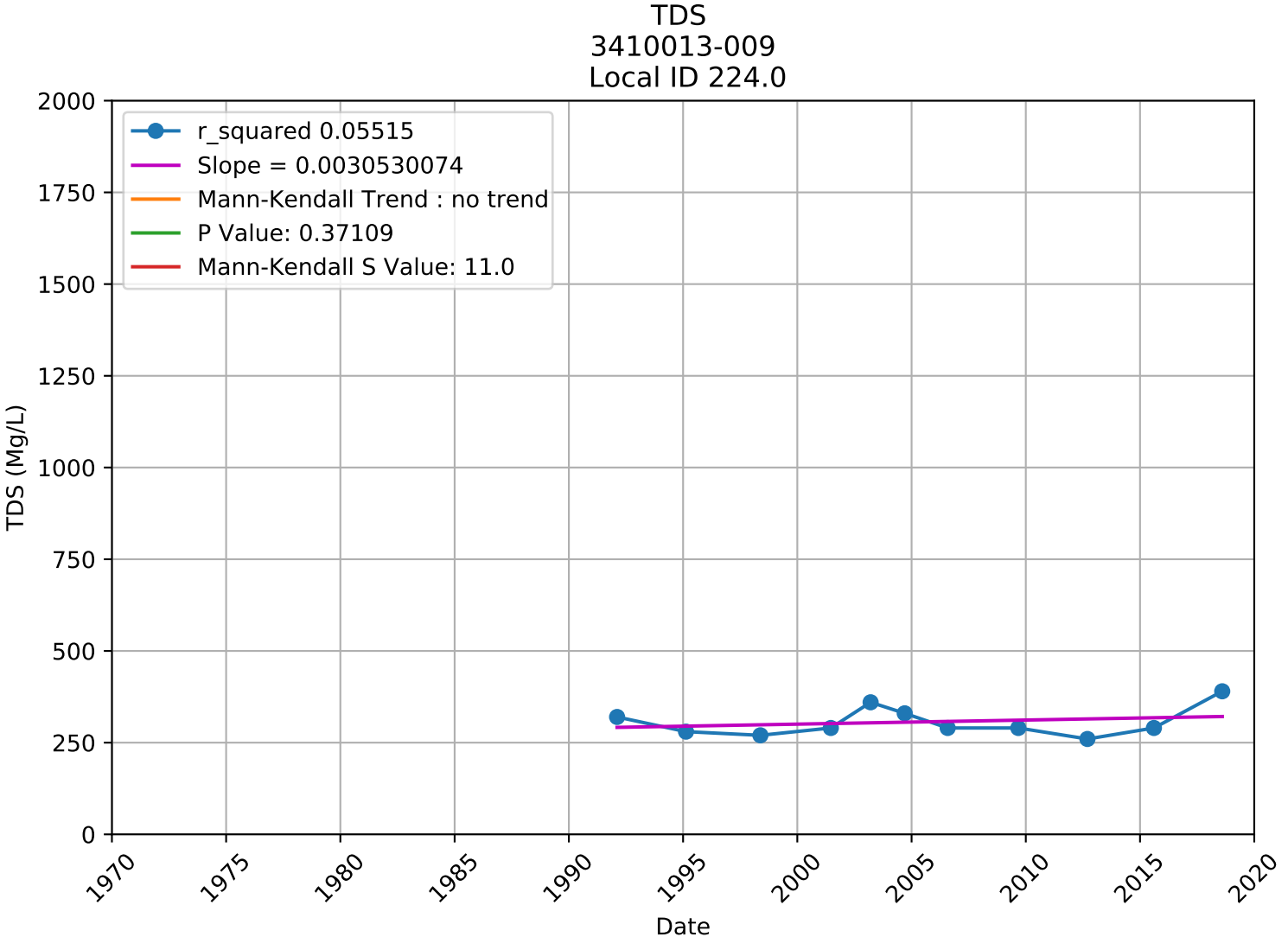

TDS
3410013-004
Local ID 240.0
r_squared 0.00572
Slope = -0.0010315370
Mann-Kendall Trend : no trend
P Value: 0.58241
Mann-Kendall S Value: -9.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

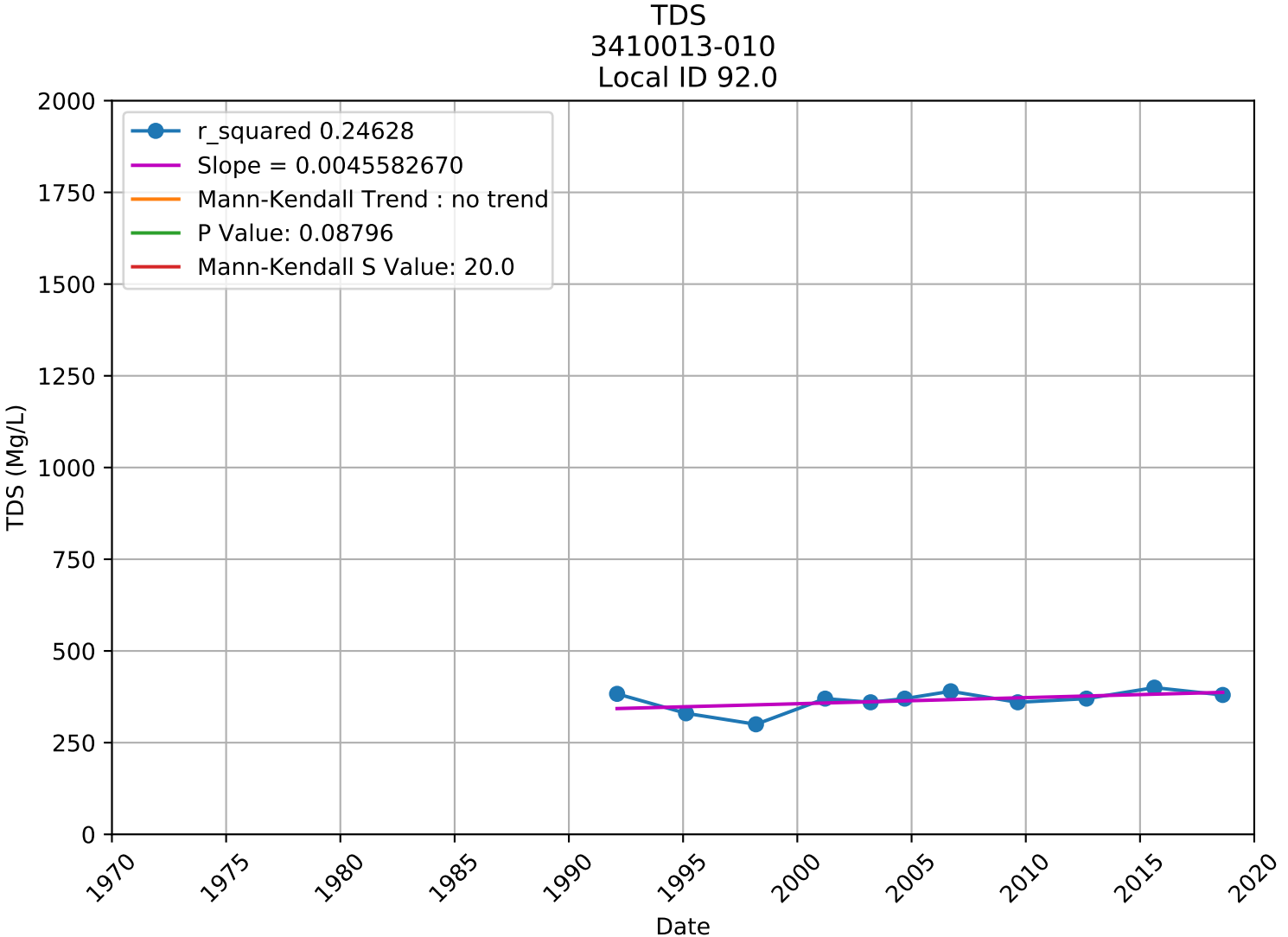

TDS
3410013-005
Local ID 178.0
r_squared 0.01644
Slope = 0.0008192338
Mann-Kendall Trend : no trend
P Value: 0.67860
Mann-Kendall S Value: 7.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

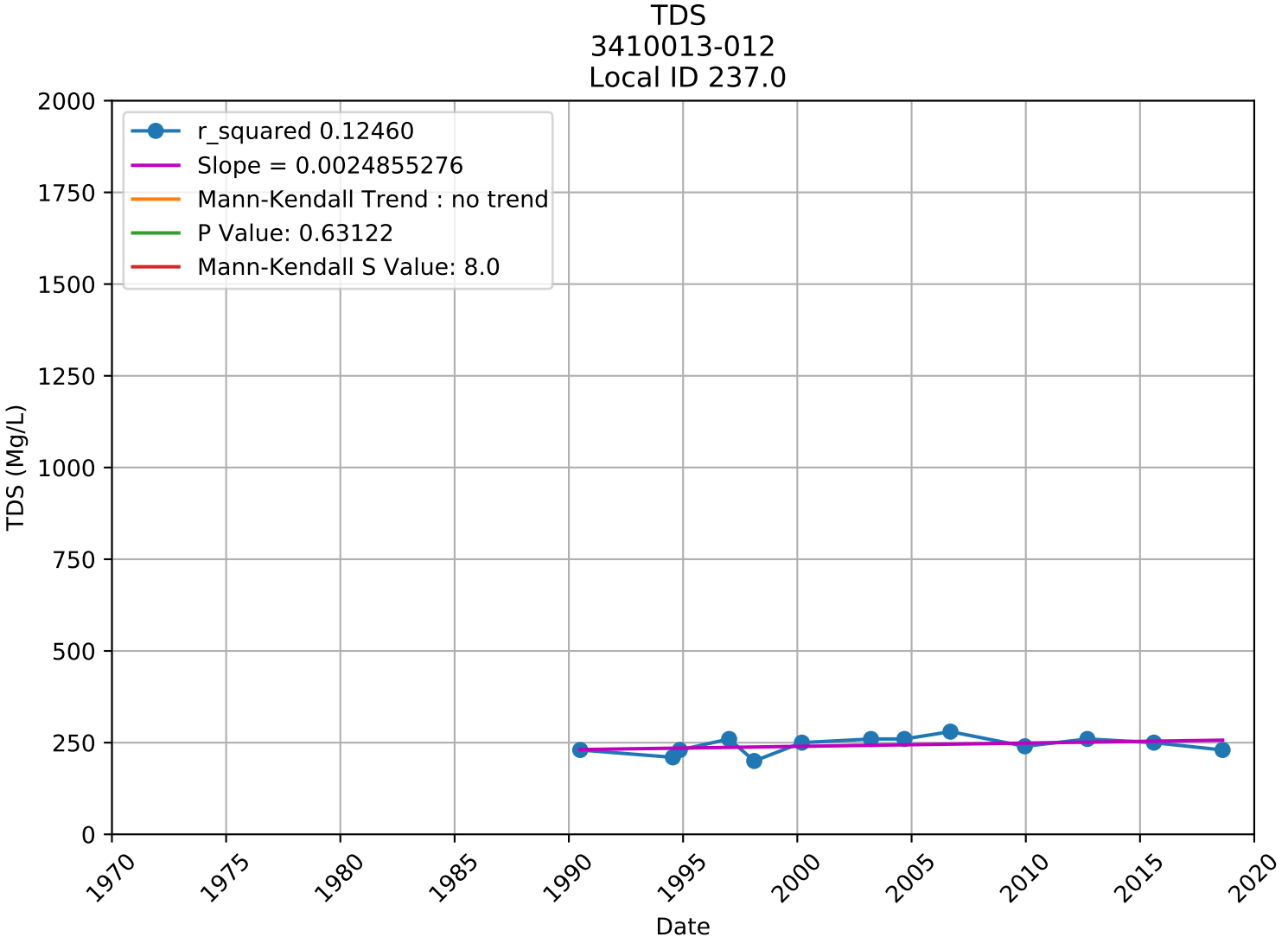

TDS
3410013-006
Local ID 63.0
r_squared 0.18384
Slope = -0.0091182753
Mann-Kendall Trend : no trend
P Value: 0.09902
Mann-Kendall S Value: -25.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

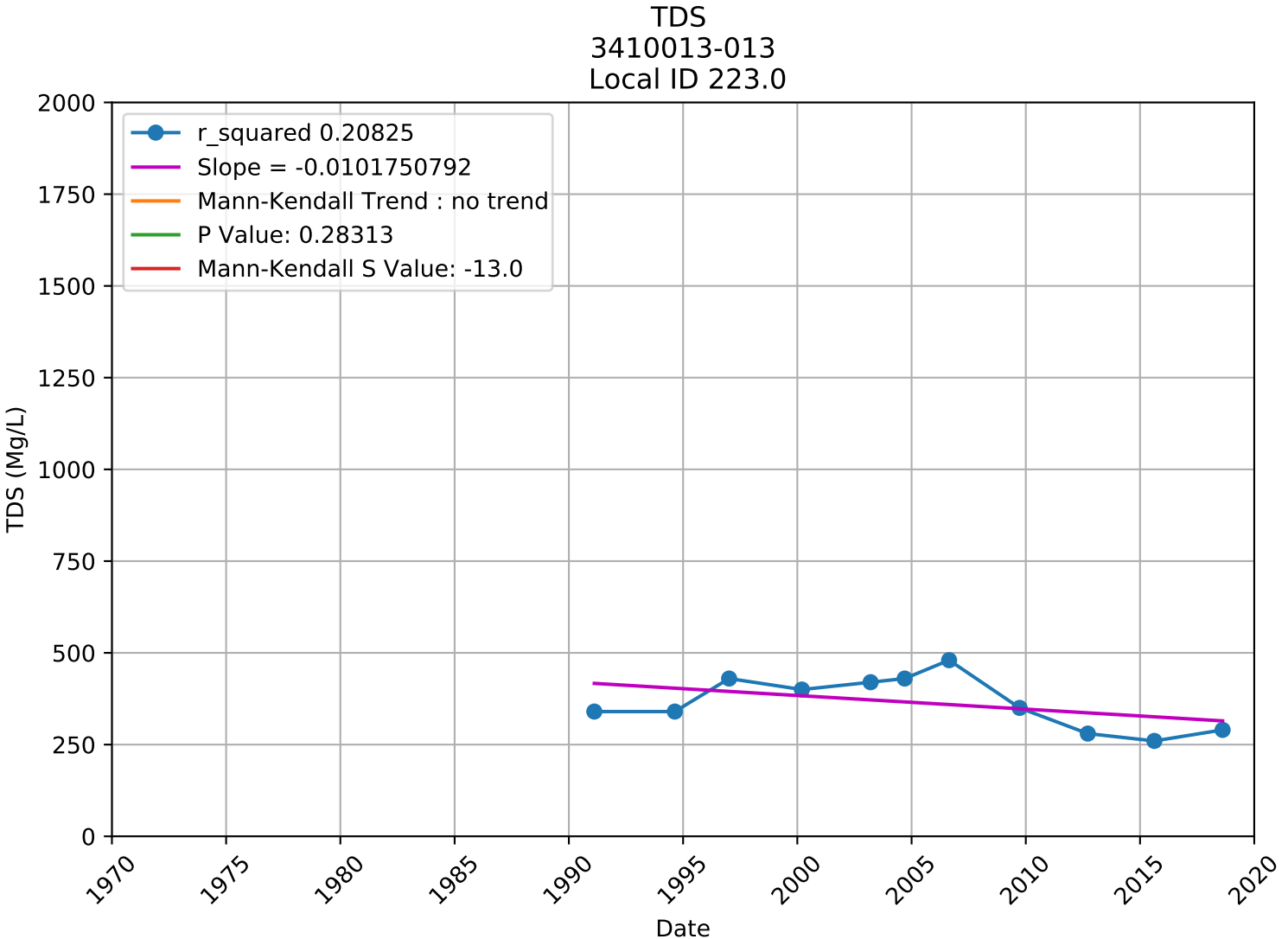

TDS
3410013-007
Local ID 156.0
r_squared 0.57429
Slope = 0.0033095486
Mann-Kendall Trend : no trend
P Value: 0.14394
Mann-Kendall S Value: 12.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

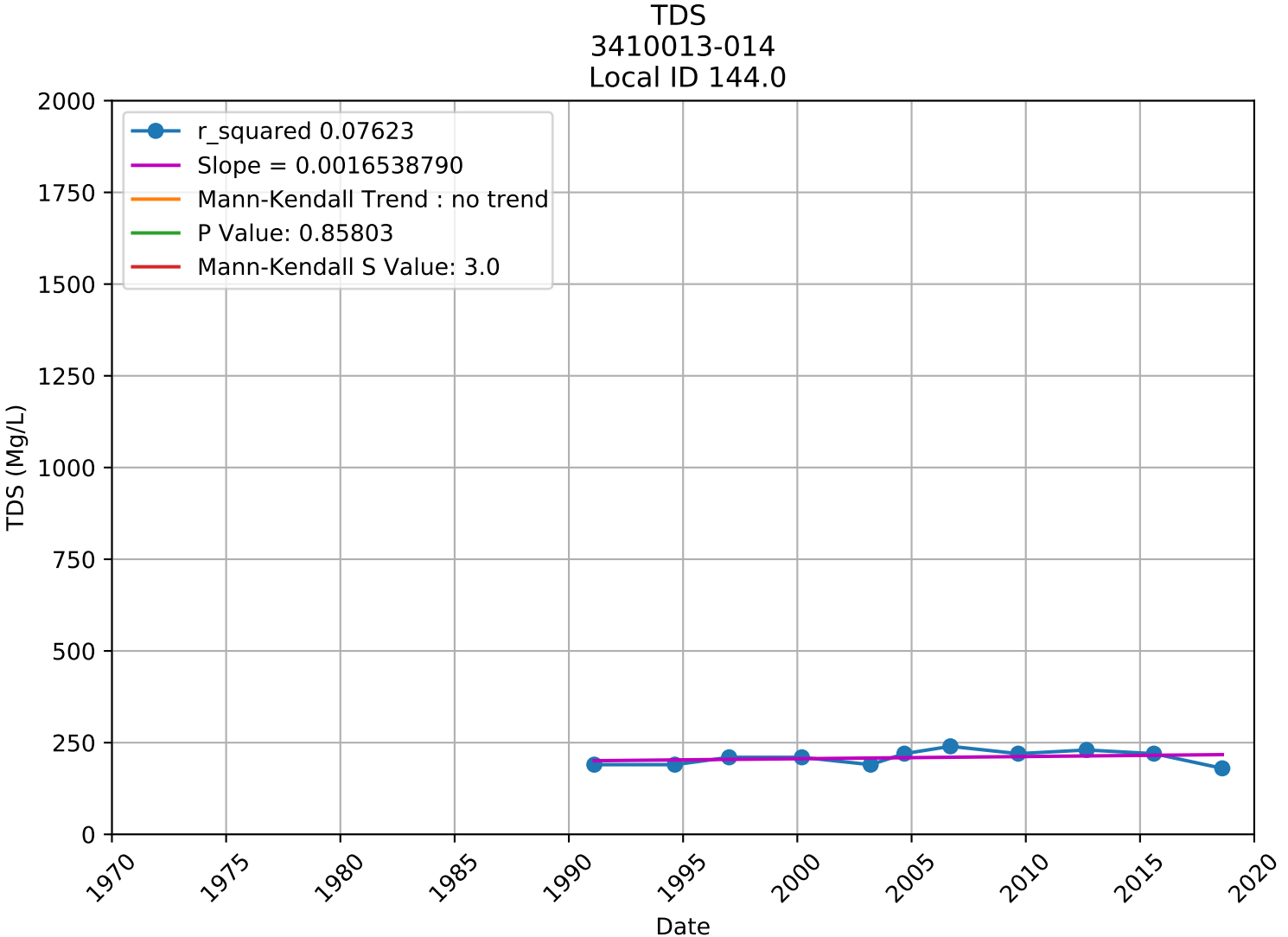

TDS
3410013-008
Local ID 270.0
r_squared 0.73239
Slope = 0.0091871399
Mann-Kendall Trend : no trend
P Value: 0.18435
Mann-Kendall S Value: 18.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

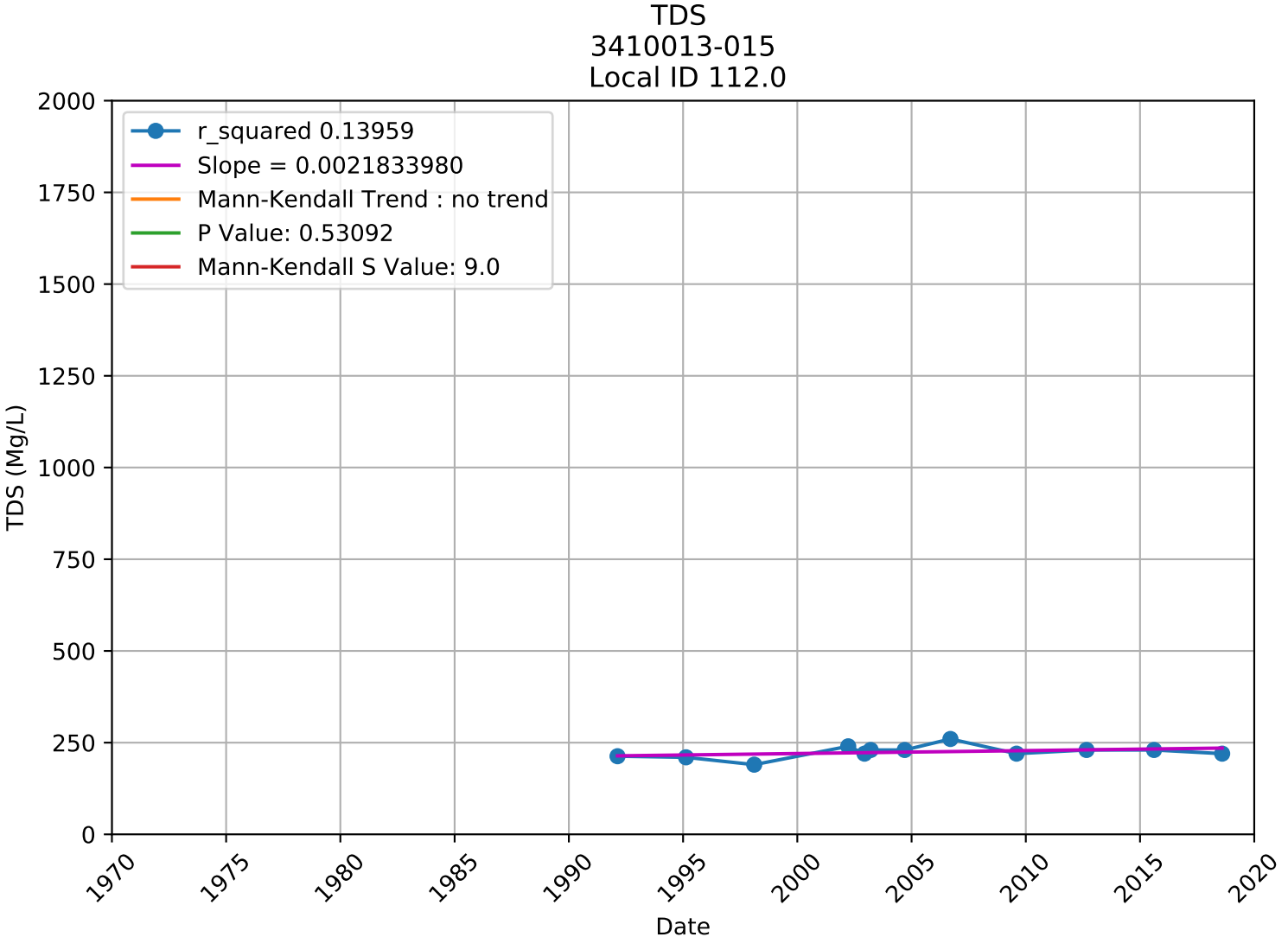

TDS
3410013-009
Local ID 224.0
r_squared 0.05515
Slope = 0.0030530074
Mann-Kendall Trend : no trend
P Value: 0.37109
Mann-Kendall S Value: 11.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

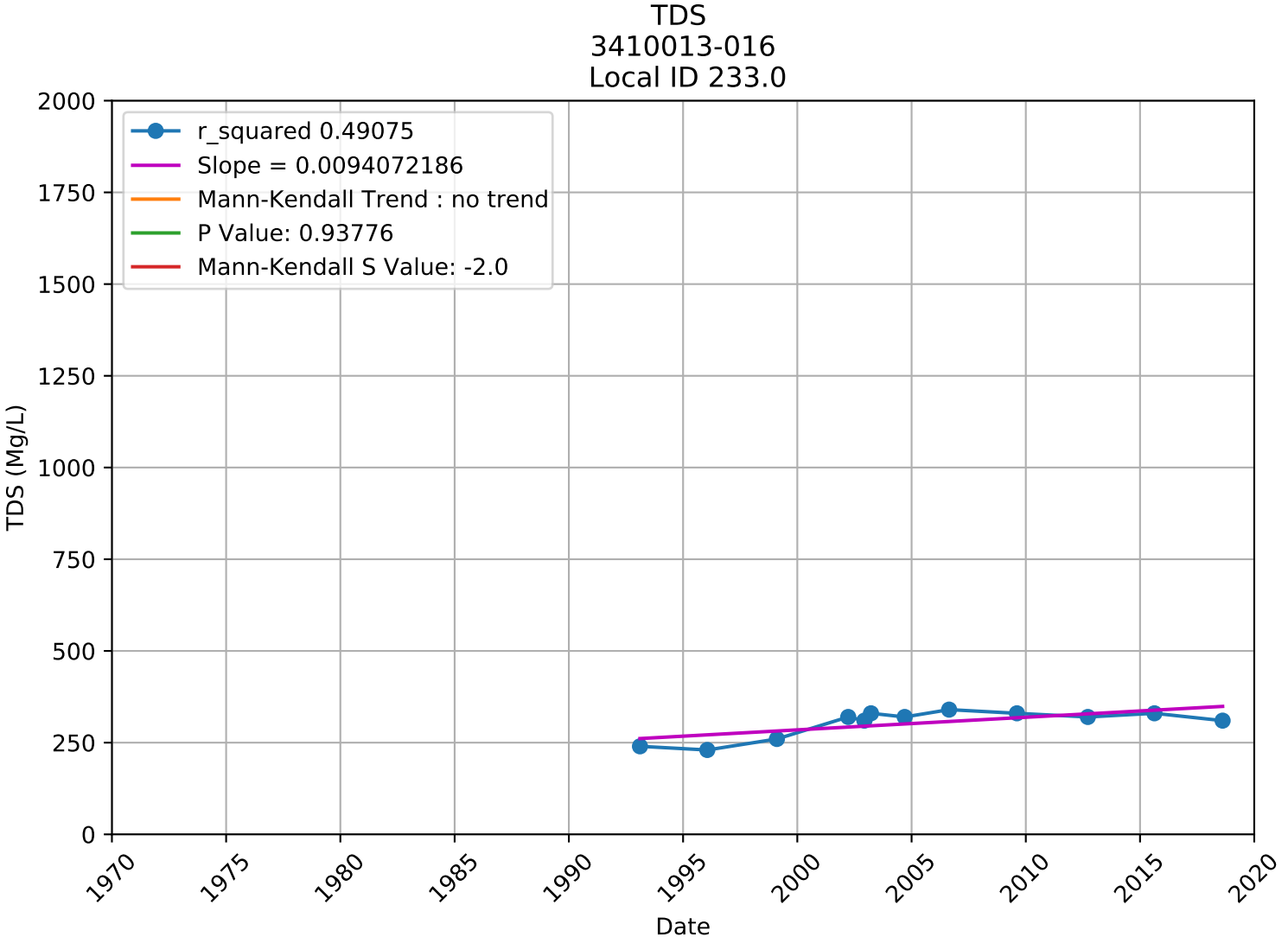

TDS
3410013-010
Local ID 92.0
r_squared 0.24628
Slope = 0.0045582670
Mann-Kendall Trend : no trend
P Value: 0.08796
Mann-Kendall S Value: 20.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

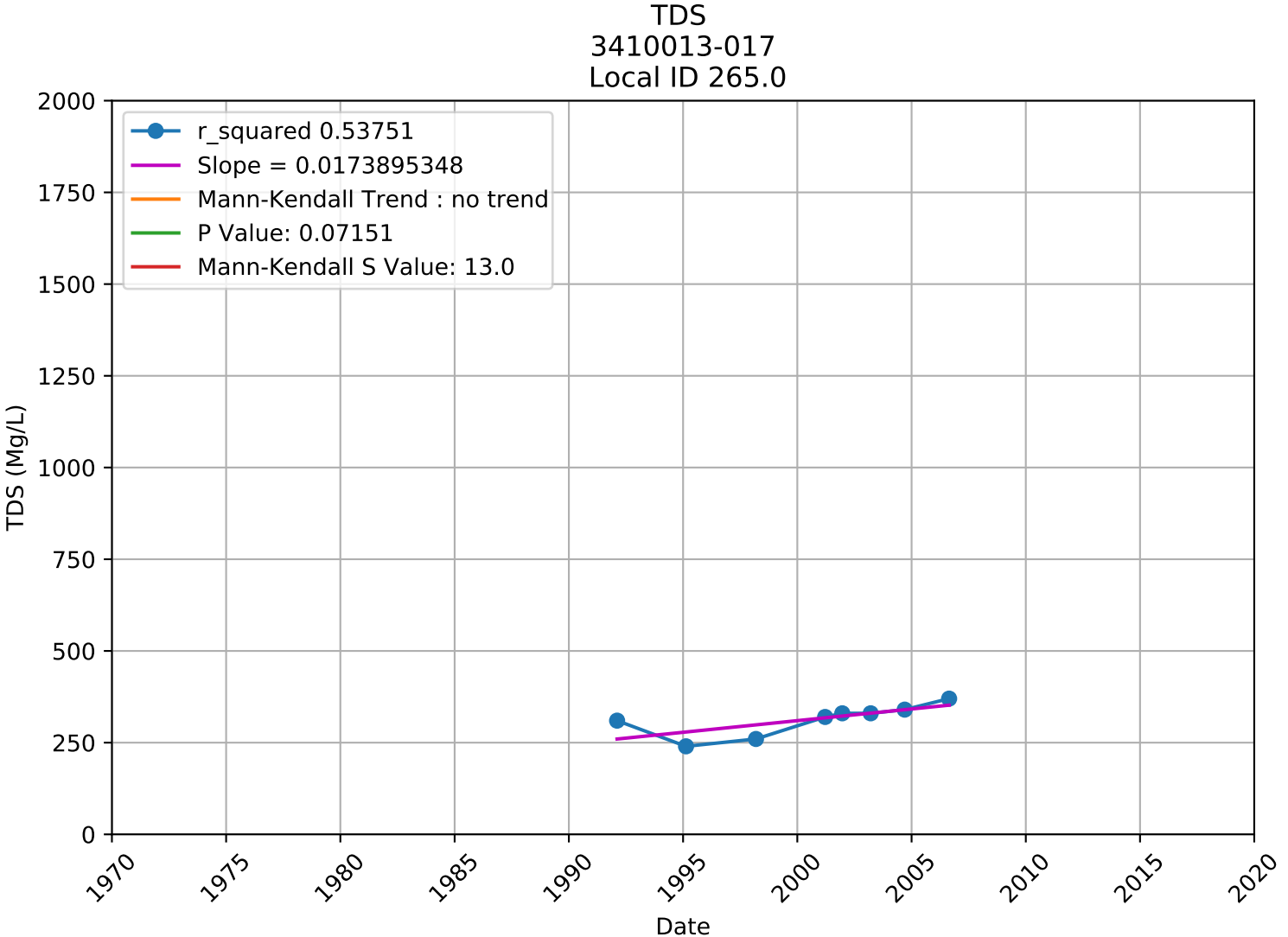

TDS
3410013-012
Local ID 237.0
r_squared 0.12460
Slope = 0.0024855276
Mann-Kendall Trend : no trend
P Value: 0.63122
Mann-Kendall S Value: 8.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
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1995
2000
2005
2010
2015
2020

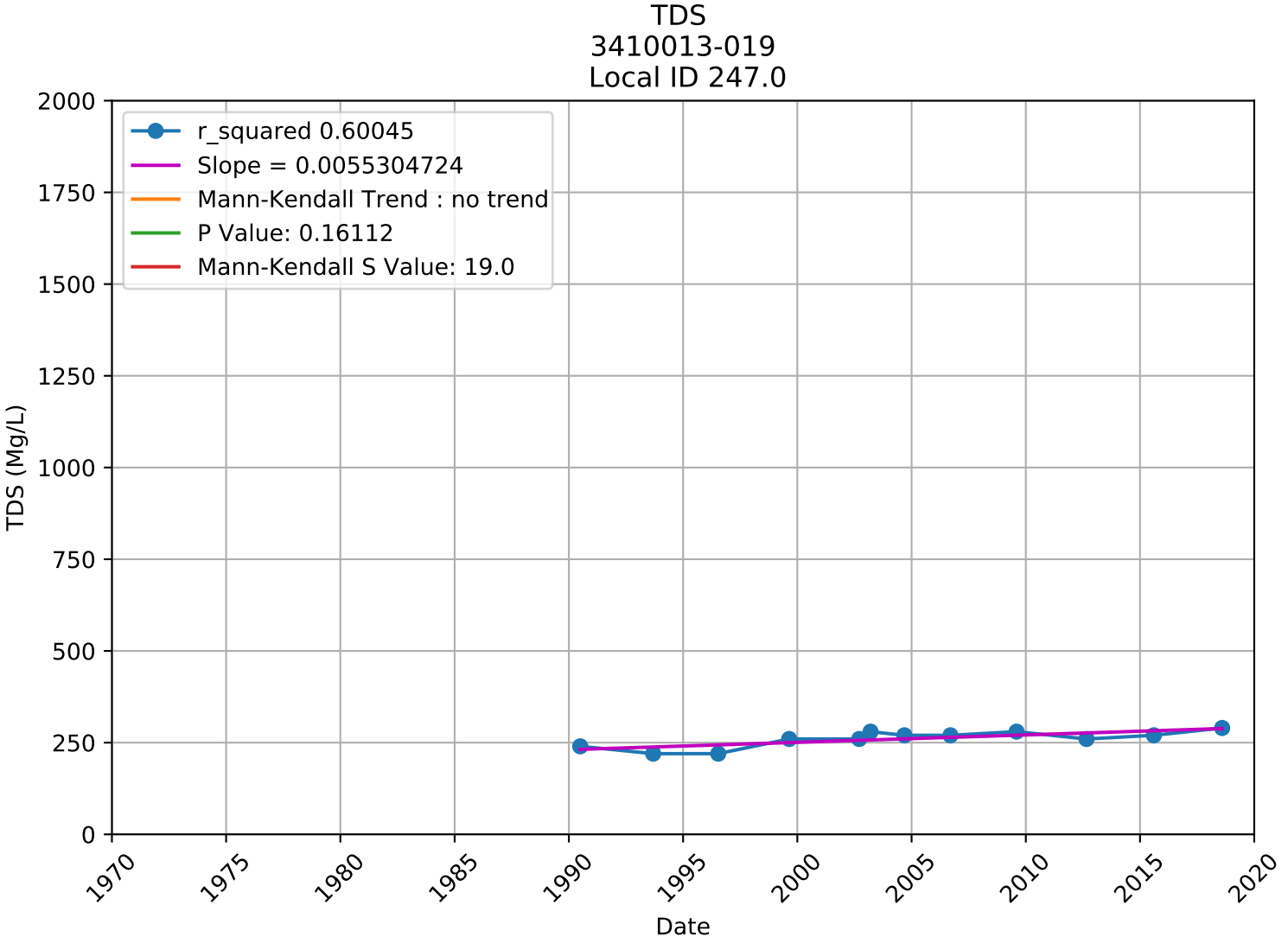

TDS
3410013-013
Local ID 223.0
r_squared 0.20825
Slope = -0.0101750792
Mann-Kendall Trend : no trend
P Value: 0.28313
Mann-Kendall S Value: -13.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

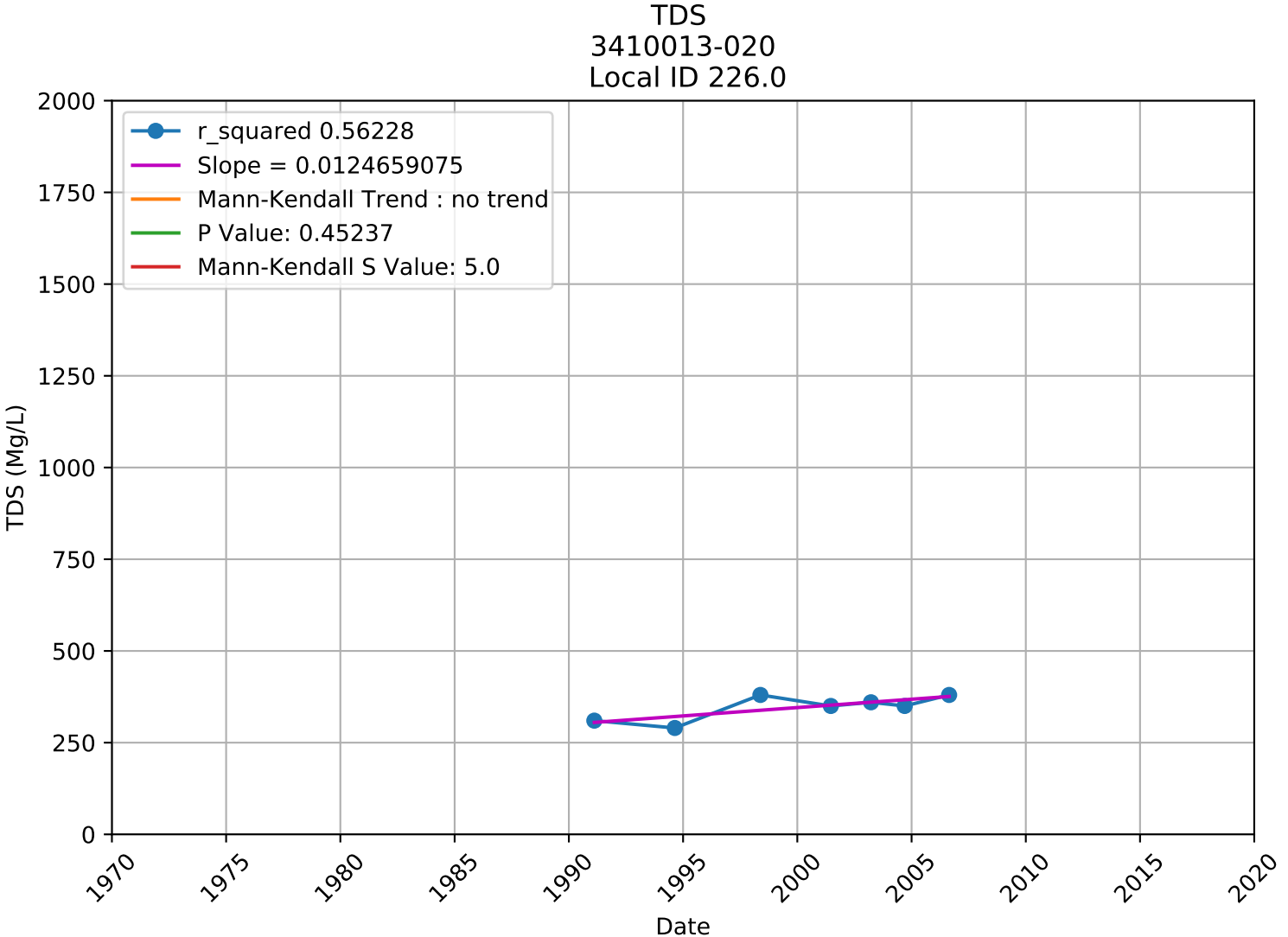

TDS
3410013-014
Local ID 144.0
r_squared 0.07623
Slope = 0.0016538790
Mann-Kendall Trend : no trend
P Value: 0.85803
Mann-Kendall S Value: 3.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

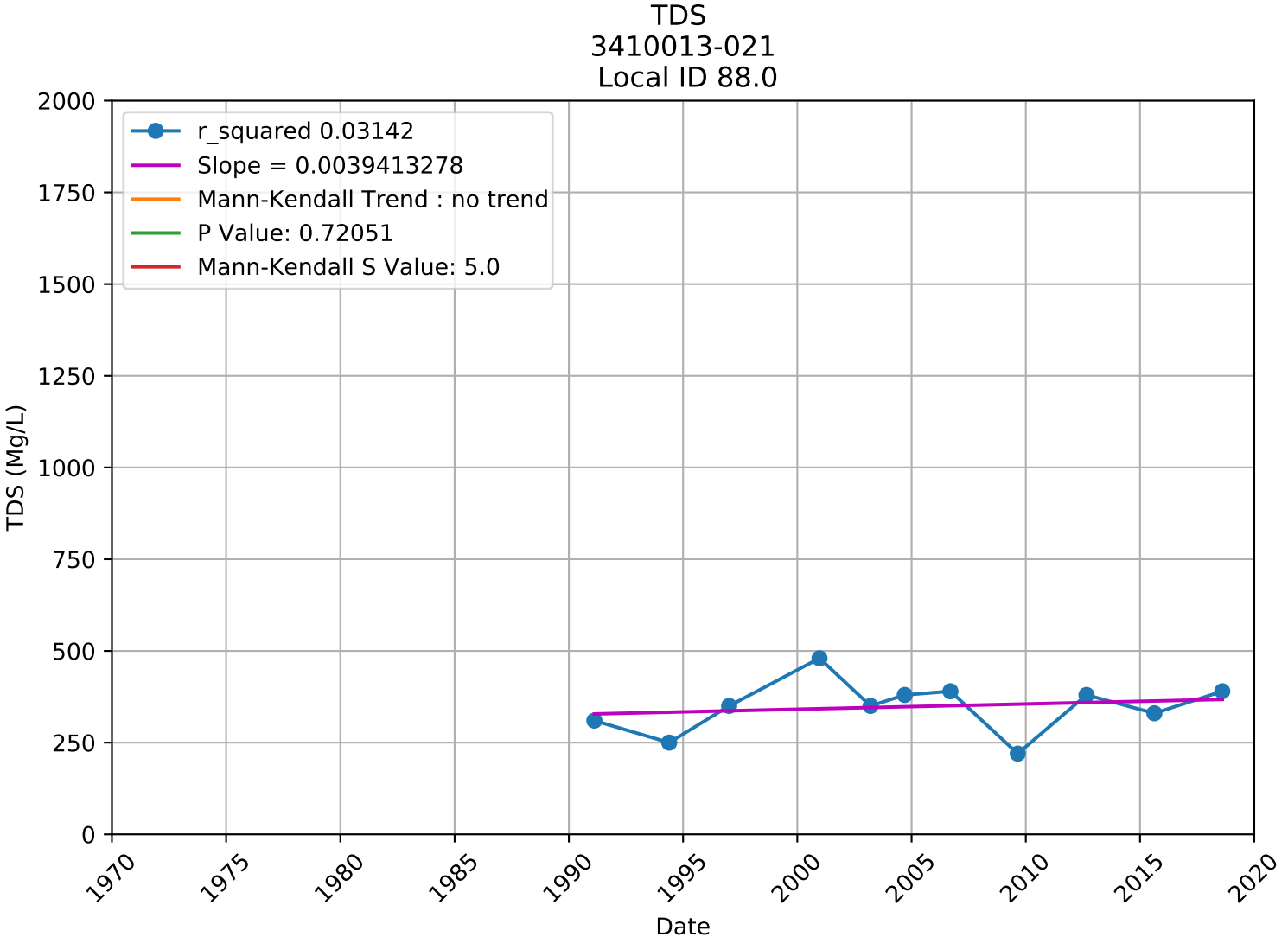

TDS
3410013-015
Local ID 112.0
r_squared 0.13959
Slope = 0.0021833980
Mann-Kendall Trend : no trend
P Value: 0.53092
Mann-Kendall S Value: 9.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

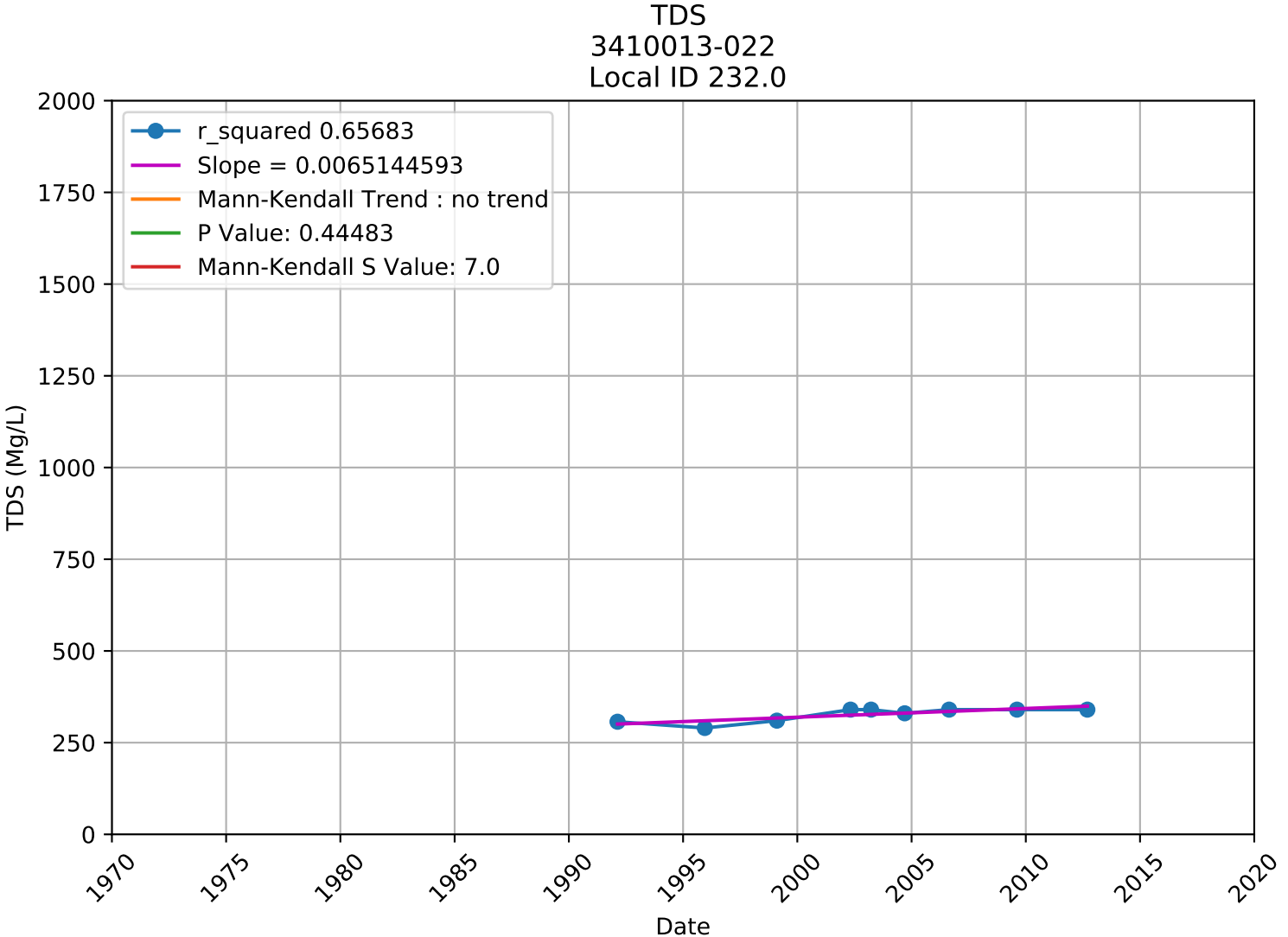

TDS
3410013-016
Local ID 233.0
r_squared 0.49075
Slope = 0.0094072186
Mann-Kendall Trend : no trend
P Value: 0.93776
Mann-Kendall S Value: -2.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

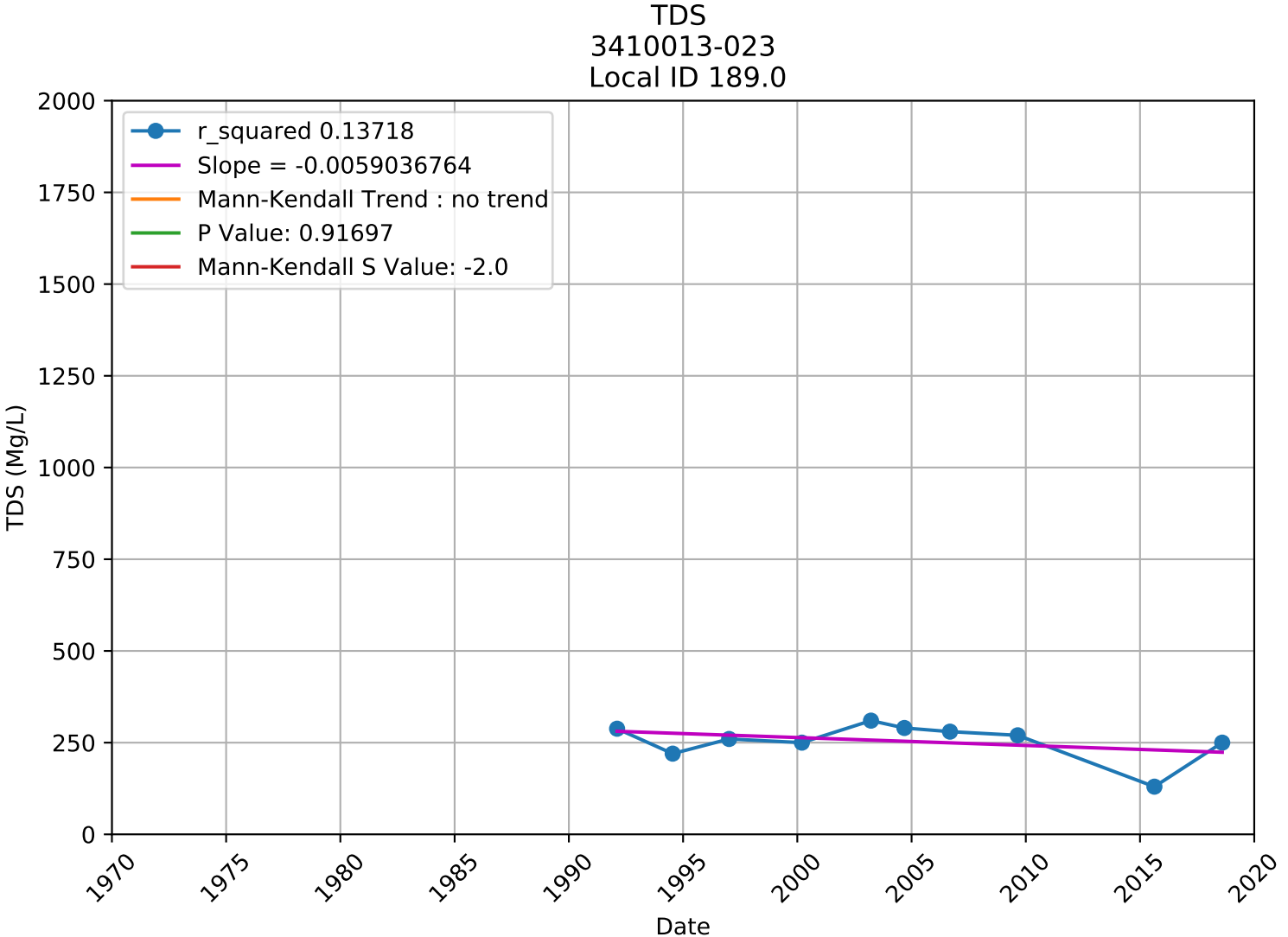

TDS
3410013-017
Local ID 265.0
r_squared 0.53751
Slope = 0.0173895348
Mann-Kendall Trend : no trend
P Value: 0.07151
Mann-Kendall S Value: 13.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

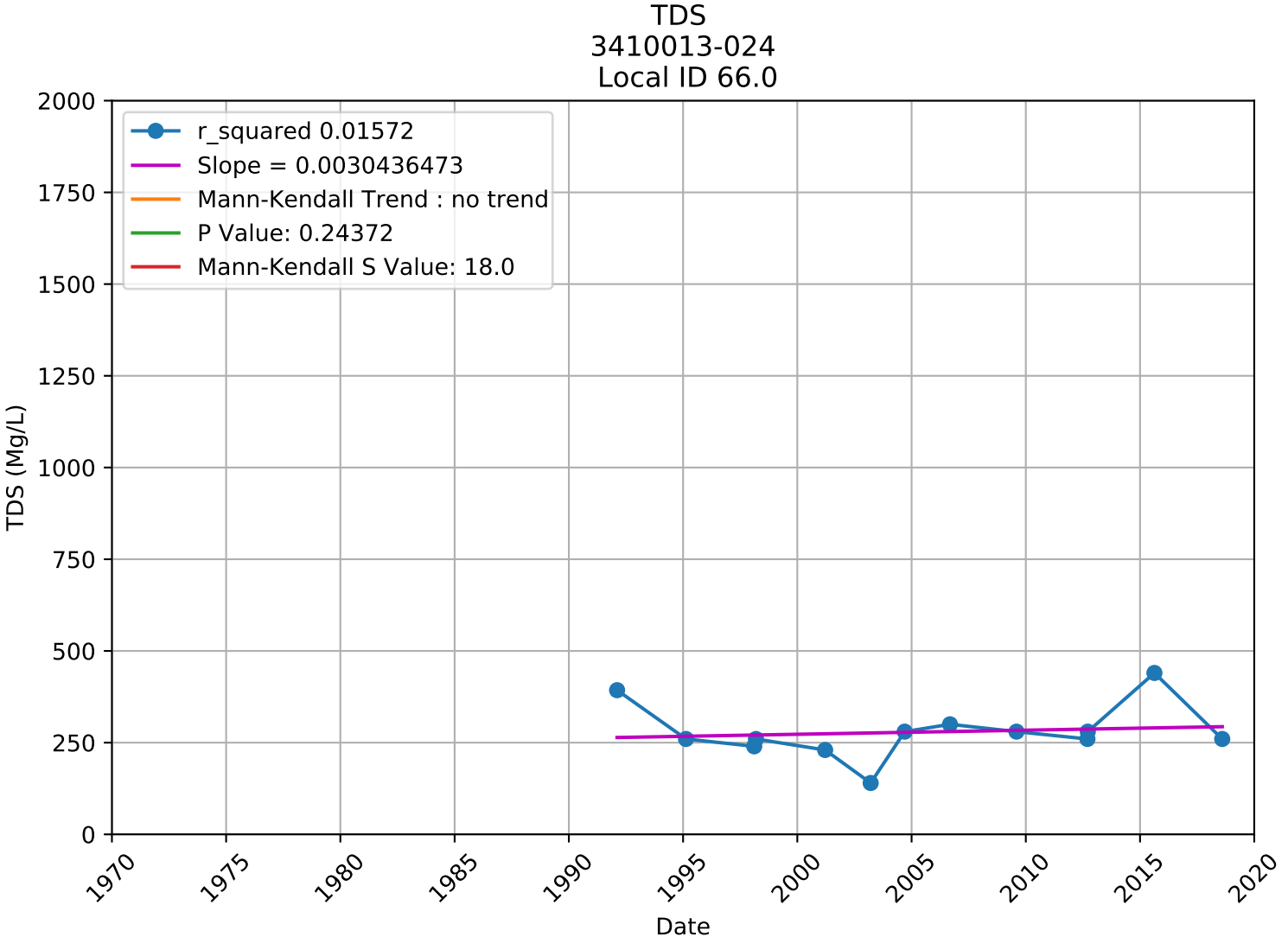

TDS
3410013-019
Local ID 247.0
r_squared 0.60045
Slope = 0.0055304724
Mann-Kendall Trend : no trend
P Value: 0.16112
Mann-Kendall S Value: 19.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

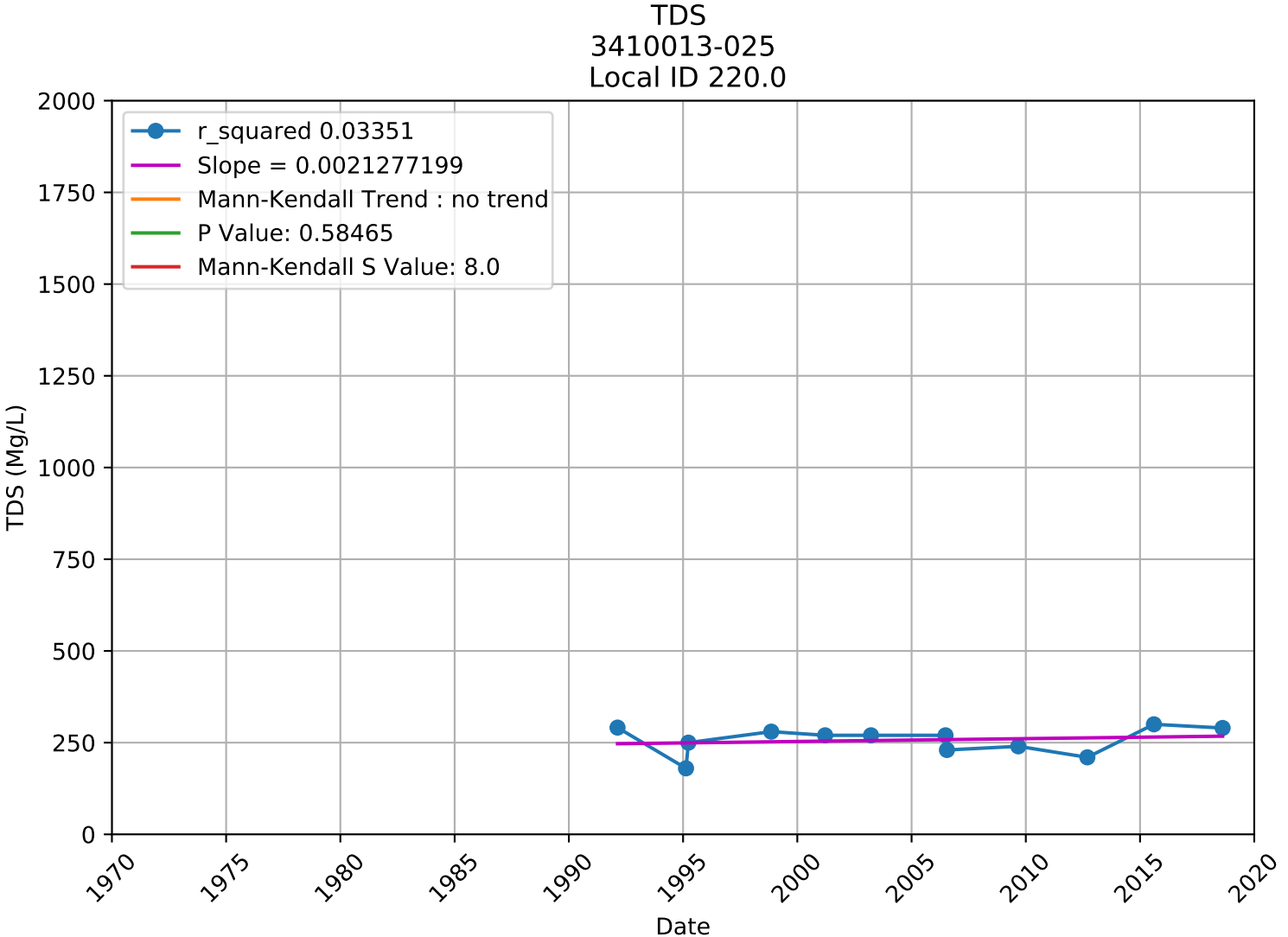

TDS
3410013-020
Local ID 226.0
r_squared 0.56228
Slope = 0.0124659075
Mann-Kendall Trend : no trend
P Value: 0.45237
Mann-Kendall S Value: 5.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

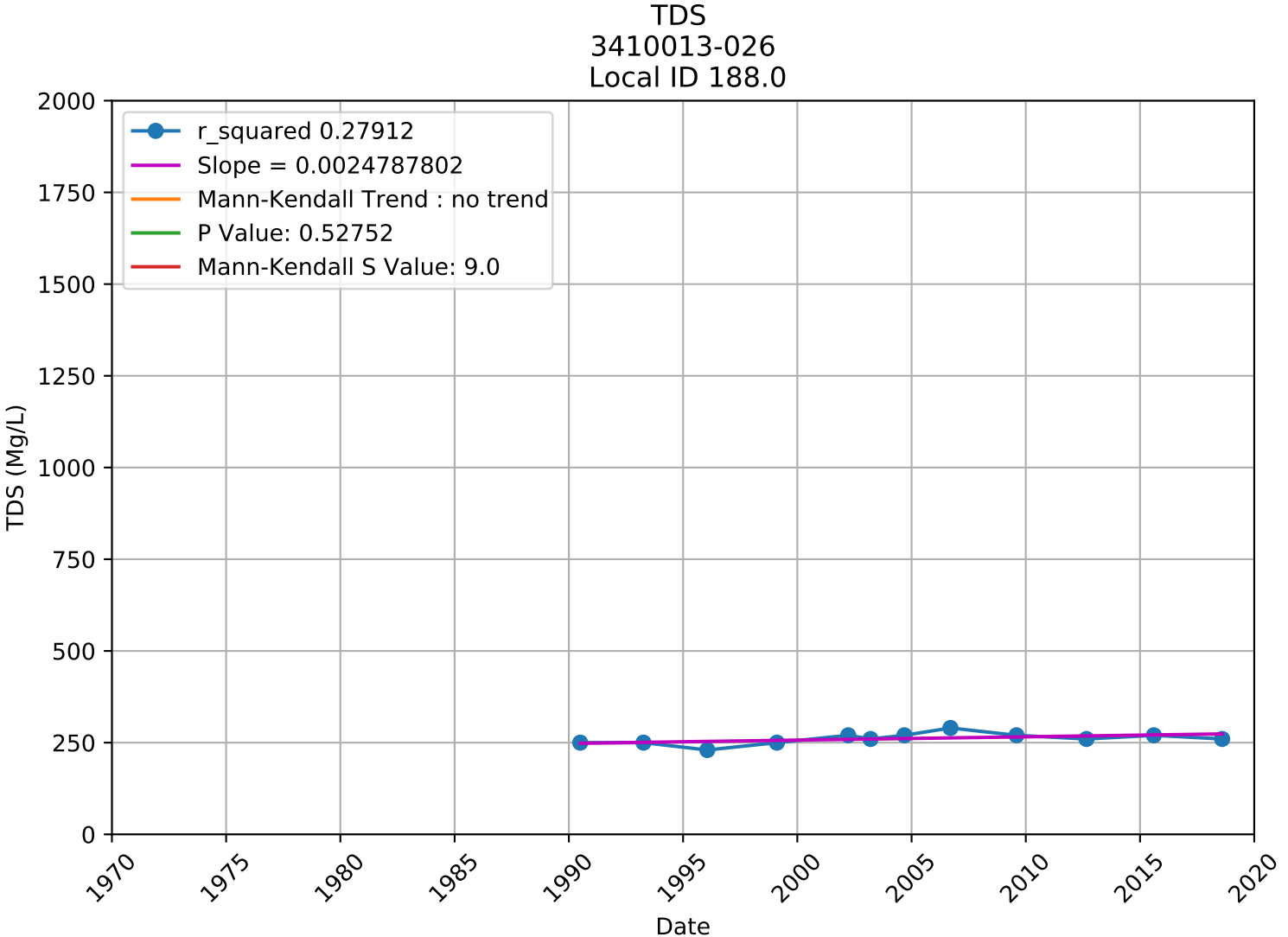

TDS
3410013-021
Local ID 88.0
r_squared 0.03142
Slope = 0.0039413278
Mann-Kendall Trend : no trend
P Value: 0.72051
Mann-Kendall S Value: 5.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

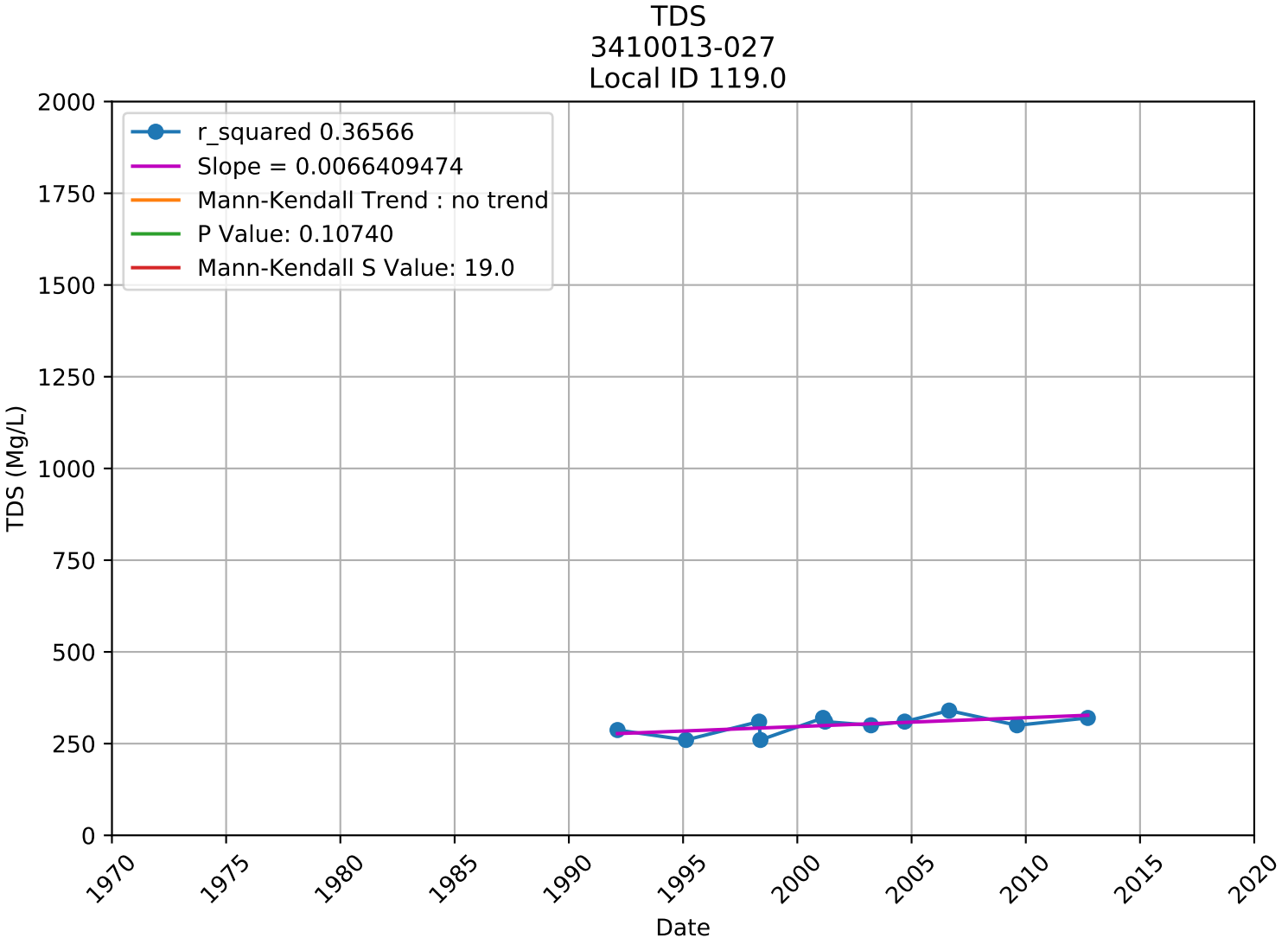

TDS
3410013-022
Local ID 232.0
r_squared 0.65683
Slope = 0.0065144593
Mann-Kendall Trend : no trend
P Value: 0.44483
Mann-Kendall S Value: 7.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

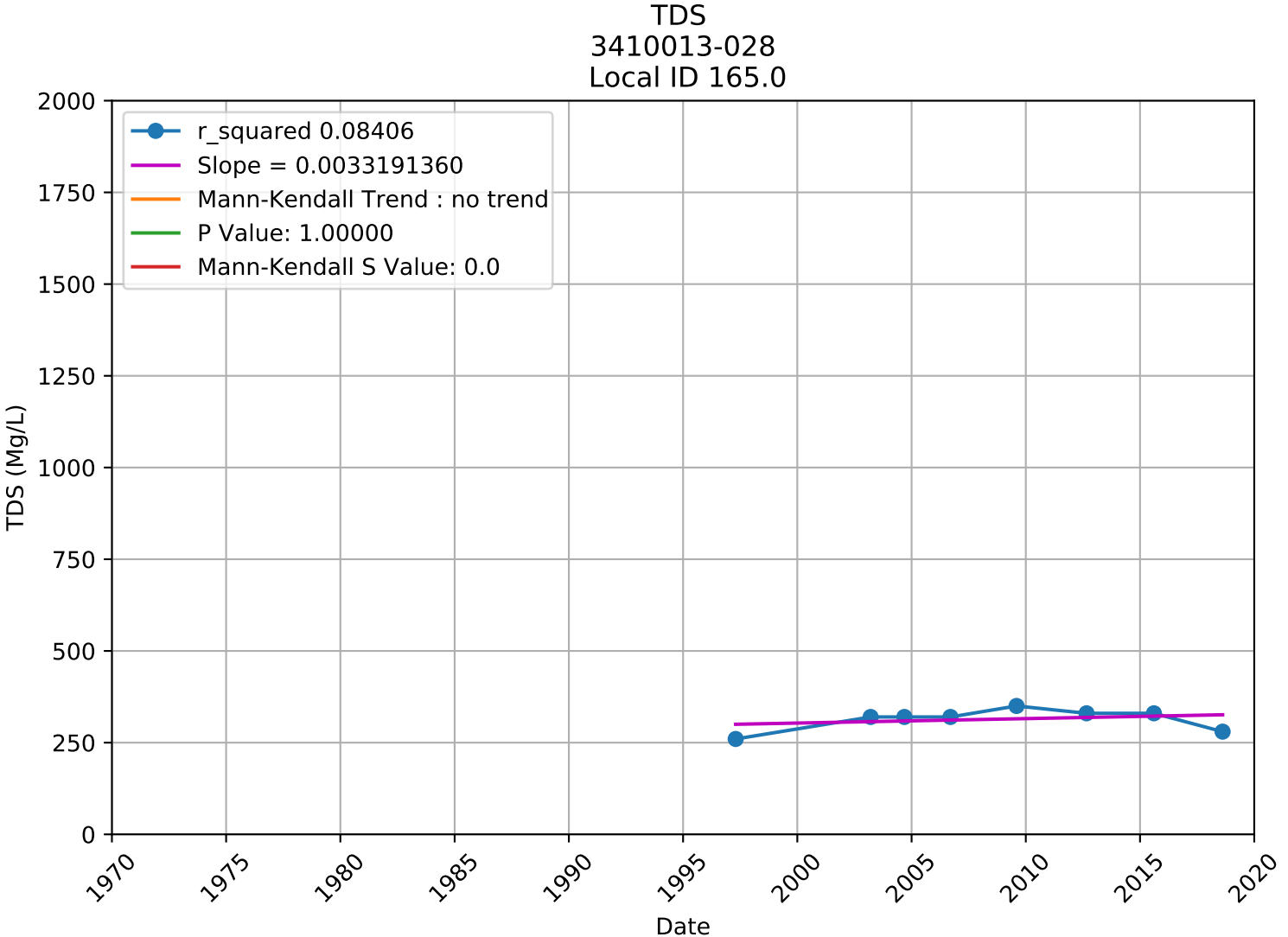

TDS
3410013-023
Local ID 189.0
r_squared 0.13718
Slope = -0.0059036764
Mann-Kendall Trend : no trend
P Value: 0.91697
Mann-Kendall S Value: -2.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

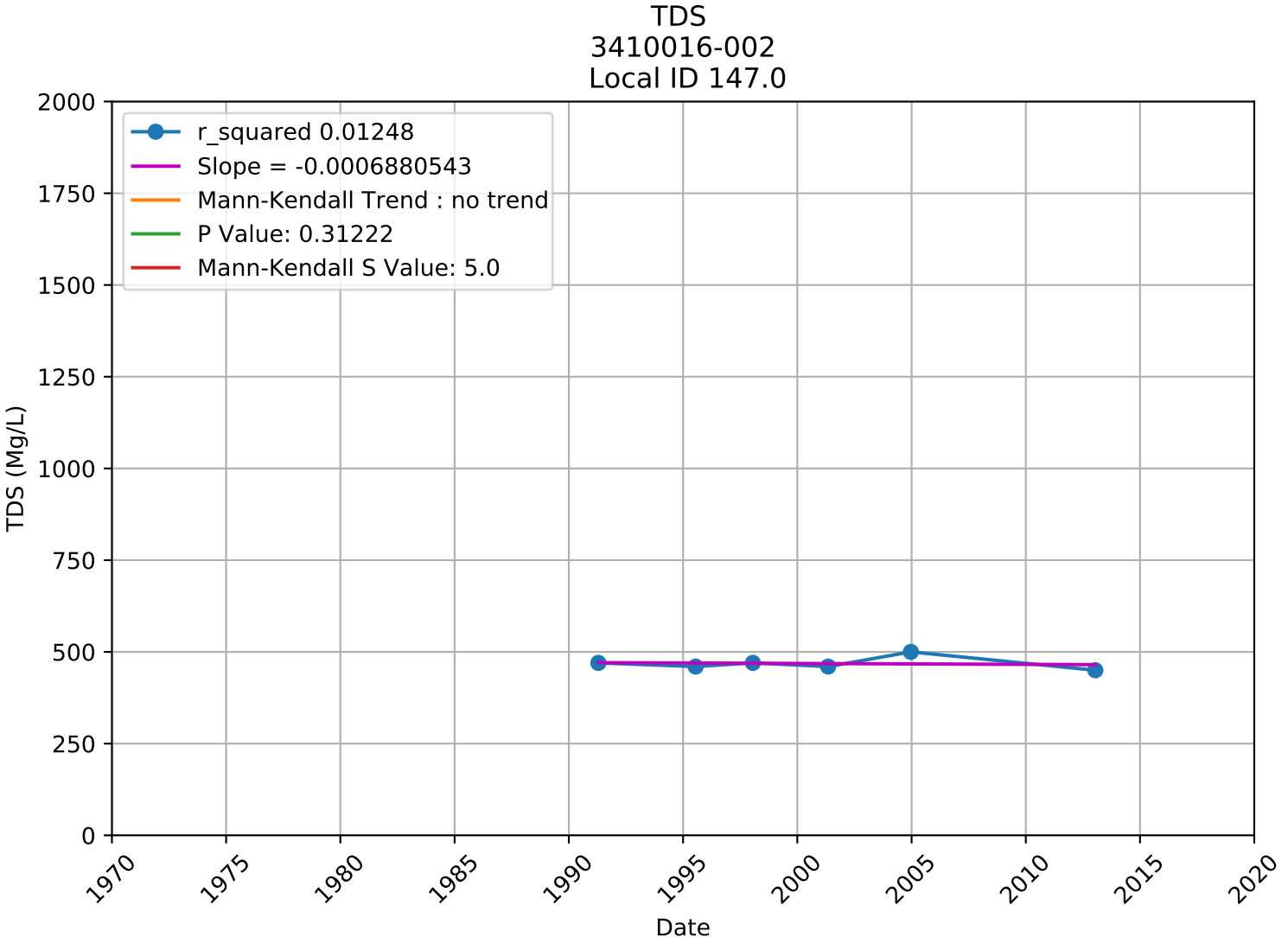

TDS
3410013-024
Local ID 66.0
r_squared 0.01572
Slope = 0.0030436473
Mann-Kendall Trend : no trend
P Value: 0.24372
Mann-Kendall S Value: 18.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

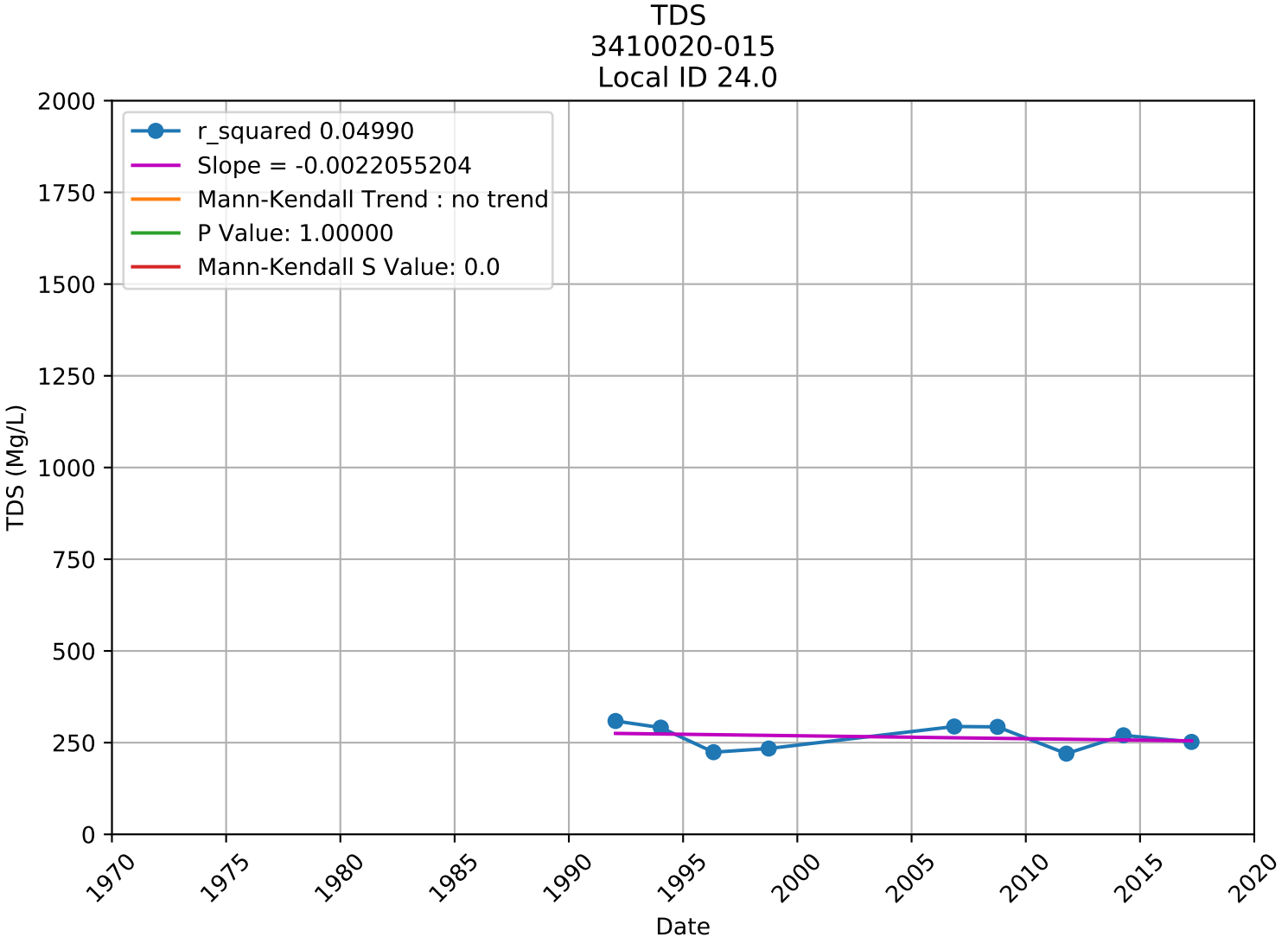

TDS
3410013-025
Local ID 220.0
r_squared 0.03351
Slope = 0.0021277199
Mann-Kendall Trend : no trend
P Value: 0.58465
Mann-Kendall S Value: 8.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

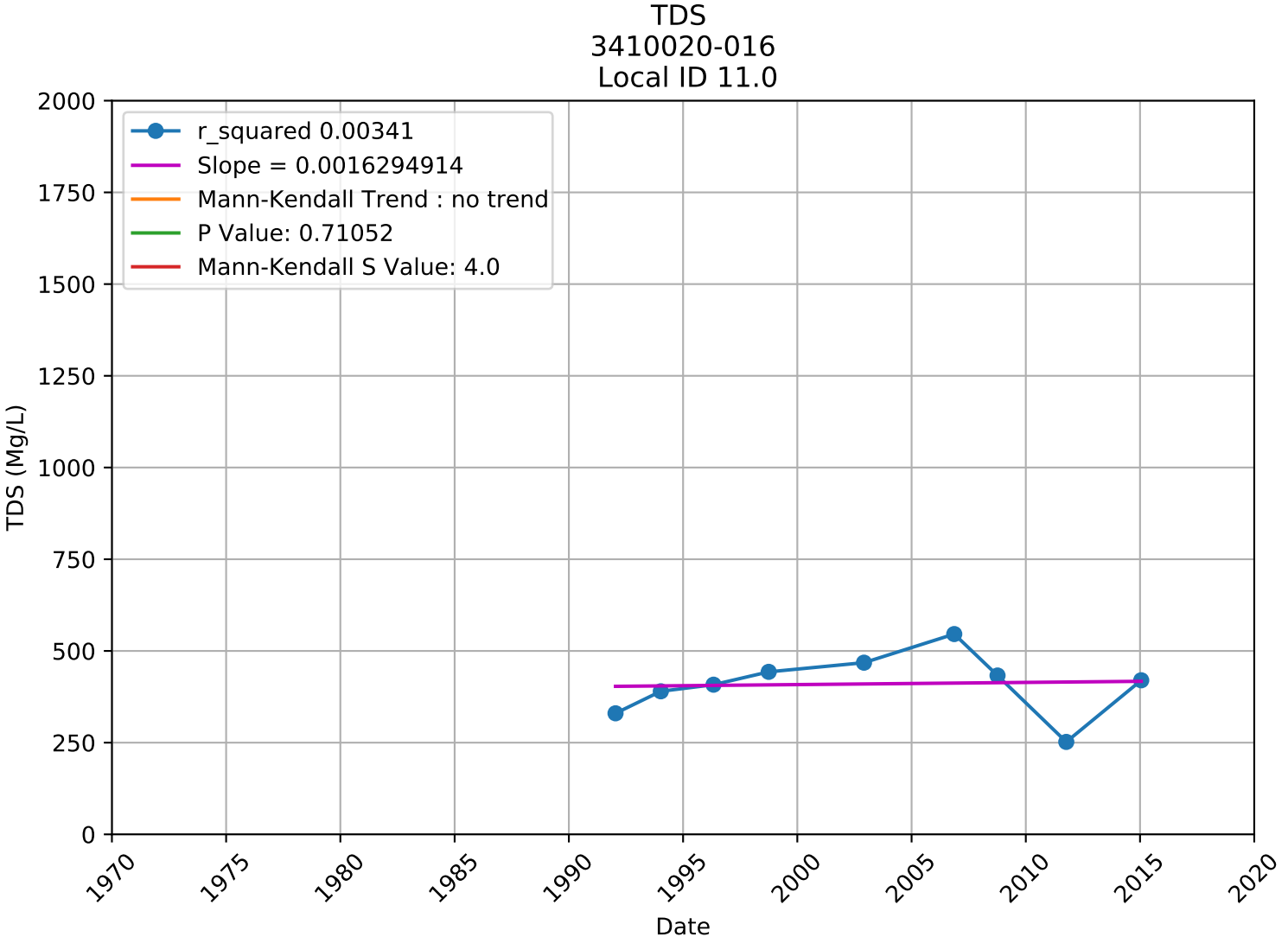

TDS
3410013-026
Local ID 188.0
r_squared 0.27912
Slope = 0.0024787802
Mann-Kendall Trend : no trend
P Value: 0.52752
Mann-Kendall S Value: 9.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

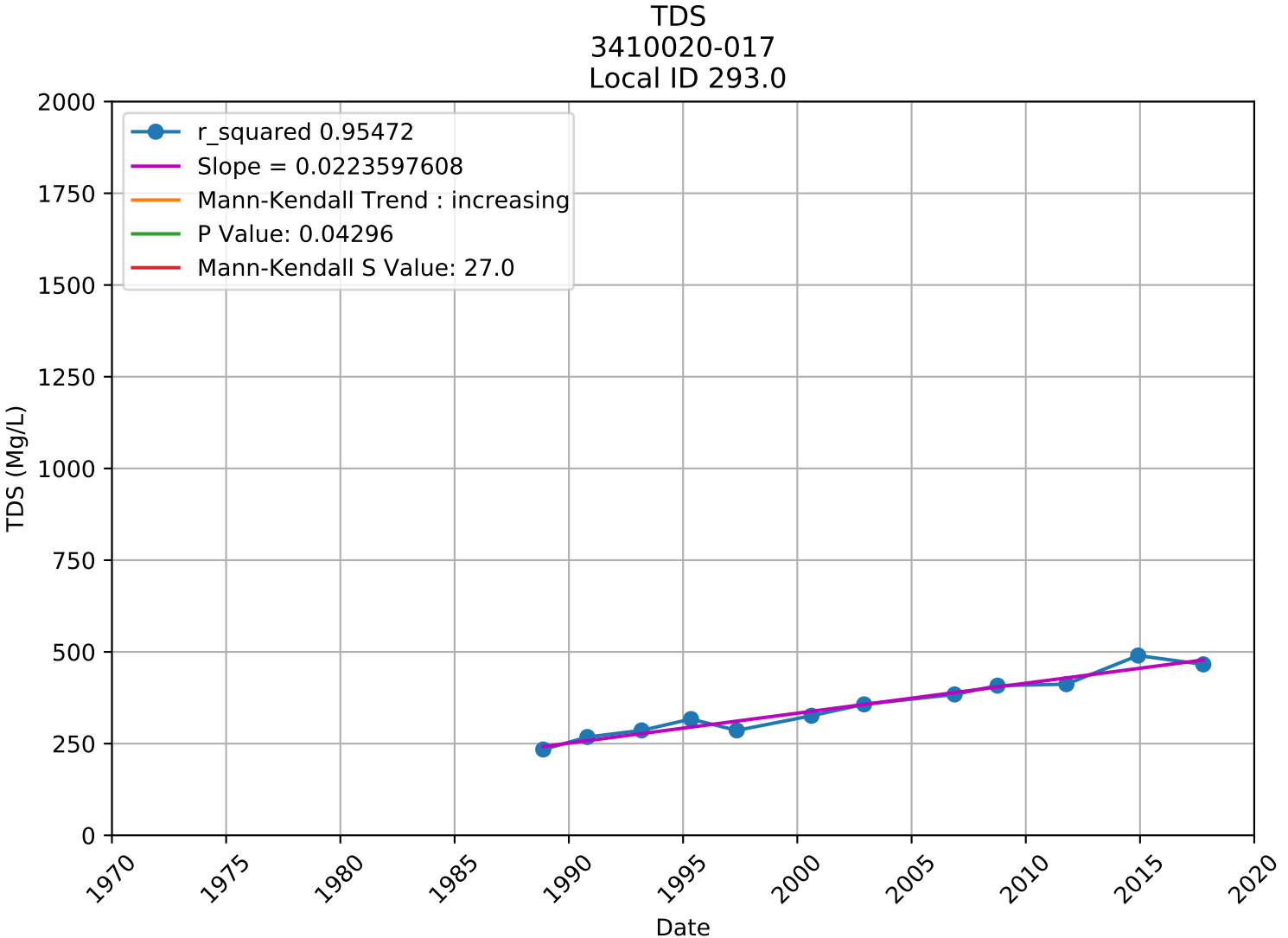

TDS
3410013-027
Local ID 119.0
r_squared 0.36566
Slope = 0.0066409474
Mann-Kendall Trend : no trend
P Value: 0.10740
Mann-Kendall S Value: 19.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

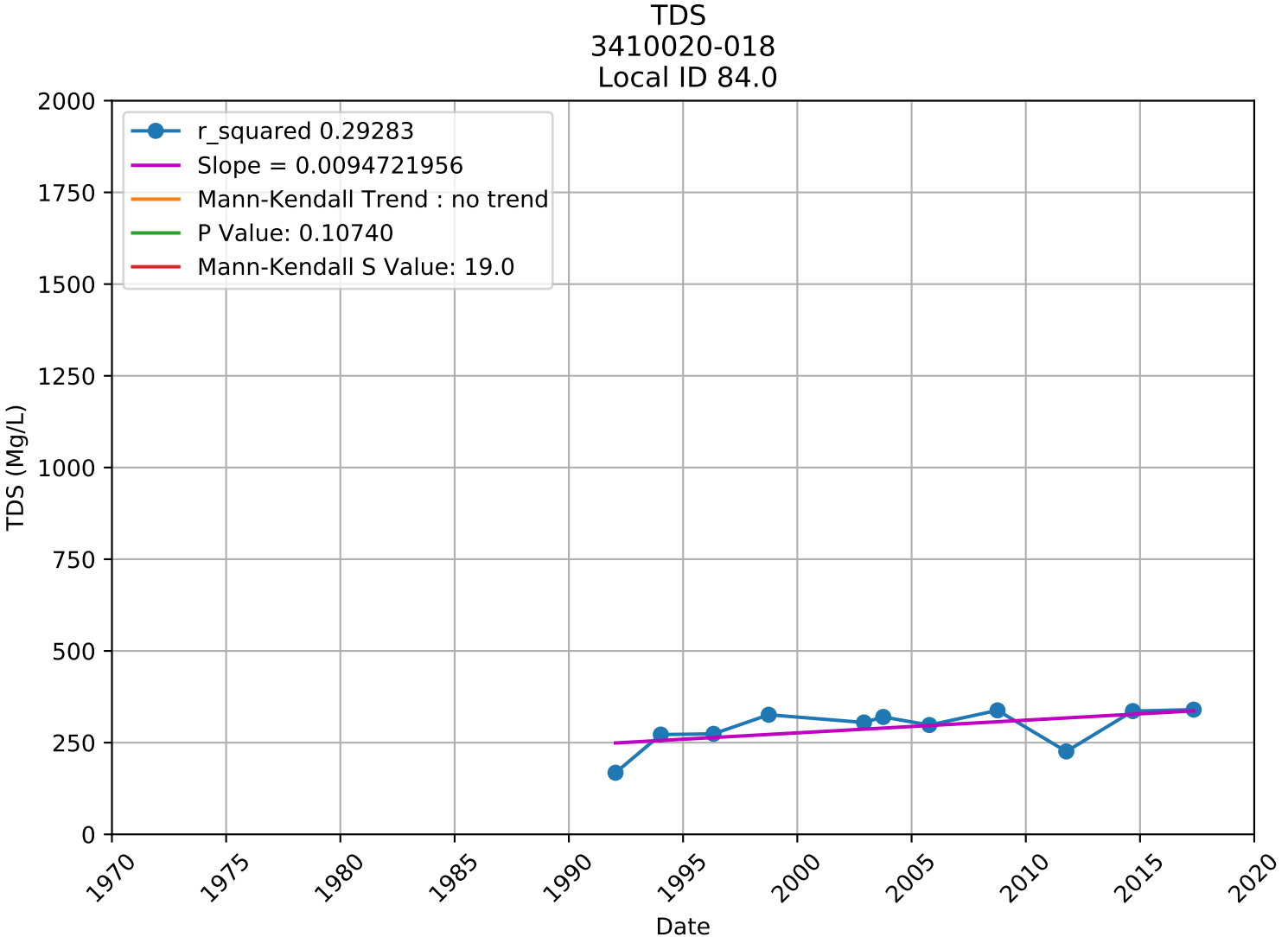

TDS
3410013-028
Local ID 165.0
r_squared 0.08406
Slope = 0.0033191360
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

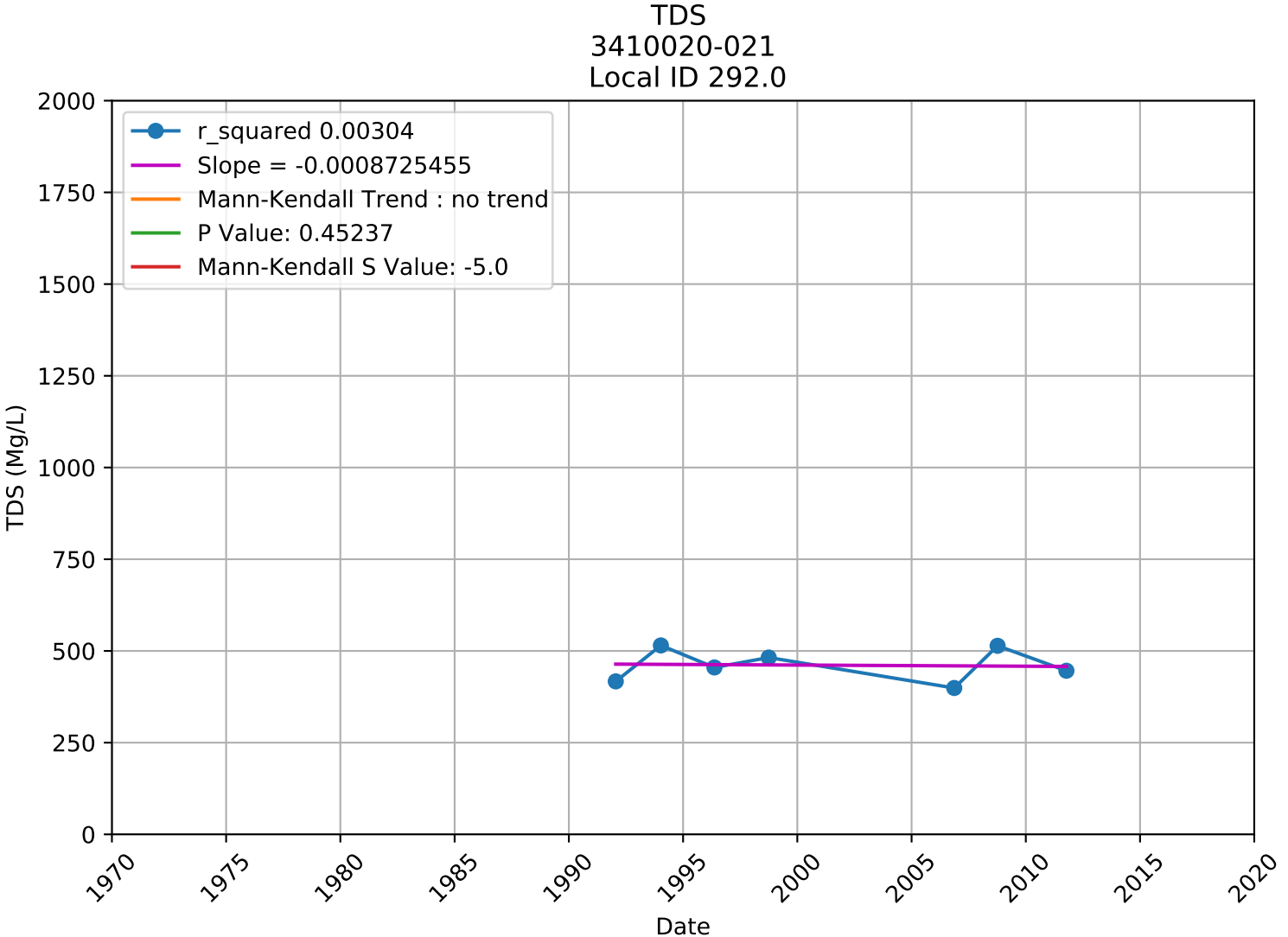

TDS
3410016-002
Local ID 147.0
r_squared 0.01248
Slope = -0.0006880543
Mann-Kendall Trend : no trend
P Value: 0.31222
Mann-Kendall S Value: 5.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

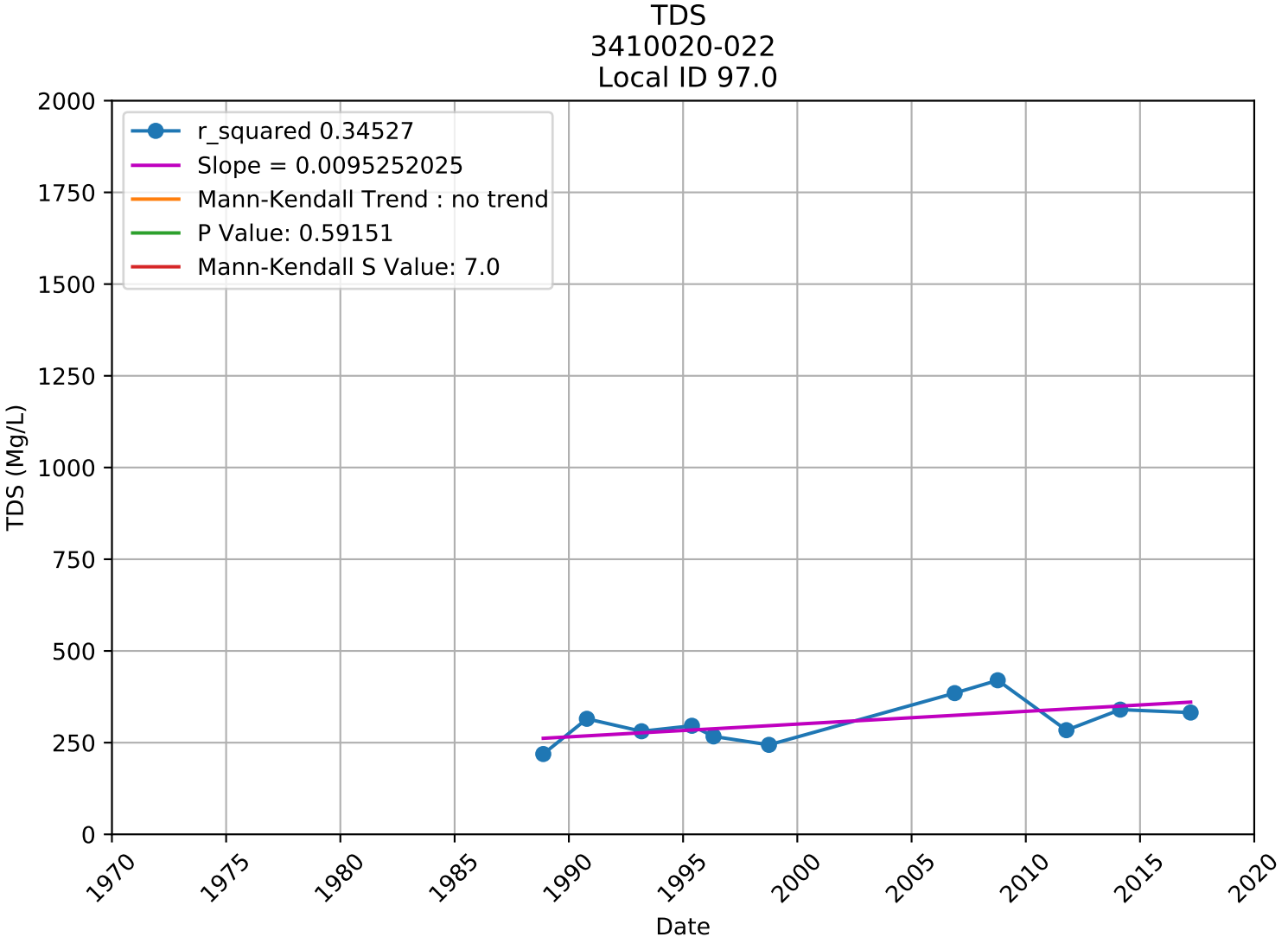

TDS
3410020-015
Local ID 24.0
r_squared 0.04990
Slope = -0.0022055204
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

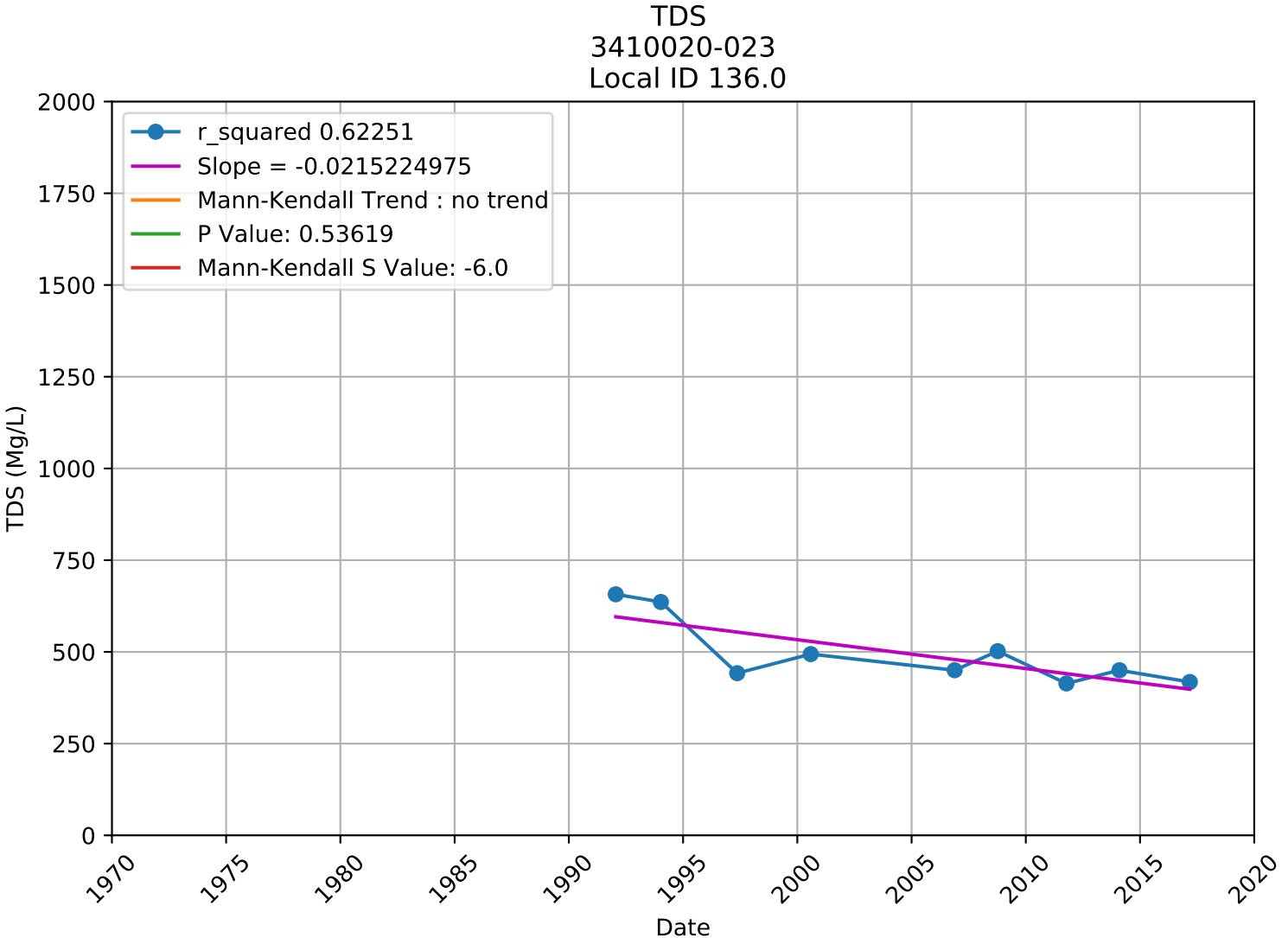

TDS
3410020-016
Local ID 11.0
r_squared 0.00341
Slope = 0.0016294914
Mann-Kendall Trend : no trend
P Value: 0.71052
Mann-Kendall S Value: 4.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

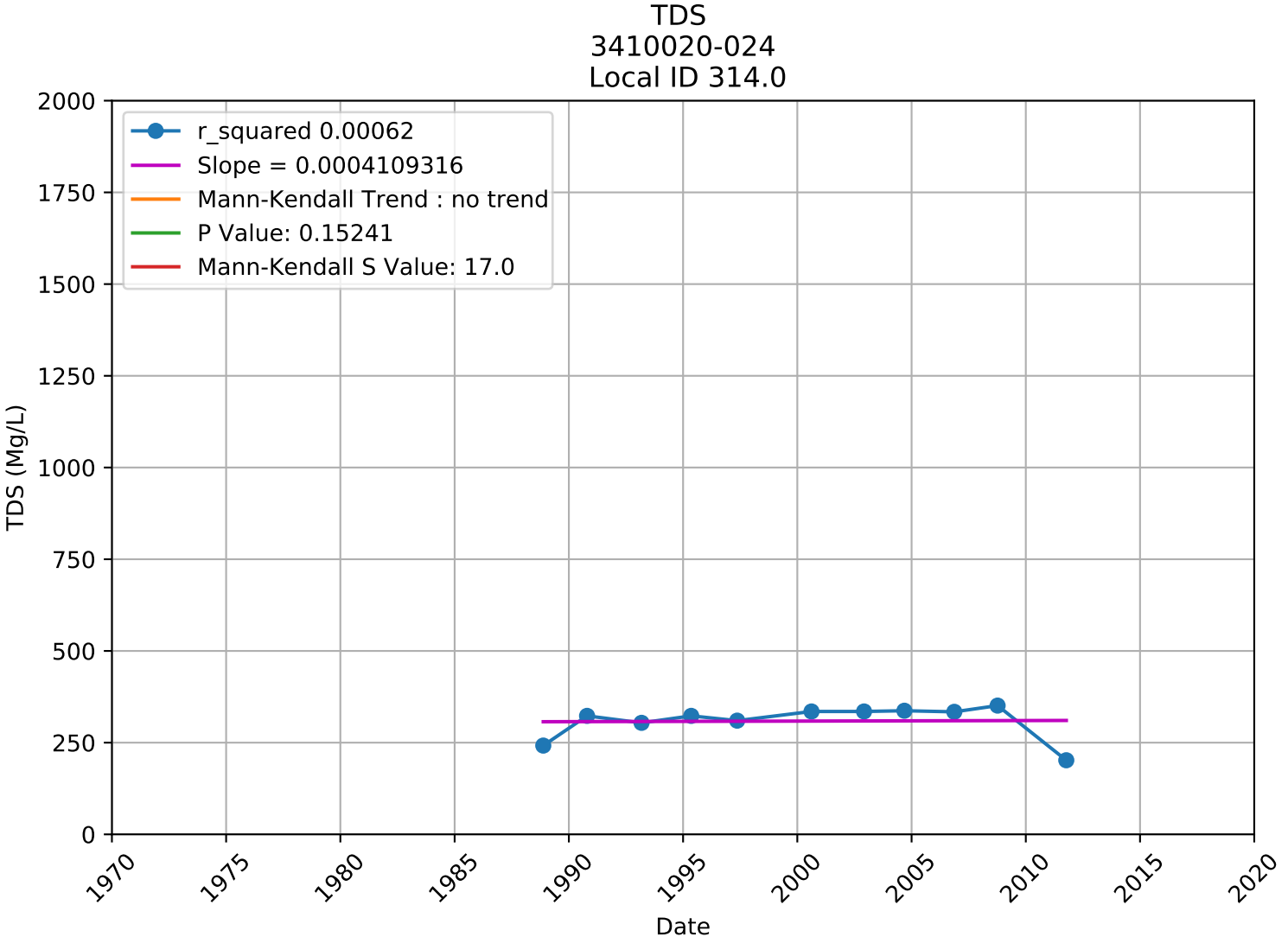

TDS
3410020-017
Local ID 293.0
r_squared 0.95472
Slope = 0.0223597608
Mann-Kendall Trend : increasing
P Value: 0.04296
Mann-Kendall S Value: 27.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

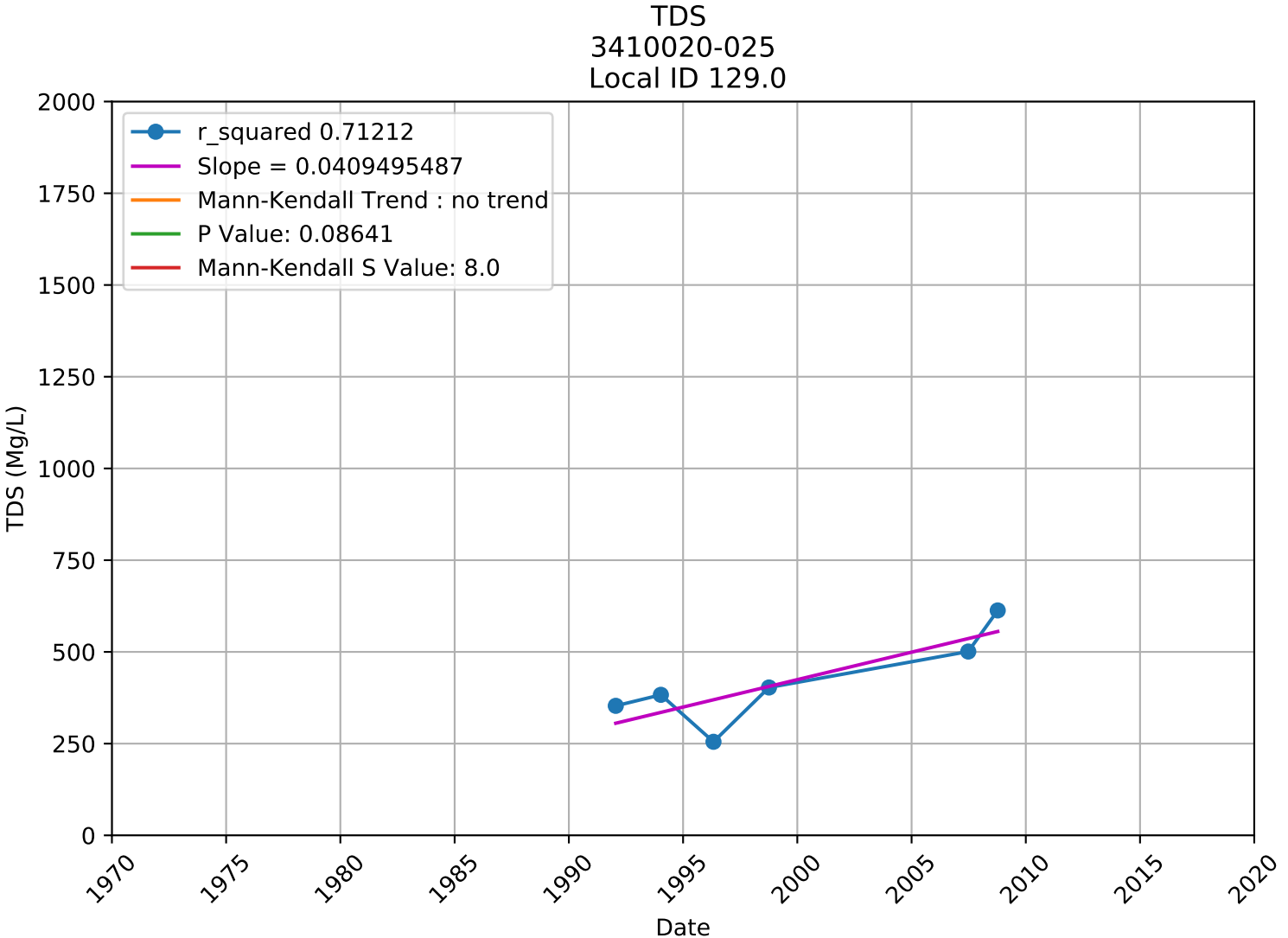

TDS
3410020-018
Local ID 84.0
r_squared 0.29283
Slope = 0.0094721956
Mann-Kendall Trend : no trend
P Value: 0.10740
Mann-Kendall S Value: 19.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
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1995
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2005
2010
2015
2020

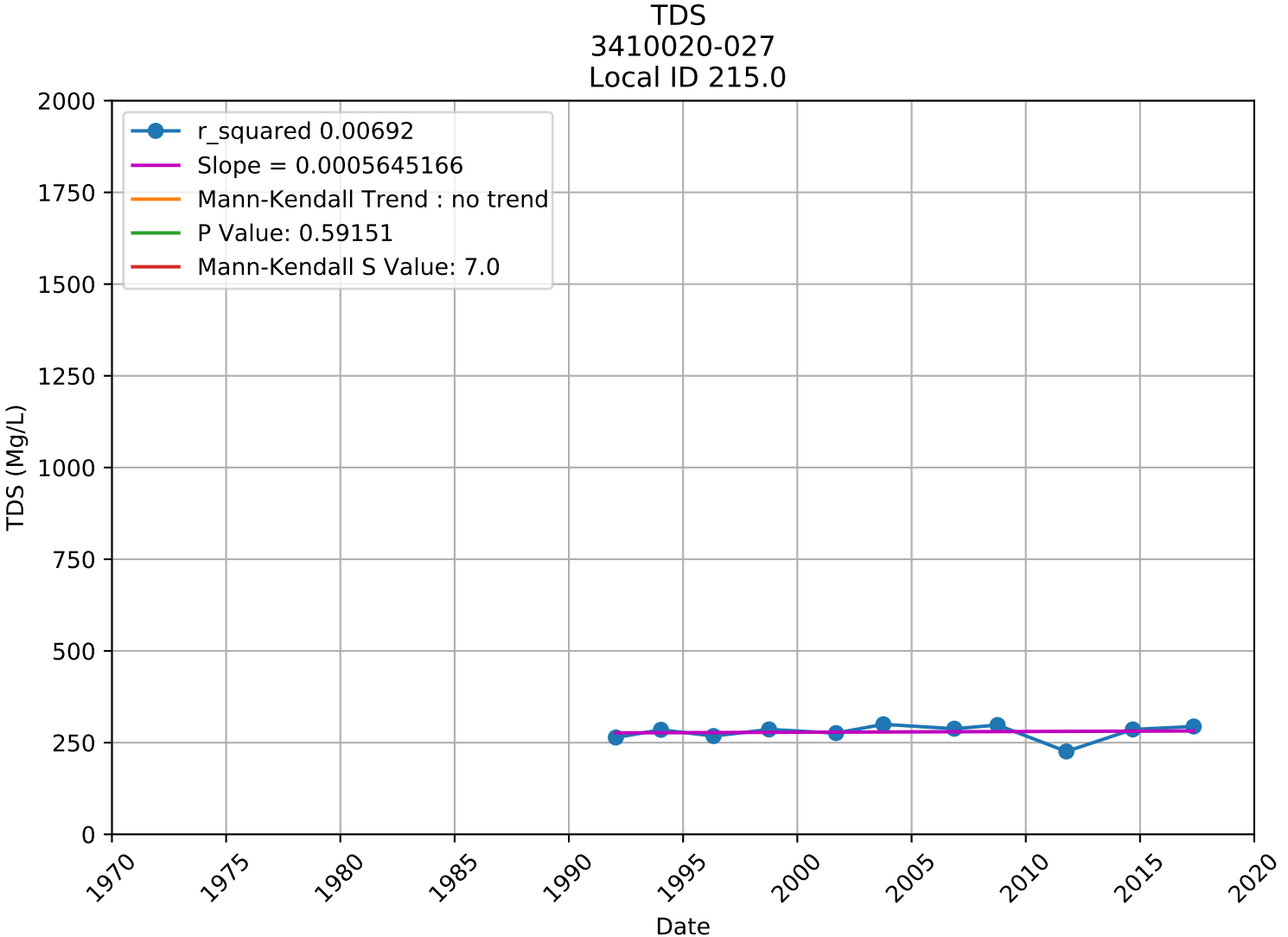

TDS
3410020-021
Local ID 292.0
r_squared 0.00304
Slope = -0.0008725455
Mann-Kendall Trend : no trend
P Value: 0.45237
Mann-Kendall S Value: -5.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

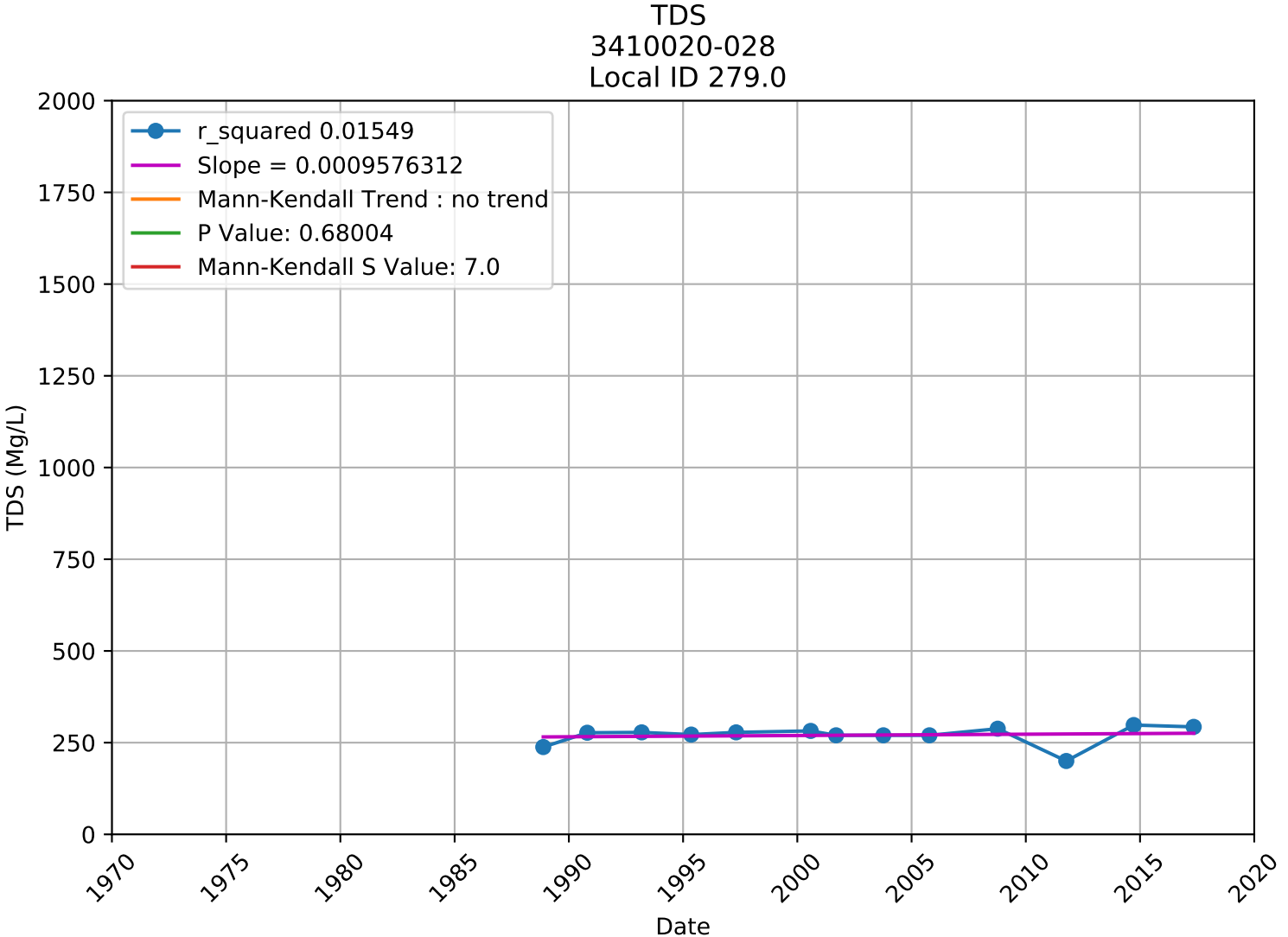

TDS
3410020-022
Local ID 97.0
r_squared 0.34527
Slope = 0.0095252025
Mann-Kendall Trend : no trend
P Value: 0.59151
Mann-Kendall S Value: 7.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
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1995
2000
2005
2010
2015
2020

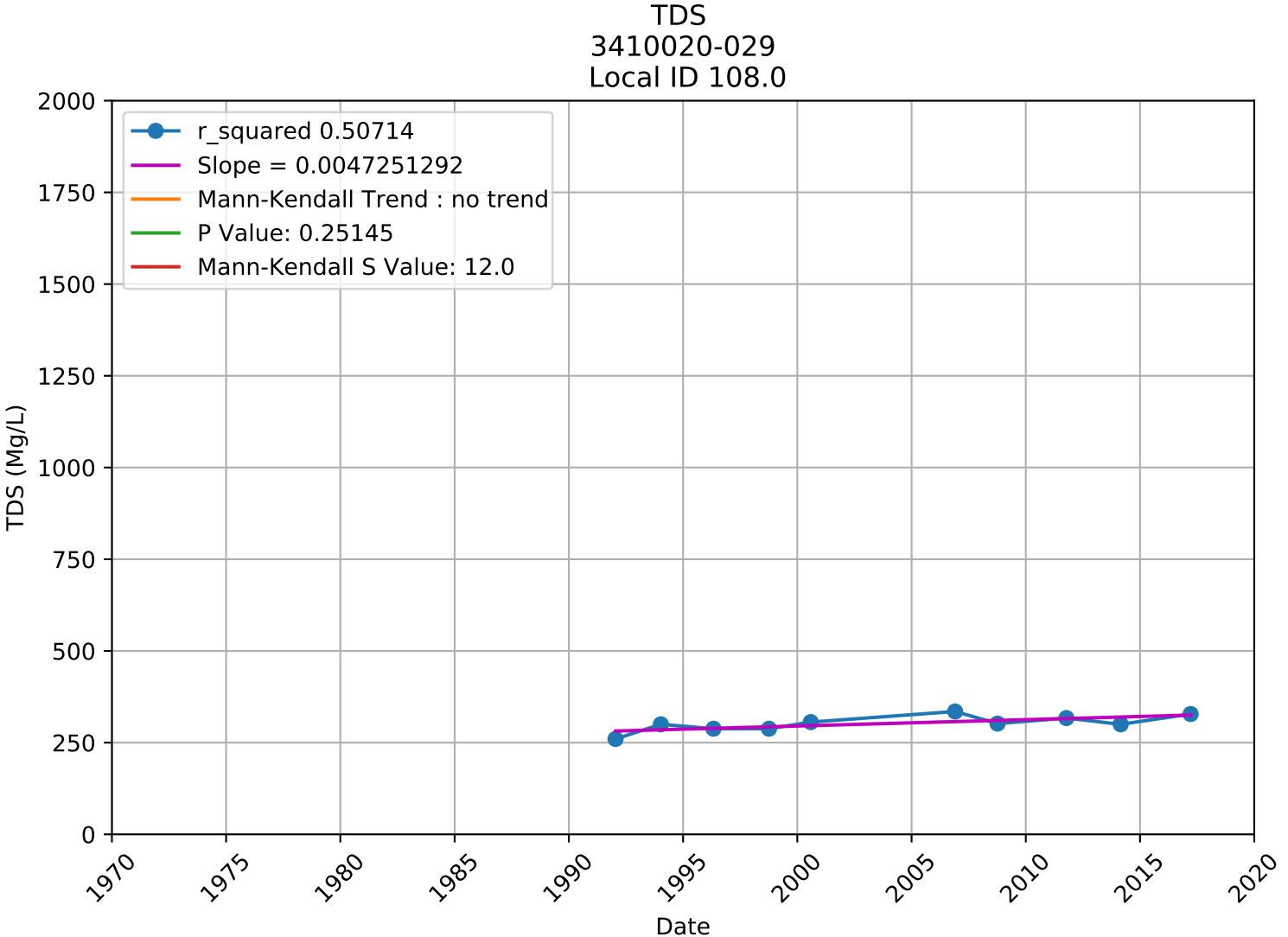

TDS
3410020-023
Local ID 136.0
r_squared 0.62251
Slope = -0.0215224975
Mann-Kendall Trend : no trend
P Value: 0.53619
Mann-Kendall S Value: -6.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
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1970
1975
1980
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2010
2015
2020
Date

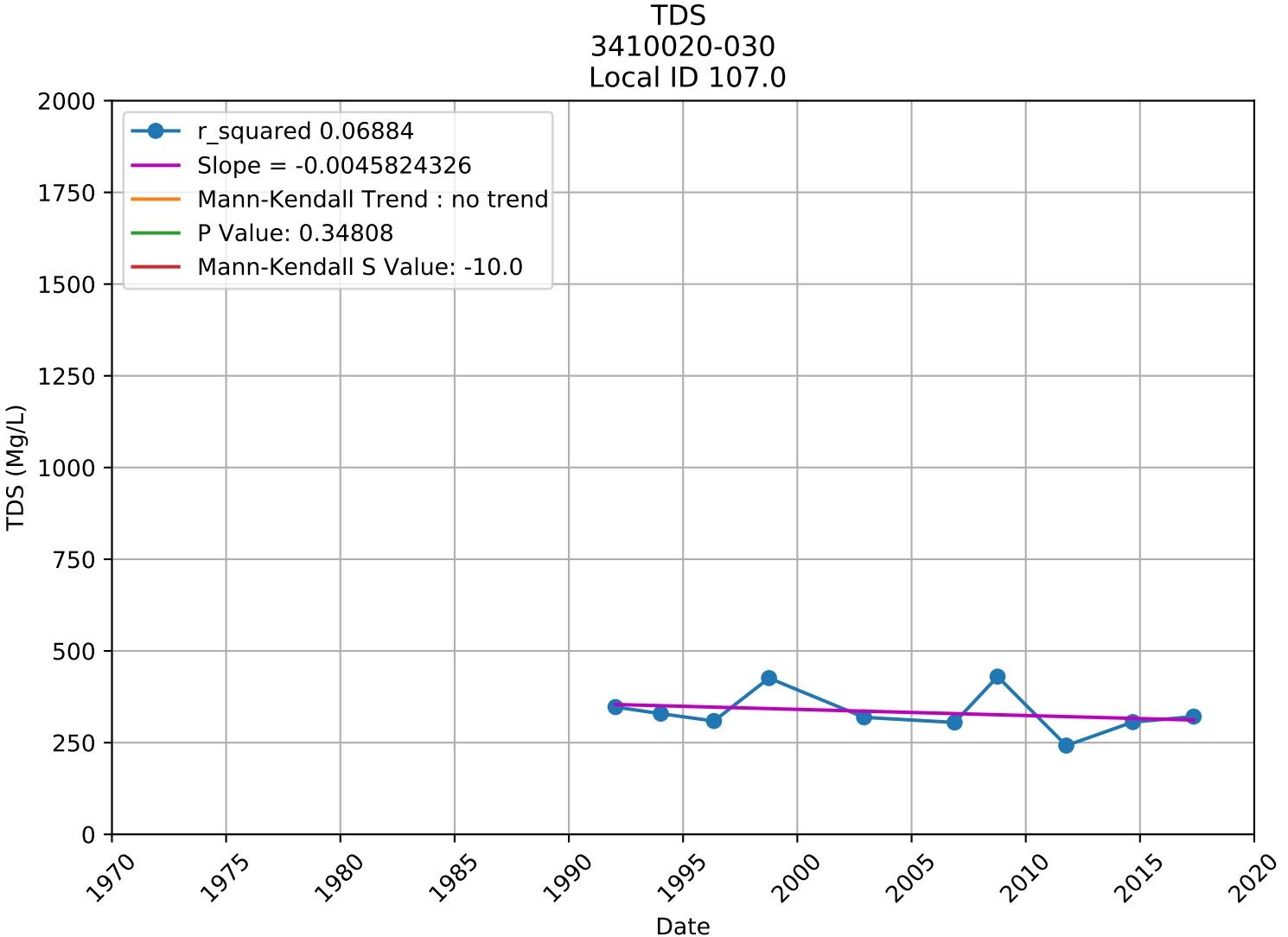

TDS
3410020-024
Local ID 314.0
r_squared 0.00062
Slope = 0.0004109316
Mann-Kendall Trend : no trend
P Value: 0.15241
Mann-Kendall S Value: 17.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

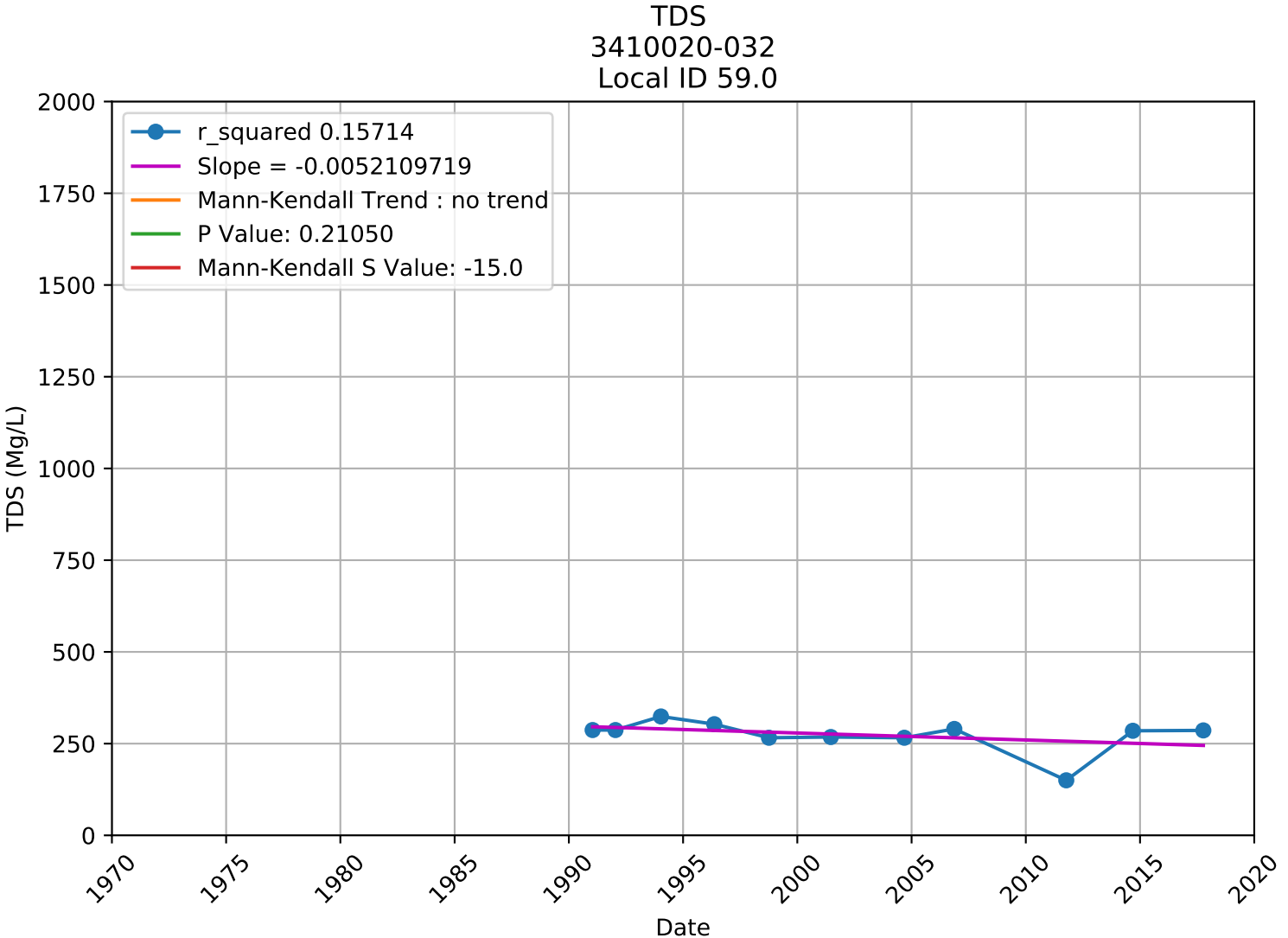

TDS
3410020-025
Local ID 129.0
r_squared 0.71212
Slope = 0.0409495487
Mann-Kendall Trend : no trend
P Value: 0.08641
Mann-Kendall S Value: 8.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
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1970
1975
1980
1985
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2005
2010
2015
2020

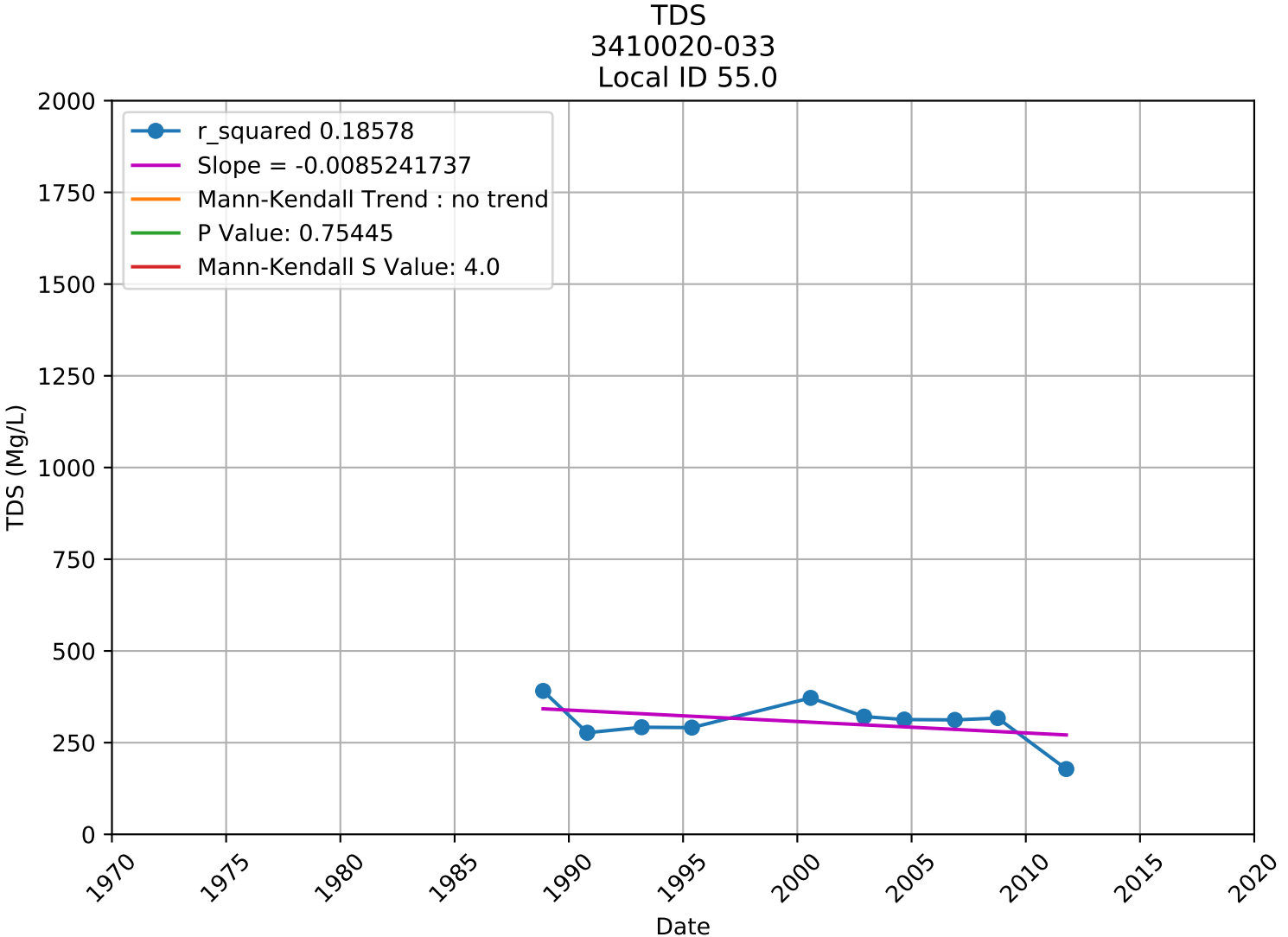

TDS
3410020-027
Local ID 215.0
r_squared 0.00692
Slope = 0.0005645166
Mann-Kendall Trend : no trend
P Value: 0.59151
Mann-Kendall S Value: 7.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
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2005
2010
2015
2020

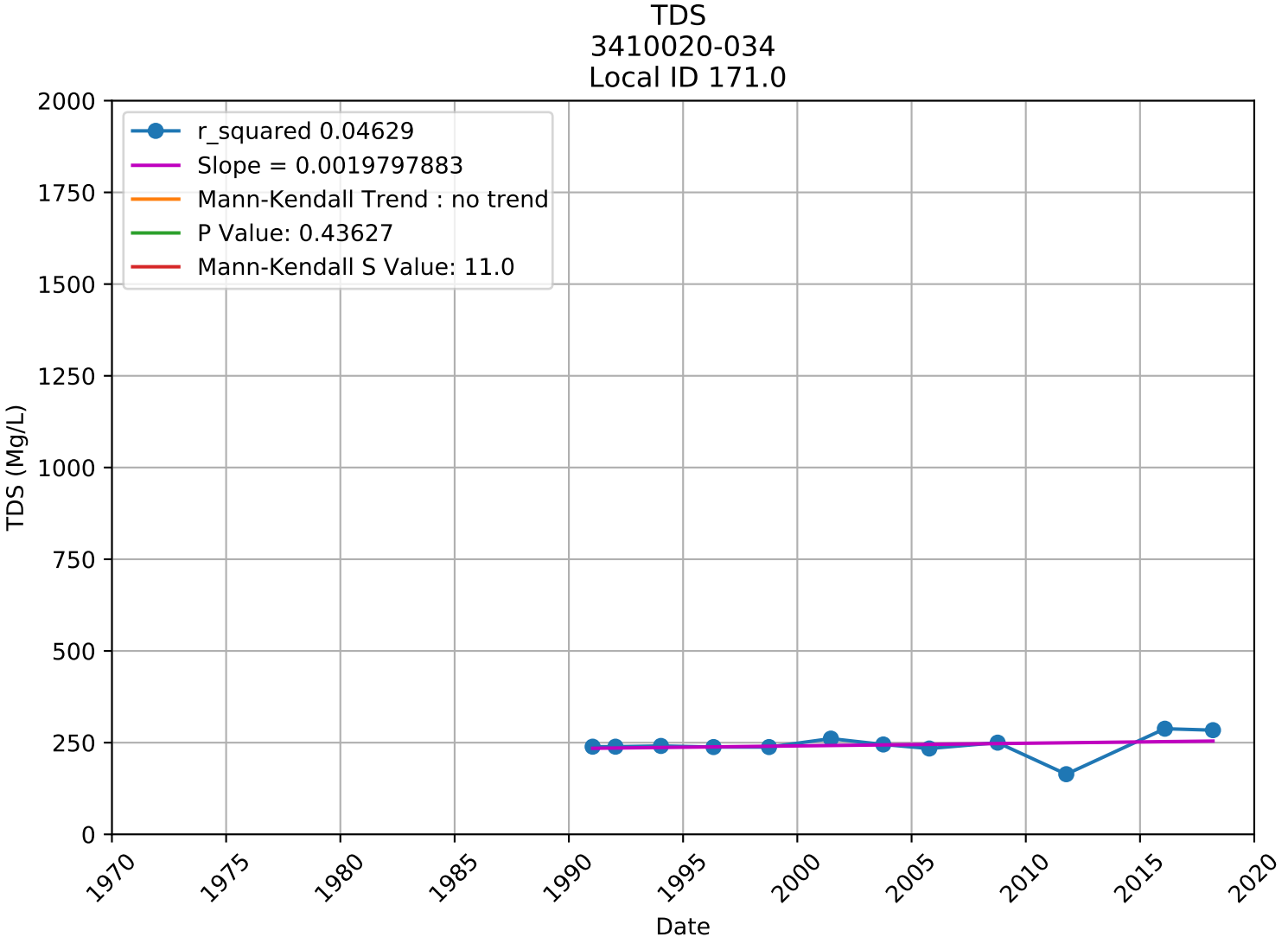

TDS
3410020-028
Local ID 279.0
r_squared 0.01549
Slope = 0.0009576312
Mann-Kendall Trend : no trend
P Value: 0.68004
Mann-Kendall S Value: 7.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
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2005
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2015
2020

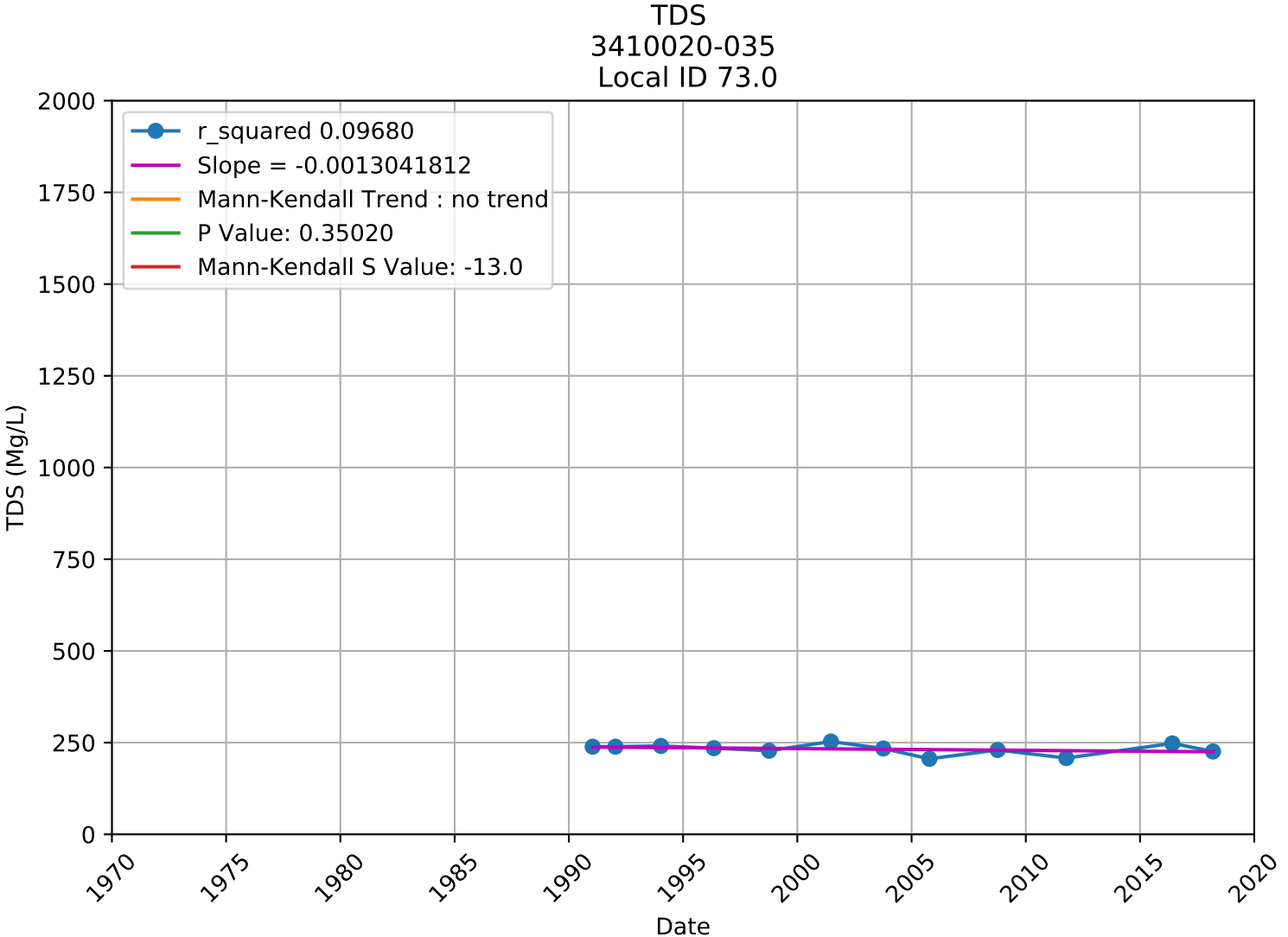

TDS
3410020-029
Local ID 108.0
r_squared 0.50714
Slope = 0.0047251292
Mann-Kendall Trend : no trend
P Value: 0.25145
Mann-Kendall S Value: 12.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
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1995
2000
2005
2010
2015
2020

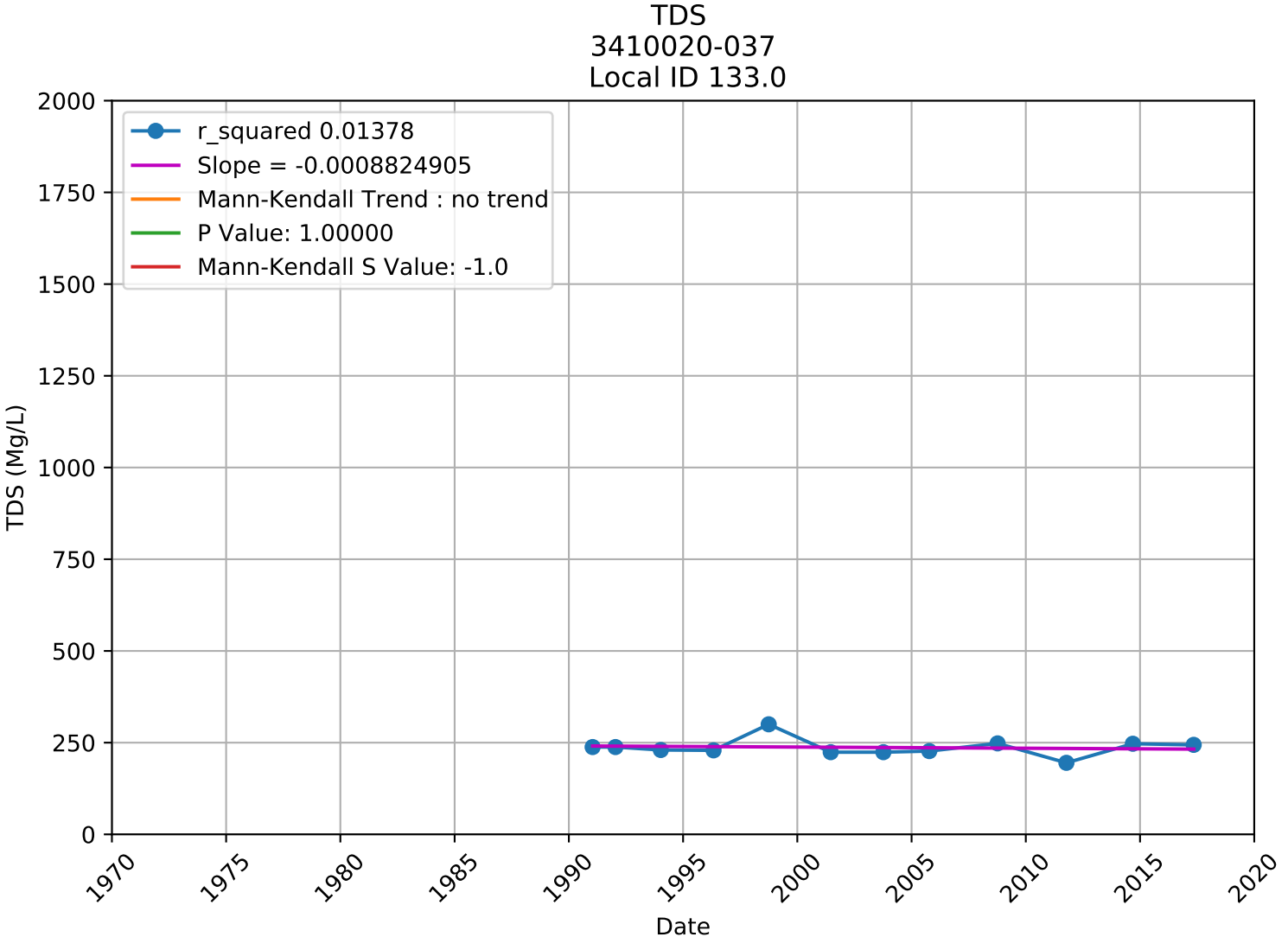

TDS
3410020-030
Local ID 107.0
r_squared 0.06884
Slope = -0.0045824326
Mann-Kendall Trend : no trend
P Value: 0.34808
Mann-Kendall S Value: -10.0
TDS (Mg/L)
2000
1750
1500
1250
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750
500
250
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1970
1975
1980
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2015
2020
Date

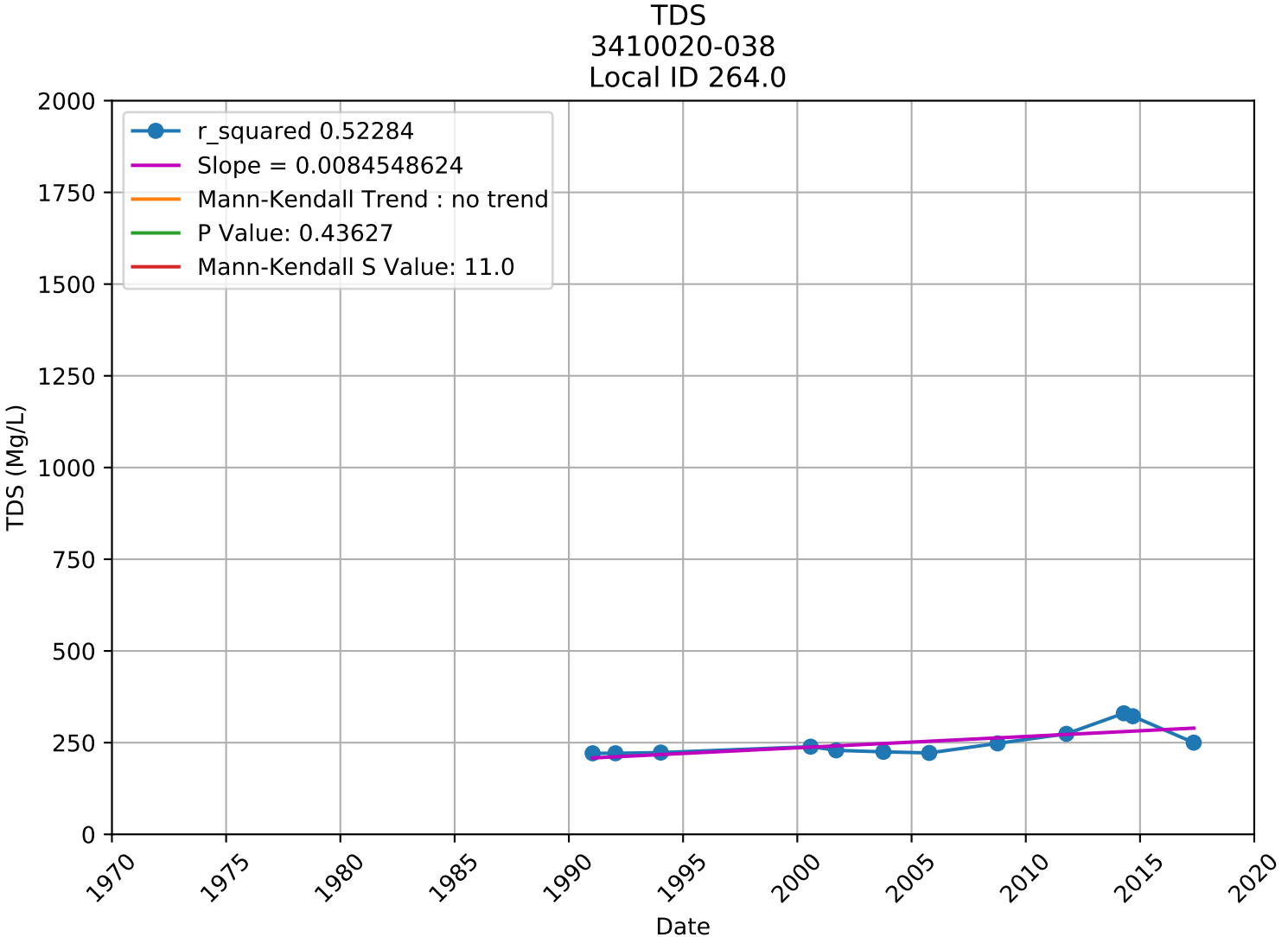

TDS
3410020-032
Local ID 59.0
r_squared 0.15714
Slope = -0.0052109719
Mann-Kendall Trend : no trend
P Value: 0.21050
Mann-Kendall S Value: -15.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
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1985
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1995
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2005
2010
2015
2020

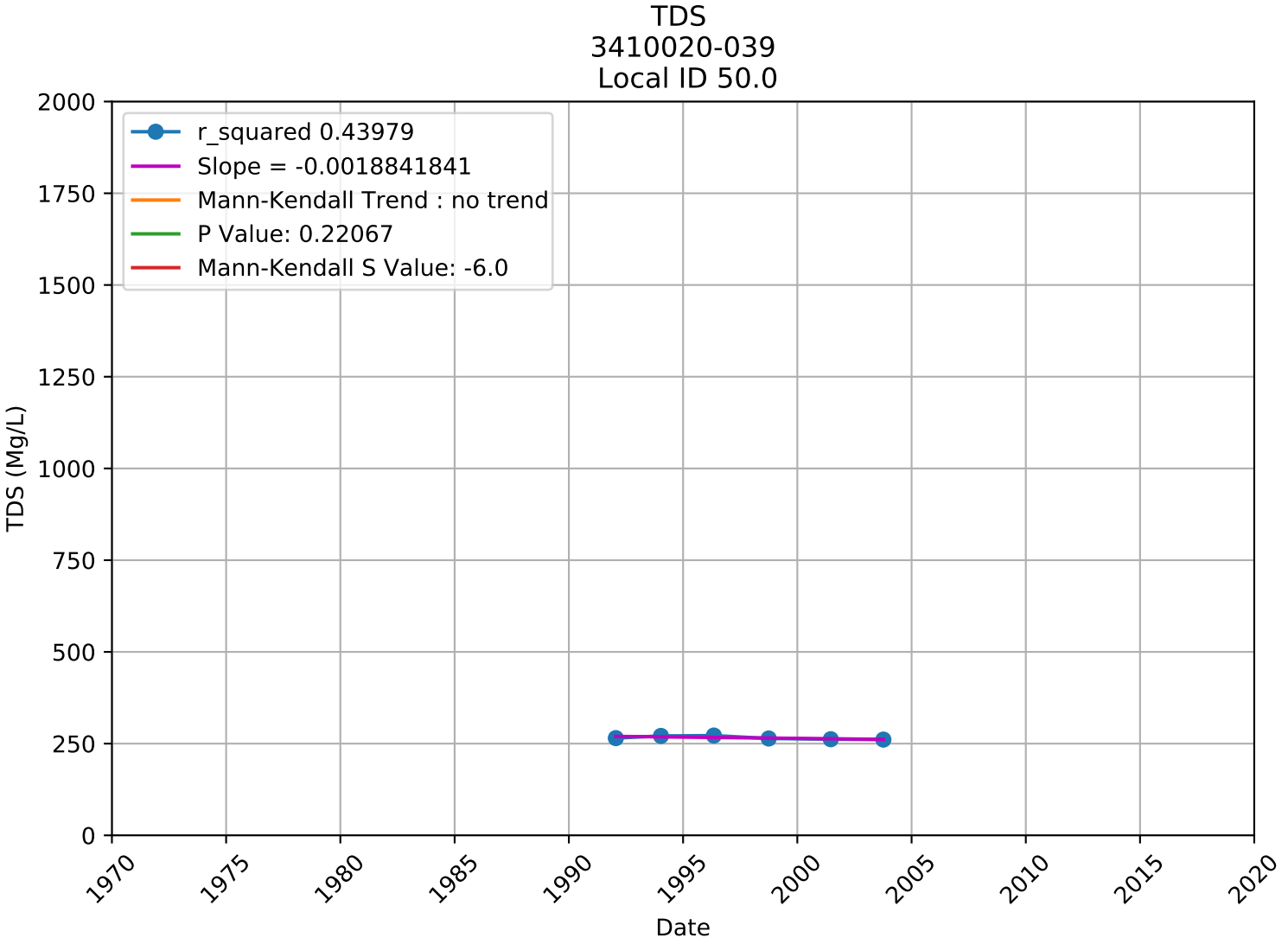

TDS
3410020-033
Local ID 55.0
r_squared 0.18578
Slope = -0.0085241737
Mann-Kendall Trend : no trend
P Value: 0.75445
Mann-Kendall S Value: 4.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
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1970
1975
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1985
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2005
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2015
2020

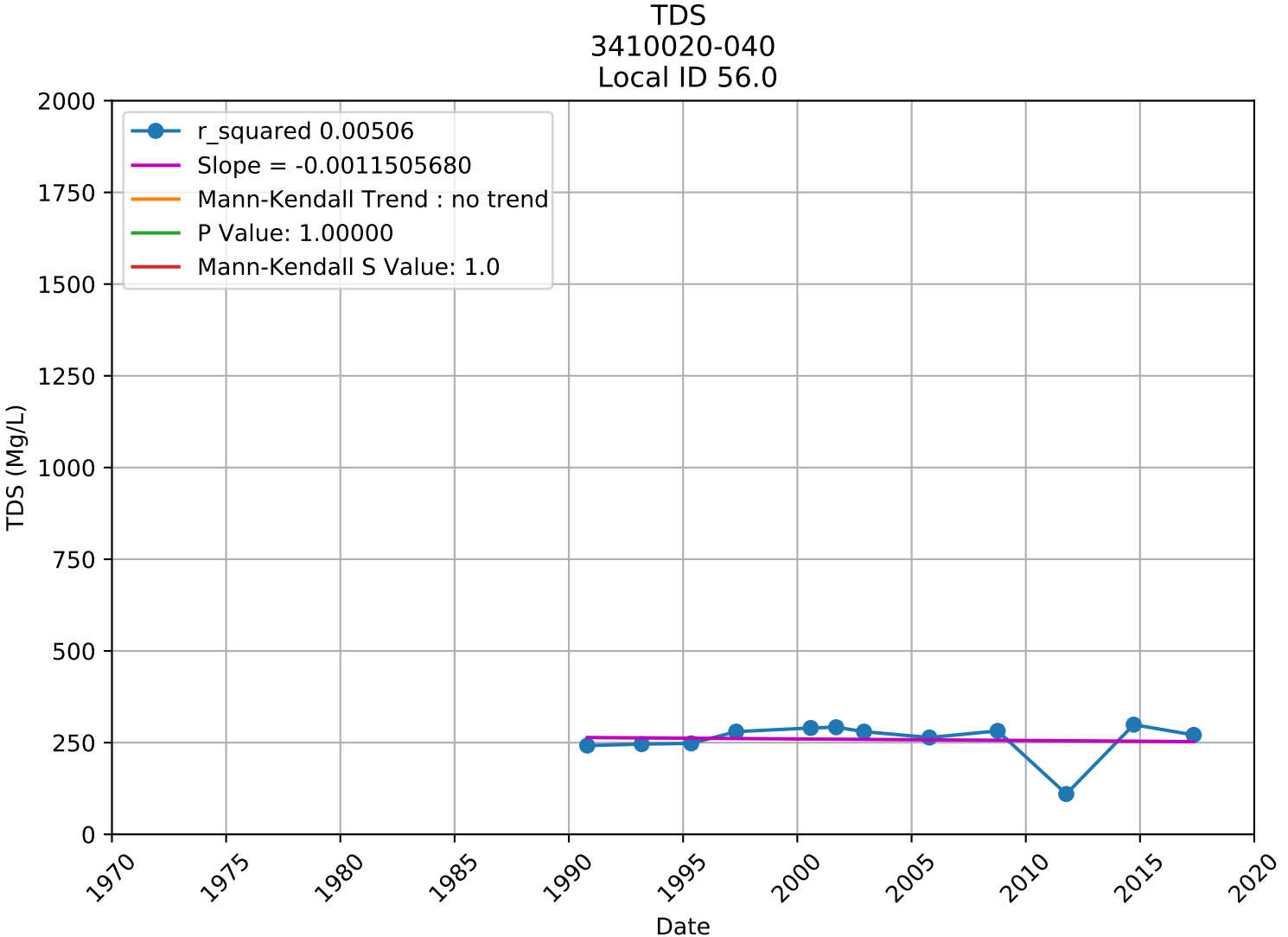

TDS
3410020-034
Local ID 171.0
r_squared 0.04629
Slope = 0.0019797883
Mann-Kendall Trend : no trend
P Value: 0.43627
Mann-Kendall S Value: 11.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

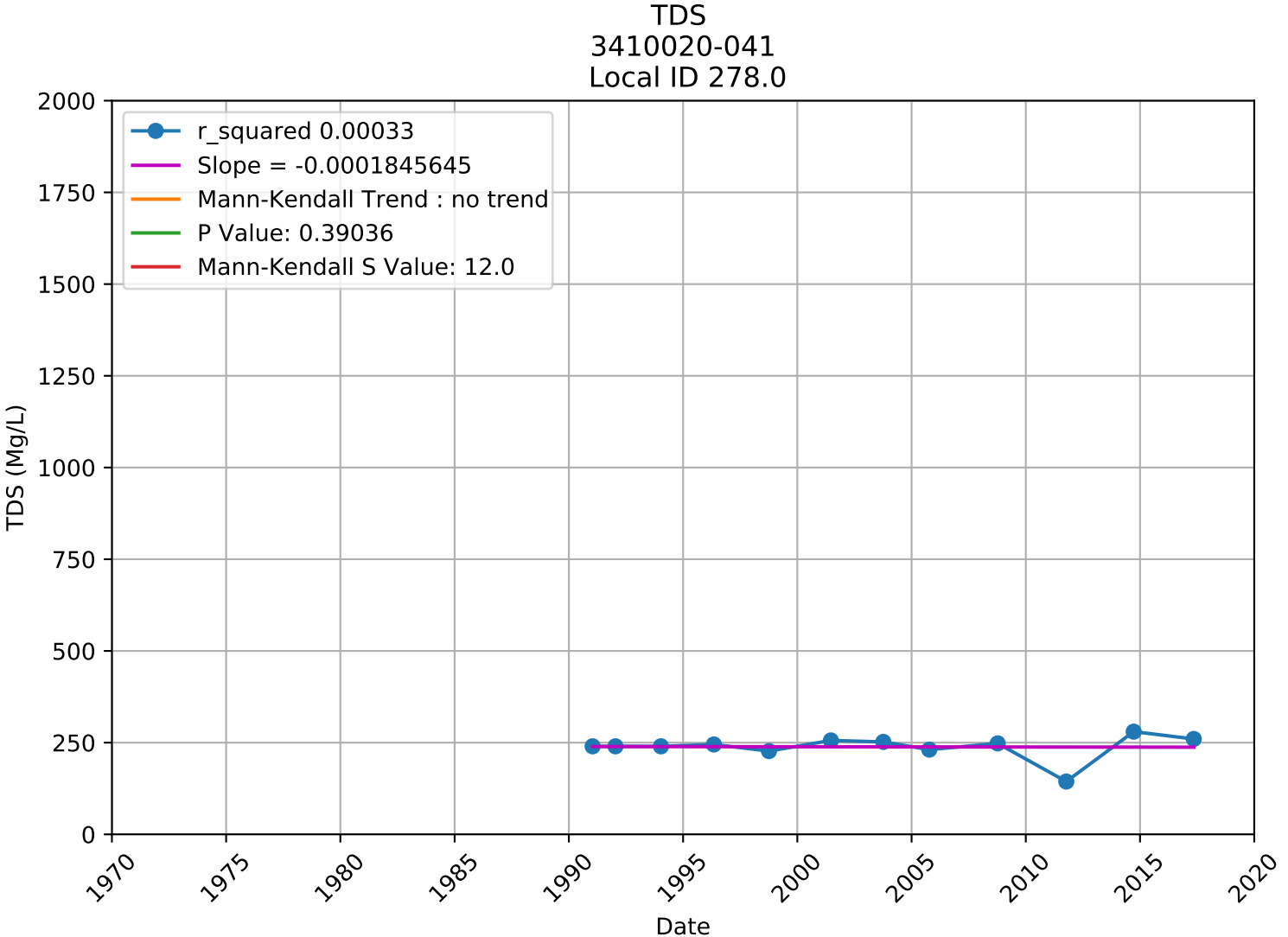

TDS
3410020-035
Local ID 73.0
r_squared 0.09680
Slope = -0.0013041812
Mann-Kendall Trend : no trend
P Value: 0.35020
Mann-Kendall S Value: -13.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

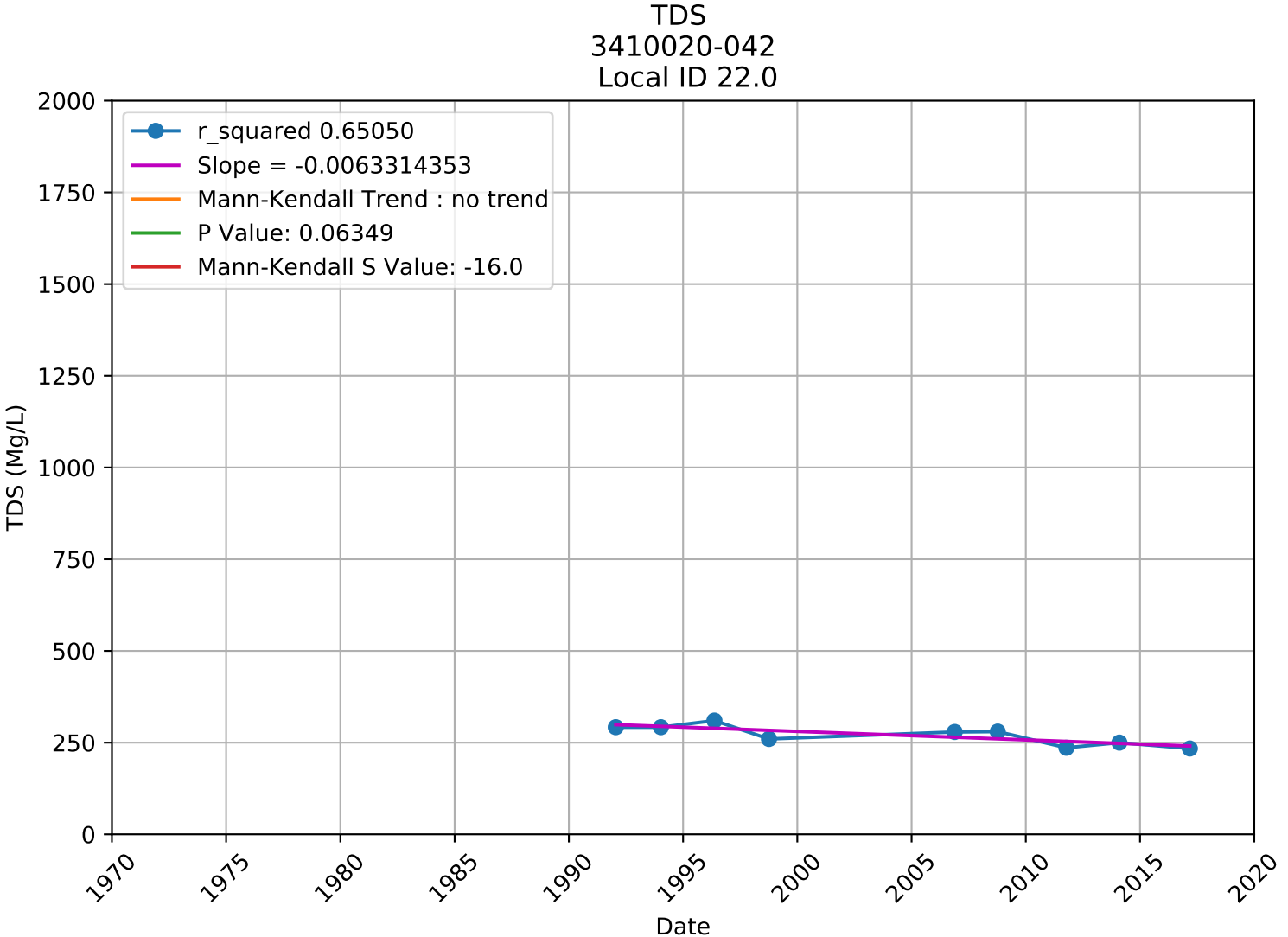

TDS
3410020-037
Local ID 133.0
r_squared 0.01378
Slope = -0.0008824905
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

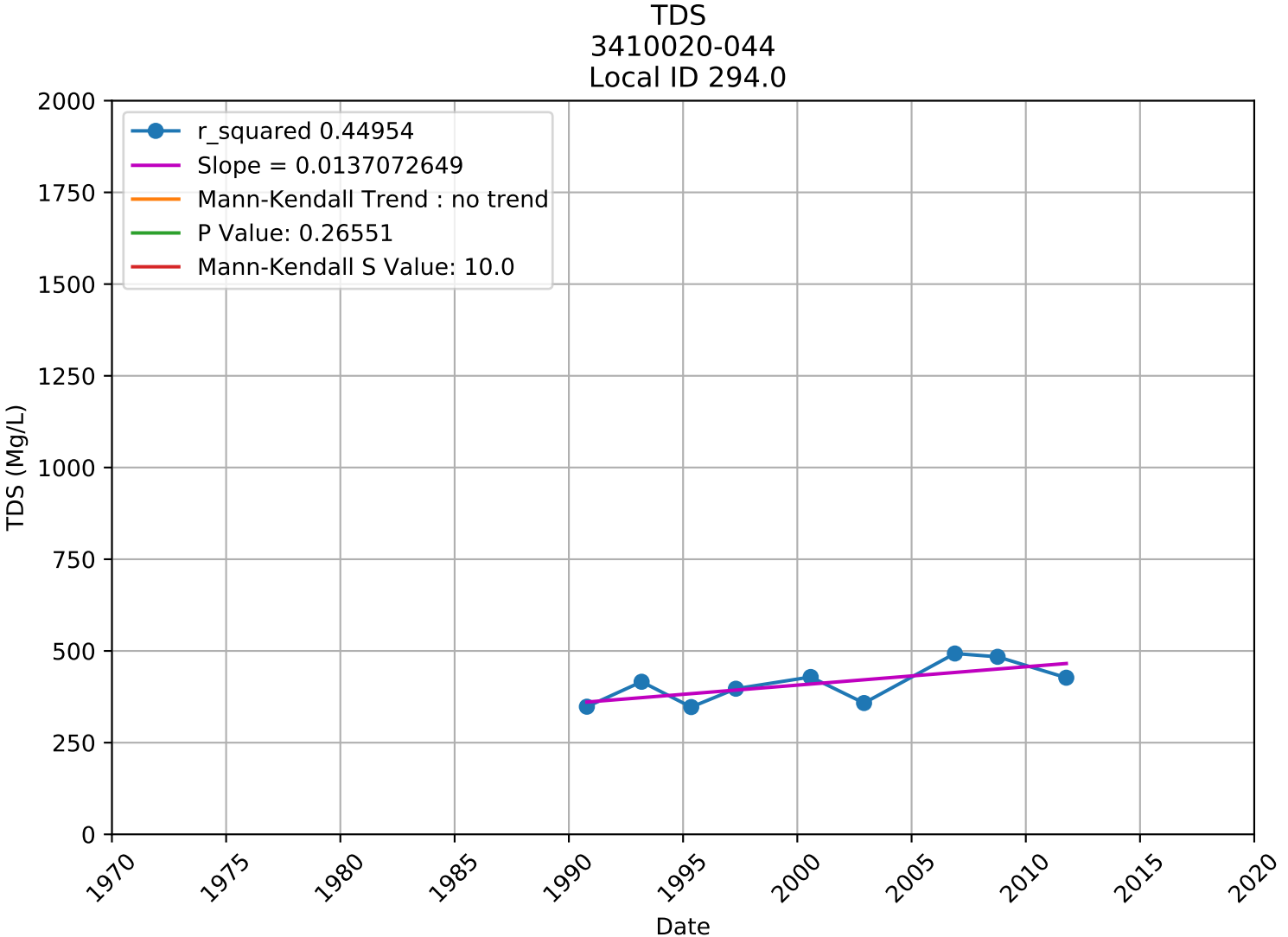

TDS
3410020-038
Local ID 264.0
r_squared 0.52284
Slope = 0.0084548624
Mann-Kendall Trend : no trend
P Value: 0.43627
Mann-Kendall S Value: 11.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

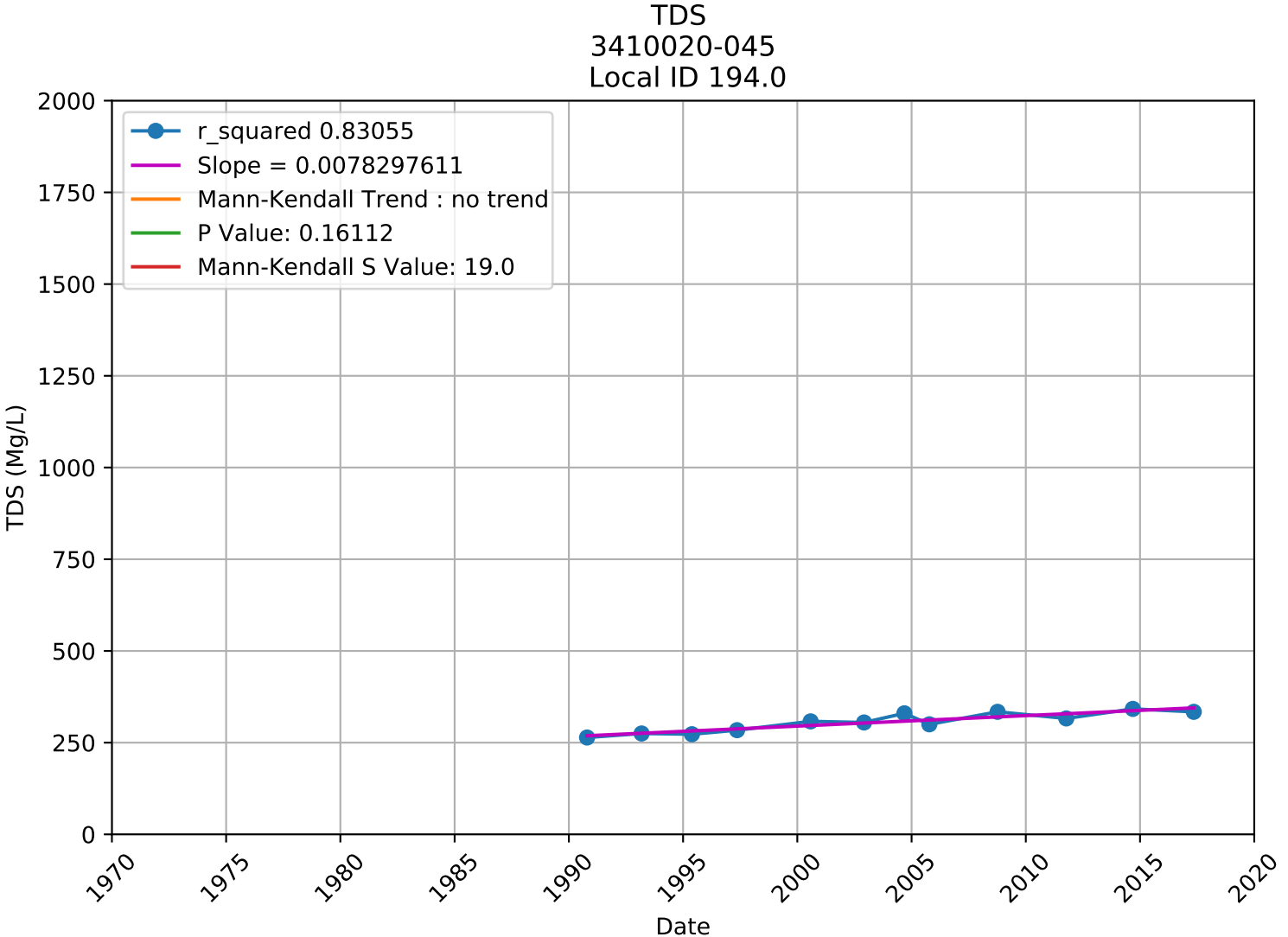

TDS
3410020-039
Local ID 50.0
r_squared 0.43979
Slope = -0.0018841841
Mann-Kendall Trend : no trend
P Value: 0.22067
Mann-Kendall S Value: -6.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

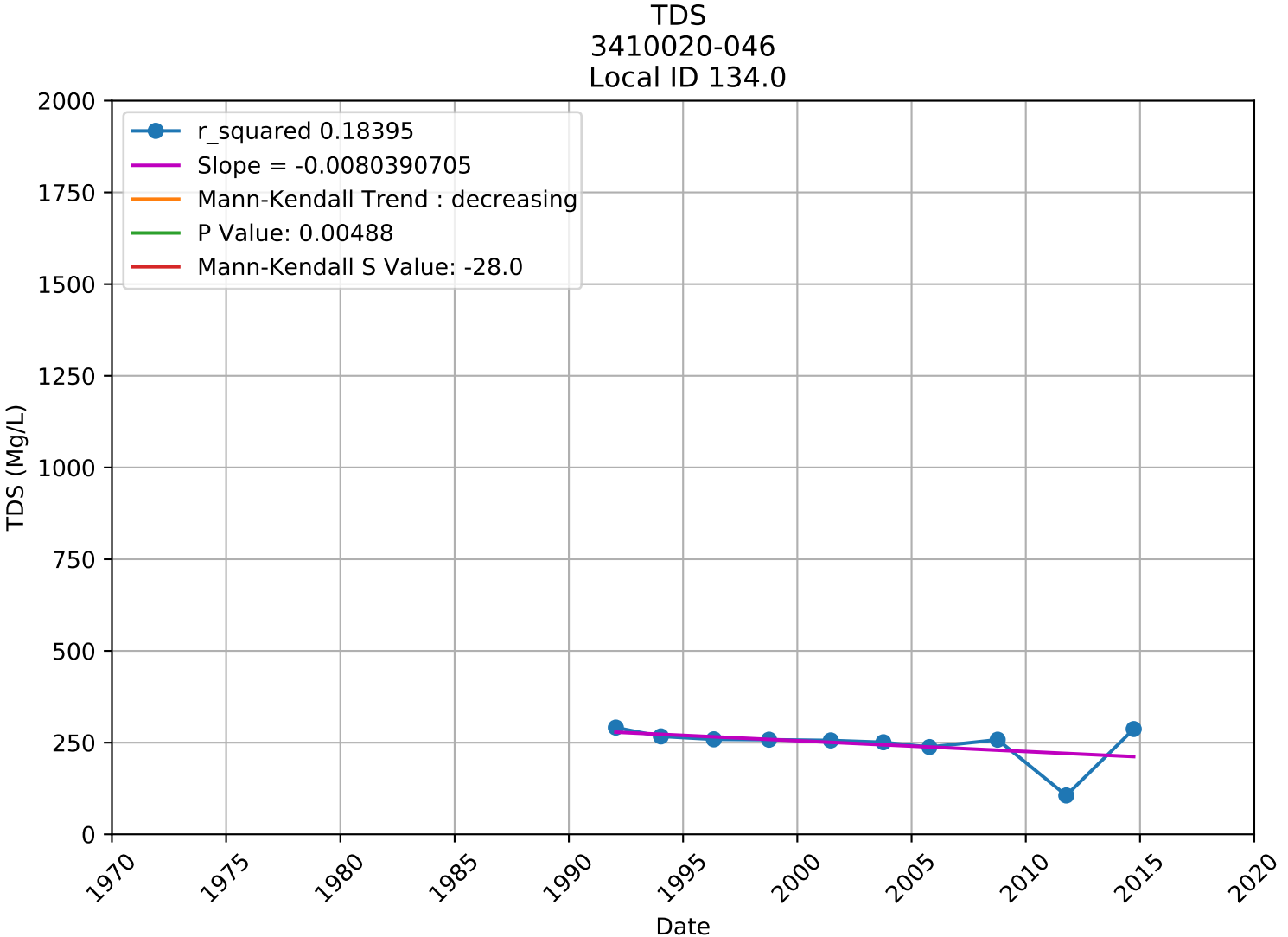

TDS
3410020-040
Local ID 56.0
r_squared 0.00506
Slope = -0.0011505680
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

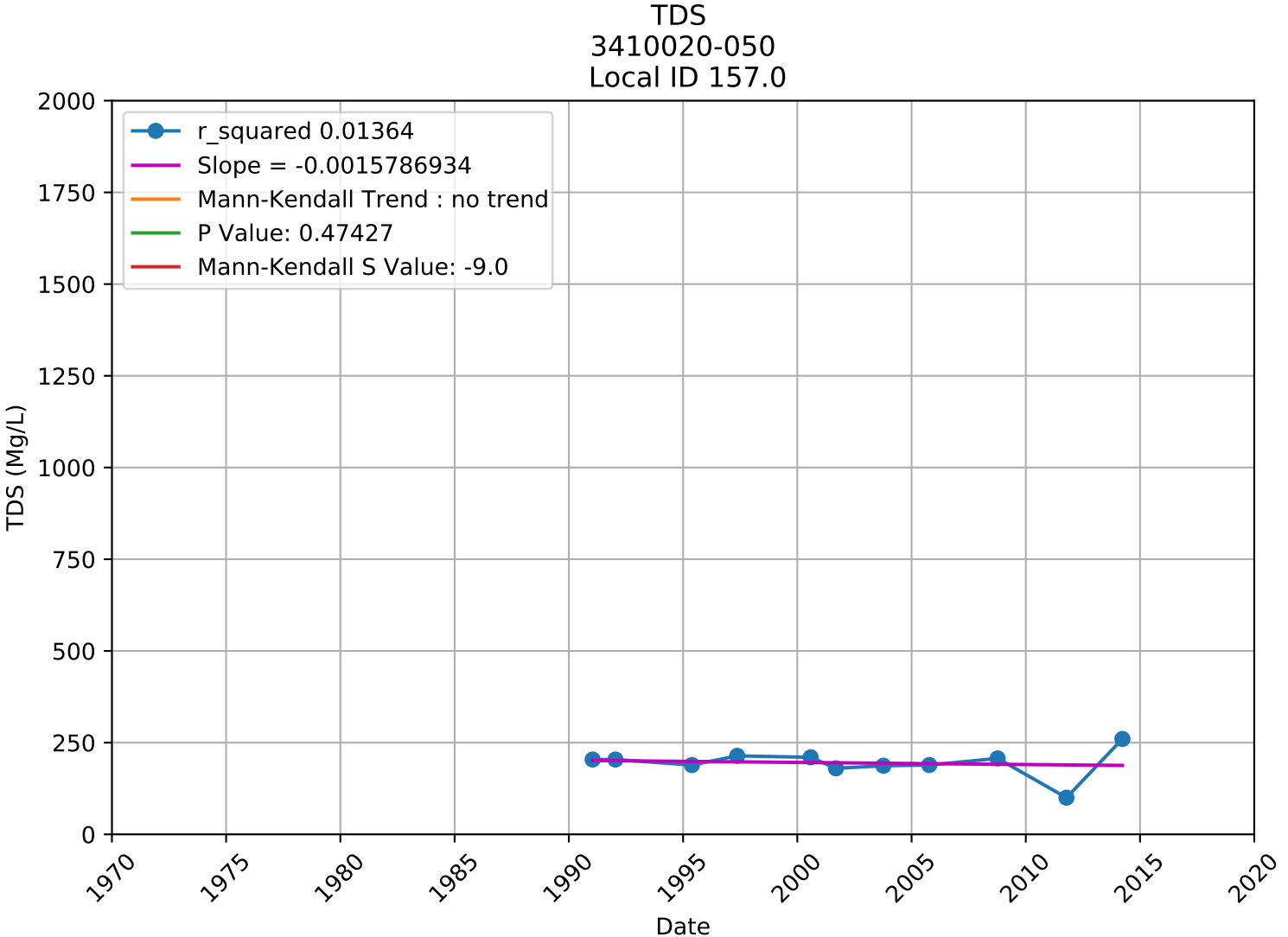

TDS
3410020-041
Local ID 278.0
r_squared 0.00033
Slope = -0.0001845645
Mann-Kendall Trend : no trend
P Value: 0.39036
Mann-Kendall S Value: 12.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

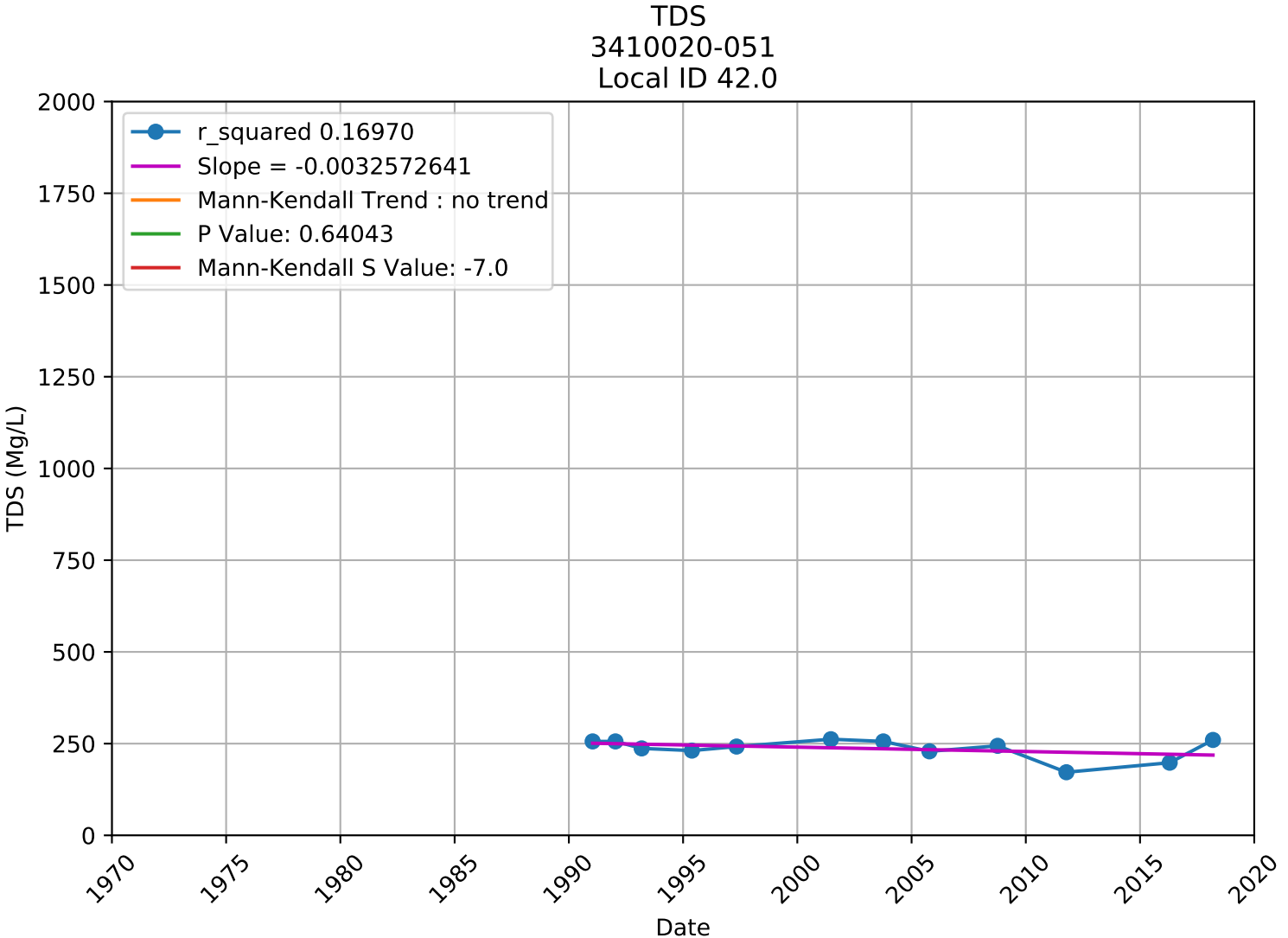

TDS
3410020-042
Local ID 22.0
r_squared 0.65050
Slope = -0.0063314353
Mann-Kendall Trend : no trend
P Value: 0.06349
Mann-Kendall S Value: -16.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

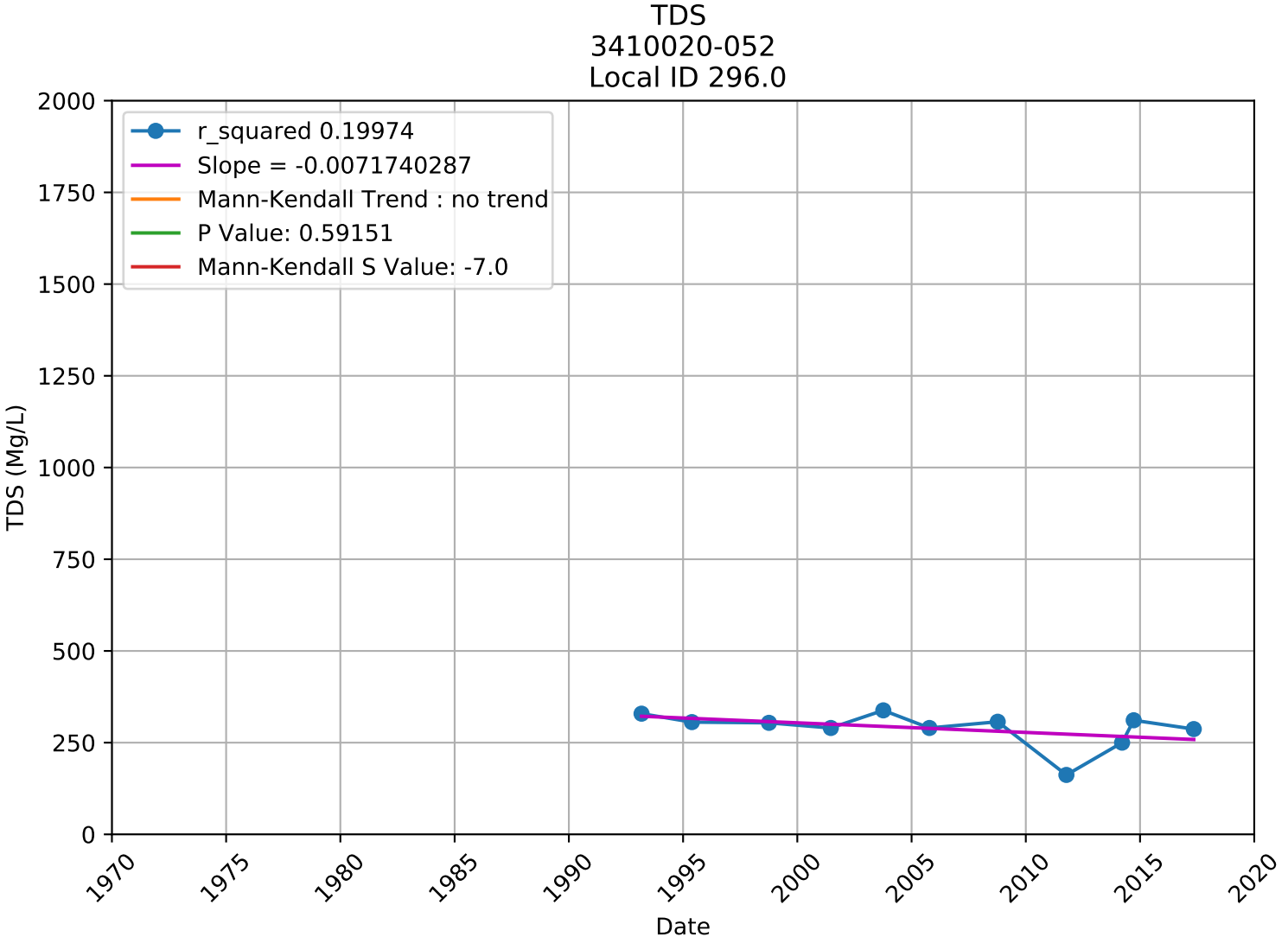

TDS
3410020-044
Local ID 294.0
r_squared 0.44954
Slope = 0.0137072649
Mann-Kendall Trend : no trend
P Value: 0.26551
Mann-Kendall S Value: 10.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

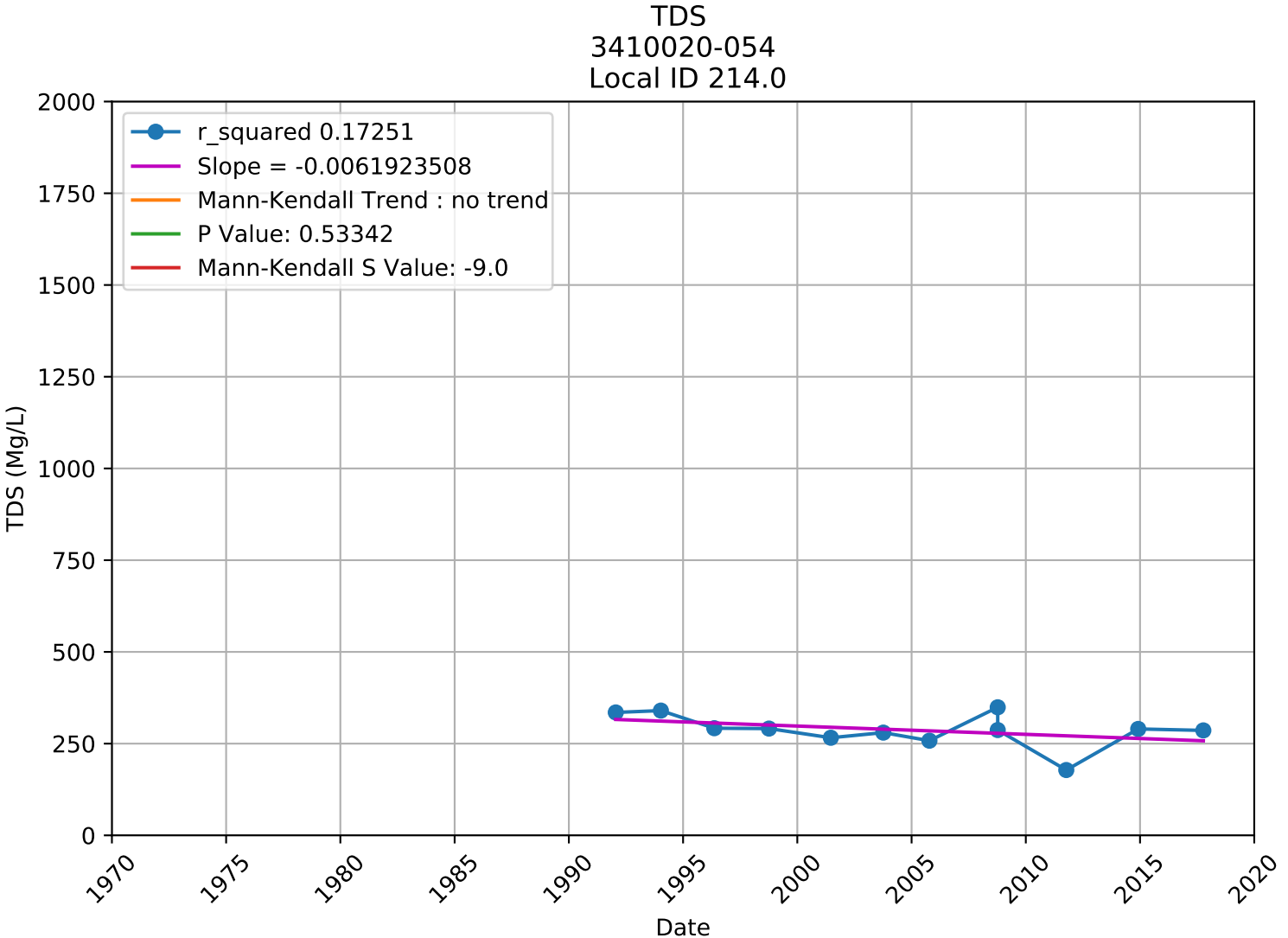

TDS
3410020-045
Local ID 194.0
r_squared 0.83055
Slope = 0.0078297611
Mann-Kendall Trend : no trend
P Value: 0.16112
Mann-Kendall S Value: 19.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

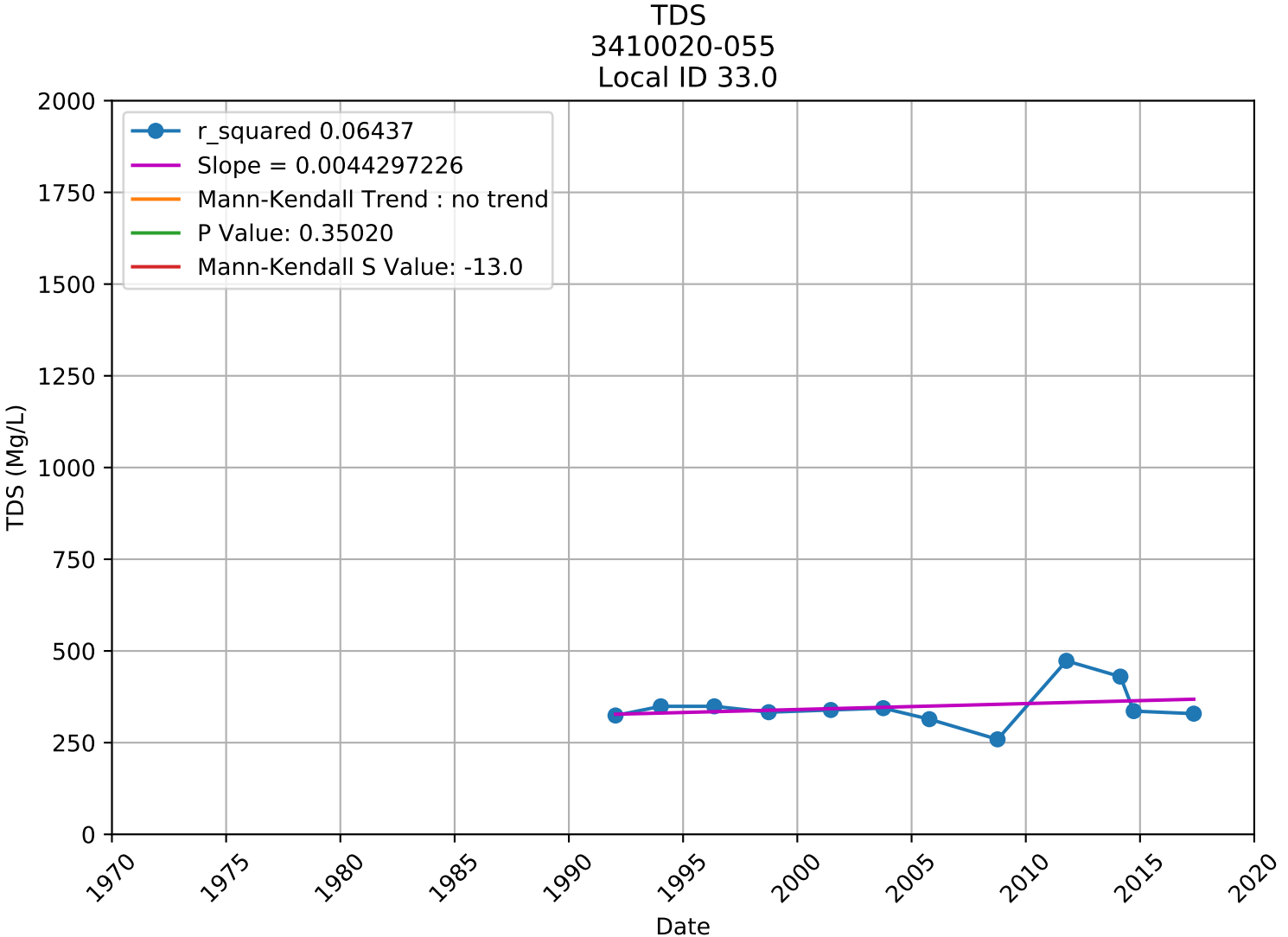

TDS
3410020-046
Local ID 134.0
r_squared 0.18395
Slope = -0.0080390705
Mann-Kendall Trend : decreasing
P Value: 0.00488
Mann-Kendall S Value: -28.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

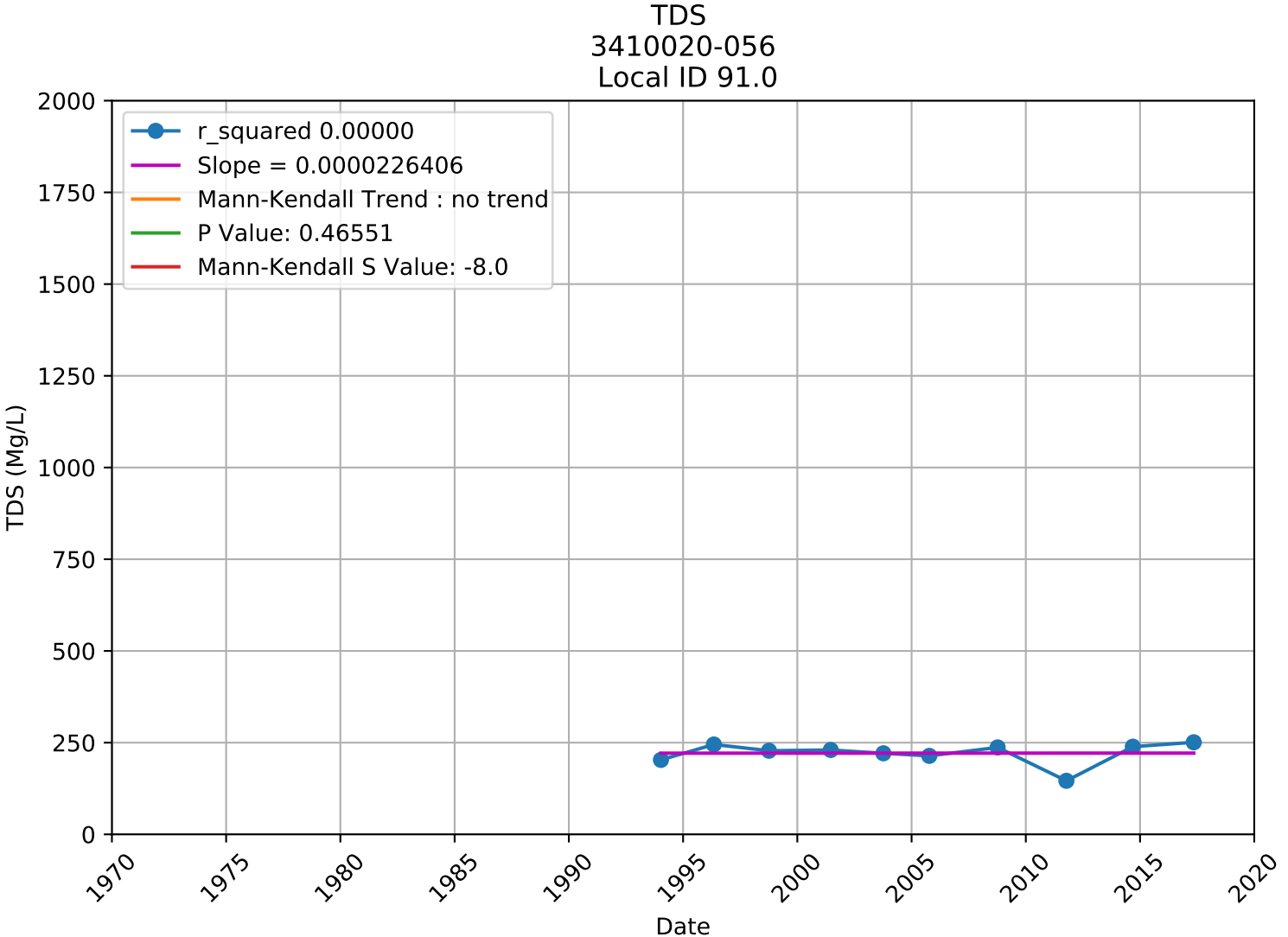

TDS
3410020-050
Local ID 157.0
r_squared 0.01364
Slope = -0.0015786934
Mann-Kendall Trend : no trend
P Value: 0.47427
Mann-Kendall S Value: -9.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

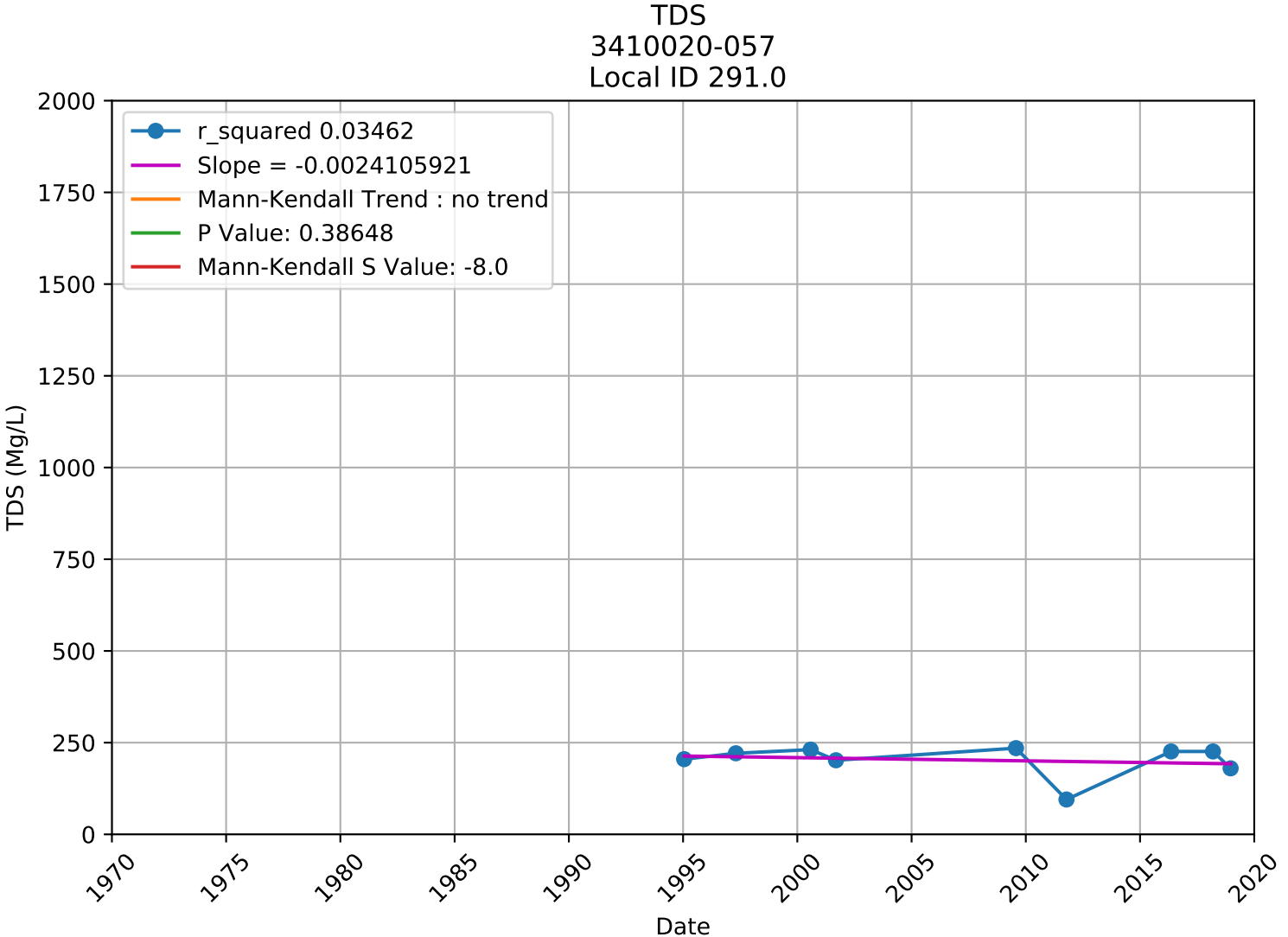

TDS
3410020-051
Local ID 42.0
r_squared 0.16970
Slope = -0.0032572641
Mann-Kendall Trend : no trend
P Value: 0.64043
Mann-Kendall S Value: -7.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

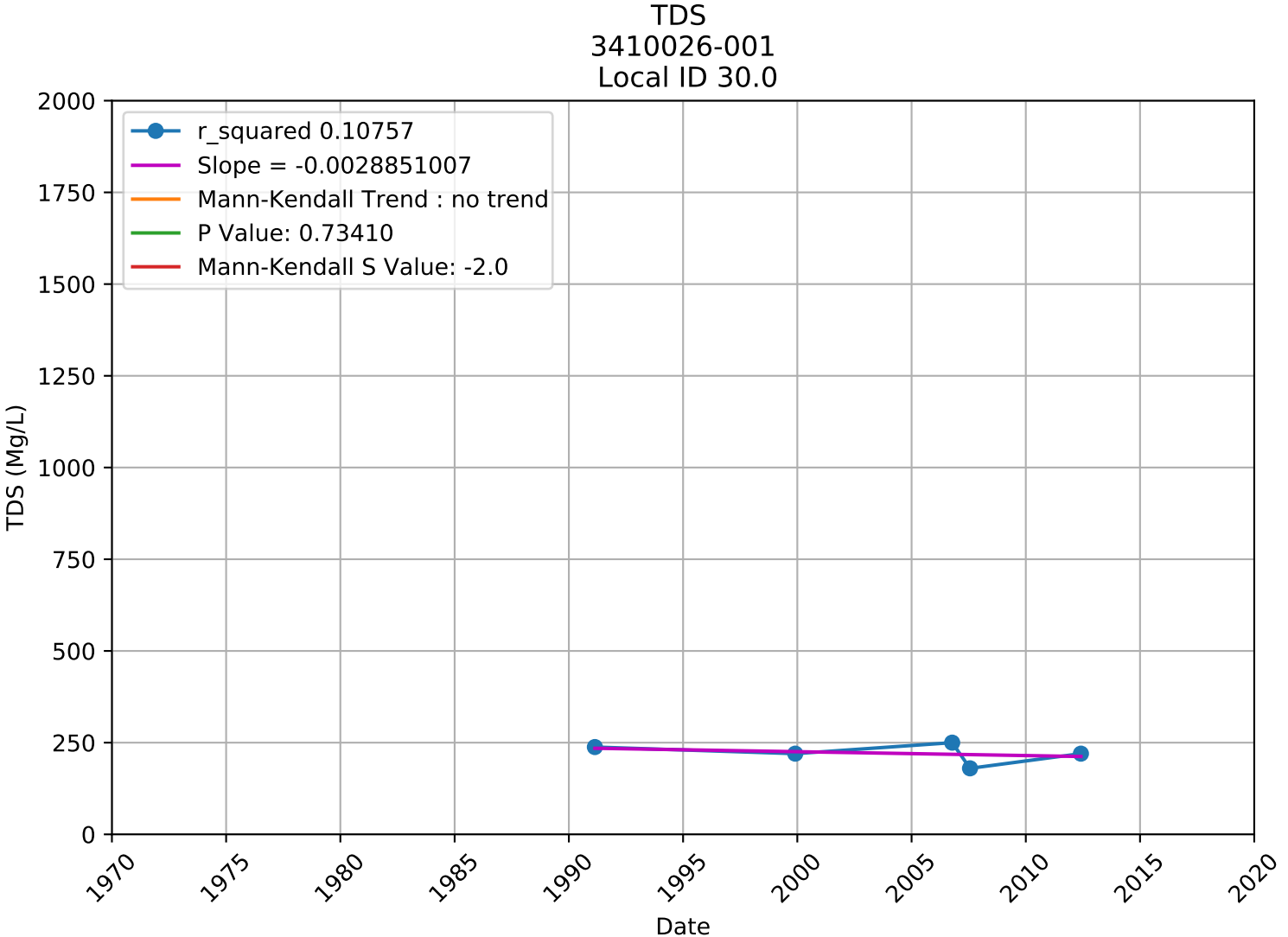

TDS
3410020-052
Local ID 296.0
r_squared 0.19974
Slope = -0.0071740287
Mann-Kendall Trend : no trend
P Value: 0.59151
Mann-Kendall S Value: -7.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

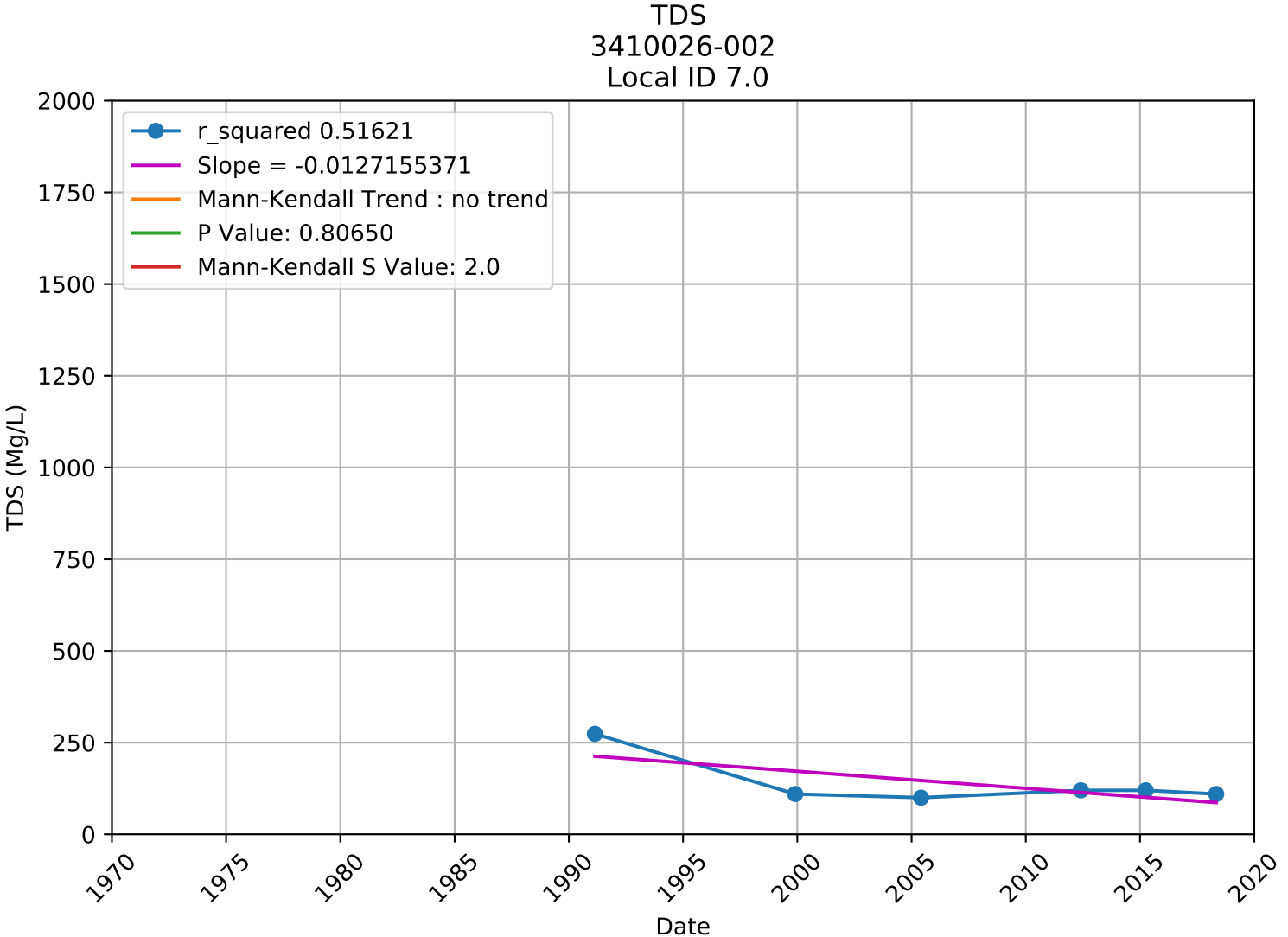

TDS
3410020-054
Local ID 214.0
r_squared 0.17251
Slope = -0.0061923508
Mann-Kendall Trend : no trend
P Value: 0.53342
Mann-Kendall S Value: -9.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

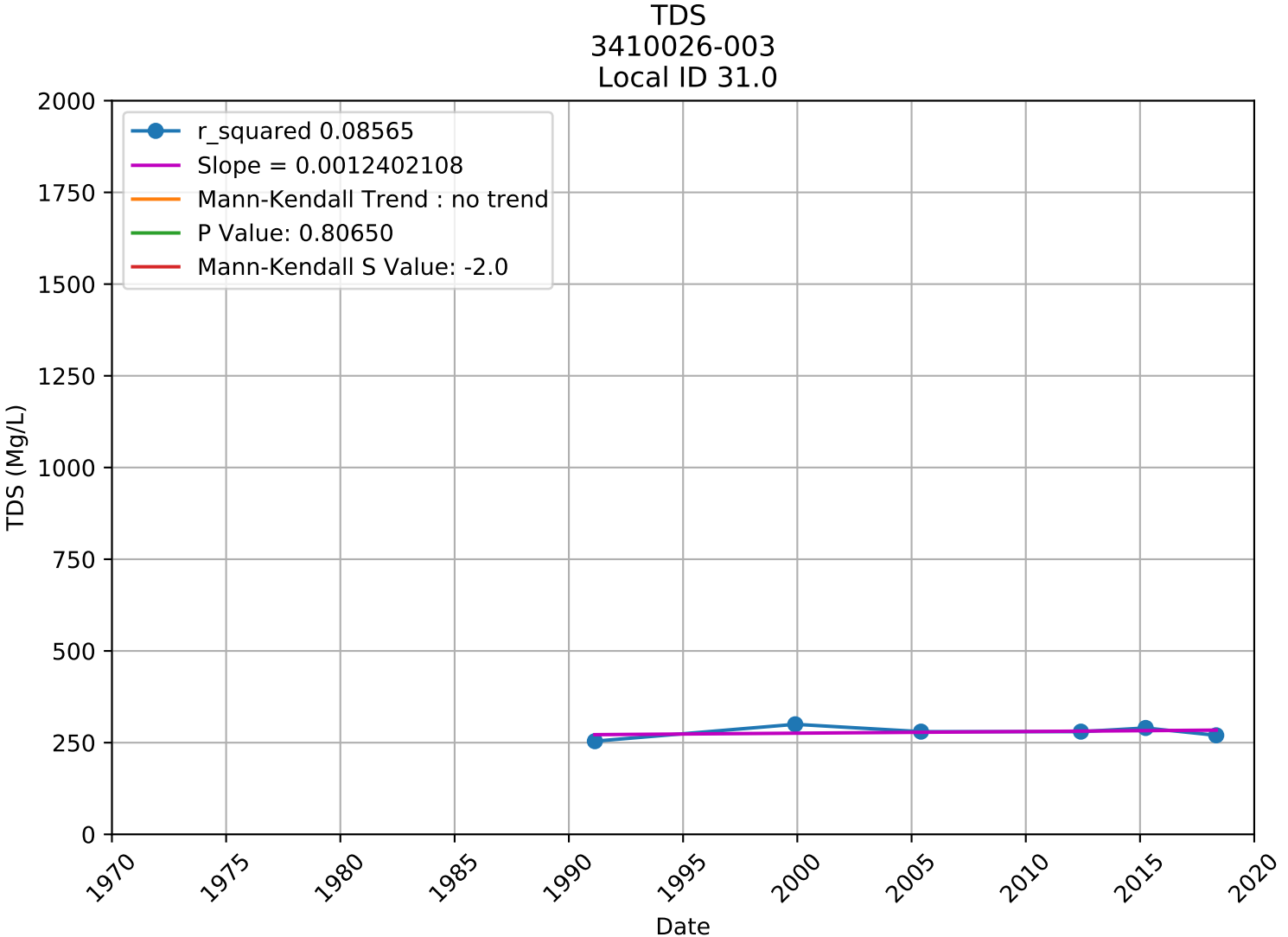

TDS
3410020-055
Local ID 33.0
r_squared 0.06437
Slope = 0.0044297226
Mann-Kendall Trend : no trend
P Value: 0.35020
Mann-Kendall S Value: -13.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

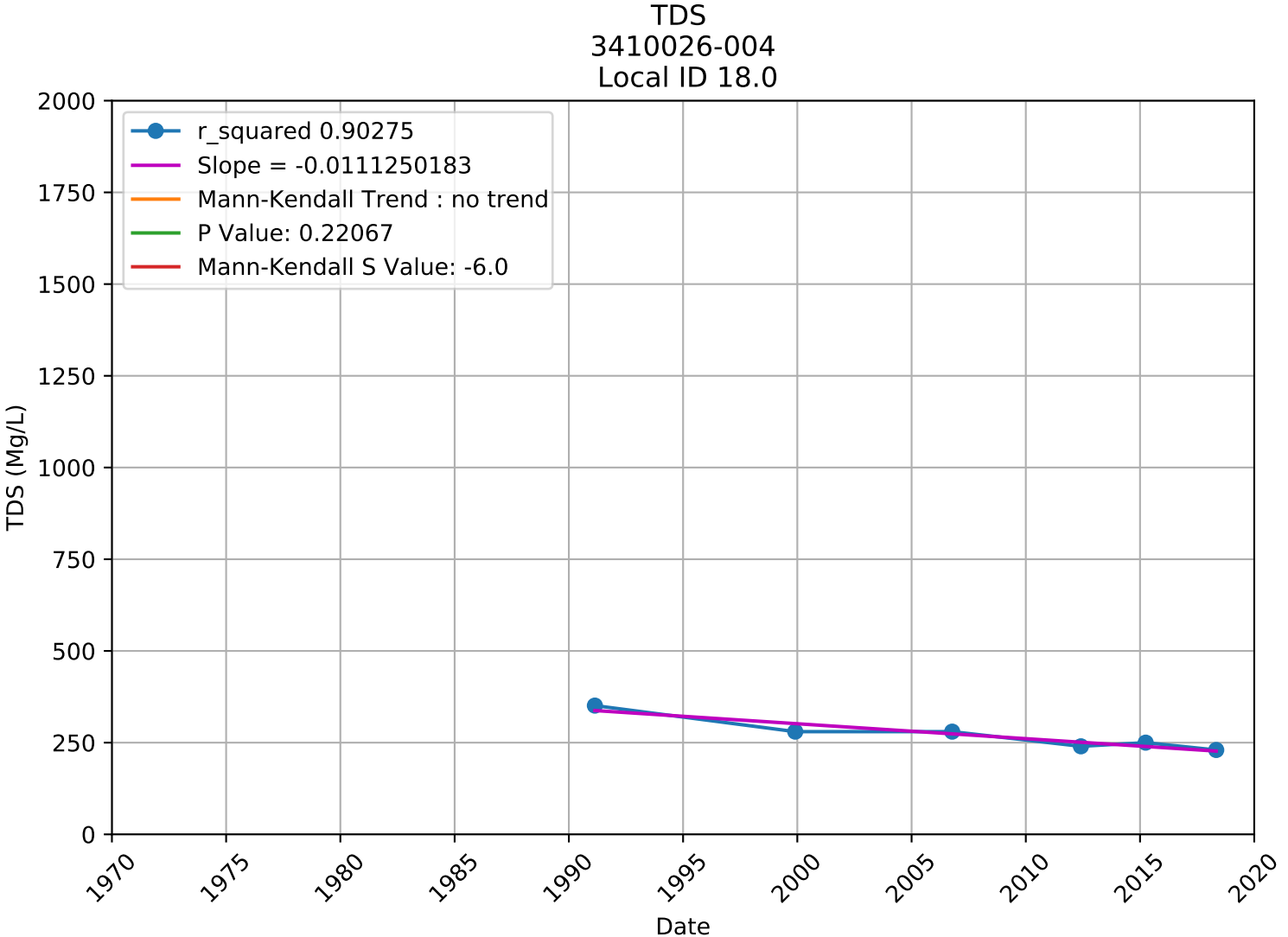

TDS
3410020-056
Local ID 91.0
r_squared 0.00000
Slope = 0.0000226406
Mann-Kendall Trend : no trend
P Value: 0.46551
Mann-Kendall S Value: -8.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

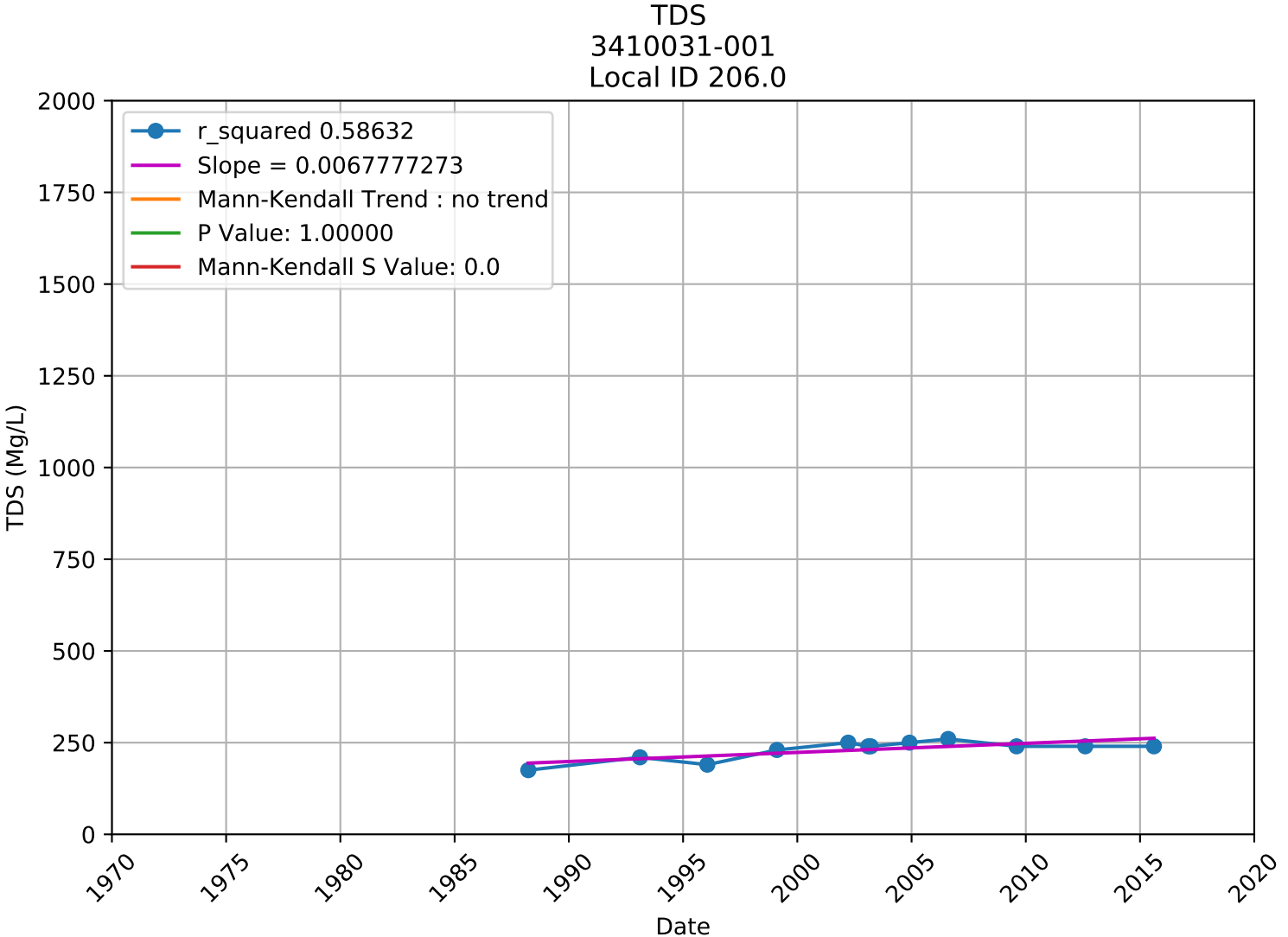

TDS
3410020-057
Local ID 291.0
r_squared 0.03462
Slope = -0.0024105921
Mann-Kendall Trend : no trend
P Value: 0.38648
Mann-Kendall S Value: -8.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

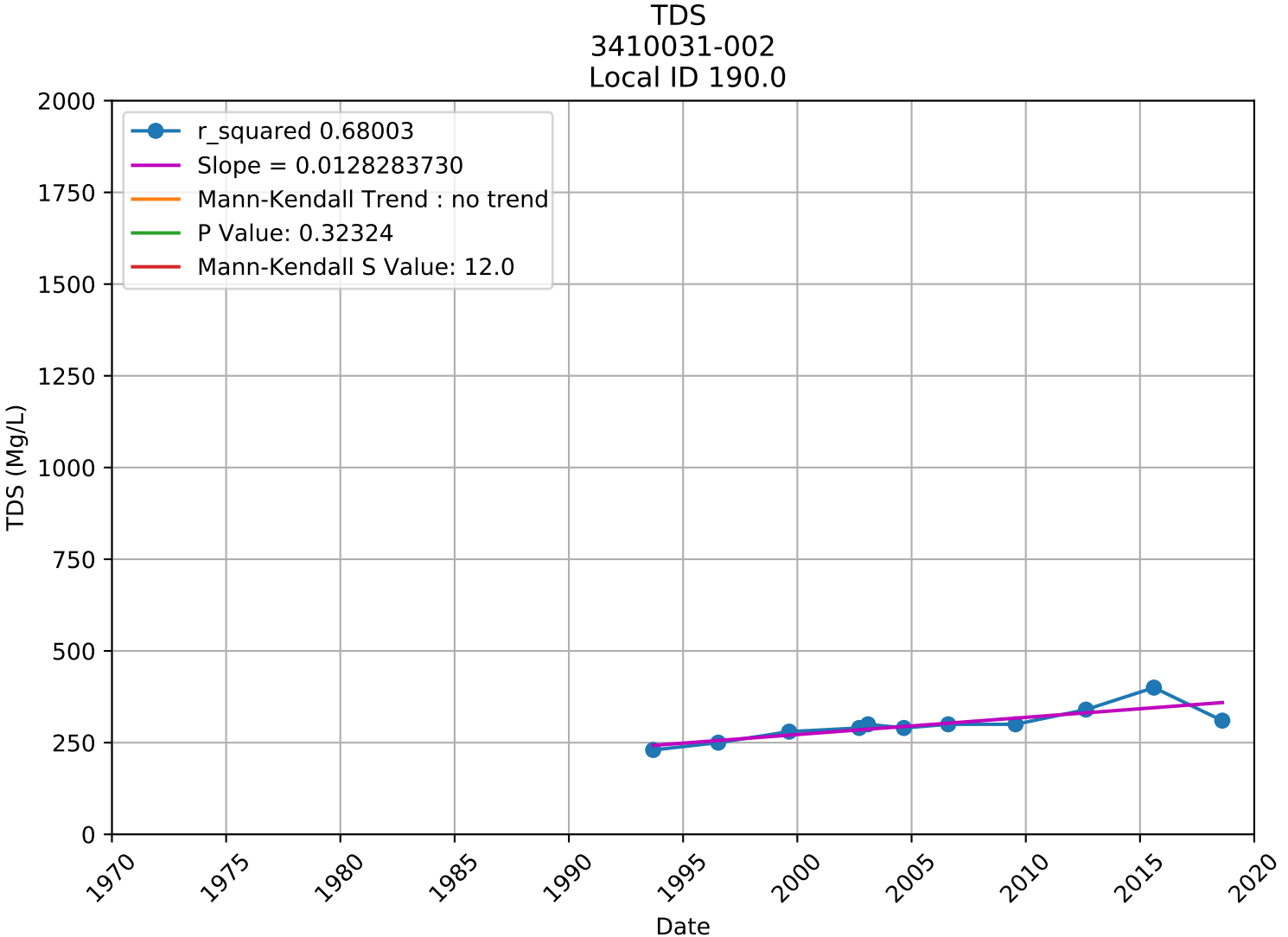

TDS
3410026-001
Local ID 30.0
r_squared 0.10757
Slope = -0.0028851007
Mann-Kendall Trend : no trend
P Value: 0.73410
Mann-Kendall S Value: -2.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

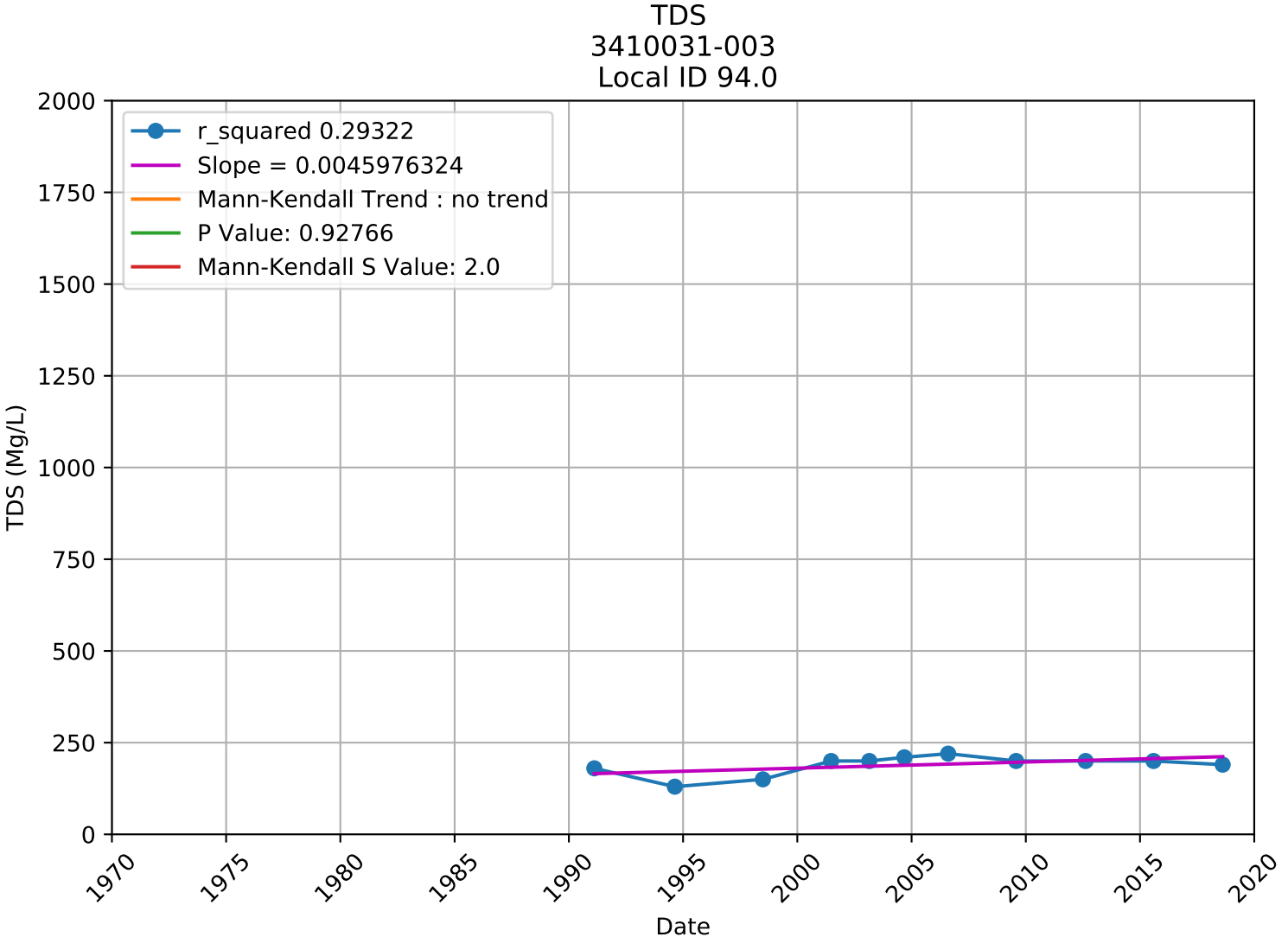

TDS
3410026-002
Local ID 7.0
r_squared 0.51621
Slope = -0.0127155371
Mann-Kendall Trend : no trend
P Value: 0.80650
Mann-Kendall S Value: 2.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

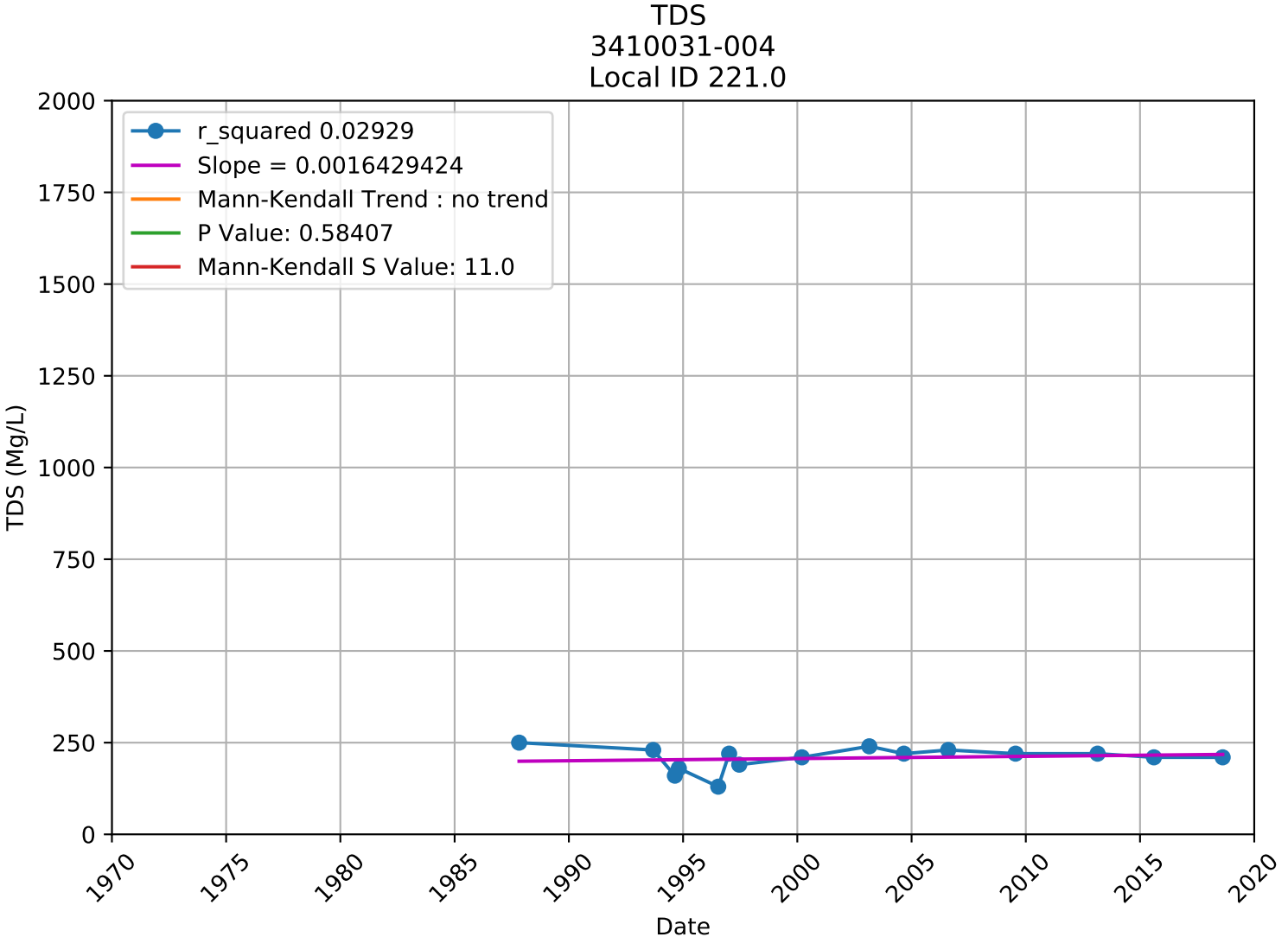

TDS
3410026-003
Local ID 31.0
r_squared 0.08565
Slope = 0.0012402108
Mann-Kendall Trend : no trend
P Value: 0.80650
Mann-Kendall S Value: -2.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

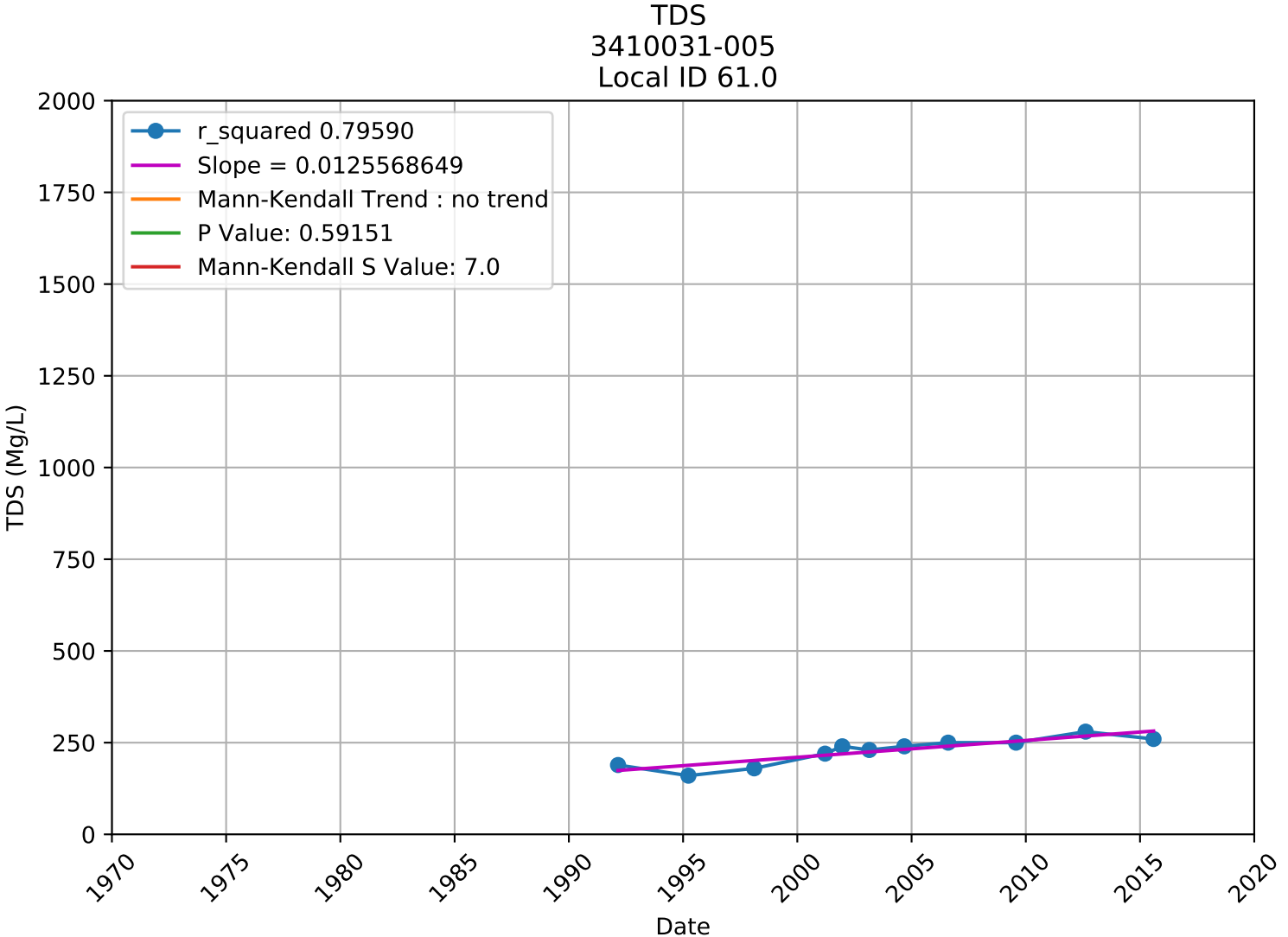

TDS
3410026-004
Local ID 18.0
r_squared 0.90275
Slope = -0.0111250183
Mann-Kendall Trend : no trend
P Value: 0.22067
Mann-Kendall S Value: -6.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

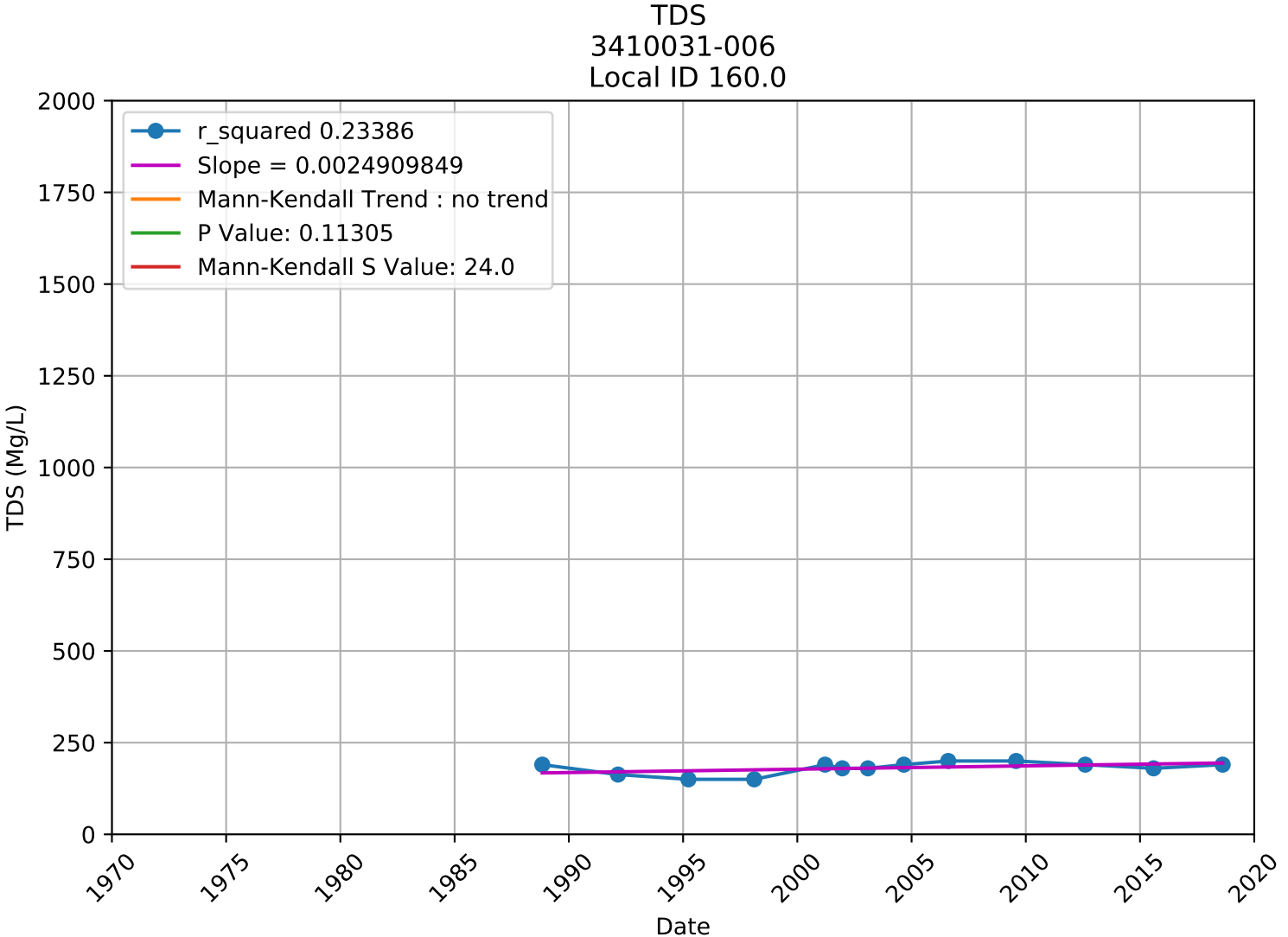

TDS
3410031-001
Local ID 206.0
r_squared 0.58632
Slope = 0.0067777273
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

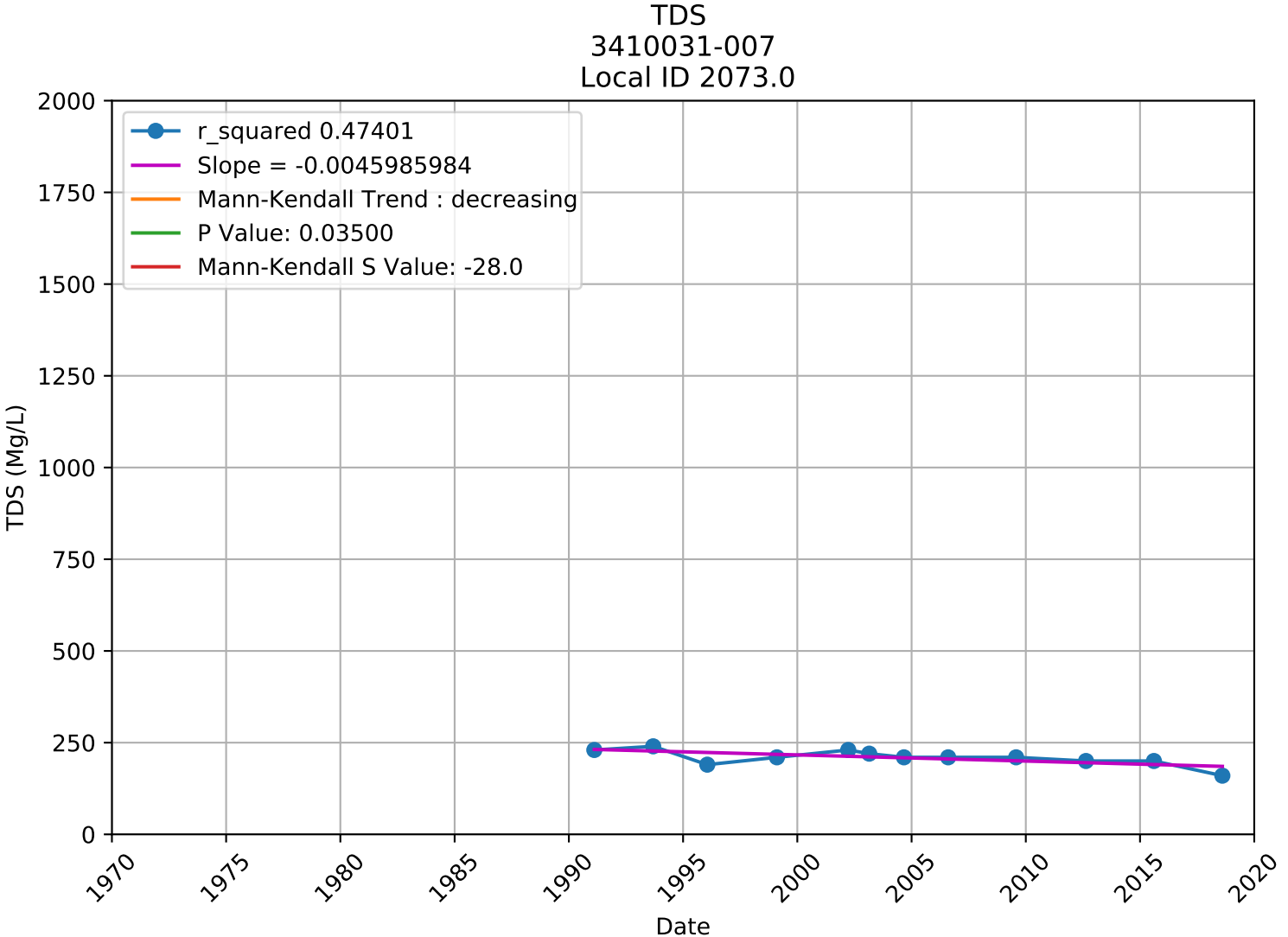

TDS
3410031-002
Local ID 190.0
r_squared 0.68003
Slope = 0.0128283730
Mann-Kendall Trend : no trend
P Value: 0.32324
Mann-Kendall S Value: 12.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

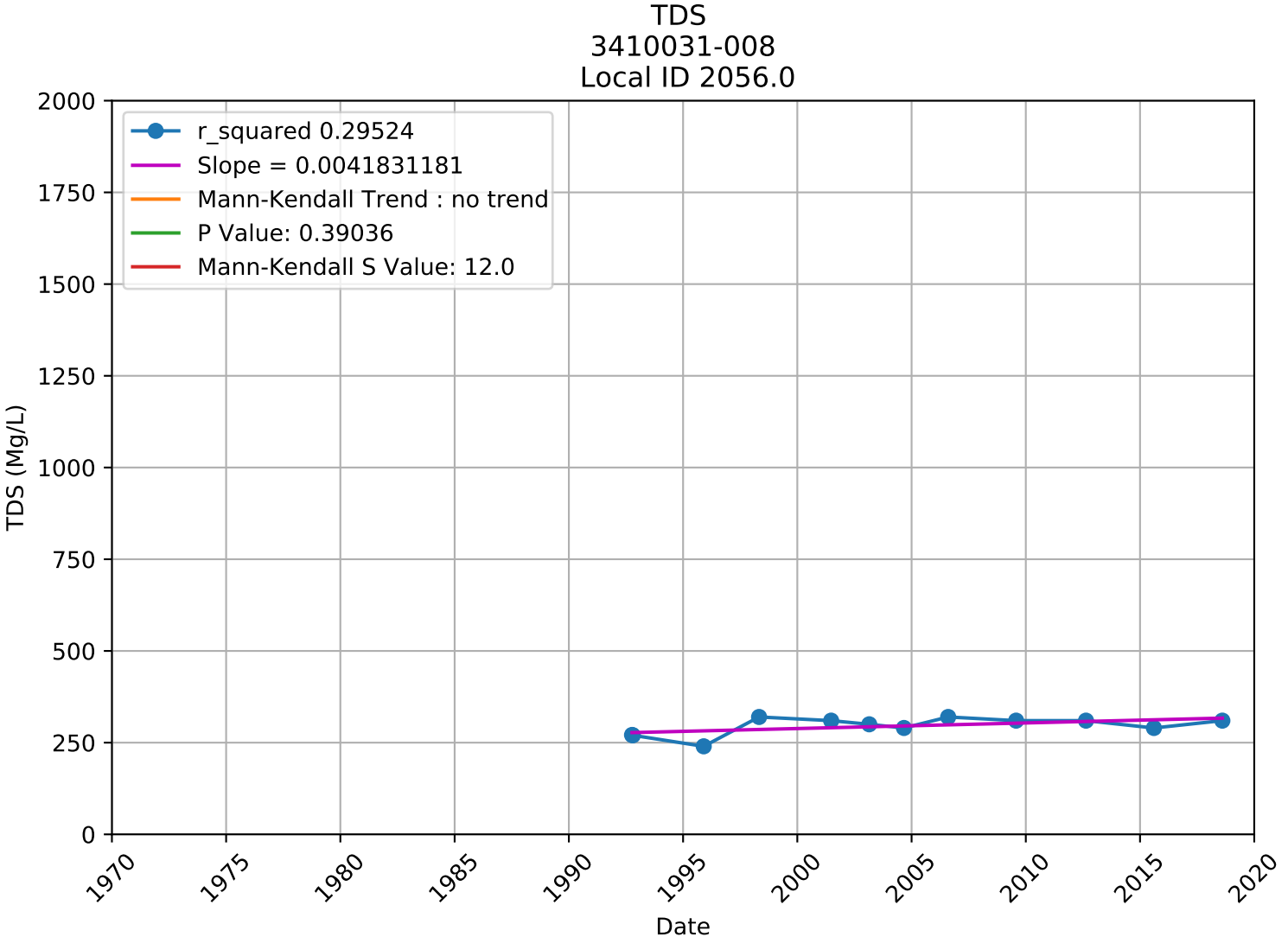

TDS
3410031-003
Local ID 94.0
r_squared 0.29322
Slope = 0.0045976324
Mann-Kendall Trend : no trend
P Value: 0.92766
Mann-Kendall S Value: 2.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

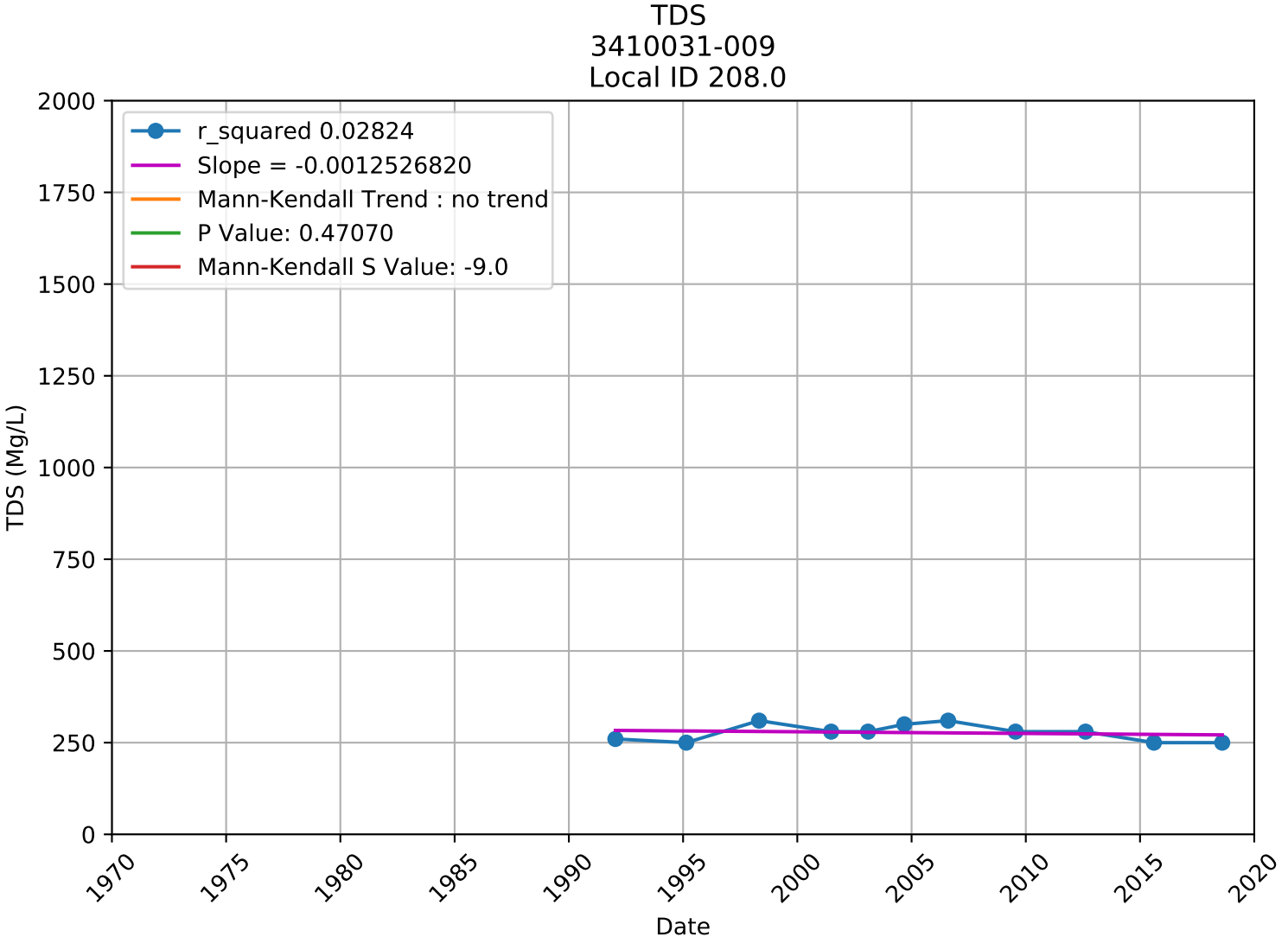

TDS
3410031-004
Local ID 221.0
r_squared 0.02929
Slope = 0.0016429424
Mann-Kendall Trend : no trend
P Value: 0.58407
Mann-Kendall S Value: 11.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

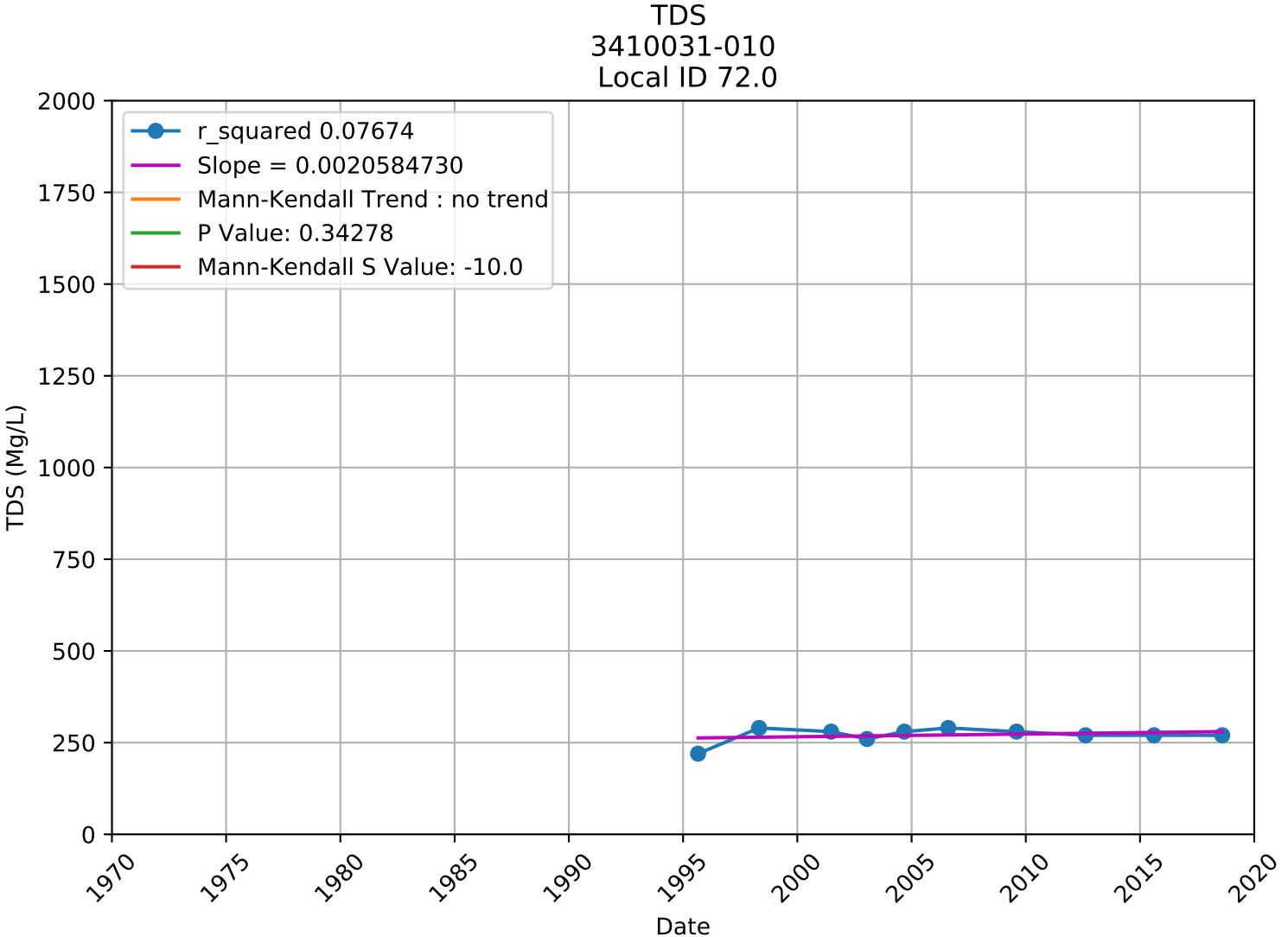

TDS
3410031-005
Local ID 61.0
r_squared 0.79590
Slope = 0.0125568649
Mann-Kendall Trend : no trend
P Value: 0.59151
Mann-Kendall S Value: 7.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

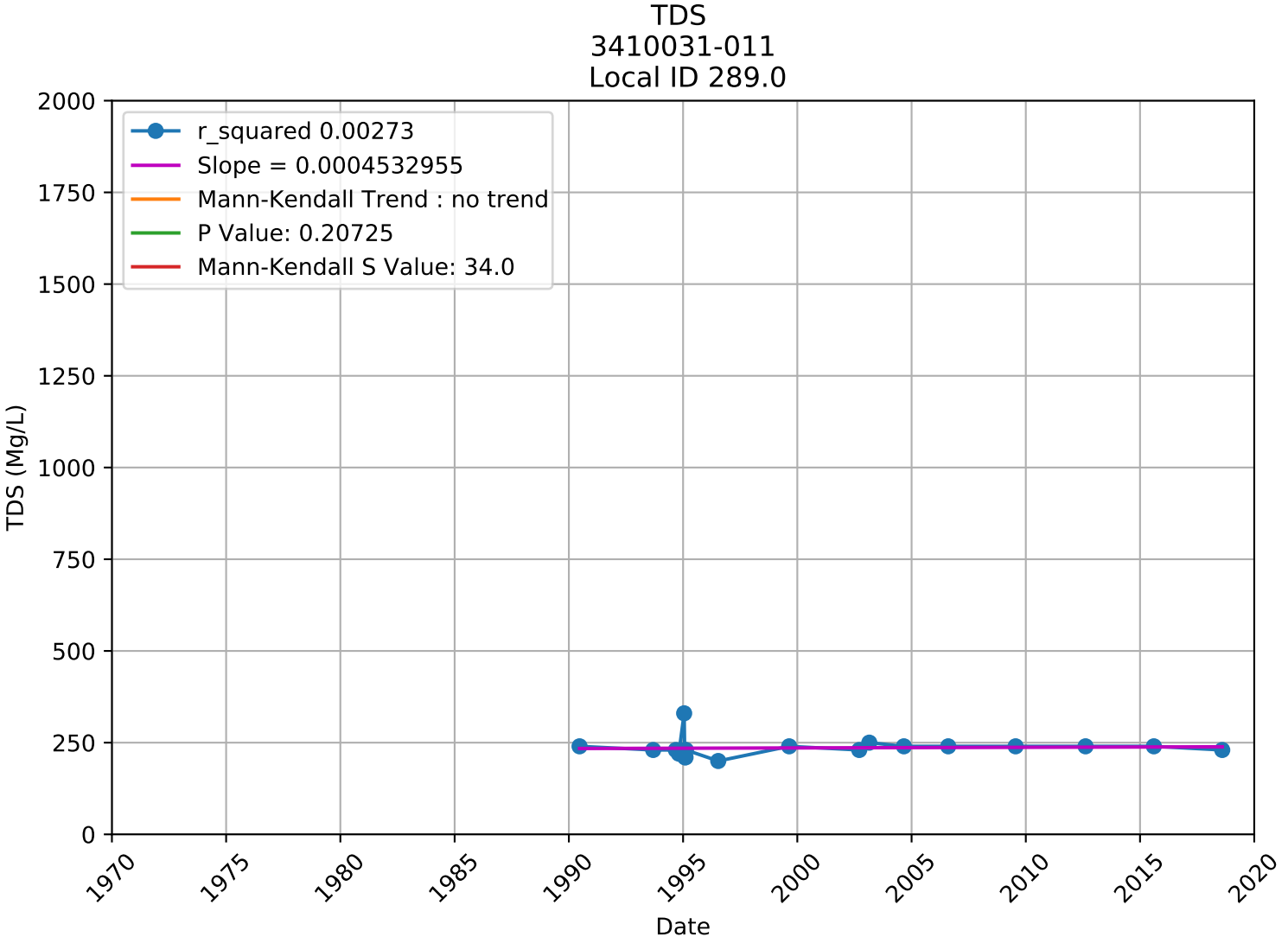

TDS
3410031-006
Local ID 160.0
r_squared 0.23386
Slope = 0.0024909849
Mann-Kendall Trend : no trend
P Value: 0.11305
Mann-Kendall S Value: 24.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

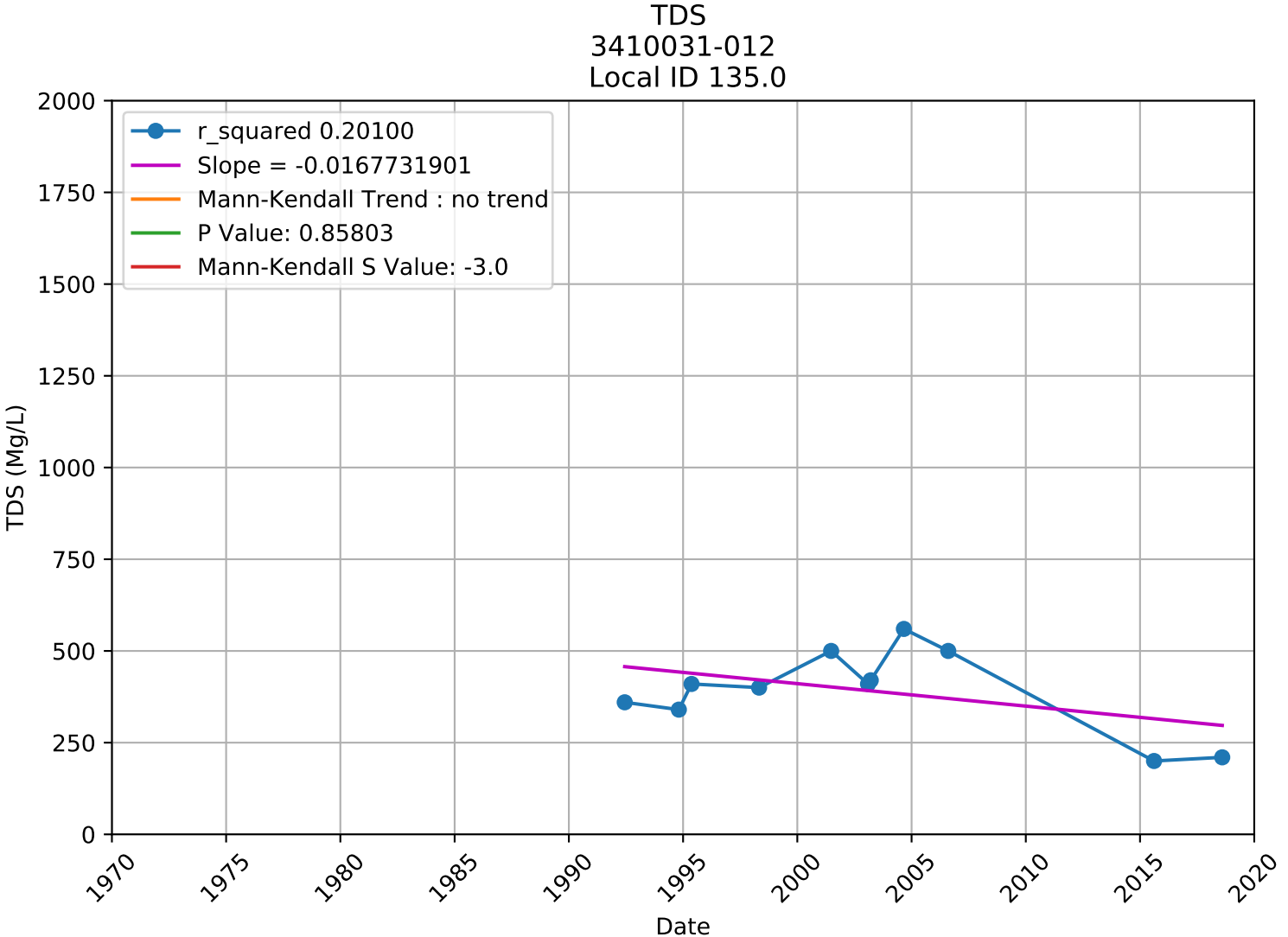

TDS
3410031-007
Local ID 2073.0
r_squared 0.47401
Slope = -0.0045985984
Mann-Kendall Trend : decreasing
P Value: 0.03500
Mann-Kendall S Value: -28.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

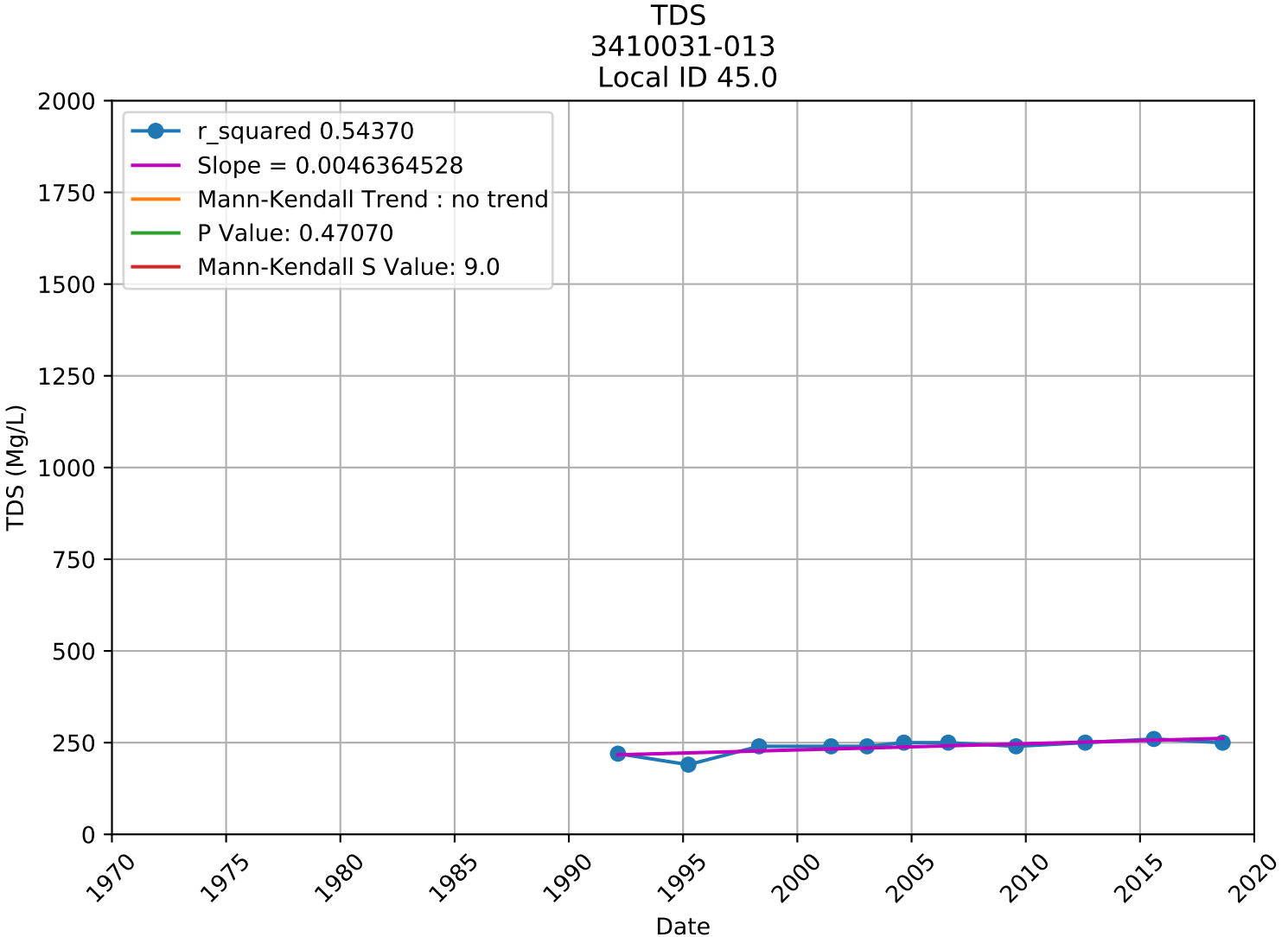

TDS
3410031-008
Local ID 2056.0
r_squared 0.29524
Slope = 0.0041831181
Mann-Kendall Trend : no trend
P Value: 0.39036
Mann-Kendall S Value: 12.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

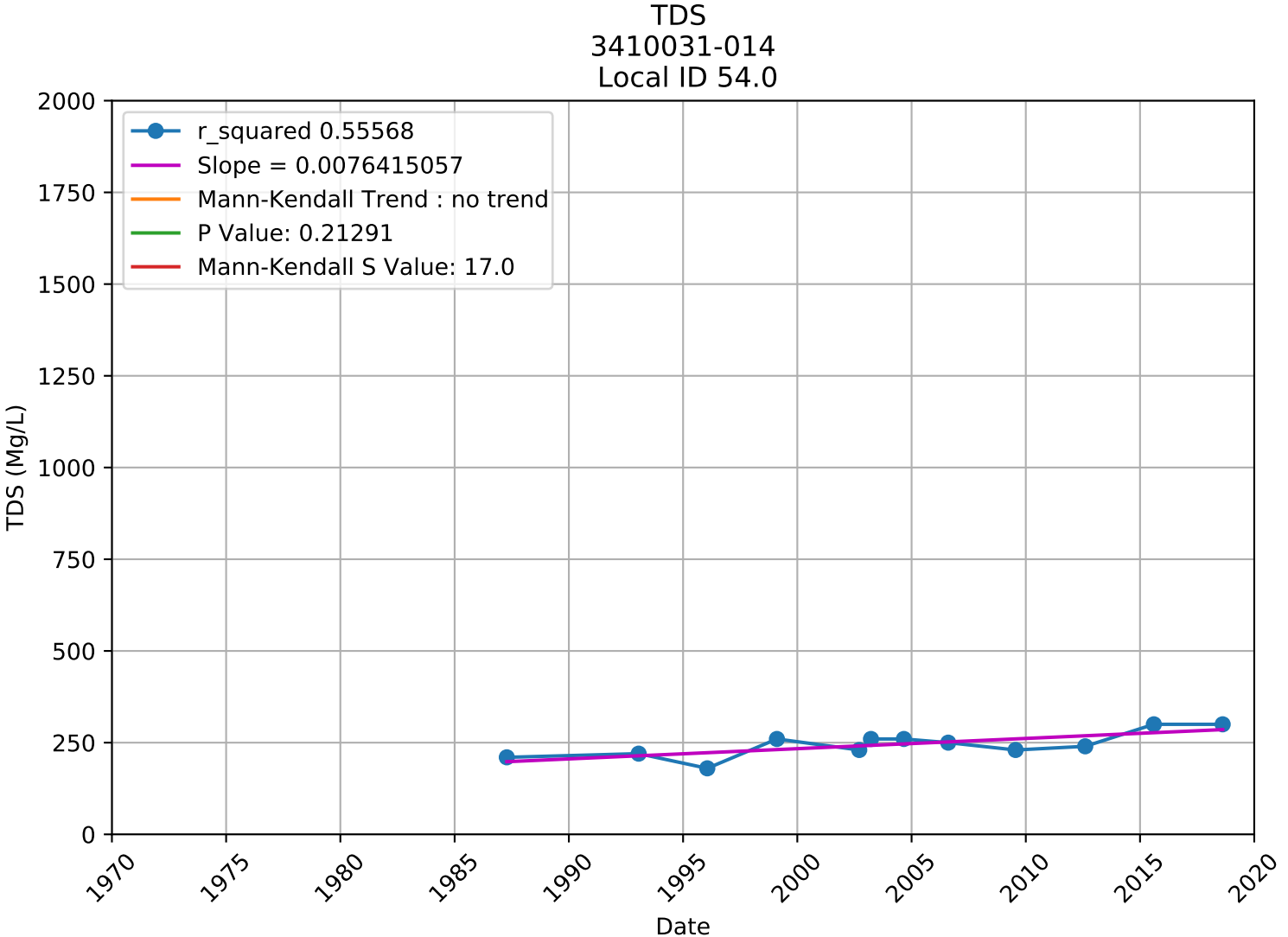

TDS
3410031-009
Local ID 208.0
r_squared 0.02824
Slope = -0.0012526820
Mann-Kendall Trend : no trend
P Value: 0.47070
Mann-Kendall S Value: -9.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

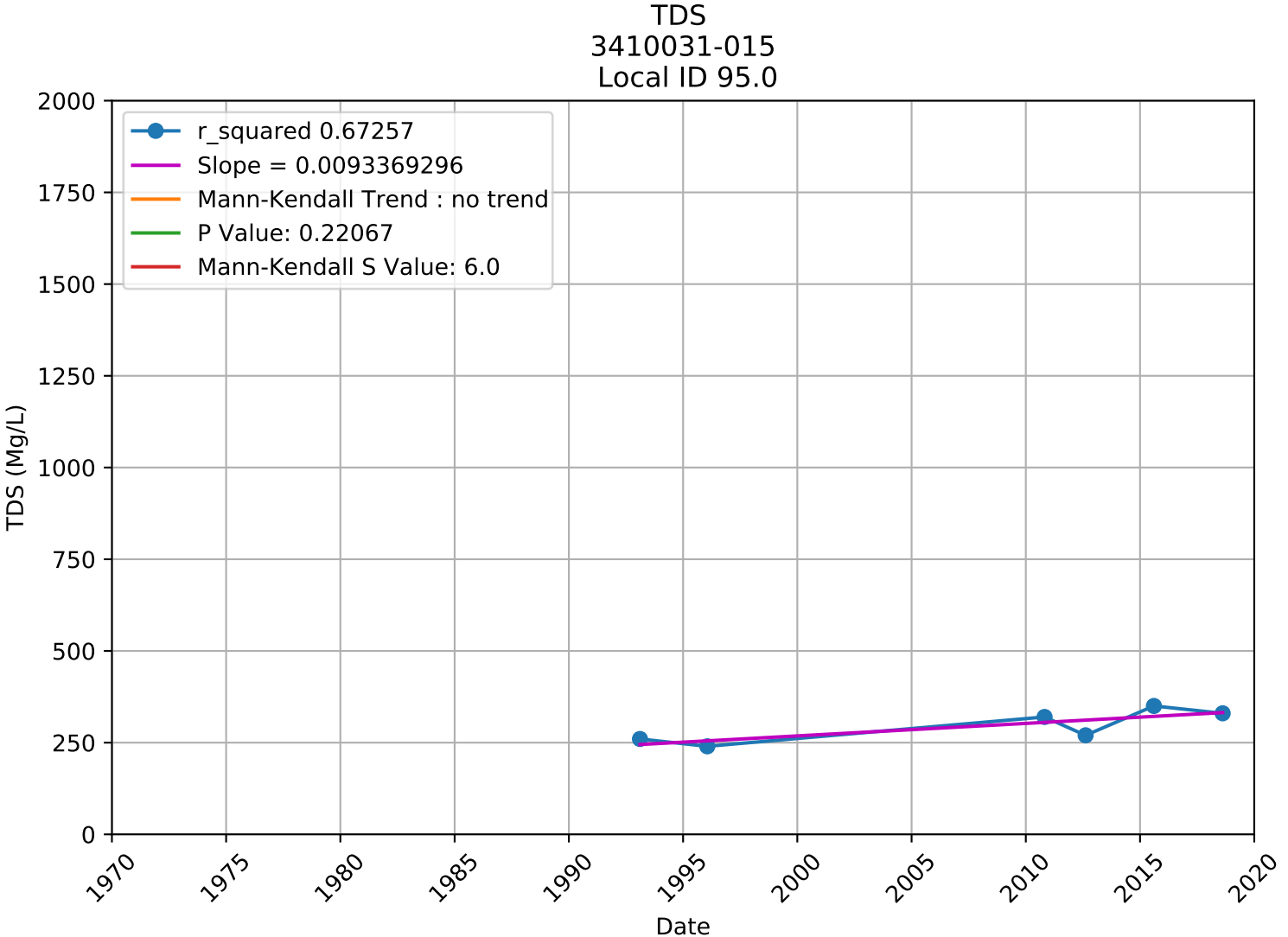

TDS
3410031-010
Local ID 72.0
r_squared 0.07674
Slope = 0.0020584730
Mann-Kendall Trend : no trend
P Value: 0.34278
Mann-Kendall S Value: -10.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

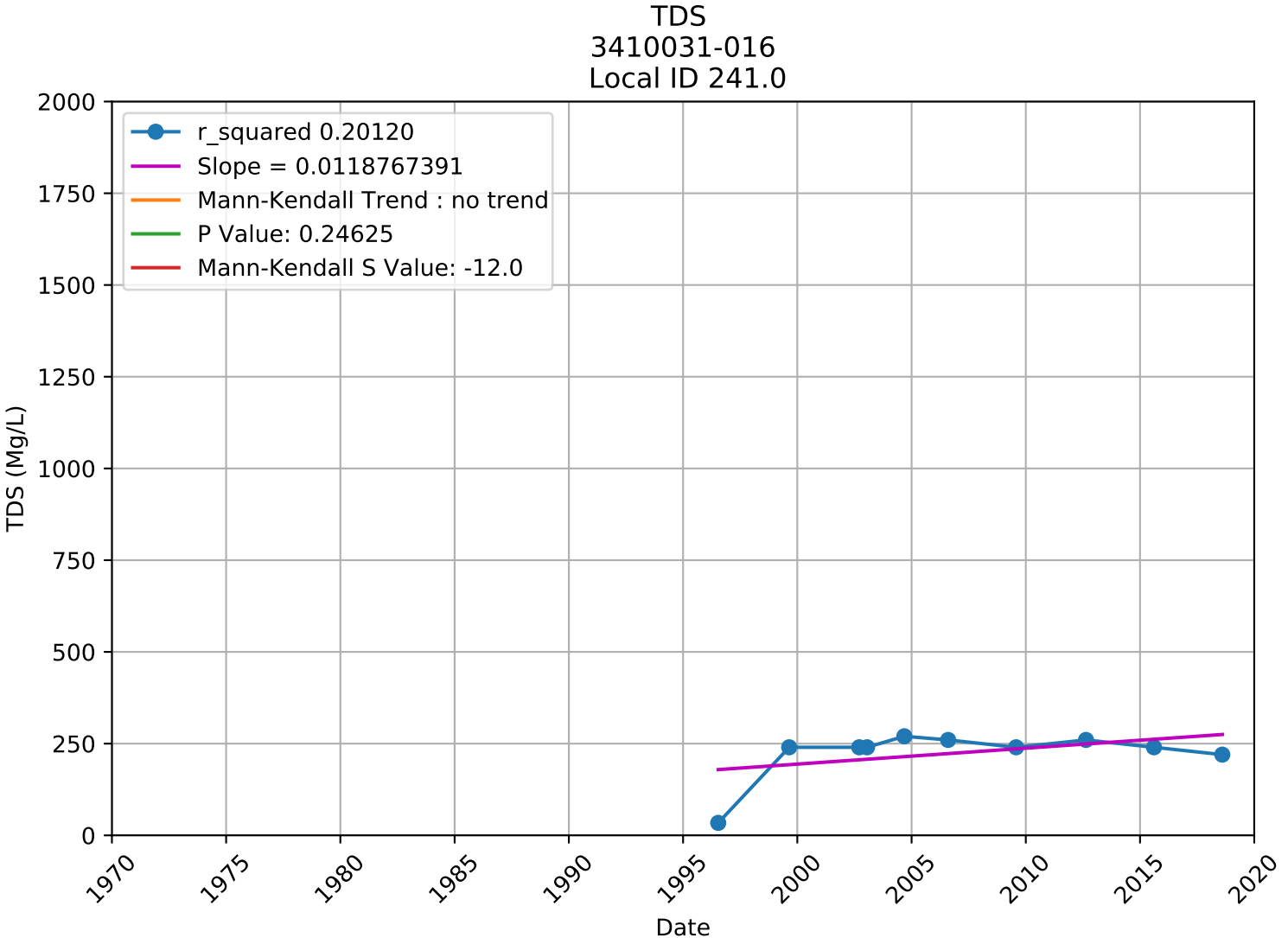

TDS
3410031-011
Local ID 289.0
r_squared 0.00273
Slope = 0.0004532955
Mann-Kendall Trend : no trend
P Value: 0.20725
Mann-Kendall S Value: 34.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

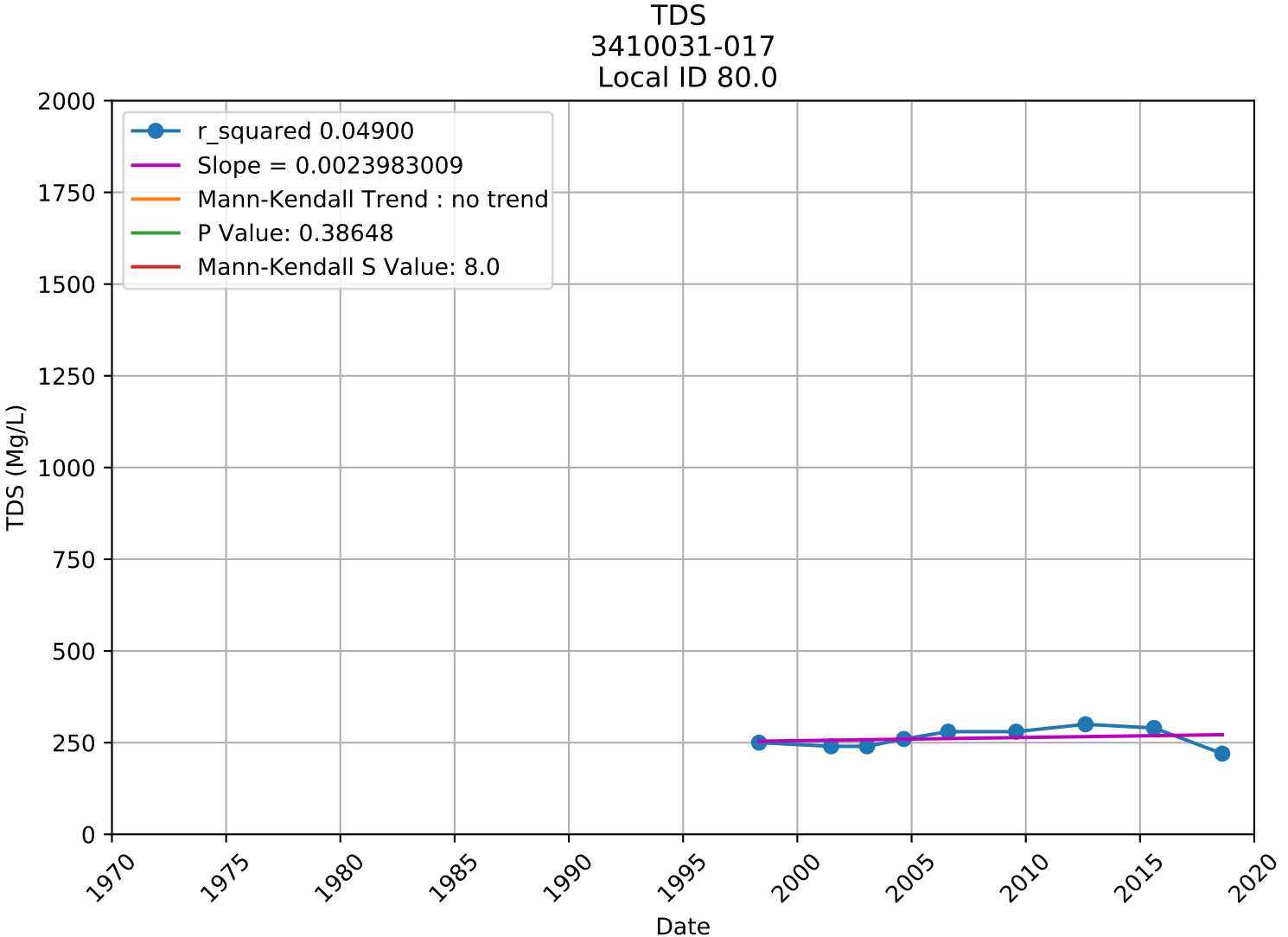

TDS
3410031-012
Local ID 135.0
r_squared 0.20100
Slope = -0.0167731901
Mann-Kendall Trend : no trend
P Value: 0.85803
Mann-Kendall S Value: -3.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

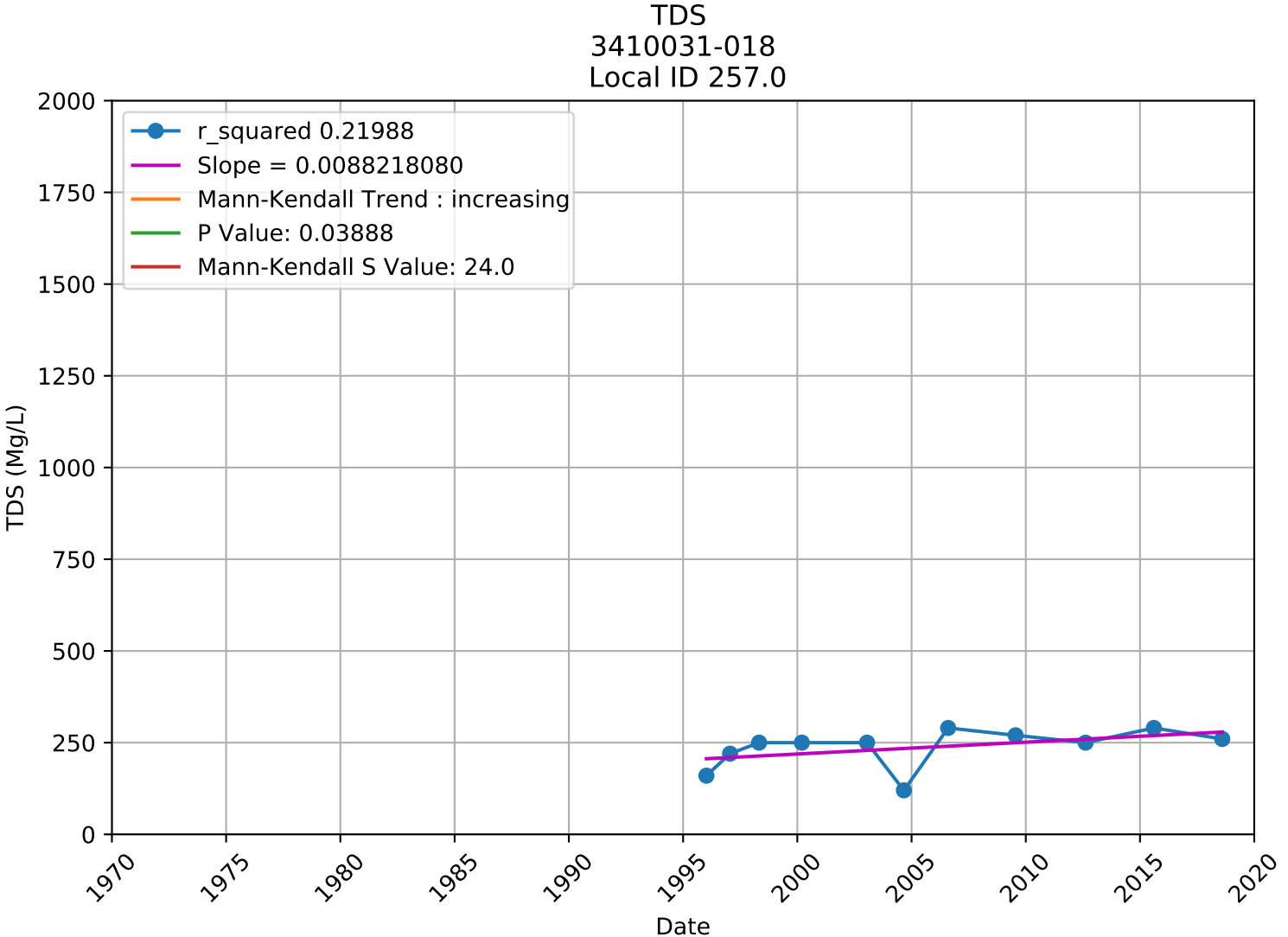

TDS
3410031-013
Local ID 45.0
r_squared 0.54370
Slope = 0.0046364528
Mann-Kendall Trend : no trend
P Value: 0.47070
Mann-Kendall S Value: 9.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

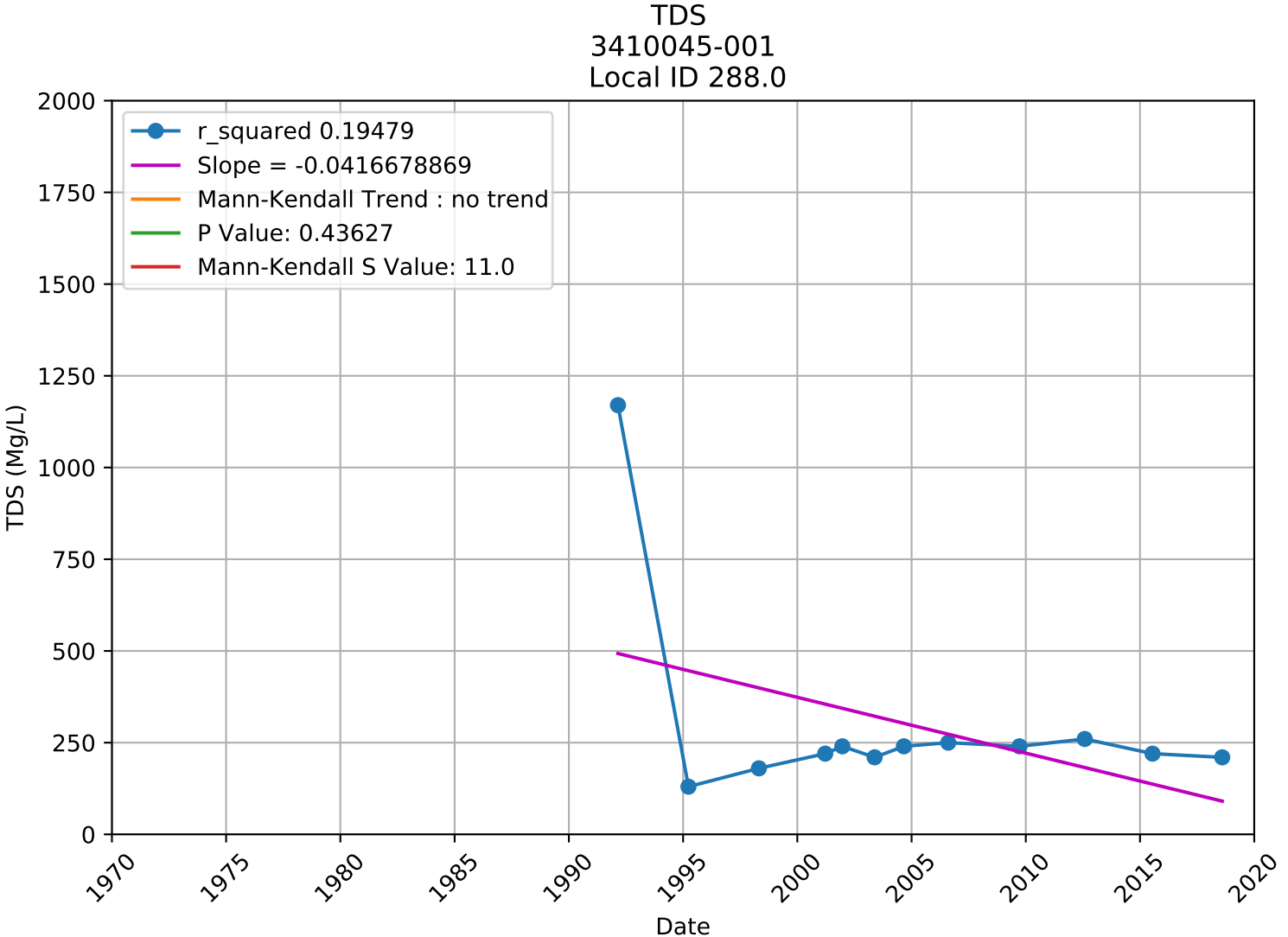

TDS
3410031-014
Local ID 54.0
r_squared 0.55568
Slope = 0.0076415057
Mann-Kendall Trend : no trend
P Value: 0.21291
Mann-Kendall S Value: 17.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

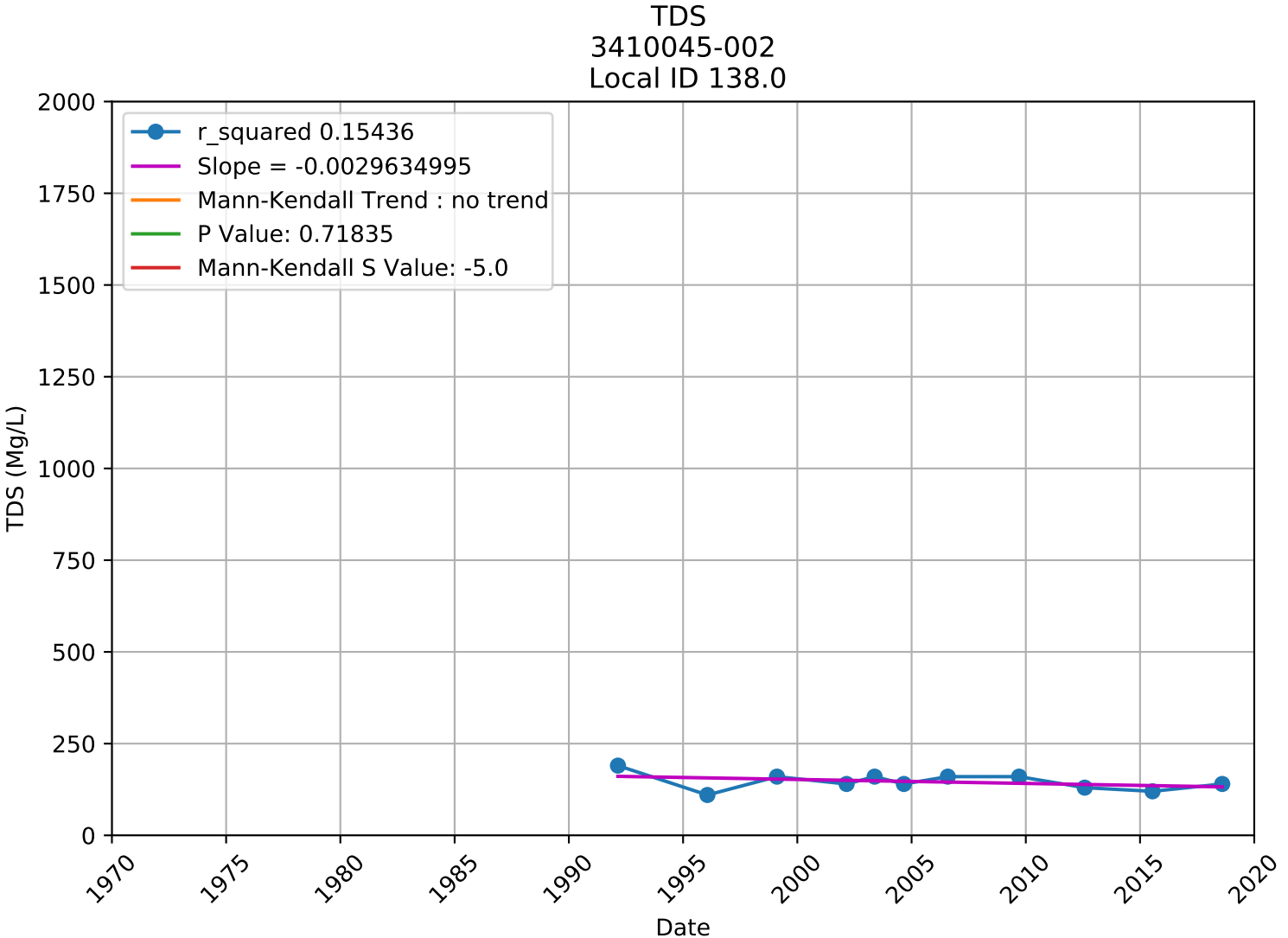

TDS
3410031-015
Local ID 95.0
r_squared 0.67257
Slope = 0.0093369296
Mann-Kendall Trend : no trend
P Value: 0.22067
Mann-Kendall S Value: 6.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

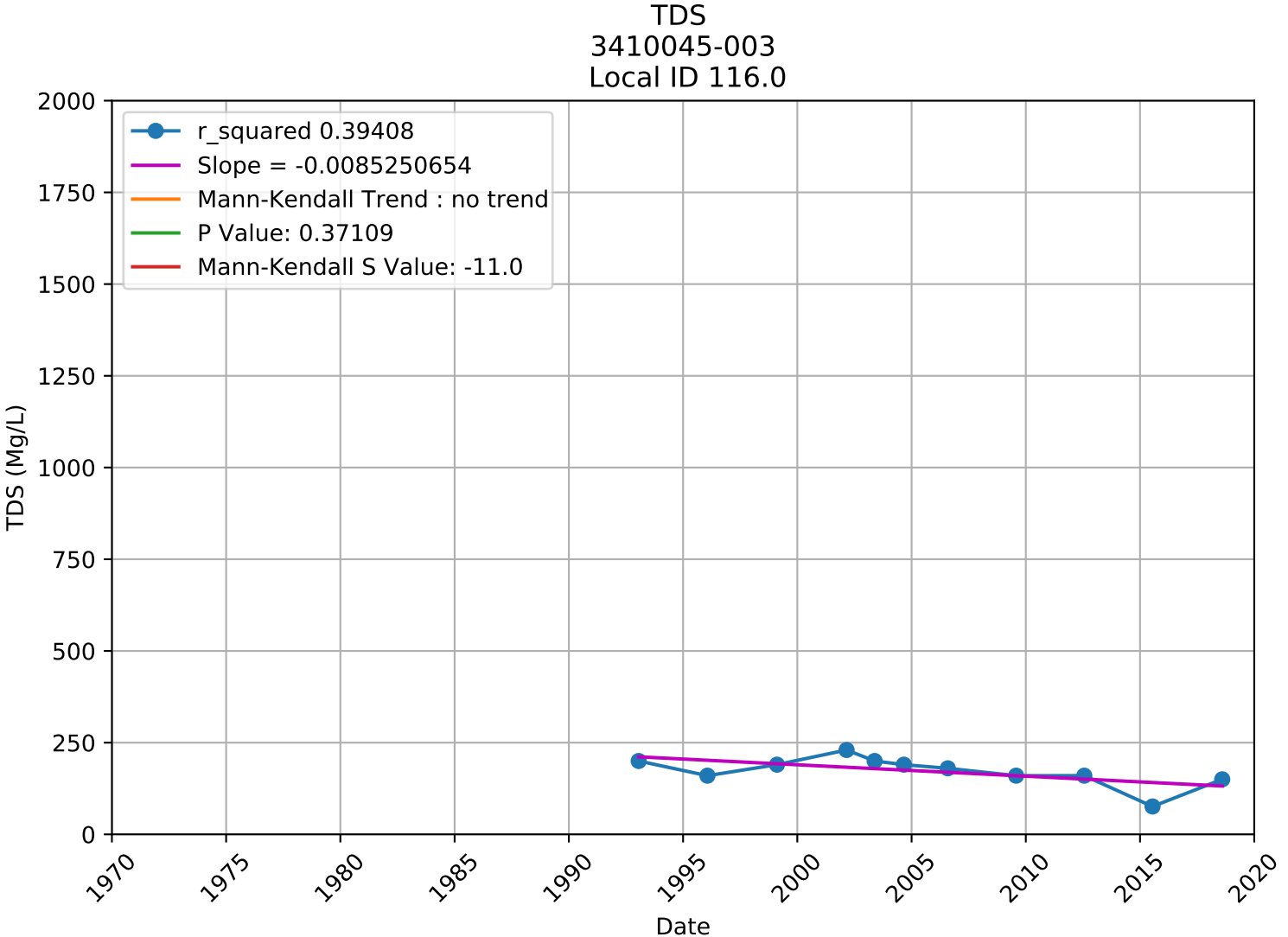

TDS
3410031-016
Local ID 241.0
r_squared 0.20120
Slope = 0.0118767391
Mann-Kendall Trend : no trend
P Value: 0.24625
Mann-Kendall S Value: -12.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

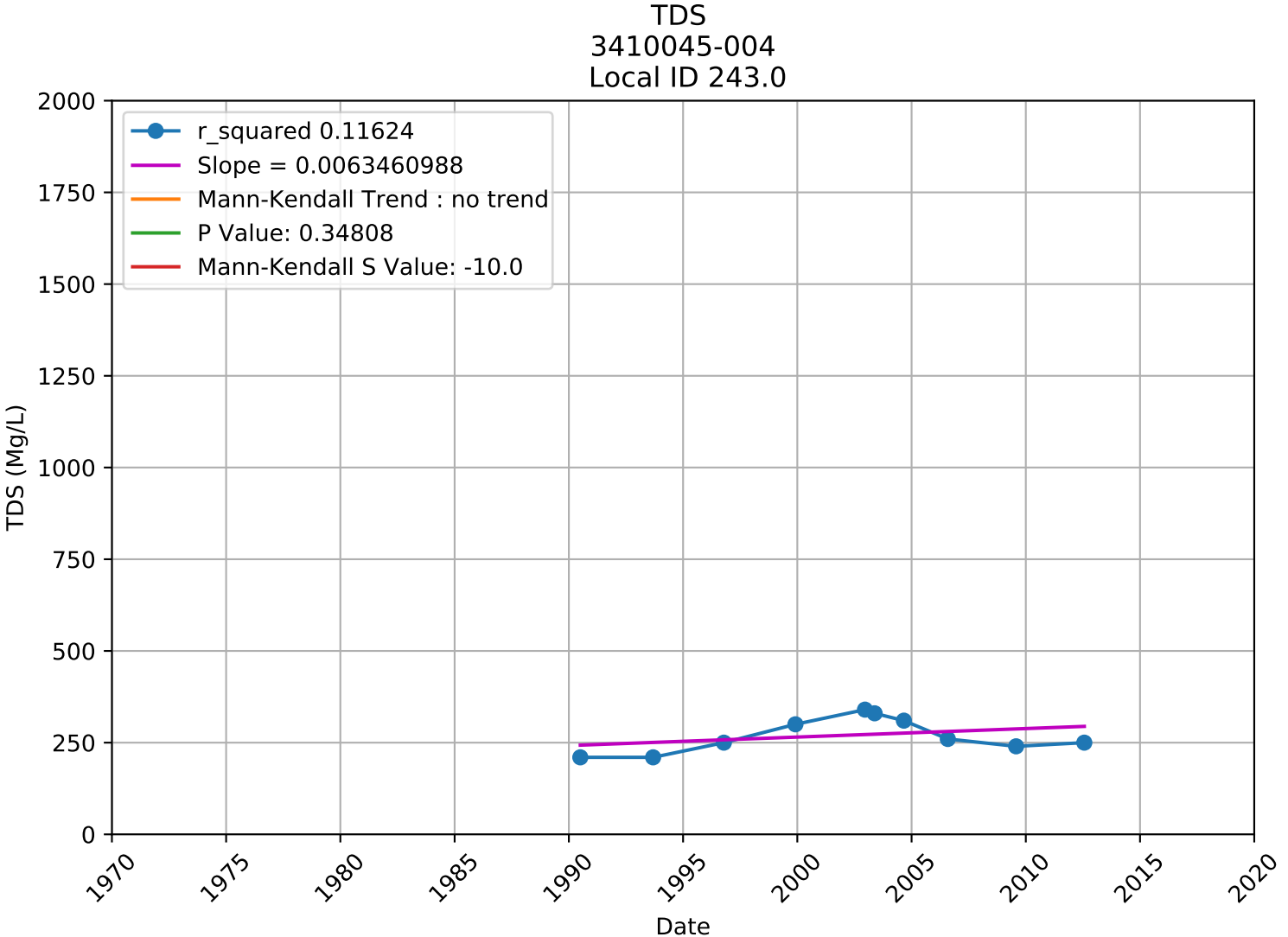

TDS
3410031-017
Local ID 80.0
r_squared 0.04900
Slope = 0.0023983009
Mann-Kendall Trend : no trend
P Value: 0.38648
Mann-Kendall S Value: 8.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

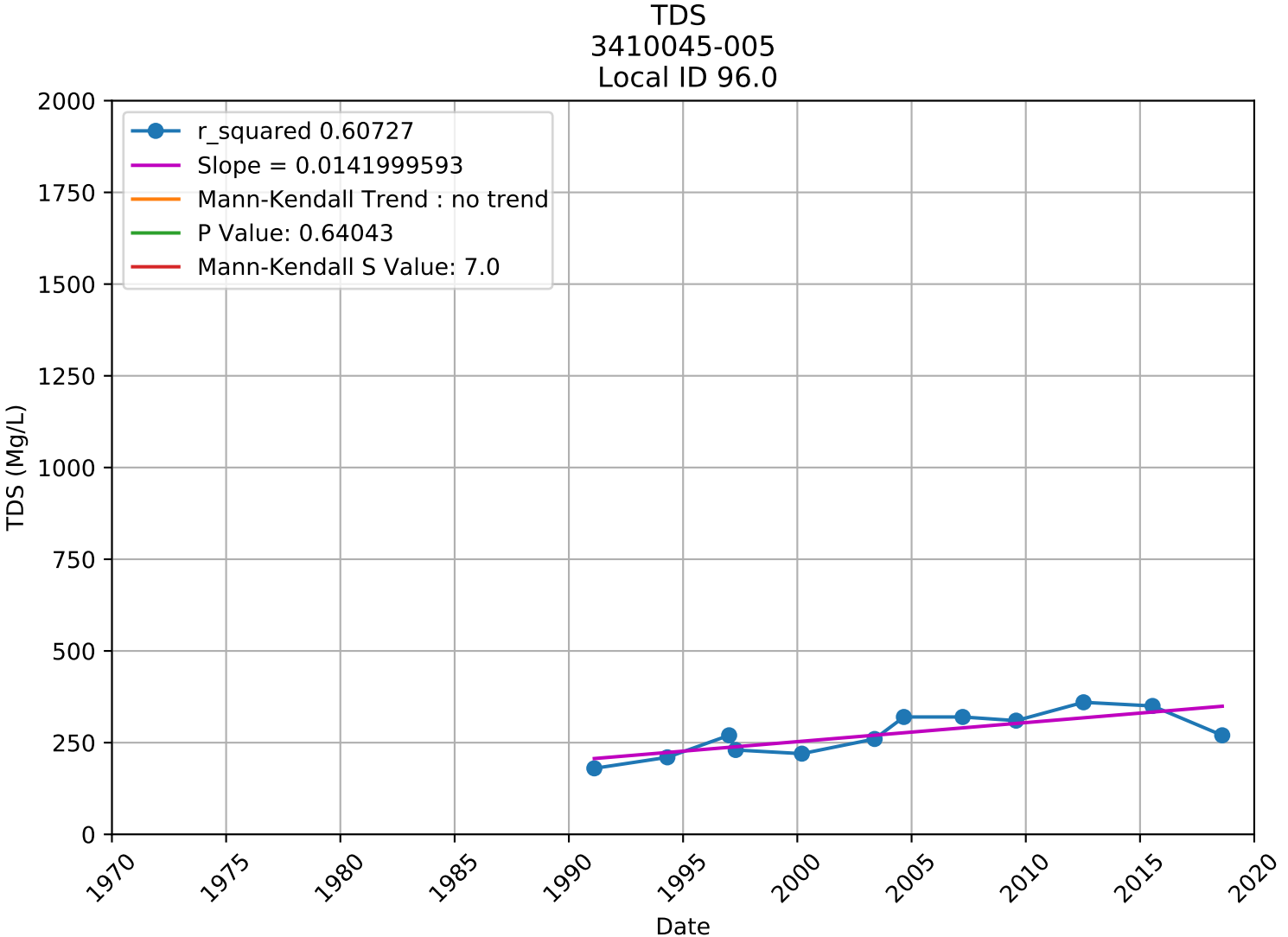

TDS
3410031-018
Local ID 257.0
r_squared 0.21988
Slope = 0.0088218080
Mann-Kendall Trend : increasing
P Value: 0.03888
Mann-Kendall S Value: 24.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

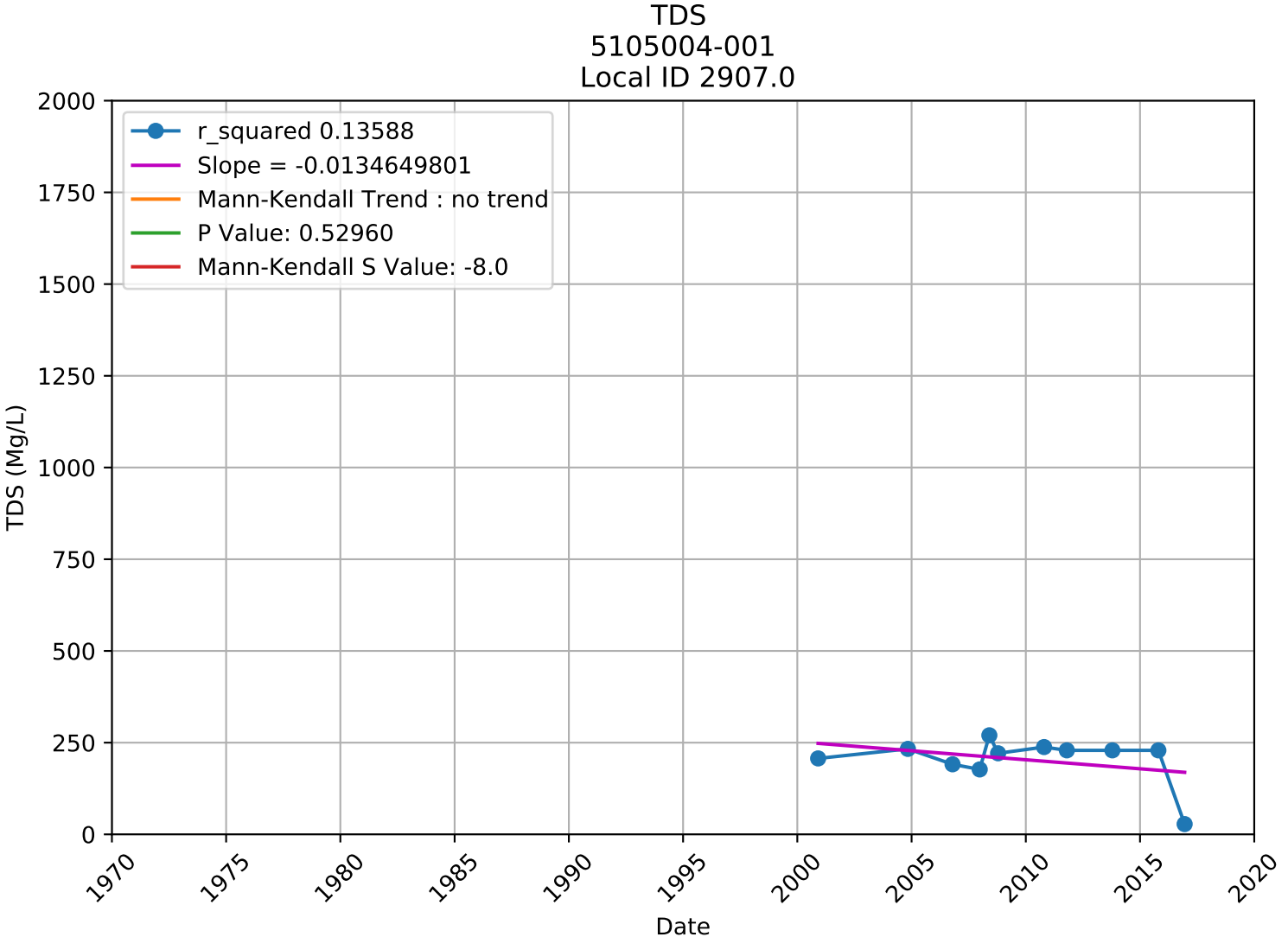

TDS
3410045-001
Local ID 288.0
r_squared 0.19479
Slope = -0.0416678869
Mann-Kendall Trend : no trend
P Value: 0.43627
Mann-Kendall S Value: 11.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

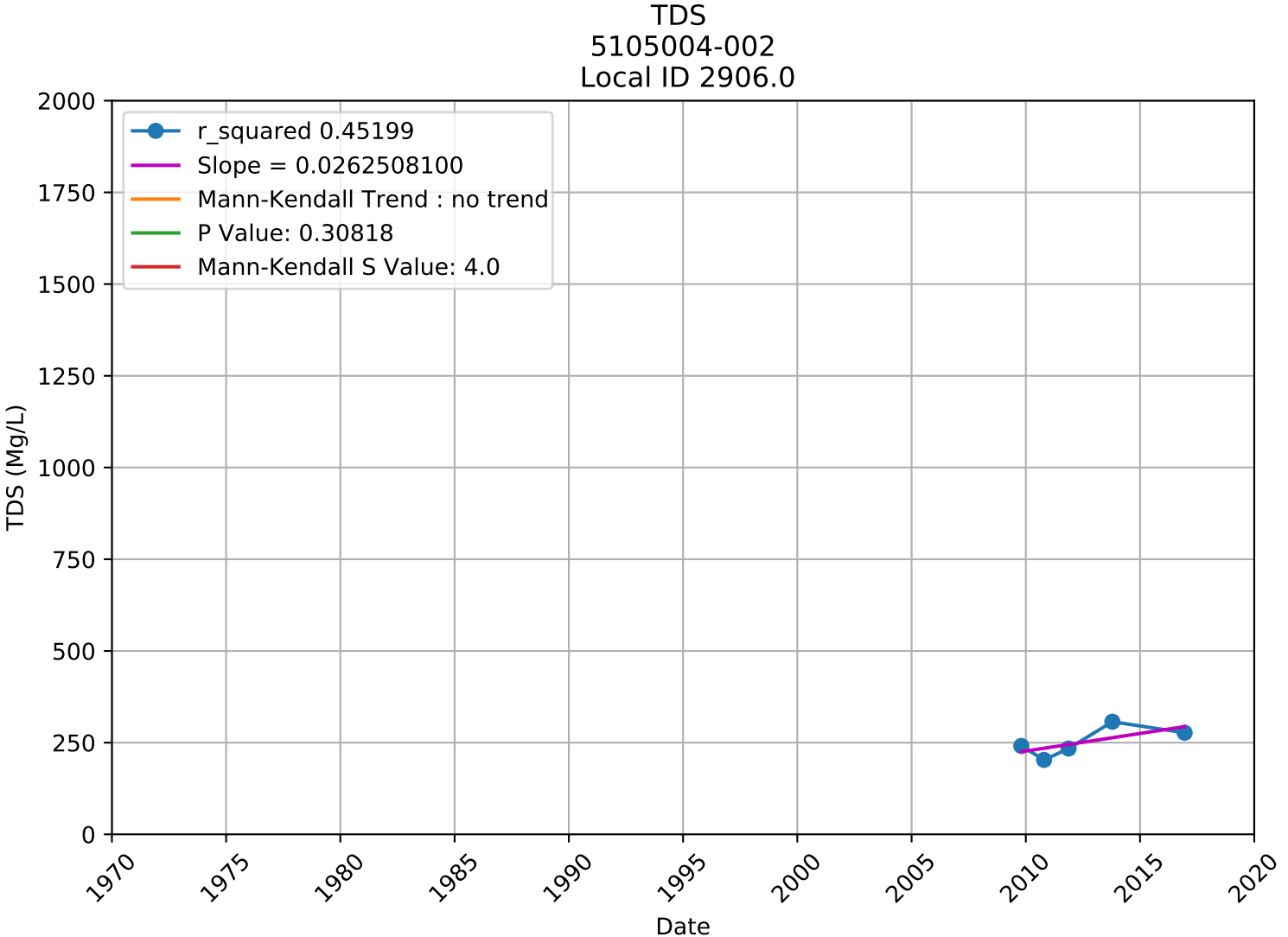

TDS
3410045-002
Local ID 138.0
r_squared 0.15436
Slope = -0.0029634995
Mann-Kendall Trend : no trend
P Value: 0.71835
Mann-Kendall S Value: -5.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

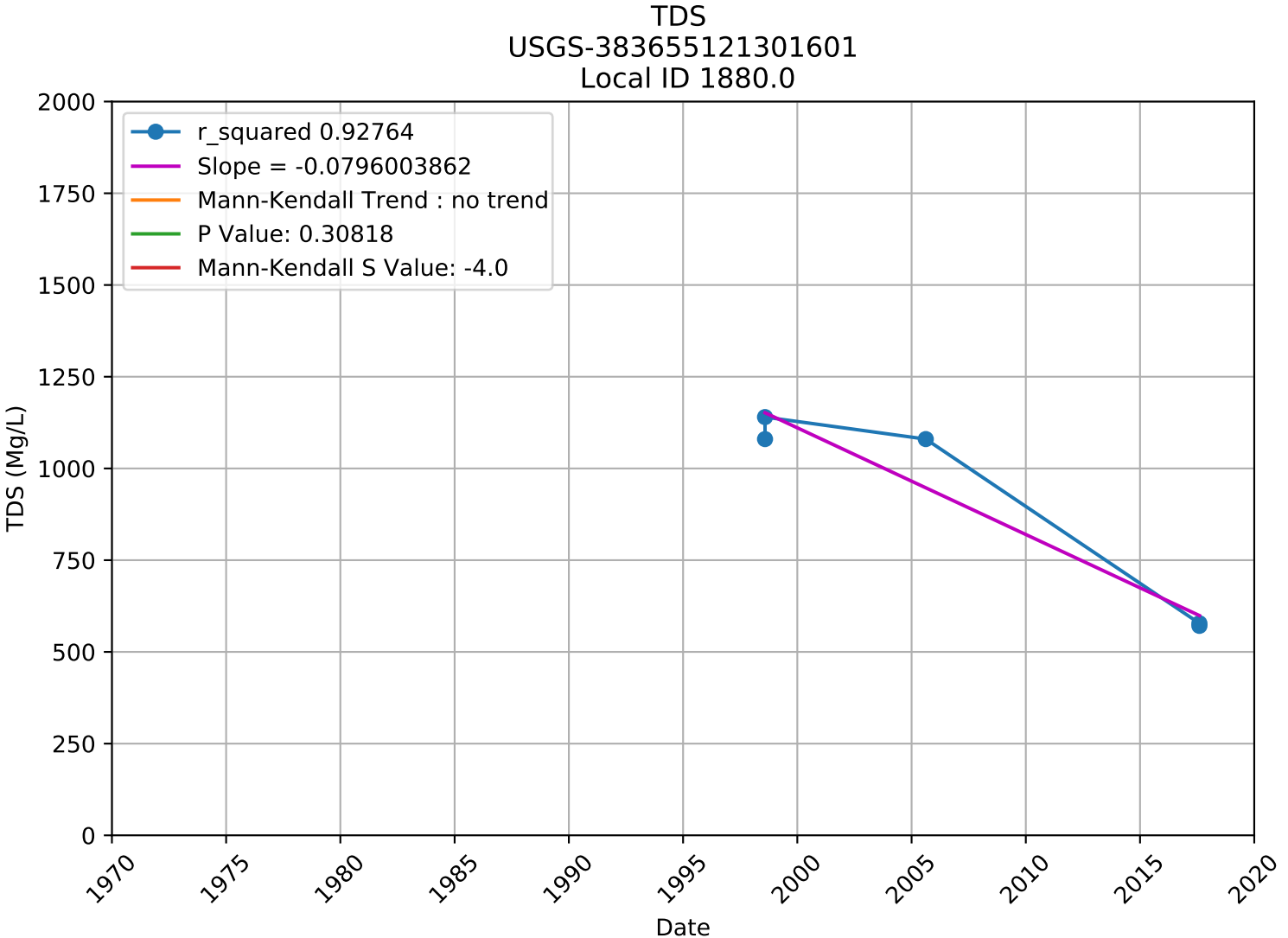

TDS
3410045-003
Local ID 116.0
r_squared 0.39408
Slope = -0.0085250654
Mann-Kendall Trend : no trend
P Value: 0.37109
Mann-Kendall S Value: -11.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

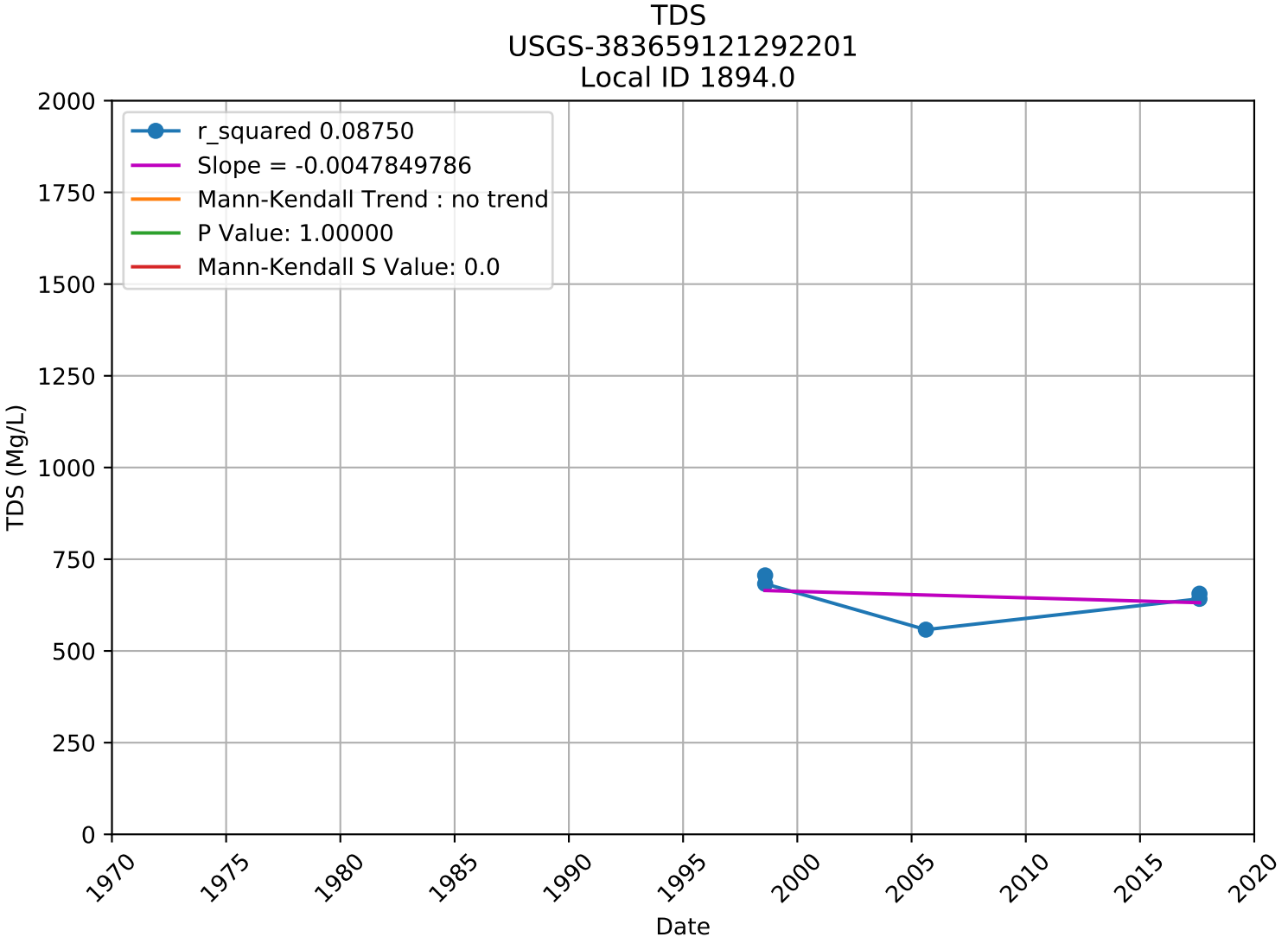

TDS
3410045-004
Local ID 243.0
r_squared 0.11624
Slope = 0.0063460988
Mann-Kendall Trend : no trend
P Value: 0.34808
Mann-Kendall S Value: -10.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

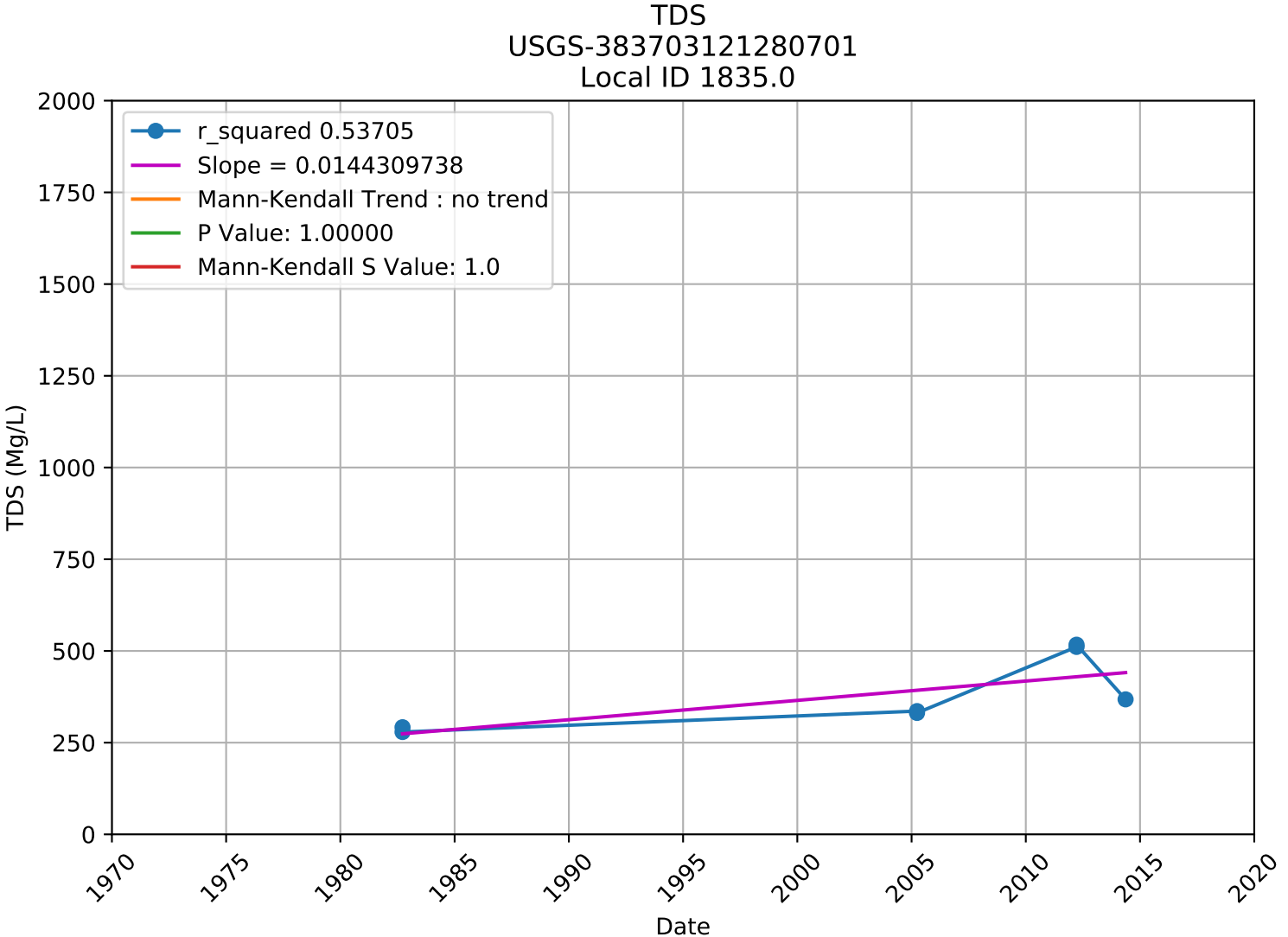

TDS
3410045-005
Local ID 96.0
r_squared 0.60727
Slope = 0.0141999593
Mann-Kendall Trend : no trend
P Value: 0.64043
Mann-Kendall S Value: 7.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

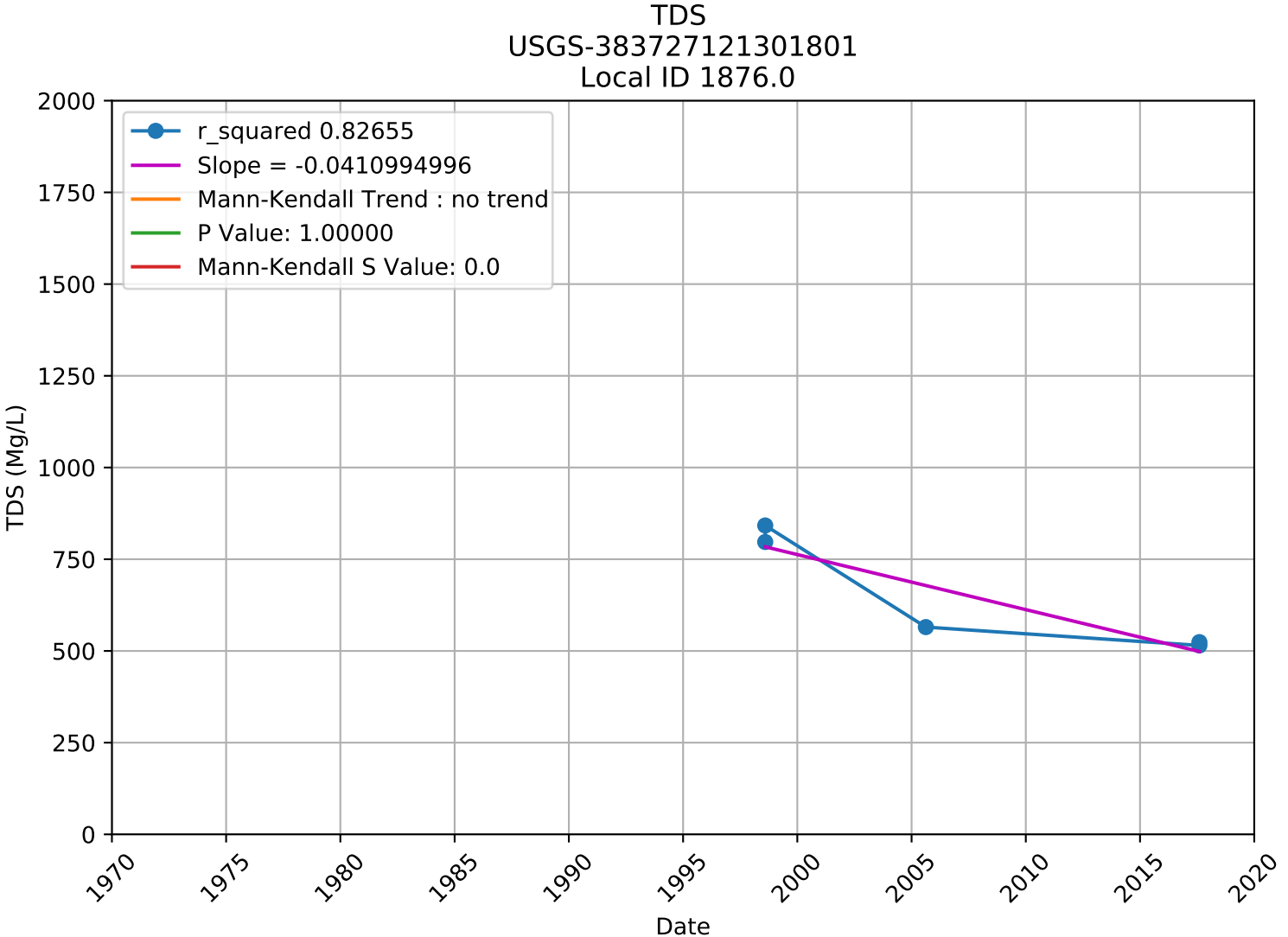

TDS
5105004-001
Local ID 2907.0
r_squared 0.13588
Slope = -0.0134649801
Mann-Kendall Trend : no trend
P Value: 0.52960
Mann-Kendall S Value: -8.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

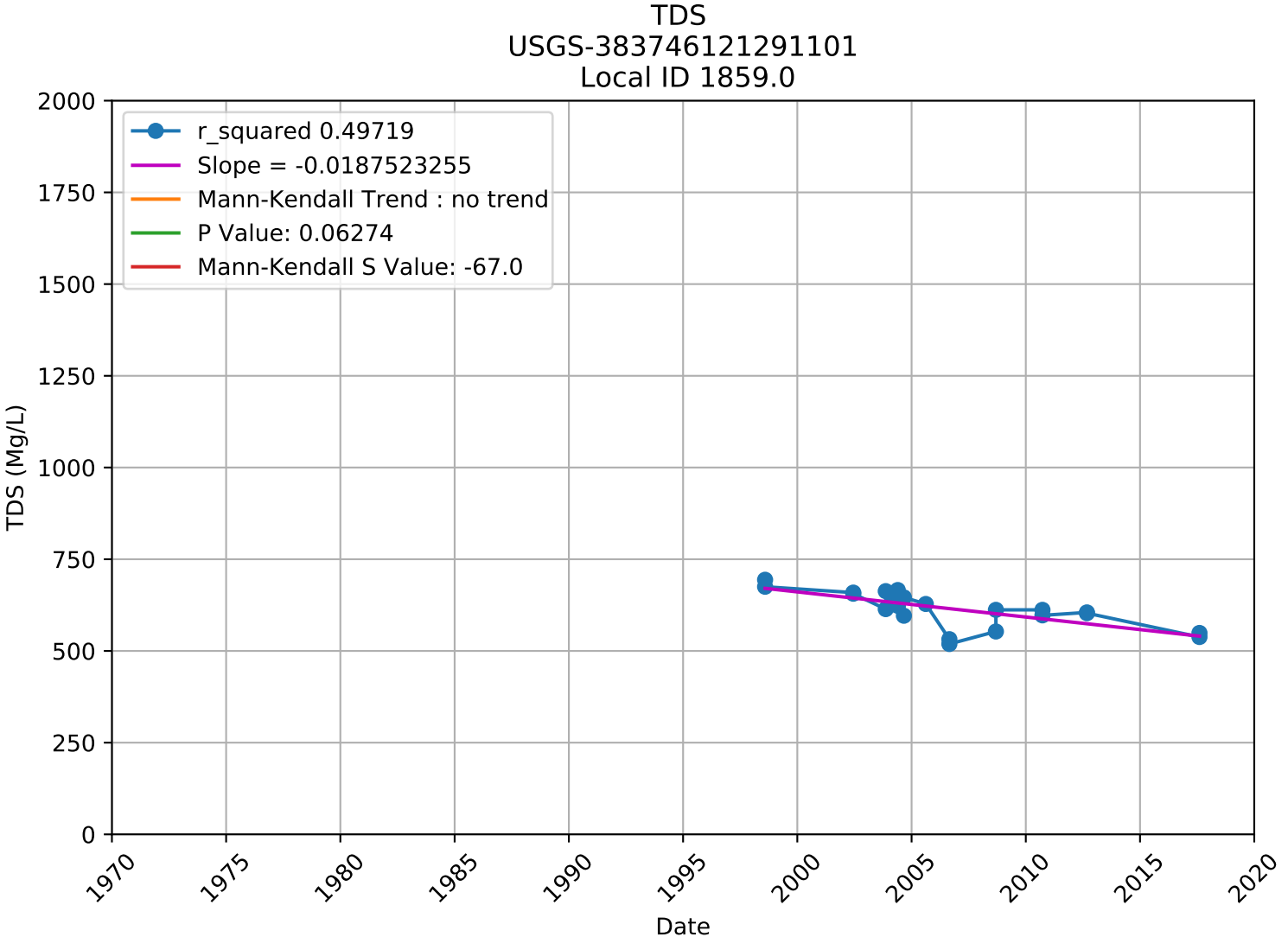

TDS
5105004-002
Local ID 2906.0
r_squared 0.45199
Slope = 0.0262508100
Mann-Kendall Trend : no trend
P Value: 0.30818
Mann-Kendall S Value: 4.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

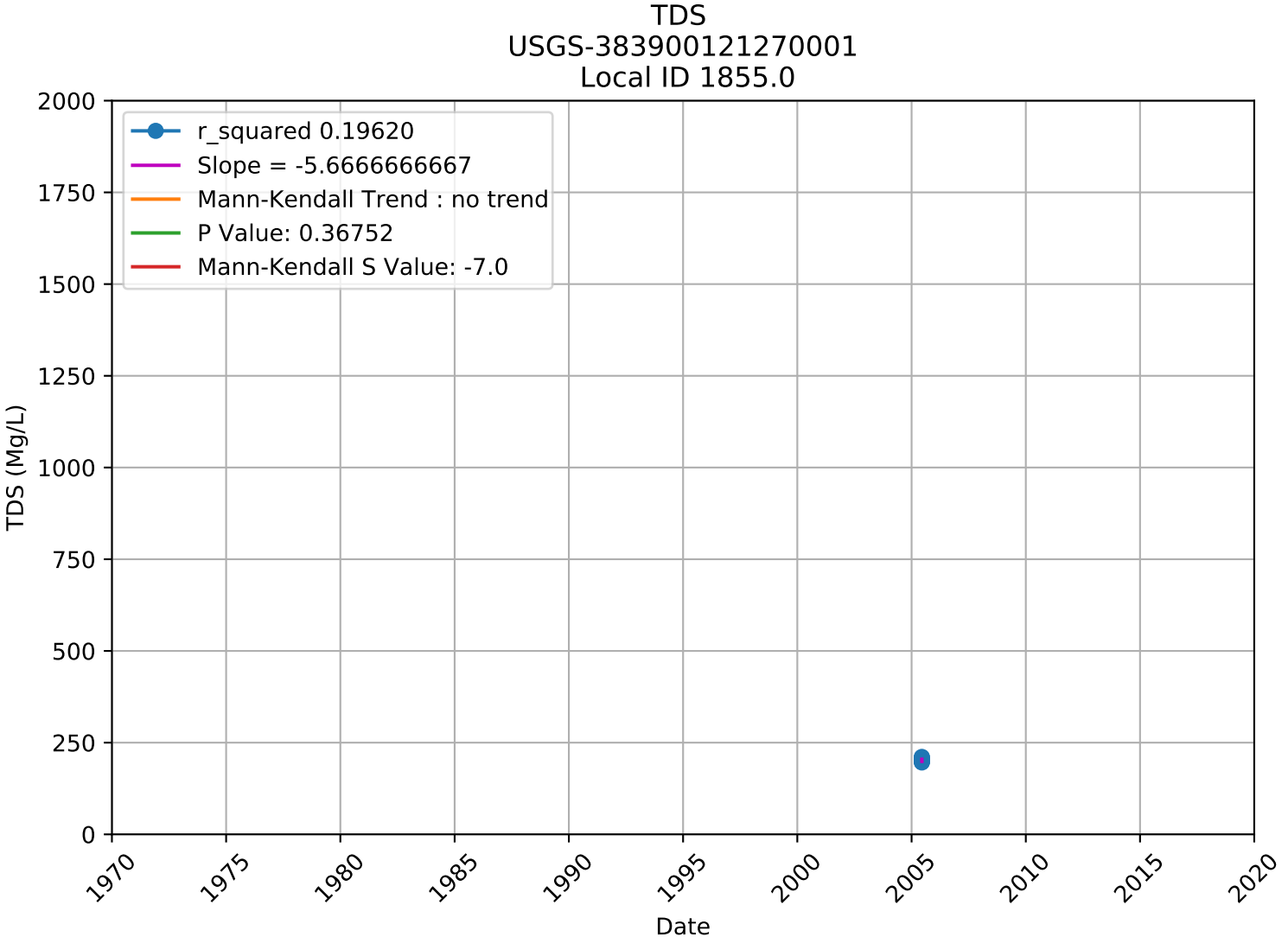

TDS
USGS-383655121301601
Local ID 1880.0
r_squared 0.92764
Slope = -0.0796003862
Mann-Kendall Trend : no trend
P Value: 0.30818
Mann-Kendall S Value: -4.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

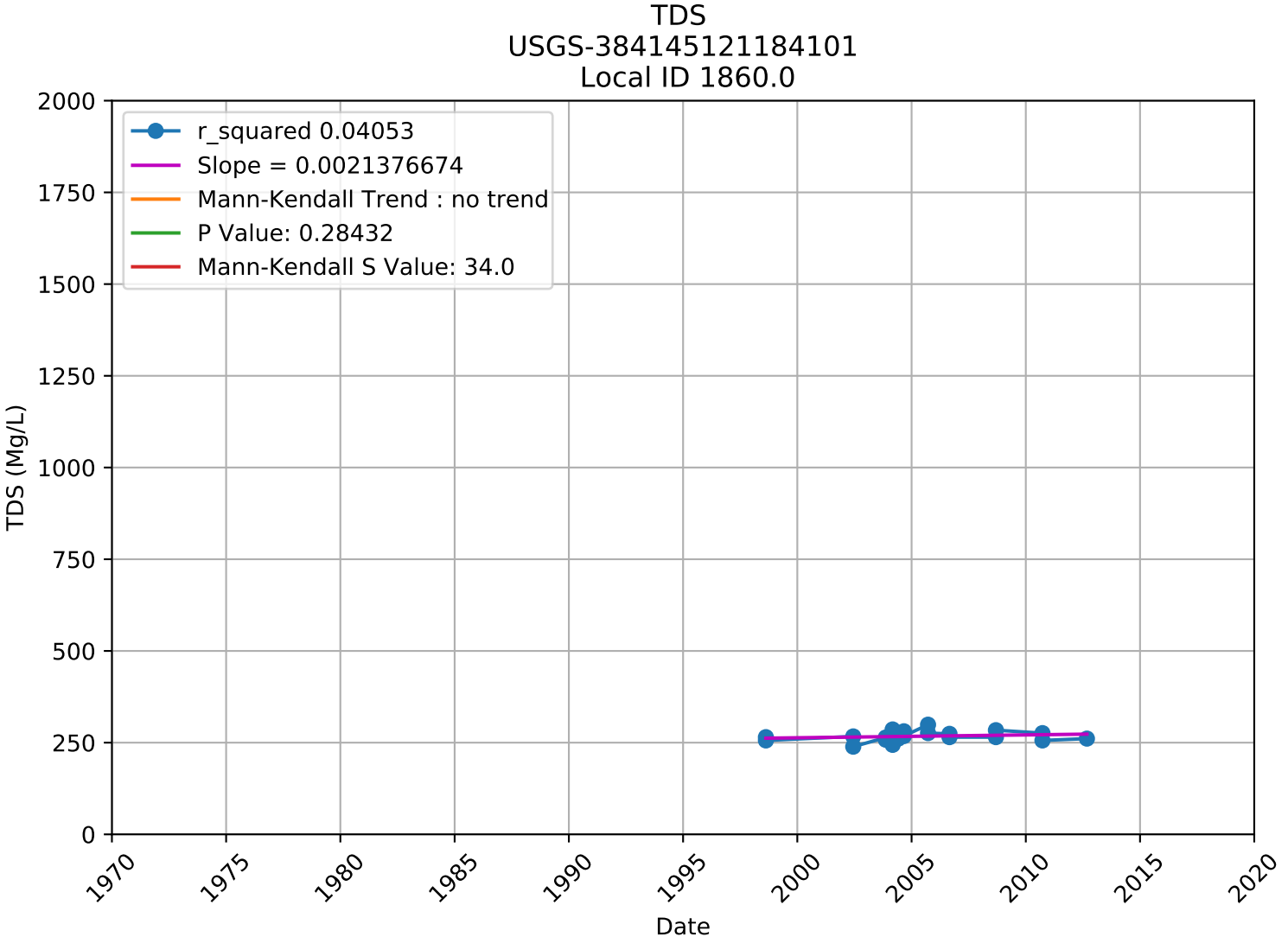

TDS
USGS-383659121292201
Local ID 1894.0
r_squared 0.08750
Slope = -0.0047849786
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

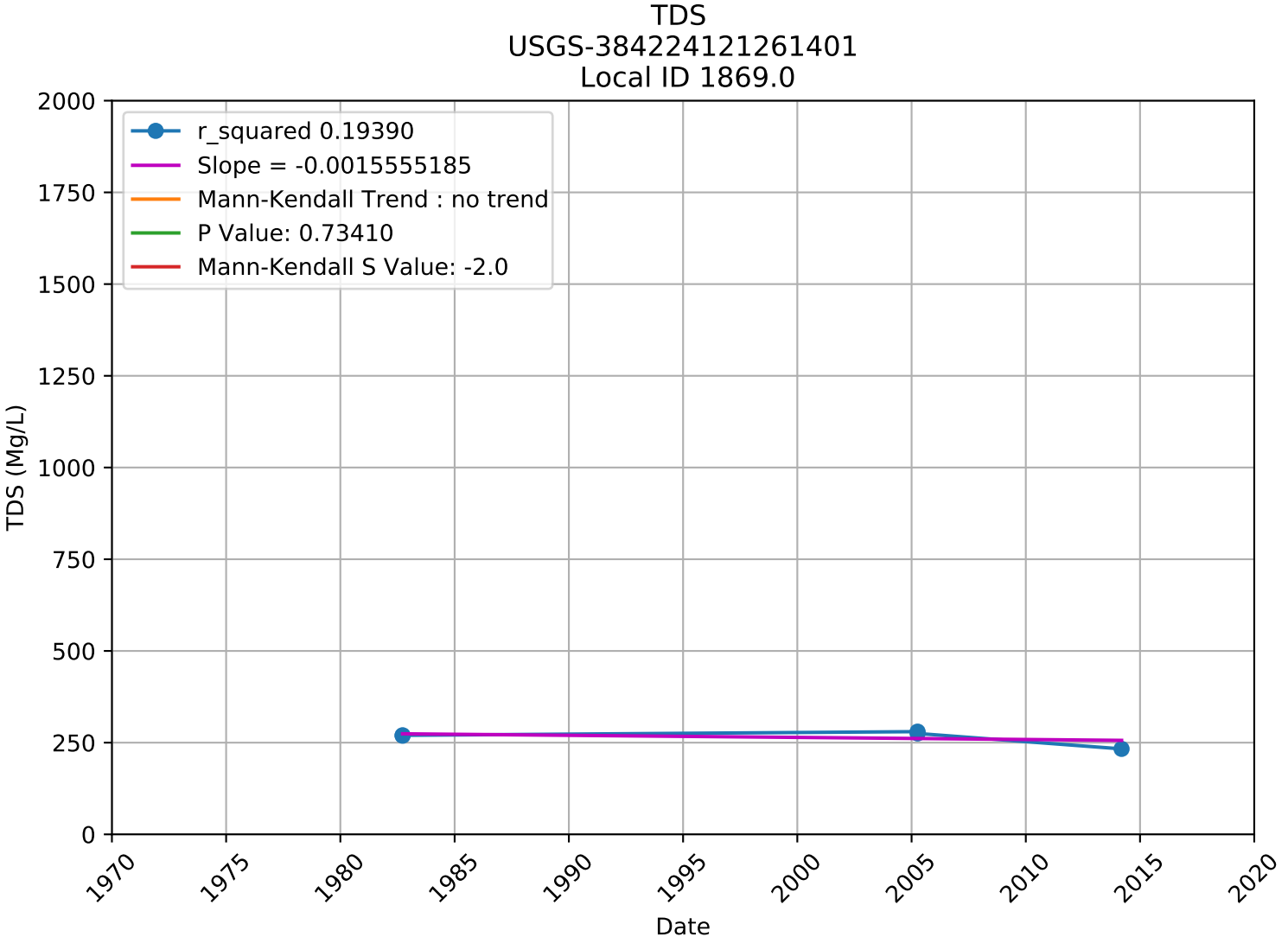

TDS
USGS-383703121280701
Local ID 1835.0
r_squared 0.53705
Slope = 0.0144309738
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

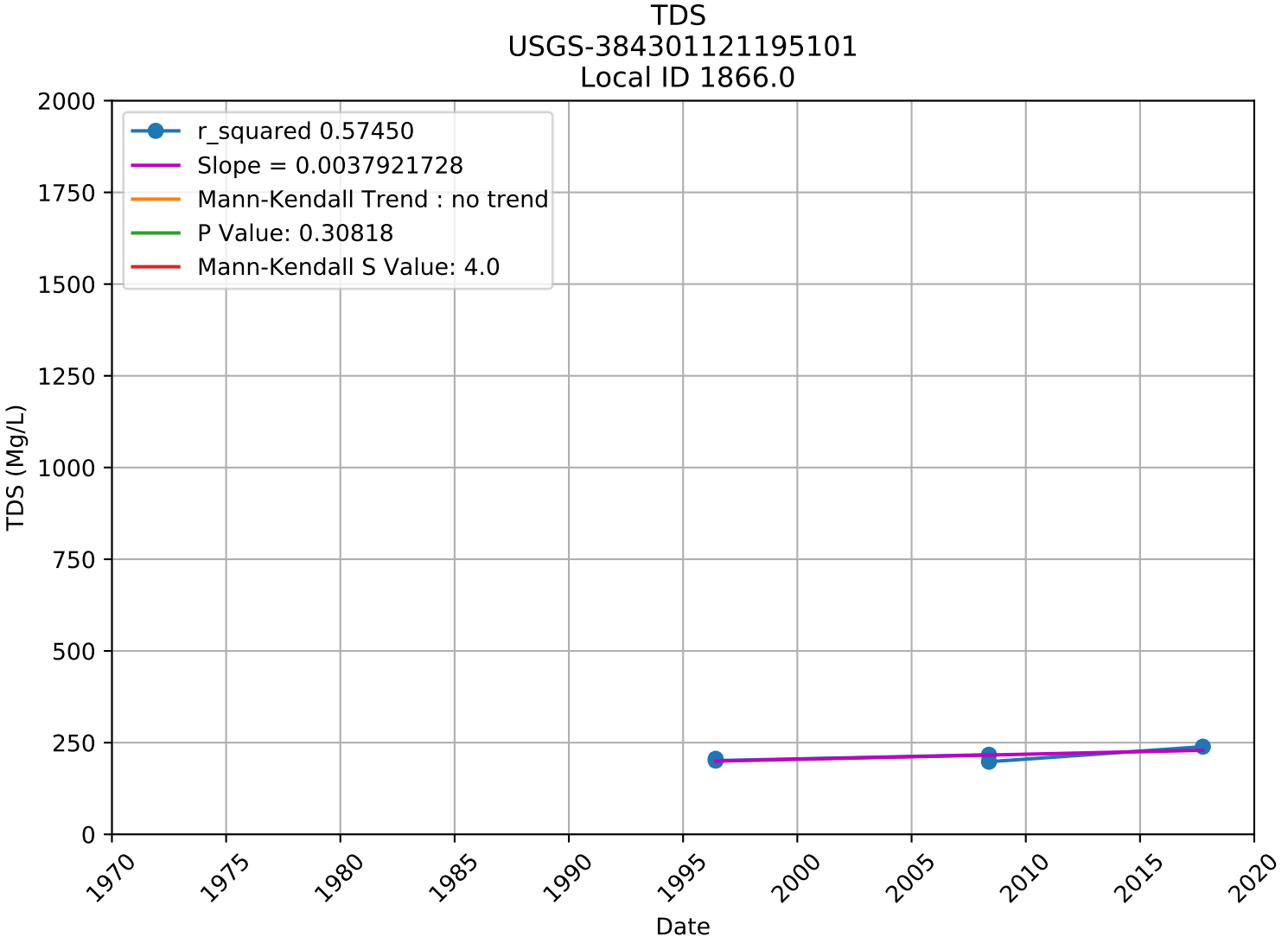

TDS
USGS-383727121301801
Local ID 1876.0
r_squared 0.82655
Slope = -0.0410994996
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

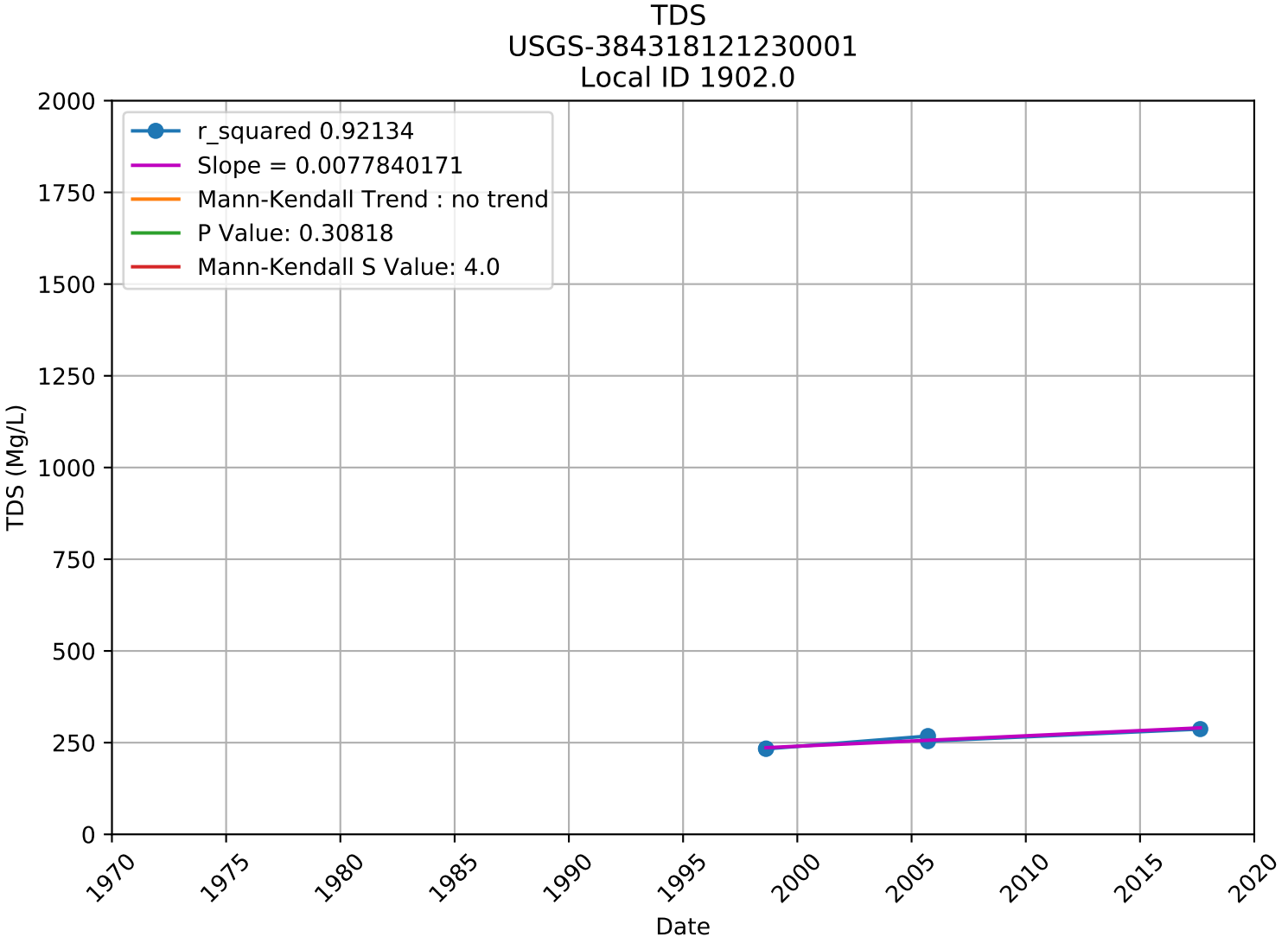

TDS
USGS-383746121291101
Local ID 1859.0
r_squared 0.49719
Slope = -0.0187523255
Mann-Kendall Trend : no trend
P Value: 0.06274
Mann-Kendall S Value: -67.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

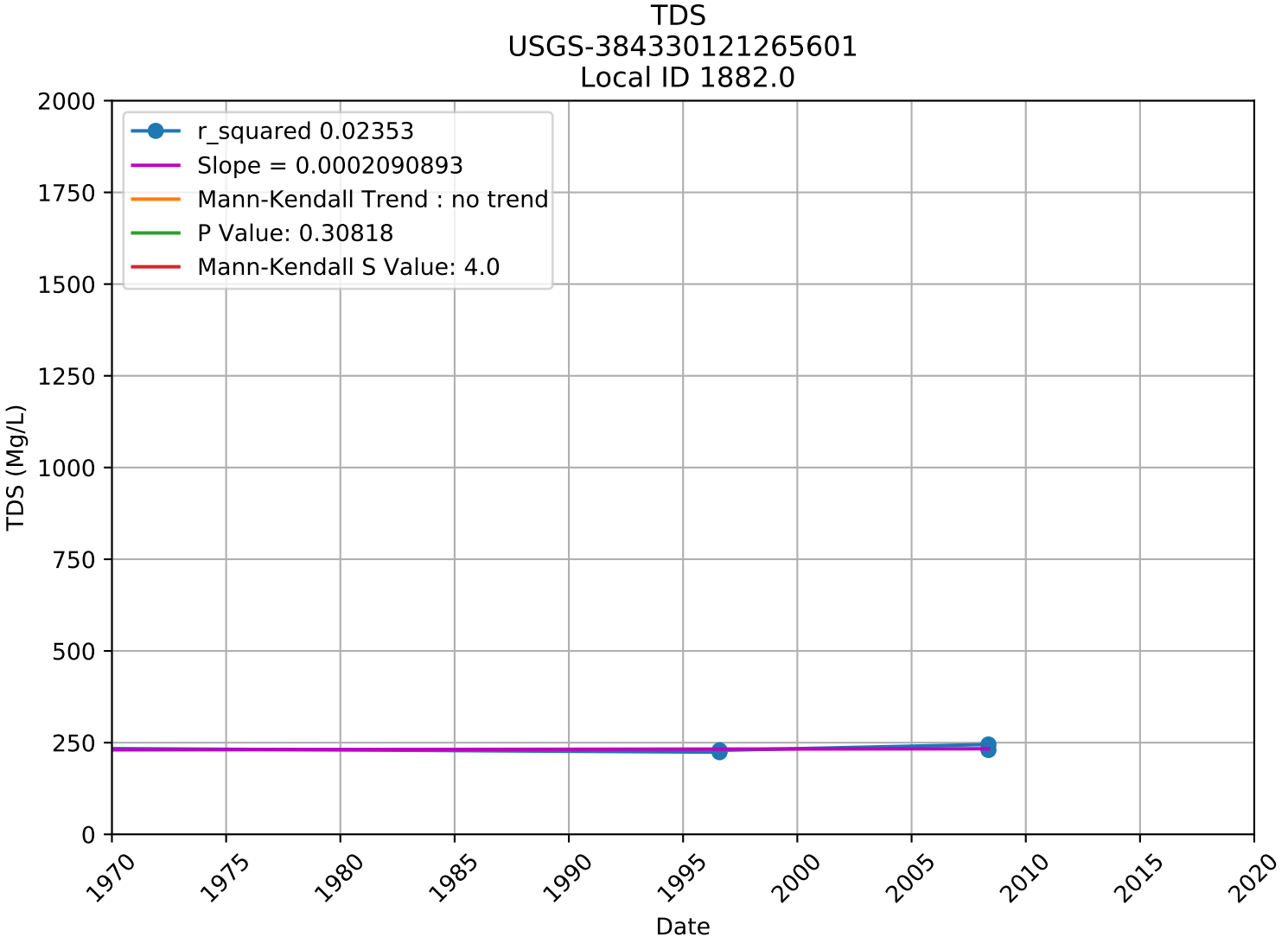

TDS
USGS-383900121270001
Local ID 1855.0
r_squared 0.19620
Slope = -5.6666666667
Mann-Kendall Trend : no trend
P Value: 0.36752
Mann-Kendall S Value: -7.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

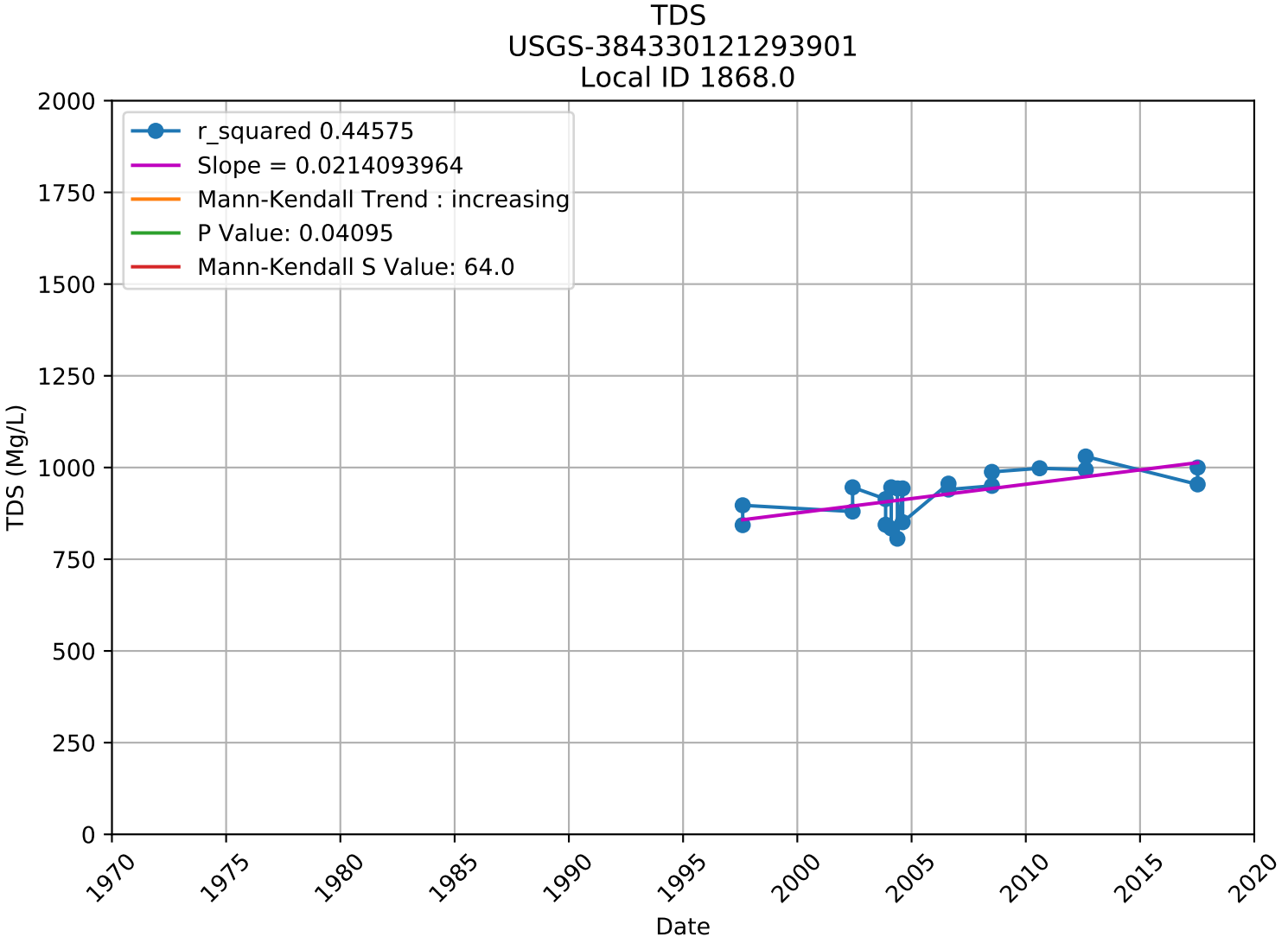

TDS
USGS-384145121184101
Local ID 1860.0
r_squared 0.04053
Slope = 0.0021376674
Mann-Kendall Trend : no trend
P Value: 0.28432
Mann-Kendall S Value: 34.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

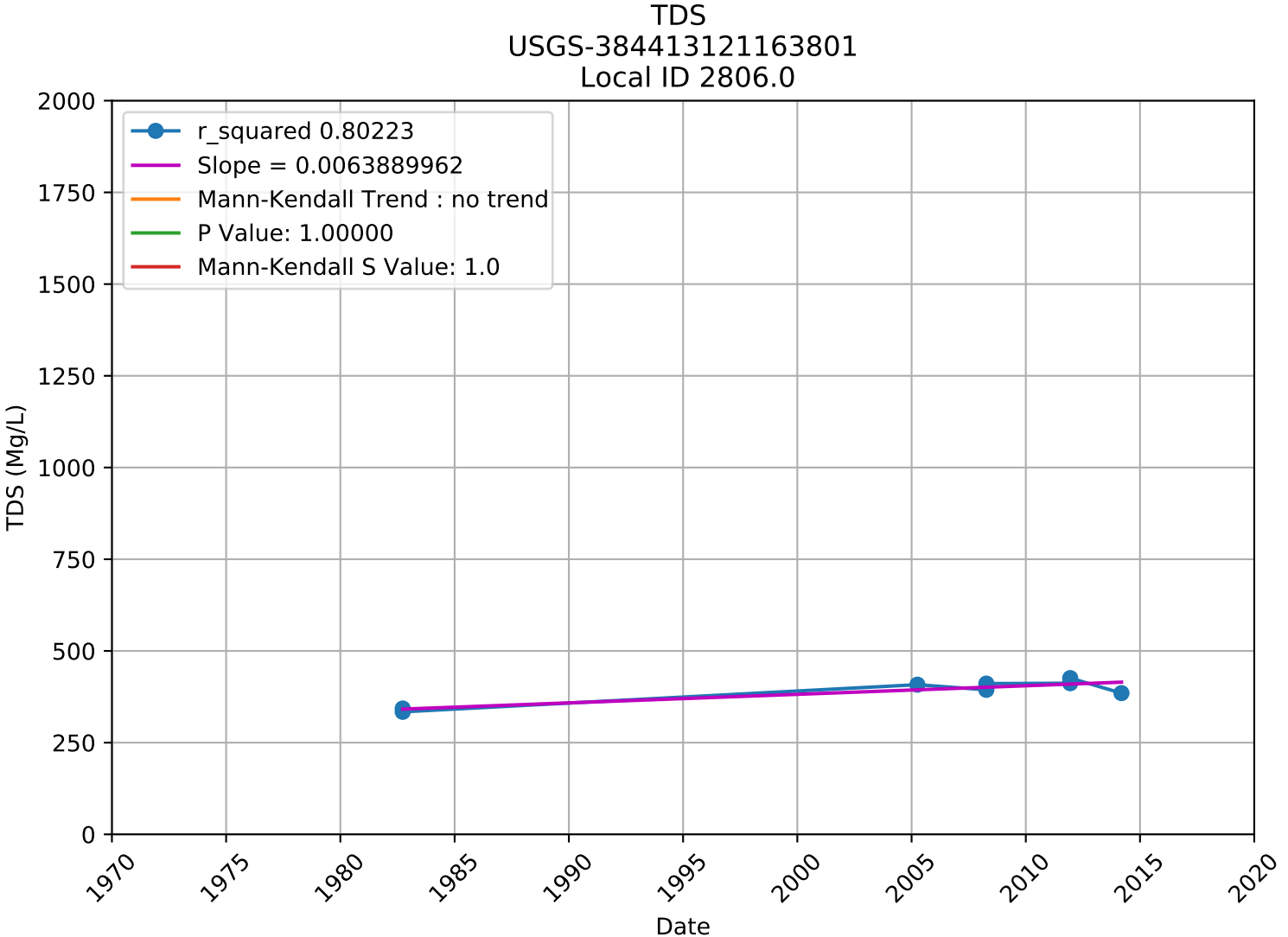

TDS
USGS-384224121261401
Local ID 1869.0
r_squared 0.19390
Slope = -0.0015555185
Mann-Kendall Trend : no trend
P Value: 0.73410
Mann-Kendall S Value: -2.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

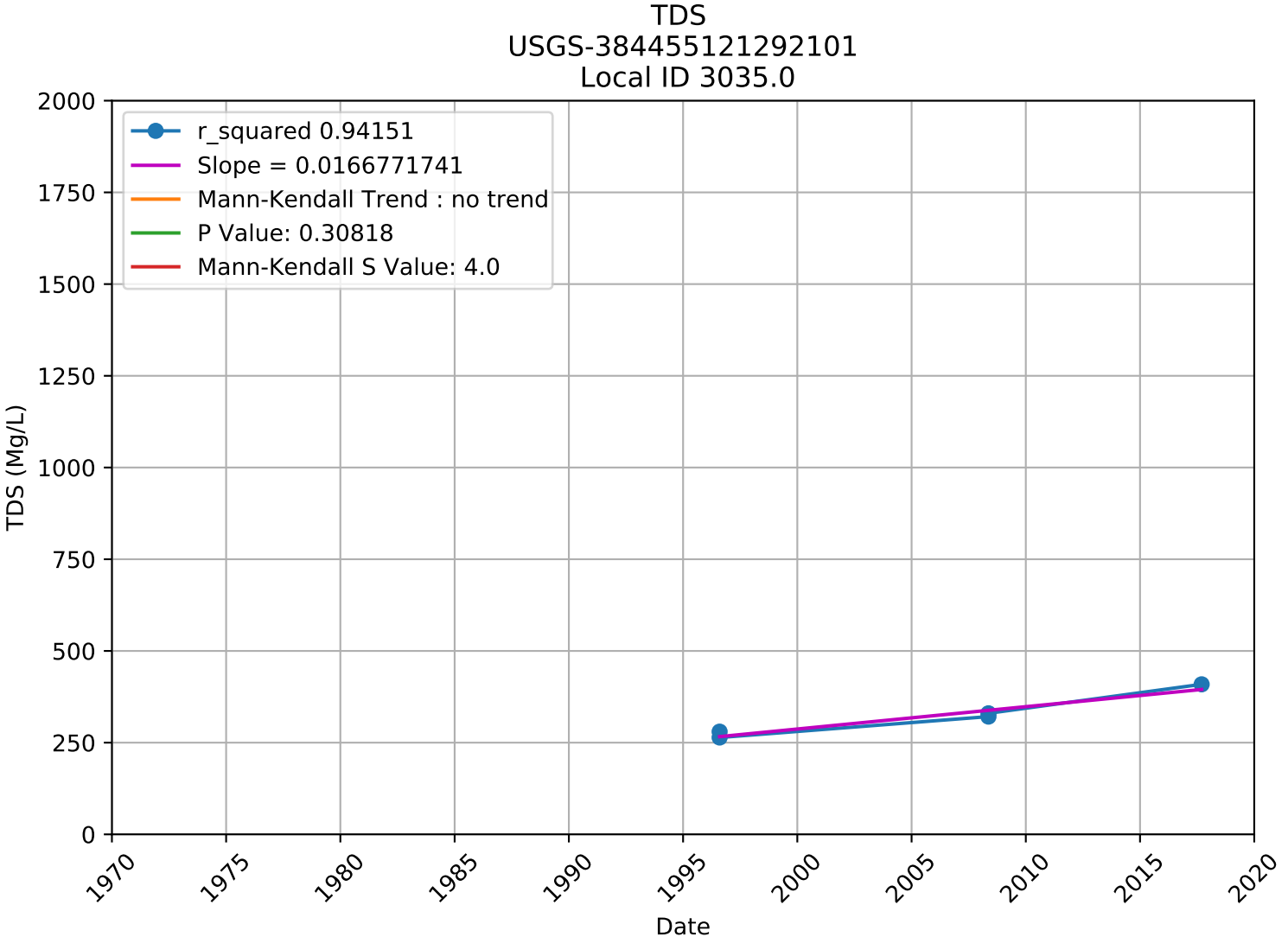

TDS
USGS-384301121195101
Local ID 1866.0
r_squared 0.57450
Slope = 0.0037921728
Mann-Kendall Trend : no trend
P Value: 0.30818
Mann-Kendall S Value: 4.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

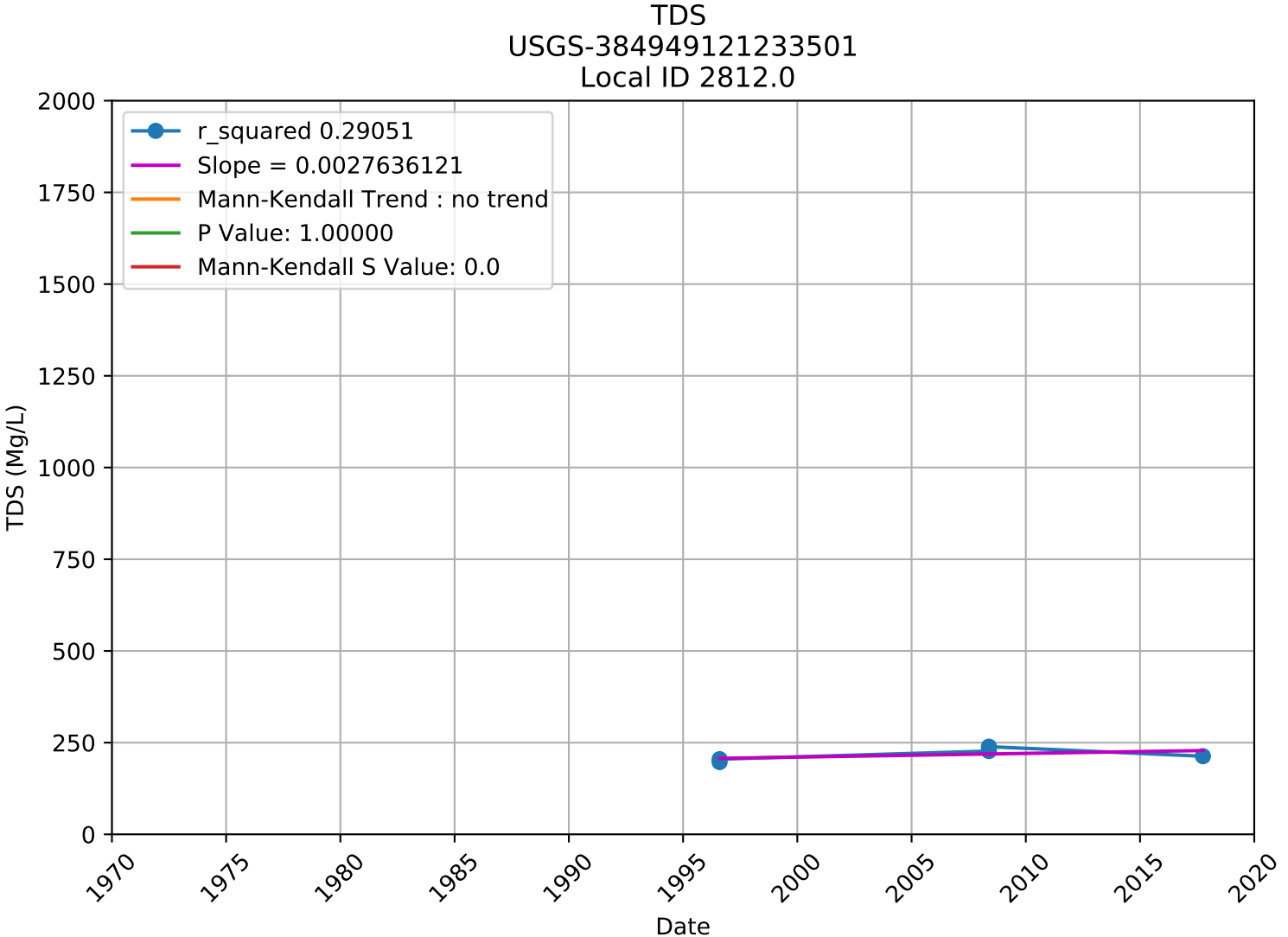

TDS
USGS-384318121230001
Local ID 1902.0
r_squared 0.92134
Slope = 0.0077840171
Mann-Kendall Trend : no trend
P Value: 0.30818
Mann-Kendall S Value: 4.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
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1995
2000
2005
2010
2015
2020

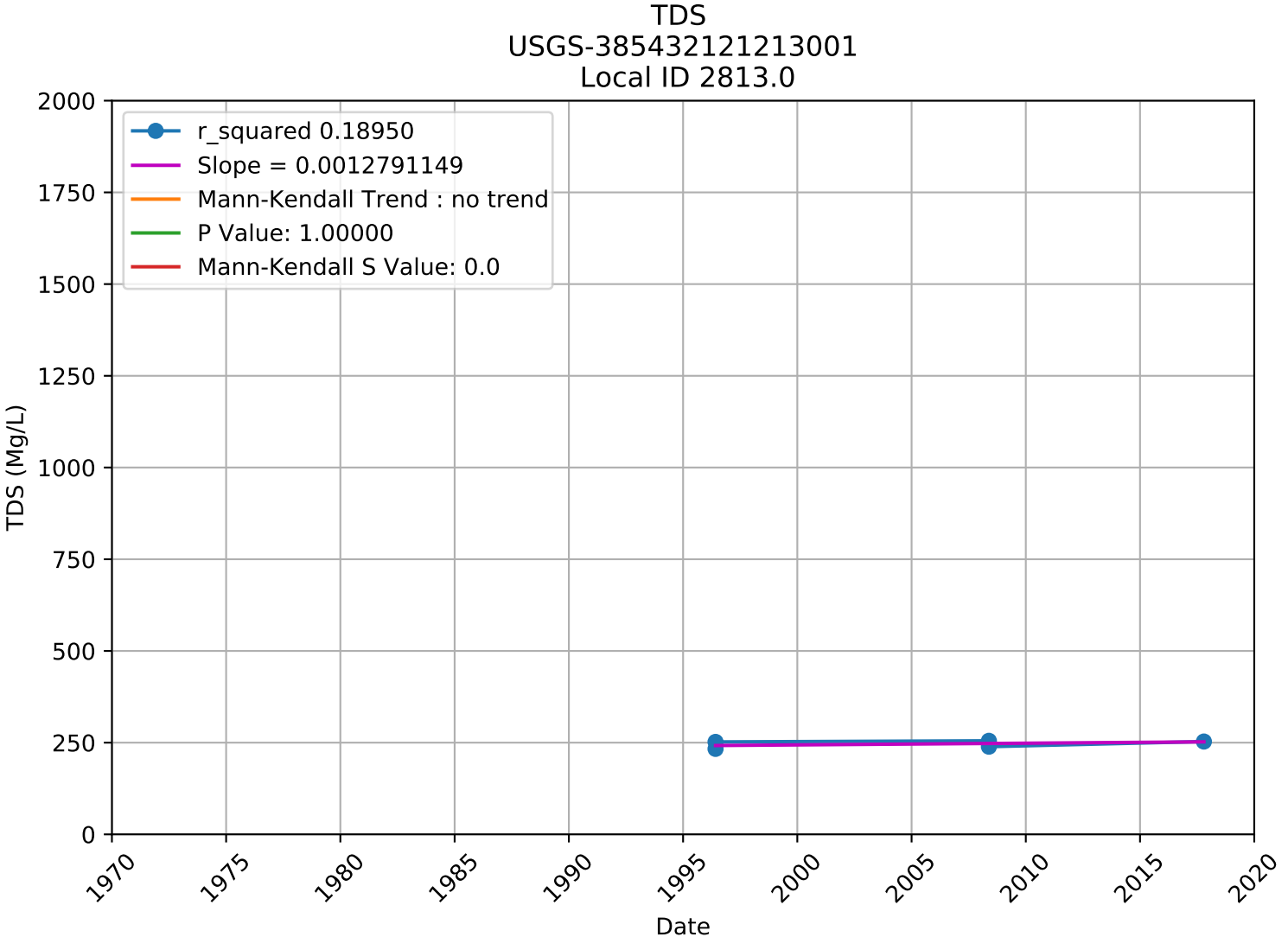

TDS
USGS-384330121265601
Local ID 1882.0
r_squared 0.02353
Slope = 0.0002090893
Mann-Kendall Trend : no trend
P Value: 0.30818
Mann-Kendall S Value: 4.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

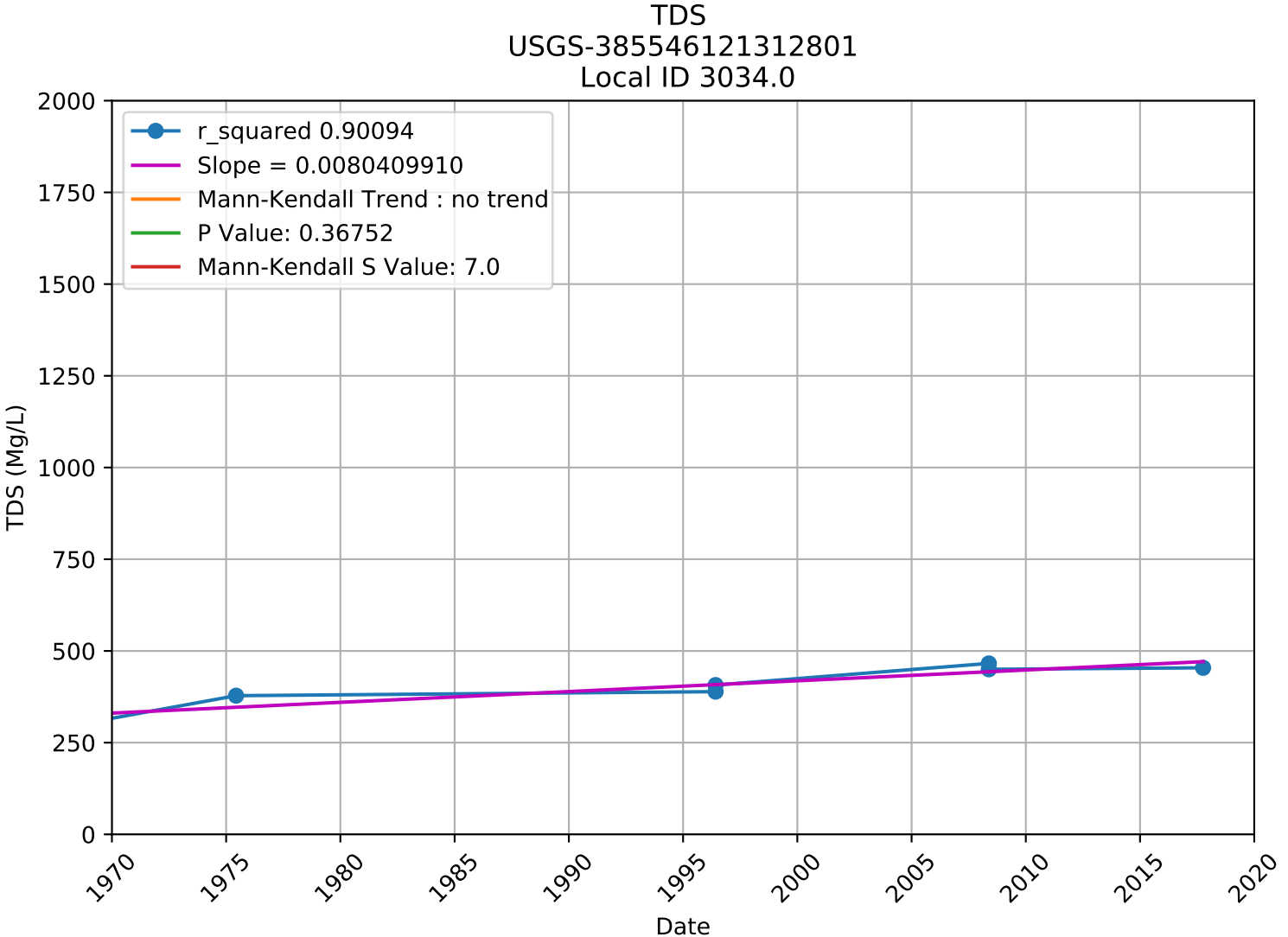

TDS
USGS-384330121293901
Local ID 1868.0
r_squared 0.44575
Slope = 0.0214093964
Mann-Kendall Trend : increasing
P Value: 0.04095
Mann-Kendall S Value: 64.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

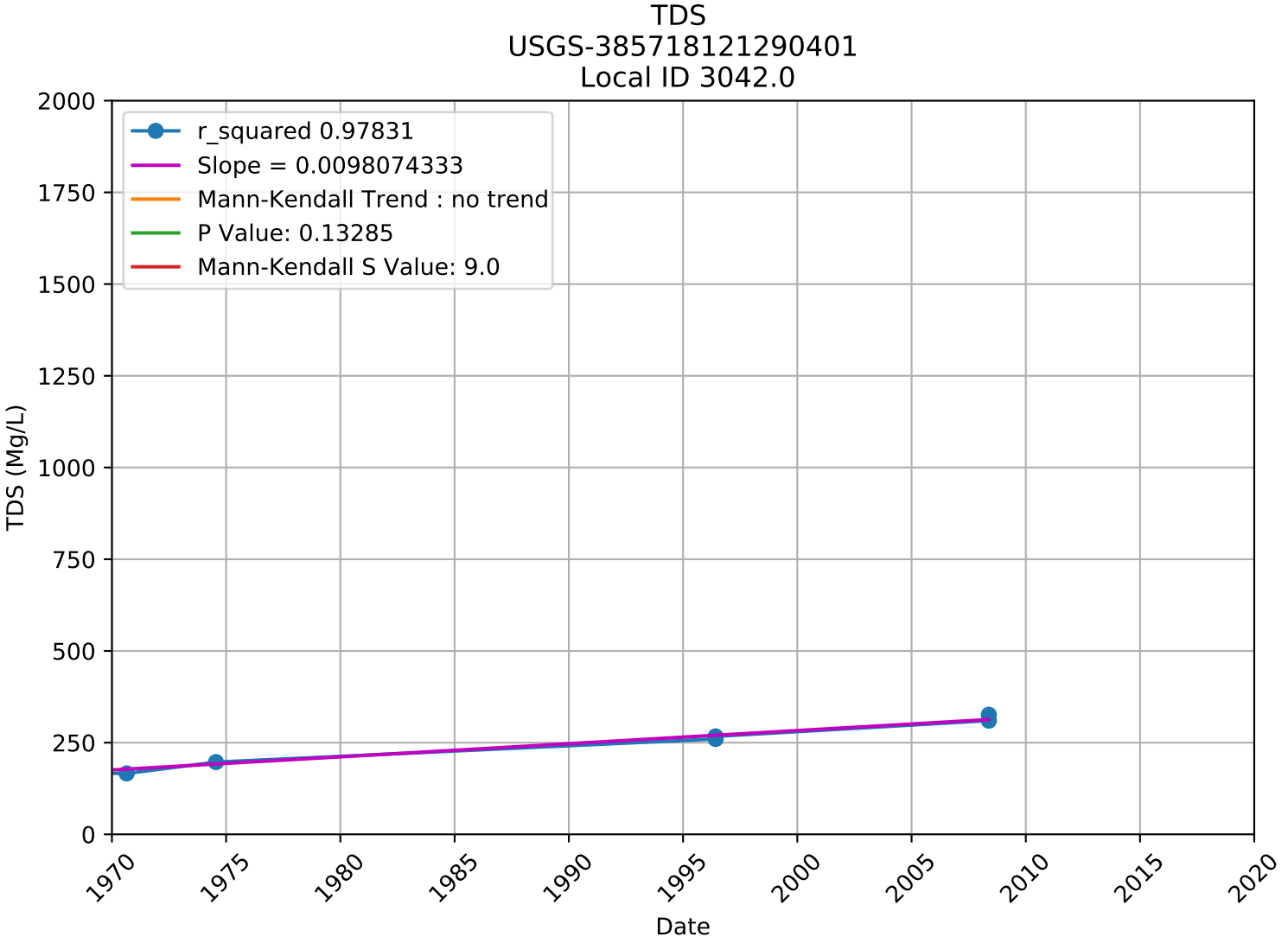

TDS
USGS-384413121163801
Local ID 2806.0
r_squared 0.80223
Slope = 0.0063889962
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

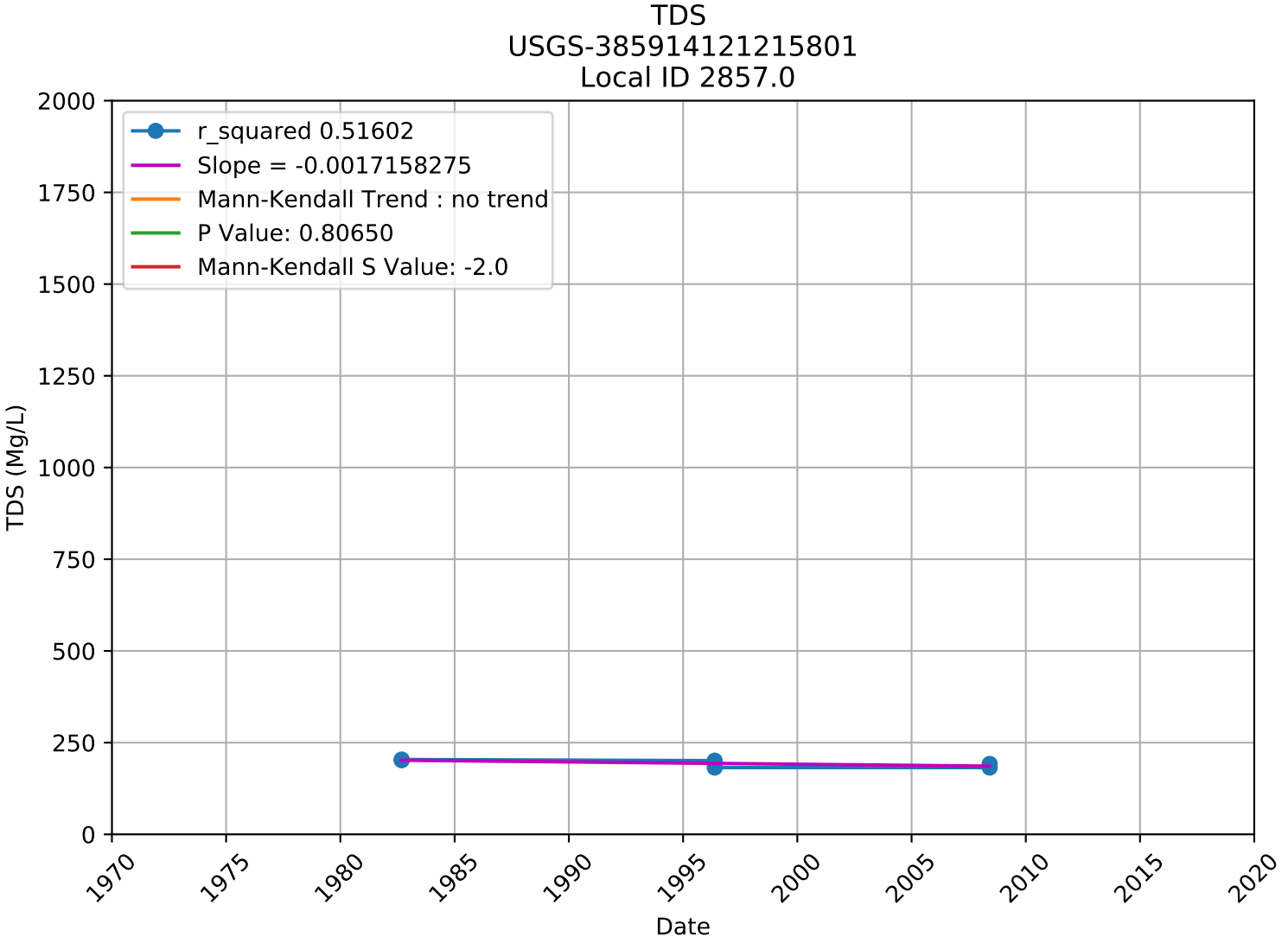

TDS
USGS-384455121292101
Local ID 3035.0
r_squared 0.94151
Slope = 0.0166771741
Mann-Kendall Trend : no trend
P Value: 0.30818
Mann-Kendall S Value: 4.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020


TDS
USGS-384949121233501
Local ID 2812.0
r_squared 0.29051
Slope = 0.0027636121
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date


TDS
USGS-385432121213001
Local ID 2813.0
r_squared 0.18950
Slope = 0.0012791149
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date


TDS
USGS-385546121312801
Local ID 3034.0
r_squared 0.90094
Slope = 0.0080409910
Mann-Kendall Trend : no trend
P Value: 0.36752
Mann-Kendall S Value: 7.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020


TDS
USGS-385718121290401
Local ID 3042.0
r_squared 0.97831
Slope = 0.0098074333
Mann-Kendall Trend : no trend
P Value: 0.13285
Mann-Kendall S Value: 9.0
TDS (Mg/L)
Date
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020


TDS
USGS-385914121215801
Local ID 2857.0
r_squared 0.51602
Slope = -0.0017158275
Mann-Kendall Trend : no trend
P Value: 0.80650
Mann-Kendall S Value: -2.0
TDS (Mg/L)
2000
1750
1500
1250
1000
750
500
250
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

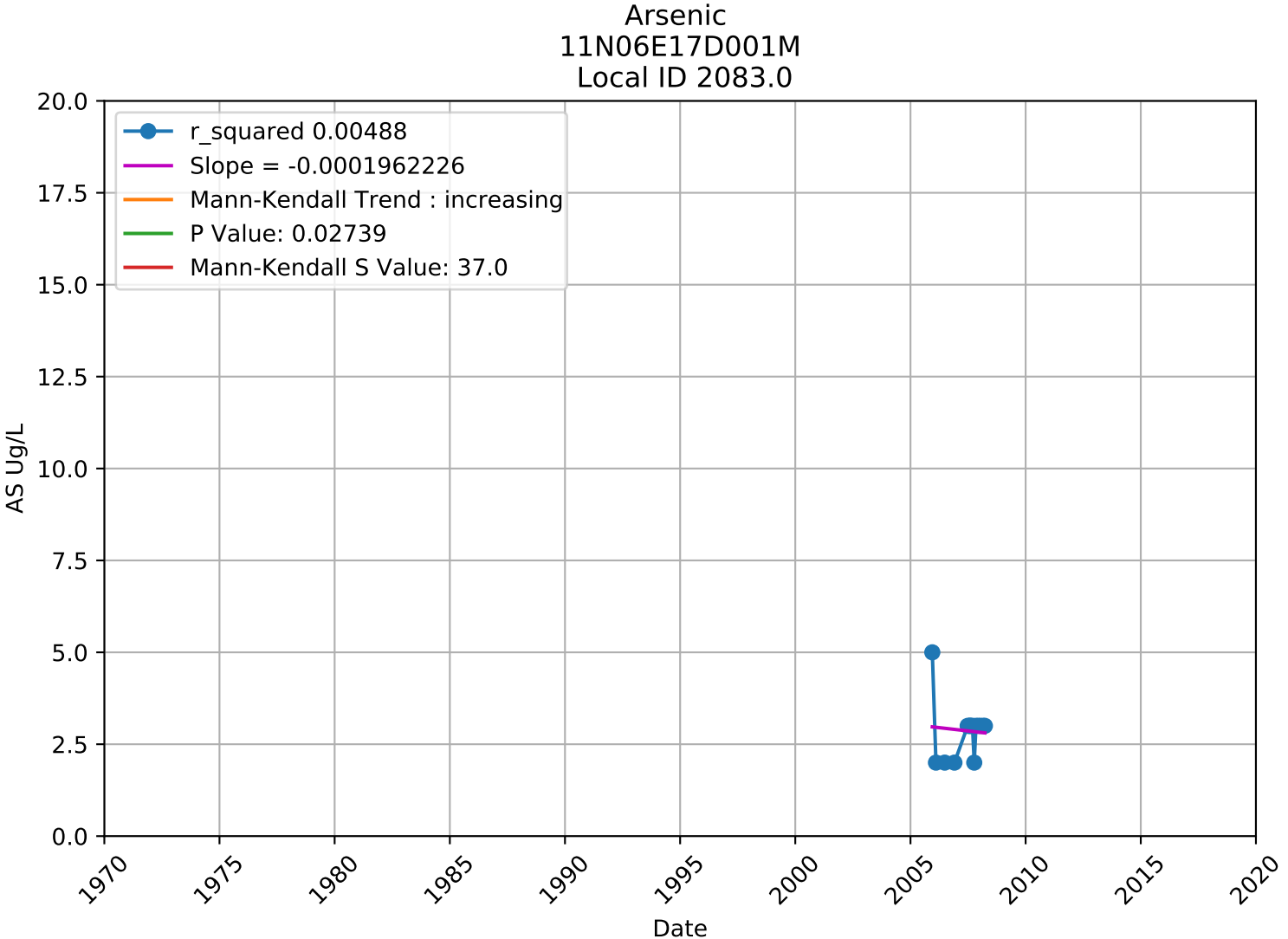
Arsenic

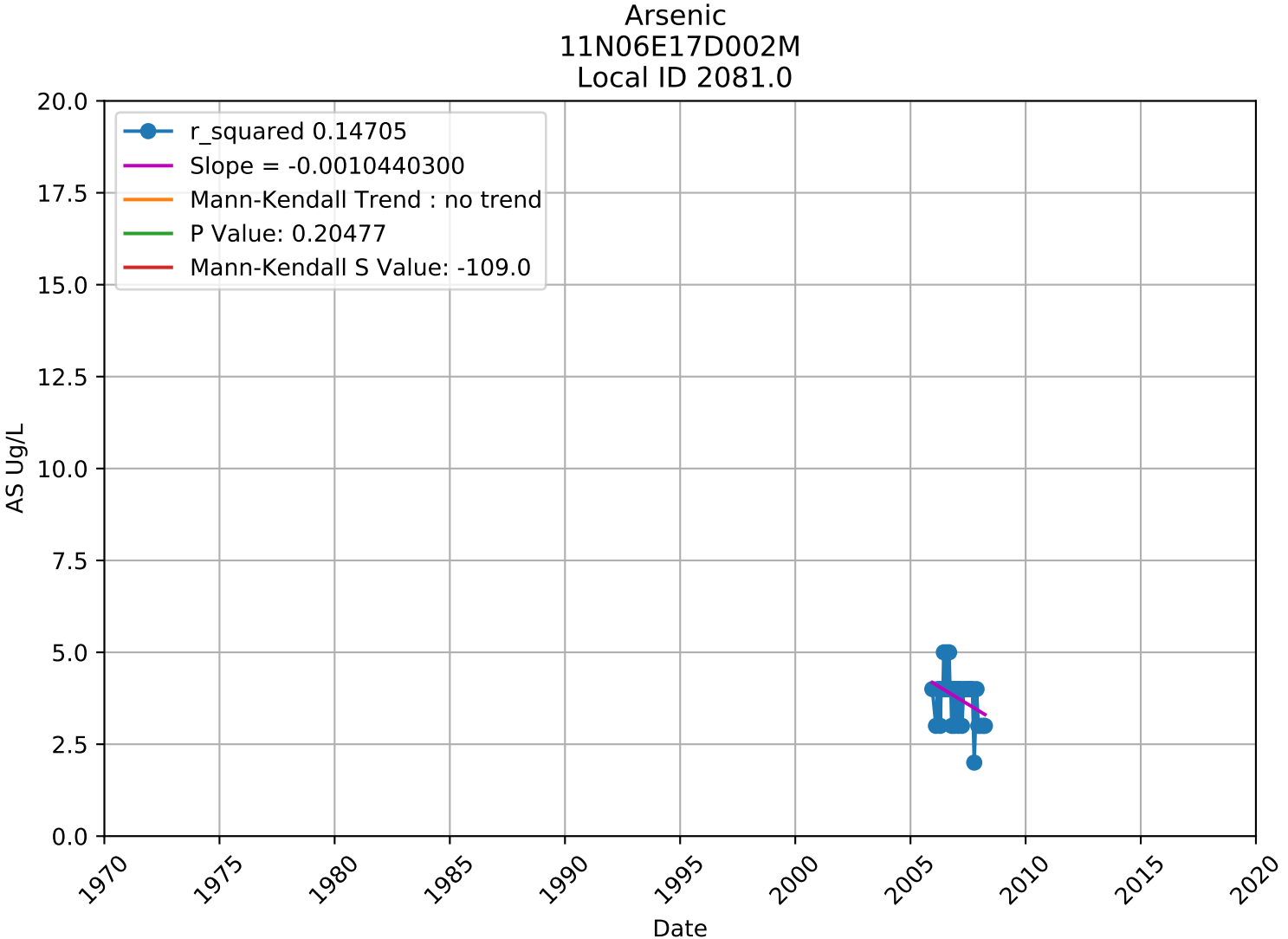
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2081	11N06E17D002M	AS	FALSE	0.205	-109	-0.133	no trend	7253.7	-1.27	12/13/2005	3/26/2008	38.8027	-121.3384
2080	11N06E17D003M	AS	TRUE	0.028	36	0.462	increasing	255.3	2.19	12/13/2005	3/26/2008	38.8059	-121.3358
2082	11N06E17E001M	AS	TRUE	0.003	53	0.582	increasing	301.7	2.99	12/13/2005	3/26/2008	38.8058	-121.3354
2065	3100077-003	AS	FALSE	0.806	-2	-0.2	no trend	16.7	-0.24	2/26/2004	7/10/2017	38.726602	-121.336563
2062	3100077-004	AS	FALSE	0.734	-2	-0.333	no trend	8.7	-0.34	2/26/2004	7/10/2017	38.726284	-121.336527
2059	3100538-001	AS	FALSE	1	0	0	no trend	16.7	0	8/19/1999	3/23/2018	38.7505	-121.321972
2060	3104508-001	AS	FALSE	0.47	3	0.5	no trend	7.7	0.72	2/19/2004	4/20/2017	38.729952	-121.321616
2069	3110008-003	AS	FALSE	0.211	6	0.286	no trend	16	1.25	10/26/1992	1/8/2010	38.753022	-121.279492
2071	3110008-006	AS	FALSE	0.61	5	0.179	no trend	61.7	0.51	10/26/1992	8/25/2016	38.736633	-121.277875
2066	3110008-007	AS	FALSE	0.507	6	0.214	no trend	56.7	0.66	10/26/1992	8/25/2016	38.726493	-121.258205
2050	3110008-008	AS	FALSE	0.452	-5	-0.333	no trend	28.3	-0.75	10/22/2002	8/23/2018	38.805938	-121.33588
2064	3110025-005	AS	FALSE	0.82	-7	-0.046	no trend	695	-0.23	7/26/1989	9/12/2019	38.818889	-121.31
2063	3110040-001	AS	FALSE	0.729	-8	-0.076	no trend	407.3	-0.35	9/27/1988	7/9/2002	38.75	-121.34722
2067	3110040-002	AS	FALSE	0.625	-9	-0.115	no trend	267.7	-0.49	8/31/1989	7/9/2002	38.75	-121.34444
145	3400173-002	AS	FALSE	0.089	6	1	no trend	8.7	1.7	5/24/2001	2/14/2017	38.640638	-121.483861
8	3400383-001	AS	FALSE	0.26	7	0.467	no trend	28.3	1.13	8/23/2001	7/24/2008	38.618983	-121.536935
60	3400456-001	AS	FALSE	0.402	39	0.12	no trend	2058.3	0.84	6/27/2013	9/18/2019	38.698055	-121.43
193	3410001-001	AS	FALSE	1	1	0.022	no trend	116.3	0	1/12/1993	9/5/2017	38.606839	-121.3982
242	3410001-002	AS	FALSE	0.105	-19	-0.422	no trend	123	-1.62	10/13/1995	7/18/2017	38.59783	-121.398024
258	3410001-004	AS	FALSE	1	-1	-0.036	no trend	64.3	0	1/12/1993	6/19/2014	38.611483	-121.410107
284	3410001-005	AS	FALSE	0.402	-9	-0.25	no trend	91	-0.84	2/25/1991	6/8/2011	38.623478	-121.396638
203	3410001-007	AS	FALSE	1	-1	-0.018	no trend	163	0	7/9/1990	9/27/2017	38.610999	-121.363391
128	3410001-009	AS	FALSE	0.242	-5	-0.333	no trend	11.7	-1.17	2/2/1993	12/15/2005	38.616331	-121.403703
212	3410001-010	AS	FALSE	0.754	-5	-0.091	no trend	163	-0.31	7/10/1990	9/12/2017	38.608099	-121.408153
158	3410001-011	AS	FALSE	0.876	-3	-0.055	no trend	163	-0.16	1/30/1992	9/14/2017	38.619863	-121.396184
228	3410001-012	AS	FALSE	0.752	-5	-0.091	no trend	160.3	-0.32	2/25/1991	12/12/2017	38.617662	-121.403695
82	3410001-013	AS	FALSE	1	-1	-0.018	no trend	148.3	0	1/28/1992	9/26/2017	38.598939	-121.370714
146	3410001-014	AS	FALSE	0.316	8	0.286	no trend	48.7	1	7/10/1990	6/27/2006	38.61171	-121.386048
260	3410001-015	AS	FALSE	0.934	2	0.036	no trend	147.3	0.08	11/1/1988	9/19/2017	38.59781	-121.381308
191	3410001-016	AS	FALSE	0.385	-10	-0.222	no trend	107.3	-0.87	2/22/1991	9/4/2014	38.631327	-121.37485
124	3410001-017	AS	FALSE	0.367	-11	-0.244	no trend	123	-0.9	1/30/1992	8/27/2014	38.61981	-121.403732
211	3410001-018	AS	FALSE	0.75	-5	-0.091	no trend	157.7	-0.32	2/22/1991	9/19/2017	38.623854	-121.374359
209	3410001-019	AS	FALSE	0.672	7	0.106	no trend	200.3	0.42	1/27/1992	9/25/2017	38.597831	-121.359623
114	3410001-020	AS	FALSE	1	1	0.018	no trend	156.3	0	1/27/1992	9/19/2017	38.618079	-121.359205
210	3410001-021	AS	FALSE	1	-1	-0.018	no trend	163	0	7/9/1990	9/12/2017	38.615256	-121.419986
161	3410001-022	AS	FALSE	0.419	-10	-0.222	no trend	124	-0.81	10/13/1995	9/11/2017	38.604549	-121.42274
222	3410001-025	AS	FALSE	0.636	-7	-0.127	no trend	160.3	-0.47	2/22/1991	9/19/2017	38.60046	-121.359118
148	3410001-026	AS	FALSE	0.308	4	0.667	no trend	8.7	1.02	7/10/1990	2/23/2005	38.627091	-121.384097
113	3410001-027	AS	FALSE	0.788	-4	-0.089	no trend	124	-0.27	1/30/1992	9/27/2017	38.605146	-121.390988
244	3410001-028	AS	FALSE	0.853	3	0.067	no trend	116.3	0.19	1/30/1992	8/21/2014	38.63562	-121.381097
227	3410001-029	AS	FALSE	0.522	9	0.164	no trend	156.3	0.64	1/30/1992	10/3/2017	38.630252	-121.397575
236	3410001-030	AS	FALSE	0.266	-13	-0.289	no trend	116.3	-1.11	1/29/1992	9/26/2017	38.617802	-121.424022
81	3410001-032	AS	FALSE	0.578	7	0.156	no trend	116.3	0.56	7/9/1990	9/19/2017	38.622918	-121.413817
104	3410001-033	AS	FALSE	0.395	-9	-0.25	no trend	88.3	-0.85	1/29/1992	7/10/2014	38.601378	-121.424
173	3410001-034	AS	FALSE	0.584	7	0.156	no trend	120.3	0.55	7/9/1990	9/11/2017	38.584674	-121.396539
169	3410001-035	AS	FALSE	0.856	-3	-0.067	no trend	121	-0.18	7/9/1990	9/28/2017	38.594464	-121.351844
19	3410001-038	AS	FALSE	0.461	-8	-0.222	no trend	90	-0.74	1/28/1992	6/9/2011	38.578371	-121.363395
20	3410001-039	AS	FALSE	0.834	-3	-0.083	no trend	91	-0.21	2/22/1991	6/20/2006	38.591742	-121.346413
168	3410001-042	AS	FALSE	0.696	-6	-0.109	no trend	164	-0.39	2/22/1991	9/12/2017	38.628014	-121.358648
184	3410001-051	AS	FALSE	0.936	2	0.036	no trend	156.7	0.08	7/9/1990	9/11/2017	38.636187	-121.375067
111	3410001-052	AS	FALSE	0.651	-6	-0.133	no trend	122	-0.45	7/9/1990	9/11/2017	38.625054	-121.362252
287	3410001-054	AS	FALSE	0.937	-2	-0.036	no trend	161.3	-0.08	2/11/1991	9/13/2017	38.582422	-121.408379
122	3410001-055	AS	FALSE	0.848	-3	-0.067	no trend	108.3	-0.19	11/1/1988	12/13/2017	38.594474	-121.39864
26	3410001-056	AS	FALSE	0.564	7	0.156	no trend	108.3	0.58	1/12/1993	9/13/2017	38.578749	-121.41096
3	3410001-061	AS	FALSE	0.979	-2	-0.008	no trend	1416	-0.03	5/7/1998	3/20/2018	38.582786	-121.338489
176	3410001-062	AS	FALSE	0.295	-11	-0.306	no trend	91	-1.05	8/22/2000	9/5/2017	38.618056	-121.401944
12	3410001-064	AS	FALSE	0.886	-2	-0.071	no trend	48.7	-0.14	4/23/2002	9/12/2017	38.584121	-121.353432
13	3410001-065	AS	FALSE	1	1	0.028	no trend	74.3	0	4/22/2002	9/21/2017	38.583196	-121.33679
4	3410001-066	AS	FALSE	0.378	-9	-0.25	no trend	82.3	-0.88	4/23/2002	9/12/2017	38.582214	-121.338203
2	3410001-067	AS	FALSE	0.466	-8	-0.222	no trend	92	-0.73	6/3/1999	10/1/2014	38.582481	-121.417169
225	3410001-069	AS	FALSE	0.578	9	0.136	no trend	207	0.56	2/26/1992	9/28/2017	38.580609	-121.384004
255	3410001-070	AS	FALSE	0.327	15	0.227	no trend	204.3	0.98	2/12/1991	9/12/2017	38.576006	-121.403088
205	3410001-071	AS	FALSE	0.23	-9	-0.429	no trend	44.3	-1.2	4/17/2002	9/14/2017	38.63056	-121.397787
106	3410001-072	AS	FALSE	0.19	7	0.25	no trend	21	1.31	4/17/2002	9/12/2017	38.61744	-121.411527
252	3410001-073	AS	FALSE	0.19	7	0.25	no trend	21	1.31	4/17/2002	9/7/2017	38.58058	-121.383962
58	3410001-076	AS	FALSE	0.949	2	0.026	no trend	244.7	0.06	6/5/1984	7/10/2019	38.644265	-121.362069
69	3410001-077	AS	FALSE	0.442	-15	-0.165	no trend	331.7	-0.77	3/7/1984	7/10/2019	38.631522	-121.352911
86	3410001-078	AS	FALSE	1	1	0.015	no trend	211.7	0	6/5/1984	7/9/2019	38.684818	-121.355931
259	3410001-079	AS	FALSE	0.797	-4	-0.073	no trend	136.7	-0.26	6/4/1984	7/24/2013	38.667577	-121.334161
110	3410001-080	AS	FALSE	0.956	-2	-0.022	no trend	328	-0.06	6/4/1984	7/17/2019	38.672567	-121.331573
174	3410001-081	AS	FALSE	0.699	-7	-0.09	no trend	240.3	-0.39	6/5/1984	7/22/2019	38.683333	-121.333333
71	3410001-082	AS	FALSE	1	-1	-0.008	no trend	279.7	0	6/4/1984	7/21/2016	38.648929	-121.338368
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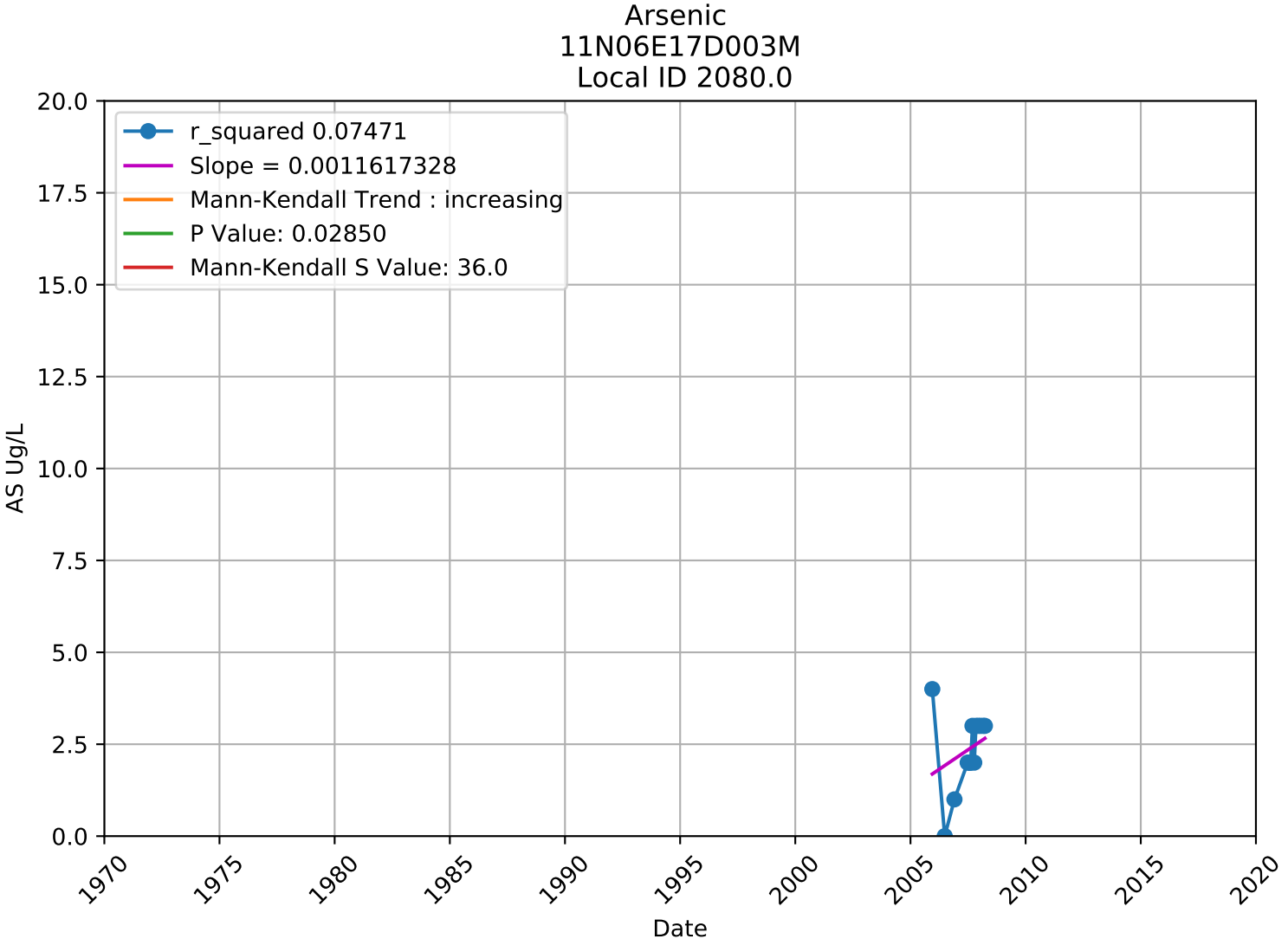
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218	3410001-088	AS	FALSE	0.712	-7	-0.09	no trend	265	-0.37	5/17/1984	7/11/2013	38.668746	-121.361
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185	3410001-094	AS	FALSE	0.52	11	0.121	no trend	241.7	0.64	5/17/1984	7/10/2019	38.652299	-121.354305
196	3410001-095	AS	FALSE	1	-1	-0.022	no trend	59.7	0	5/17/1984	6/21/2007	38.658062	-121.356402
297	3410001-096	AS	FALSE	0.298	-22	-0.21	no trend	407.3	-1.04	6/30/1988	7/9/2019	38.689669	-121.360198
102	3410001-097	AS	FALSE	0.07	-34	-0.374	no trend	330.7	-1.81	12/13/1984	7/11/2019	38.694158	-121.360024
256	3410001-098	AS	FALSE	0.659	9	0.075	no trend	328.3	0.44	5/9/1984	7/9/2019	38.700217	-121.351805
295	3410001-099	AS	FALSE	0.19	-7	-0.25	no trend	21	-1.31	10/20/1988	6/21/2007	38.655401	-121.313482
46	3410001-101	AS	FALSE	0.142	-12	-0.154	no trend	56	-1.47	10/27/1988	7/7/2016	38.663926	-121.32579
231	3410001-102	AS	FALSE	0.741	5	0.076	no trend	146.3	0.33	10/20/1988	7/15/2019	38.675049	-121.315501
101	3410001-103	AS	FALSE	0.175	-8	-0.222	no trend	26.7	-1.36	10/25/1988	11/13/2013	38.651225	-121.32298
163	3410001-104	AS	FALSE	0.573	-10	-0.128	no trend	255.3	-0.56	2/1/1993	7/10/2019	38.710442	-121.331662
180	3410001-105	AS	FALSE	0.755	-5	-0.076	no trend	163.7	-0.31	10/12/1995	7/10/2019	38.710528	-121.331667
262	3410001-106	AS	FALSE	0.799	-3	-0.107	no trend	61.7	-0.25	6/28/2001	7/8/2013	38.710517	-121.331659
85	3410001-107	AS	FALSE	0.701	5	0.111	no trend	108.3	0.38	11/4/1996	7/14/2016	38.709903	-121.357066
127	3410001-111	AS	FALSE	1	1	0.018	no trend	160.3	0	12/13/1995	7/11/2019	38.665363	-121.383099
254	3410001-127	AS	FALSE	0.433	11	0.2	no trend	163	0.78	12/13/1995	7/29/2013	38.712268	-121.381099
283	3410001-128	AS	FALSE	0.343	10	0.278	no trend	90	0.95	12/13/1995	6/17/2010	38.709783	-121.374669
149	3410001-129	AS	FALSE	0.582	-8	-0.145	no trend	161.3	-0.55	12/13/1995	7/29/2013	38.710651	-121.387666
118	3410001-133	AS	FALSE	1	1	0.015	no trend	209	0	2/25/1991	7/22/2019	38.682932	-121.376063
182	3410001-135	AS	FALSE	0.138	-17	-0.378	no trend	116.3	-1.48	2/5/1998	11/7/2016	38.68794	-121.385107
99	3410001-136	AS	FALSE	0.189	-17	-0.309	no trend	148.3	-1.31	2/25/1991	3/27/2018	38.685899	-121.372701
141	3410001-137	AS	FALSE	0.145	-17	-0.378	no trend	120.3	-1.46	2/25/1991	7/29/2013	38.692847	-121.375953
183	3410001-139	AS	FALSE	0.35	-13	-0.236	no trend	165	-0.93	5/17/1984	7/19/2016	38.69191	-121.364477
280	3410001-142	AS	FALSE	0.241	-16	-0.291	no trend	164	-1.17	7/20/1989	7/11/2016	38.686782	-121.392424
197	3410001-144	AS	FALSE	0.358	-16	-0.205	no trend	266.7	-0.92	2/25/1991	7/23/2019	38.69798	-121.373877
213	3410001-145	AS	FALSE	0.659	5	0.139	no trend	82.3	0.44	4/22/2002	7/10/2019	38.67526	-121.379573
315	3410002-001	AS	FALSE	0.936	-2	-0.036	no trend	155.3	-0.08	2/20/1991	2/8/2017	38.583333	-121.383333
117	3410002-002	AS	FALSE	0.799	-3	-0.107	no trend	61.7	-0.25	7/17/1990	2/8/2017	38.583333	-121.366667
28	3410002-007	AS	FALSE	0.212	-11	-0.393	no trend	64.3	-1.25	7/17/1990	2/14/2017	38.566667	-121.4
10	3410002-012	AS	FALSE	0.368	-7	-0.333	no trend	44.3	-0.9	7/17/1990	5/8/2017	38.566667	-121.416667
17	3410002-013	AS	FALSE	0.902	2	0.071	no trend	65.3	0.12	7/17/1990	2/14/2017	38.583333	-121.416667
249	3410002-014	AS	FALSE	0.799	-3	-0.107	no trend	61.7	-0.25	1/19/1993	5/8/2017	38.583333	-121.366667
152	3410003-001	AS	FALSE	1	1	0.013	no trend	265	0	9/5/1990	2/6/2019	38.587545	-121.385145
153	3410003-002	AS	FALSE	0.813	-4	-0.073	no trend	161.3	-0.24	4/11/1986	2/28/2017	38.582537	-121.383219
245	3410003-004	AS	FALSE	0.734	-2	-0.333	no trend	8.7	-0.34	9/19/1990	1/25/2005	38.587611	-121.392074
162	3410003-005	AS	FALSE	0.592	-7	-0.156	no trend	125	-0.54	4/2/1987	7/11/2017	38.591017	-121.384139
251	3410003-006	AS	FALSE	0.348	10	0.278	no trend	92	0.94	4/2/1987	2/28/2017	38.59211	-121.387633
238	3410003-008	AS	FALSE	0.788	-4	-0.089	no trend	124	-0.27	4/2/1987	2/28/2017	38.600074	-121.391973
74	3410004-001	AS	FALSE	1	1	0.022	no trend	106.3	0	10/24/1995	2/3/2004	38.645432	-121.313067
83	3410004-004	AS	FALSE	0.257	20	0.19	no trend	281.3	1.13	2/19/1991	1/28/2010	38.64988	-121.30798
175	3410004-005	AS	FALSE	0.242	-5	-0.333	no trend	11.7	-1.17	3/1/1991	10/4/2001	38.633333	-121.35
172	3410004-006	AS	FALSE	0.158	-49	-0.194	no trend	1157.7	-1.41	8/1/1990	6/1/2017	38.622744	-121.335704
6	3410004-007	AS	FALSE	1	-1	-0.018	no trend	73	0	8/1/1990	10/23/2002	38.594673	-121.334606
150	3410004-009	AS	FALSE	0.832	-8	-0.032	no trend	1092.7	-0.21	2/19/1991	6/1/2017	38.619652	-121.333354
261	3410004-016	AS	FALSE	0.151	55	0.199	no trend	1411.7	1.44	5/8/1987	6/1/2017	38.645576	-121.306819
248	3410004-020	AS	FALSE	0.585	7	0.077	no trend	121	0.55	4/25/2002	6/1/2017	38.641845	-121.315446
139	3410004-021	AS	FALSE	0.373	-14	-0.212	no trend	212.7	-0.89	4/23/2002	6/1/2017	38.604804	-121.342252
290	3410006-001	AS	FALSE	1	-1	-0.036	no trend	37	0	12/20/1990	5/30/2019	38.661305	-121.292607
198	3410006-008	AS	FALSE	0.242	-5	-0.333	no trend	11.7	-1.17	12/6/1990	2/20/2013	38.679425	-121.289154
98	3410006-010	AS	FALSE	0.308	4	0.667	no trend	8.7	1.02	10/21/2004	6/6/2018	38.698638	-121.269673
130	3410007-001	AS	FALSE	0.221	-6	-0.6	no trend	16.7	-1.22	4/10/1992	6/24/2010	38.613787	-121.367811
229	3410007-002	AS	FALSE	0.133	-9	-0.6	no trend	28.3	-1.5	10/2/1995	8/18/2016	38.613607	-121.371676
216	3410007-003	AS	FALSE	0.368	-7	-0.333	no trend	44.3	-0.9	2/19/1991	8/22/2016	38.606352	-121.369707
269	3410007-004	AS	FALSE	0.707	3	0.2	no trend	28.3	0.38	10/2/1995	8/17/2016	38.607768	-121.374083
77	3410007-005	AS	FALSE	0.133	-9	-0.6	no trend	28.3	-1.5	10/2/1995	8/18/2016	38.61458	-121.378552
142	3410007-006	AS	FALSE	0.308	-4	-0.667	no trend	8.7	-1.02	10/2/1995	6/28/2010	38.60731	-121.364767
195	3410007-007	AS	FALSE	0.707	-3	-0.2	no trend	28.3	-0.38	10/2/1995	6/21/2018	38.606531	-121.380719
253	3410007-008	AS	FALSE	0.707	3	0.2	no trend	28.3	0.38	1/26/1993	8/16/2016	38.613172	-121.380739
166	3410009-001	AS	FALSE	0.211	-6	-0.286	no trend	16	-1.25	1/28/1993	6/26/2003	38.643048	-121.268528
105	3410009-004	AS	FALSE	0.857	-3	-0.067	no trend	123	-0.18	8/2/1990	6/6/2006	38.651282	-121.255173
78	3410009-005	AS	FALSE	0.19	-7	-0.25	no trend	21	-1.31	2/28/1991	6/26/2003	38.650805	-121.286999
201	3410009-006	AS	FALSE	0.524	8	0.121	no trend	120.7	0.64	2/28/1991	5/10/2012	38.642768	-121.278261
234	3410009-007	AS	FALSE	0.155	-10	-0.182	no trend	40	-1.42	7/19/1989	5/10/2012	38.651297	-121.296666
217	3410009-008	AS	TRUE	0.012	24	0.667	increasing	83.3	2.52	8/16/1990	6/6/2006	38.662066	-121.265396
164	3410009-010	AS	FALSE	0.141	22	0.282	no trend	203.3	1.47	11/7/1991	3/28/2019	38.659628	-121.25556
93	3410013-001	AS	FALSE	0.838	-3	-0.067	no trend	95.7	-0.2	10/7/1992	8/13/2018	38.694922	-121.332628
159	3410013-002	AS	FALSE	0.524	-8	-0.145	no trend	120.7	-0.64	2/18/1992	8/13/2018	38.69054	-121.34151
51	3410013-003	AS	FALSE	0.239	14	0.311	no trend	122	1.18	11/2/1988	8/16/2018	38.683982	-121.31348
240	3410013-004	AS	FALSE	0.265	15	0.273	no trend	157.7	1.11	7/2/1990	8/7/2018	38.699328	-121.295627
178	3410013-005	AS	TRUE	0.043	26	0.473	increasing	152.7	2.02	7/2/1990	8/7/2018	38.669042	-121.293798
63	3410013-006	AS	FALSE	0.132	20	0.364	no trend	159.3	1.51	2/11/1992	8/8/2018	38.685052	-121.305855

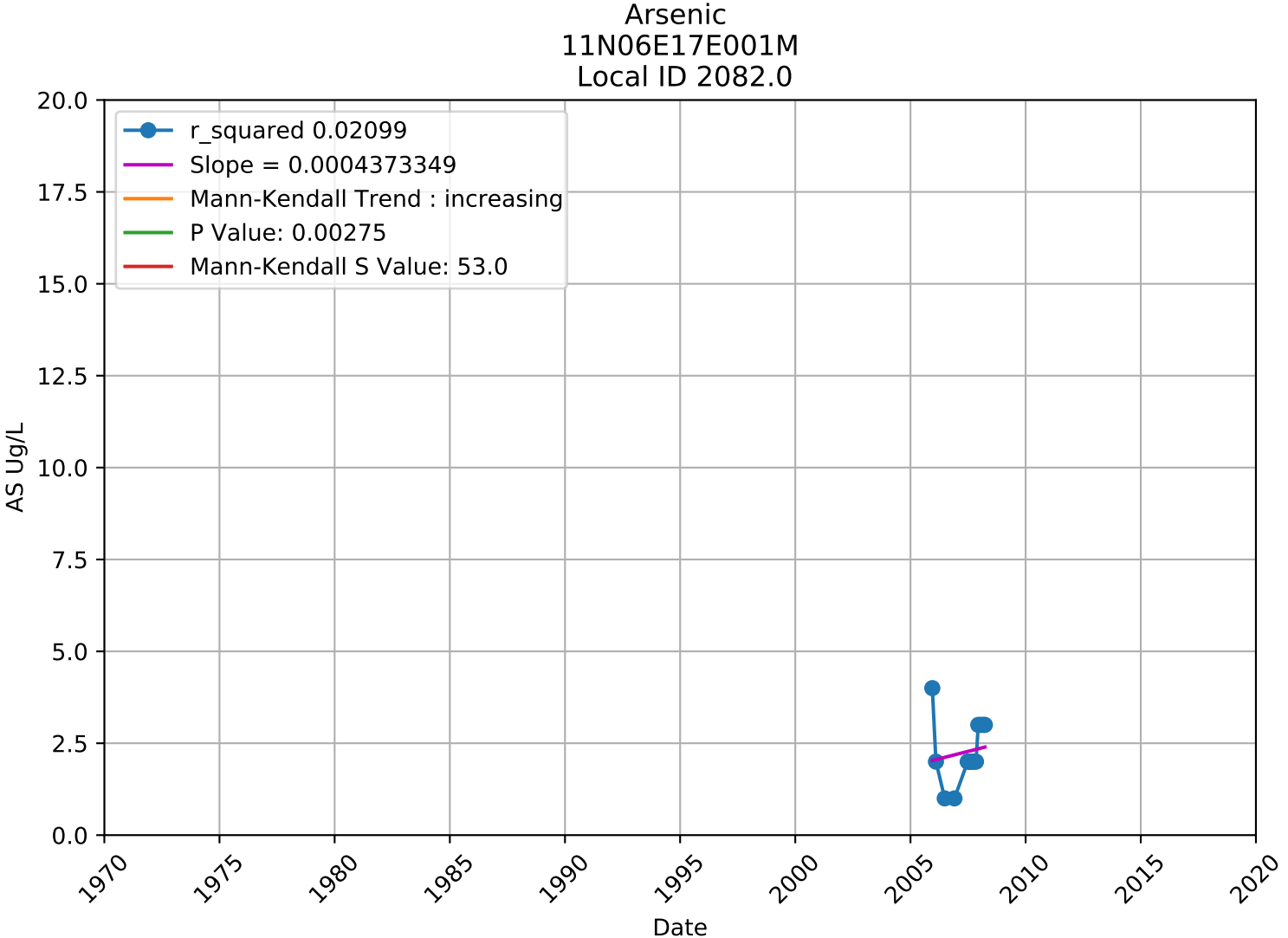
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270	3410013-008	AS	FALSE	0.235	16	0.291	no trend	159.3	1.19	2/13/1991	8/16/2018	38.673506	-121.340002
224	3410013-009	AS	FALSE	0.363	11	0.244	no trend	121	0.91	2/11/1992	8/7/2018	38.695662	-121.29509
92	3410013-010	AS	FALSE	0.235	16	0.291	no trend	159.3	1.19	2/11/1992	8/15/2018	38.670117	-121.341406
237	3410013-012	AS	FALSE	0.068	27	0.409	no trend	203	1.82	7/2/1990	8/13/2018	38.66565	-121.302524
223	3410013-013	AS	FALSE	0.306	-12	-0.267	no trend	115.3	-1.02	2/12/1991	8/13/2018	38.678824	-121.304628
144	3410013-014	AS	FALSE	0.239	14	0.311	no trend	122	1.18	2/12/1991	8/8/2018	38.668822	-121.304482
112	3410013-015	AS	FALSE	0.772	4	0.089	no trend	107.3	0.29	2/18/1992	8/6/2018	38.70124	-121.345319
233	3410013-016	AS	FALSE	0.466	10	0.182	no trend	152.7	0.73	2/11/1993	8/13/2018	38.709473	-121.292244
265	3410013-017	AS	FALSE	0.119	9	0.6	no trend	26.3	1.56	2/11/1992	8/24/2006	38.712243	-121.303547
247	3410013-019	AS	FALSE	0.098	21	0.382	no trend	146.3	1.65	7/2/1990	8/6/2018	38.700287	-121.330955
226	3410013-020	AS	FALSE	0.558	3	0.2	no trend	11.7	0.59	2/12/1991	8/24/2006	38.716217	-121.294262
88	3410013-021	AS	FALSE	0.28	14	0.255	no trend	144.7	1.08	2/13/1991	8/8/2018	38.683333	-121.35
232	3410013-022	AS	FALSE	0.319	9	0.321	no trend	64.3	1	2/18/1992	9/11/2012	38.7124	-121.306829
189	3410013-023	AS	TRUE	0.006	-28	-0.622	decreasing	96.7	-2.75	2/11/1992	8/7/2018	38.695536	-121.313454
66	3410013-024	AS	FALSE	0.636	7	0.127	no trend	161	0.47	2/11/1992	8/7/2018	38.680539	-121.31067
220	3410013-025	AS	FALSE	0.888	-3	-0.045	no trend	201	-0.14	2/18/1992	8/13/2018	38.718426	-121.313299
188	3410013-026	AS	FALSE	0.186	17	0.309	no trend	146.3	1.32	7/2/1990	8/6/2018	38.701667	-121.344722
119	3410013-027	AS	FALSE	0.098	22	0.4	no trend	161.3	1.65	2/18/1992	9/18/2012	38.709413	-121.317252
165	3410013-028	AS	FALSE	0.211	-6	-0.286	no trend	16	-1.25	4/21/1997	8/13/2018	38.698857	-121.32618
125	3410016-001	AS	FALSE	1	1	0.167	no trend	7.7	0	1/28/1993	12/3/2007	38.686538	-121.219546
147	3410016-002	AS	FALSE	0.806	-2	-0.2	no trend	16.7	-0.24	4/18/1991	1/17/2013	38.694541	-121.210813
126	3410018-005	AS	FALSE	0.089	-6	-1	no trend	8.7	-1.7	2/28/1991	3/5/2002	38.721801	-121.46774
24	3410020-015	AS	FALSE	0.902	2	0.071	no trend	65.3	0.12	1/17/1992	4/3/2017	38.6125	-121.479167
11	3410020-016	AS	FALSE	0.536	6	0.214	no trend	65.3	0.62	1/17/1992	1/20/2015	38.616667	-121.479167
293	3410020-017	AS	FALSE	1	0	0	no trend	164	0	11/18/1988	8/24/2017	38.62266	-121.477813
84	3410020-018	AS	FALSE	0.858	-3	-0.067	no trend	125	-0.18	1/17/1992	5/8/2017	38.627831	-121.477227
292	3410020-021	AS	FALSE	0.566	4	0.267	no trend	27.3	0.57	1/21/1992	10/12/2011	38.607083	-121.454779
97	3410020-022	AS	FALSE	0.419	-10	-0.222	no trend	124	-0.81	11/18/1988	3/20/2017	38.607305	-121.443097
136	3410020-023	AS	FALSE	0.799	-3	-0.107	no trend	61.7	-0.25	1/21/1992	3/7/2017	38.604956	-121.439486
314	3410020-024	AS	FALSE	0.718	-5	-0.111	no trend	123	-0.36	11/18/1988	10/10/2011	38.612801	-121.450505
129	3410020-025	AS	FALSE	1	-1	-0.1	no trend	13	0	1/21/1992	10/9/2008	38.612294	-121.440456
215	3410020-027	AS	FALSE	0.578	-7	-0.156	no trend	116.3	-0.56	1/22/1992	5/8/2017	38.620988	-121.443553
279	3410020-028	AS	FALSE	0.37	-14	-0.212	no trend	210.7	-0.9	11/18/1988	5/8/2017	38.62044	-121.432285
108	3410020-029	AS	FALSE	0.428	17	0.162	no trend	408.3	0.79	1/17/1992	10/8/2018	38.618056	-121.468056
107	3410020-030	AS	FALSE	0.602	-6	-0.167	no trend	92	-0.52	1/17/1992	5/8/2017	38.625119	-121.462605
59	3410020-032	AS	FALSE	0.696	-6	-0.109	no trend	164	-0.39	1/16/1991	8/24/2017	38.628503	-121.43627
55	3410020-033	AS	FALSE	1	1	0.028	no trend	82.3	0	11/16/1988	10/10/2011	38.626808	-121.42959
171	3410020-034	AS	FALSE	0.696	-6	-0.109	no trend	164	-0.39	1/16/1991	2/27/2018	38.638412	-121.446721
73	3410020-035	AS	FALSE	1	1	0.018	no trend	163	0	1/16/1991	2/27/2018	38.639934	-121.427293
133	3410020-037	AS	FALSE	0.938	-2	-0.036	no trend	164	-0.08	1/16/1991	5/8/2017	38.651207	-121.469509
264	3410020-038	AS	FALSE	0.638	-7	-0.127	no trend	163	-0.47	1/16/1991	5/8/2017	38.647475	-121.459256
50	3410020-039	AS	FALSE	0.806	-2	-0.2	no trend	16.7	-0.24	1/22/1992	10/8/2003	38.627595	-121.432917
56	3410020-040	AS	FALSE	0.585	8	0.145	no trend	164	0.55	10/22/1990	5/9/2017	38.629597	-121.420726
278	3410020-041	AS	FALSE	0.271	-17	-0.258	no trend	211.7	-1.1	1/16/1991	5/9/2017	38.641387	-121.435795
22	3410020-042	AS	FALSE	0.902	2	0.071	no trend	65.3	0.12	1/21/1992	3/7/2017	38.596923	-121.458973
294	3410020-044	AS	FALSE	0.799	3	0.107	no trend	61.7	0.25	10/16/1990	10/10/2011	38.613996	-121.456155
194	3410020-045	AS	FALSE	0.815	-4	-0.073	no trend	164	-0.23	10/19/1990	5/9/2017	38.622276	-121.446858
134	3410020-046	AS	FALSE	0.834	3	0.083	no trend	91	0.21	1/22/1992	9/22/2014	38.623116	-121.427024
157	3410020-050	AS	FALSE	0.474	9	0.2	no trend	125	0.72	1/16/1991	3/25/2014	38.668053	-121.438012
42	3410020-051	AS	FALSE	0.81	-4	-0.073	no trend	155.3	-0.24	1/16/1991	2/27/2018	38.634413	-121.412516
296	3410020-052	AS	FALSE	0.283	13	0.289	no trend	125	1.07	3/8/1993	5/9/2017	38.599341	-121.445804
214	3410020-054	AS	FALSE	0.533	9	0.164	no trend	165	0.62	1/21/1992	8/24/2017	38.596324	-121.427308
33	3410020-055	AS	FALSE	0.537	-10	-0.152	no trend	212.7	-0.62	1/17/1992	5/9/2017	38.617636	-121.469304
91	3410020-056	AS	TRUE	0.012	29	0.644	increasing	125	2.5	1/12/1994	5/9/2017	38.654657	-121.448564
291	3410020-057	AS	FALSE	0.651	16	0.076	no trend	1096.7	0.45	1/18/1995	12/19/2018	38.658482	-121.466415
30	3410026-001	AS	FALSE	0.734	-2	-0.333	no trend	8.7	-0.34	2/21/1991	5/31/2012	38.58961	-121.429343
7	3410026-002	AS	FALSE	0.806	2	0.2	no trend	16.7	0.24	2/21/1991	5/3/2018	38.588266	-121.423478
31	3410026-003	AS	FALSE	1	0	0	no trend	16.7	0	2/21/1991	5/3/2018	38.593617	-121.439154
18	3410026-004	AS	FALSE	0.806	-2	-0.2	no trend	16.7	-0.24	2/21/1991	5/3/2018	38.593339	-121.432431
206	3410031-001	AS	FALSE	1	-1	-0.018	no trend	160.3	0	3/24/1988	5/16/2019	38.720833	-121.358333
190	3410031-002	AS	FALSE	0.711	-5	-0.111	no trend	116.3	-0.37	9/10/1993	8/8/2018	38.717222	-121.3575
94	3410031-003	AS	TRUE	0.008	-30	-0.545	decreasing	120.7	-2.64	2/12/1991	8/14/2018	38.7	-121.383333
221	3410031-004	AS	FALSE	0.453	-16	-0.152	no trend	398.7	-0.75	10/29/1987	8/14/2018	38.718056	-121.382222
61	3410031-005	AS	FALSE	0.442	-9	-0.2	no trend	108.3	-0.77	2/26/1992	8/5/2015	38.716667	-121.4
160	3410031-006	AS	TRUE	0.021	-31	-0.47	decreasing	168.3	-2.31	11/2/1988	8/14/2018	38.708333	-121.383611
2073	3410031-007	AS	TRUE	0.001	41	0.745	increasing	148.3	3.28	2/12/1991	8/9/2018	38.733333	-121.35
2056	3410031-008	AS	FALSE	0.235	-16	-0.291	no trend	159.3	-1.19	10/7/1992	8/9/2018	38.733333	-121.35
208	3410031-009	AS	FALSE	0.611	6	0.133	no trend	96.7	0.51	1/15/1992	8/7/2018	38.715278	-121.378056
72	3410031-010	AS	FALSE	0.667	5	0.139	no trend	86.3	0.43	8/29/1995	8/7/2018	38.705	-121.365556
289	3410031-011	AS	FALSE	1	1	0.008	no trend	483.7	0	6/21/1990	8/7/2018	38.726944	-121.3825
135	3410031-012	AS	FALSE	0.203	11	0.393	no trend	61.7	1.27	6/12/1992	8/7/2018	38.721111	-121.368611
45	3410031-013	AS	FALSE	0.651	-6	-0.133	no trend	122	-0.45	2/25/1992	8/14/2018	38.711667	-121.413889
54	3410031-014	AS	FALSE	0.631	-7	-0.127	no trend	156.3	-0.48	4/15/1987	8/14/2018	38.716111	-121.408889
95	3410031-015	AS	FALSE	0.308	-4	-0.667	no trend	8.7	-1.02	2/11/1993	8/14/2018	38.716667	-121.416667

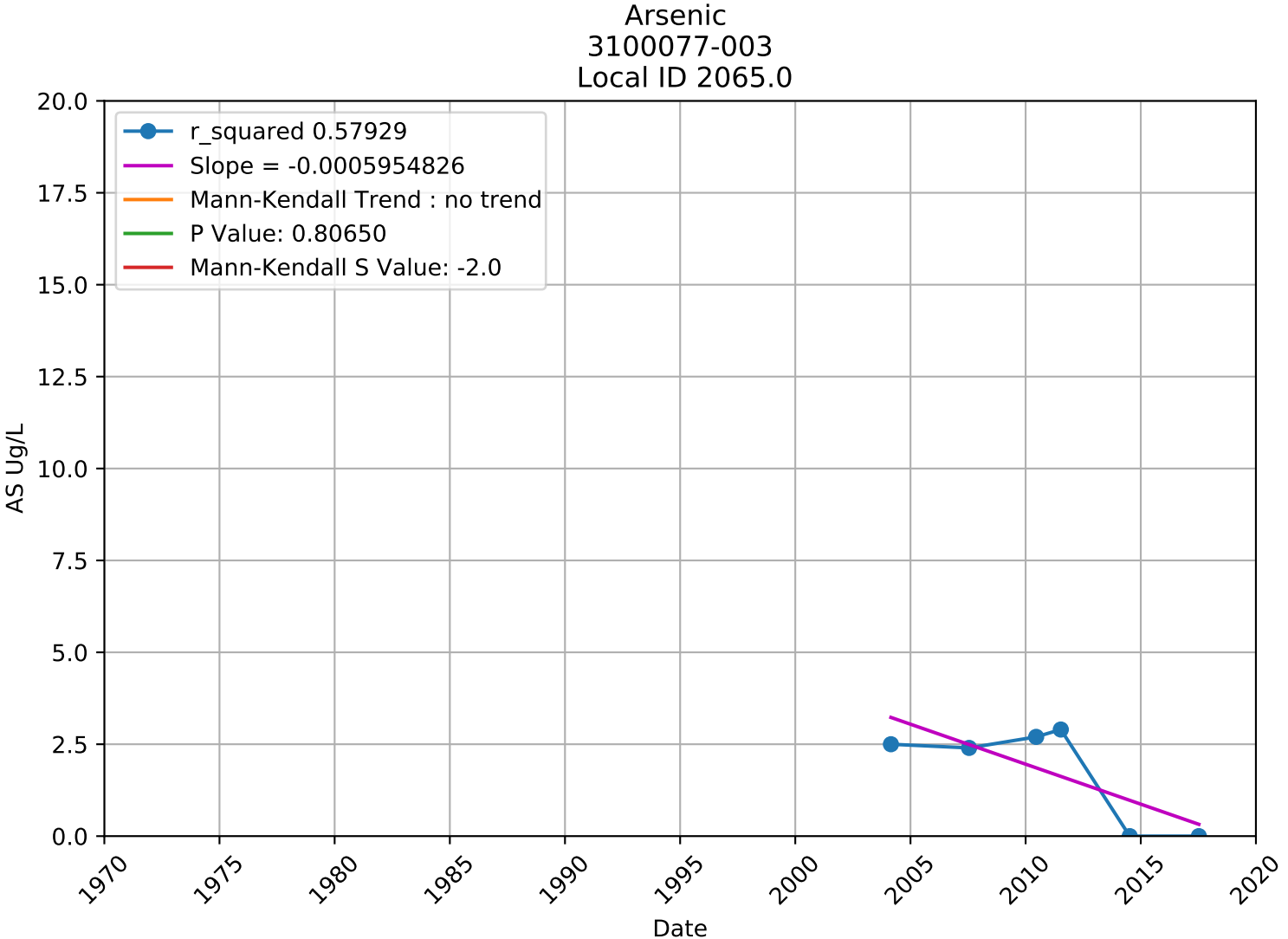
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257	3410031-018	AS	FALSE	0.854	-3	-0.067	no trend	118.3	-0.18	1/9/1996	8/7/2018	38.716389	-121.371944
288	3410045-001	AS	FALSE	0.43	-11	-0.2	no trend	160.3	-0.79	2/25/1992	8/7/2018	38.586137	-121.411513
138	3410045-002	AS	FALSE	0.113	18	0.4	no trend	115.3	1.58	2/25/1992	8/7/2018	38.583085	-121.413054
116	3410045-003	AS	FALSE	0.711	5	0.111	no trend	116.3	0.37	1/21/1993	8/7/2018	38.594423	-121.417465
243	3410045-004	AS	FALSE	0.175	14	0.389	no trend	92	1.36	7/3/1990	7/12/2012	38.592566	-121.407256
96	3410045-005	AS	FALSE	0.636	7	0.127	no trend	160.3	0.47	2/12/1991	8/7/2018	38.600025	-121.410183
2074	3910005-049	AS	FALSE	0.602	-6	-0.167	no trend	92	-0.52	6/9/2009	6/12/2018	38.8271	-121.232
2908	5100136-002	AS	FALSE	0.221	6	0.6	no trend	16.7	1.22	3/12/2003	4/11/2018	38.911927	-121.526004
2901	5100138-001	AS	FALSE	0.764	3	0.143	no trend	44.3	0.3	2/11/1991	1/3/2017	38.947299	-121.524183
2902	5100140-001	AS	FALSE	0.537	-16	-0.118	no trend	589.3	-0.62	2/11/1991	5/19/2010	38.911233	-121.542832
2900	5100143-001	AS	FALSE	0.734	-2	-0.333	no trend	8.7	-0.34	2/11/1991	5/18/2005	38.823397	-121.503832
2905	5100143-002	AS	FALSE	0.451	-12	-0.182	no trend	212.7	-0.75	9/21/2005	8/21/2019	38.823303	-121.503779
2904	5100153-002	AS	FALSE	0.051	262	0.183	no trend	17963	1.95	3/8/2005	7/7/2019	38.772313	-121.525061
2907	5105004-001	AS	FALSE	0.063	-16	-0.571	no trend	65.3	-1.86	11/29/2000	5/17/2017	38.777769	-121.52437
2909	5105013-001	AS	FALSE	0.38	17	0.187	no trend	331.7	0.88	2/29/2016	7/7/2019	38.781319	-121.484797
1859	USGS-383746121291101	AS	FALSE	0.711	-4	-0.143	no trend	65.3	-0.37	8/4/1998	8/8/2017	38.6292139	-121.4877028
1860	USGS-384145121184101	AS	FALSE	0.368	7	0.333	no trend	44.3	0.9	8/17/1998	9/4/2012	38.6964	-121.3120389
1868	USGS-384330121293901	AS	FALSE	1	1	0.048	no trend	44.3	0	8/11/1997	7/10/2017	38.7251167	-121.4954417
2806	USGS-384413121163801	AS	FALSE	0.308	4	0.667	no trend	8.7	1.02	9/24/1982	3/10/2014	38.7369444	-121.2772222

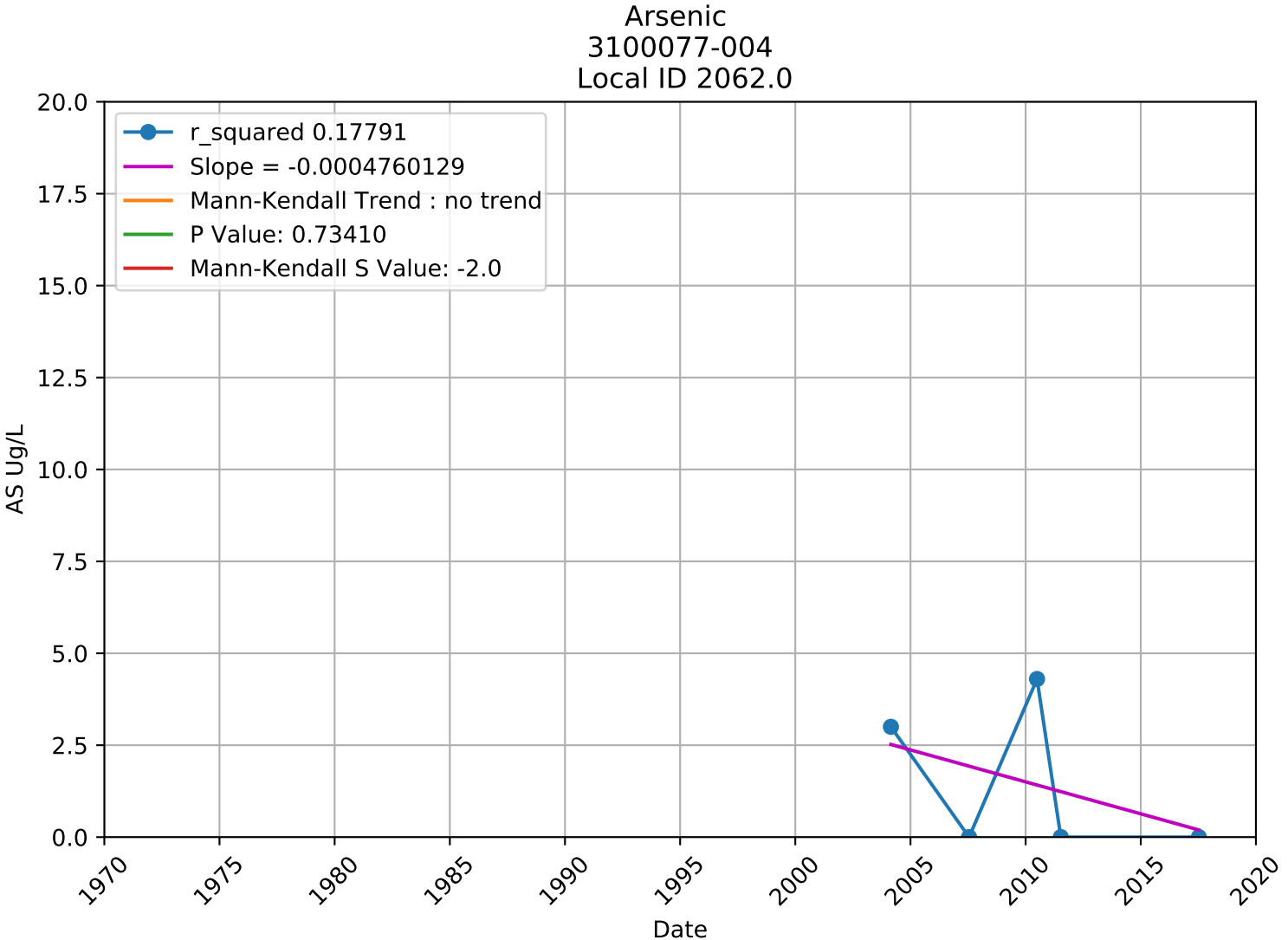

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Mann-Kendall Trend : increasing
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Mann-Kendall S Value: 37.0
AS Ug/L
Date
20.0
17.5
15.0
12.5
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5.0
2.5
0.0
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1975
1980
1985
1990
1995
2000
2005
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2015
2020

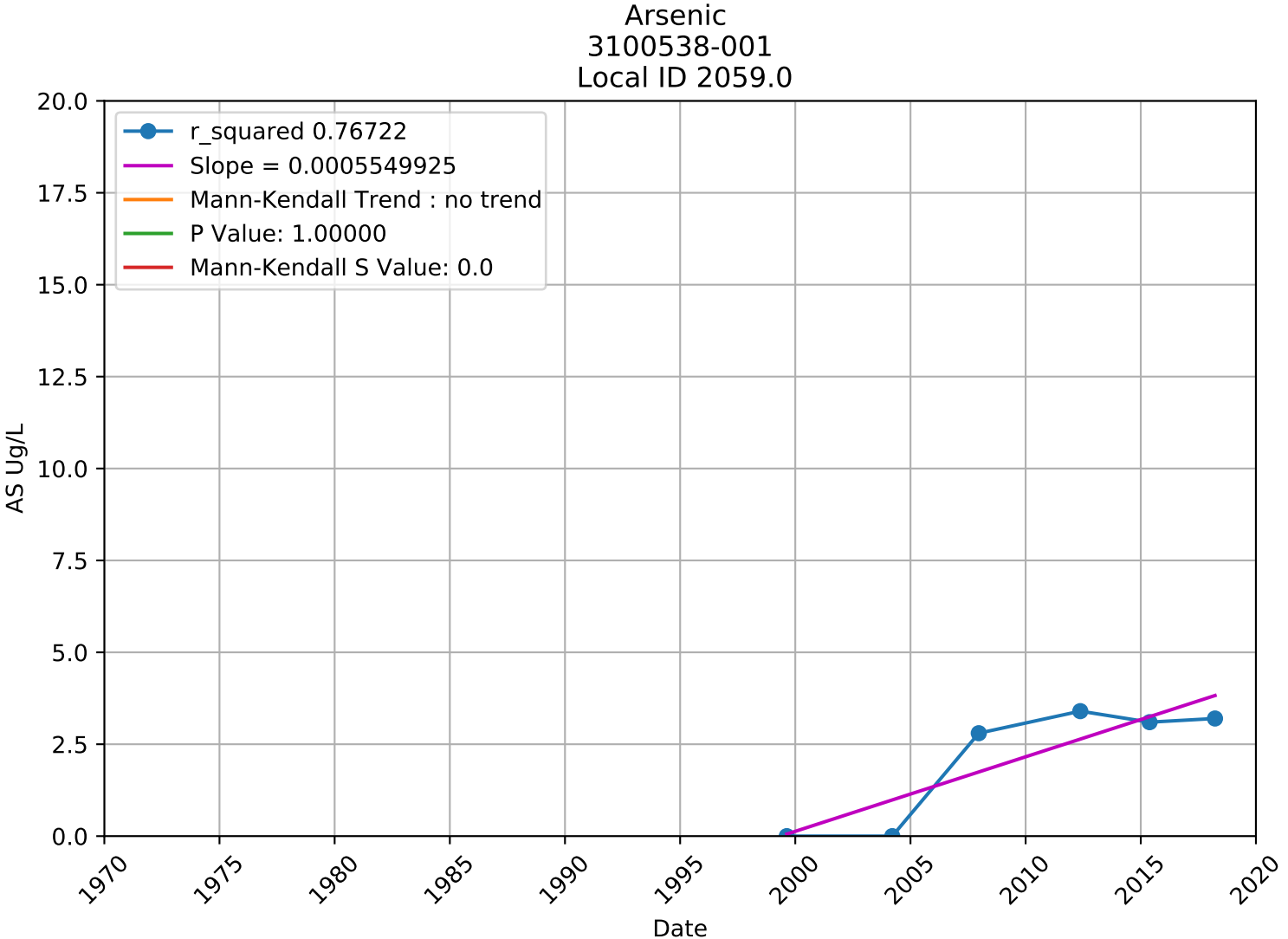

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Mann-Kendall Trend : no trend
P Value: 0.20477
Mann-Kendall S Value: -109.0
AS Ug/L
Date
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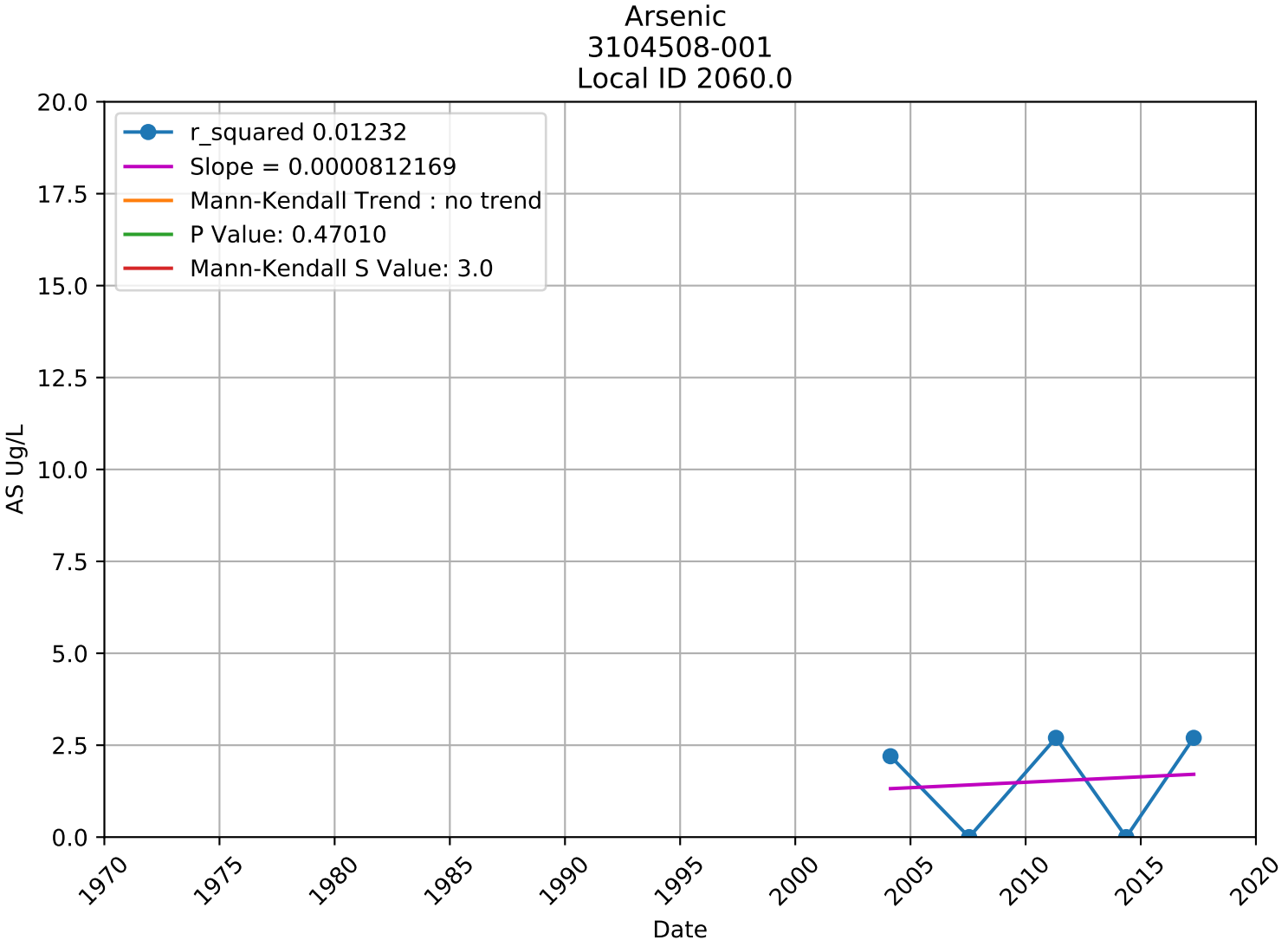

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Mann-Kendall Trend : increasing
P Value: 0.02850
Mann-Kendall S Value: 36.0
AS Ug/L
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17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

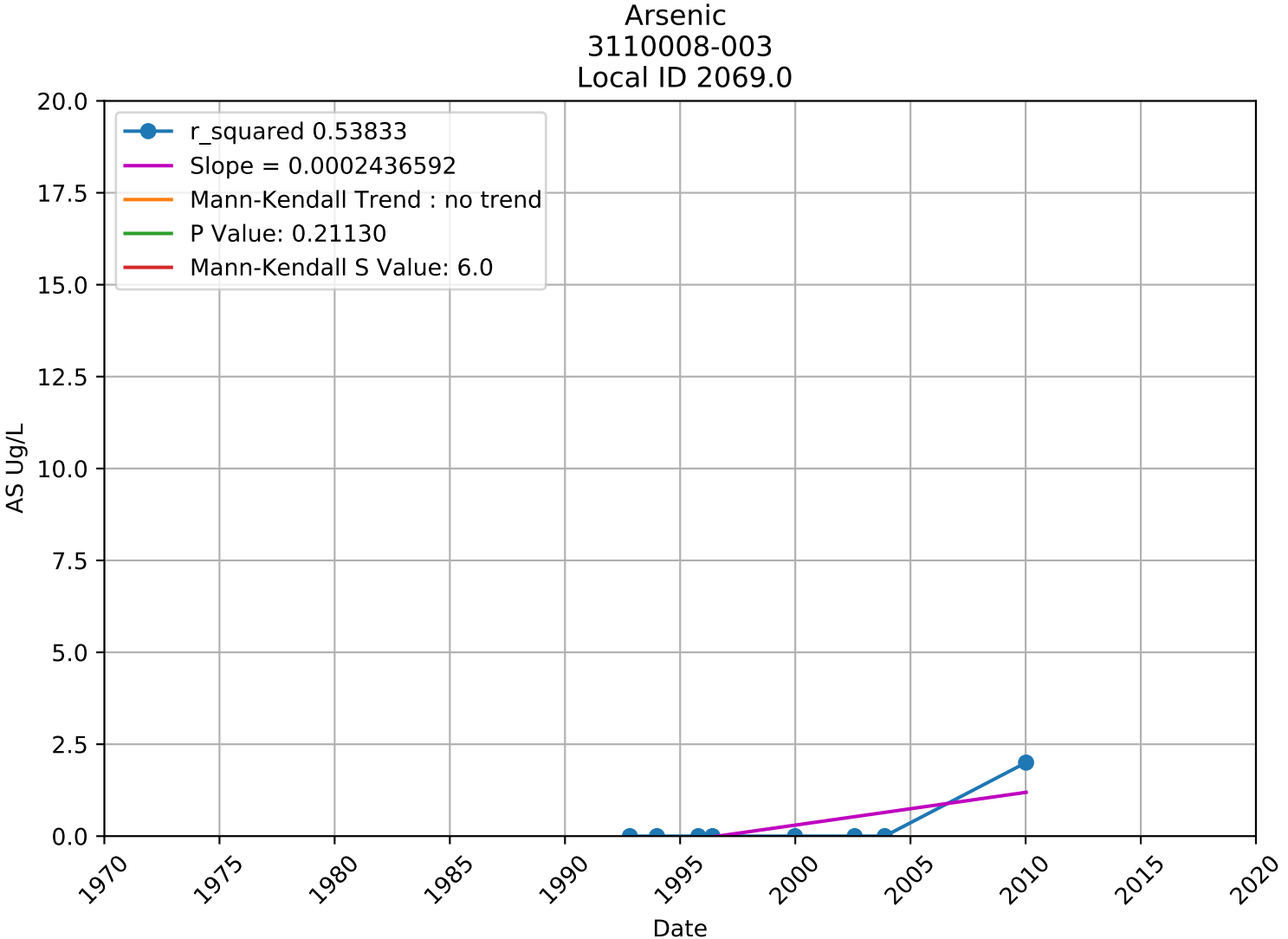

Arsenic
11N06E17E001M
Local ID 2082.0
r_squared 0.02099
Slope = 0.0004373349
Mann-Kendall Trend : increasing
P Value: 0.00275
Mann-Kendall S Value: 53.0
AS Ug/L
Date
20.0
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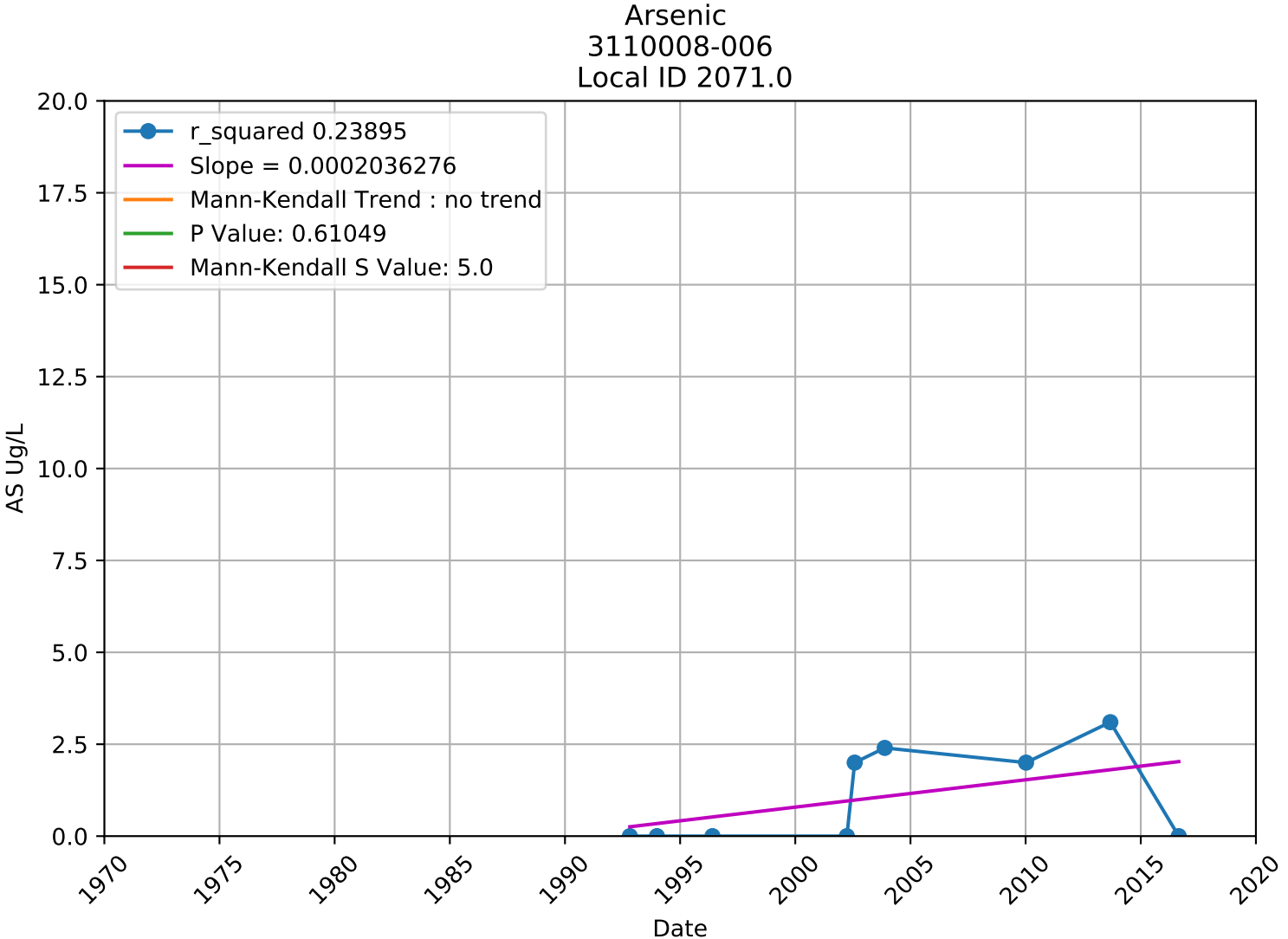

Arsenic
3100077-003
Local ID 2065.0
r_squared 0.57929
Slope = -0.0005954826
Mann-Kendall Trend : no trend
P Value: 0.80650
Mann-Kendall S Value: -2.0
AS Ug/L
Date
20.0
17.5
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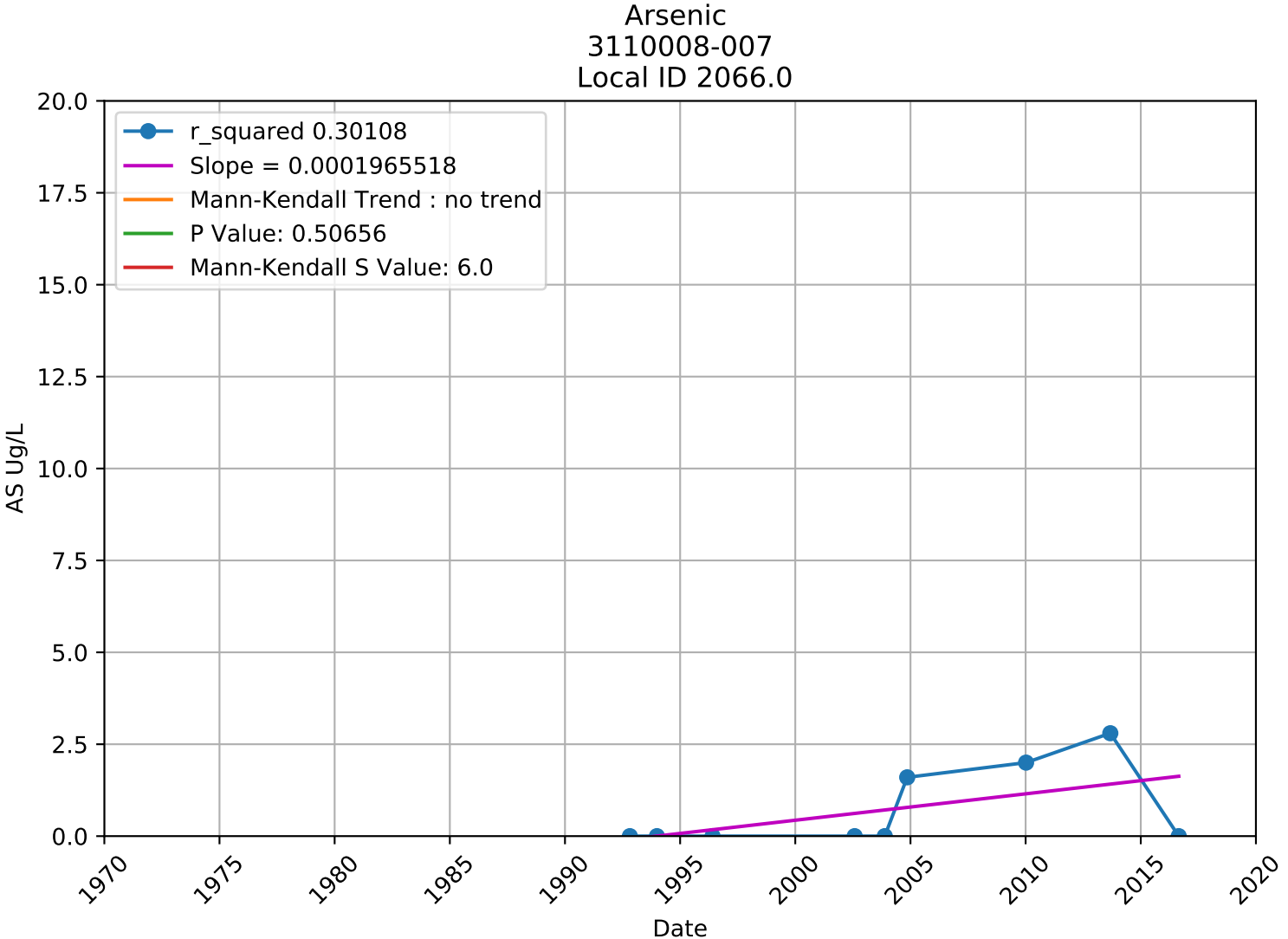

Arsenic
3100077-004
Local ID 2062.0
r_squared 0.17791
Slope = -0.0004760129
Mann-Kendall Trend : no trend
P Value: 0.73410
Mann-Kendall S Value: -2.0
AS Ug/L
Date
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17.5
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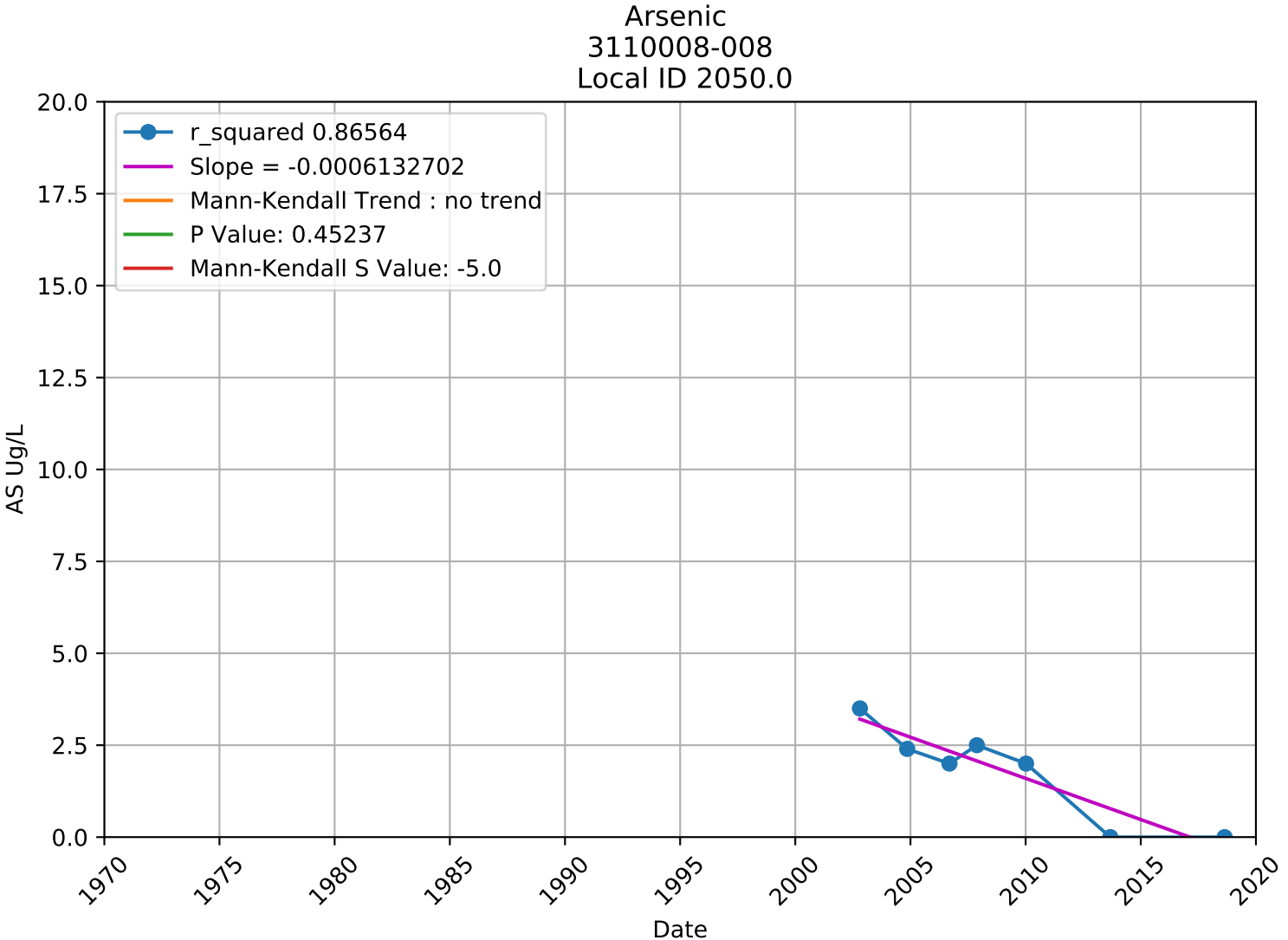

Arsenic
3100538-001
Local ID 2059.0
r_squared 0.76722
Slope = 0.0005549925
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
AS Ug/L
Date
20.0
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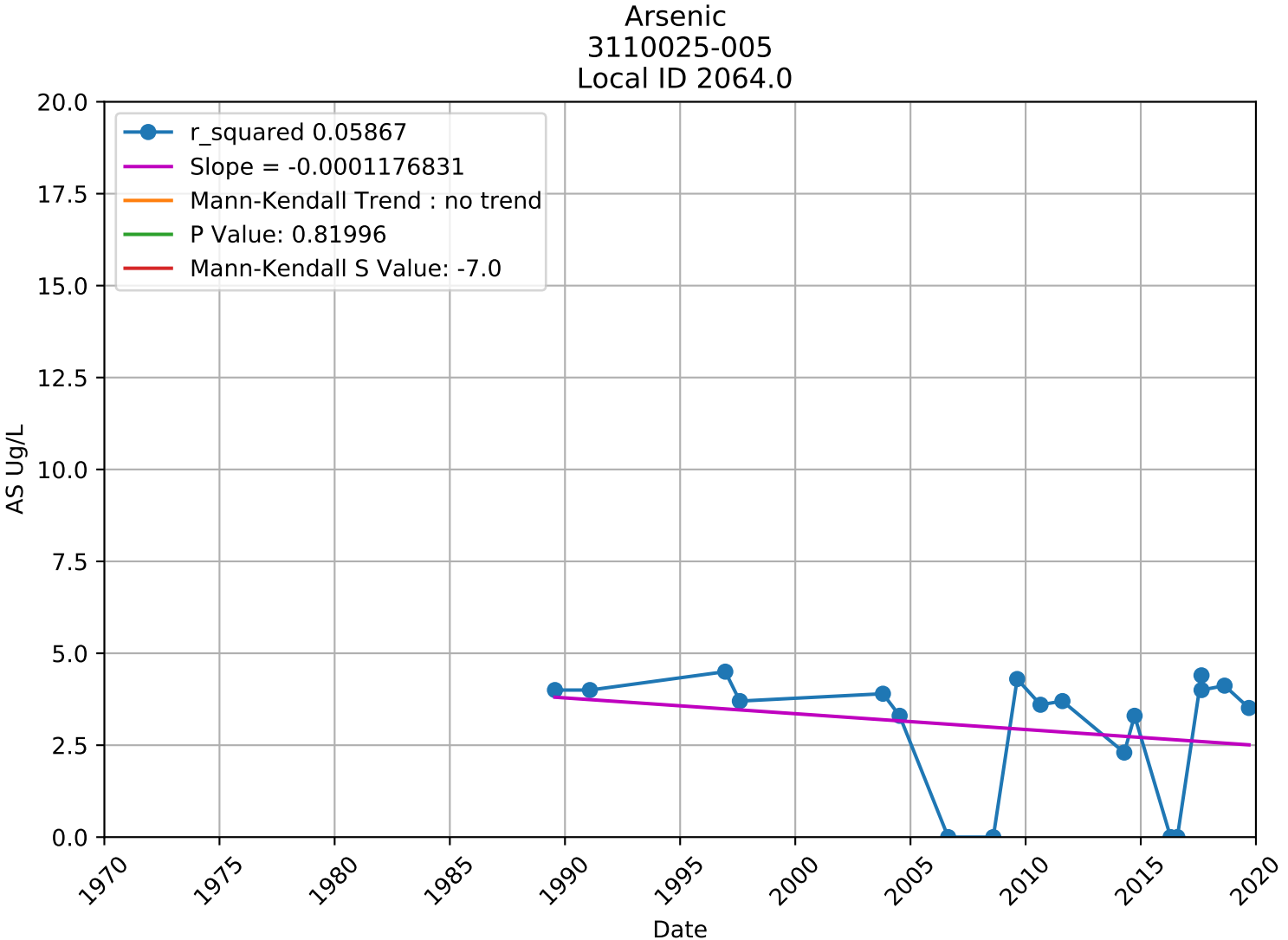

Arsenic
3104508-001
Local ID 2060.0
r_squared 0.01232
Slope = 0.0000812169
Mann-Kendall Trend : no trend
P Value: 0.47010
Mann-Kendall S Value: 3.0
AS Ug/L
Date
20.0
17.5
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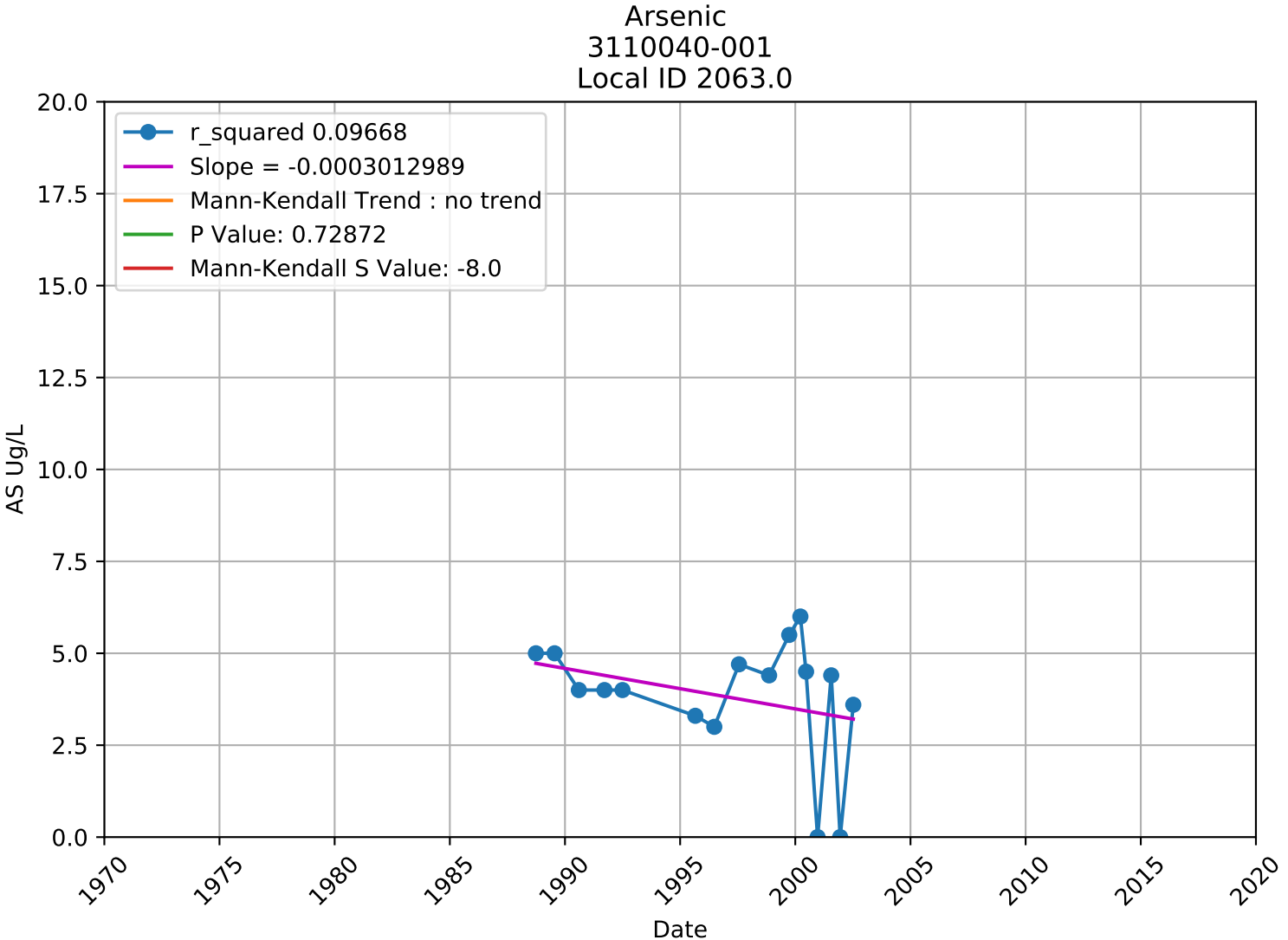

Arsenic
3110008-003
Local ID 2069.0
r_squared 0.53833
Slope = 0.0002436592
Mann-Kendall Trend : no trend
P Value: 0.21130
Mann-Kendall S Value: 6.0
AS Ug/L
Date
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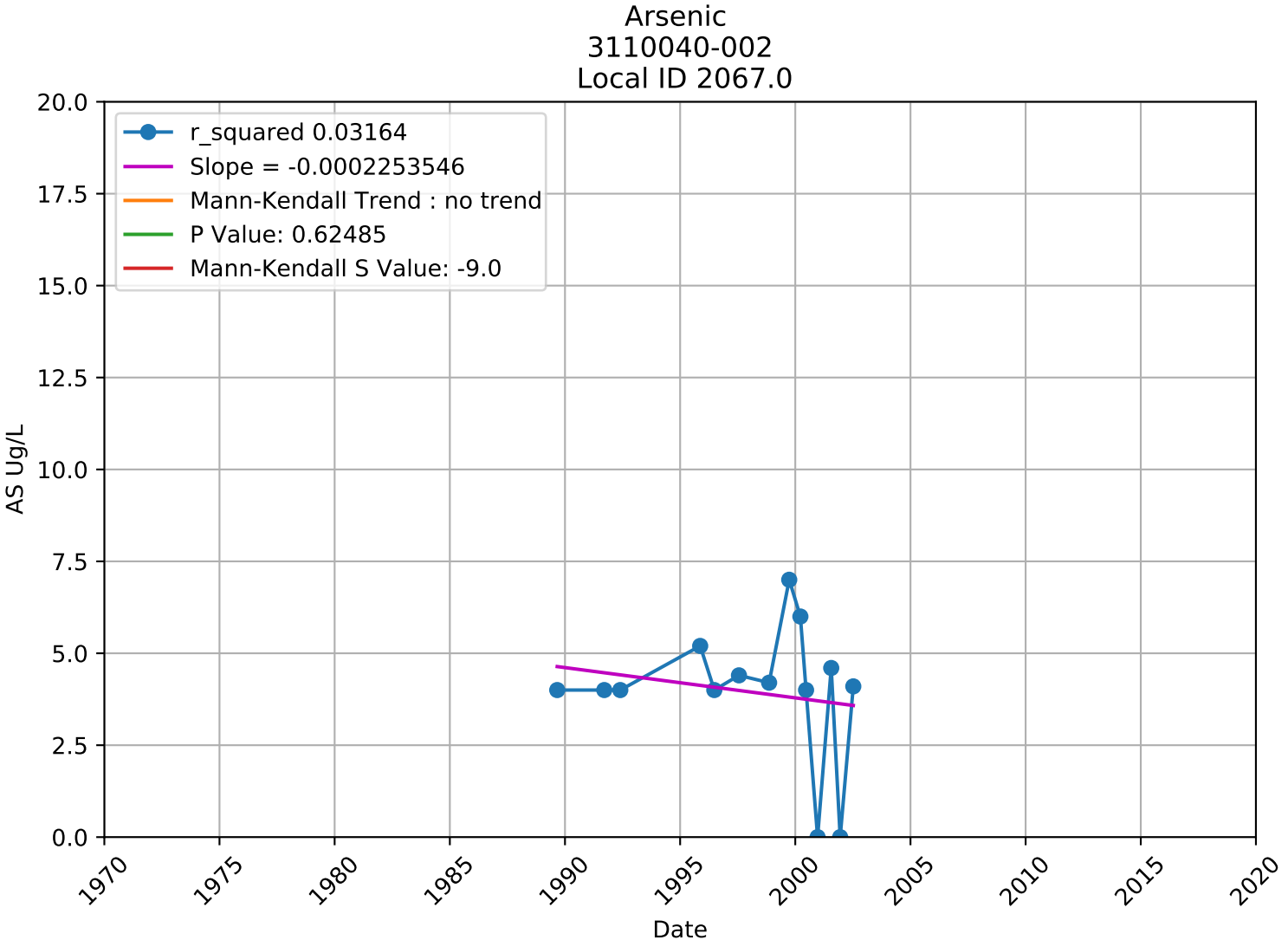

Arsenic
3110008-006
Local ID 2071.0
r_squared 0.23895
Slope = 0.0002036276
Mann-Kendall Trend : no trend
P Value: 0.61049
Mann-Kendall S Value: 5.0
AS Ug/L
Date
20.0
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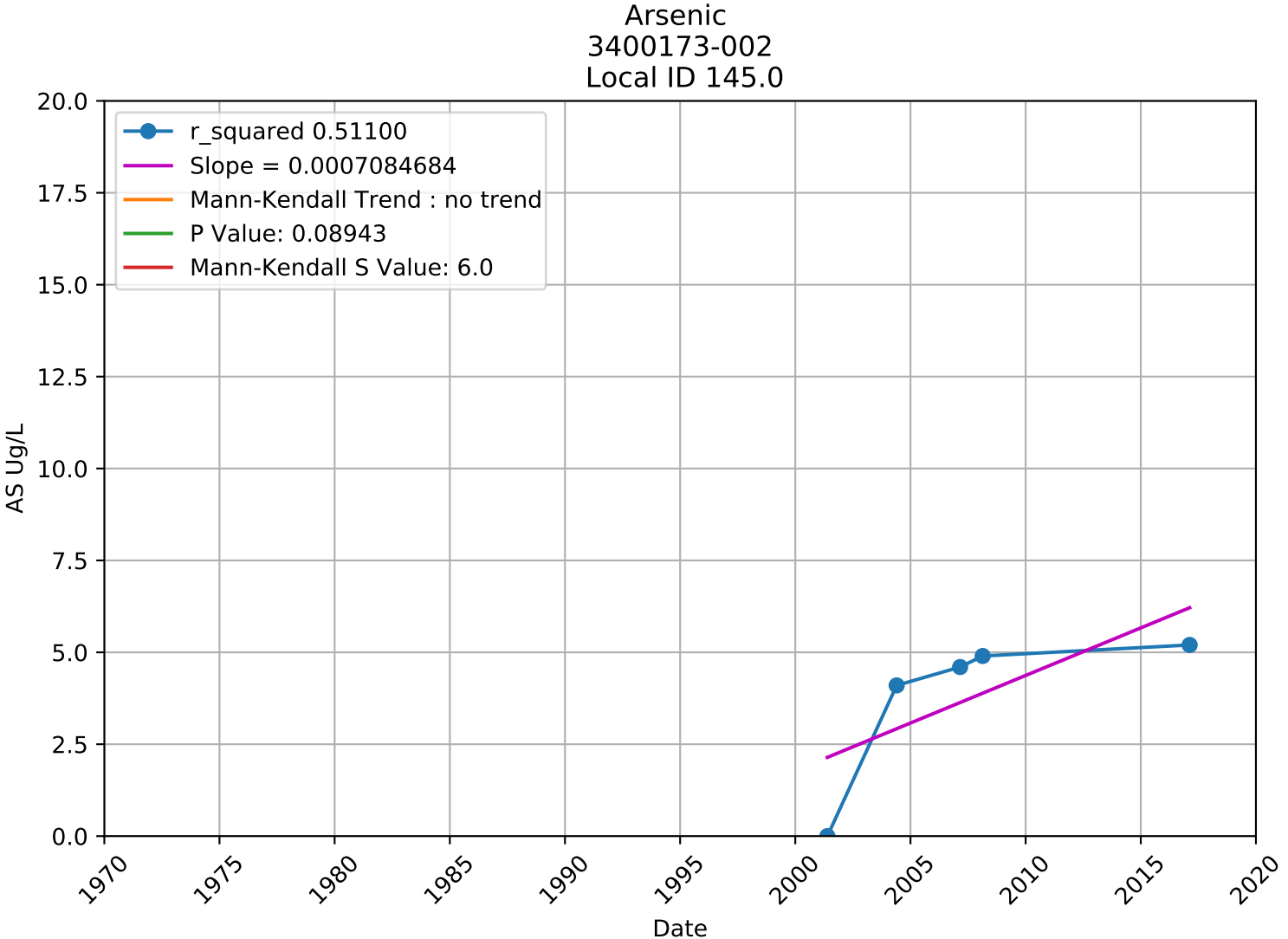

Arsenic
3110008-007
Local ID 2066.0
r_squared 0.30108
Slope = 0.0001965518
Mann-Kendall Trend : no trend
P Value: 0.50656
Mann-Kendall S Value: 6.0
AS Ug/L
Date
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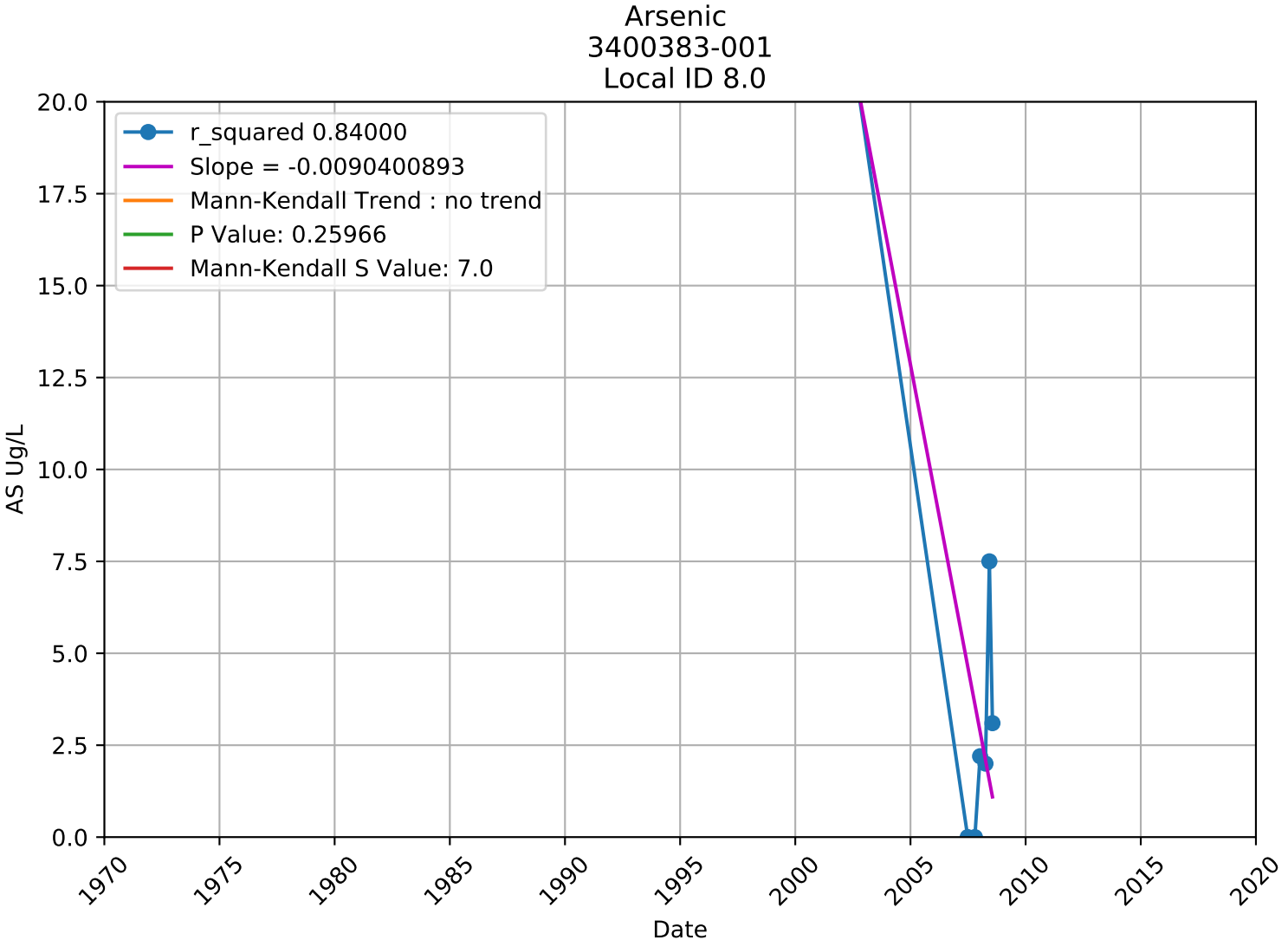

Arsenic
3110008-008
Local ID 2050.0
r_squared 0.86564
Slope = -0.0006132702
Mann-Kendall Trend : no trend
P Value: 0.45237
Mann-Kendall S Value: -5.0
AS Ug/L
Date
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17.5
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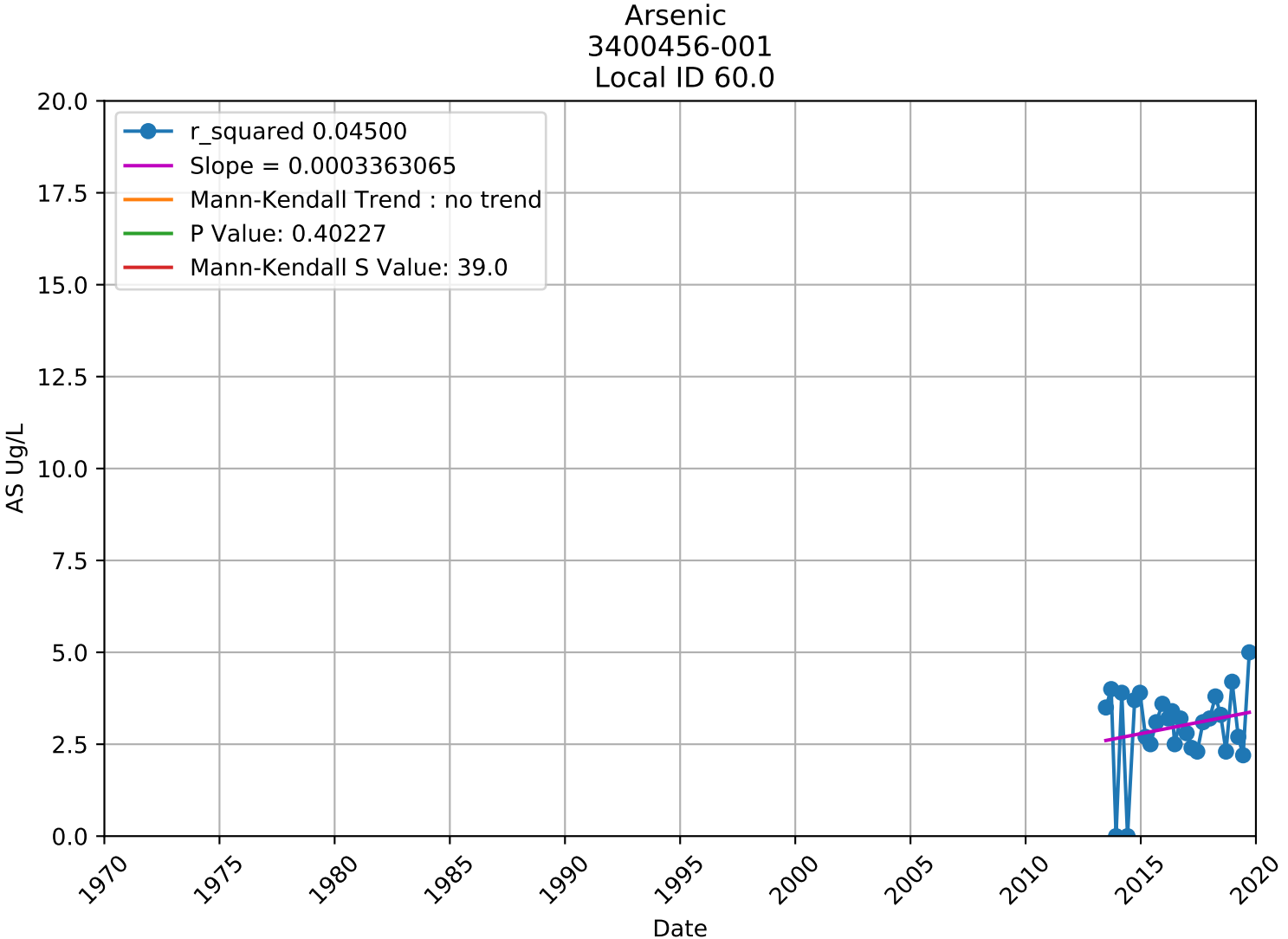

Arsenic
3110025-005
Local ID 2064.0
r_squared 0.05867
Slope = -0.0001176831
Mann-Kendall Trend : no trend
P Value: 0.81996
Mann-Kendall S Value: -7.0
AS Ug/L
Date
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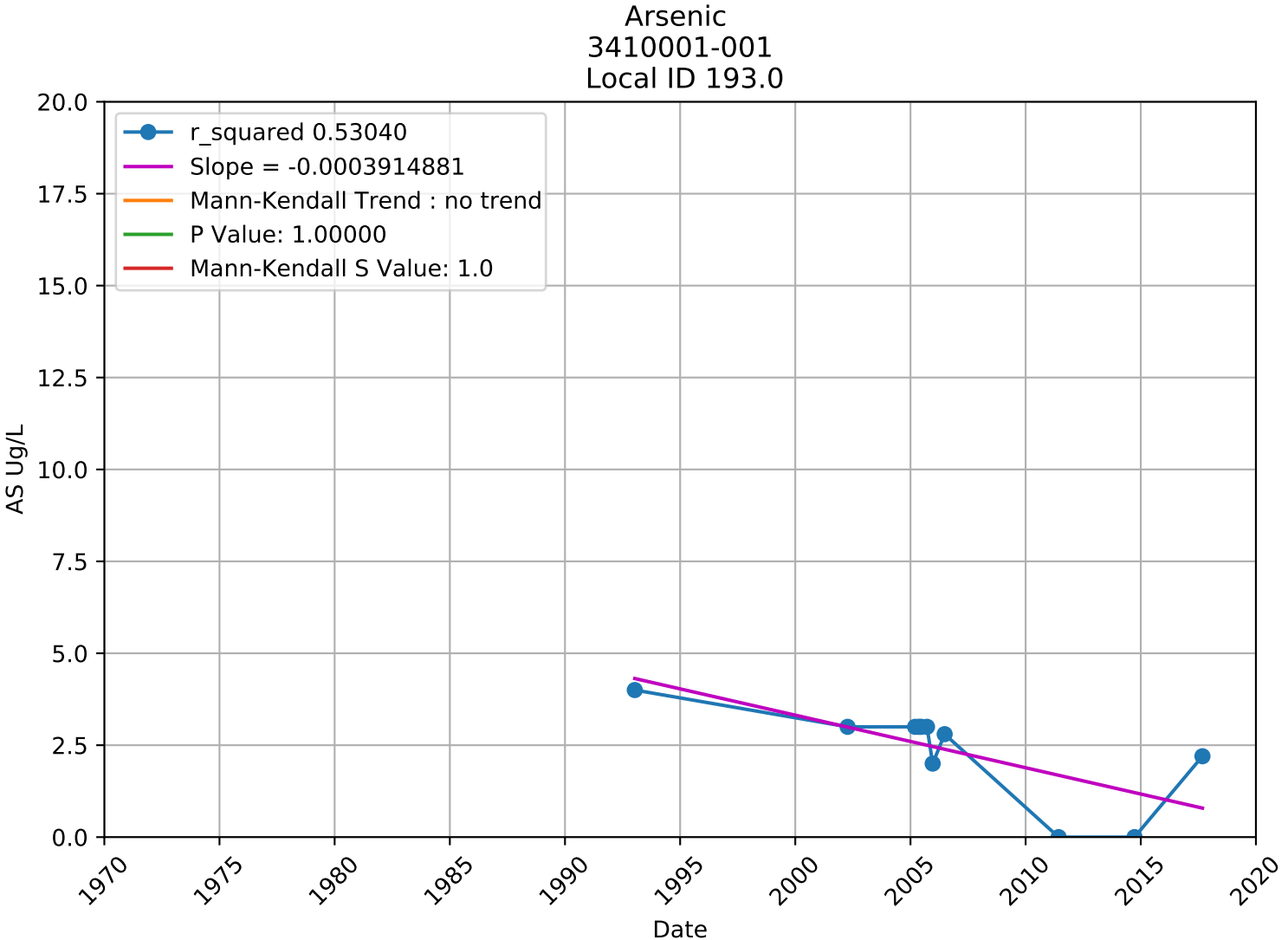

Arsenic
3110040-001
Local ID 2063.0
r_squared 0.09668
Slope = -0.0003012989
Mann-Kendall Trend : no trend
P Value: 0.72872
Mann-Kendall S Value: -8.0
AS Ug/L
Date
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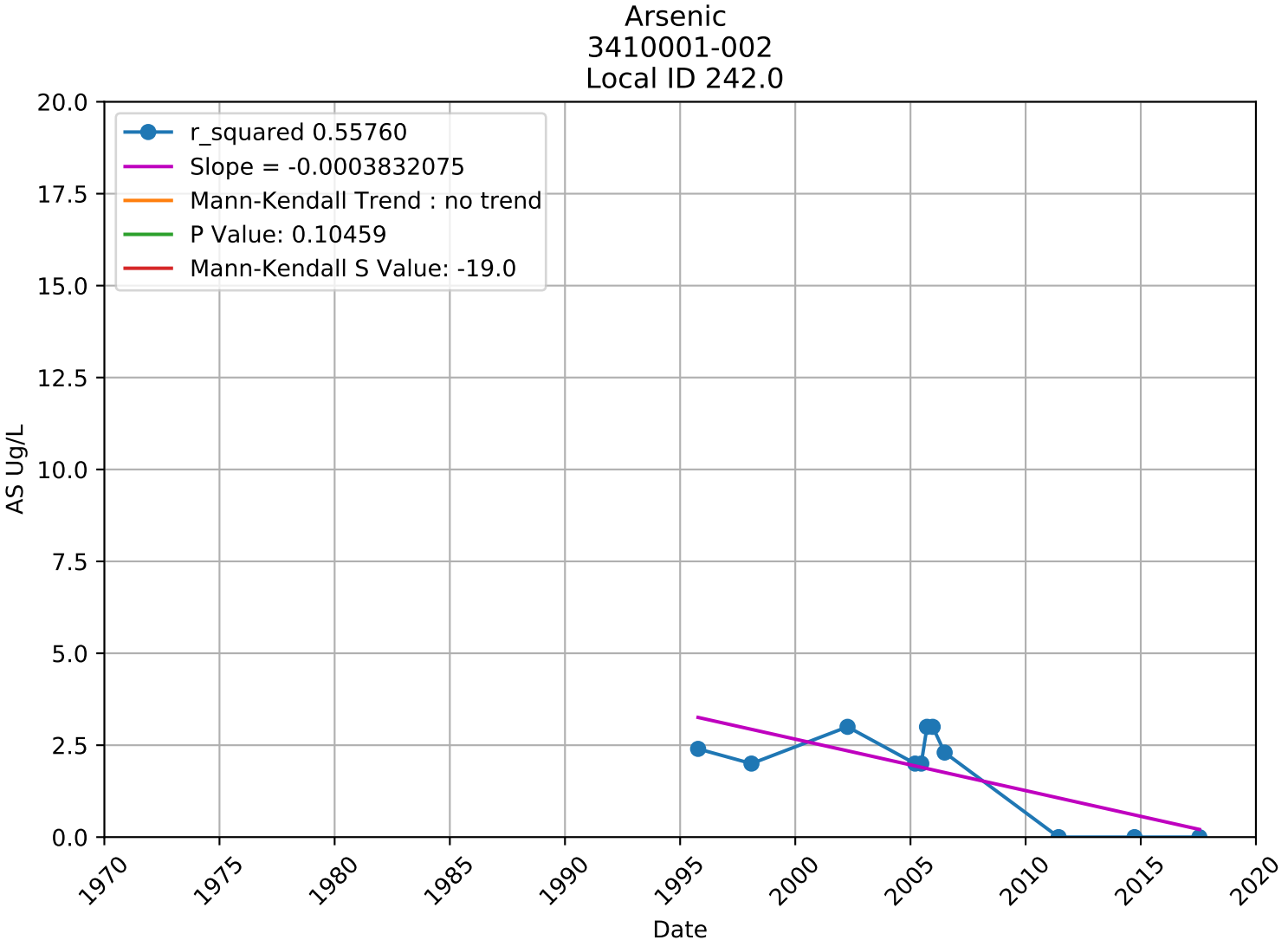

Arsenic
3110040-002
Local ID 2067.0
r_squared 0.03164
Slope = -0.0002253546
Mann-Kendall Trend : no trend
P Value: 0.62485
Mann-Kendall S Value: -9.0
AS Ug/L
Date
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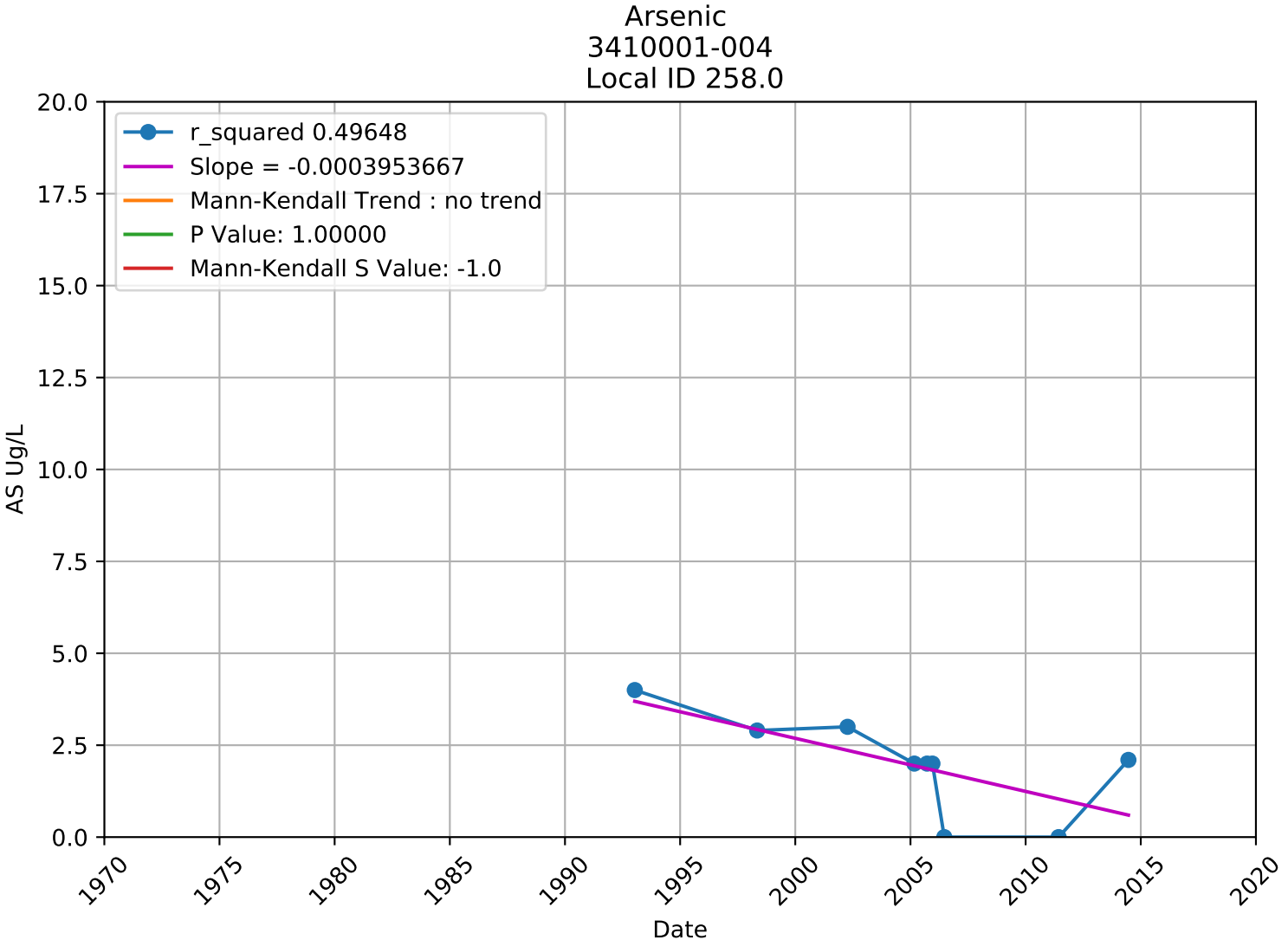

Arsenic
3400173-002
Local ID 145.0
r_squared 0.51100
Slope = 0.0007084684
Mann-Kendall Trend : no trend
P Value: 0.08943
Mann-Kendall S Value: 6.0
AS Ug/L
Date
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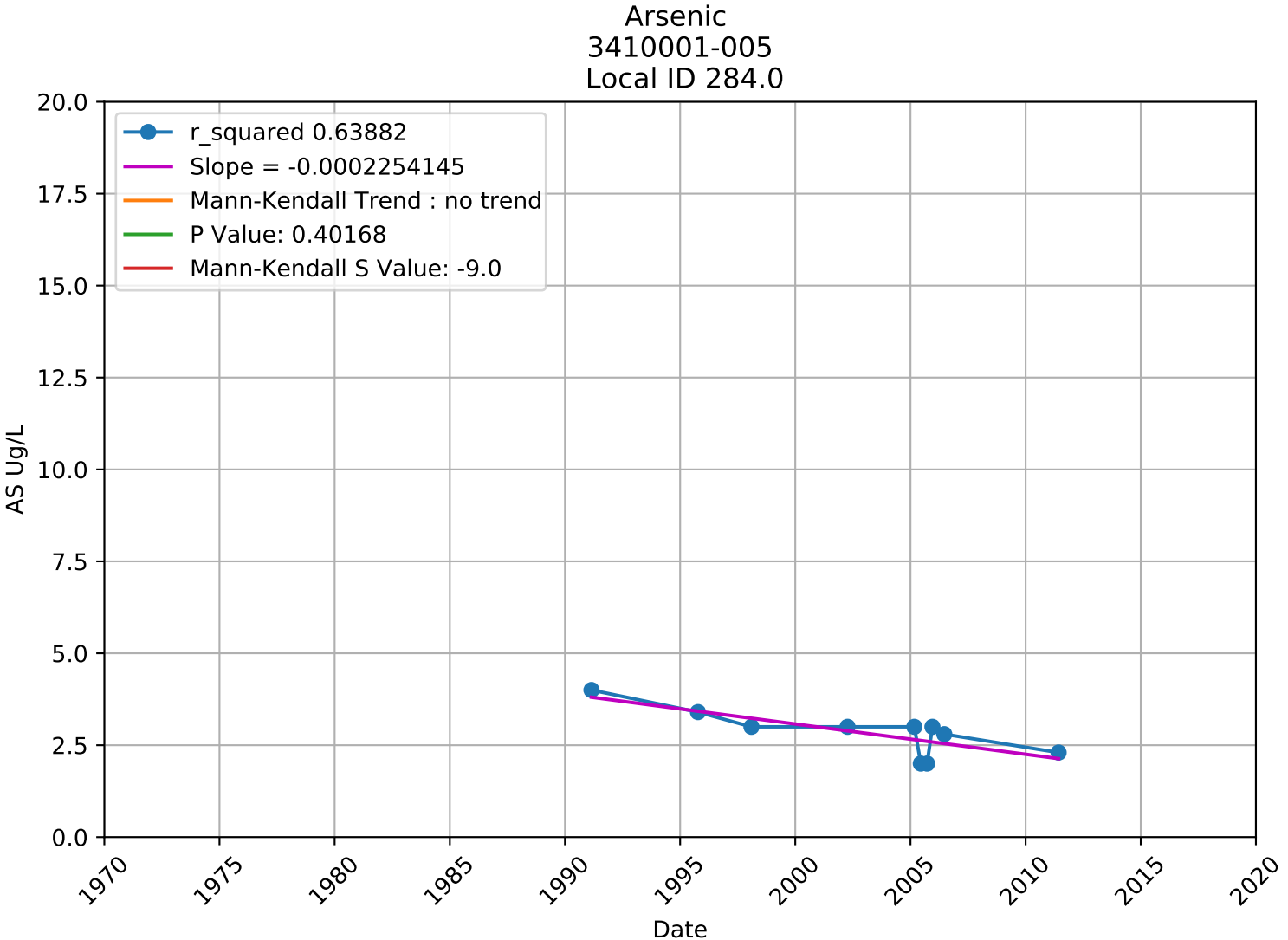

Arsenic
3400383-001
Local ID 8.0
r_squared 0.84000
Slope = -0.0090400893
Mann-Kendall Trend : no trend
P Value: 0.25966
Mann-Kendall S Value: 7.0
AS Ug/L
Date
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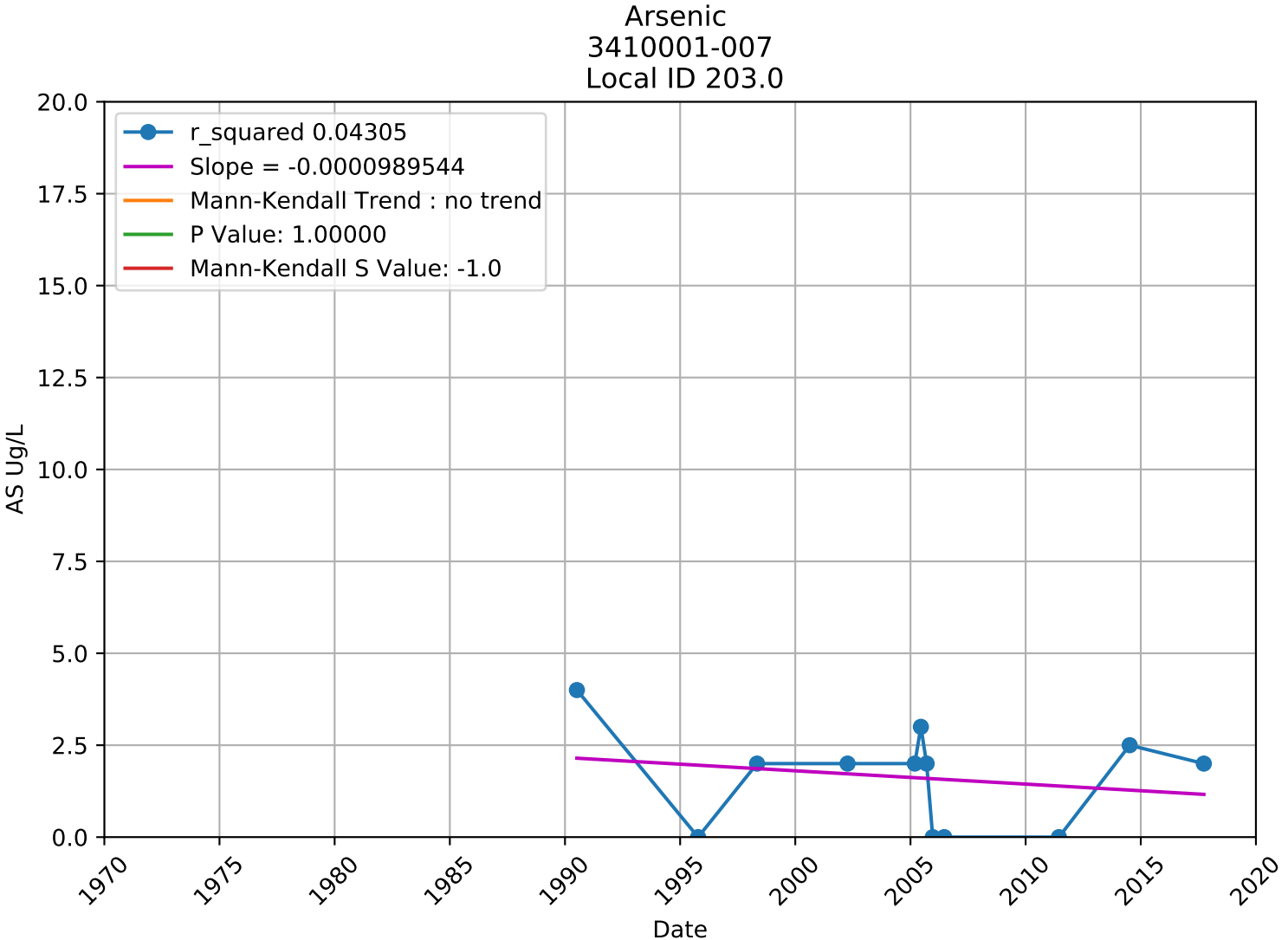

Arsenic
3400456-001
Local ID 60.0
r_squared 0.04500
Slope = 0.0003363065
Mann-Kendall Trend : no trend
P Value: 0.40227
Mann-Kendall S Value: 39.0
AS Ug/L
Date
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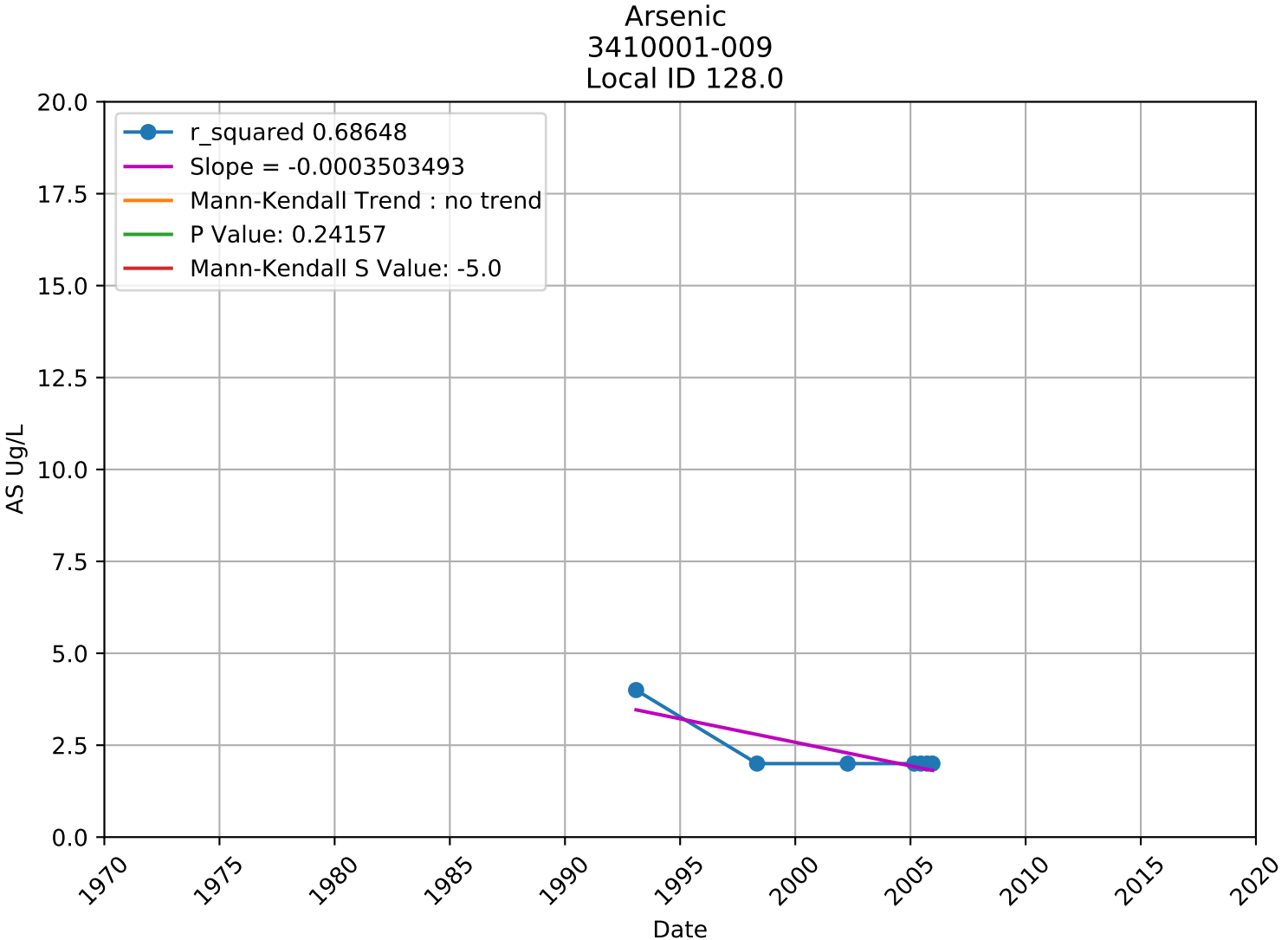

Arsenic
3410001-001
Local ID 193.0
r_squared 0.53040
Slope = -0.0003914881
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
AS Ug/L
Date
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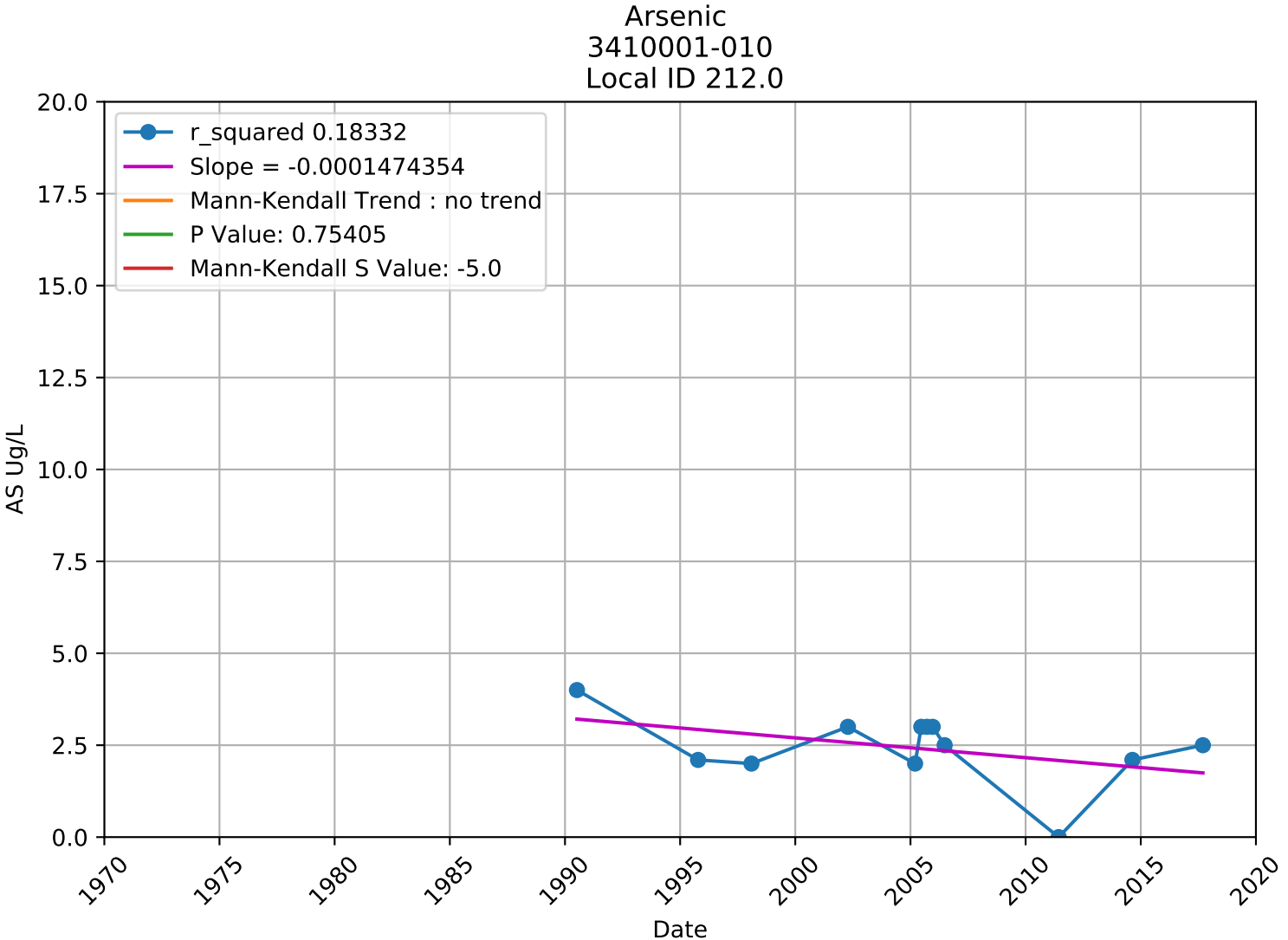

Arsenic
3410001-002
Local ID 242.0
r_squared 0.55760
Slope = -0.0003832075
Mann-Kendall Trend : no trend
P Value: 0.10459
Mann-Kendall S Value: -19.0
AS Ug/L
Date
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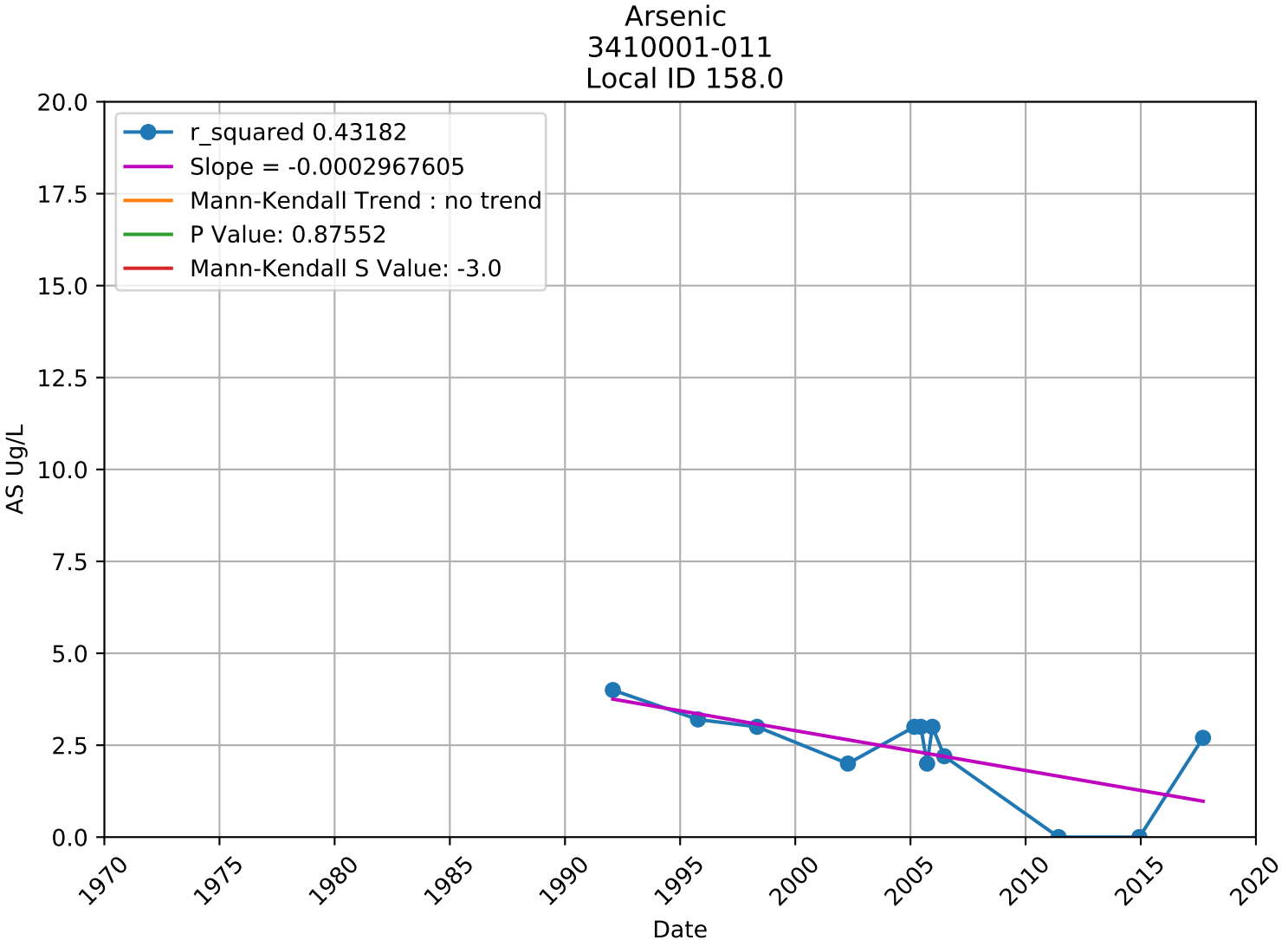

Arsenic
3410001-004
Local ID 258.0
r_squared 0.49648
Slope = -0.0003953667
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
AS Ug/L
Date
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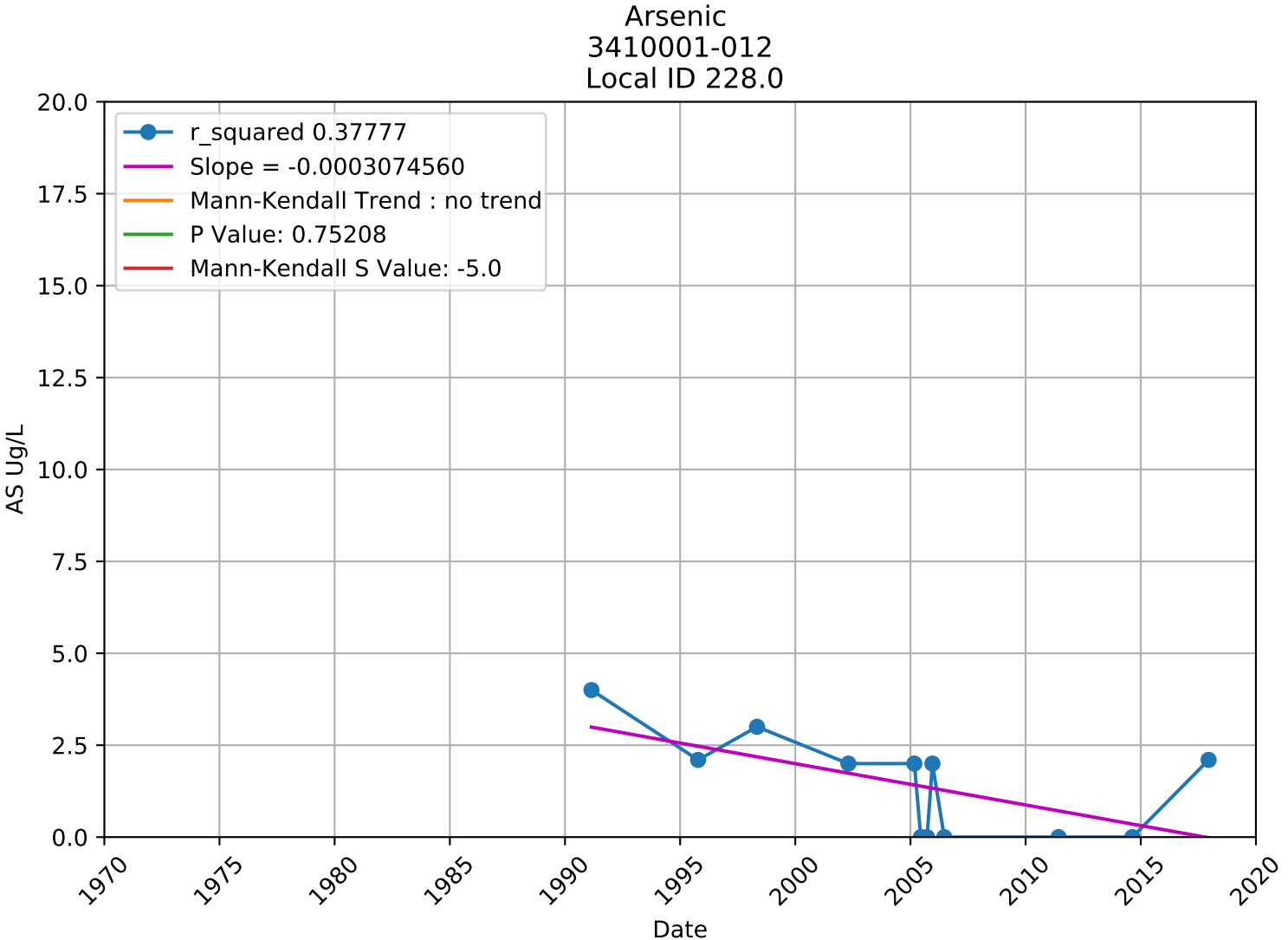

Arsenic
3410001-005
Local ID 284.0
r_squared 0.63882
Slope = -0.0002254145
Mann-Kendall Trend : no trend
P Value: 0.40168
Mann-Kendall S Value: -9.0
AS Ug/L
Date
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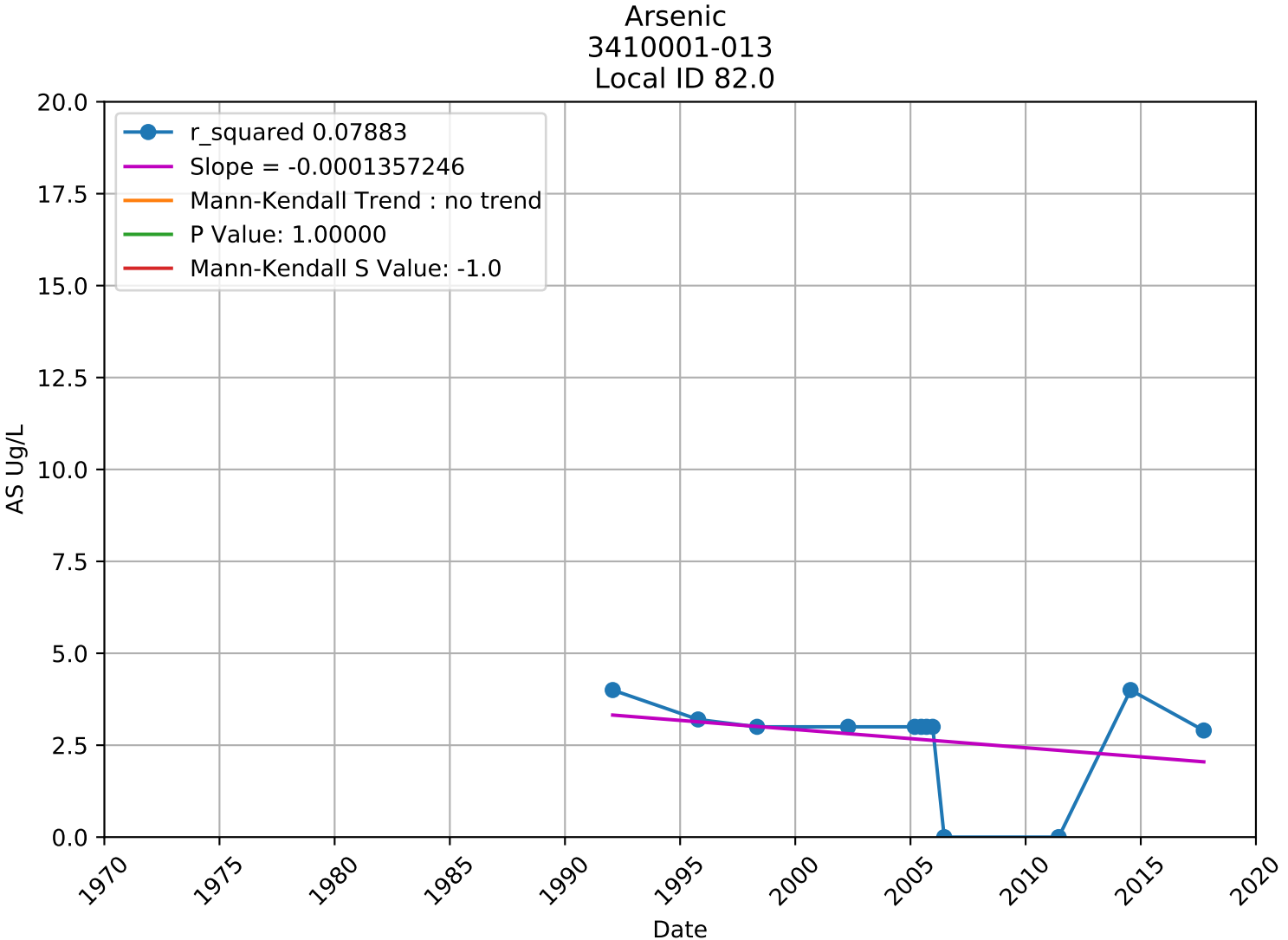

Arsenic
3410001-007
Local ID 203.0
r_squared 0.04305
Slope = -0.0000989544
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
AS Ug/L
Date
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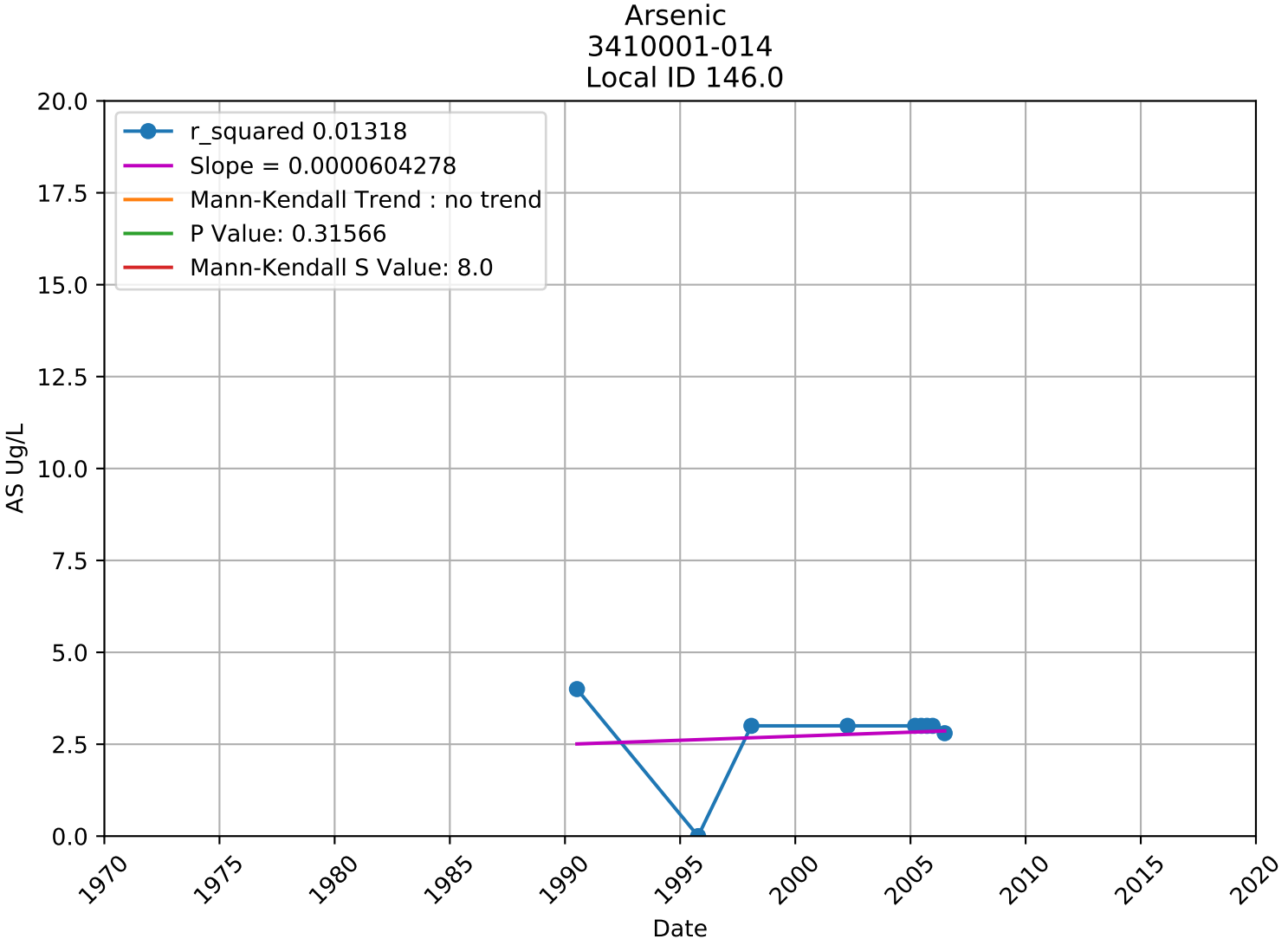

Arsenic
3410001-009
Local ID 128.0
r_squared 0.68648
Slope = -0.0003503493
Mann-Kendall Trend : no trend
P Value: 0.24157
Mann-Kendall S Value: -5.0
AS Ug/L
Date
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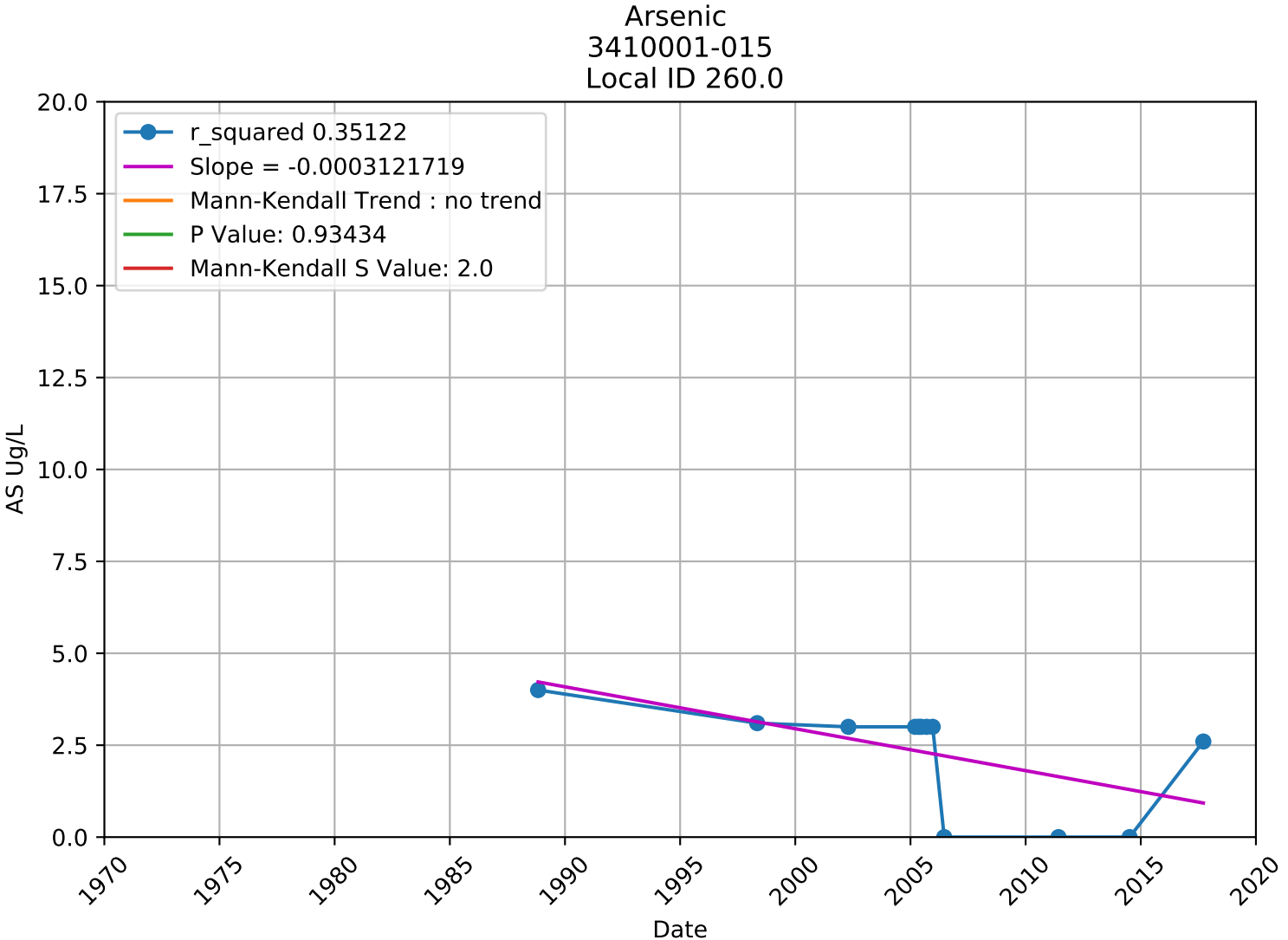

Arsenic
3410001-010
Local ID 212.0
r_squared 0.18332
Slope = -0.0001474354
Mann-Kendall Trend : no trend
P Value: 0.75405
Mann-Kendall S Value: -5.0
AS Ug/L
Date
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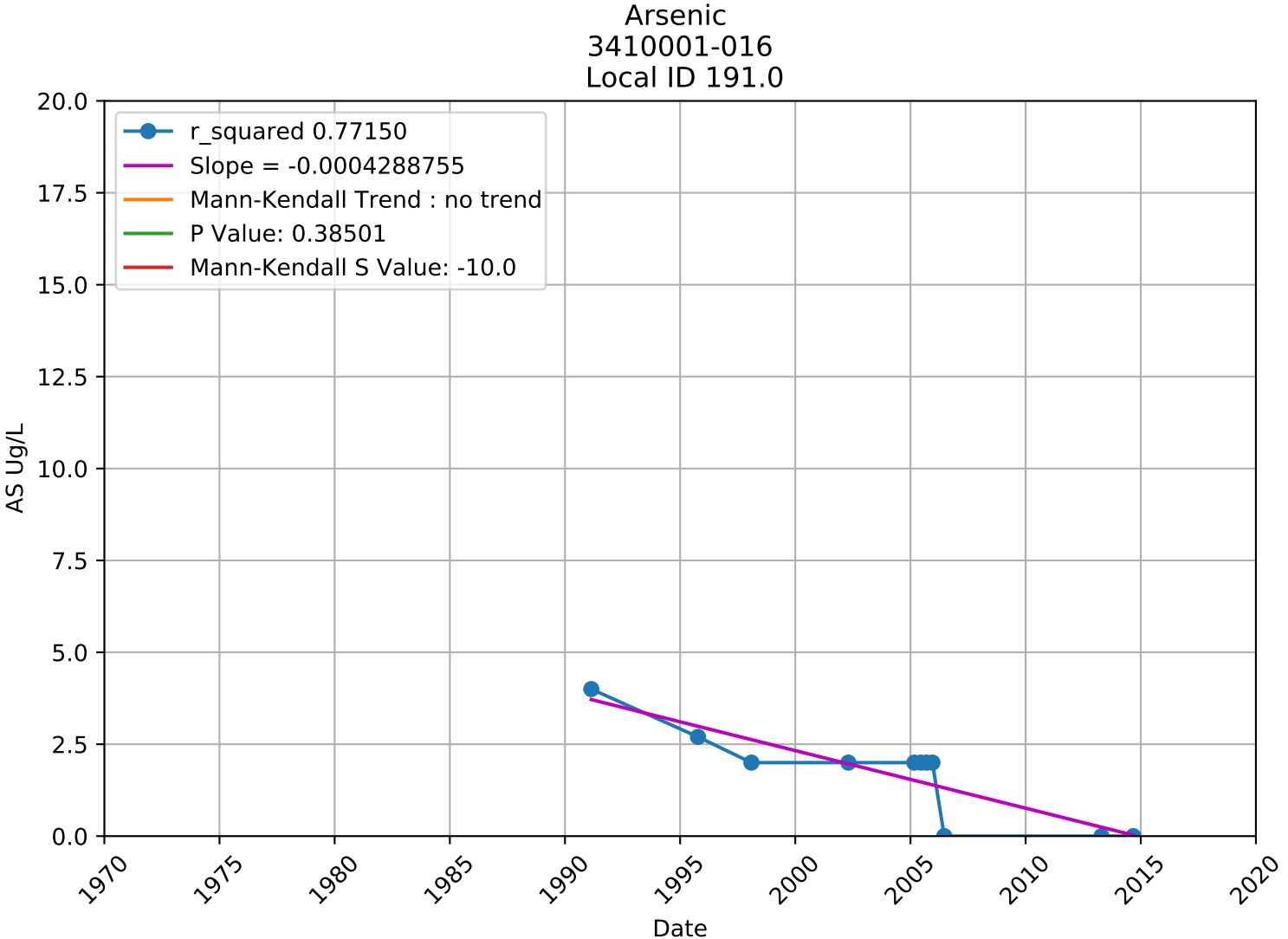

Arsenic
3410001-011
Local ID 158.0
r_squared 0.43182
Slope = -0.0002967605
Mann-Kendall Trend : no trend
P Value: 0.87552
Mann-Kendall S Value: -3.0
AS Ug/L
Date
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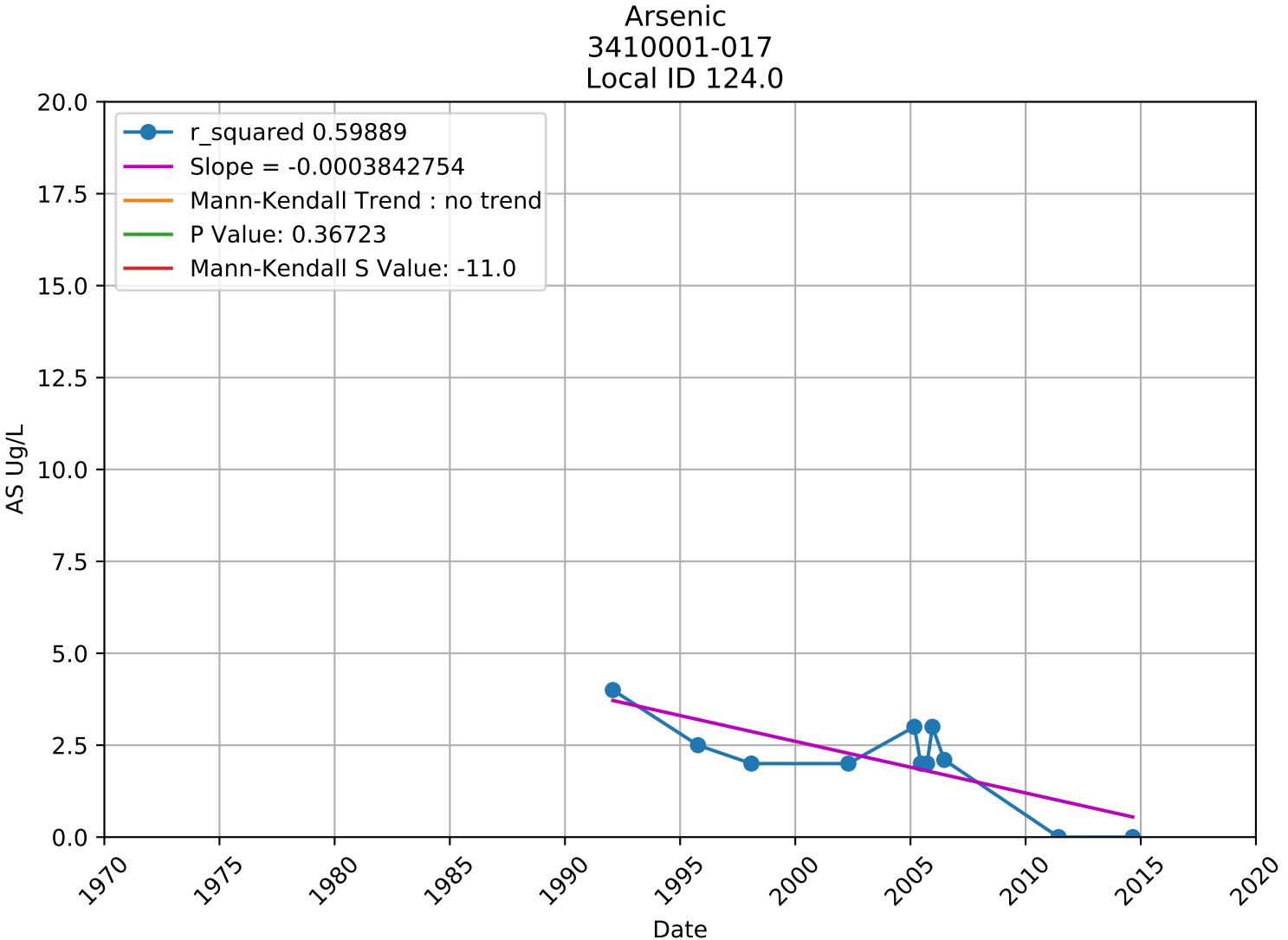

Arsenic
3410001-012
Local ID 228.0
r_squared 0.37777
Slope = -0.0003074560
Mann-Kendall Trend : no trend
P Value: 0.75208
Mann-Kendall S Value: -5.0
AS Ug/L
Date
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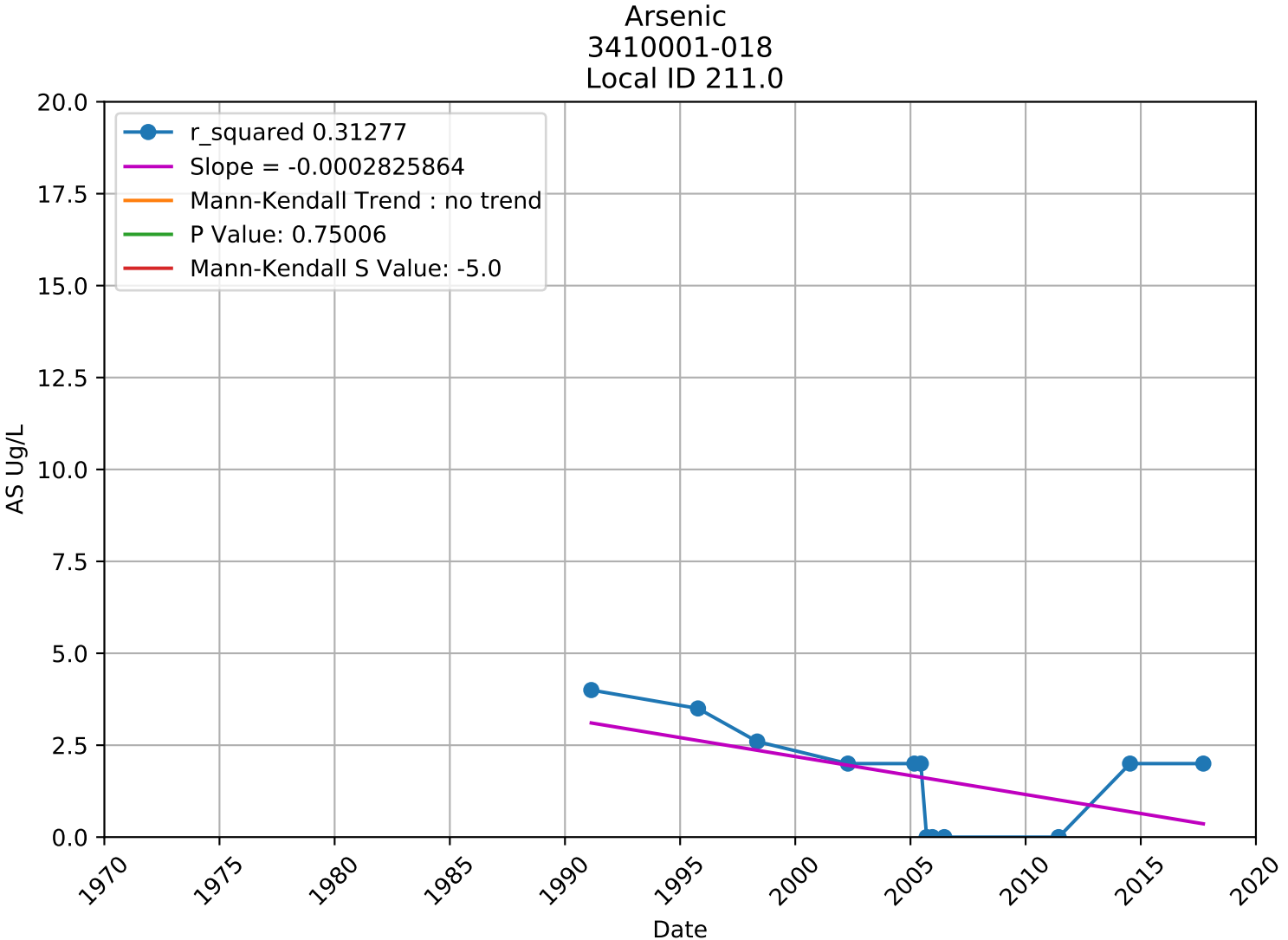

Arsenic
3410001-013
Local ID 82.0
r_squared 0.07883
Slope = -0.0001357246
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
AS Ug/L
Date
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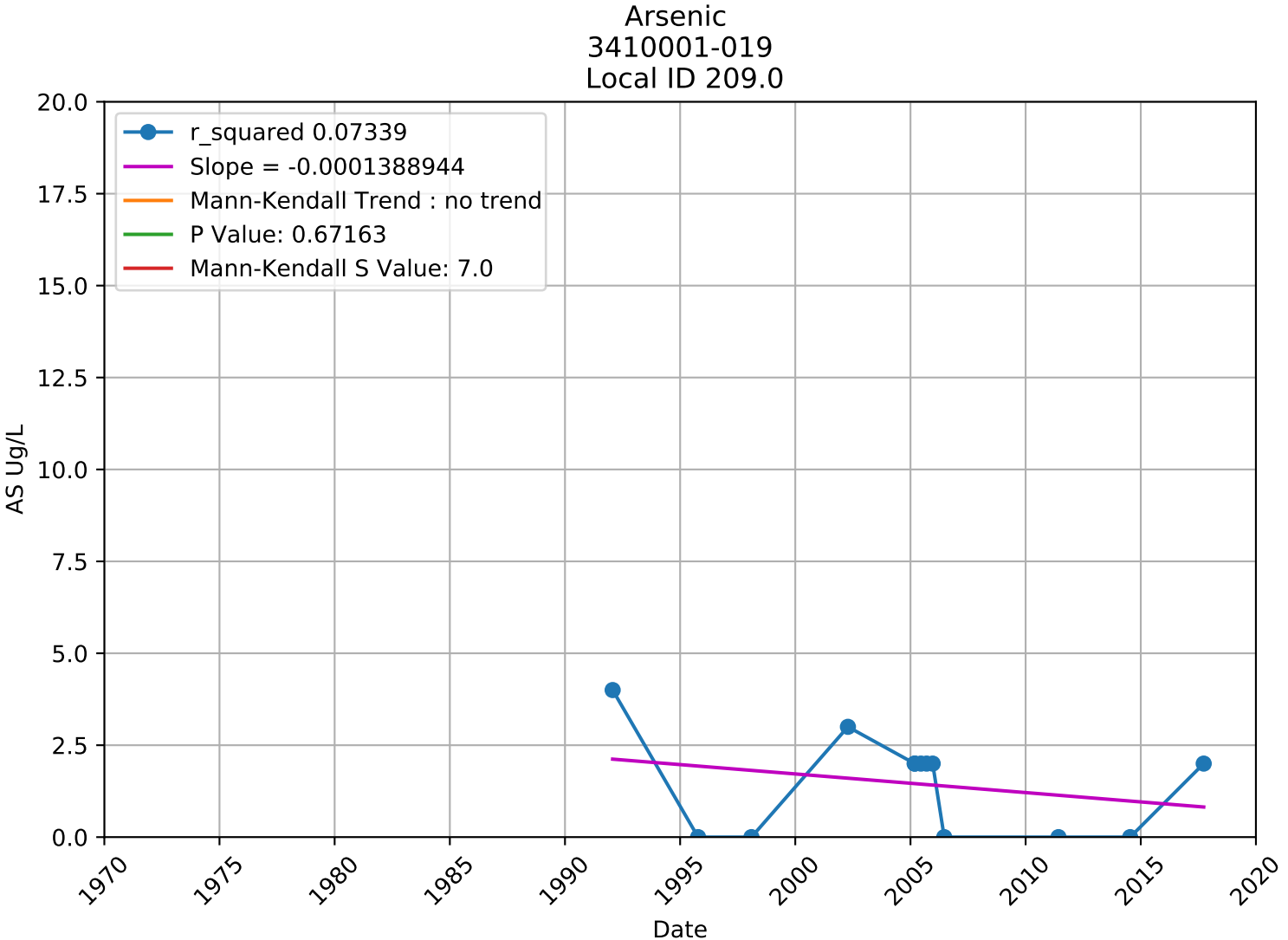

Arsenic
3410001-014
Local ID 146.0
r_squared 0.01318
Slope = 0.0000604278
Mann-Kendall Trend : no trend
P Value: 0.31566
Mann-Kendall S Value: 8.0
AS Ug/L
Date
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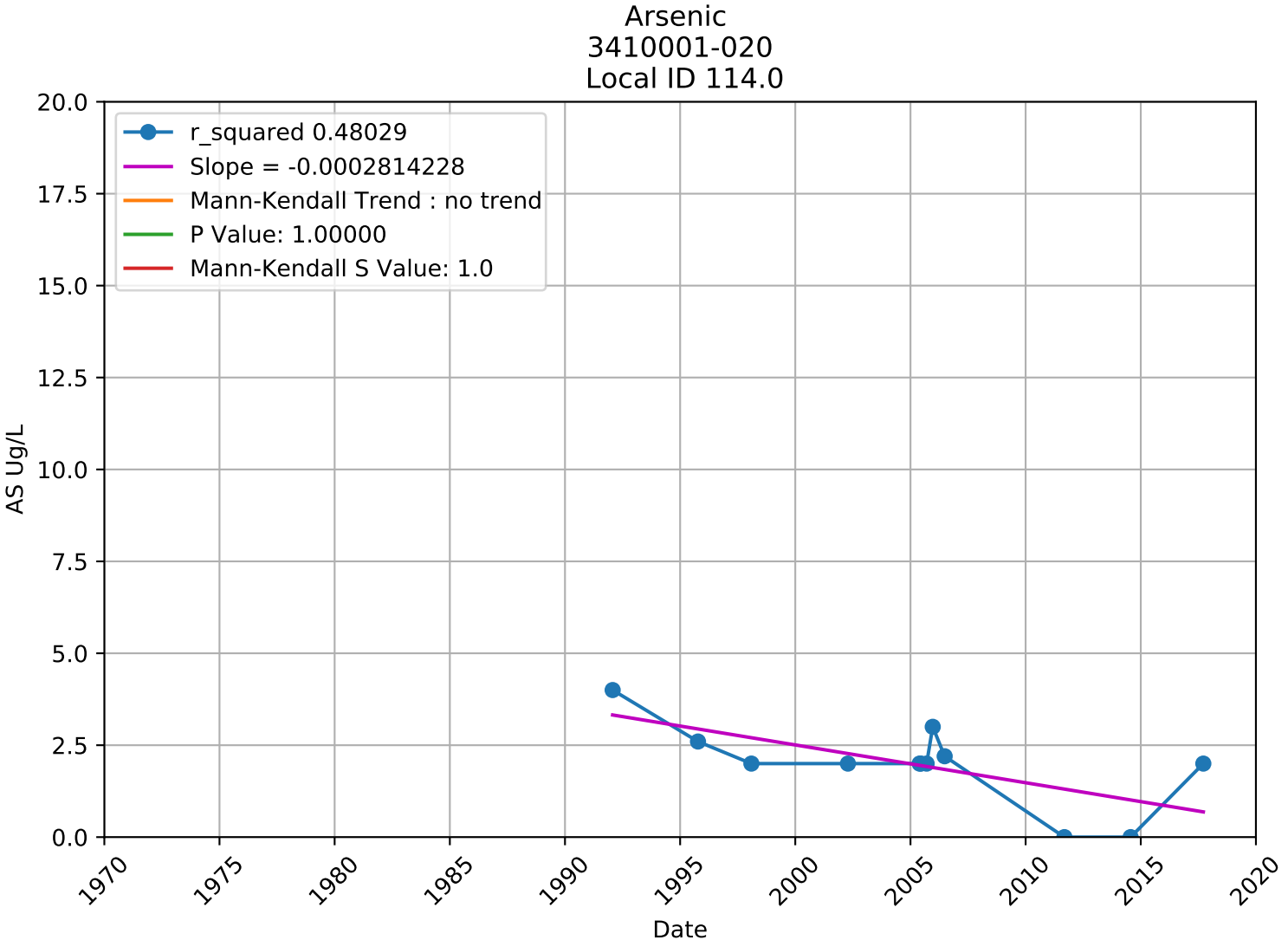

Arsenic
3410001-015
Local ID 260.0
r_squared 0.35122
Slope = -0.0003121719
Mann-Kendall Trend : no trend
P Value: 0.93434
Mann-Kendall S Value: 2.0
AS Ug/L
Date
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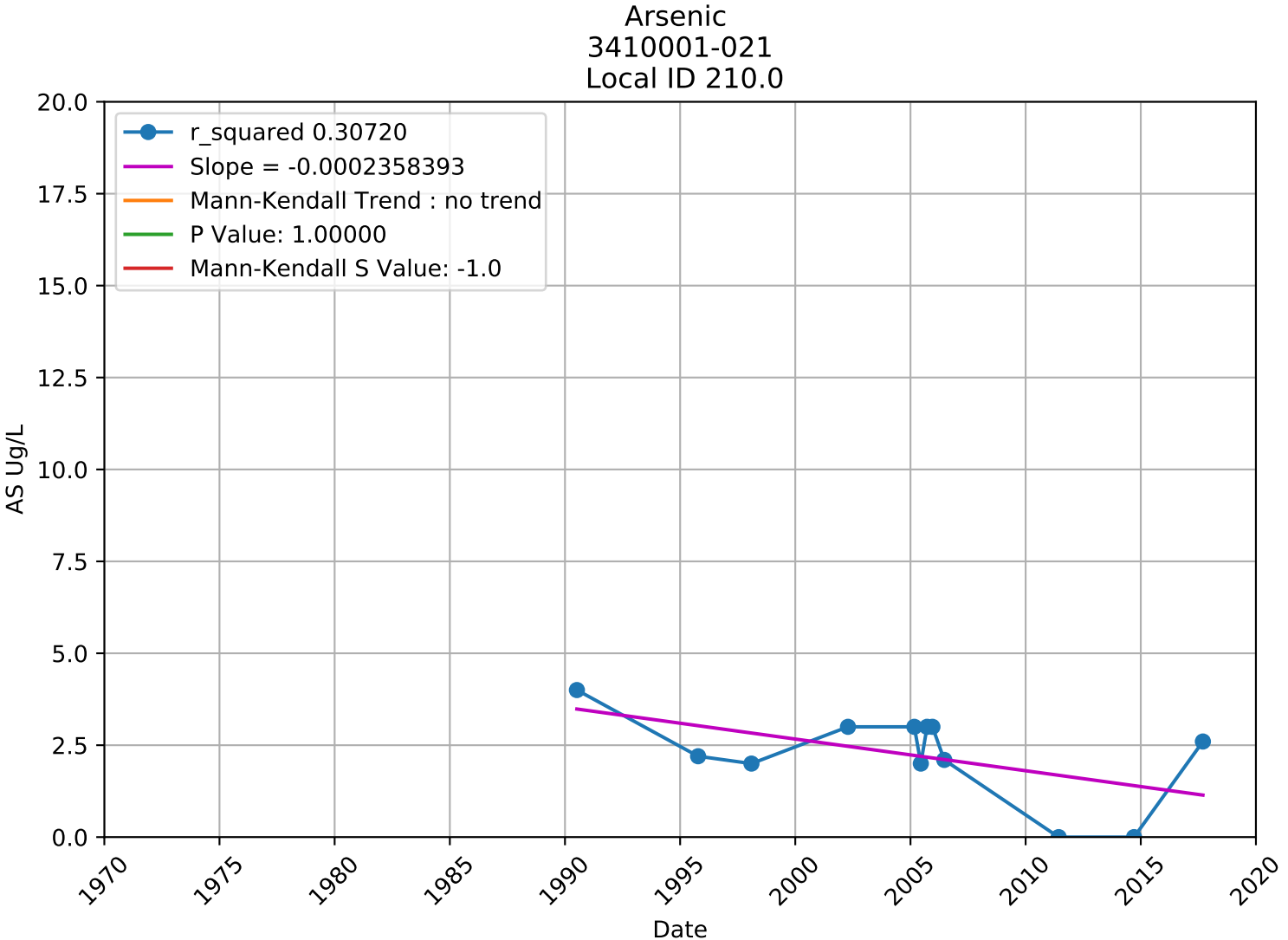

Arsenic
3410001-016
Local ID 191.0
r_squared 0.77150
Slope = -0.0004288755
Mann-Kendall Trend : no trend
P Value: 0.38501
Mann-Kendall S Value: -10.0
AS Ug/L
Date
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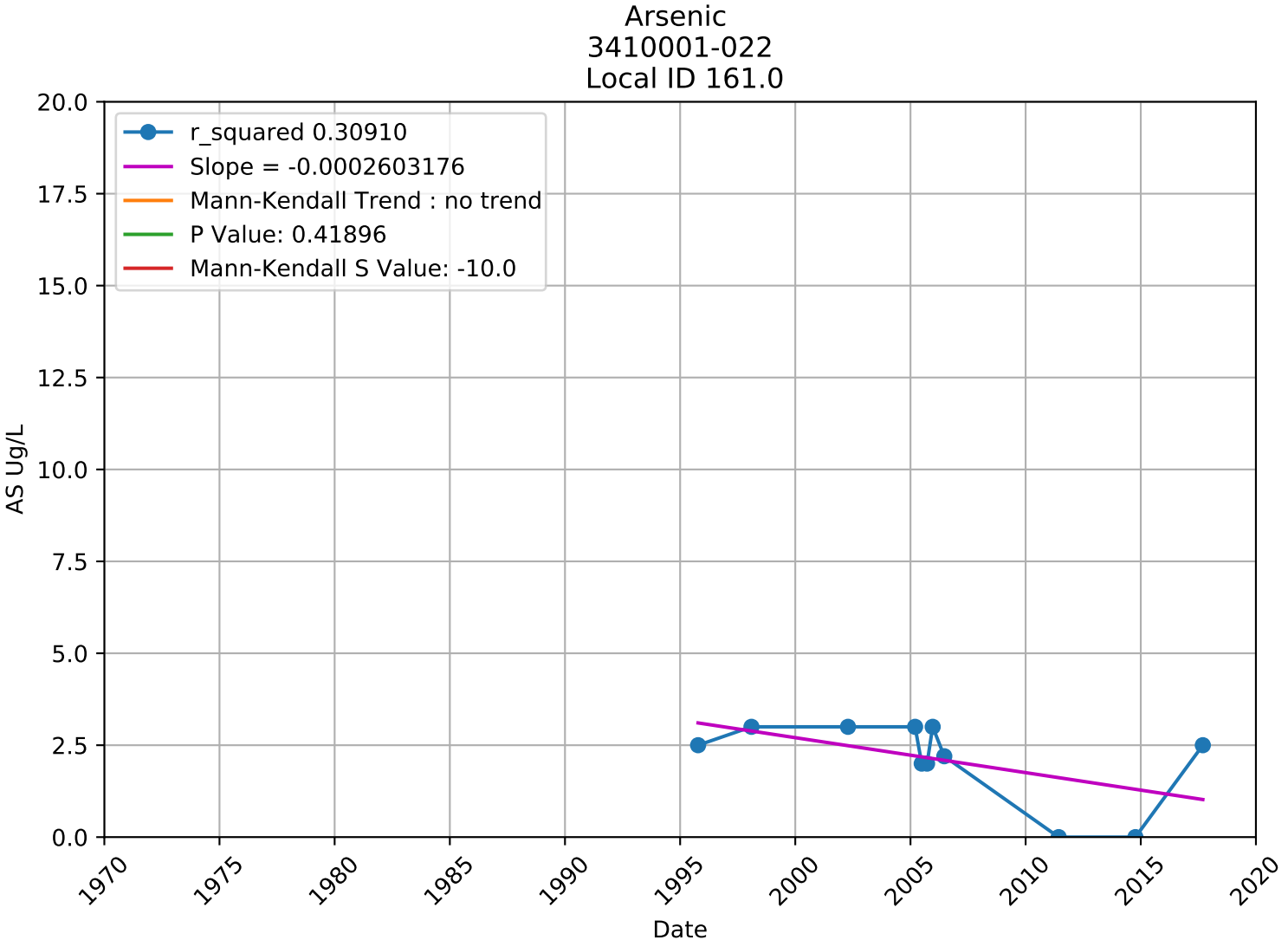

Arsenic
3410001-017
Local ID 124.0
r_squared 0.59889
Slope = -0.0003842754
Mann-Kendall Trend : no trend
P Value: 0.36723
Mann-Kendall S Value: -11.0
AS Ug/L
Date
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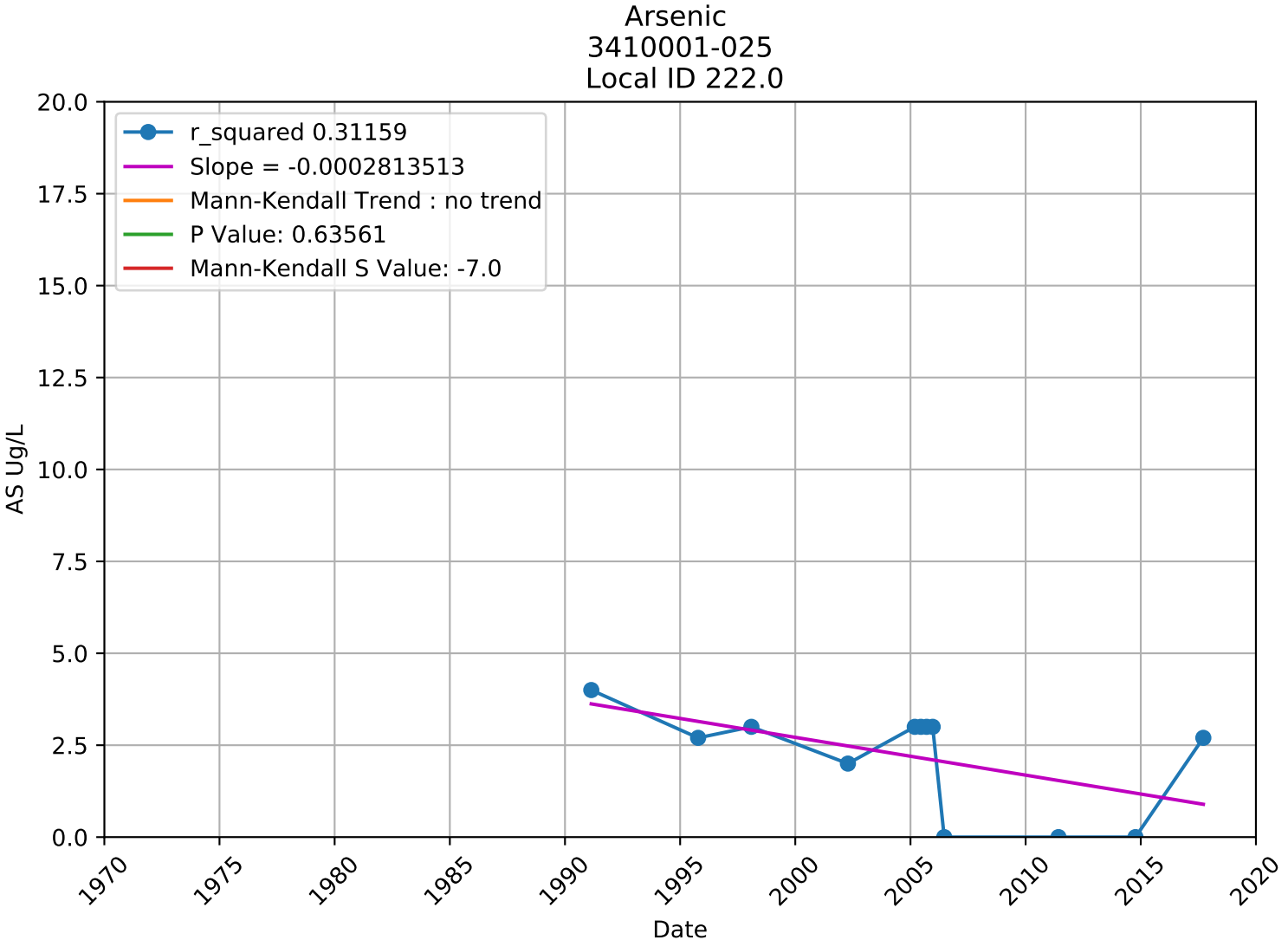

Arsenic
3410001-018
Local ID 211.0
r_squared 0.31277
Slope = -0.0002825864
Mann-Kendall Trend : no trend
P Value: 0.75006
Mann-Kendall S Value: -5.0
AS Ug/L
Date
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Arsenic
3410001-019
Local ID 209.0
r_squared 0.07339
Slope = -0.0001388944
Mann-Kendall Trend : no trend
P Value: 0.67163
Mann-Kendall S Value: 7.0
AS Ug/L
Date
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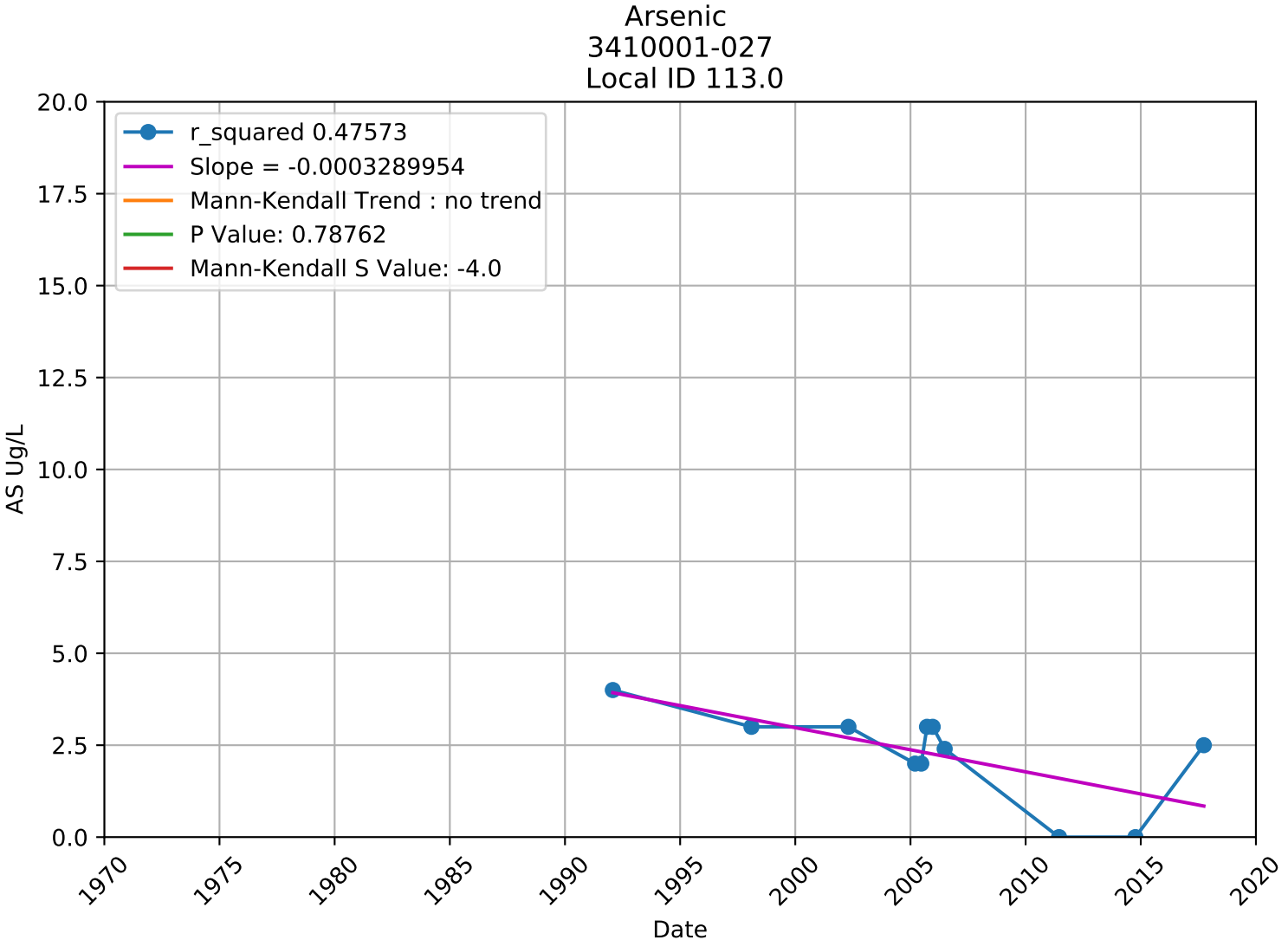

Arsenic
3410001-020
Local ID 114.0
r_squared 0.48029
Slope = -0.0002814228
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
AS Ug/L
Date
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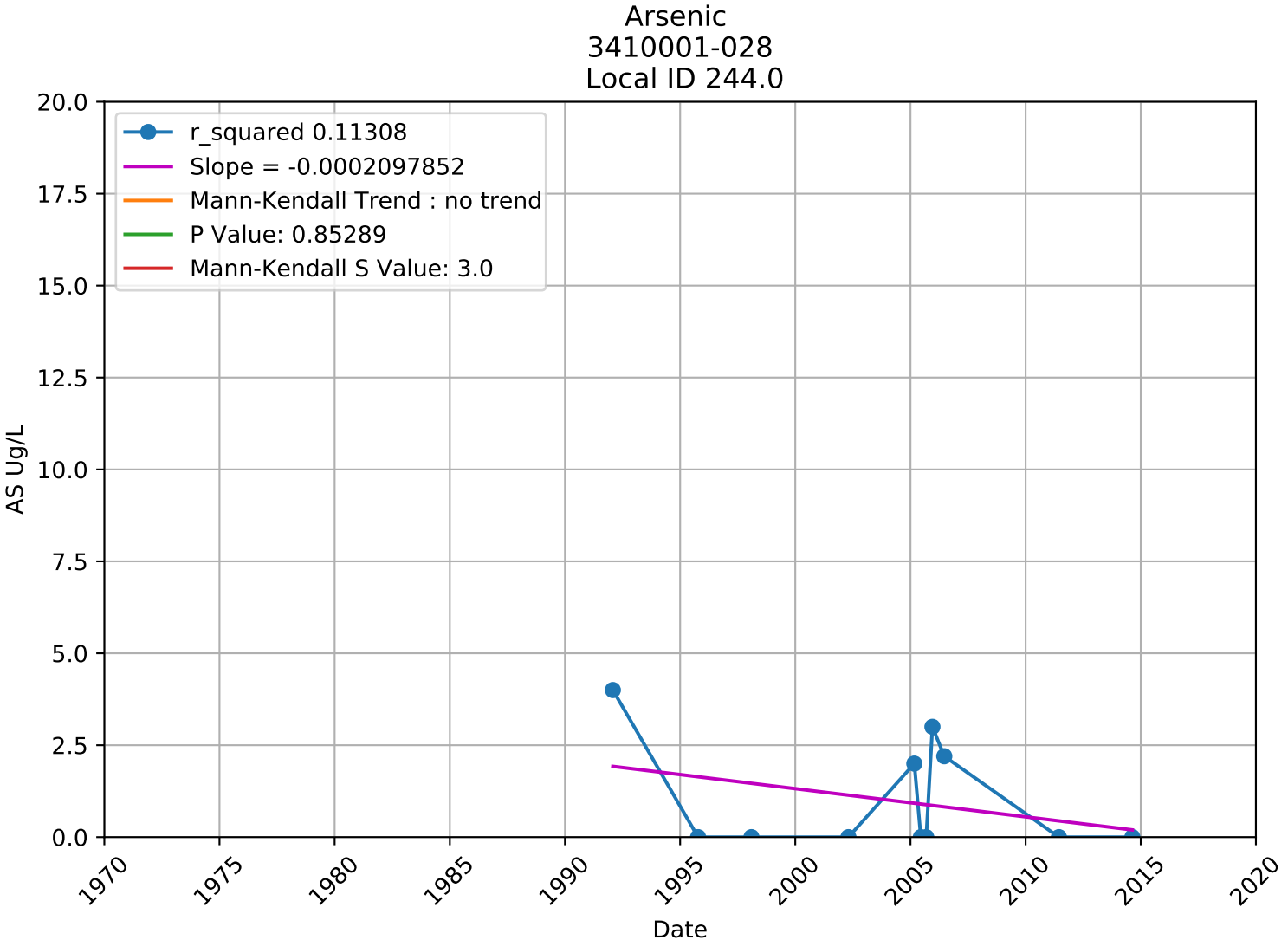

Arsenic
3410001-021
Local ID 210.0
r_squared 0.30720
Slope = -0.0002358393
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
AS Ug/L
Date
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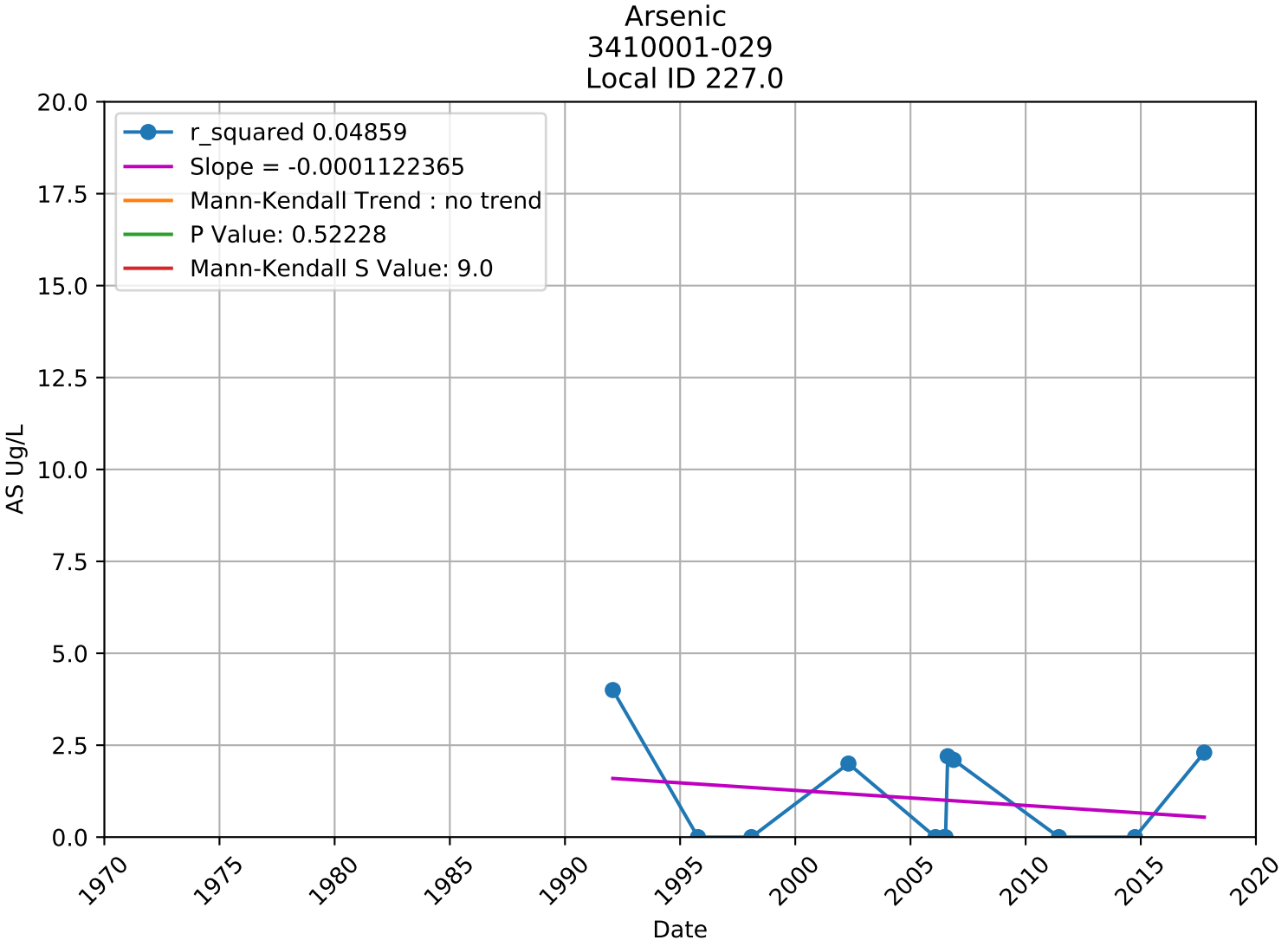

Arsenic
3410001-022
Local ID 161.0
r_squared 0.30910
Slope = -0.0002603176
Mann-Kendall Trend : no trend
P Value: 0.41896
Mann-Kendall S Value: -10.0
AS Ug/L
Date
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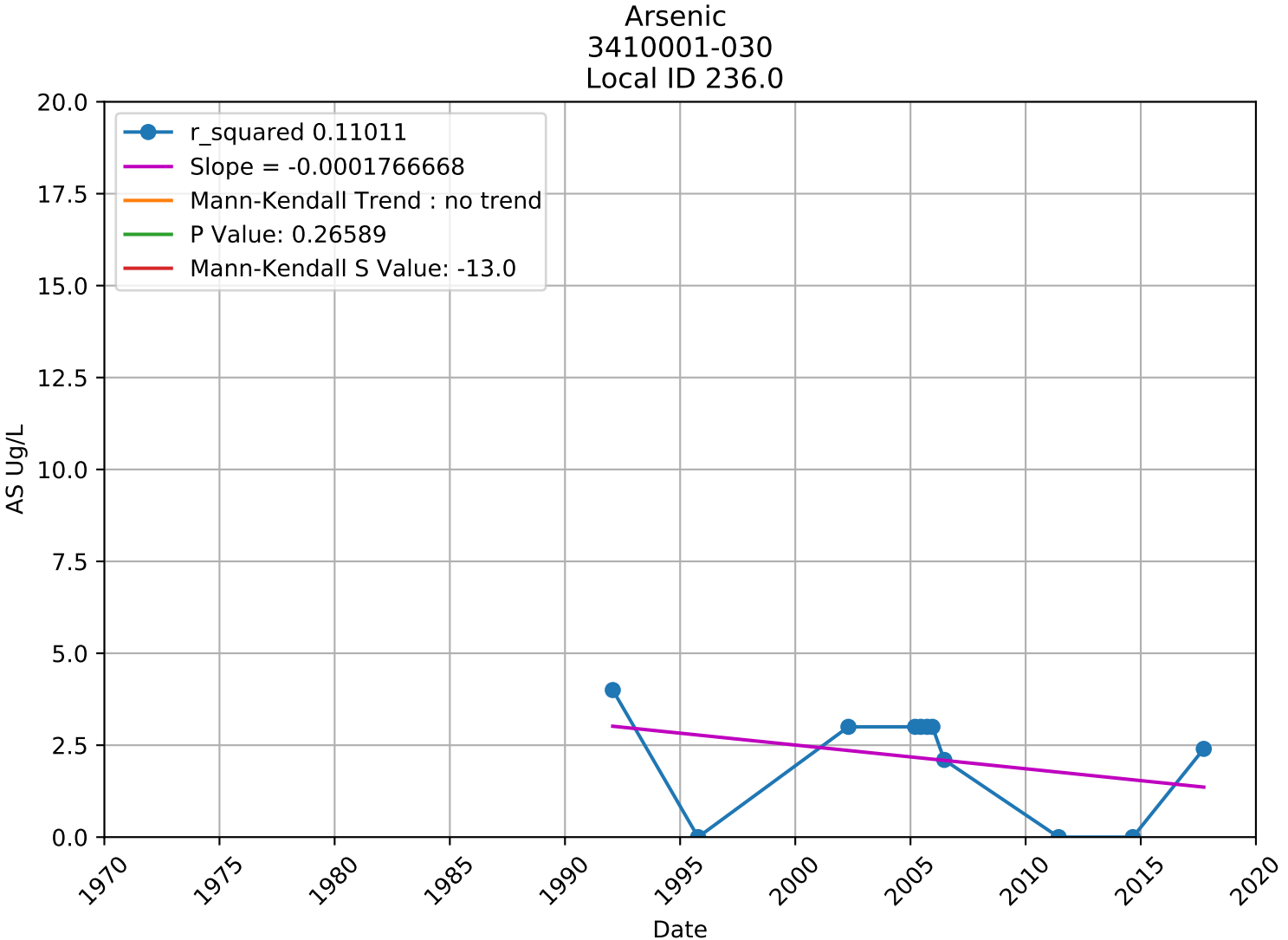

Arsenic
3410001-025
Local ID 222.0
r_squared 0.31159
Slope = -0.0002813513
Mann-Kendall Trend : no trend
P Value: 0.63561
Mann-Kendall S Value: -7.0
AS Ug/L
Date
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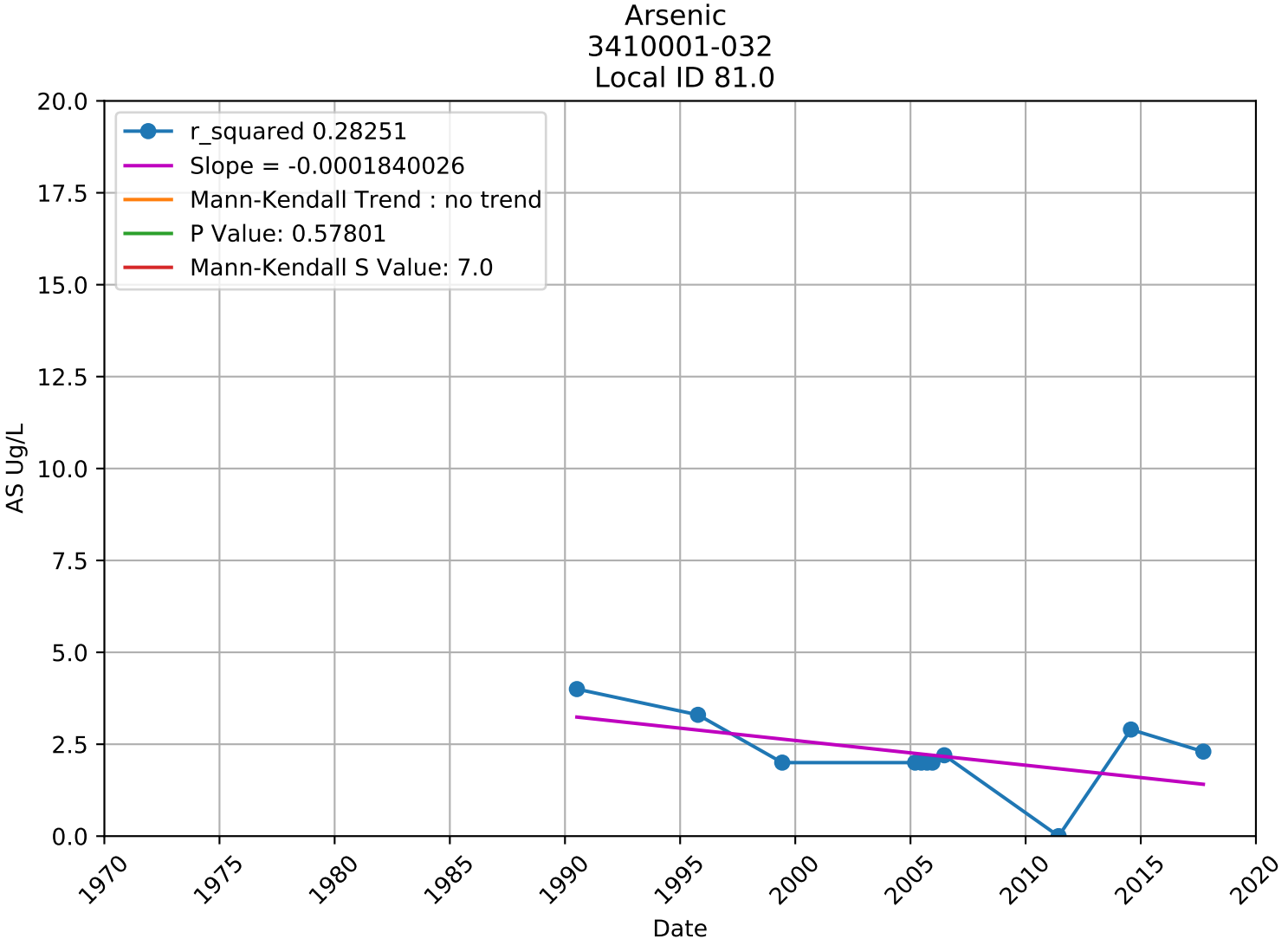

Arsenic
3410001-026
Local ID 148.0
r_squared 0.06840
Slope = -0.0002104388
Mann-Kendall Trend : no trend
P Value: 0.30818
Mann-Kendall S Value: 4.0
AS Ug/L
Date
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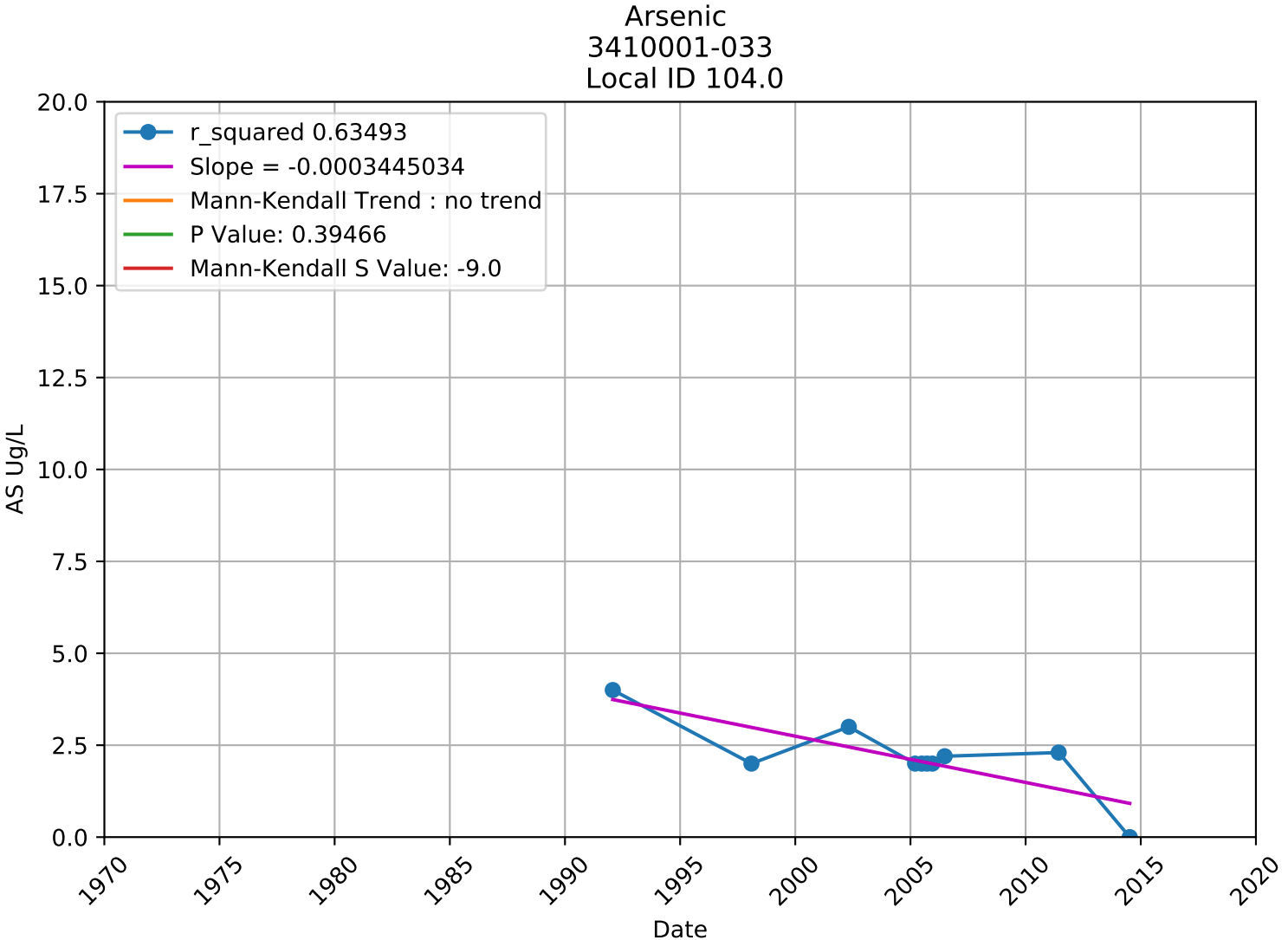

Arsenic
3410001-027
Local ID 113.0
r_squared 0.47573
Slope = -0.0003289954
Mann-Kendall Trend : no trend
P Value: 0.78762
Mann-Kendall S Value: -4.0
AS Ug/L
Date
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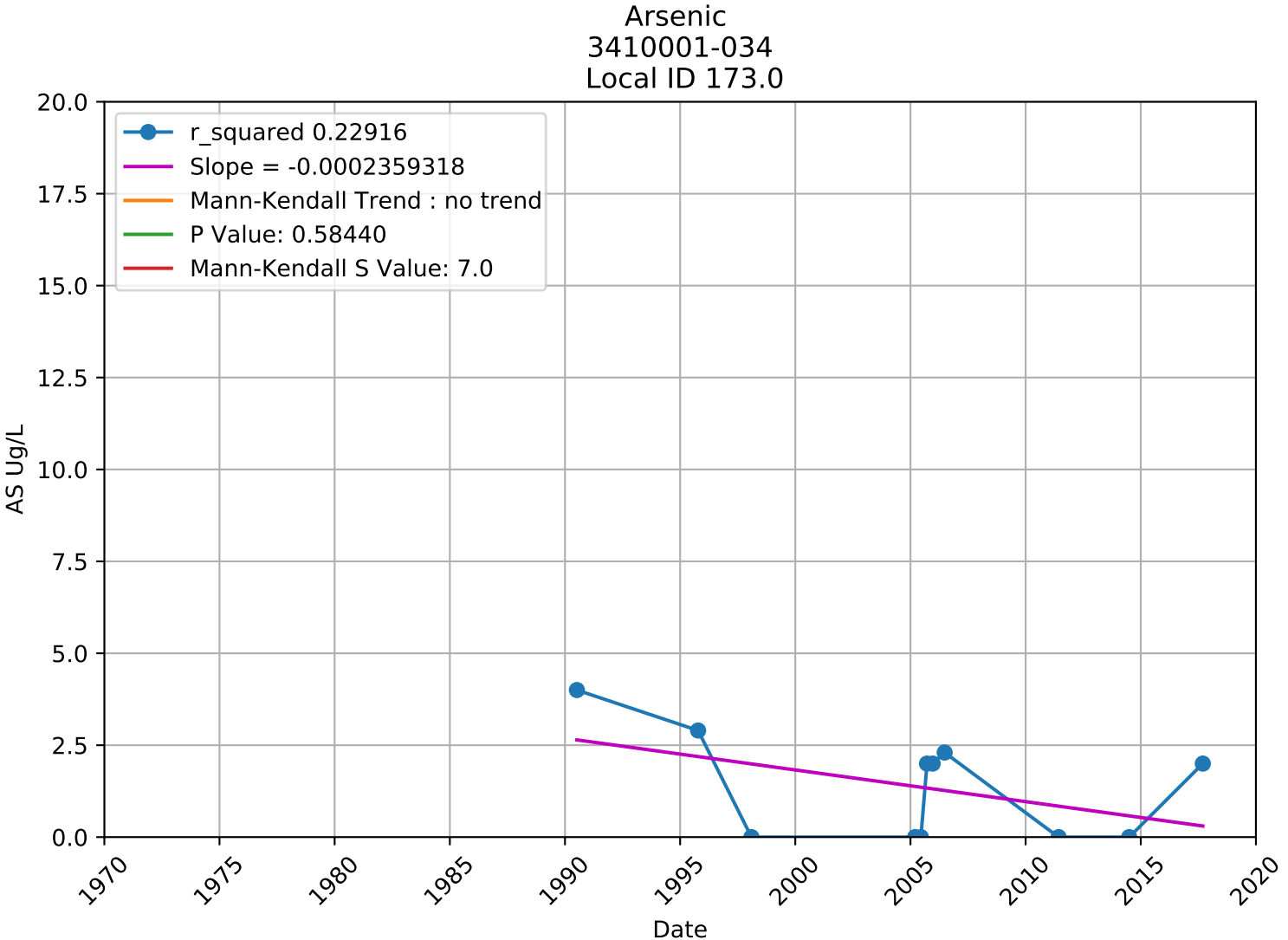

Arsenic
3410001-028
Local ID 244.0
r_squared 0.11308
Slope = -0.0002097852
Mann-Kendall Trend : no trend
P Value: 0.85289
Mann-Kendall S Value: 3.0
AS Ug/L
Date
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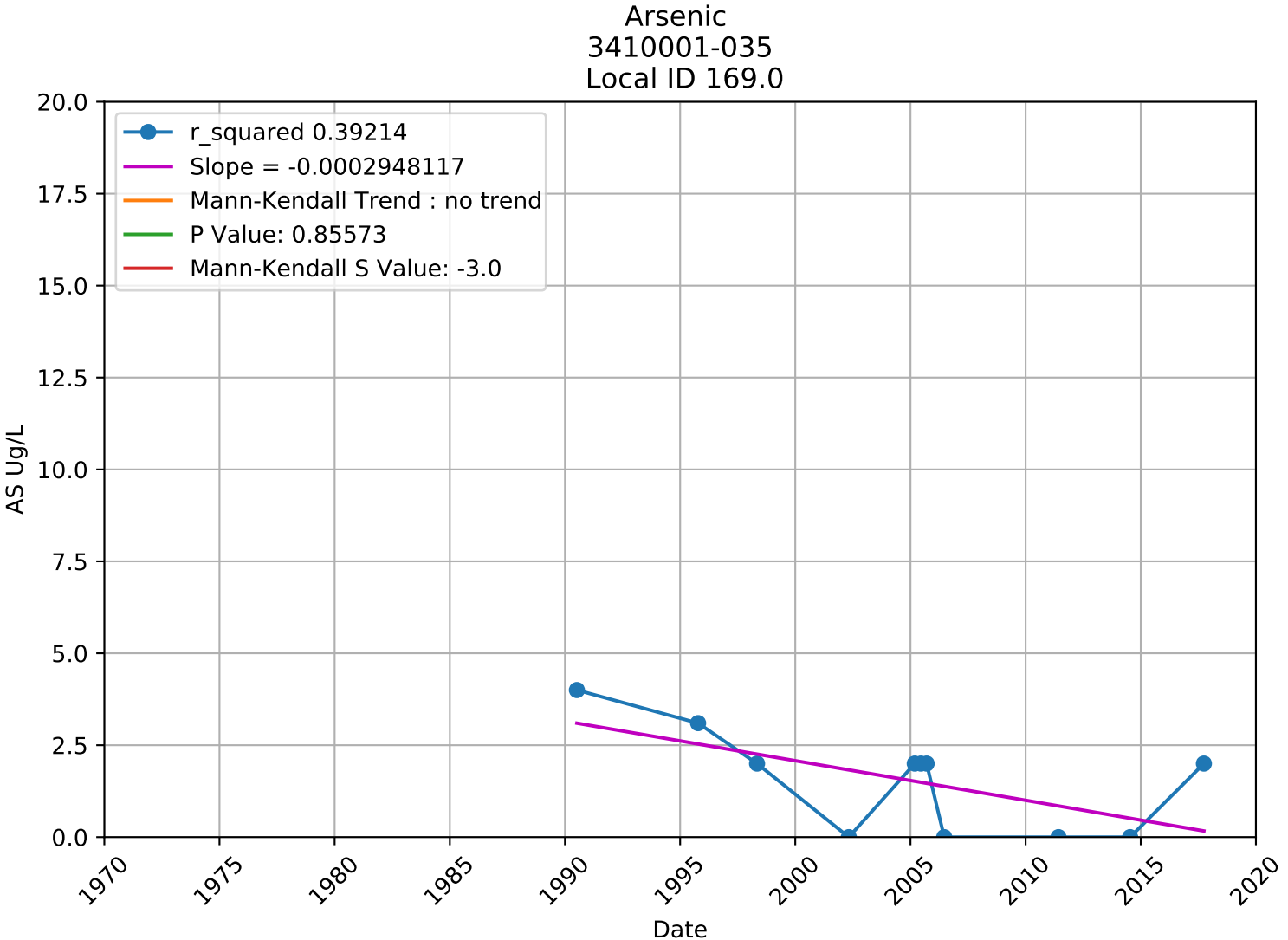

Arsenic
3410001-029
Local ID 227.0
r_squared 0.04859
Slope = -0.0001122365
Mann-Kendall Trend : no trend
P Value: 0.52228
Mann-Kendall S Value: 9.0
AS Ug/L
Date
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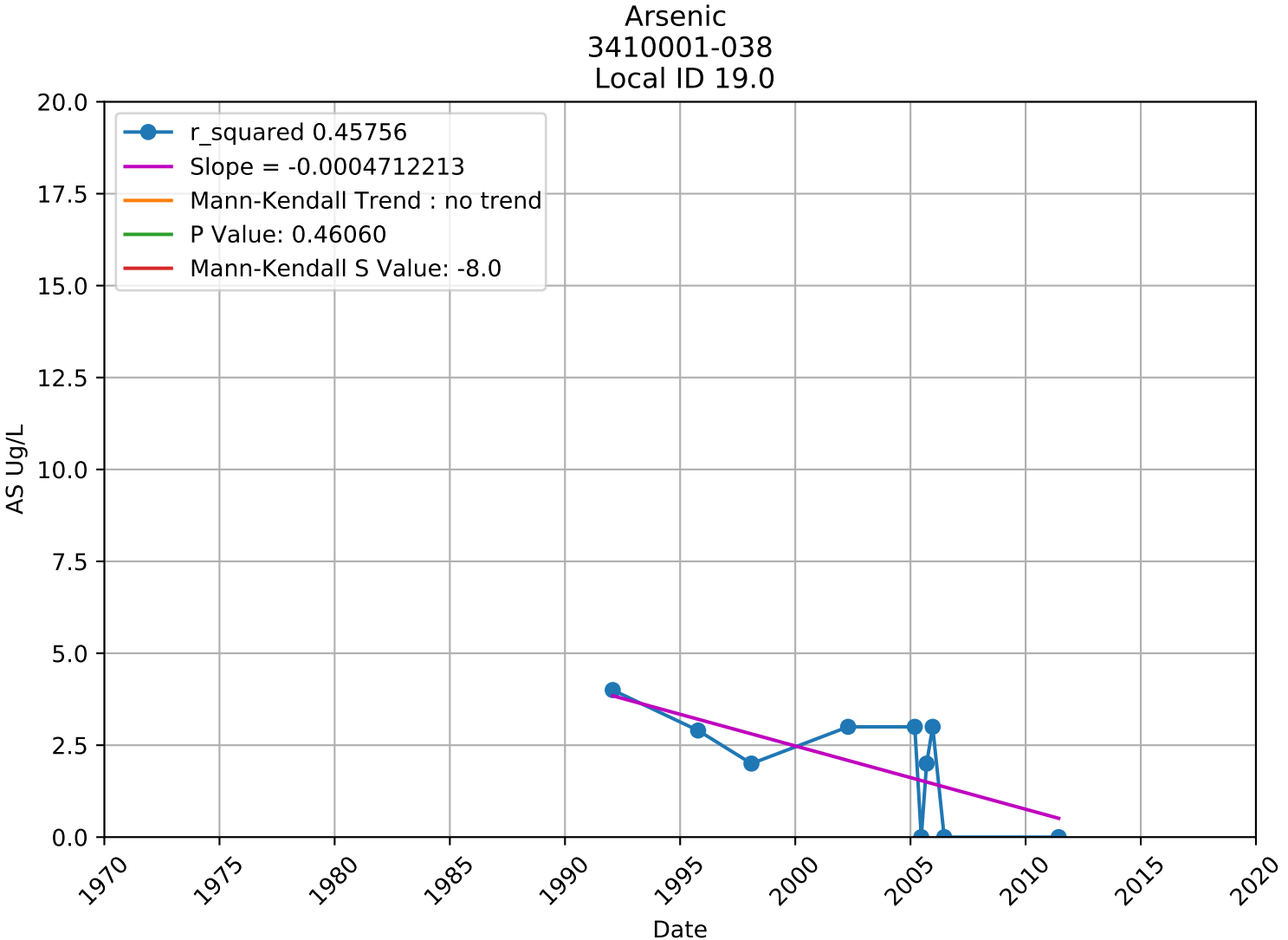

Arsenic
3410001-030
Local ID 236.0
r_squared 0.11011
Slope = -0.0001766668
Mann-Kendall Trend : no trend
P Value: 0.26589
Mann-Kendall S Value: -13.0
AS Ug/L
Date
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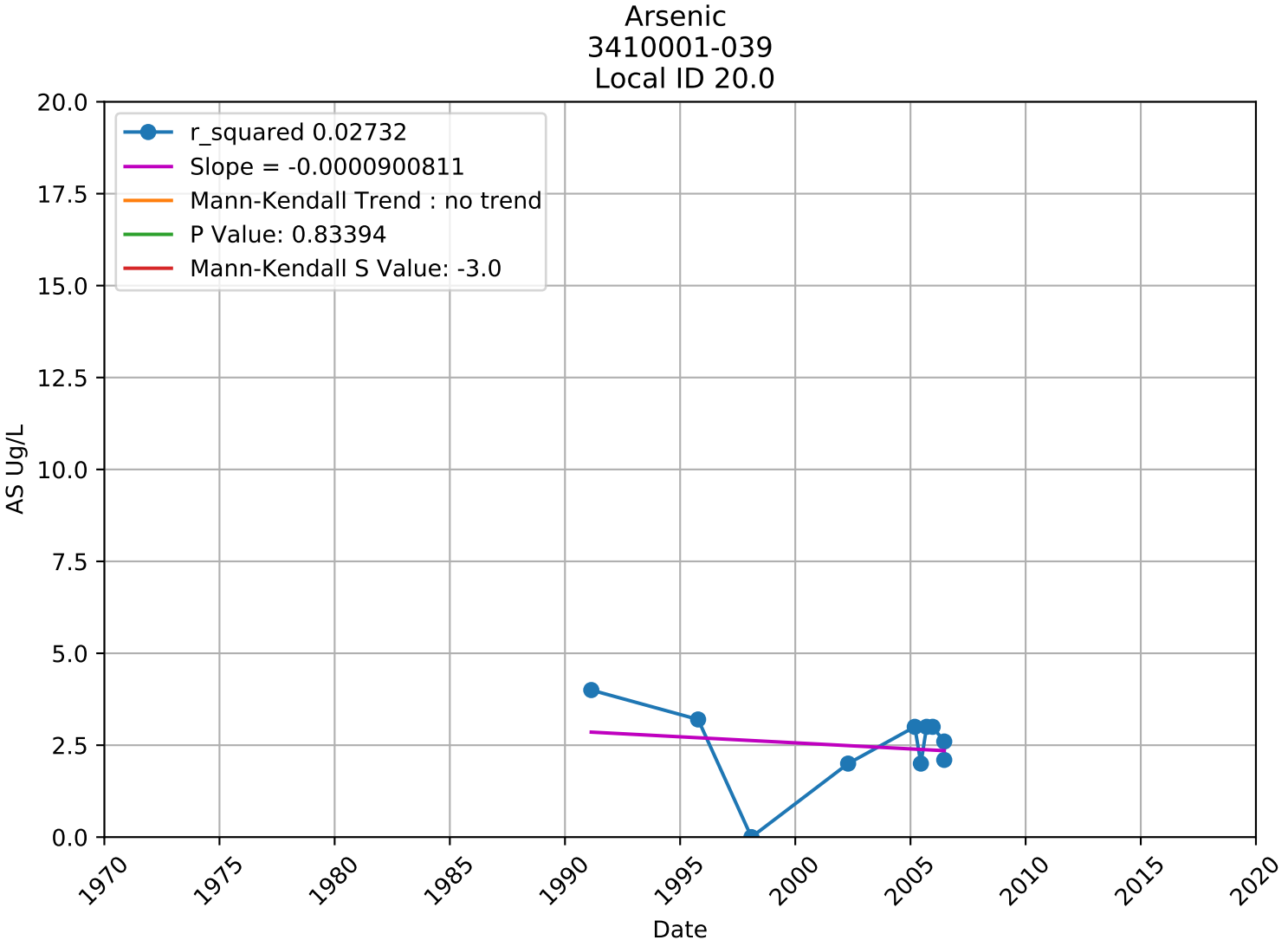

Arsenic
3410001-032
Local ID 81.0
r_squared 0.28251
Slope = -0.0001840026
Mann-Kendall Trend : no trend
P Value: 0.57801
Mann-Kendall S Value: 7.0
AS Ug/L
Date
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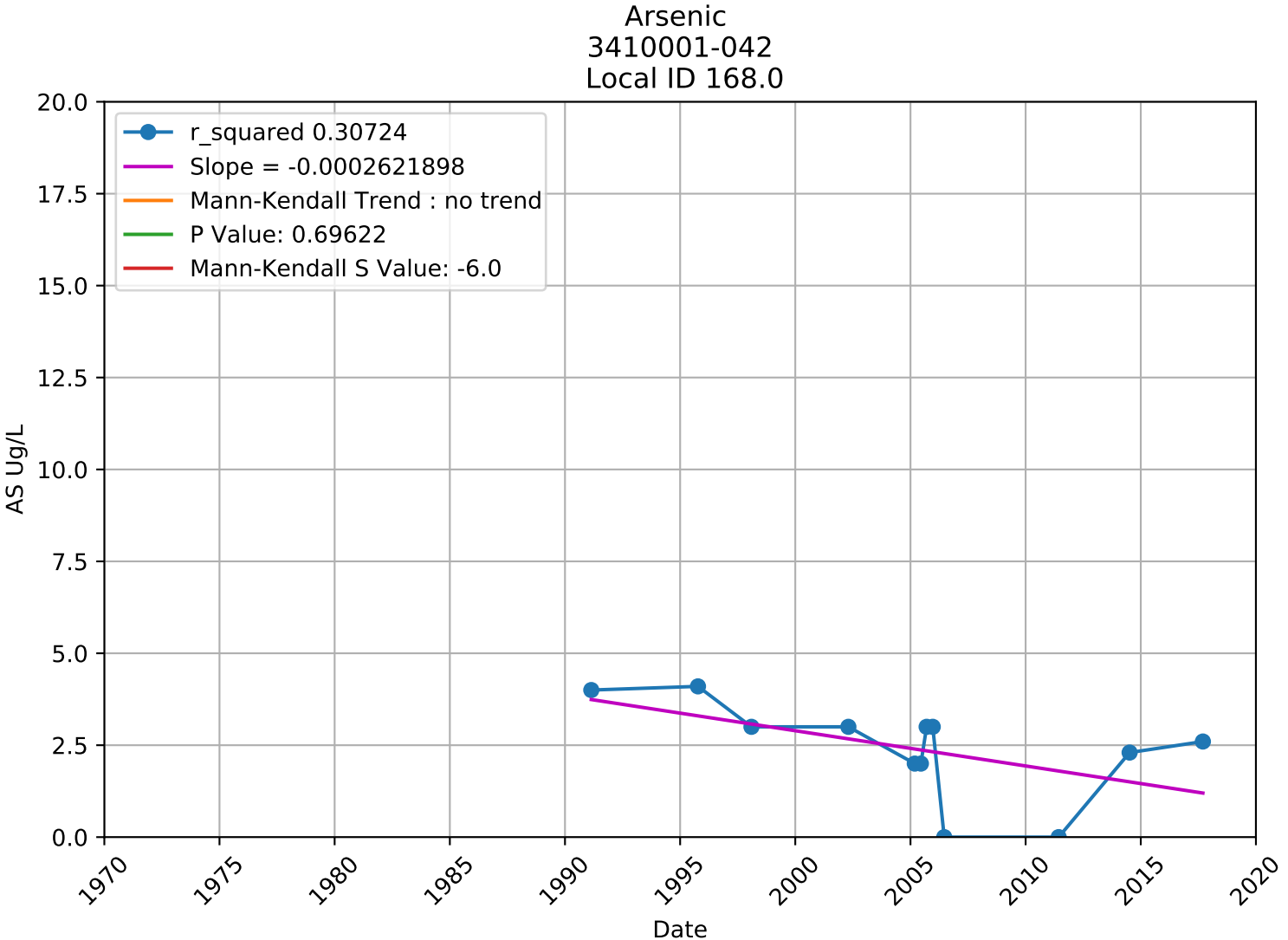

Arsenic
3410001-033
Local ID 104.0
r_squared 0.63493
Slope = -0.0003445034
Mann-Kendall Trend : no trend
P Value: 0.39466
Mann-Kendall S Value: -9.0
AS Ug/L
Date
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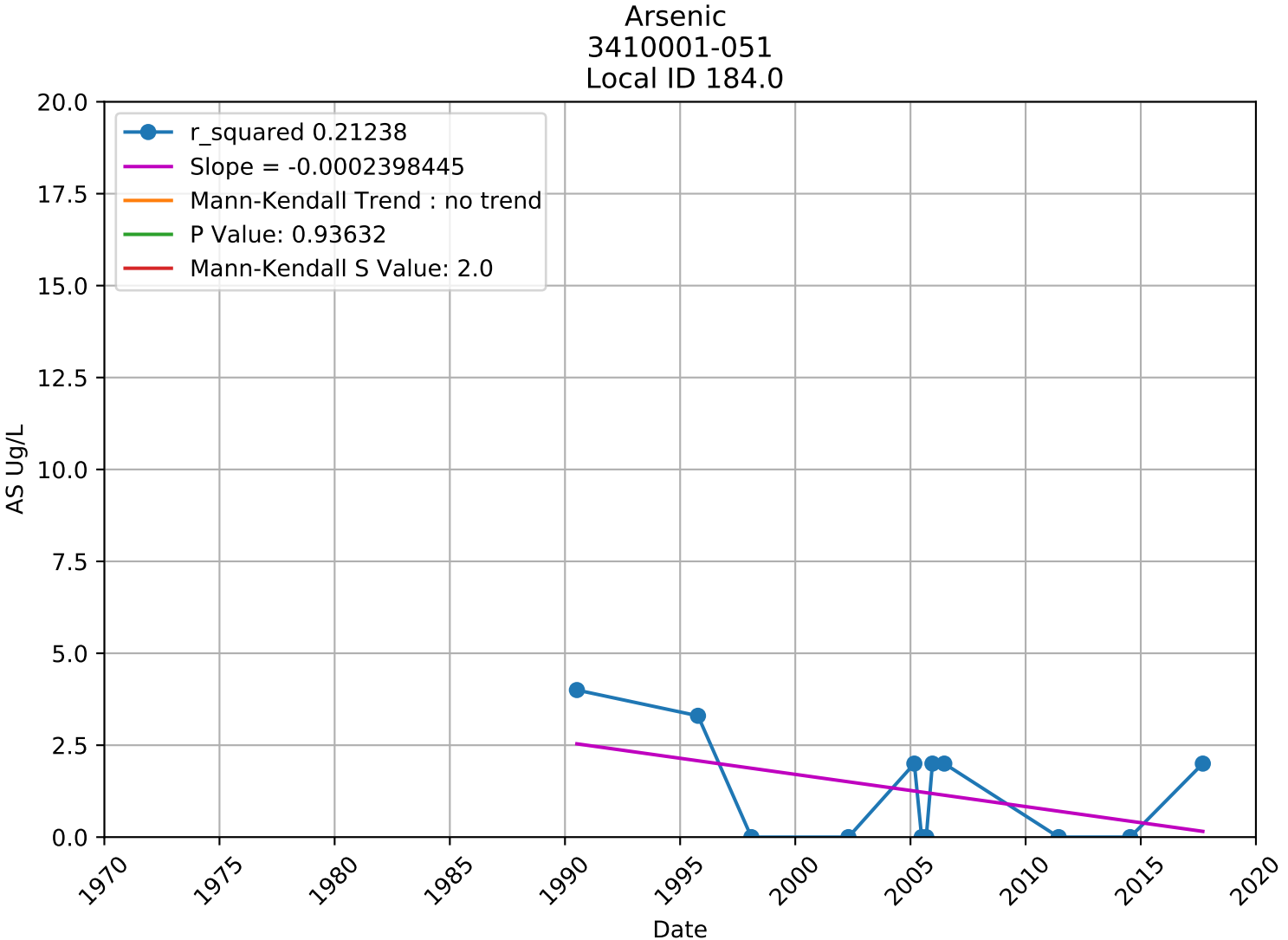

Arsenic
3410001-034
Local ID 173.0
r_squared 0.22916
Slope = -0.0002359318
Mann-Kendall Trend : no trend
P Value: 0.58440
Mann-Kendall S Value: 7.0
AS Ug/L
Date
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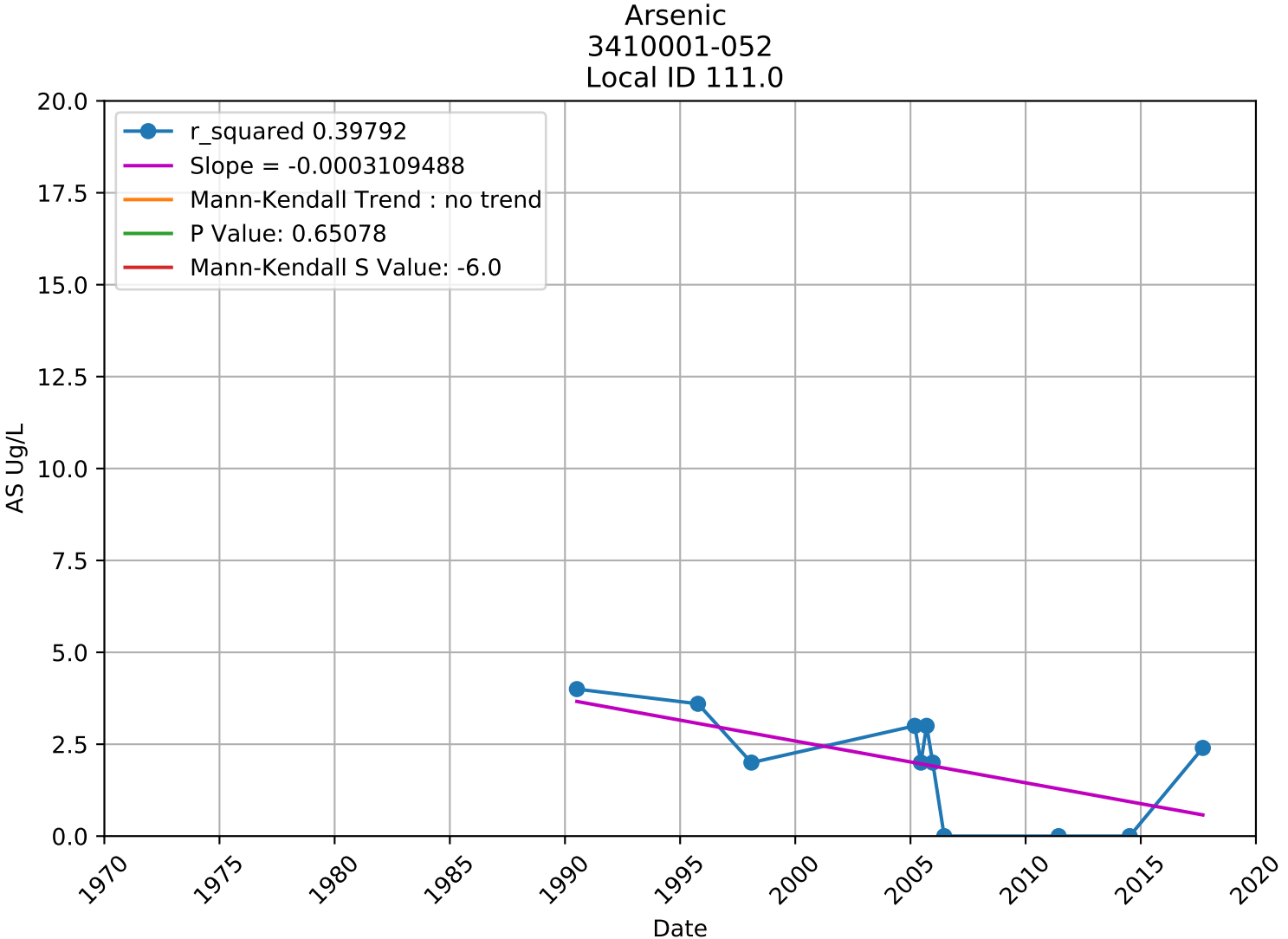

Arsenic
3410001-035
Local ID 169.0
r_squared 0.39214
Slope = -0.0002948117
Mann-Kendall Trend : no trend
P Value: 0.85573
Mann-Kendall S Value: -3.0
AS Ug/L
Date
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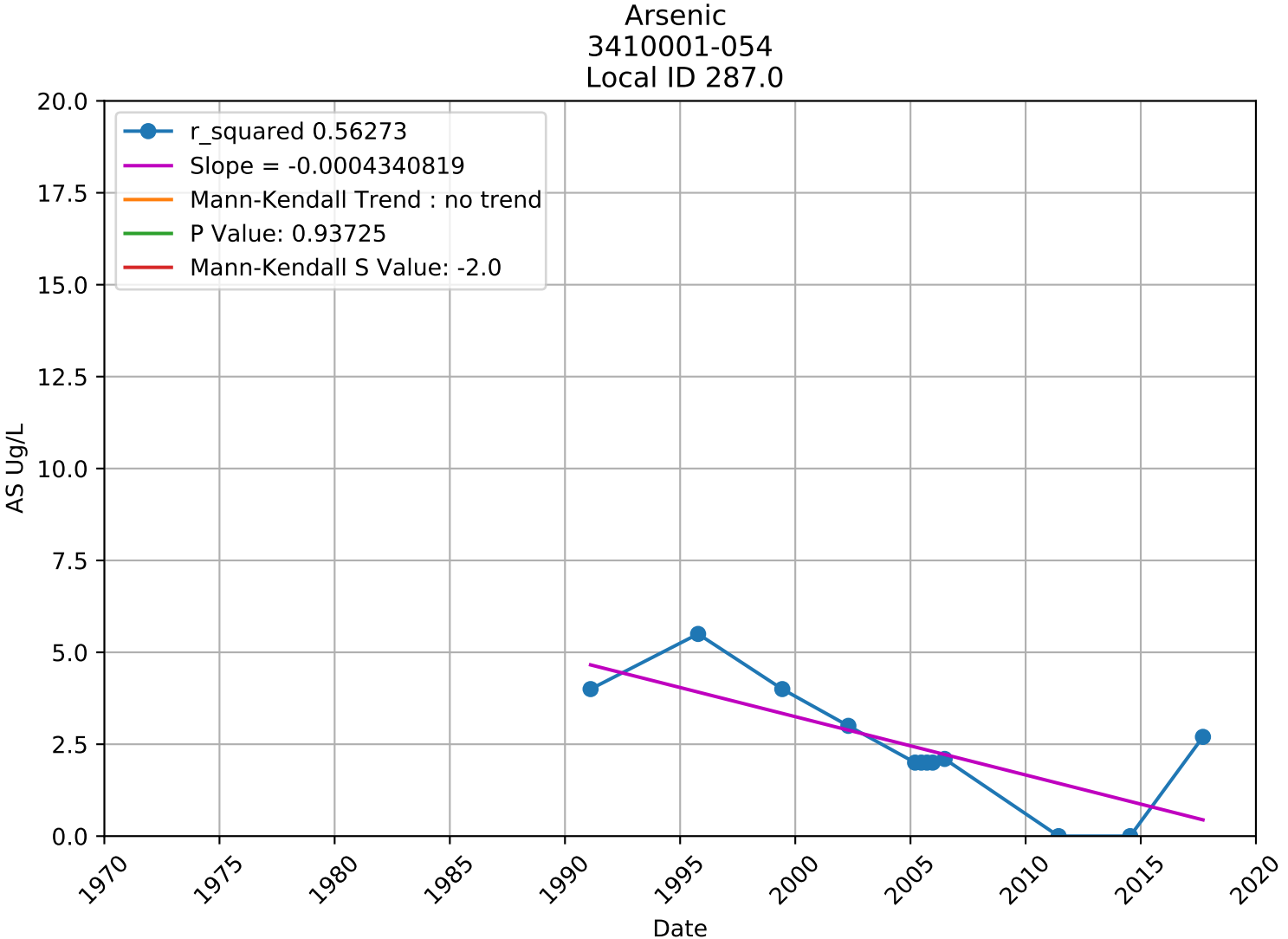

Arsenic
3410001-038
Local ID 19.0
r_squared 0.45756
Slope = -0.0004712213
Mann-Kendall Trend : no trend
P Value: 0.46060
Mann-Kendall S Value: -8.0
AS Ug/L
Date
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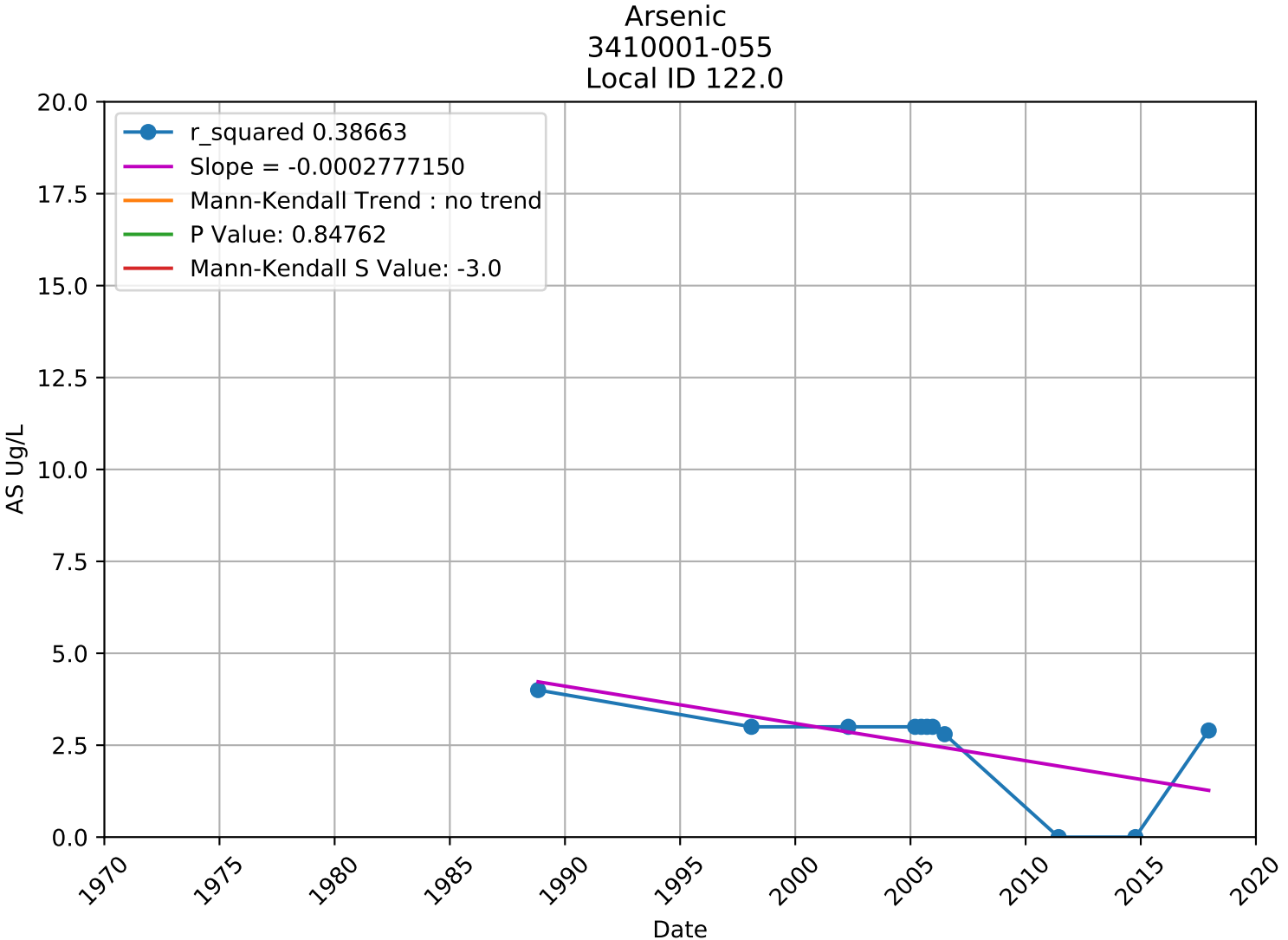

Arsenic
3410001-039
Local ID 20.0
r_squared 0.02732
Slope = -0.0000900811
Mann-Kendall Trend : no trend
P Value: 0.83394
Mann-Kendall S Value: -3.0
AS Ug/L
Date
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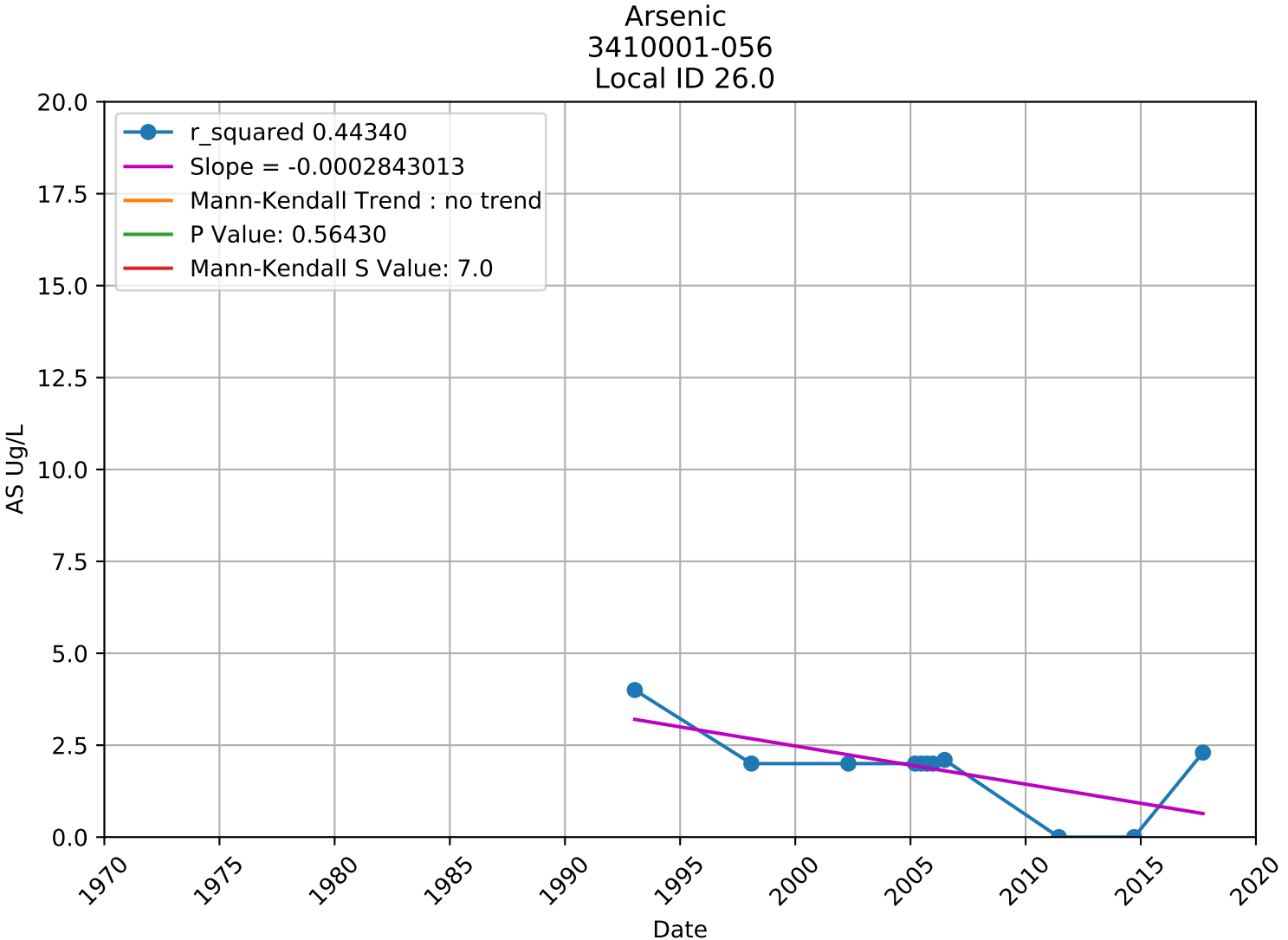

Arsenic
3410001-042
Local ID 168.0
r_squared 0.30724
Slope = -0.0002621898
Mann-Kendall Trend : no trend
P Value: 0.69622
Mann-Kendall S Value: -6.0
AS Ug/L
Date
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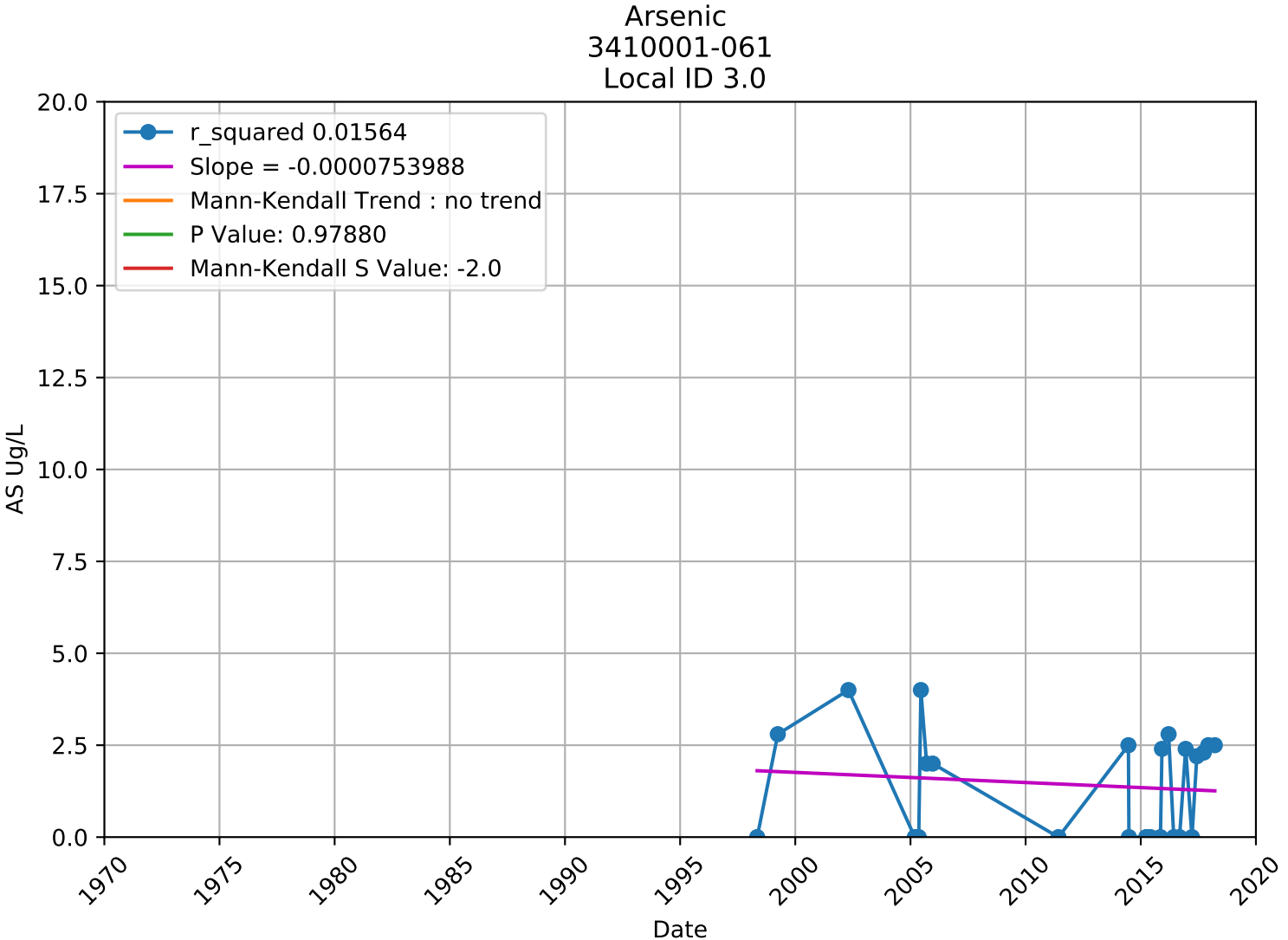

Arsenic
3410001-051
Local ID 184.0
r_squared 0.21238
Slope = -0.0002398445
Mann-Kendall Trend : no trend
P Value: 0.93632
Mann-Kendall S Value: 2.0
AS Ug/L
Date
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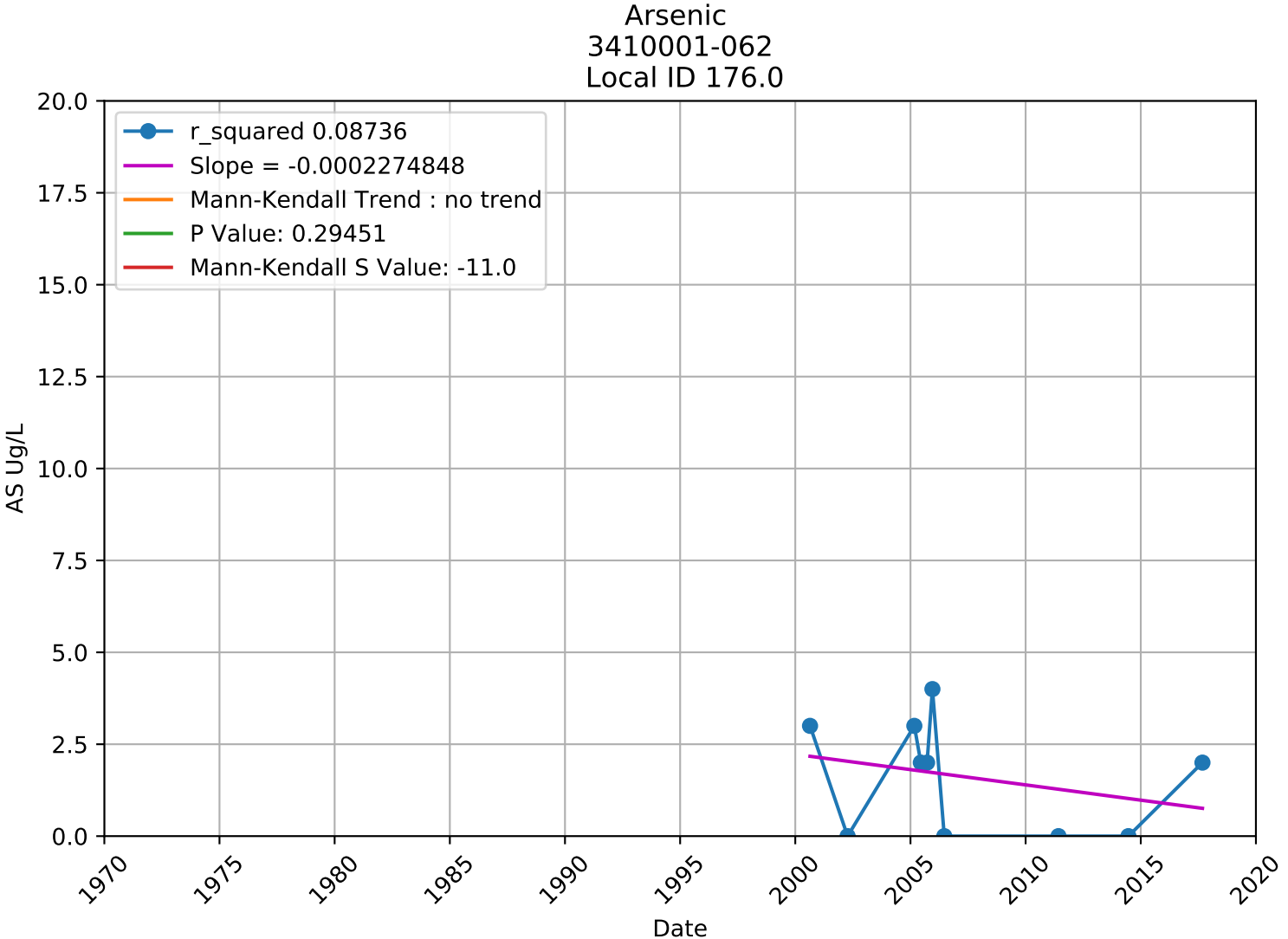

Arsenic
3410001-052
Local ID 111.0
r_squared 0.39792
Slope = -0.0003109488
Mann-Kendall Trend : no trend
P Value: 0.65078
Mann-Kendall S Value: -6.0
AS Ug/L
Date
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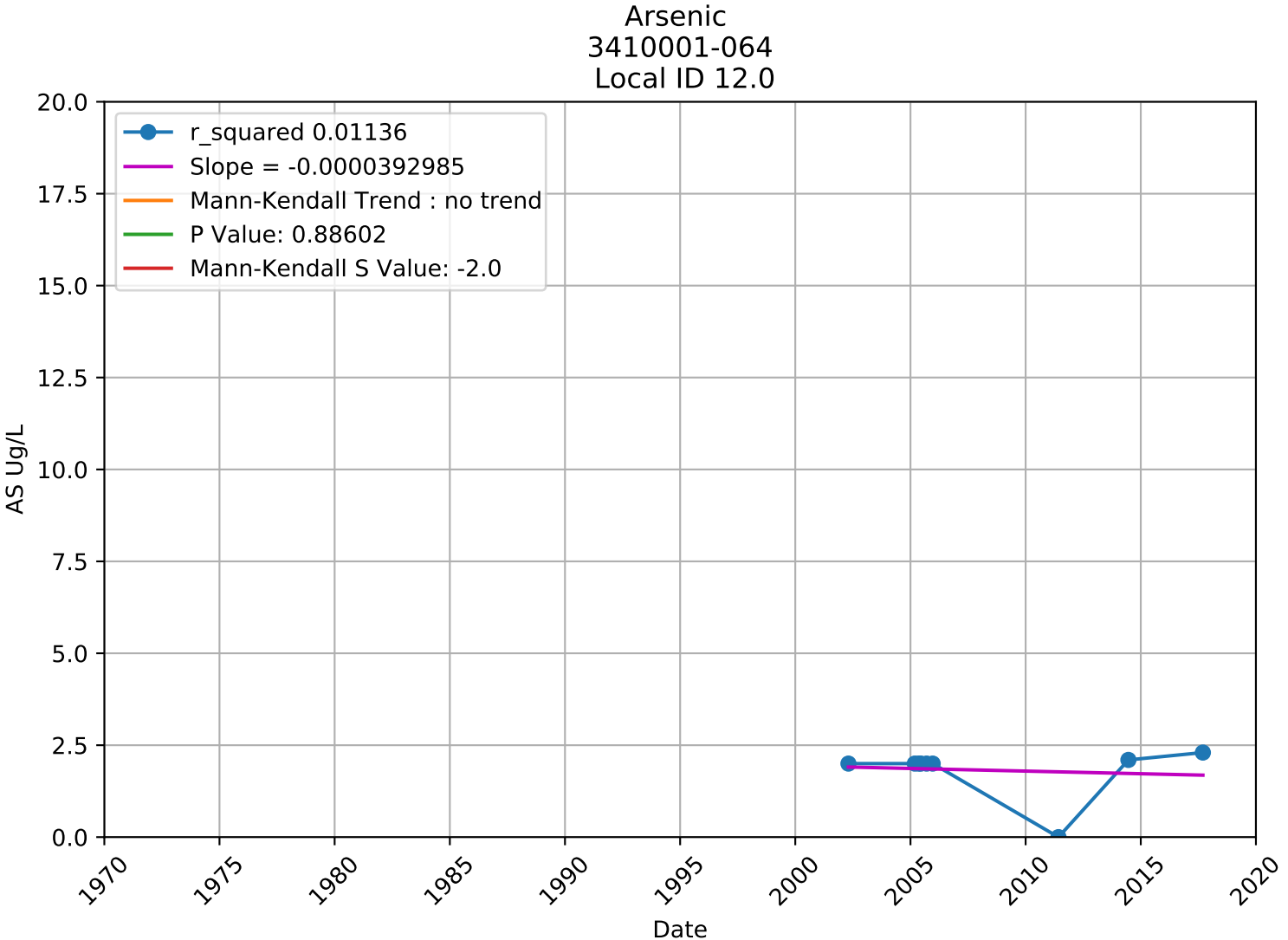

Arsenic
3410001-054
Local ID 287.0
r_squared 0.56273
Slope = -0.0004340819
Mann-Kendall Trend : no trend
P Value: 0.93725
Mann-Kendall S Value: -2.0
AS Ug/L
Date
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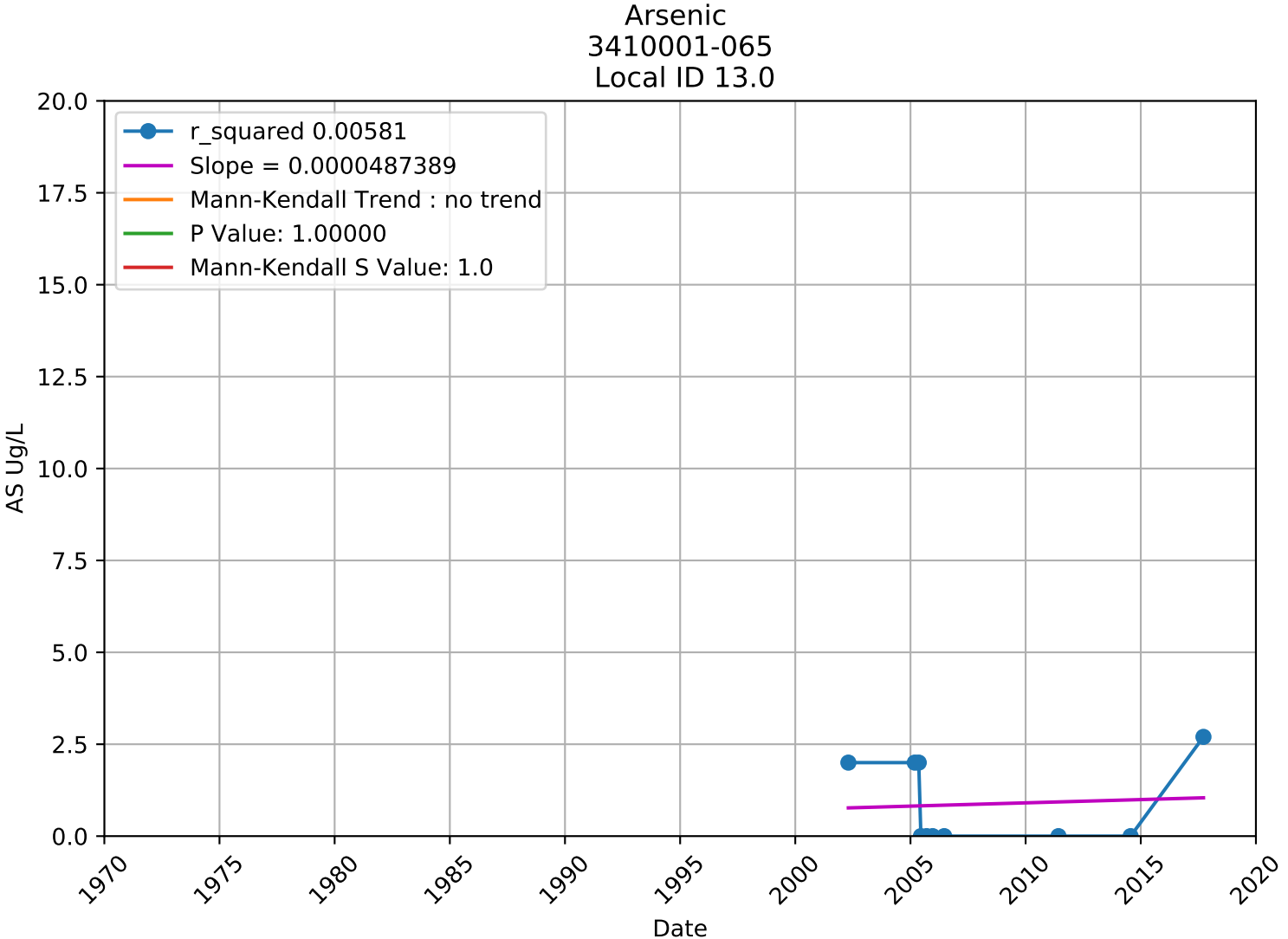

Arsenic
3410001-055
Local ID 122.0
r_squared 0.38663
Slope = -0.0002777150
Mann-Kendall Trend : no trend
P Value: 0.84762
Mann-Kendall S Value: -3.0
AS Ug/L
Date
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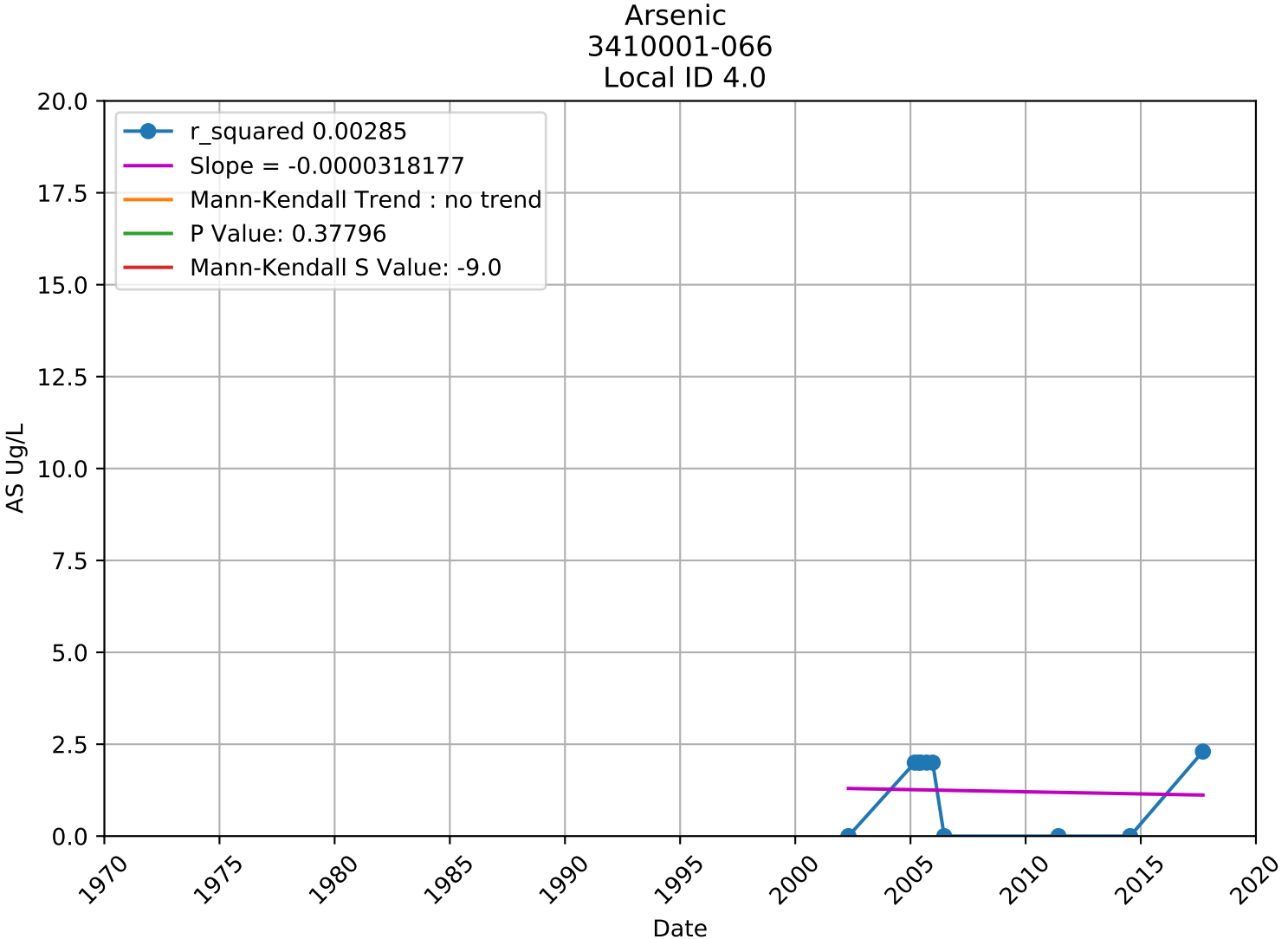

Arsenic
3410001-056
Local ID 26.0
r_squared 0.44340
Slope = -0.0002843013
Mann-Kendall Trend : no trend
P Value: 0.56430
Mann-Kendall S Value: 7.0
AS Ug/L
Date
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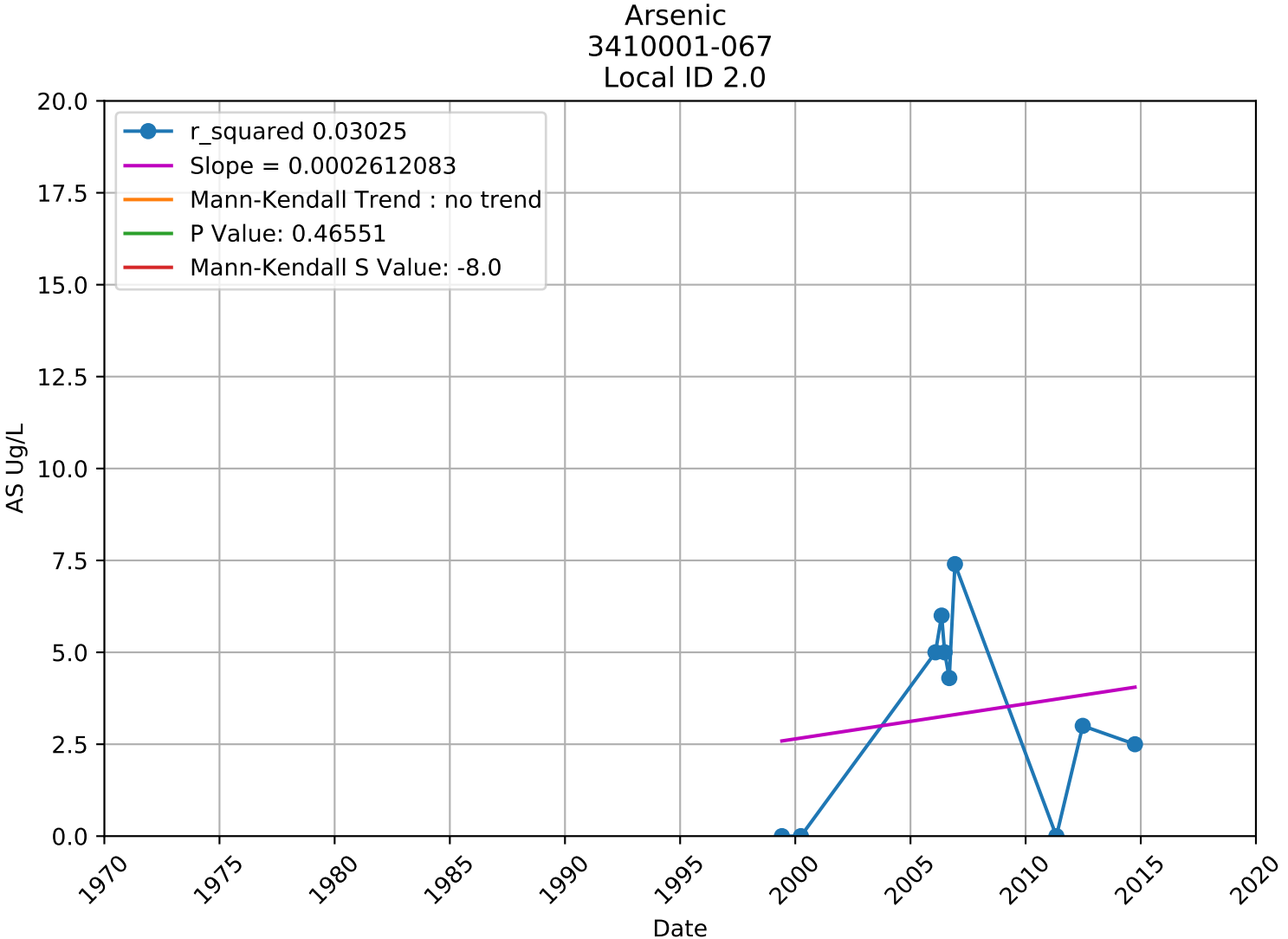

Arsenic
3410001-061
Local ID 3.0
r_squared 0.01564
Slope = -0.0000753988
Mann-Kendall Trend : no trend
P Value: 0.97880
Mann-Kendall S Value: -2.0
AS Ug/L
Date
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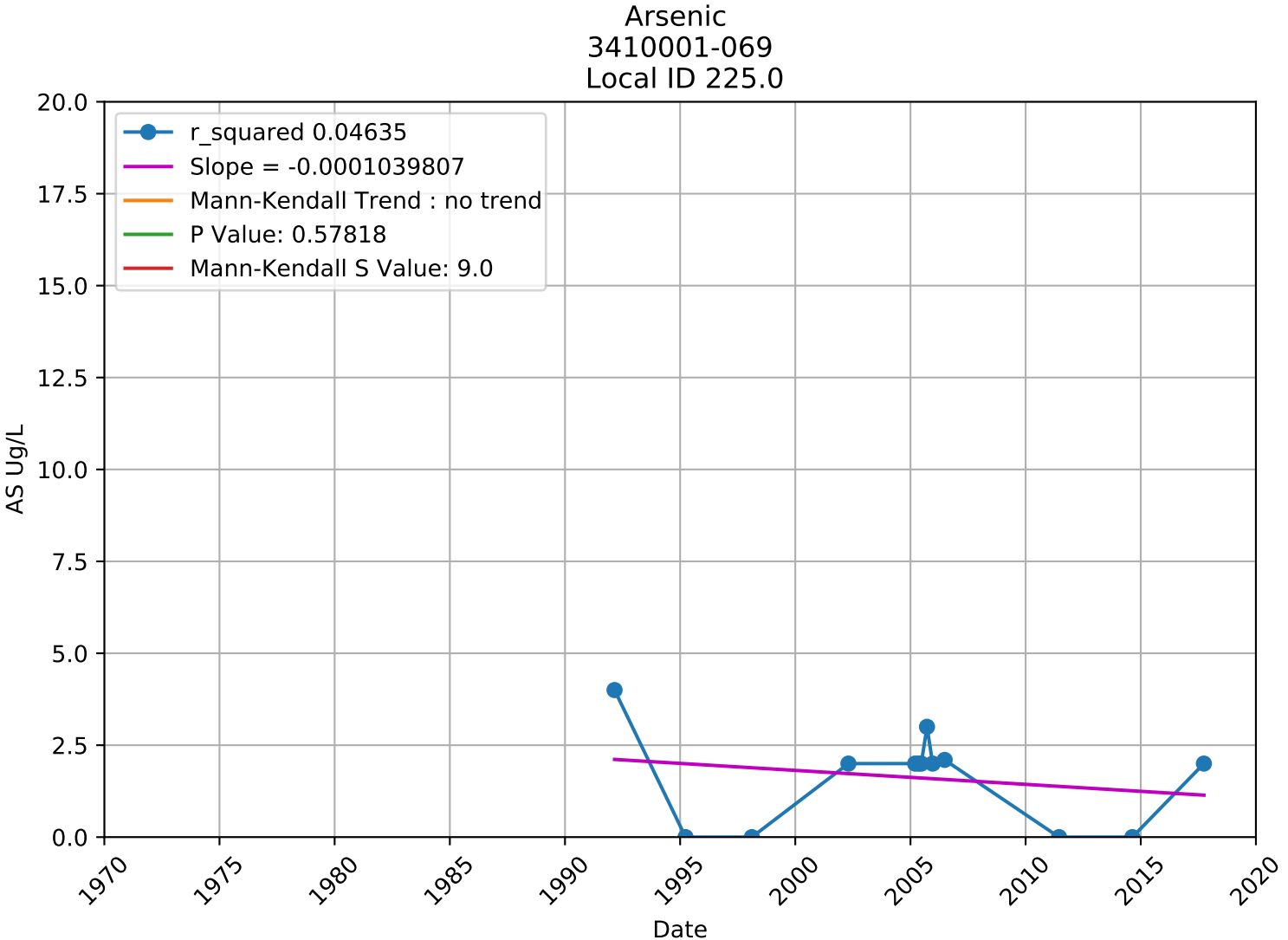

Arsenic
3410001-062
Local ID 176.0
r_squared 0.08736
Slope = -0.0002274848
Mann-Kendall Trend : no trend
P Value: 0.29451
Mann-Kendall S Value: -11.0
AS Ug/L
Date
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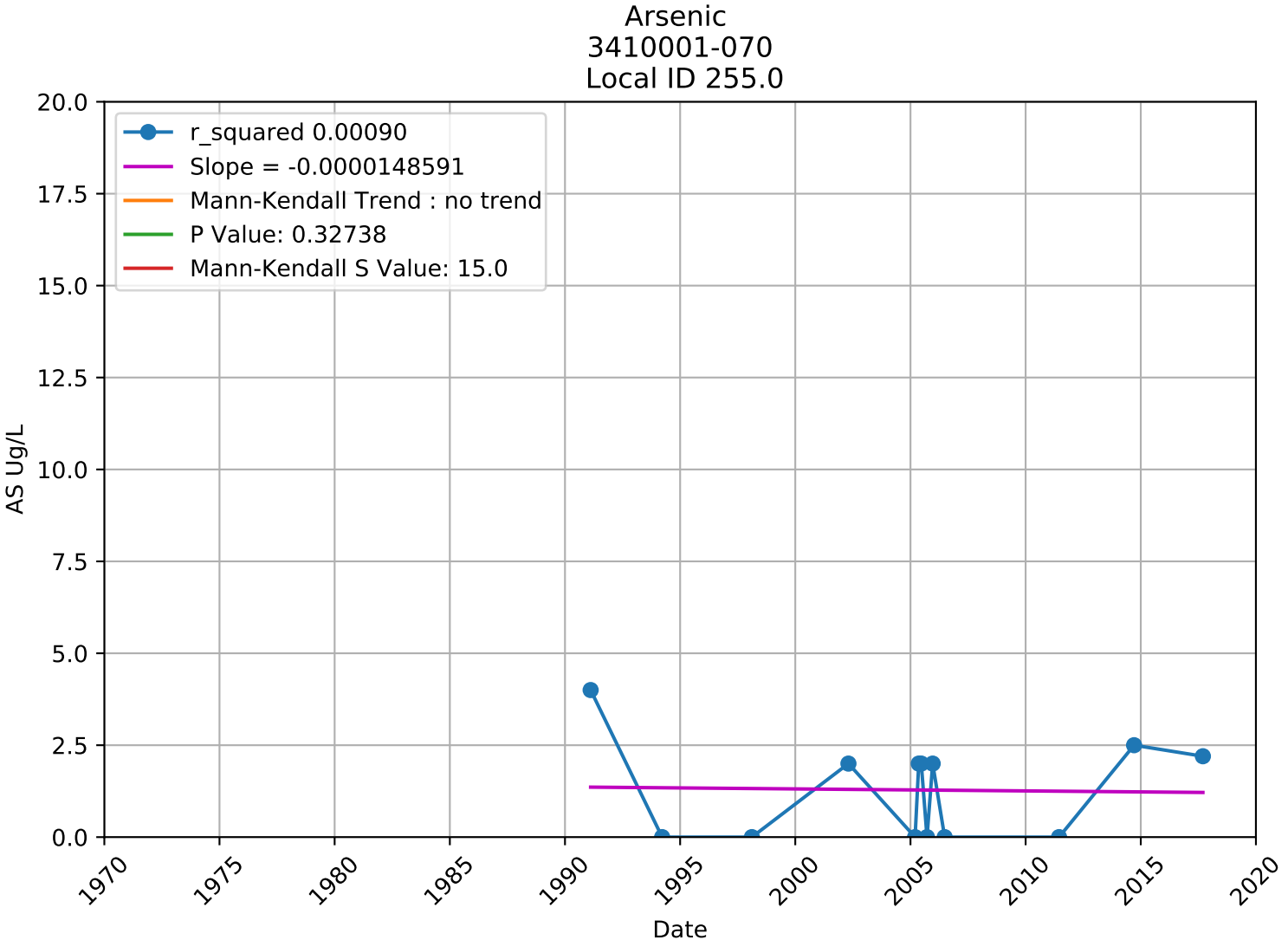

Arsenic
3410001-064
Local ID 12.0
r_squared 0.01136
Slope = -0.0000392985
Mann-Kendall Trend : no trend
P Value: 0.88602
Mann-Kendall S Value: -2.0
AS Ug/L
Date
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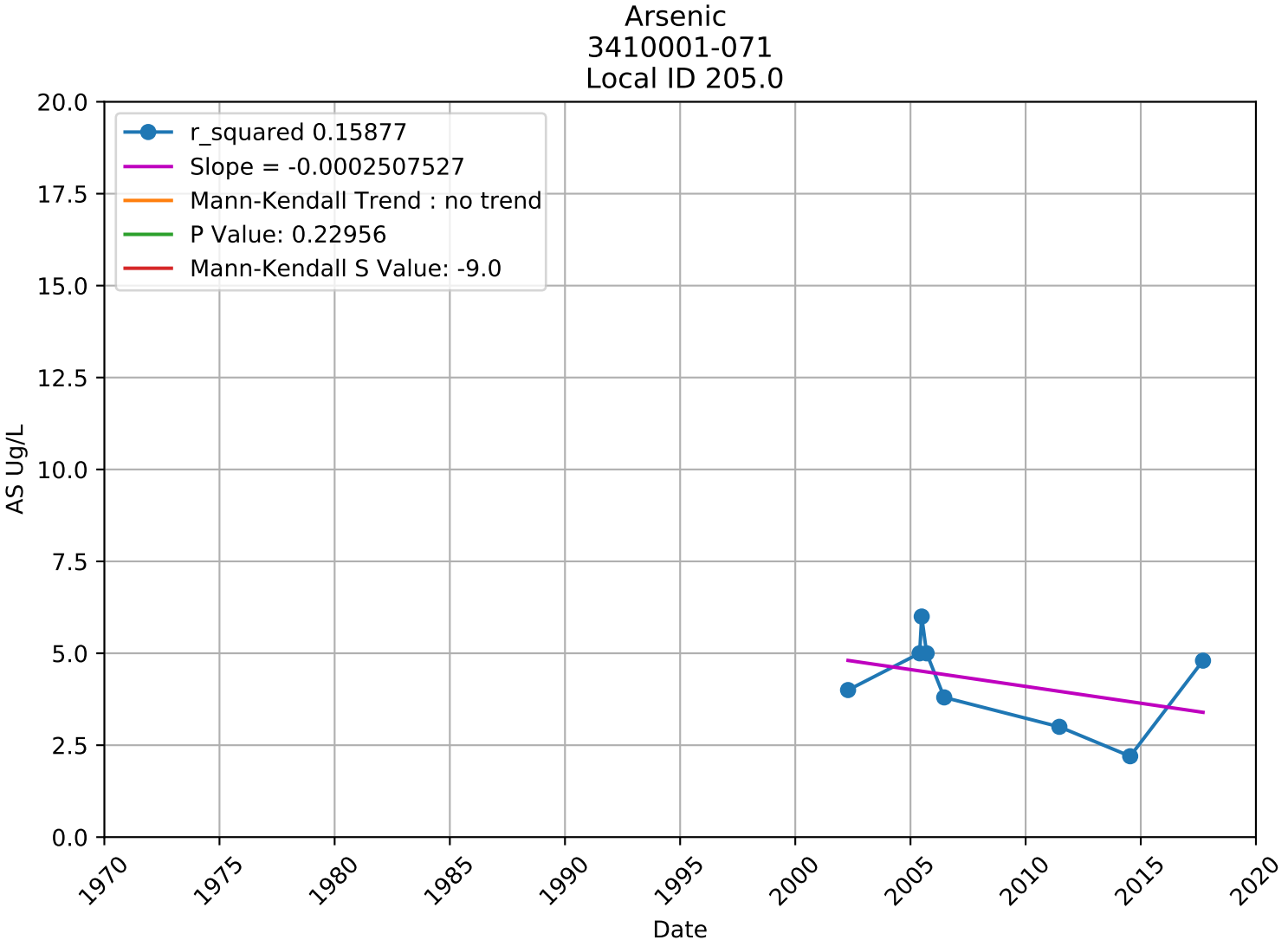

Arsenic
3410001-065
Local ID 13.0
r_squared 0.00581
Slope = 0.0000487389
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
AS Ug/L
Date
20.0
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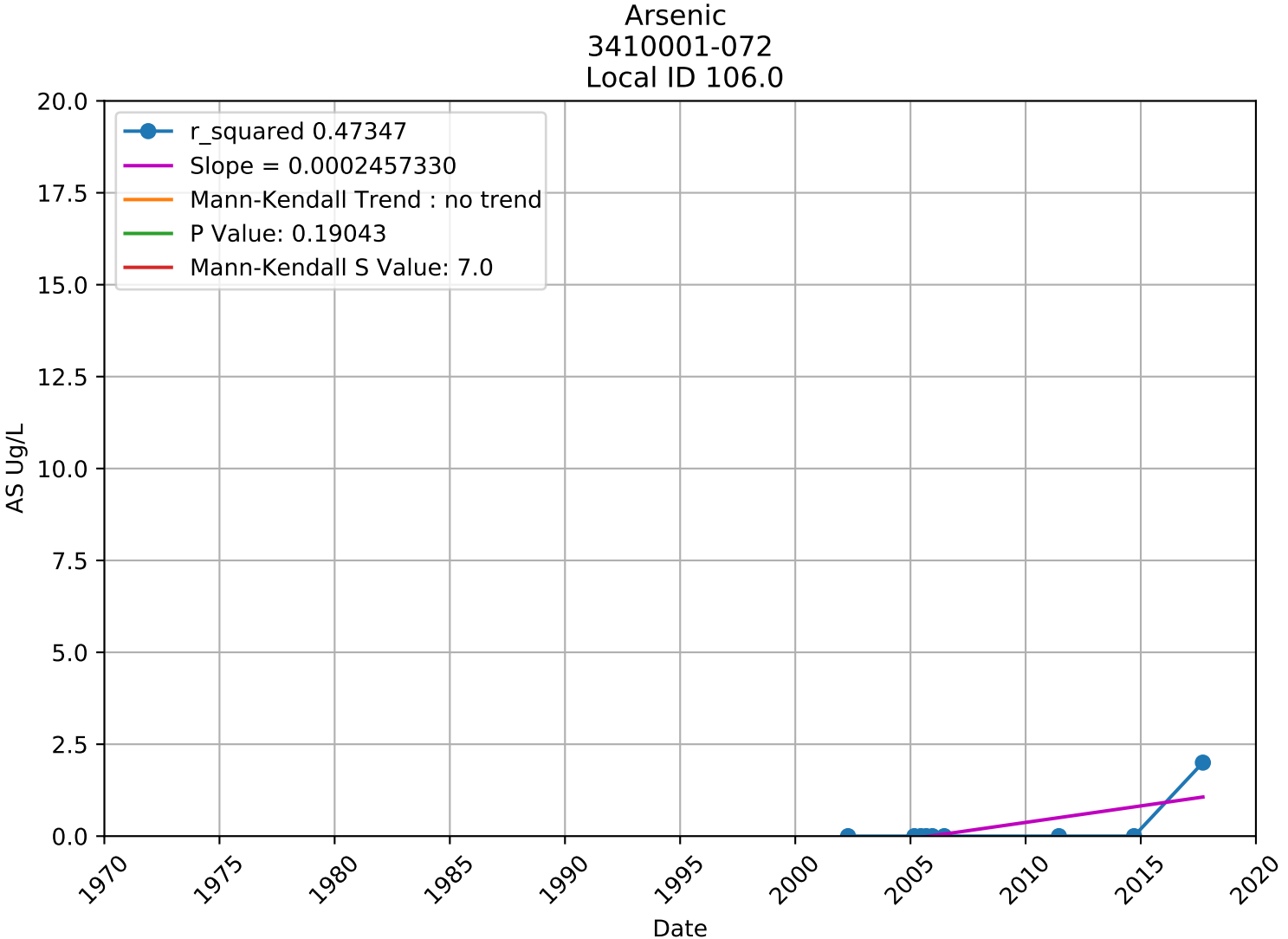

Arsenic
3410001-066
Local ID 4.0
r_squared 0.00285
Slope = -0.0000318177
Mann-Kendall Trend : no trend
P Value: 0.37796
Mann-Kendall S Value: -9.0
AS Ug/L
Date
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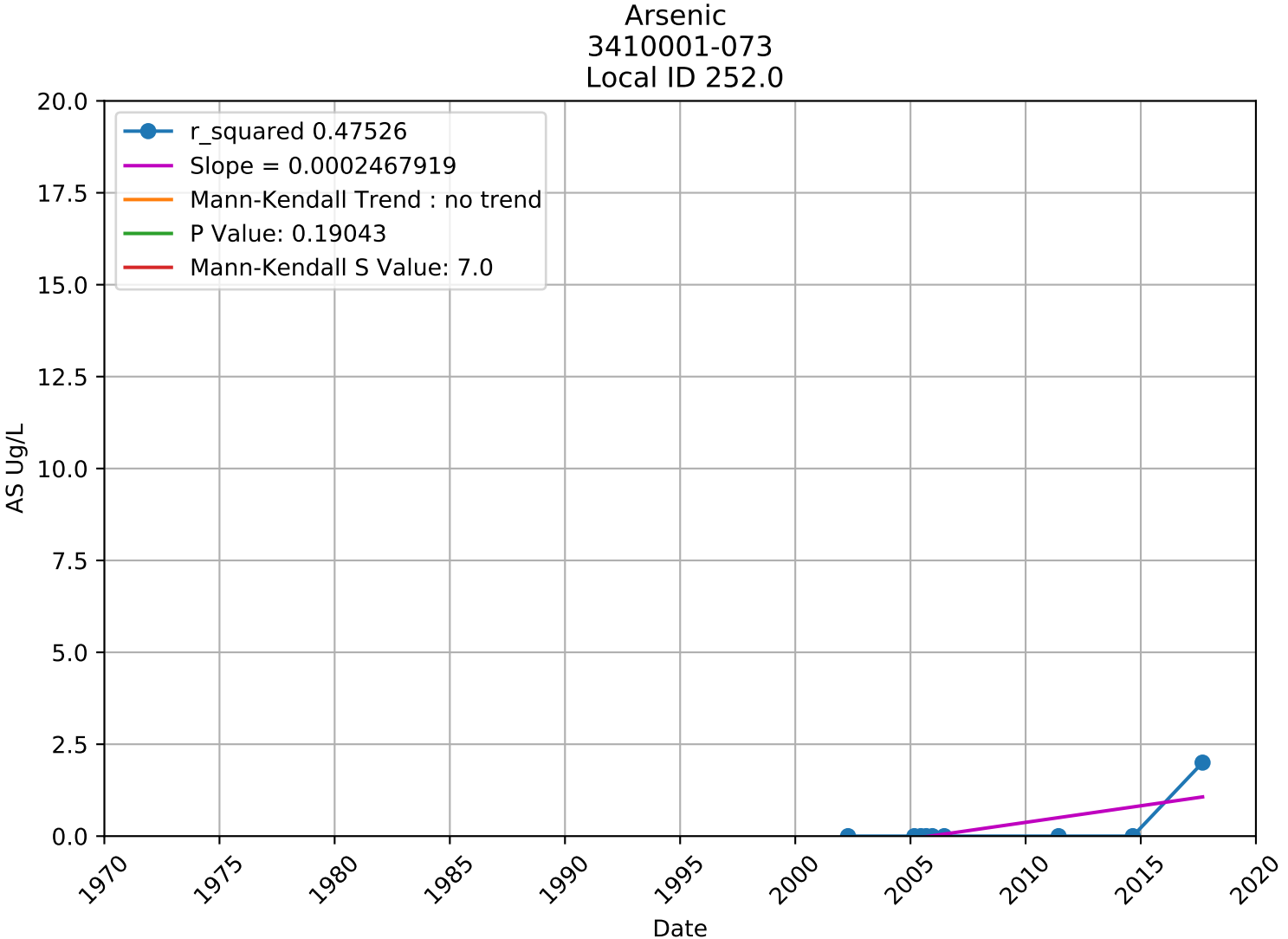

Arsenic
3410001-067
Local ID 2.0
r_squared 0.03025
Slope = 0.0002612083
Mann-Kendall Trend : no trend
P Value: 0.46551
Mann-Kendall S Value: -8.0
AS Ug/L
Date
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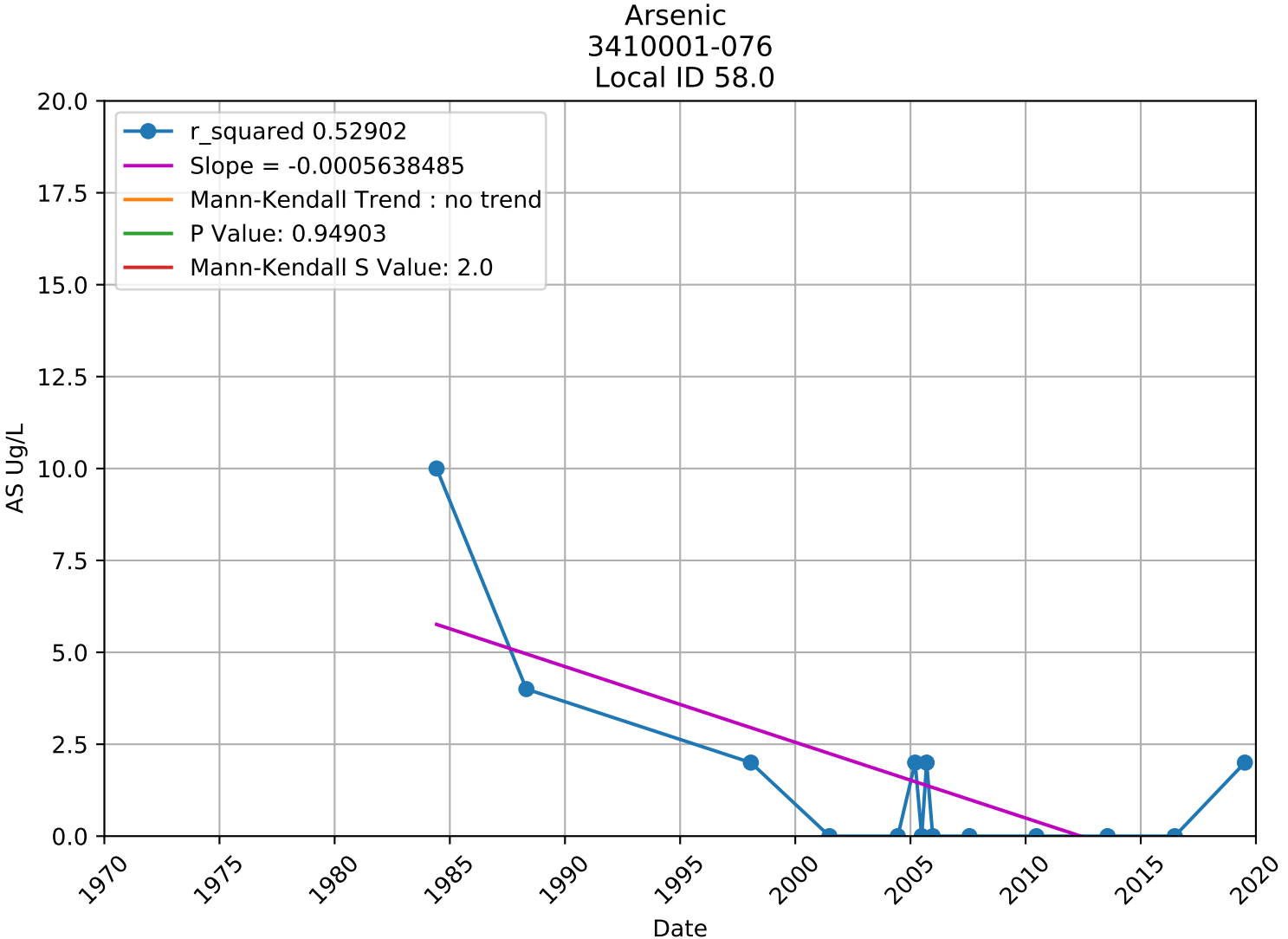

Arsenic
3410001-069
Local ID 225.0
r_squared 0.04635
Slope = -0.0001039807
Mann-Kendall Trend : no trend
P Value: 0.57818
Mann-Kendall S Value: 9.0
AS Ug/L
Date
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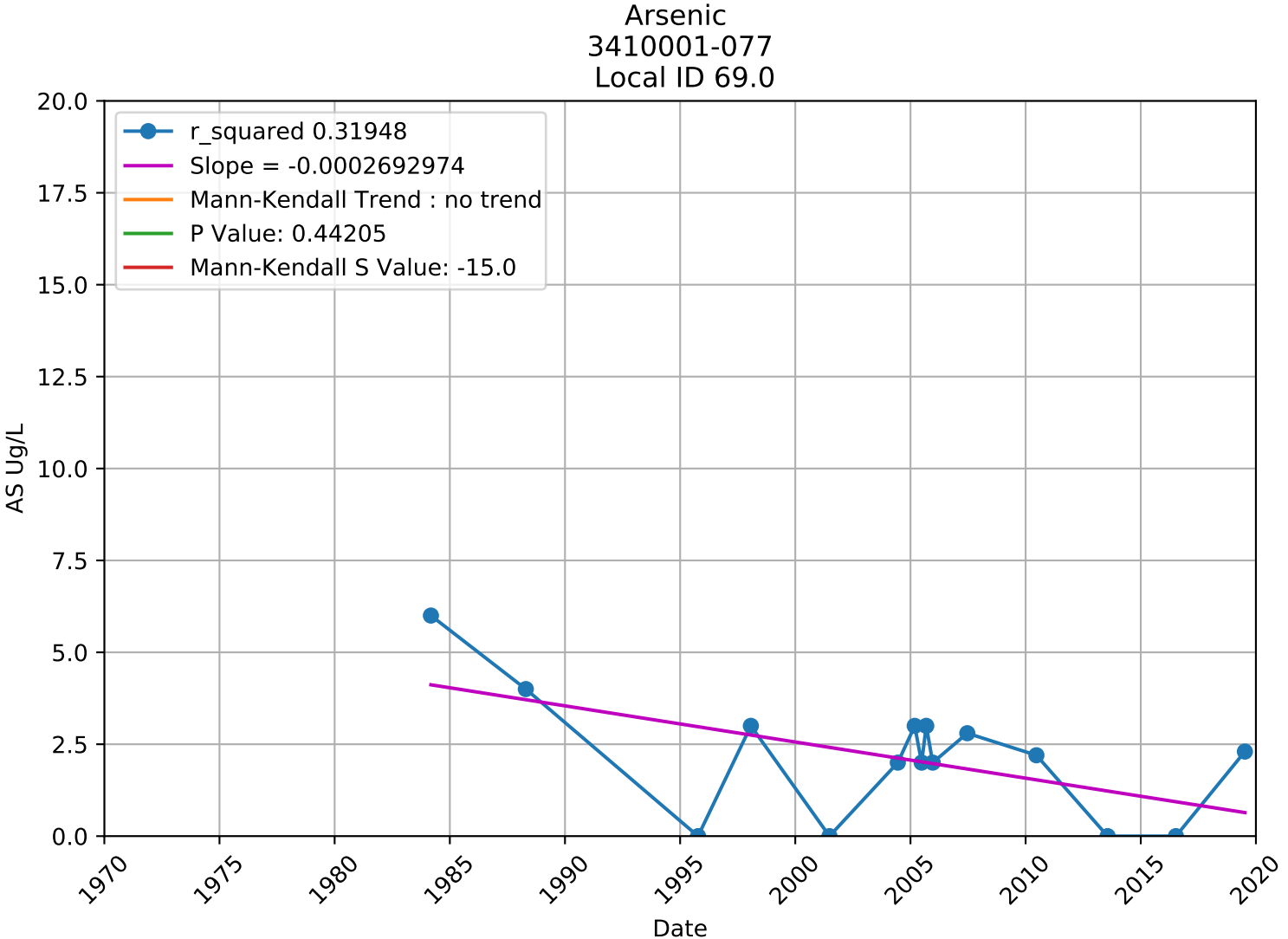

Arsenic
3410001-070
Local ID 255.0
r_squared 0.00090
Slope = -0.0000148591
Mann-Kendall Trend : no trend
P Value: 0.32738
Mann-Kendall S Value: 15.0
AS Ug/L
Date
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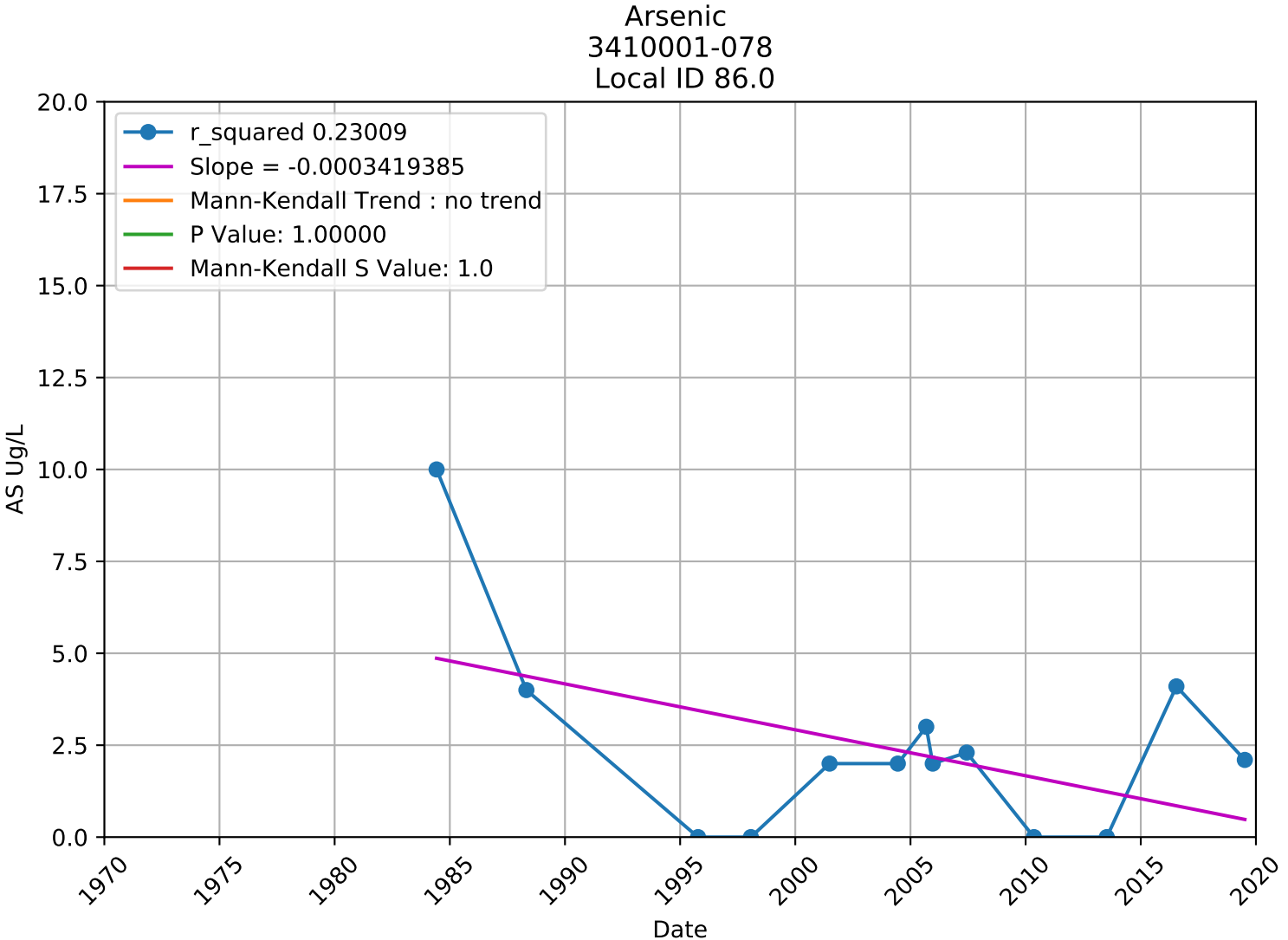

Arsenic
3410001-071
Local ID 205.0
r_squared 0.15877
Slope = -0.0002507527
Mann-Kendall Trend : no trend
P Value: 0.22956
Mann-Kendall S Value: -9.0
AS Ug/L
Date
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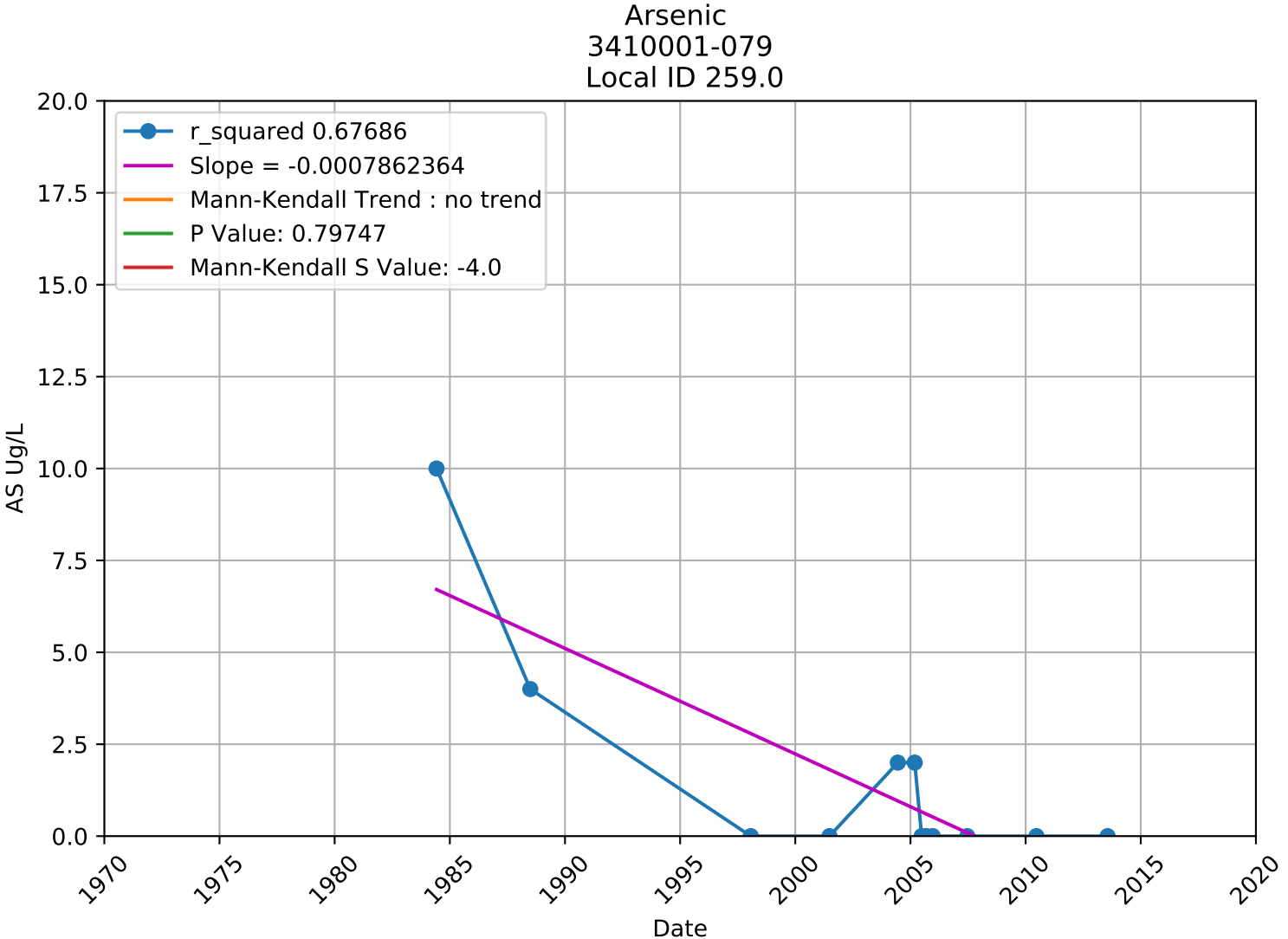

Arsenic
3410001-072
Local ID 106.0
r_squared 0.47347
Slope = 0.0002457330
Mann-Kendall Trend : no trend
P Value: 0.19043
Mann-Kendall S Value: 7.0
AS Ug/L
Date
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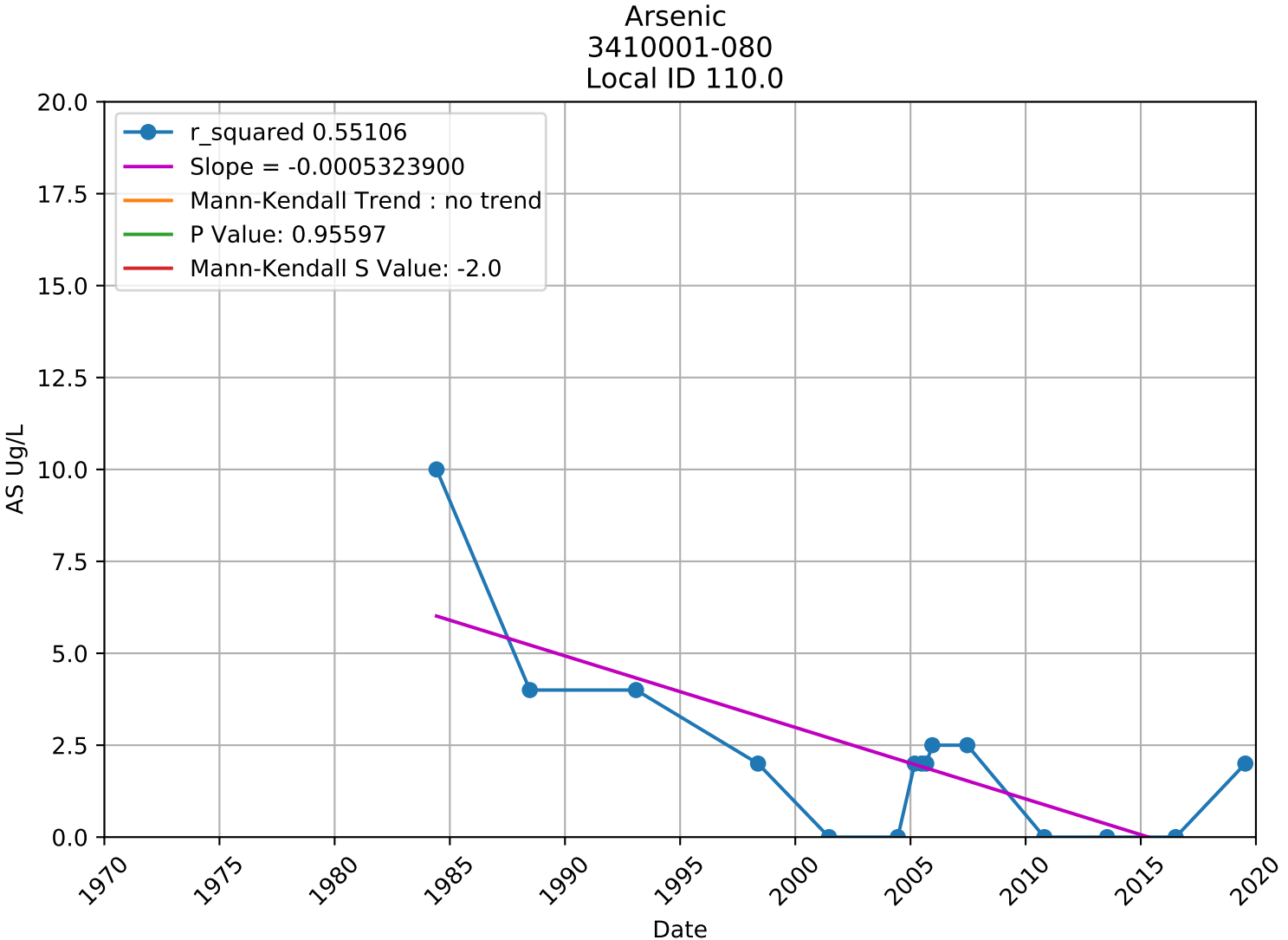

Arsenic
3410001-073
Local ID 252.0
r_squared 0.47526
Slope = 0.0002467919
Mann-Kendall Trend : no trend
P Value: 0.19043
Mann-Kendall S Value: 7.0
AS Ug/L
Date
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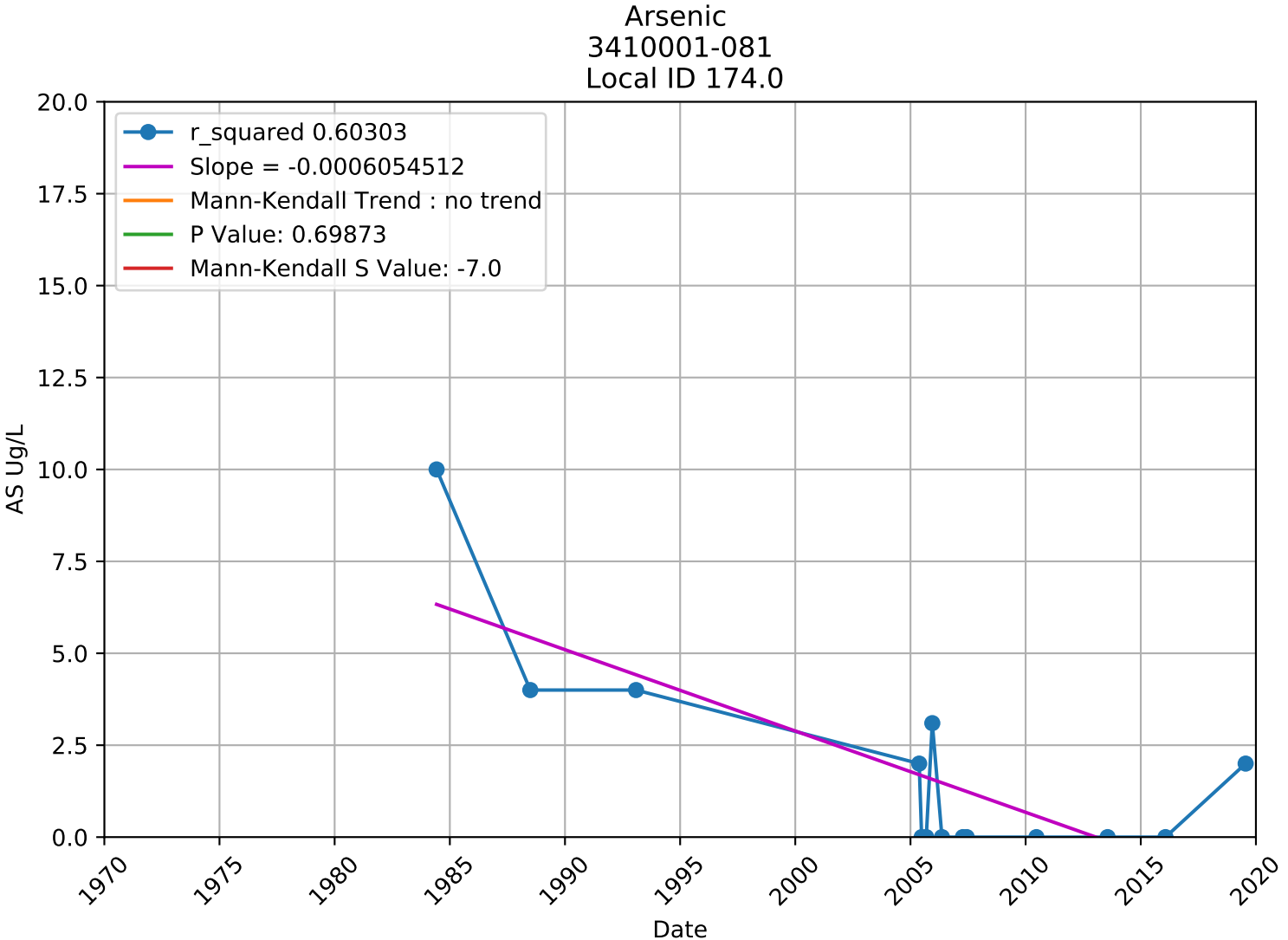

Arsenic
3410001-076
Local ID 58.0
r_squared 0.52902
Slope = -0.0005638485
Mann-Kendall Trend : no trend
P Value: 0.94903
Mann-Kendall S Value: 2.0
AS Ug/L
Date
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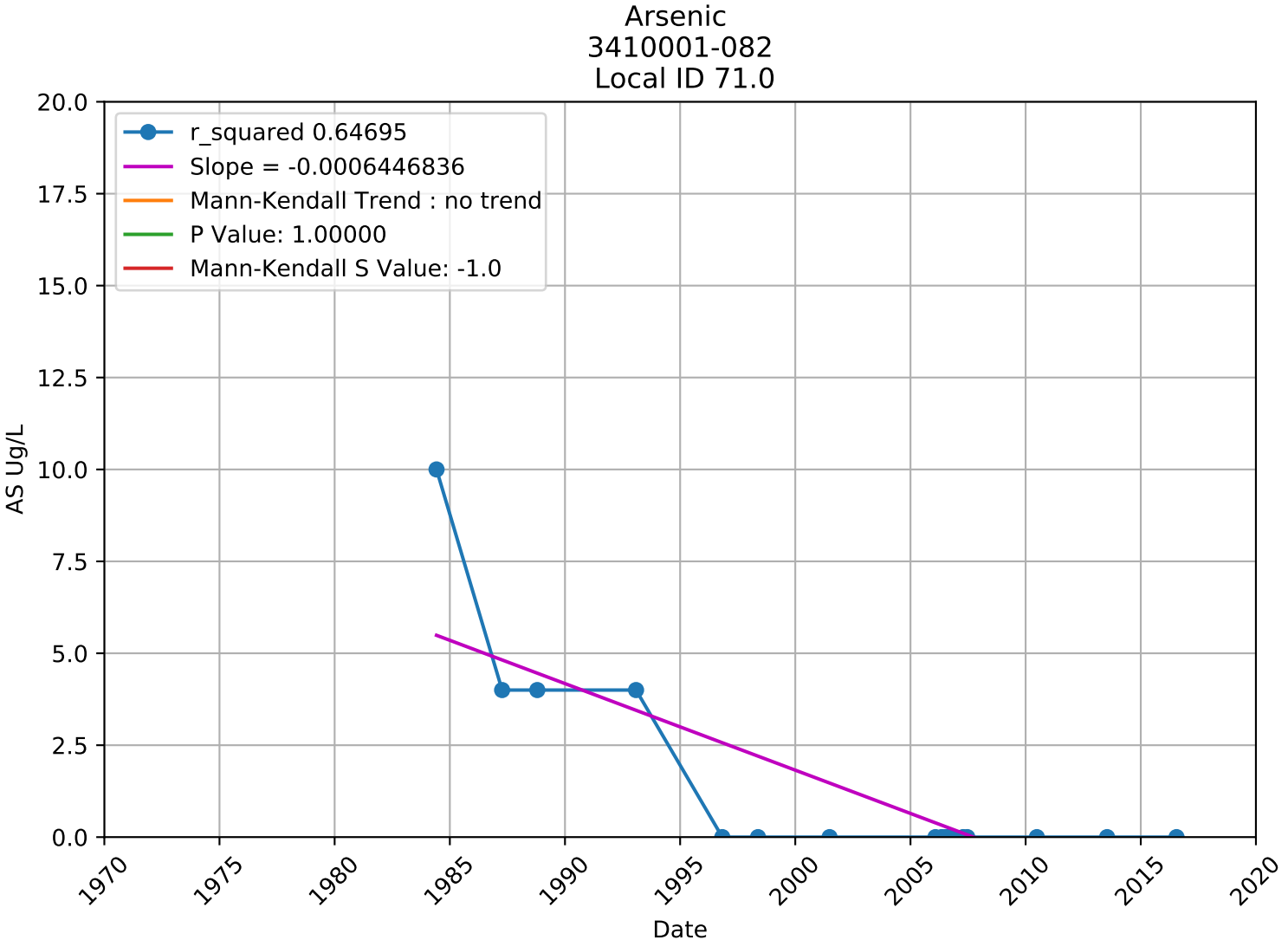

Arsenic
3410001-077
Local ID 69.0
r_squared 0.31948
Slope = -0.0002692974
Mann-Kendall Trend : no trend
P Value: 0.44205
Mann-Kendall S Value: -15.0
AS Ug/L
Date
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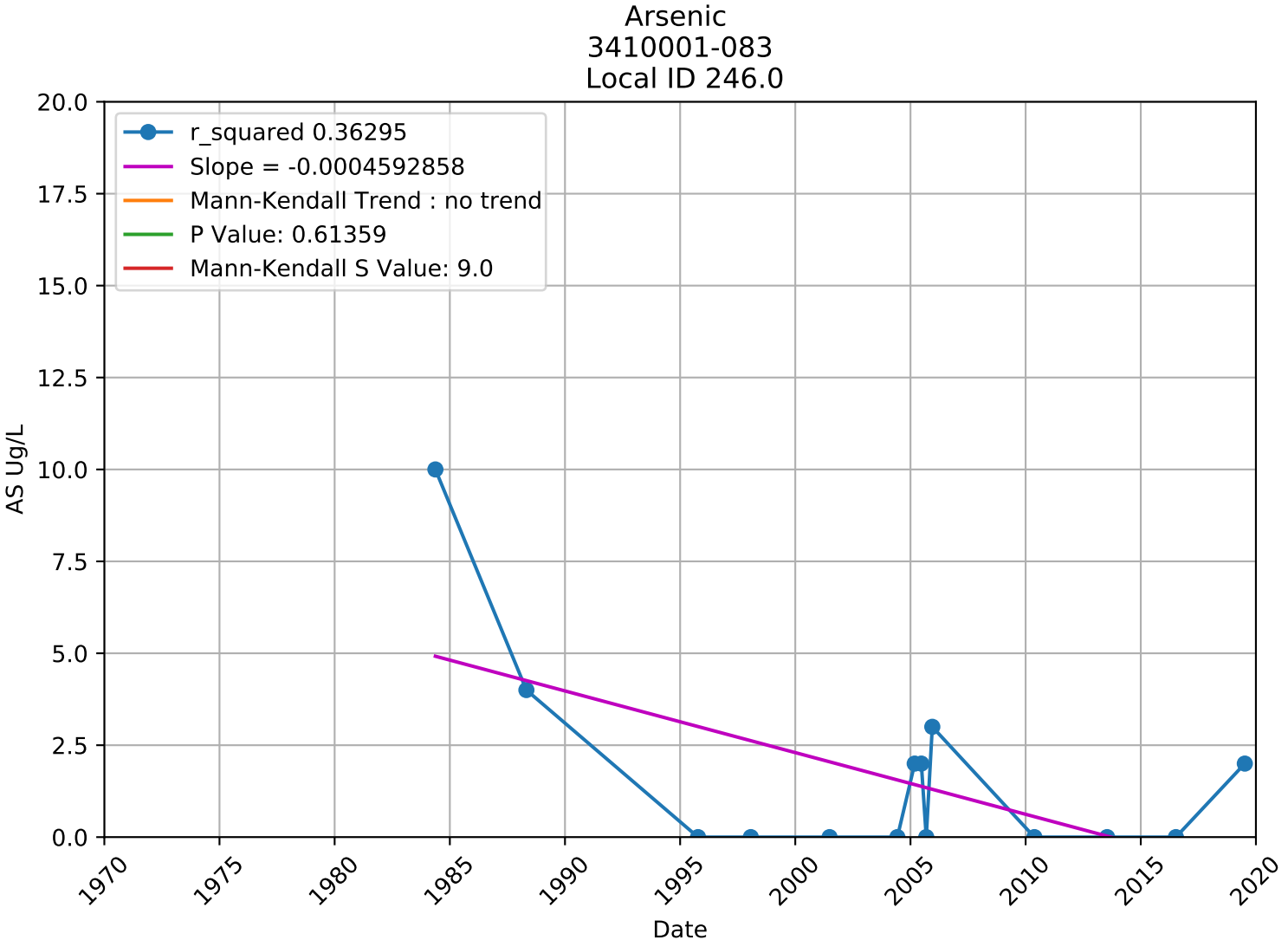

Arsenic
3410001-078
Local ID 86.0
r_squared 0.23009
Slope = -0.0003419385
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
AS Ug/L
Date
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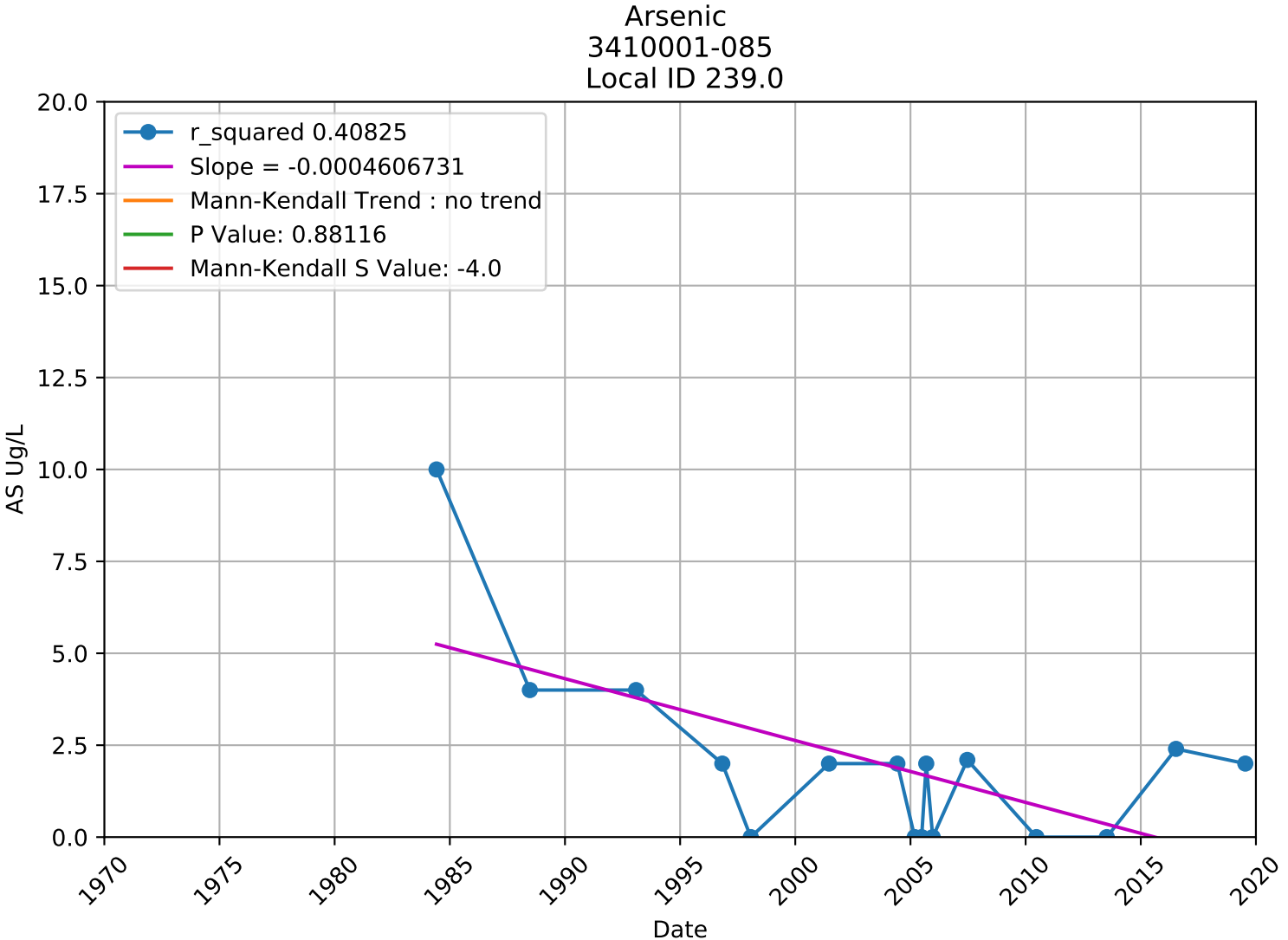

Arsenic
3410001-079
Local ID 259.0
r_squared 0.67686
Slope = -0.0007862364
Mann-Kendall Trend : no trend
P Value: 0.79747
Mann-Kendall S Value: -4.0
AS Ug/L
Date
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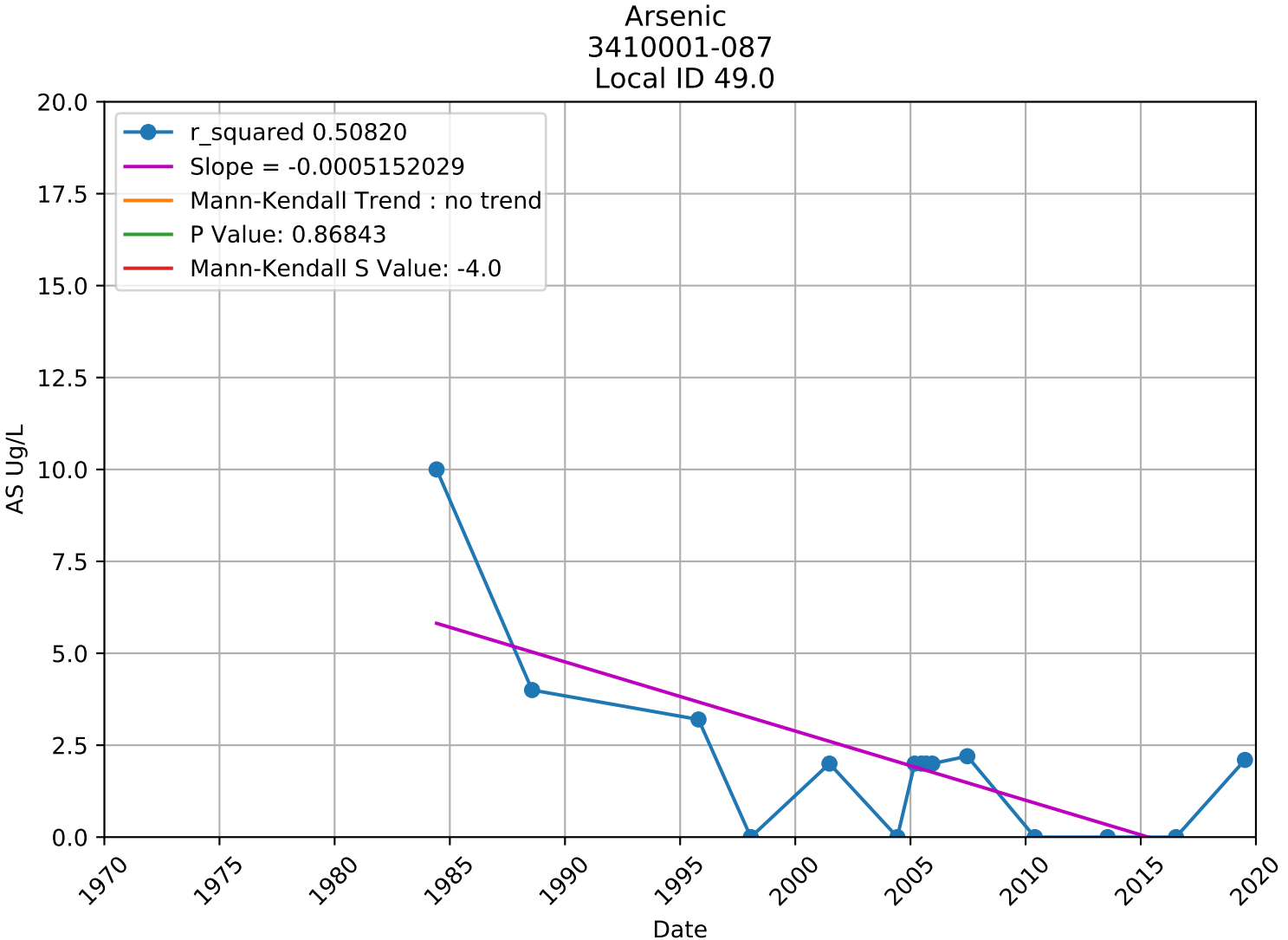

Arsenic
3410001-080
Local ID 110.0
r_squared 0.55106
Slope = -0.0005323900
Mann-Kendall Trend : no trend
P Value: 0.95597
Mann-Kendall S Value: -2.0
AS Ug/L
Date
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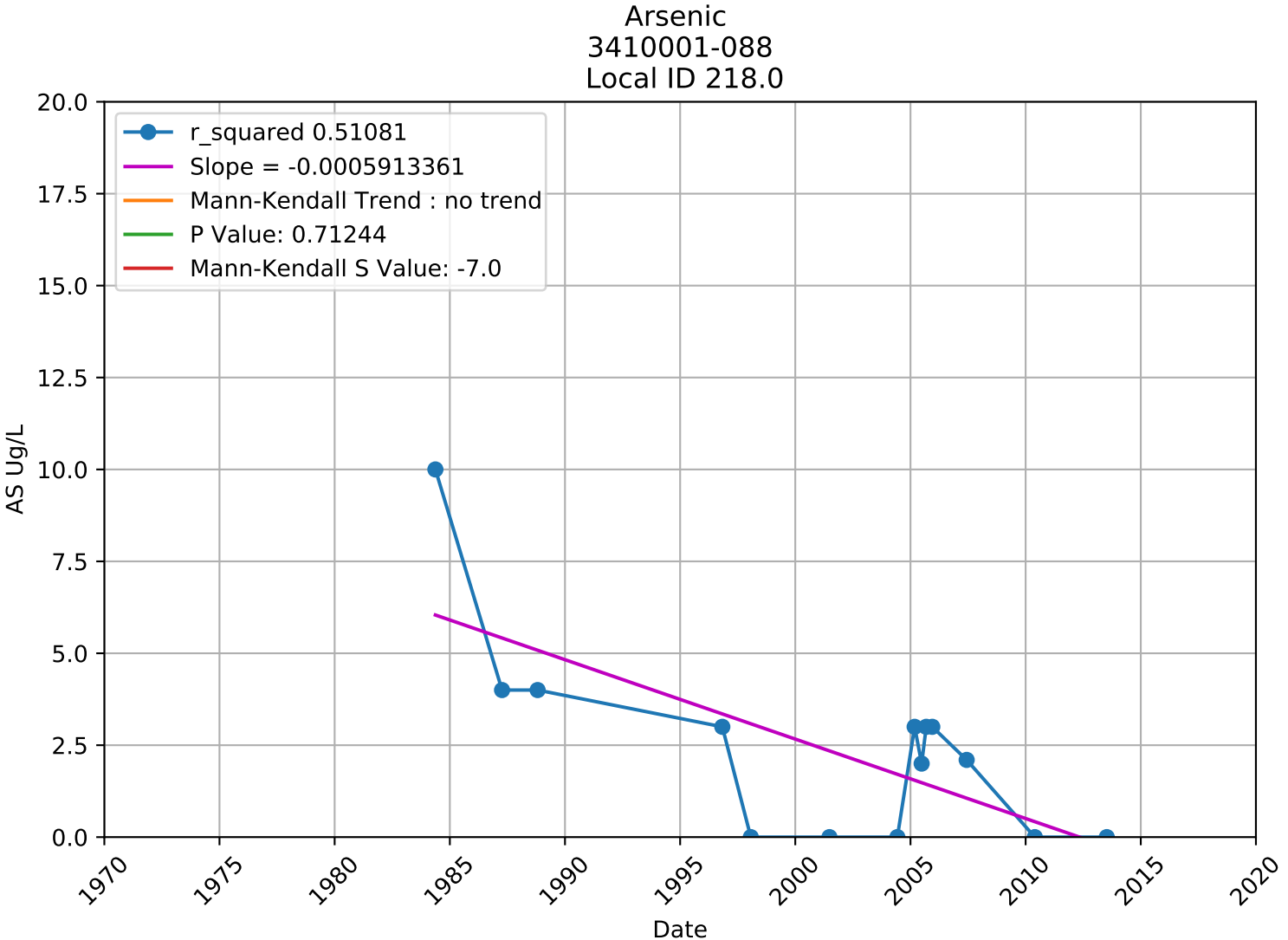

Arsenic
3410001-081
Local ID 174.0
r_squared 0.60303
Slope = -0.0006054512
Mann-Kendall Trend : no trend
P Value: 0.69873
Mann-Kendall S Value: -7.0
AS Ug/L
Date
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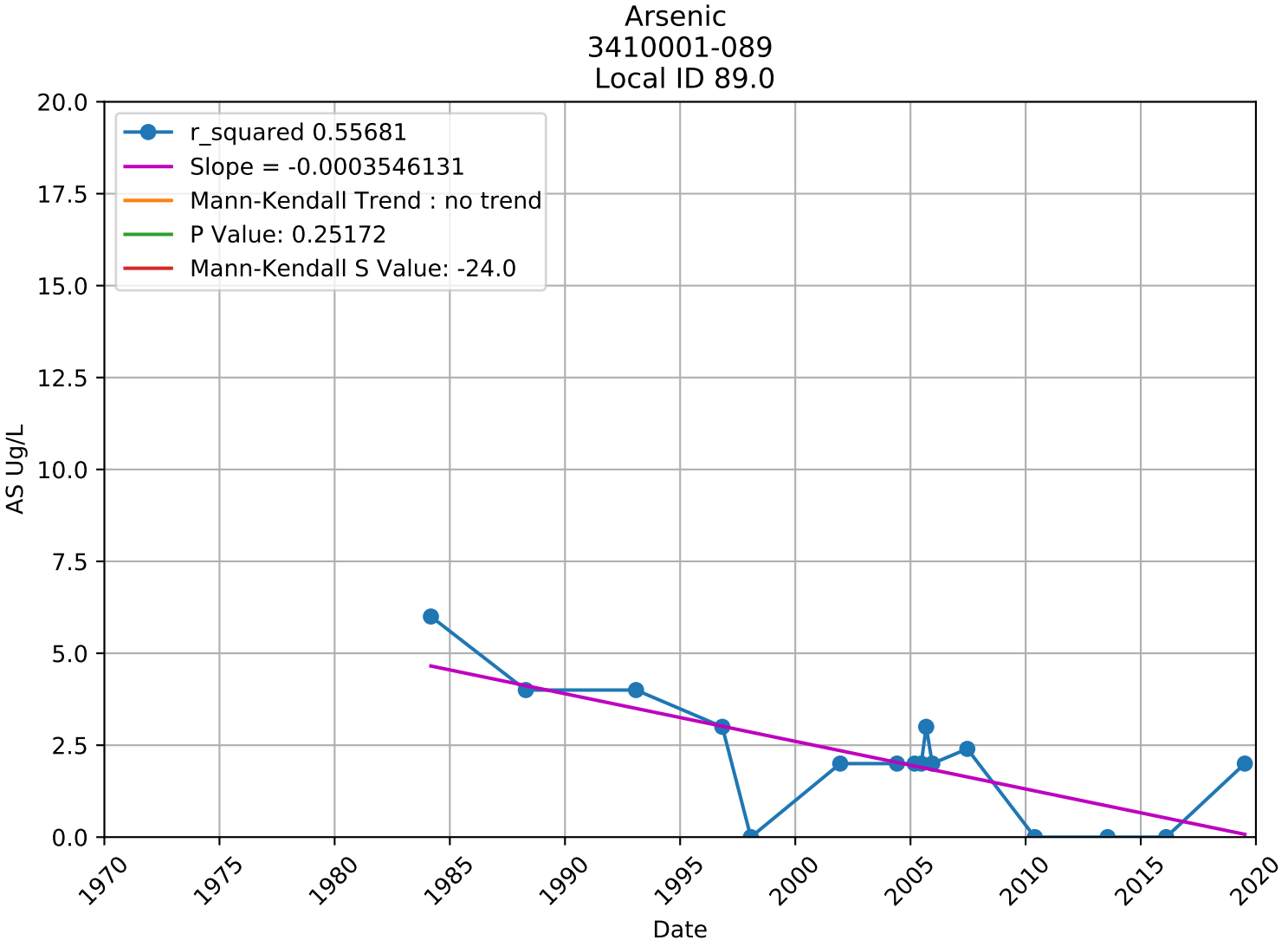

Arsenic
3410001-082
Local ID 71.0
r_squared 0.64695
Slope = -0.0006446836
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
AS Ug/L
Date
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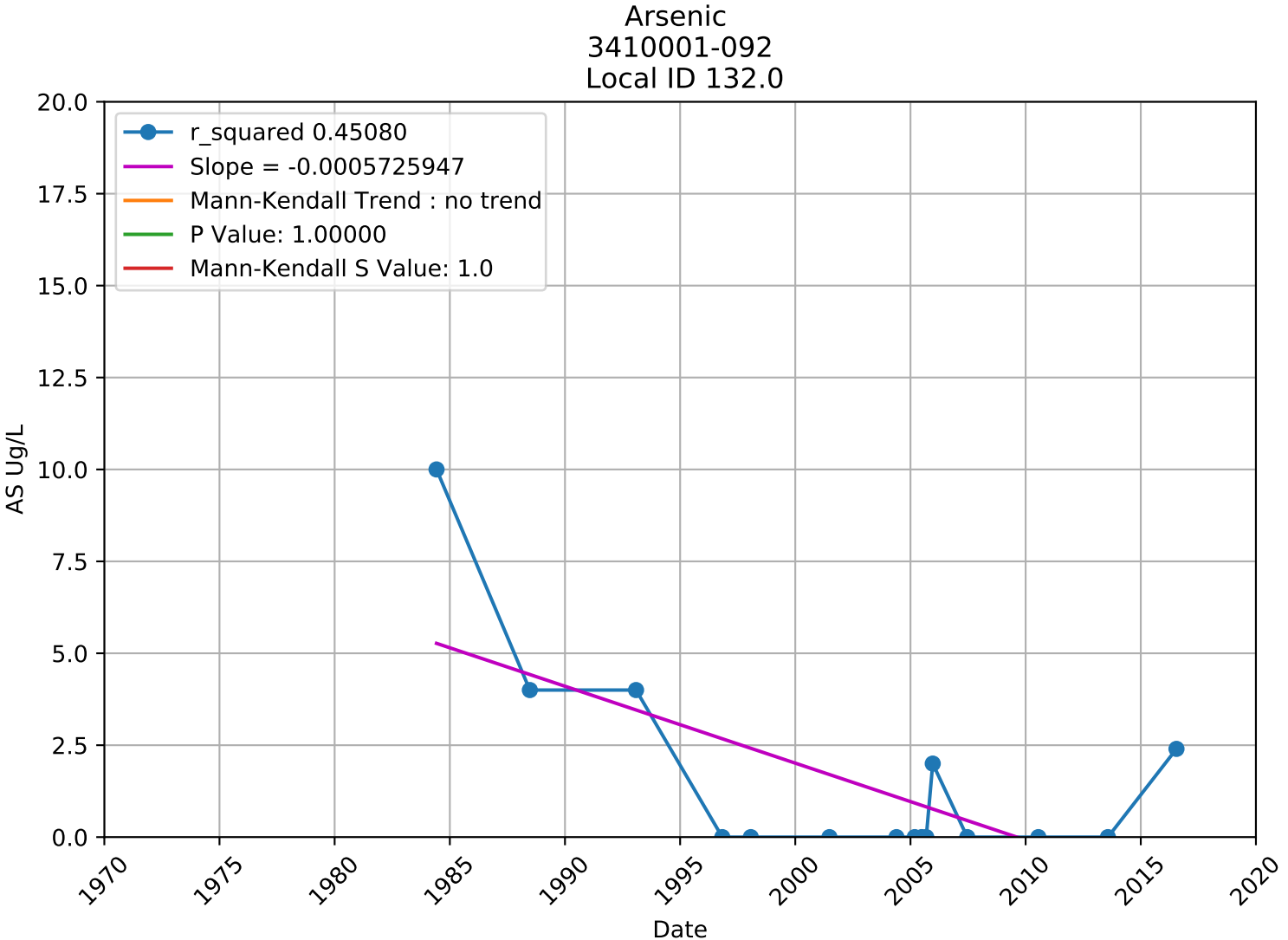

Arsenic
3410001-083
Local ID 246.0
r_squared 0.36295
Slope = -0.0004592858
Mann-Kendall Trend : no trend
P Value: 0.61359
Mann-Kendall S Value: 9.0
AS Ug/L
Date
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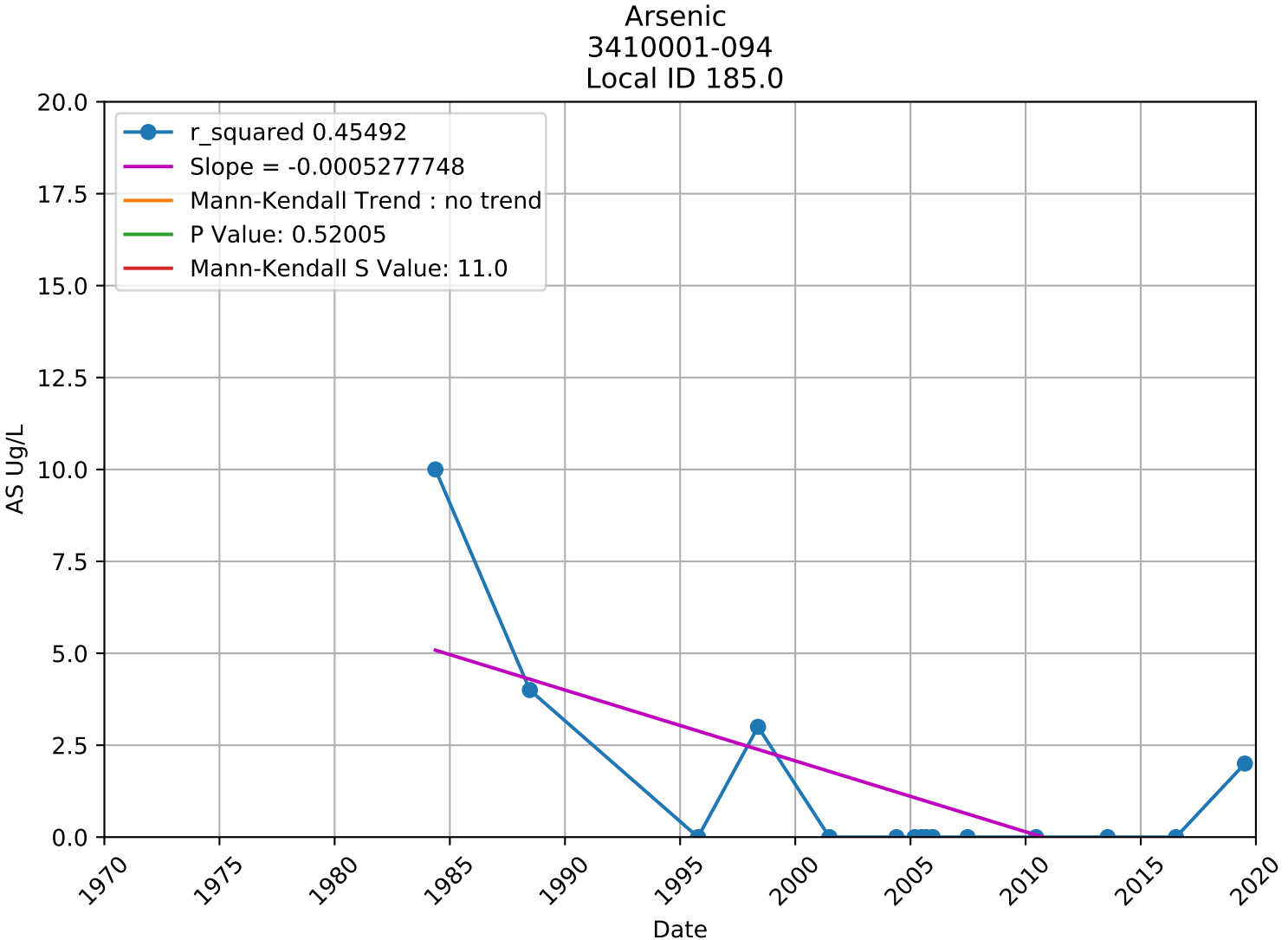

Arsenic
3410001-085
Local ID 239.0
r_squared 0.40825
Slope = -0.0004606731
Mann-Kendall Trend : no trend
P Value: 0.88116
Mann-Kendall S Value: -4.0
AS Ug/L
Date
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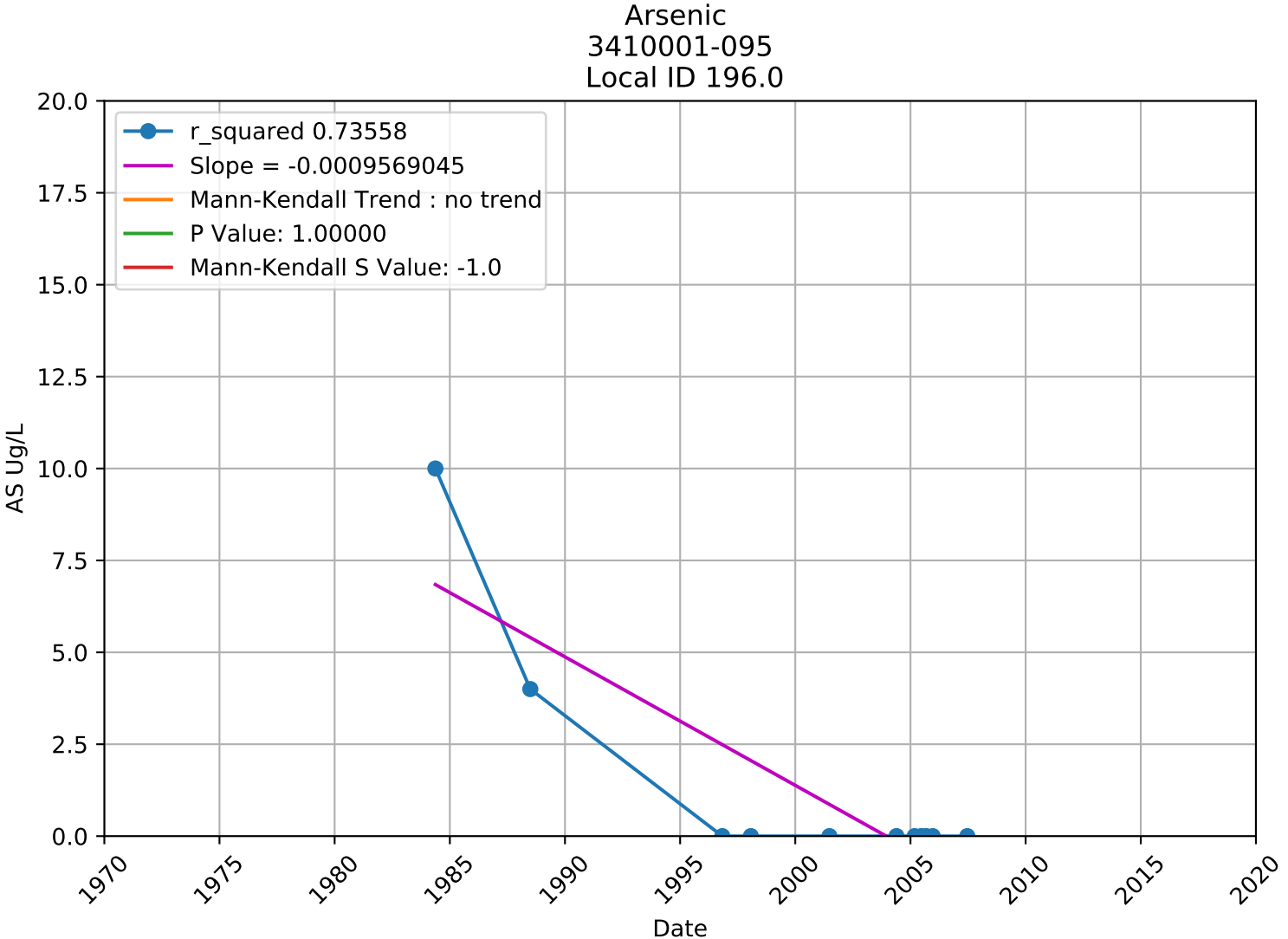

Arsenic
3410001-087
Local ID 49.0
r_squared 0.50820
Slope = -0.0005152029
Mann-Kendall Trend : no trend
P Value: 0.86843
Mann-Kendall S Value: -4.0
AS Ug/L
Date
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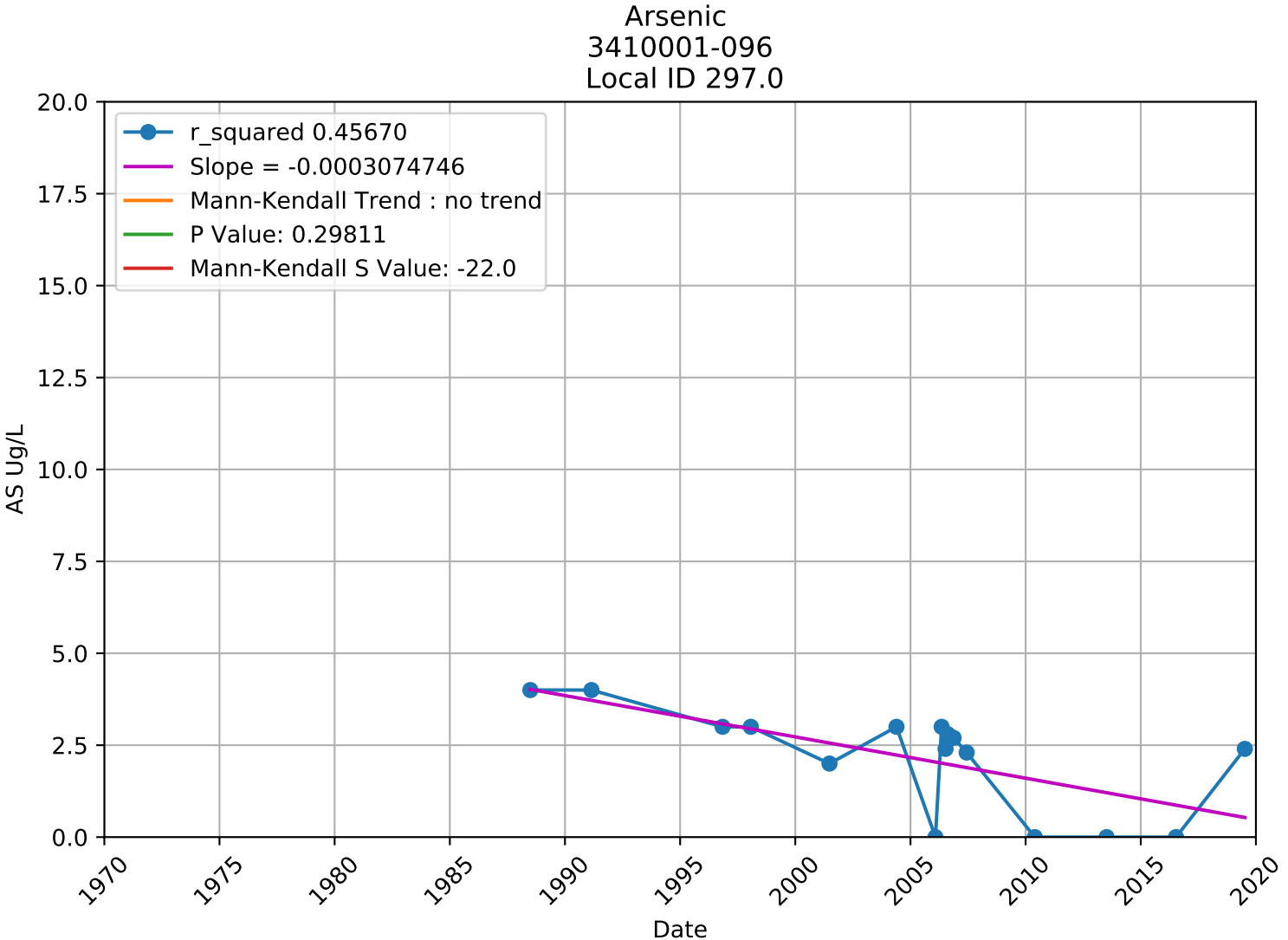

Arsenic
3410001-088
Local ID 218.0
r_squared 0.51081
Slope = -0.0005913361
Mann-Kendall Trend : no trend
P Value: 0.71244
Mann-Kendall S Value: -7.0
AS Ug/L
Date
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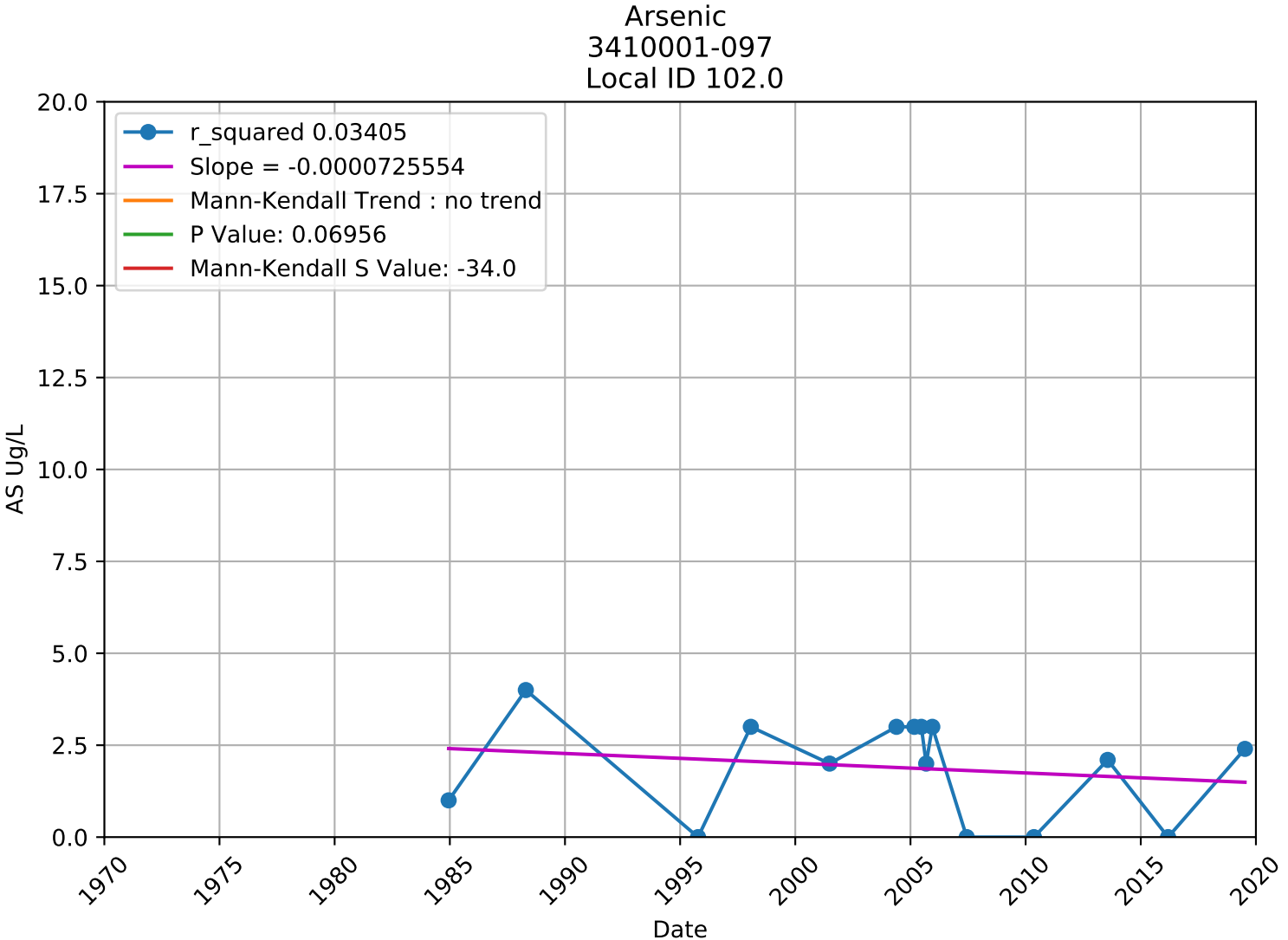

Arsenic
3410001-089
Local ID 89.0
r_squared 0.55681
Slope = -0.0003546131
Mann-Kendall Trend : no trend
P Value: 0.25172
Mann-Kendall S Value: -24.0
AS Ug/L
Date
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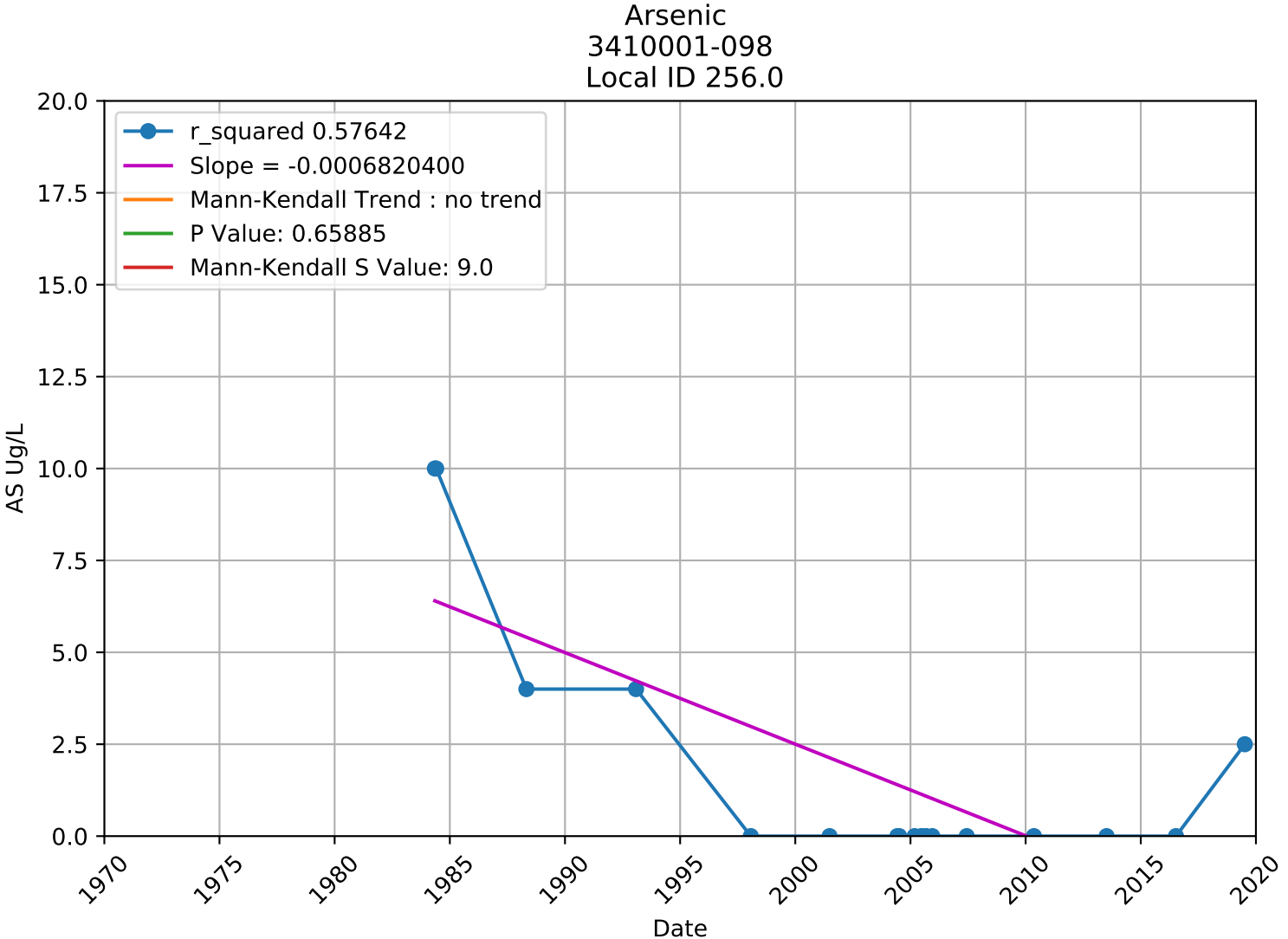

Arsenic
3410001-092
Local ID 132.0
r_squared 0.45080
Slope = -0.0005725947
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
AS Ug/L
Date
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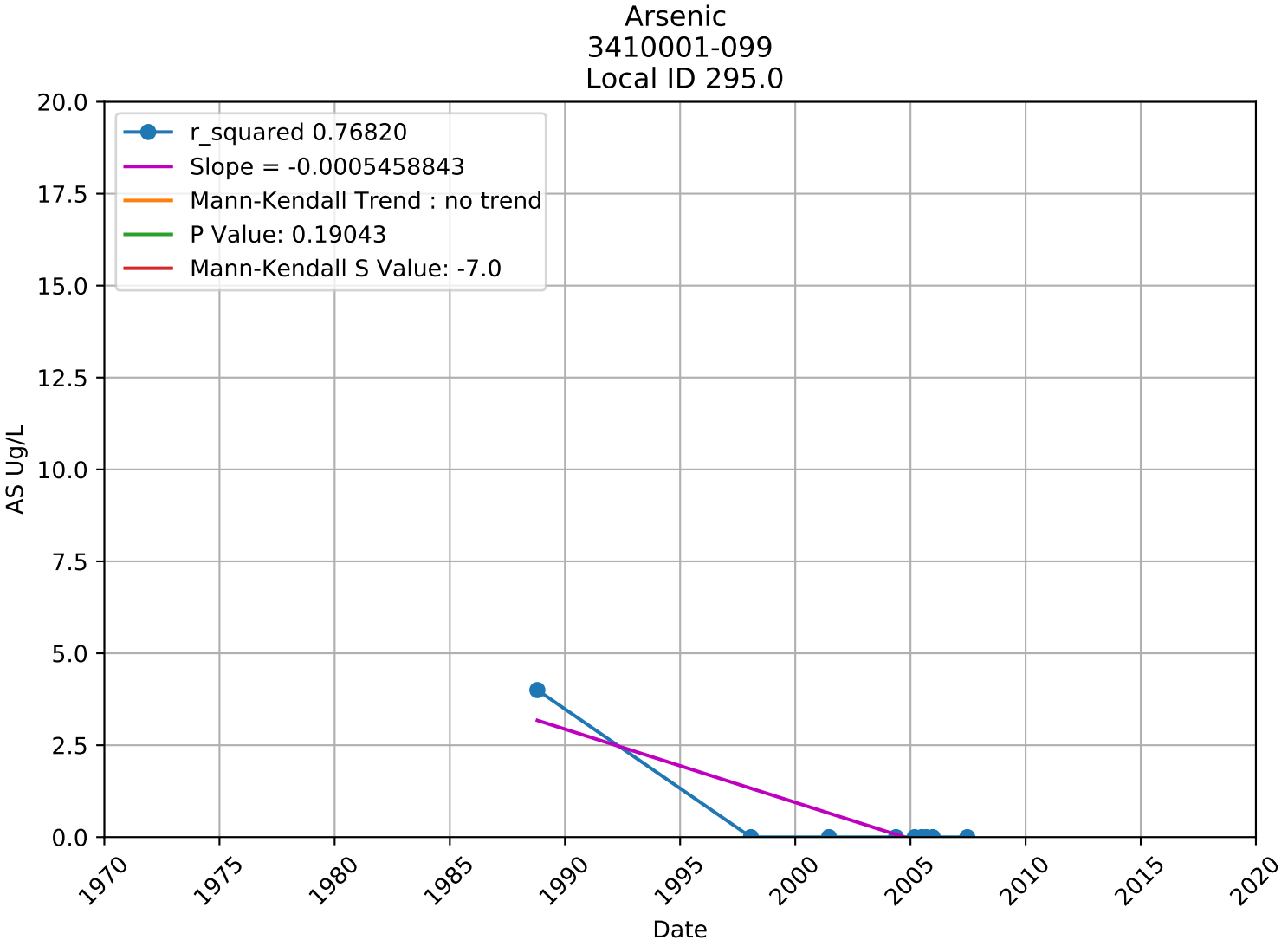

Arsenic
3410001-094
Local ID 185.0
r_squared 0.45492
Slope = -0.0005277748
Mann-Kendall Trend : no trend
P Value: 0.52005
Mann-Kendall S Value: 11.0
AS Ug/L
Date
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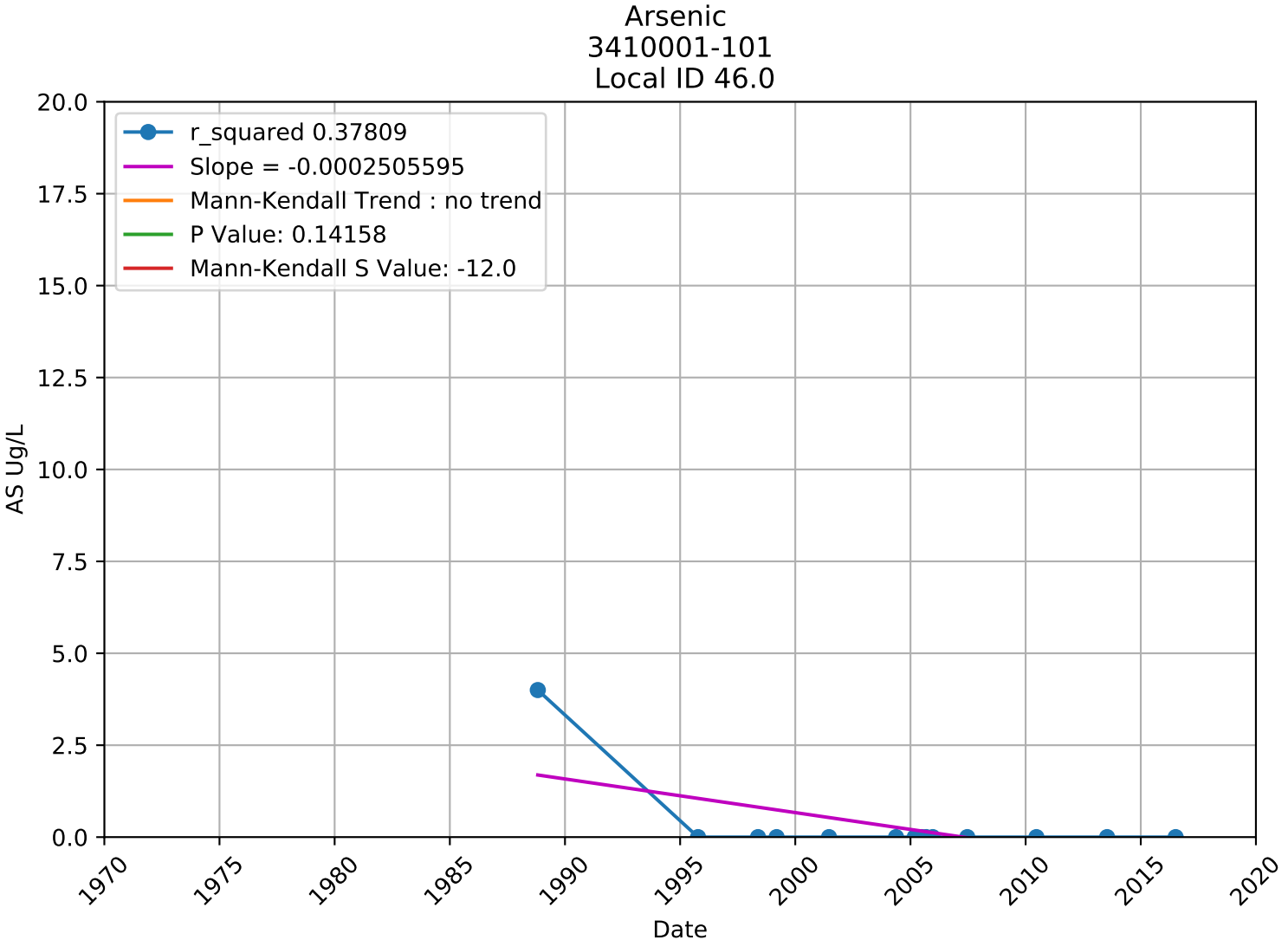

Arsenic
3410001-095
Local ID 196.0
r_squared 0.73558
Slope = -0.0009569045
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
AS Ug/L
Date
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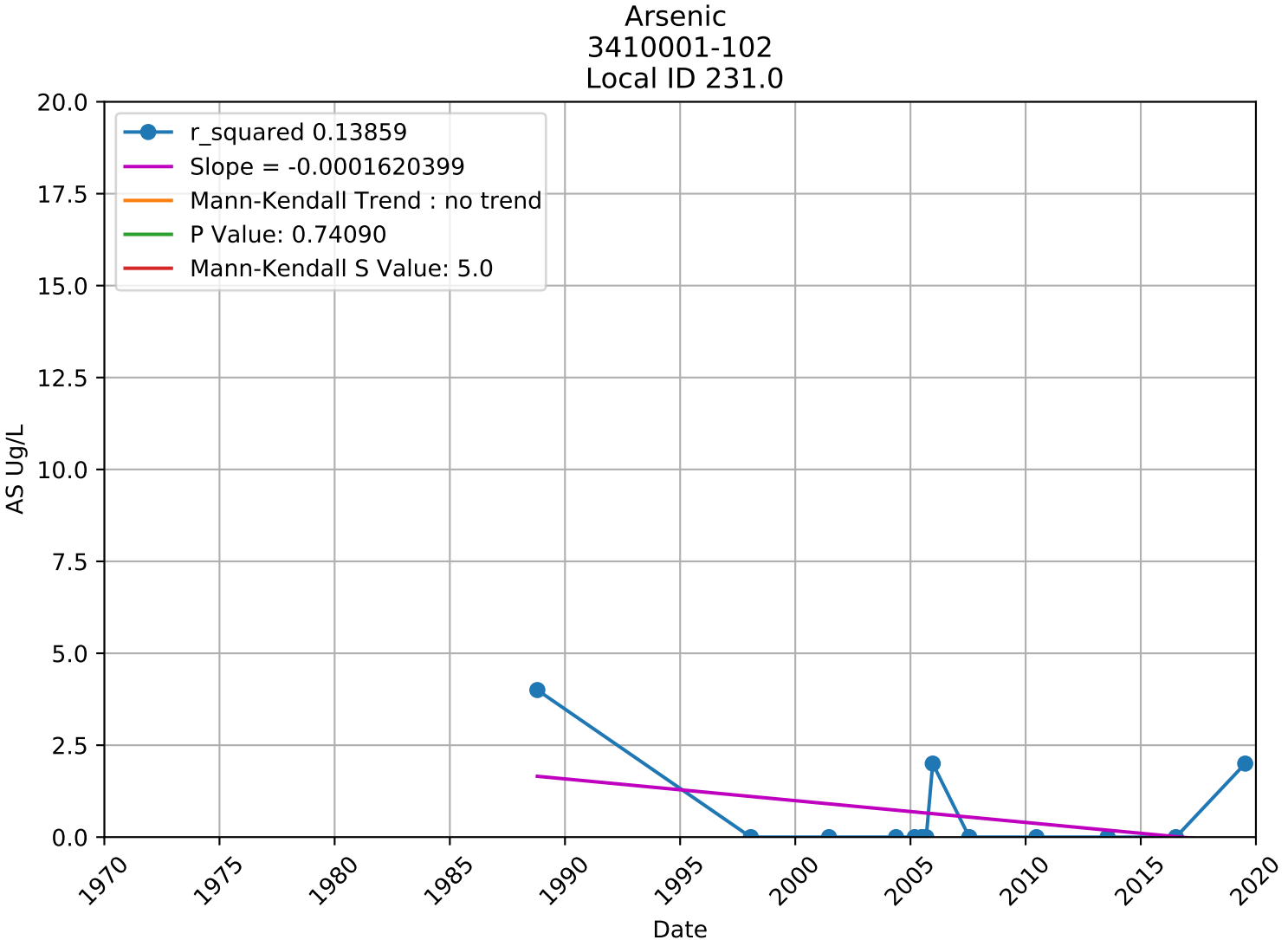

Arsenic
3410001-096
Local ID 297.0
r_squared 0.45670
Slope = -0.0003074746
Mann-Kendall Trend : no trend
P Value: 0.29811
Mann-Kendall S Value: -22.0
AS Ug/L
Date
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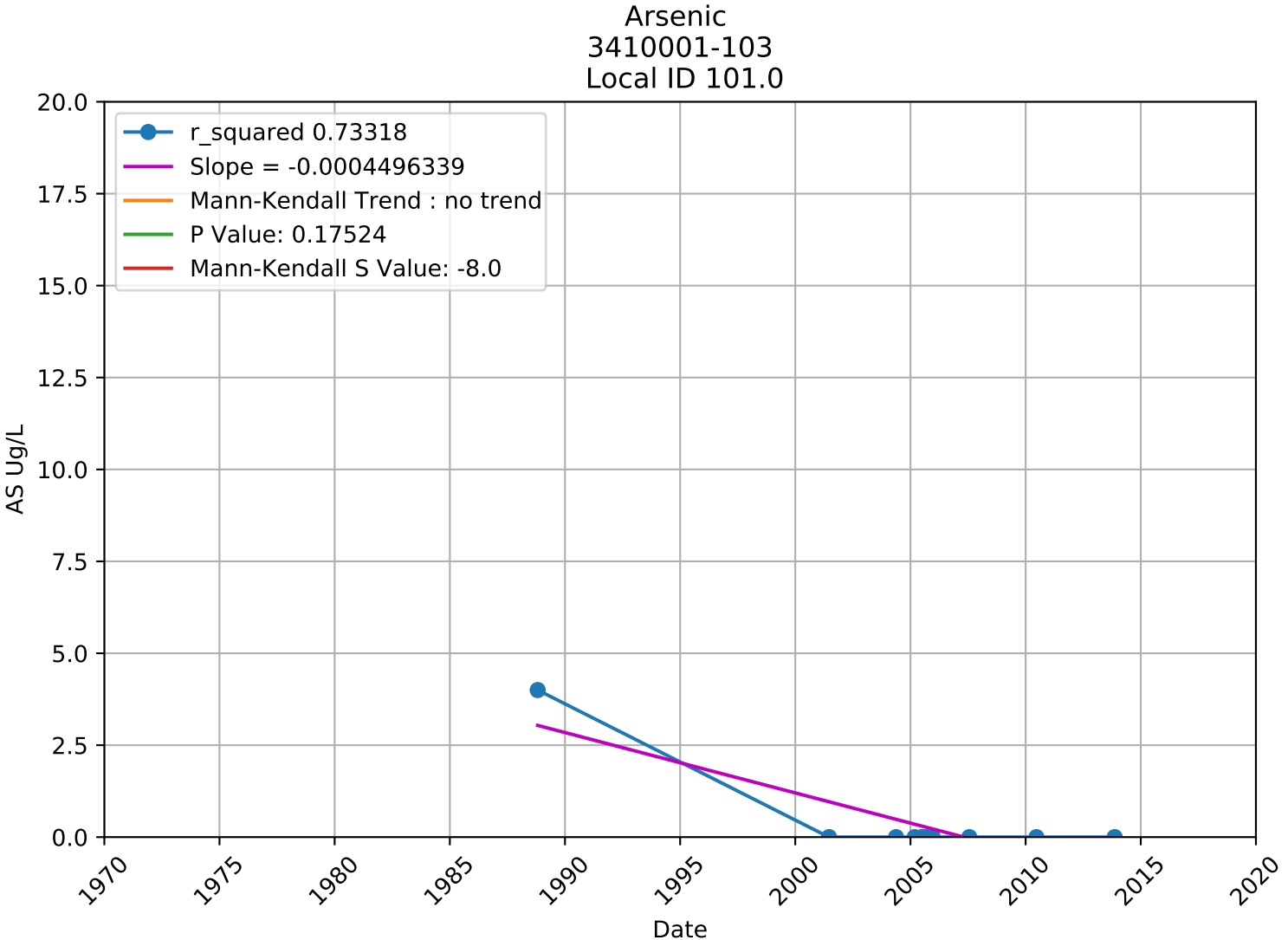

Arsenic
3410001-097
Local ID 102.0
r_squared 0.03405
Slope = -0.0000725554
Mann-Kendall Trend : no trend
P Value: 0.06956
Mann-Kendall S Value: -34.0
AS Ug/L
Date
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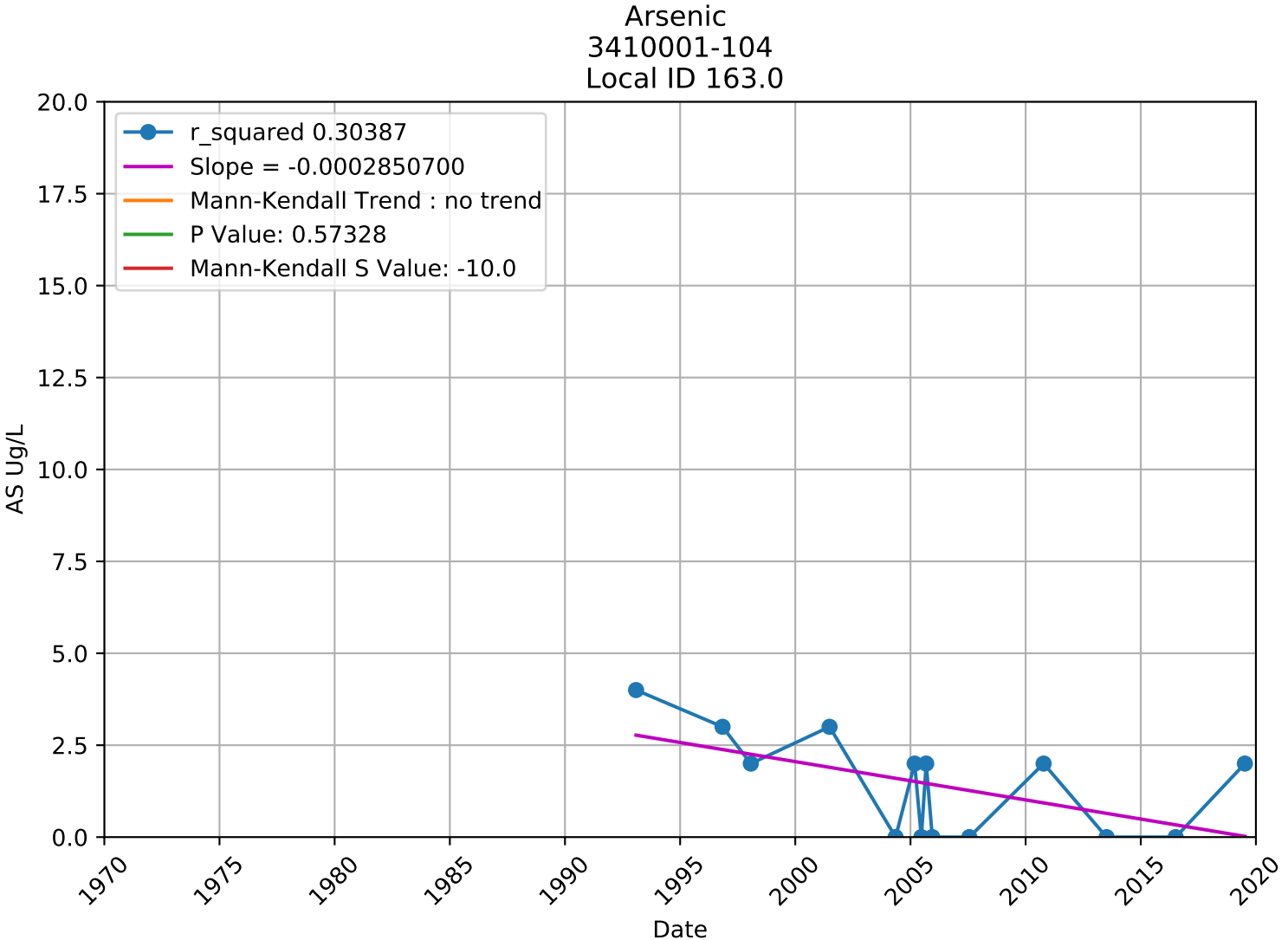

Arsenic
3410001-098
Local ID 256.0
r_squared 0.57642
Slope = -0.0006820400
Mann-Kendall Trend : no trend
P Value: 0.65885
Mann-Kendall S Value: 9.0
AS Ug/L
Date
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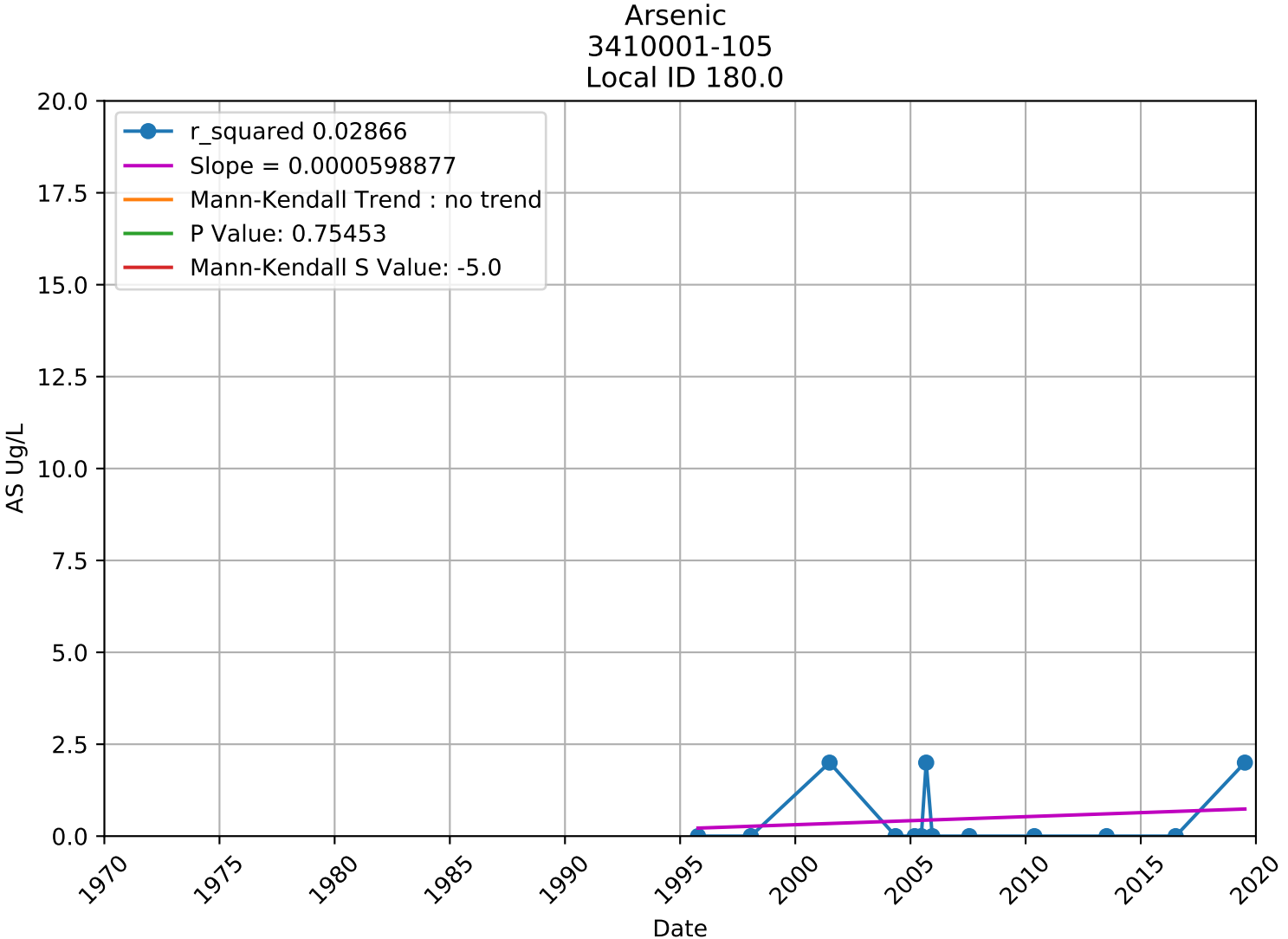

Arsenic
3410001-099
Local ID 295.0
r_squared 0.76820
Slope = -0.0005458843
Mann-Kendall Trend : no trend
P Value: 0.19043
Mann-Kendall S Value: -7.0
AS Ug/L
Date
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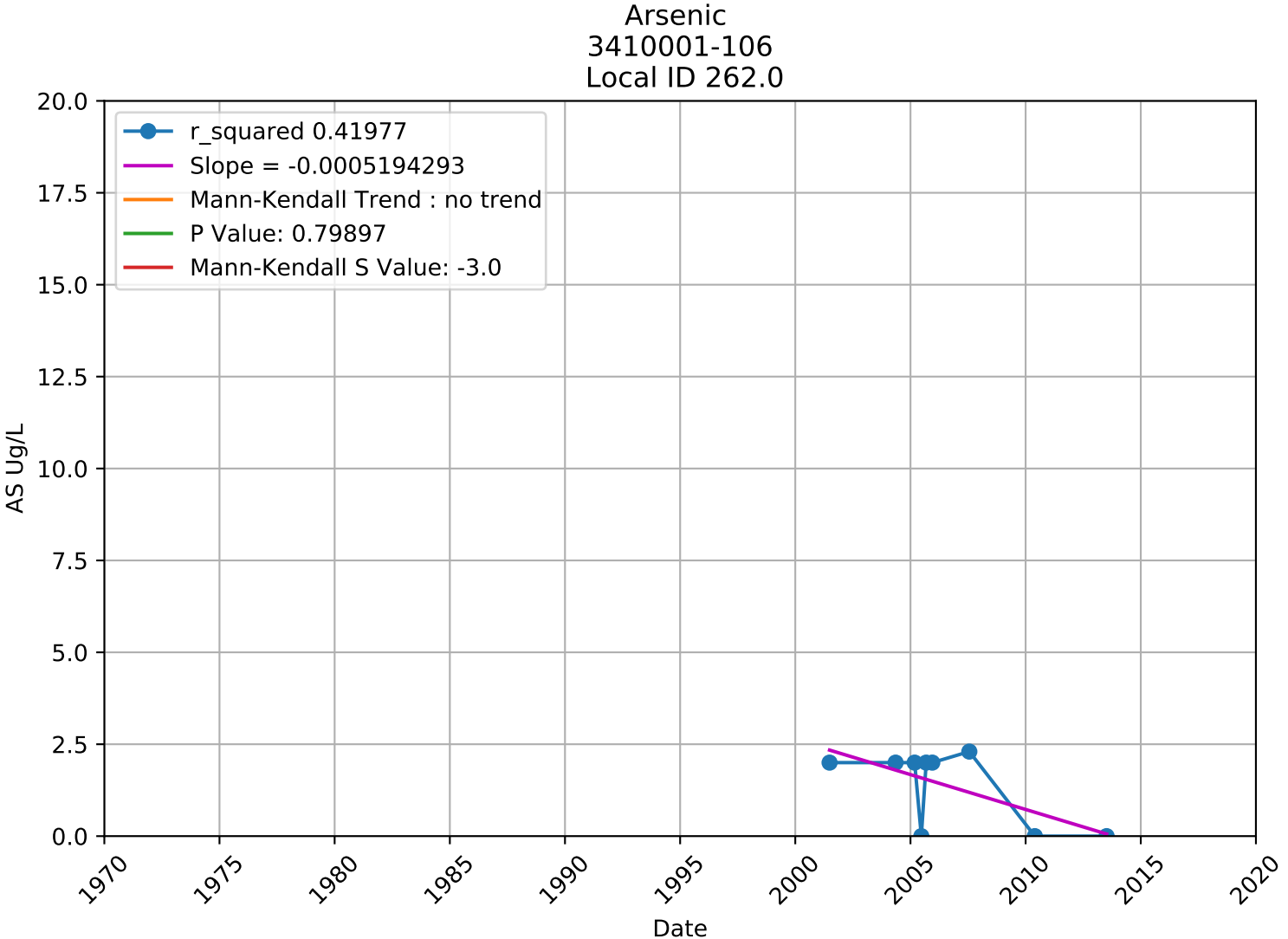

Arsenic
3410001-101
Local ID 46.0
r_squared 0.37809
Slope = -0.0002505595
Mann-Kendall Trend : no trend
P Value: 0.14158
Mann-Kendall S Value: -12.0
AS Ug/L
Date
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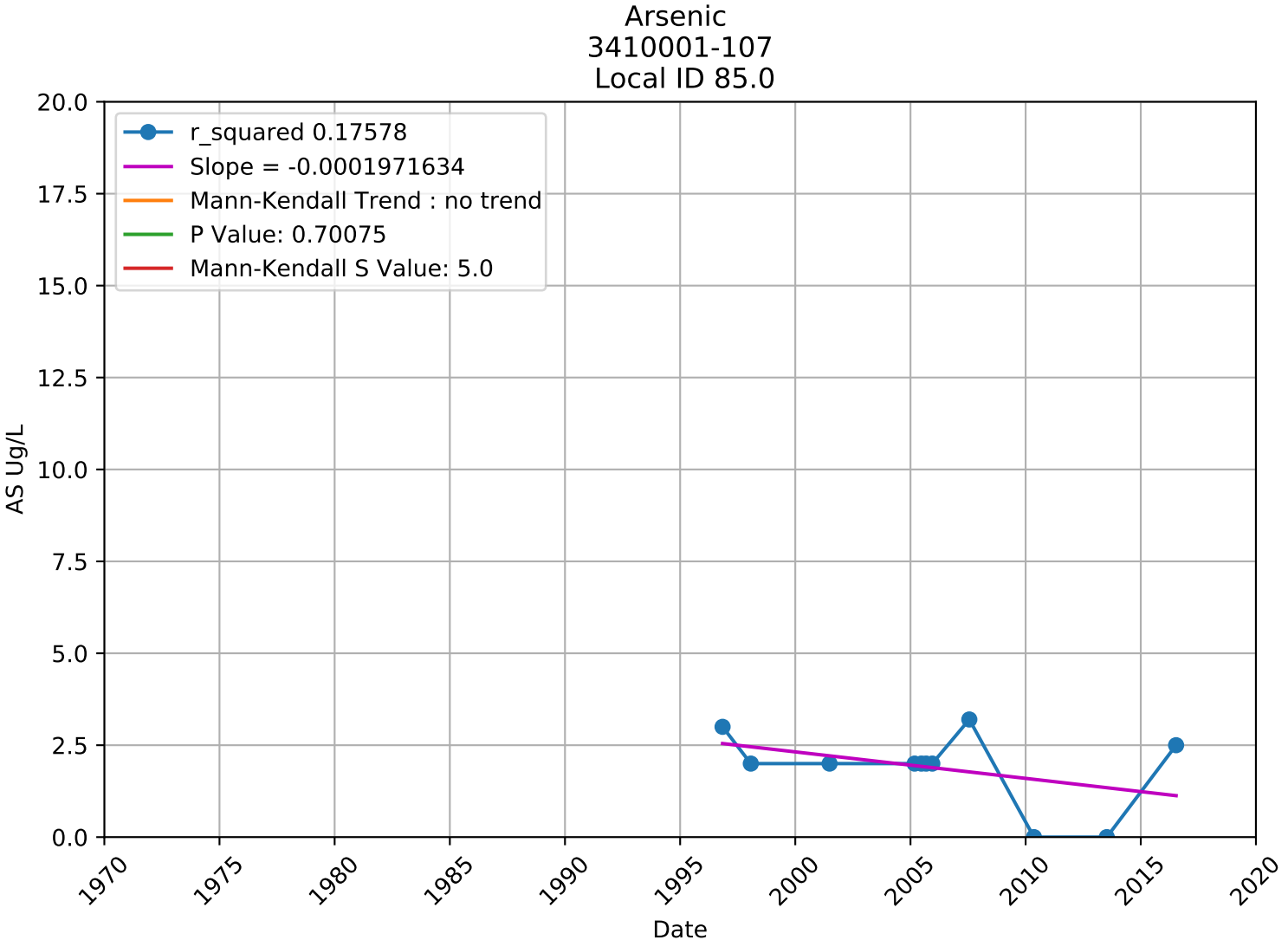

Arsenic
3410001-102
Local ID 231.0
r_squared 0.13859
Slope = -0.0001620399
Mann-Kendall Trend : no trend
P Value: 0.74090
Mann-Kendall S Value: 5.0
AS Ug/L
Date
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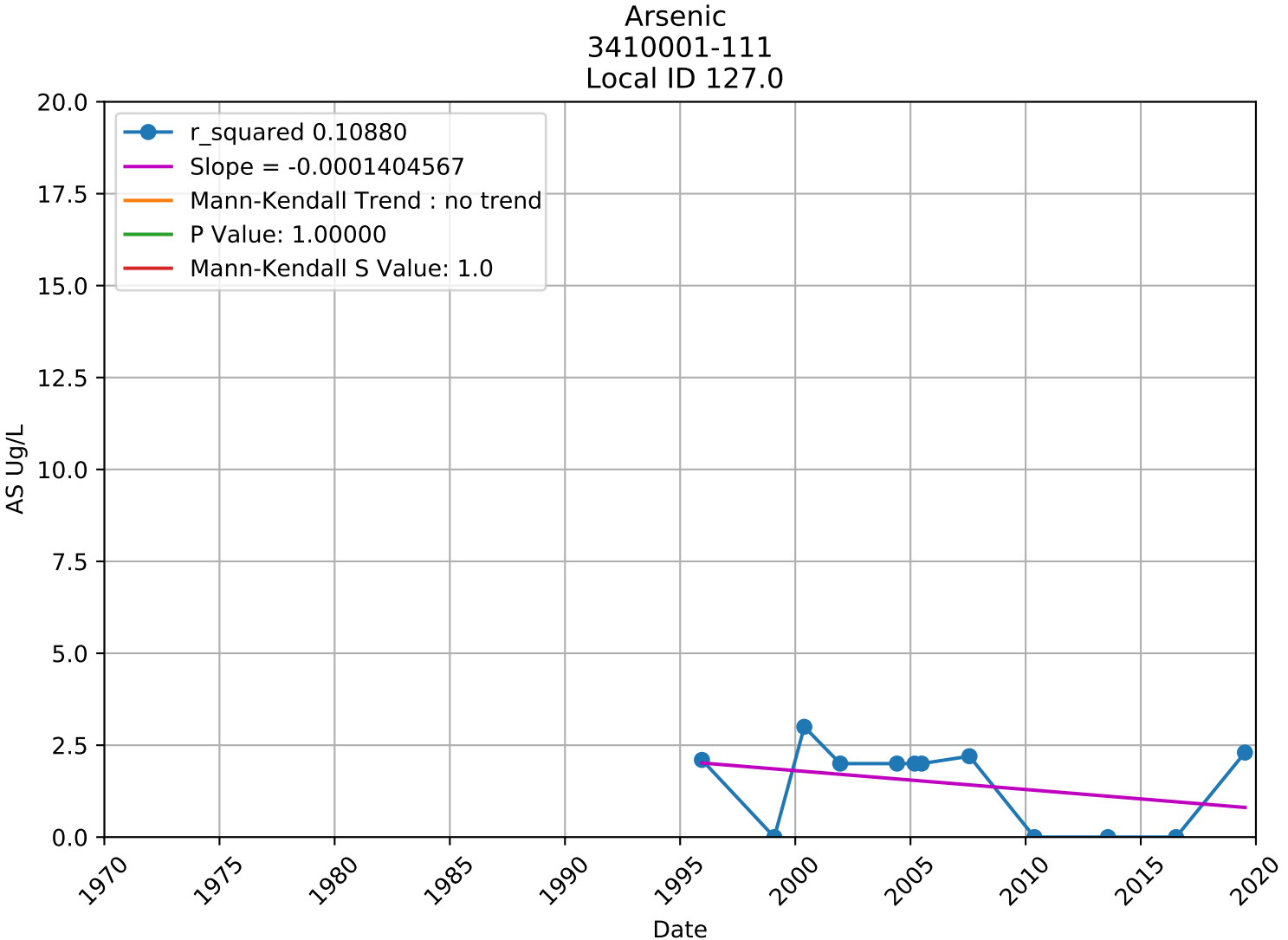

Arsenic
3410001-103
Local ID 101.0
r_squared 0.73318
Slope = -0.0004496339
Mann-Kendall Trend : no trend
P Value: 0.17524
Mann-Kendall S Value: -8.0
AS Ug/L
Date
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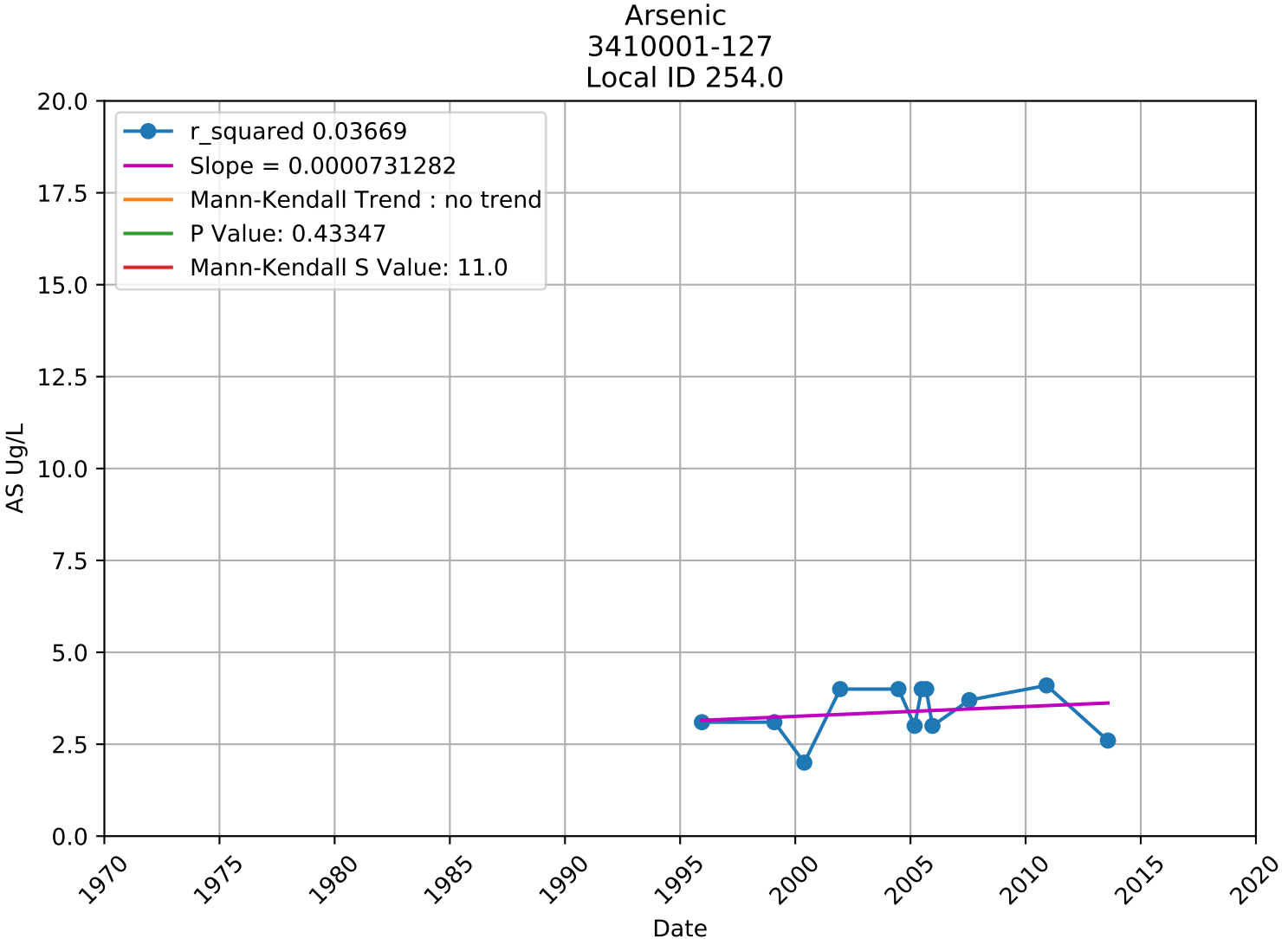

Arsenic
3410001-104
Local ID 163.0
r_squared 0.30387
Slope = -0.0002850700
Mann-Kendall Trend : no trend
P Value: 0.57328
Mann-Kendall S Value: -10.0
AS Ug/L
Date
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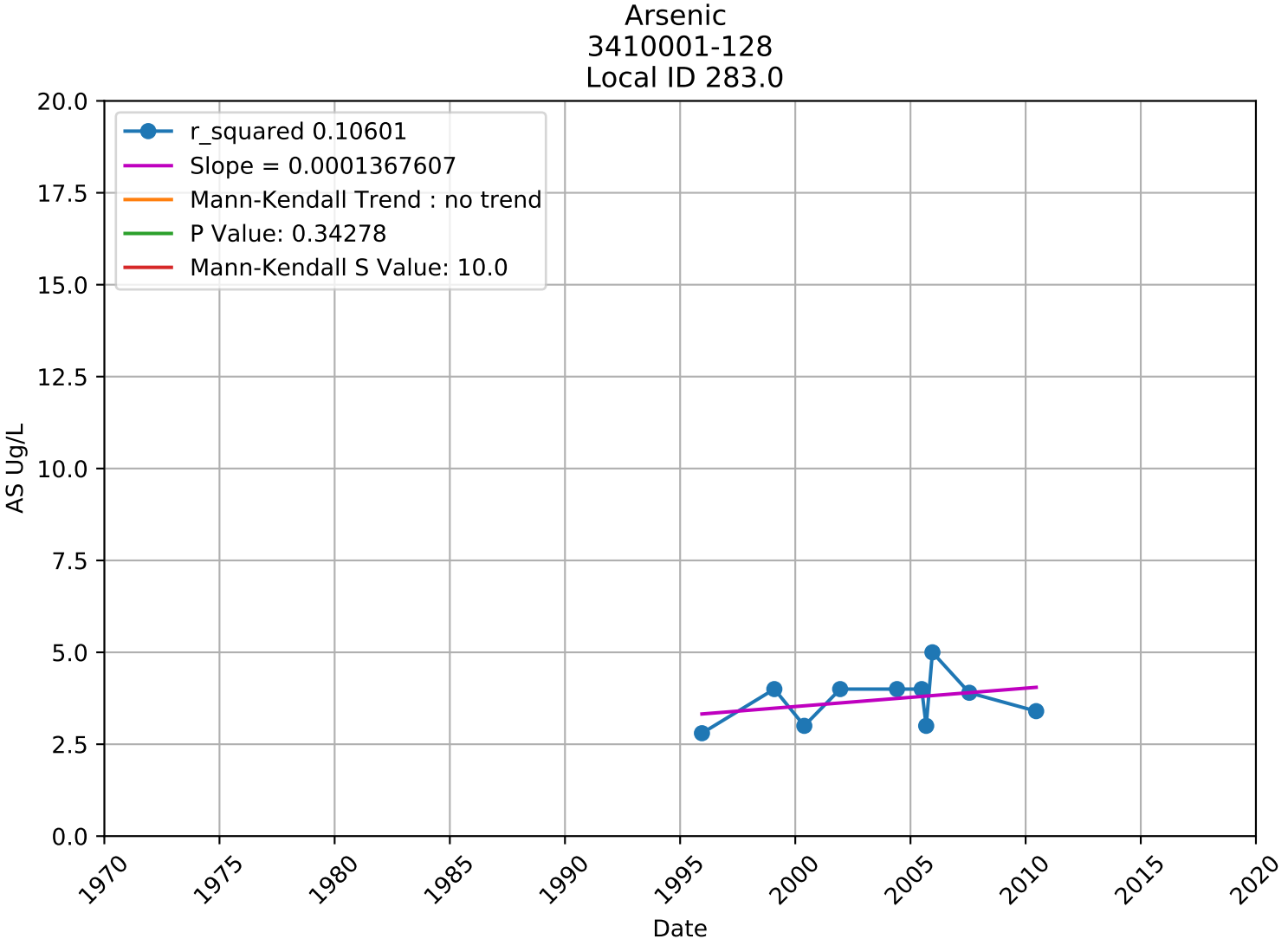

Arsenic
3410001-105
Local ID 180.0
r_squared 0.02866
Slope = 0.0000598877
Mann-Kendall Trend : no trend
P Value: 0.75453
Mann-Kendall S Value: -5.0
AS Ug/L
Date
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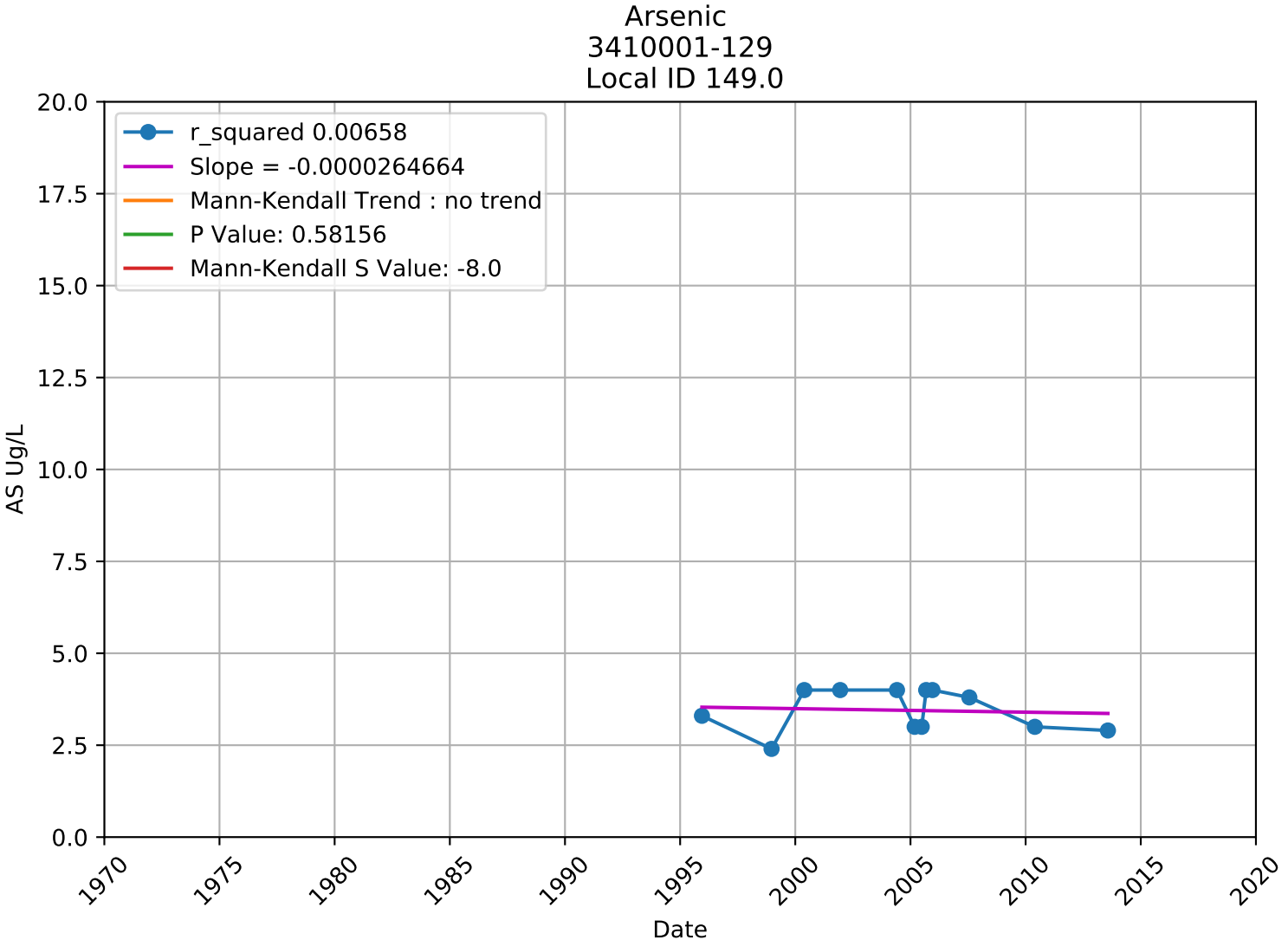

Arsenic
3410001-106
Local ID 262.0
r_squared 0.41977
Slope = -0.0005194293
Mann-Kendall Trend : no trend
P Value: 0.79897
Mann-Kendall S Value: -3.0
AS Ug/L
Date
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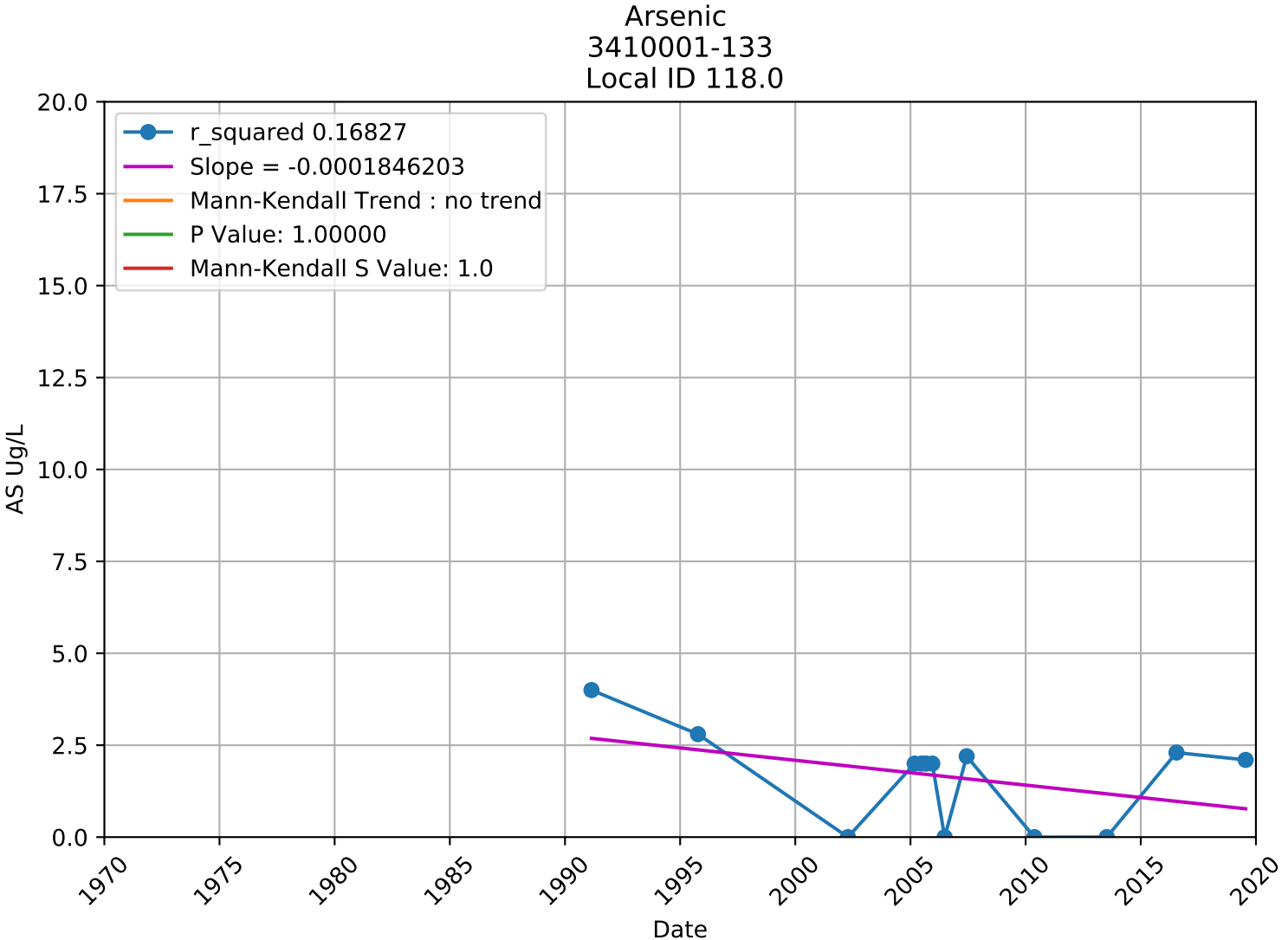

Arsenic
3410001-107
Local ID 85.0
r_squared 0.17578
Slope = -0.0001971634
Mann-Kendall Trend : no trend
P Value: 0.70075
Mann-Kendall S Value: 5.0
AS Ug/L
Date
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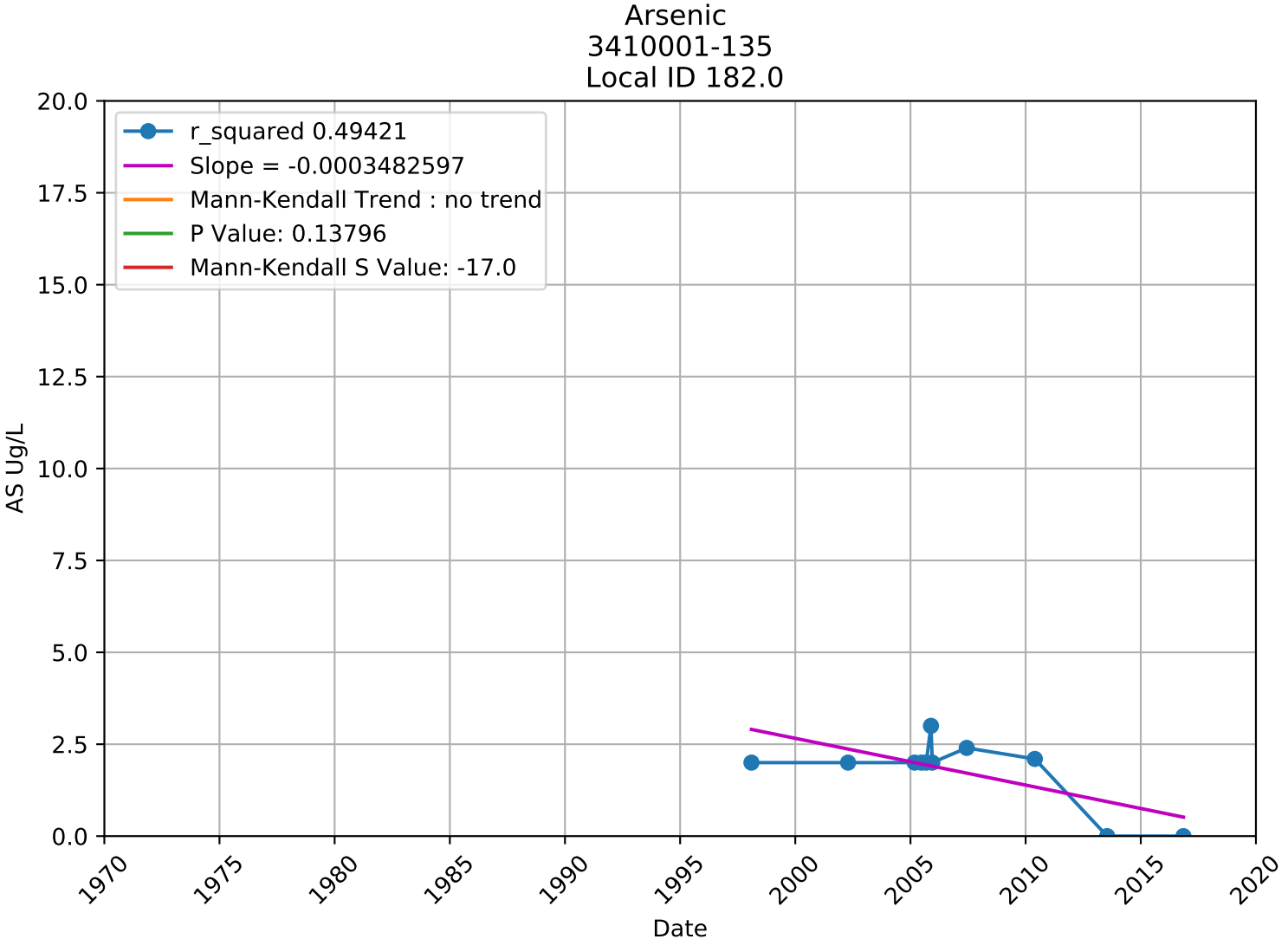

Arsenic
3410001-111
Local ID 127.0
r_squared 0.10880
Slope = -0.0001404567
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
AS Ug/L
Date
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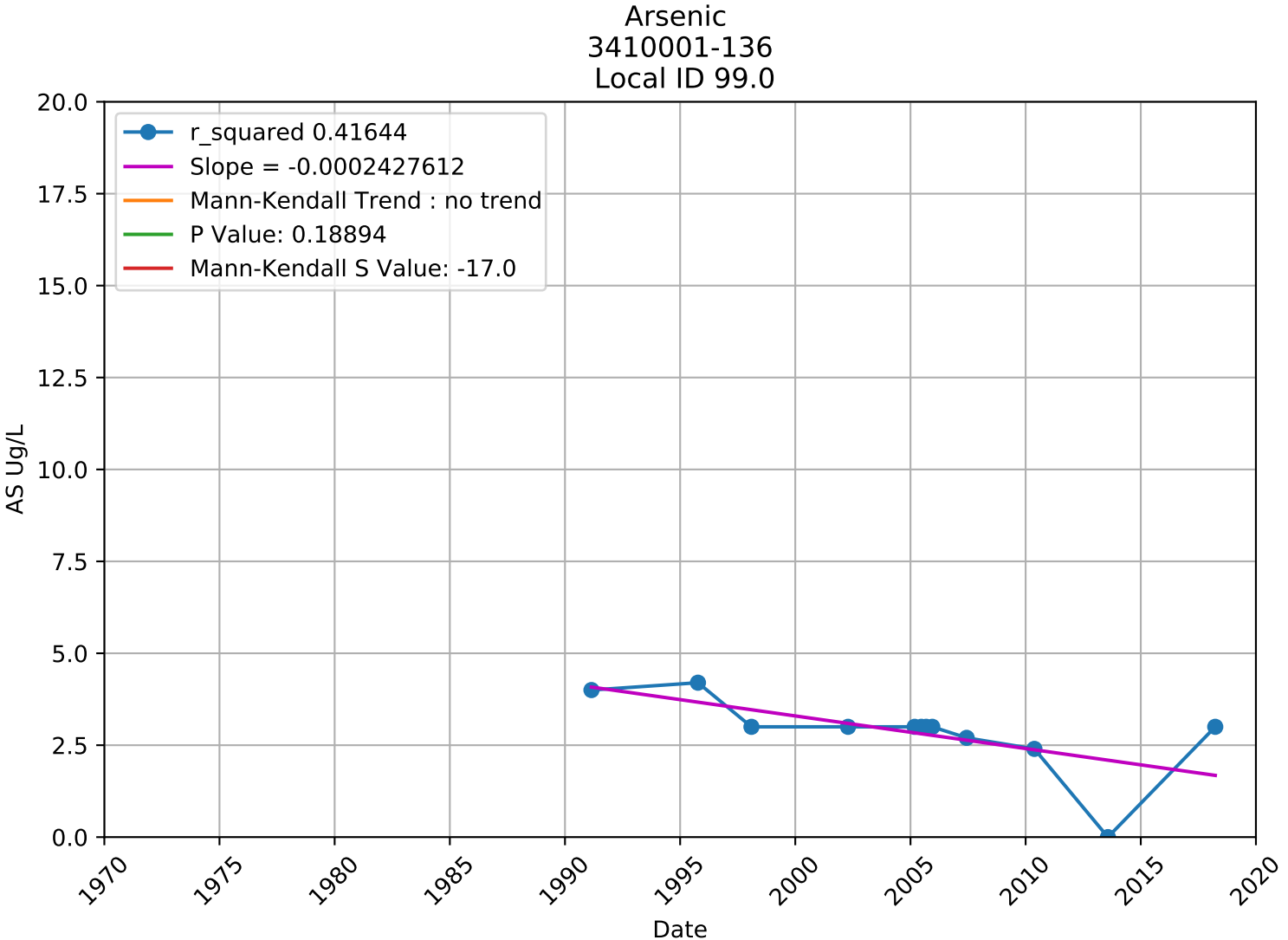

Arsenic
3410001-127
Local ID 254.0
r_squared 0.03669
Slope = 0.0000731282
Mann-Kendall Trend : no trend
P Value: 0.43347
Mann-Kendall S Value: 11.0
AS Ug/L
Date
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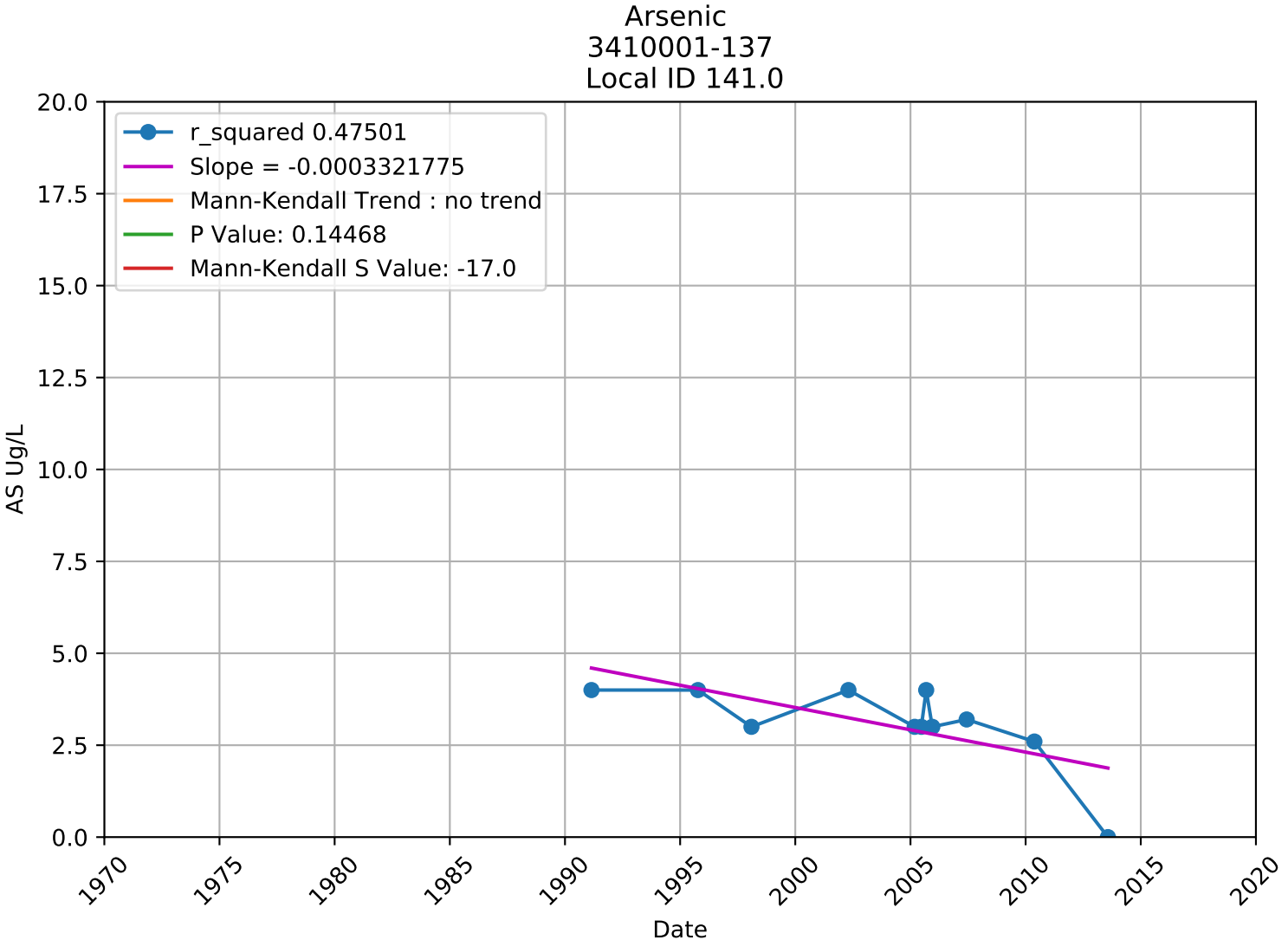

Arsenic
3410001-128
Local ID 283.0
r_squared 0.10601
Slope = 0.0001367607
Mann-Kendall Trend : no trend
P Value: 0.34278
Mann-Kendall S Value: 10.0
AS Ug/L
Date
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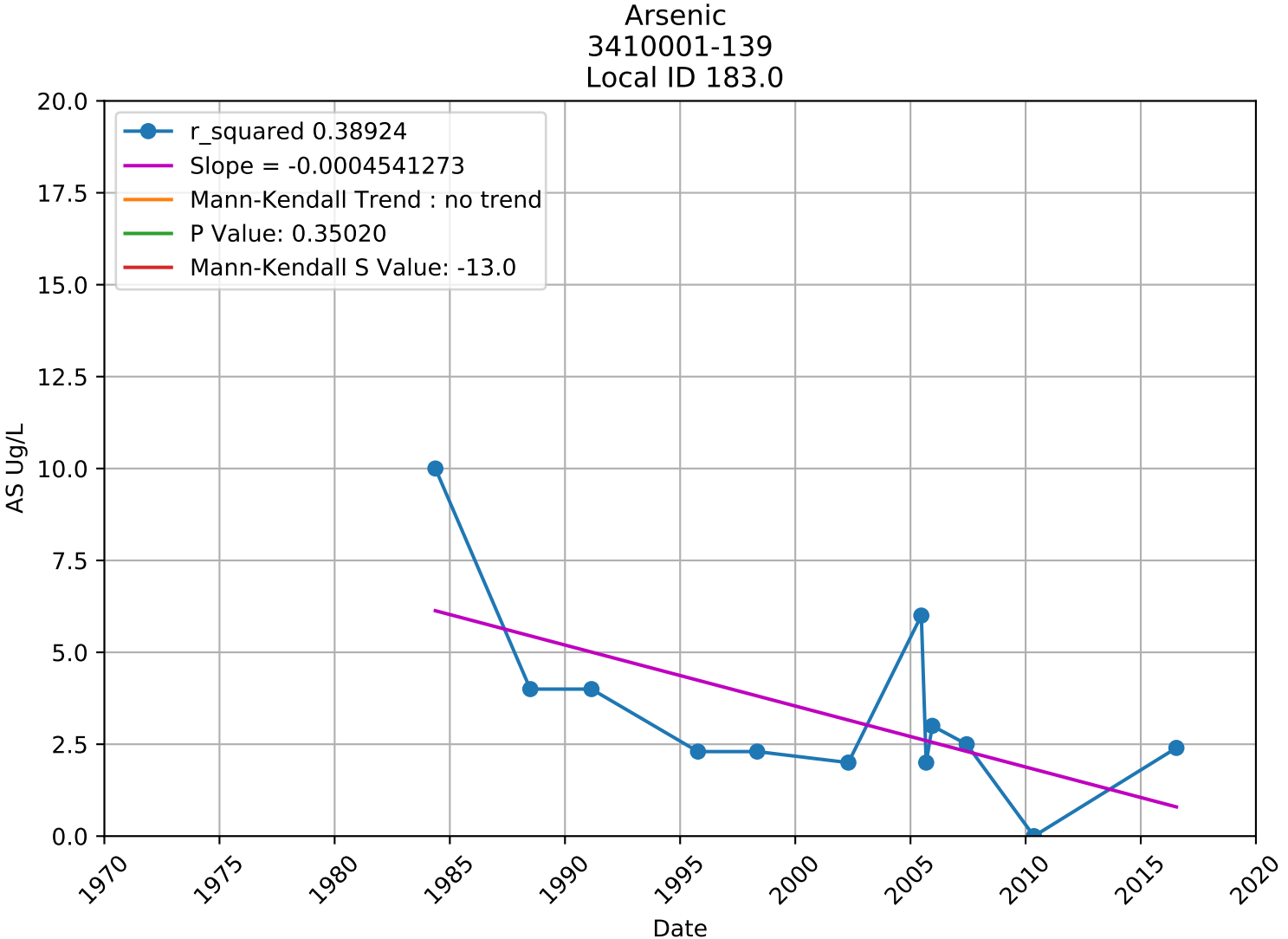

Arsenic
3410001-129
Local ID 149.0
r_squared 0.00658
Slope = -0.0000264664
Mann-Kendall Trend : no trend
P Value: 0.58156
Mann-Kendall S Value: -8.0
AS Ug/L
Date
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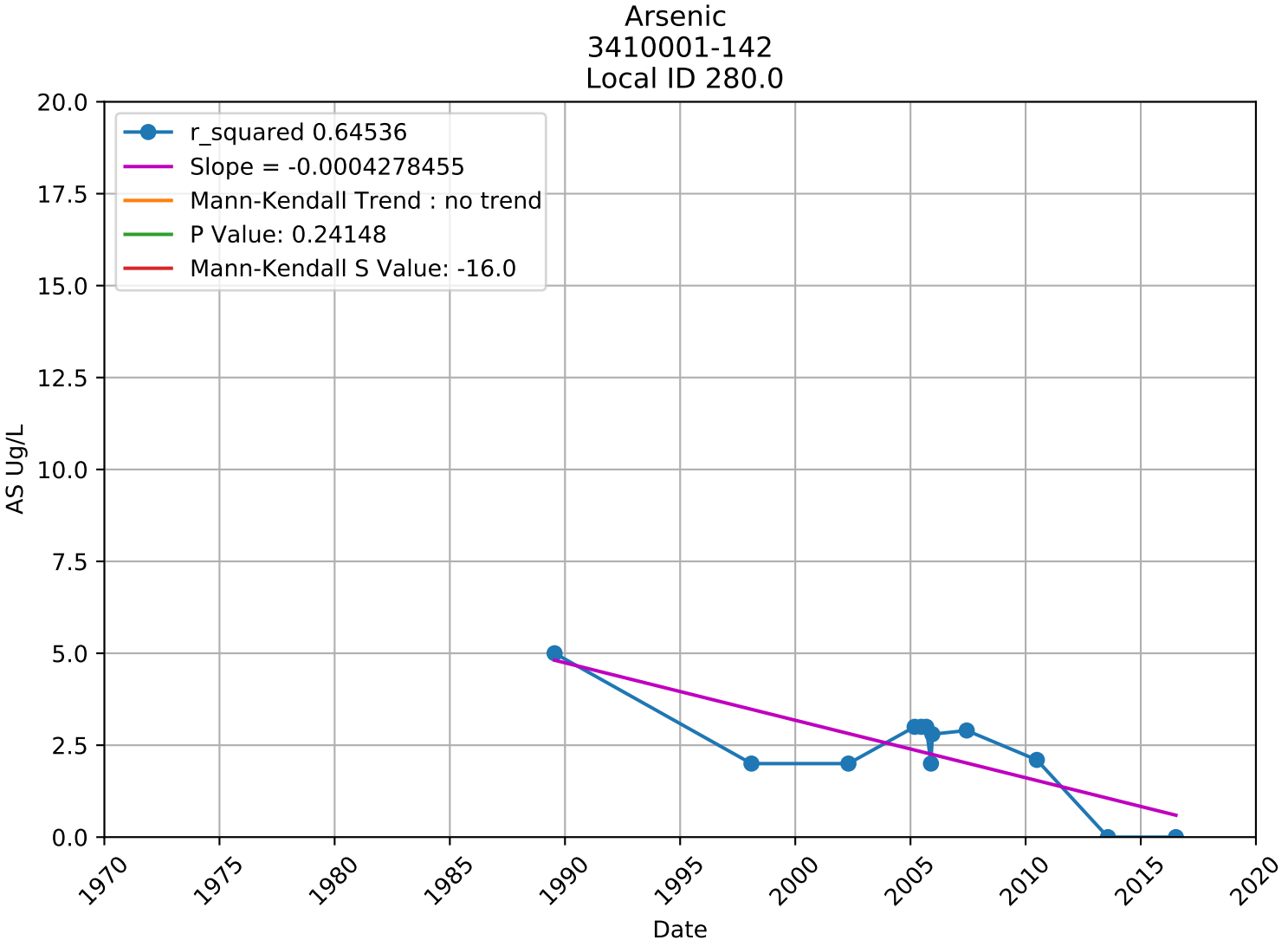

Arsenic
3410001-133
Local ID 118.0
r_squared 0.16827
Slope = -0.0001846203
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
AS Ug/L
Date
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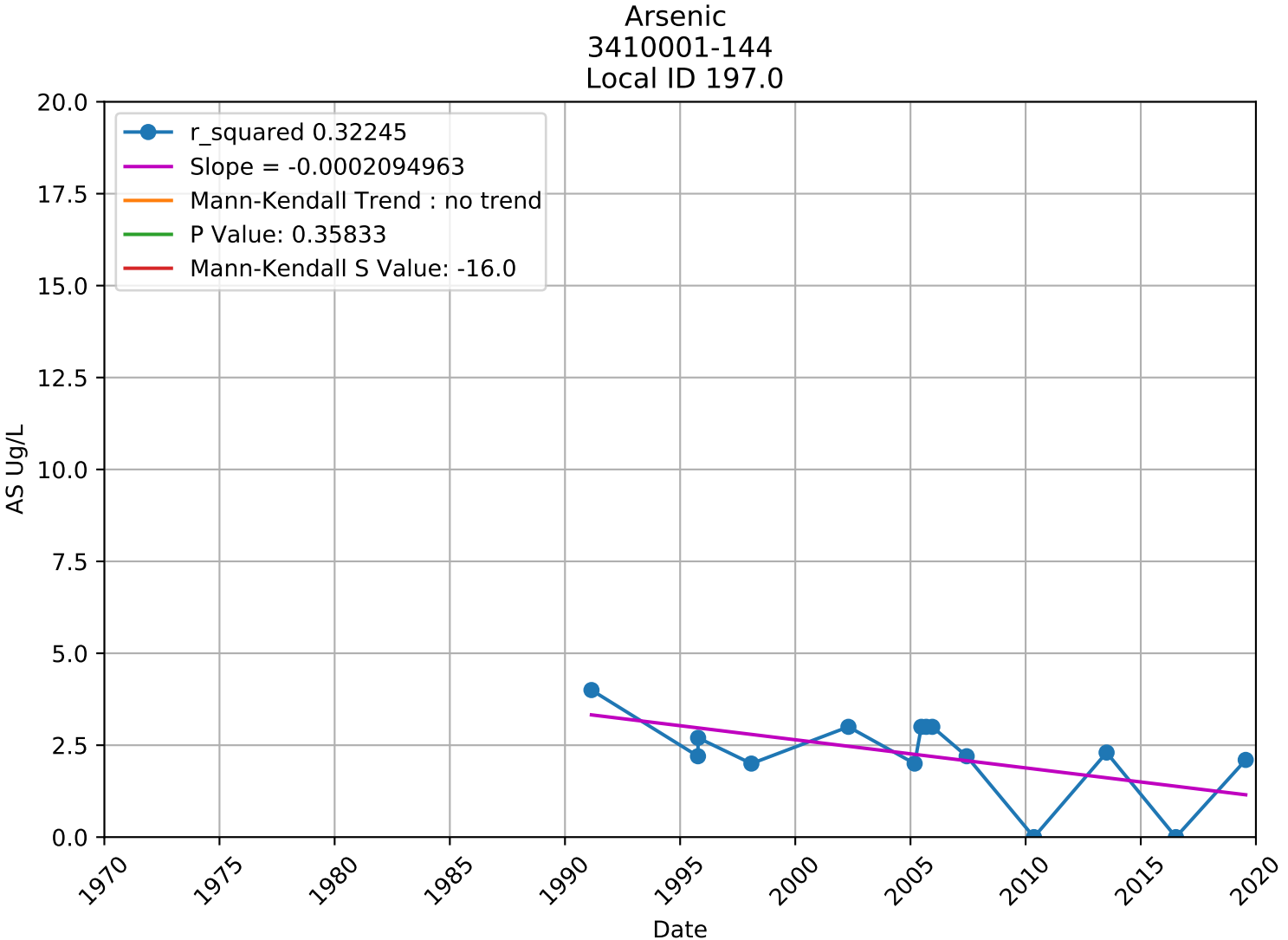

Arsenic
3410001-135
Local ID 182.0
r_squared 0.49421
Slope = -0.0003482597
Mann-Kendall Trend : no trend
P Value: 0.13796
Mann-Kendall S Value: -17.0
AS Ug/L
Date
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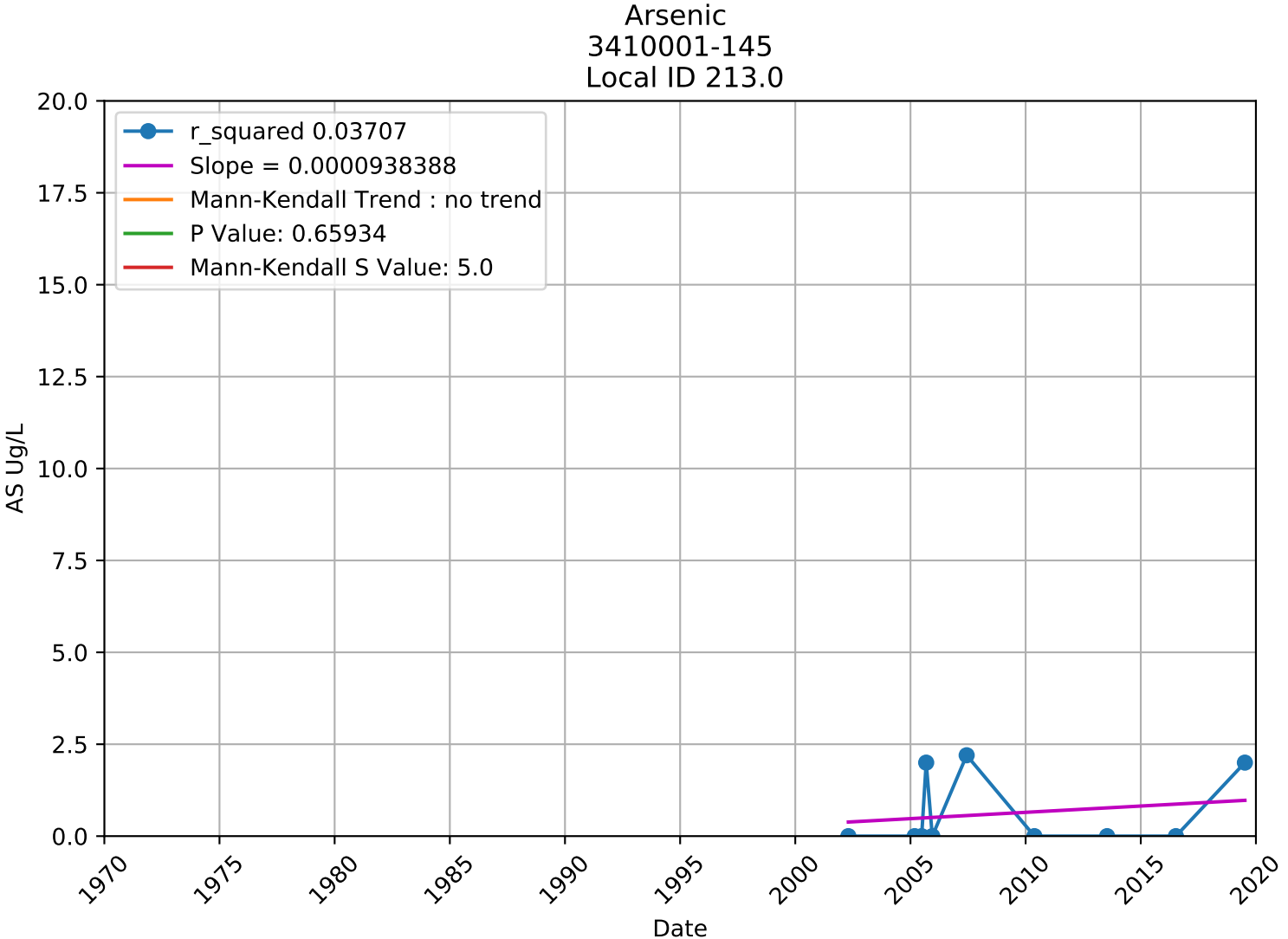

Arsenic
3410001-136
Local ID 99.0
r_squared 0.41644
Slope = -0.0002427612
Mann-Kendall Trend : no trend
P Value: 0.18894
Mann-Kendall S Value: -17.0
AS Ug/L
Date
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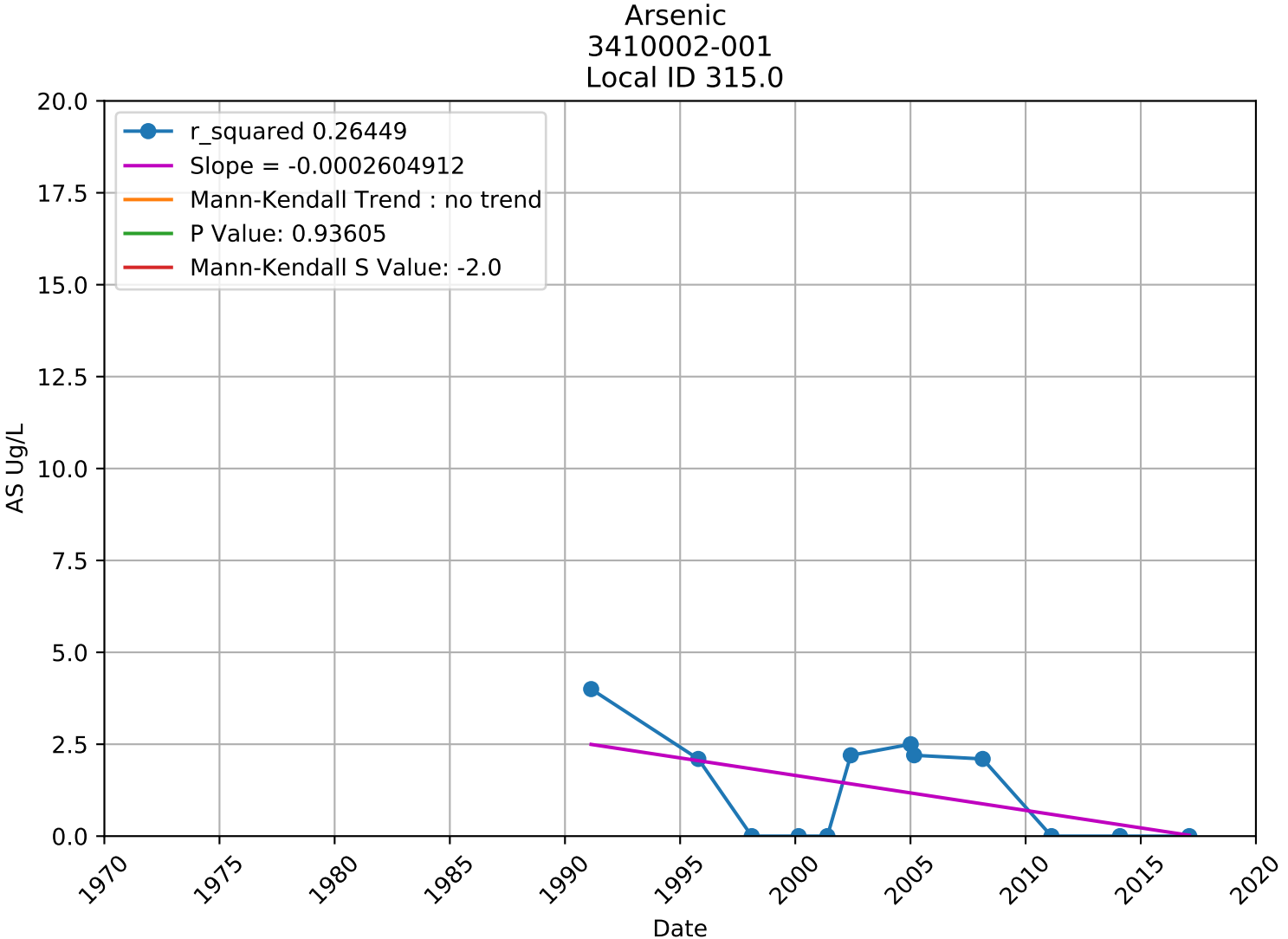

Arsenic
3410001-137
Local ID 141.0
r_squared 0.47501
Slope = -0.0003321775
Mann-Kendall Trend : no trend
P Value: 0.14468
Mann-Kendall S Value: -17.0
AS Ug/L
Date
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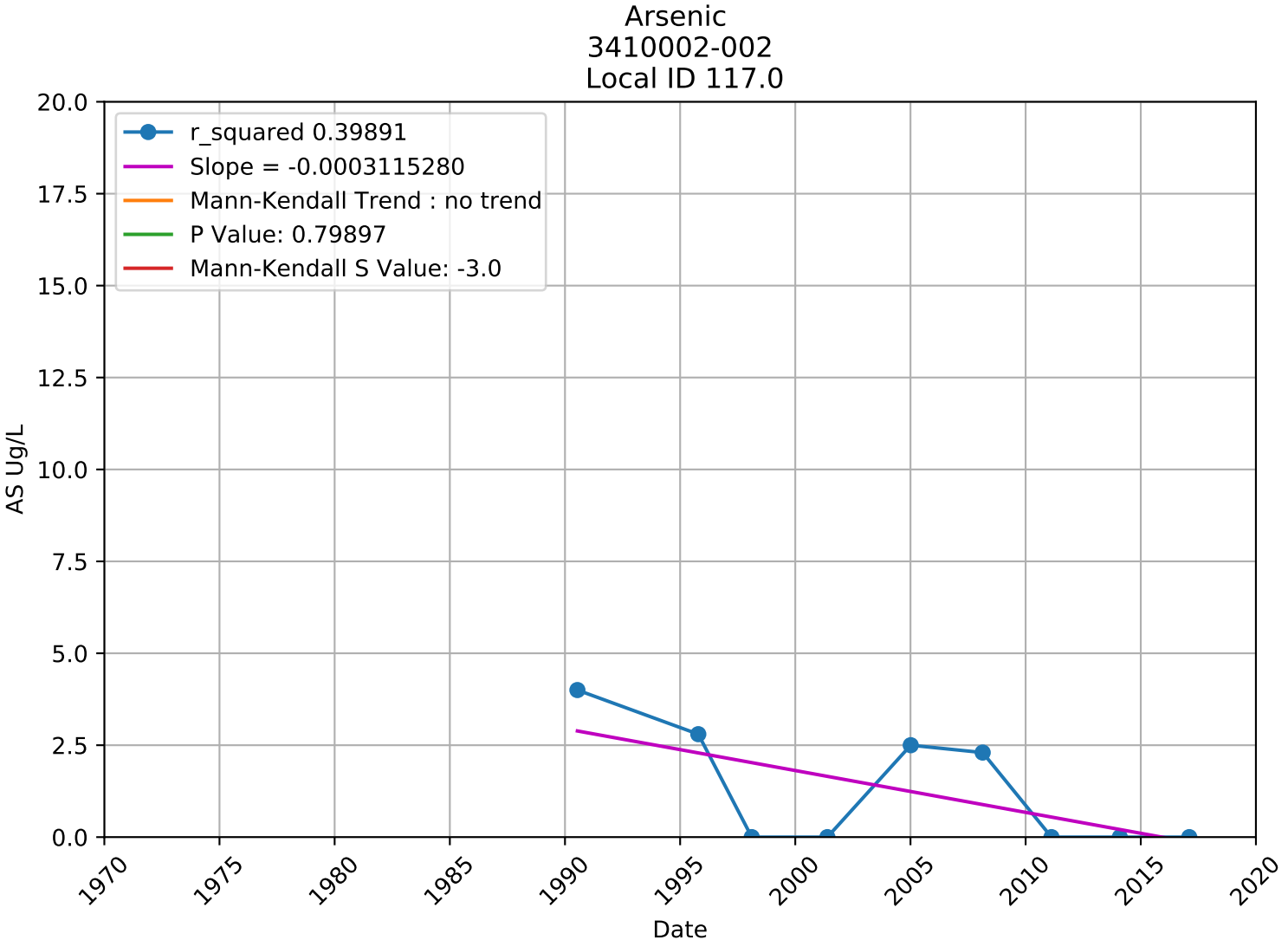

Arsenic
3410001-139
Local ID 183.0
r_squared 0.38924
Slope = -0.0004541273
Mann-Kendall Trend : no trend
P Value: 0.35020
Mann-Kendall S Value: -13.0
AS Ug/L
Date
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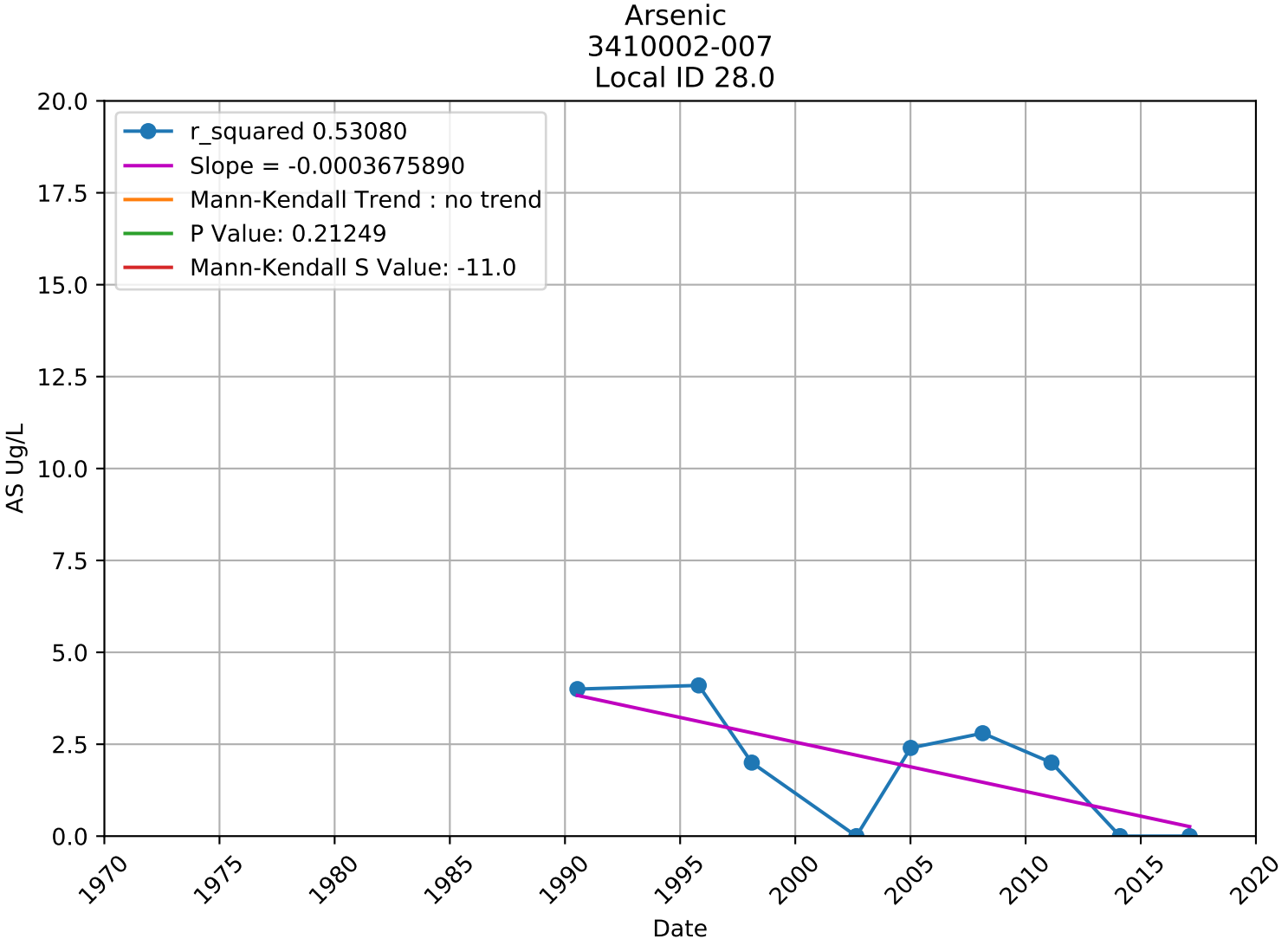

Arsenic
3410001-142
Local ID 280.0
r_squared 0.64536
Slope = -0.0004278455
Mann-Kendall Trend : no trend
P Value: 0.24148
Mann-Kendall S Value: -16.0
AS Ug/L
Date
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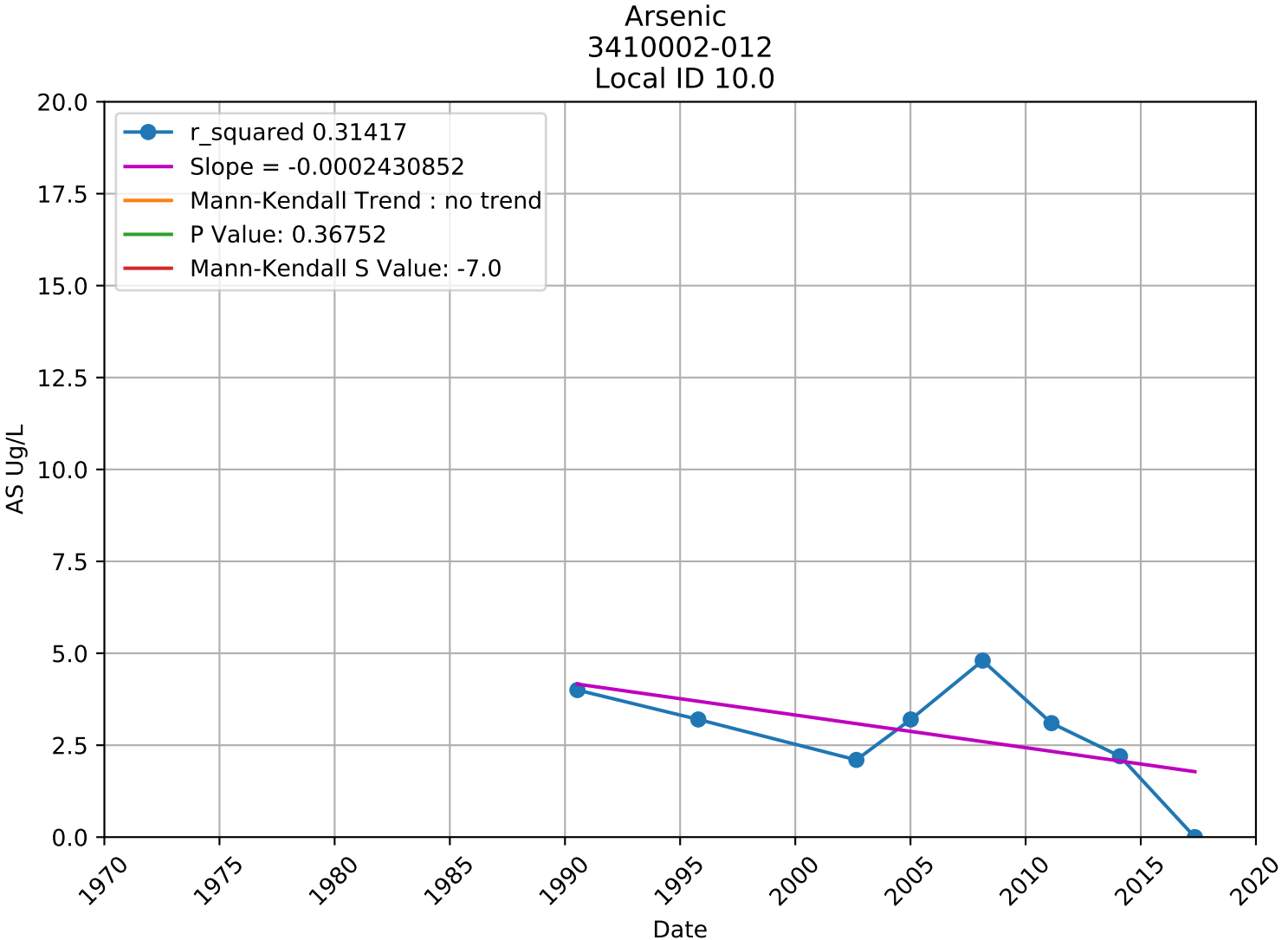

Arsenic
3410001-144
Local ID 197.0
r_squared 0.32245
Slope = -0.0002094963
Mann-Kendall Trend : no trend
P Value: 0.35833
Mann-Kendall S Value: -16.0
AS Ug/L
Date
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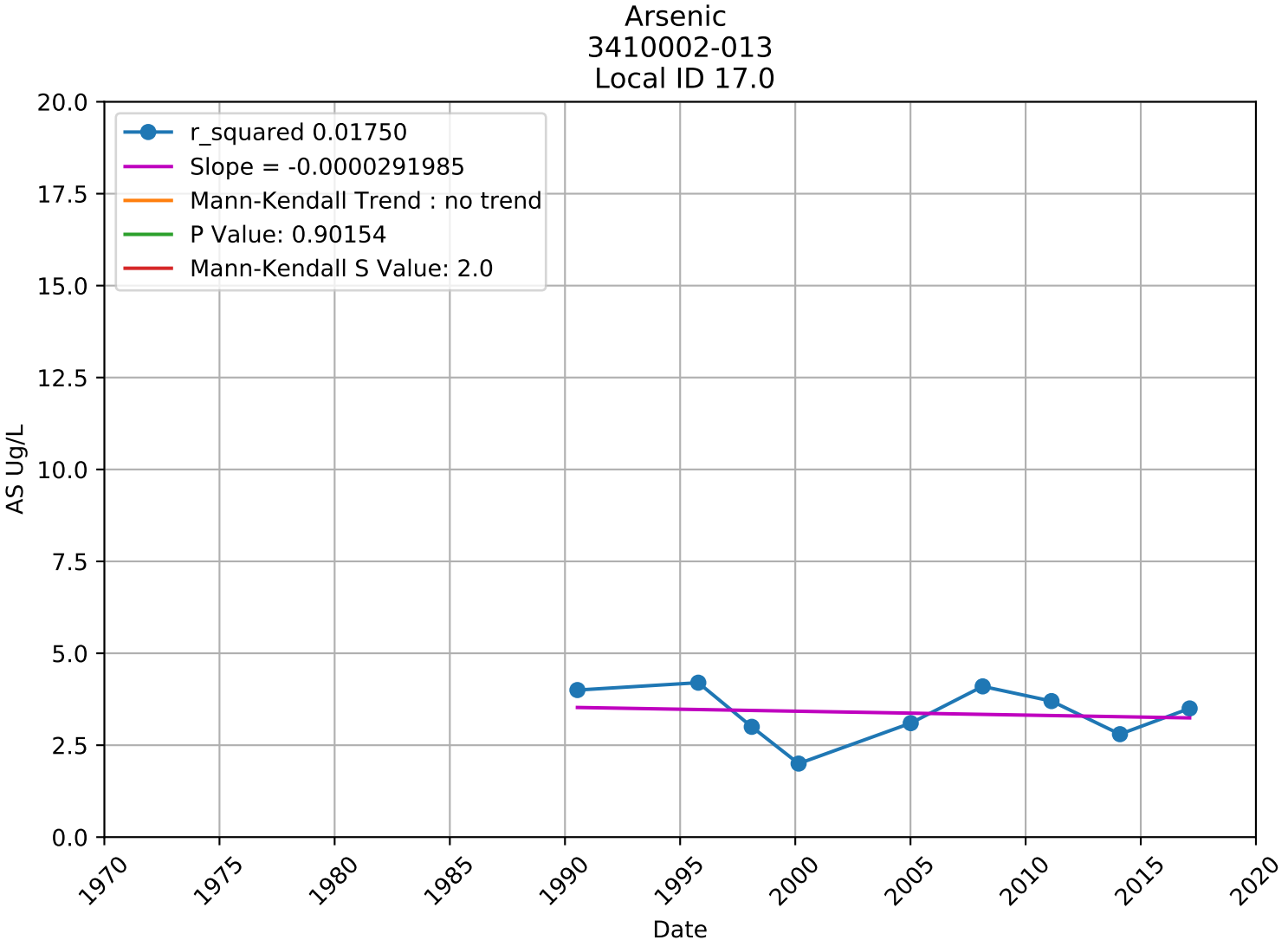

Arsenic
3410001-145
Local ID 213.0
r_squared 0.03707
Slope = 0.0000938388
Mann-Kendall Trend : no trend
P Value: 0.65934
Mann-Kendall S Value: 5.0
AS Ug/L
Date
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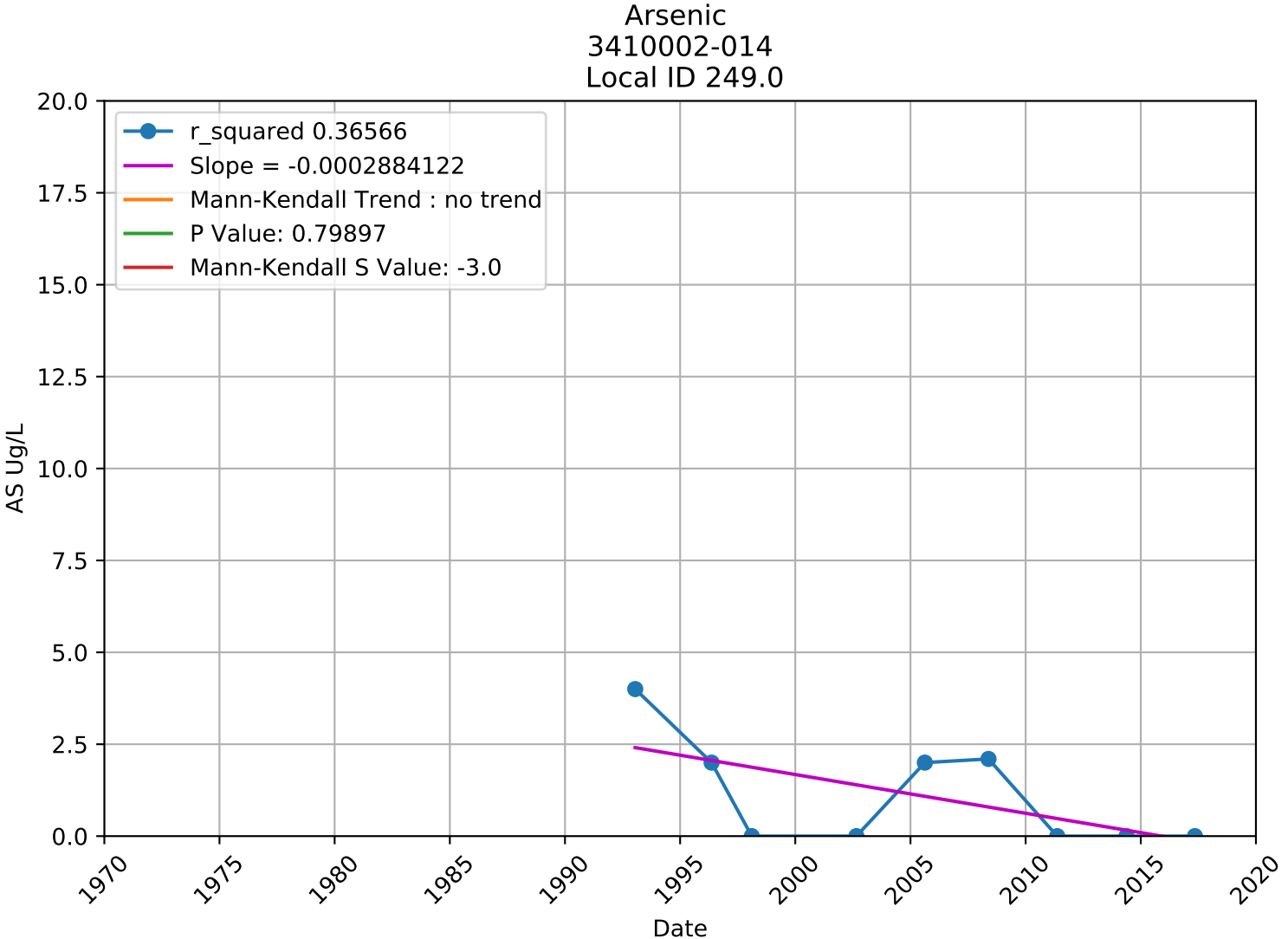

Arsenic
3410002-001
Local ID 315.0
r_squared 0.26449
Slope = -0.0002604912
Mann-Kendall Trend : no trend
P Value: 0.93605
Mann-Kendall S Value: -2.0
AS Ug/L
Date
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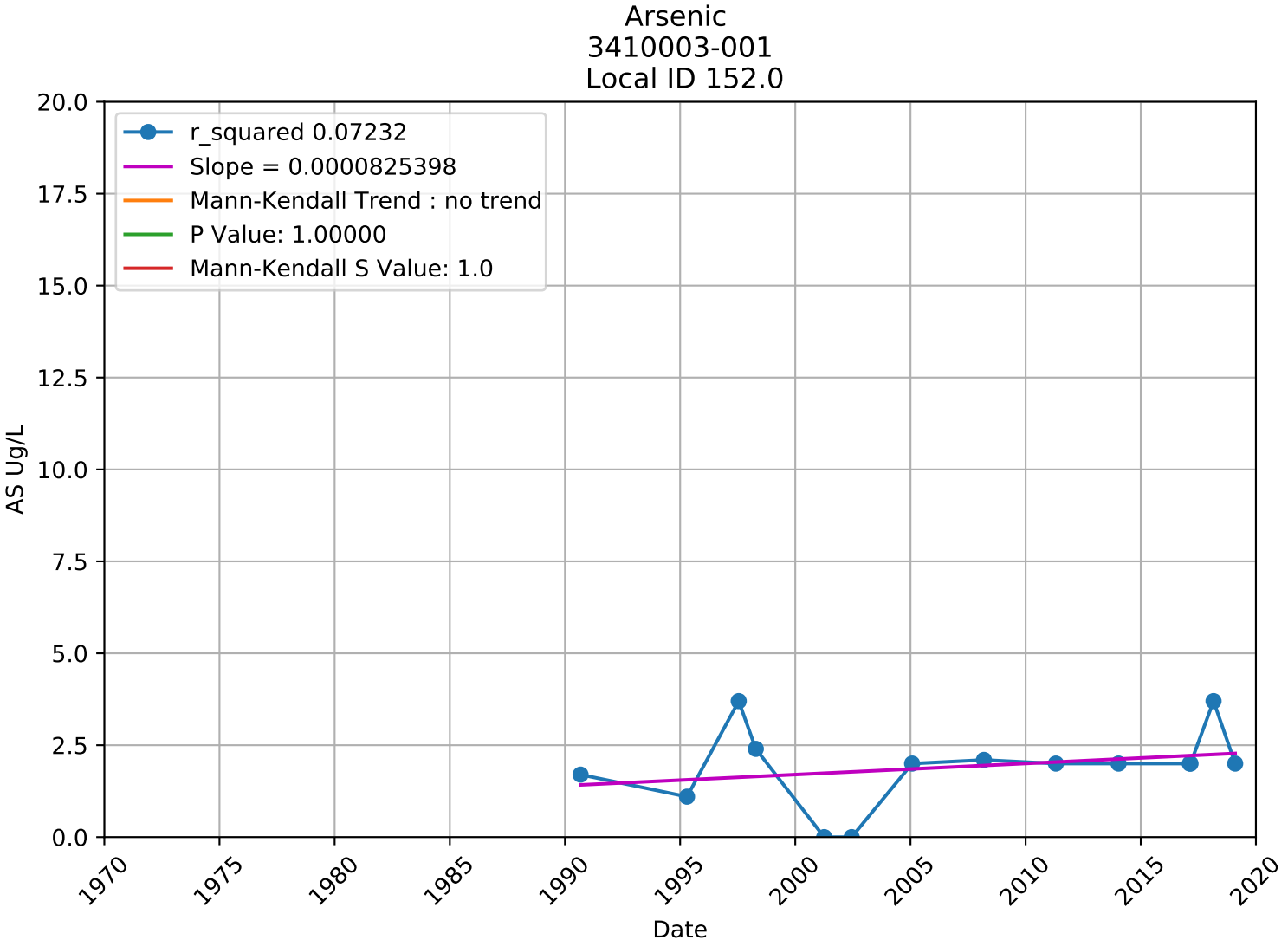

Arsenic
3410002-002
Local ID 117.0
r_squared 0.39891
Slope = -0.0003115280
Mann-Kendall Trend : no trend
P Value: 0.79897
Mann-Kendall S Value: -3.0
AS Ug/L
Date
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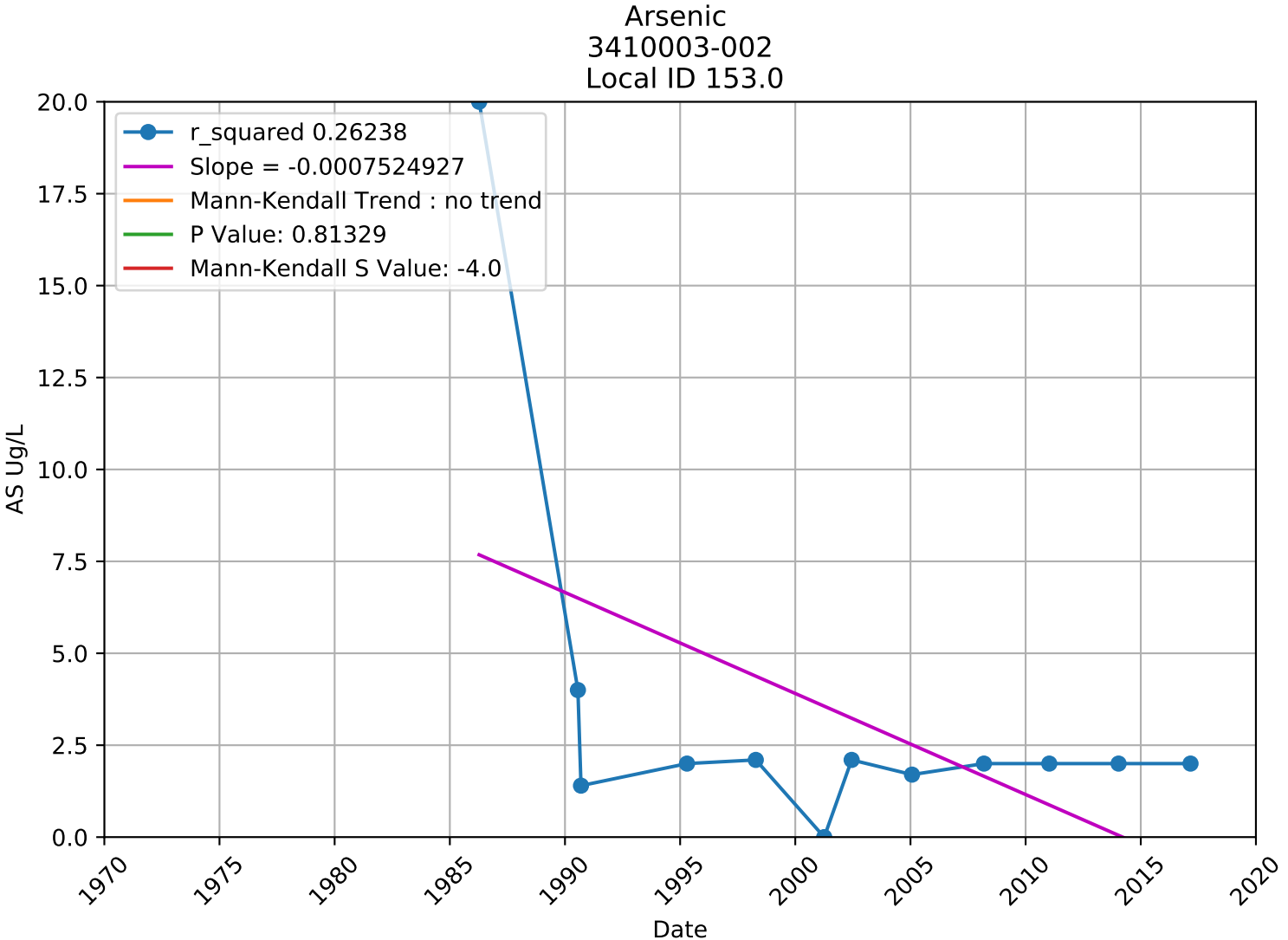

Arsenic
3410002-007
Local ID 28.0
r_squared 0.53080
Slope = -0.0003675890
Mann-Kendall Trend : no trend
P Value: 0.21249
Mann-Kendall S Value: -11.0
AS Ug/L
Date
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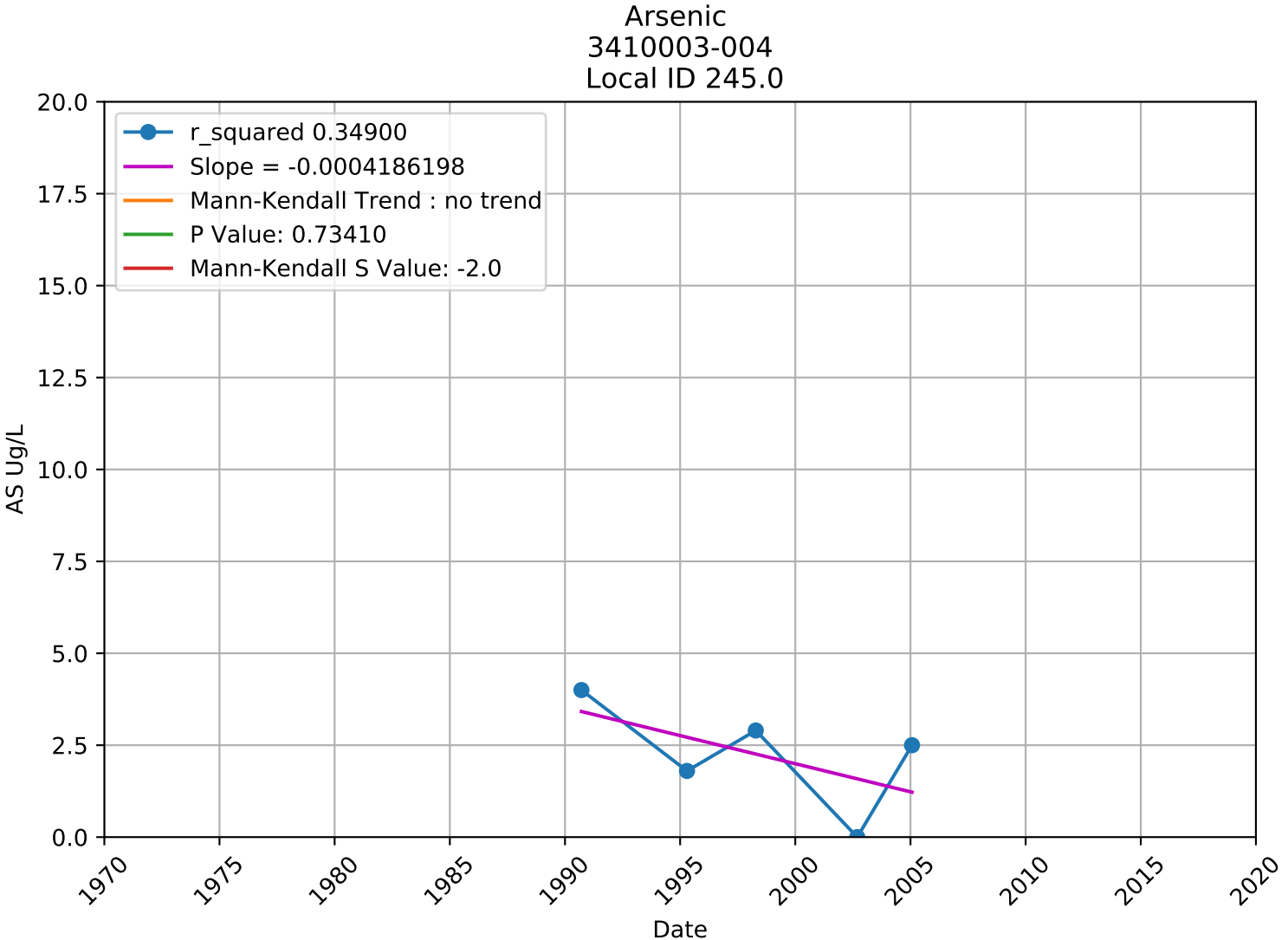

Arsenic
3410002-012
Local ID 10.0
r_squared 0.31417
Slope = -0.0002430852
Mann-Kendall Trend : no trend
P Value: 0.36752
Mann-Kendall S Value: -7.0
AS Ug/L
Date
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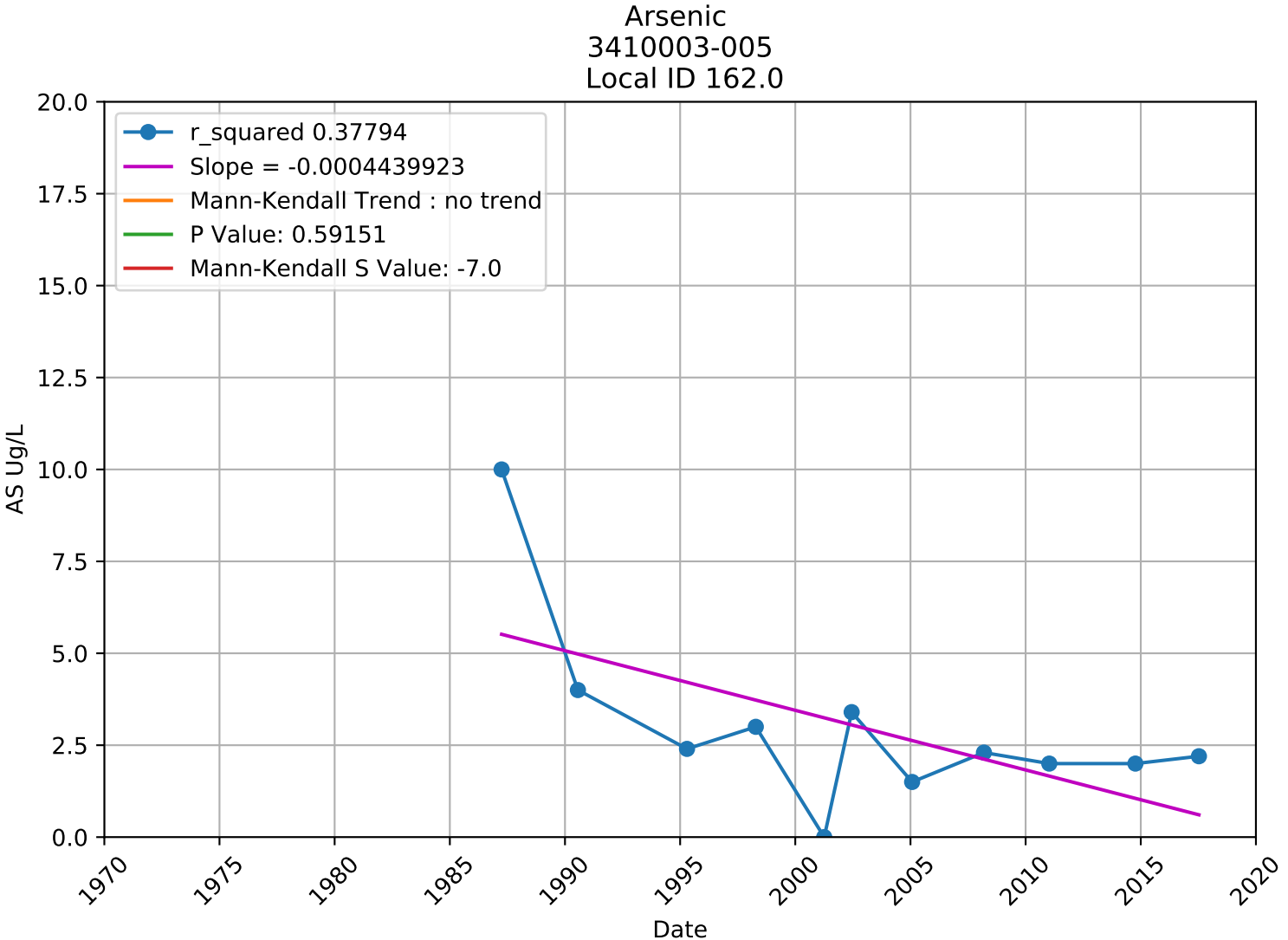

Arsenic
3410002-013
Local ID 17.0
r_squared 0.01750
Slope = -0.0000291985
Mann-Kendall Trend : no trend
P Value: 0.90154
Mann-Kendall S Value: 2.0
AS Ug/L
Date
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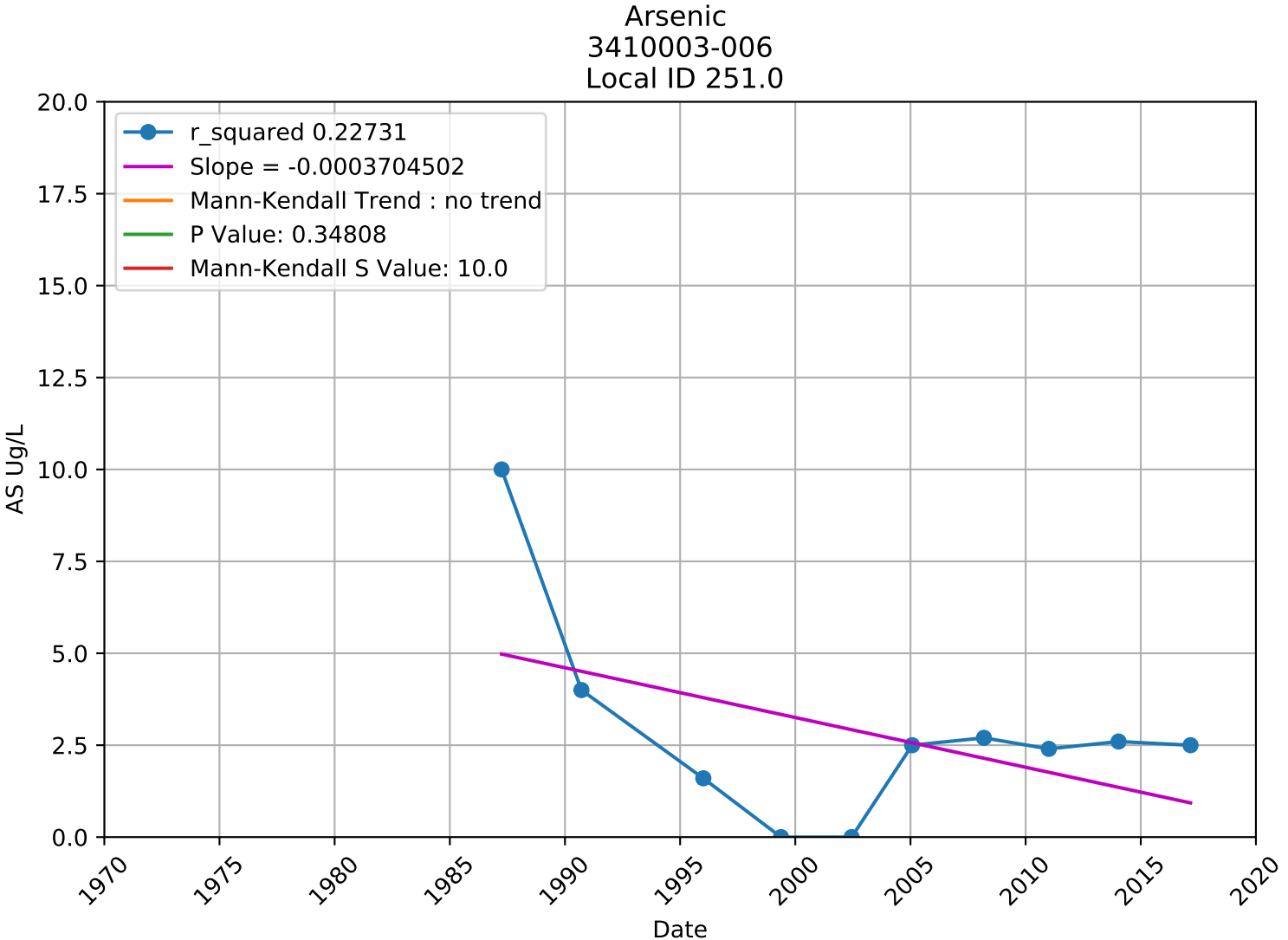

Arsenic
3410002-014
Local ID 249.0
r_squared 0.36566
Slope = -0.0002884122
Mann-Kendall Trend : no trend
P Value: 0.79897
Mann-Kendall S Value: -3.0
AS Ug/L
Date
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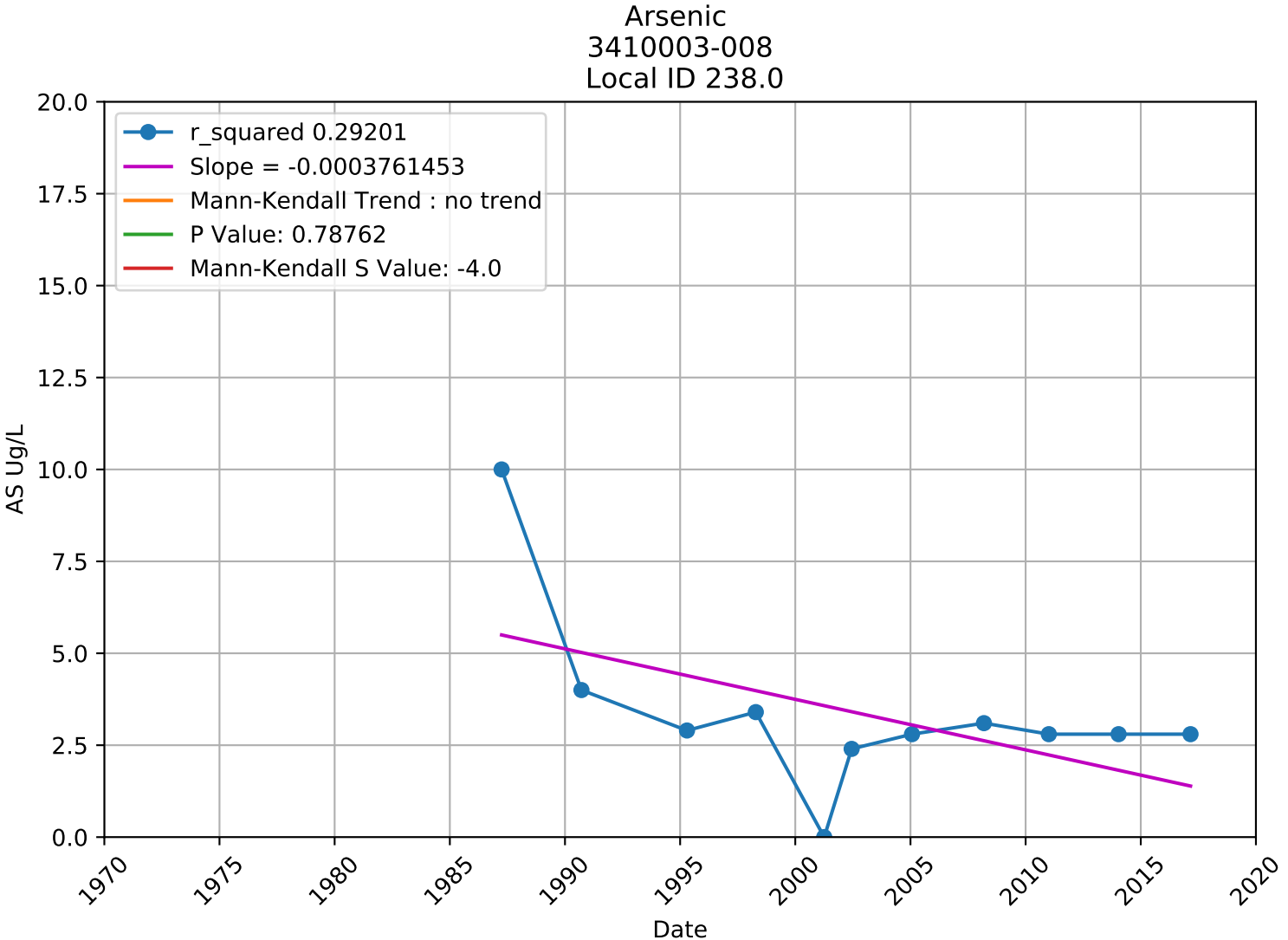

Arsenic
3410003-001
Local ID 152.0
r_squared 0.07232
Slope = 0.0000825398
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
AS Ug/L
Date
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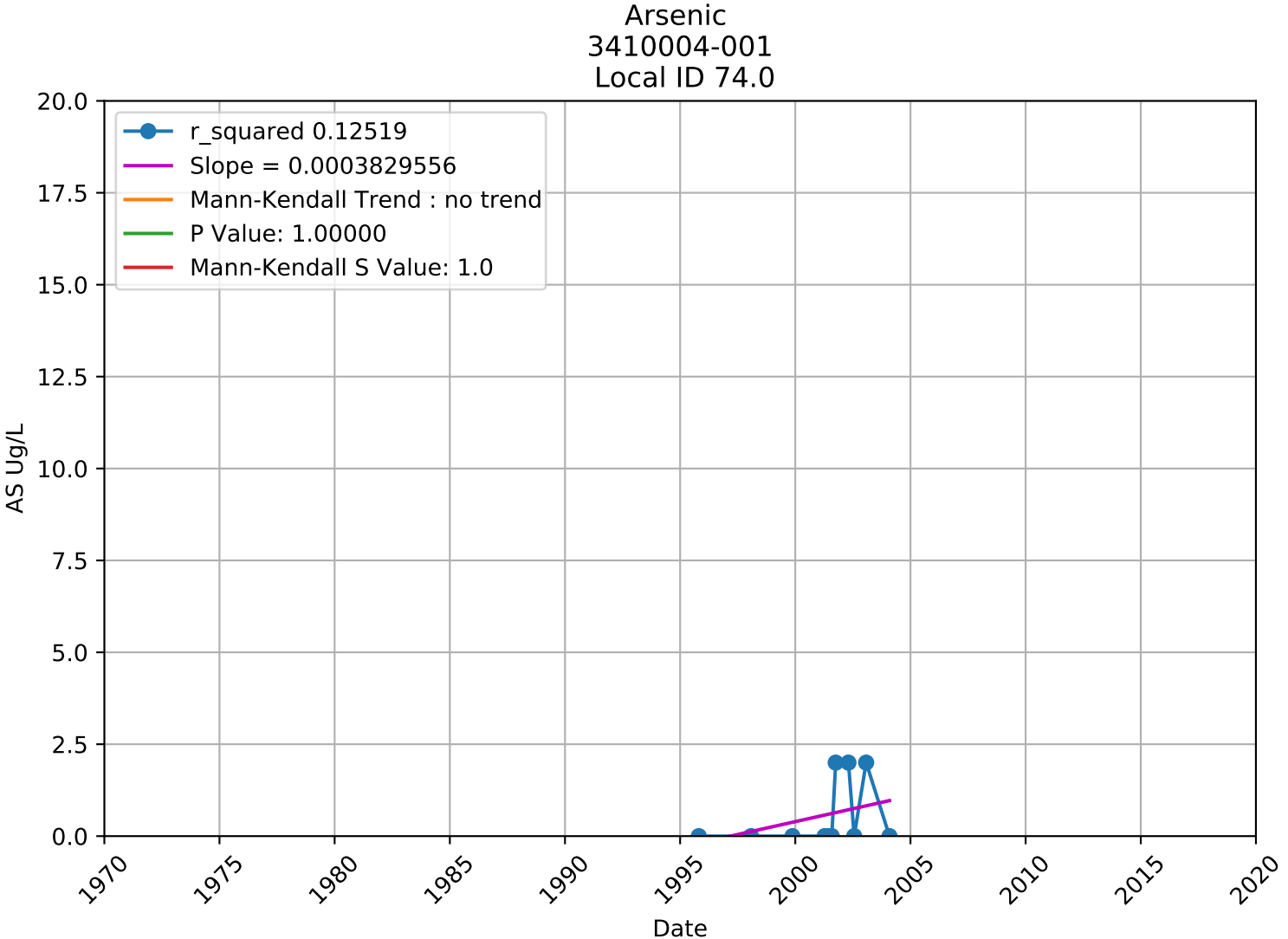

Arsenic
3410003-002
Local ID 153.0
r_squared 0.26238
Slope = -0.0007524927
Mann-Kendall Trend : no trend
P Value: 0.81329
Mann-Kendall S Value: -4.0
AS Ug/L
Date
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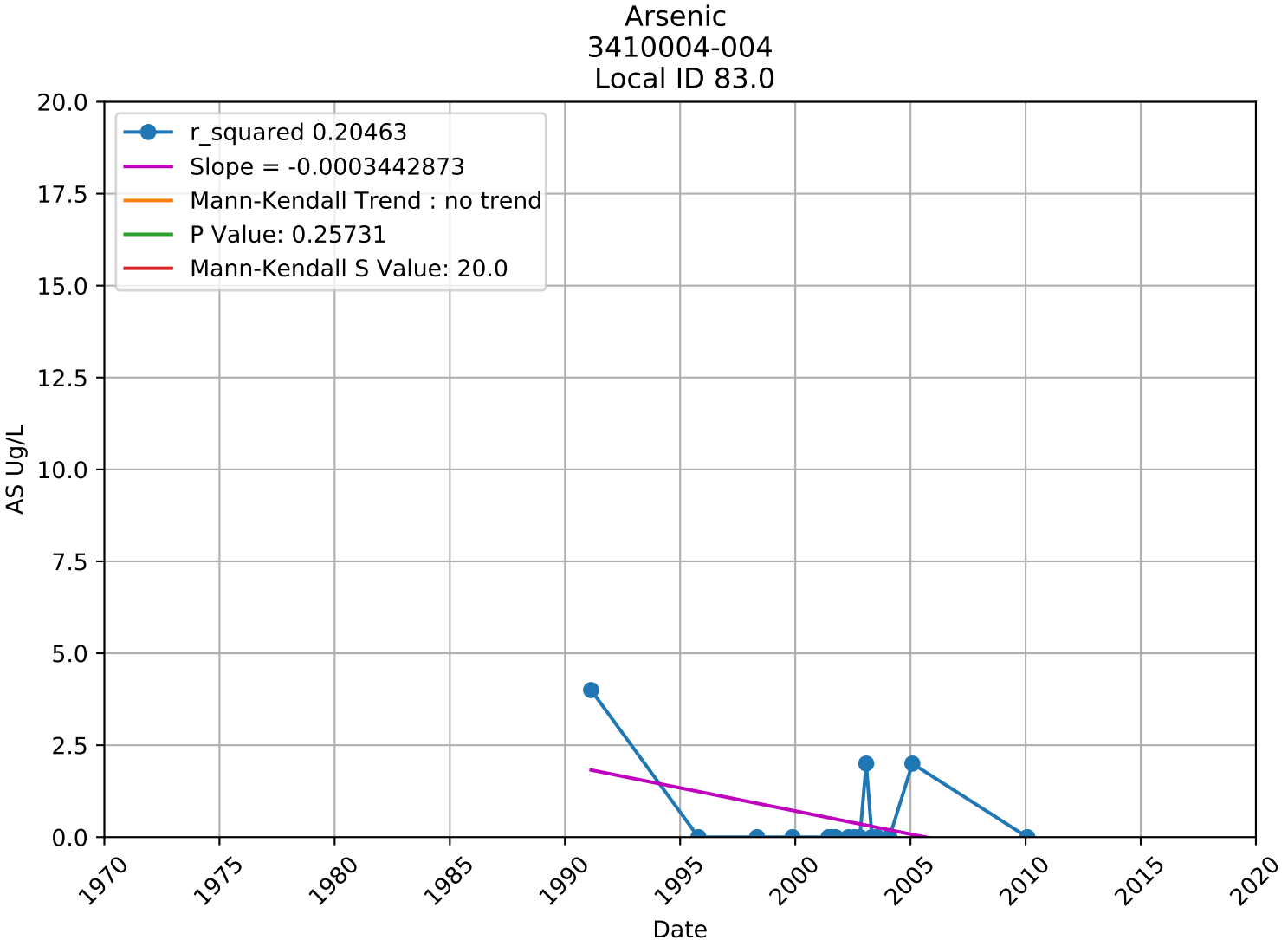

Arsenic
3410003-004
Local ID 245.0
r_squared 0.34900
Slope = -0.0004186198
Mann-Kendall Trend : no trend
P Value: 0.73410
Mann-Kendall S Value: -2.0
AS Ug/L
Date
20.0
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Arsenic
3410003-005
Local ID 162.0
r_squared 0.37794
Slope = -0.0004439923
Mann-Kendall Trend : no trend
P Value: 0.59151
Mann-Kendall S Value: -7.0
AS Ug/L
Date
20.0
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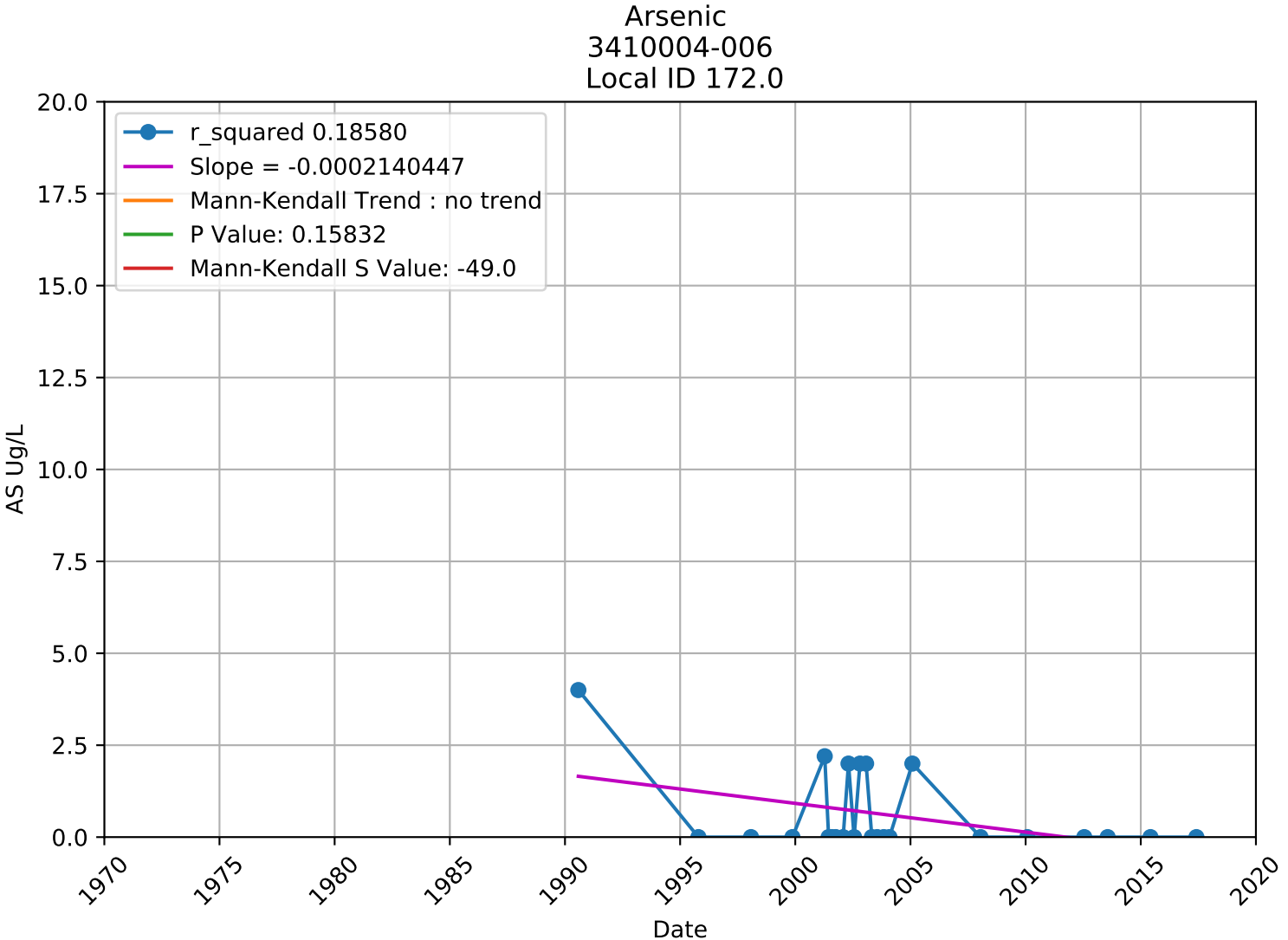

Arsenic
3410003-006
Local ID 251.0
r_squared 0.22731
Slope = -0.0003704502
Mann-Kendall Trend : no trend
P Value: 0.34808
Mann-Kendall S Value: 10.0
AS Ug/L
Date
20.0
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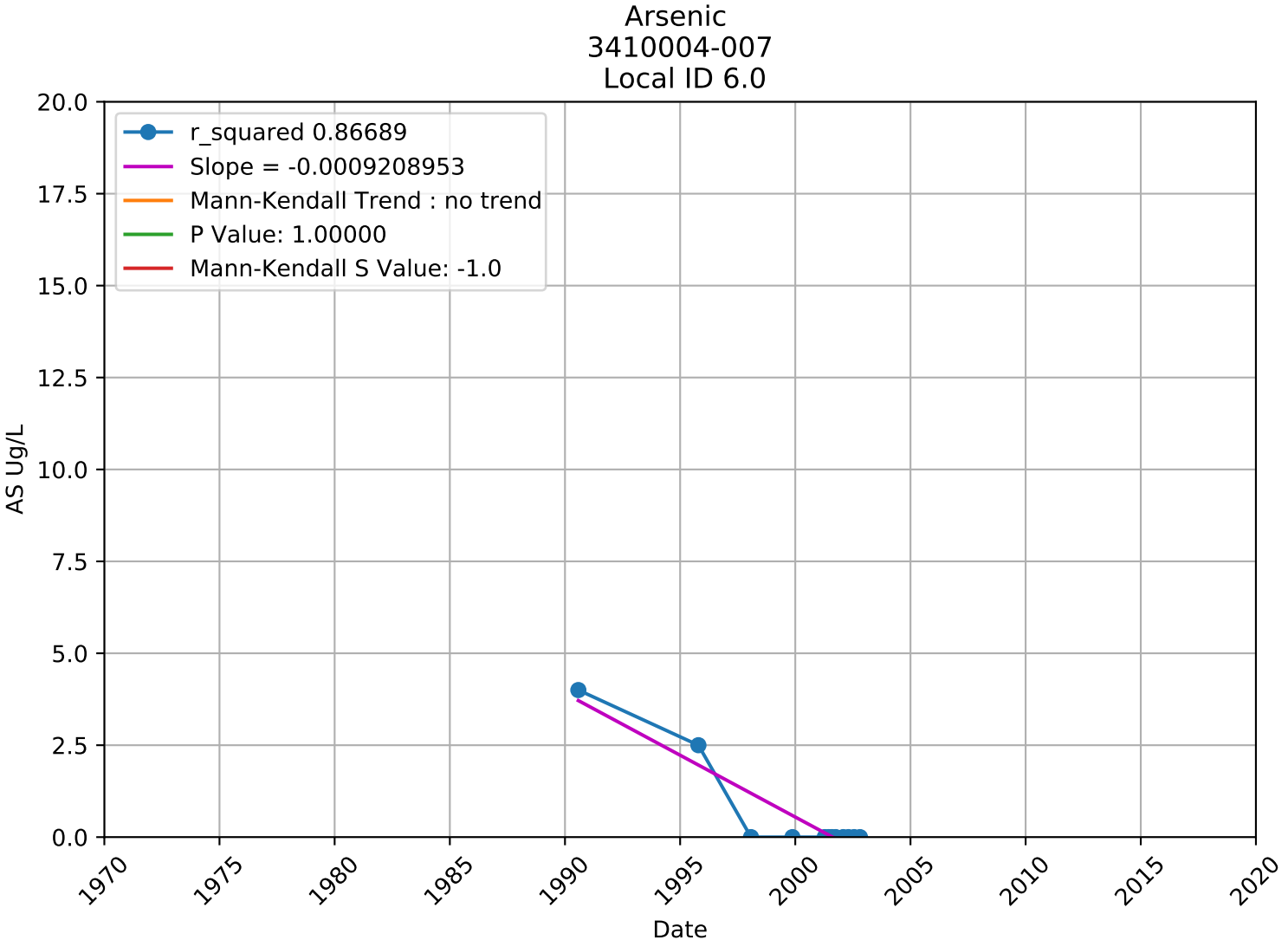

Arsenic
3410003-008
Local ID 238.0
r_squared 0.29201
Slope = -0.0003761453
Mann-Kendall Trend : no trend
P Value: 0.78762
Mann-Kendall S Value: -4.0
AS Ug/L
Date
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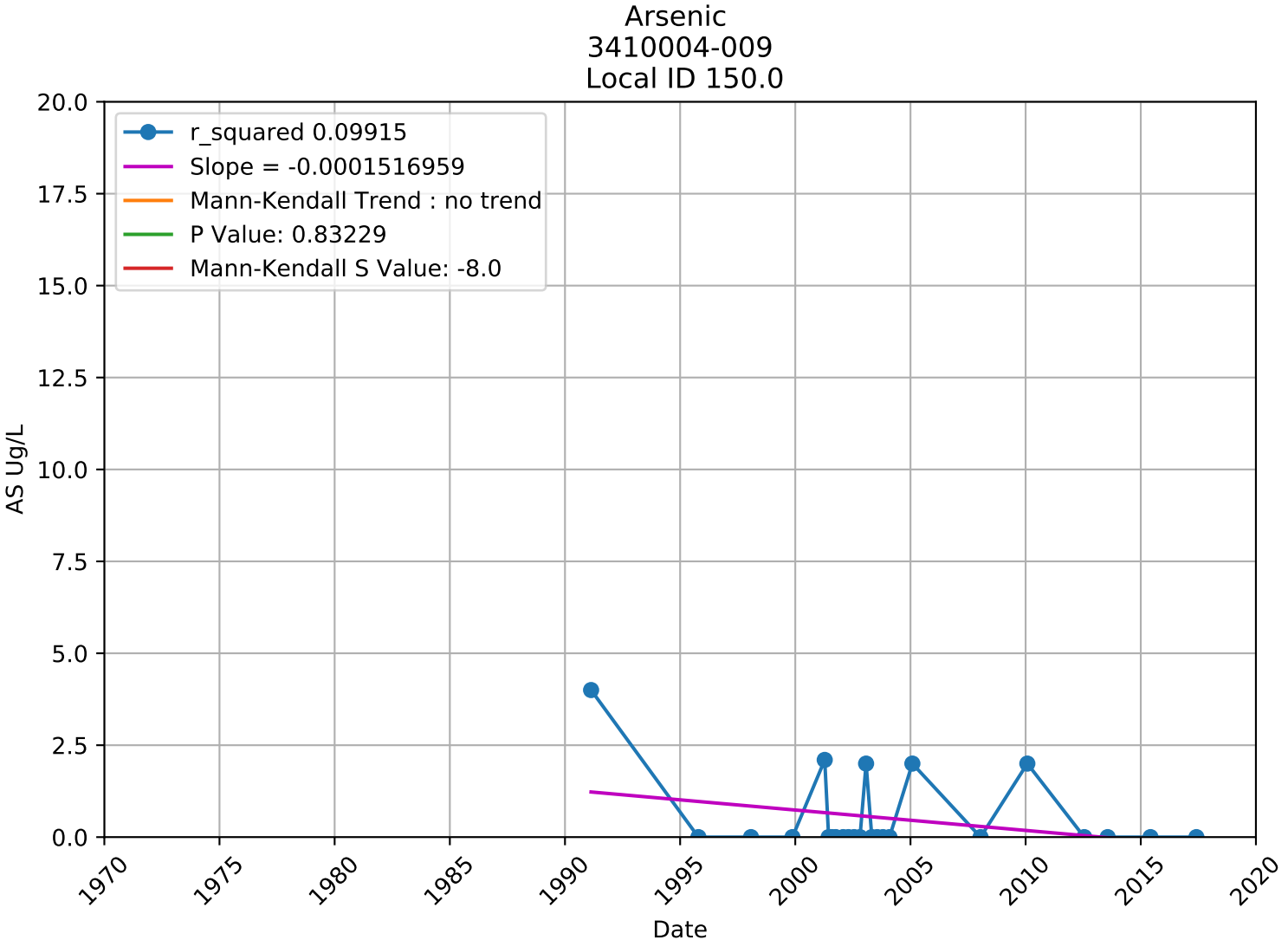

Arsenic
3410004-001
Local ID 74.0
r_squared 0.12519
Slope = 0.0003829556
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
AS Ug/L
Date
20.0
17.5
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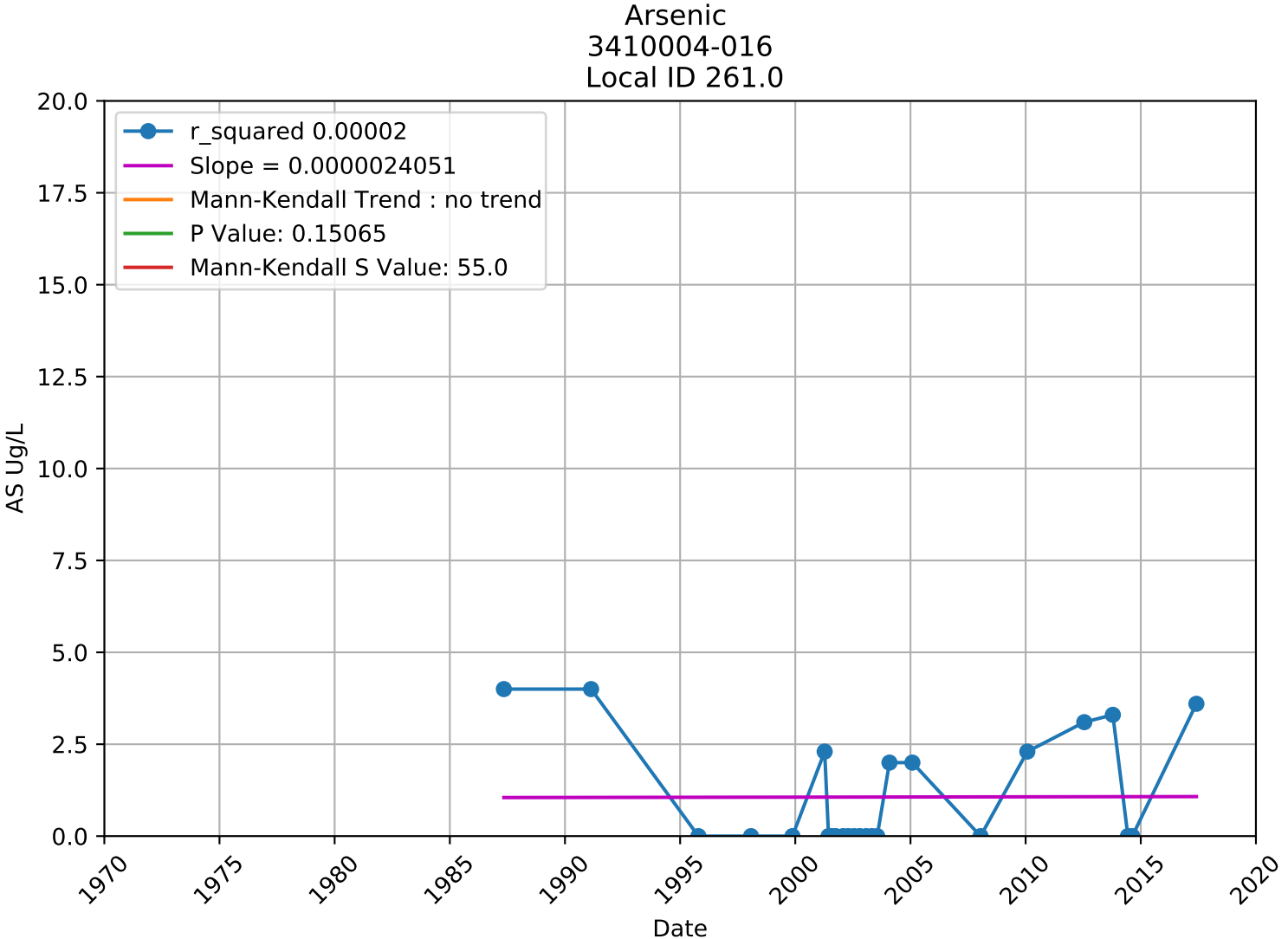

Arsenic
3410004-004
Local ID 83.0
r_squared 0.20463
Slope = -0.0003442873
Mann-Kendall Trend : no trend
P Value: 0.25731
Mann-Kendall S Value: 20.0
AS Ug/L
Date
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17.5
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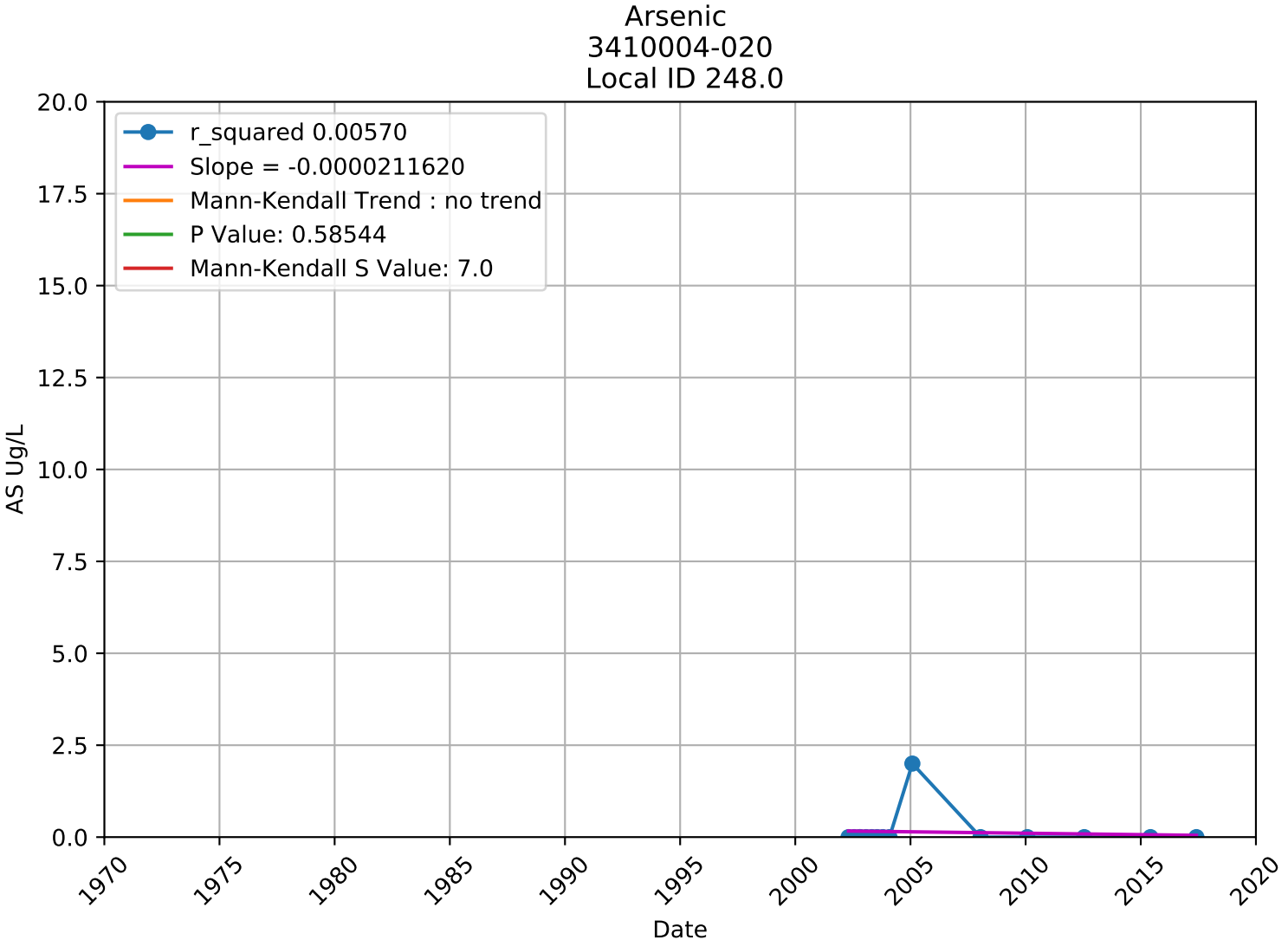

Arsenic
3410004-005
Local ID 175.0
r_squared 0.88225
Slope = -0.0010160279
Mann-Kendall Trend : no trend
P Value: 0.24157
Mann-Kendall S Value: -5.0
AS Ug/L
Date
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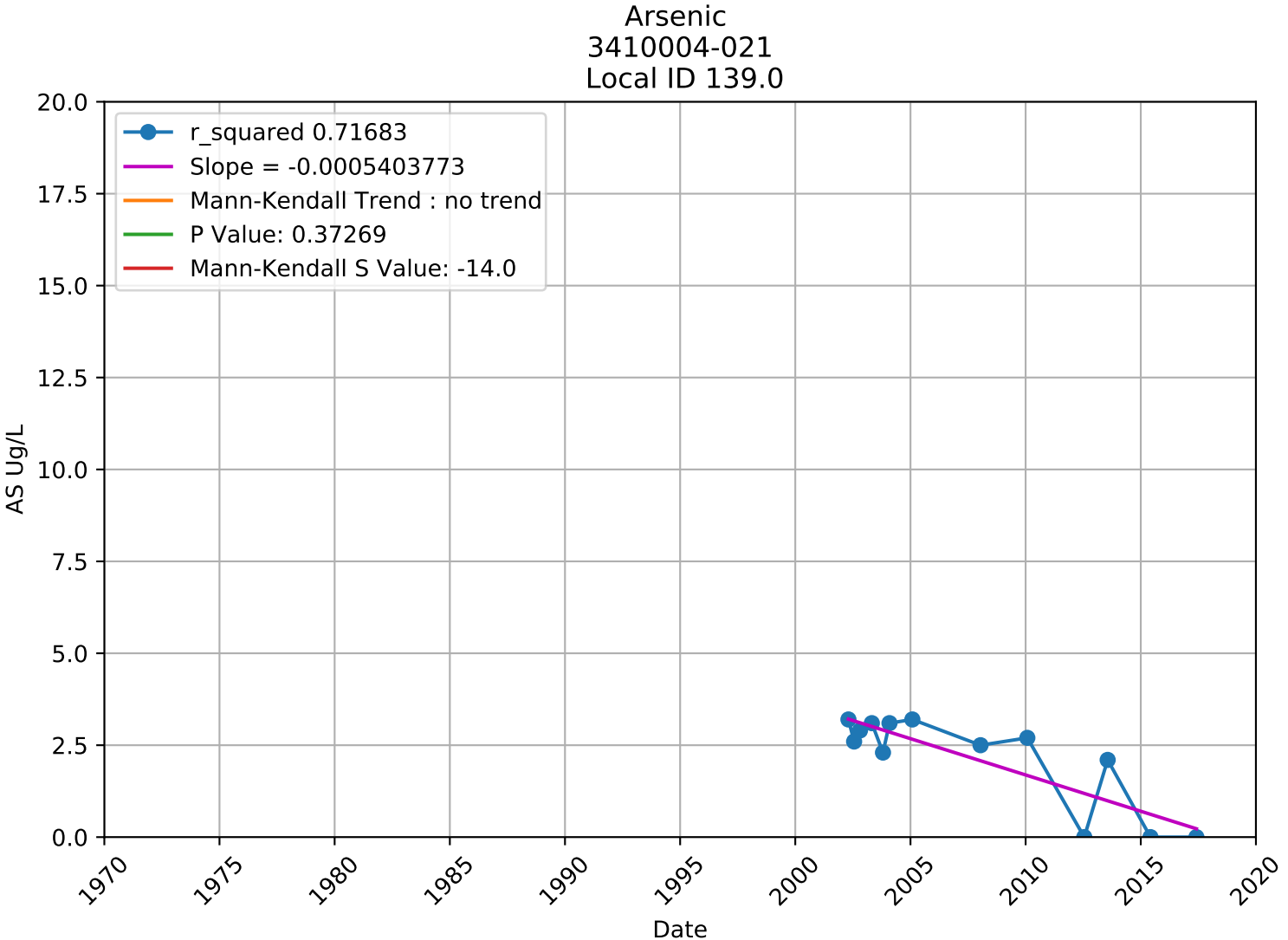

Arsenic
3410004-006
Local ID 172.0
r_squared 0.18580
Slope = -0.0002140447
Mann-Kendall Trend : no trend
P Value: 0.15832
Mann-Kendall S Value: -49.0
AS Ug/L
Date
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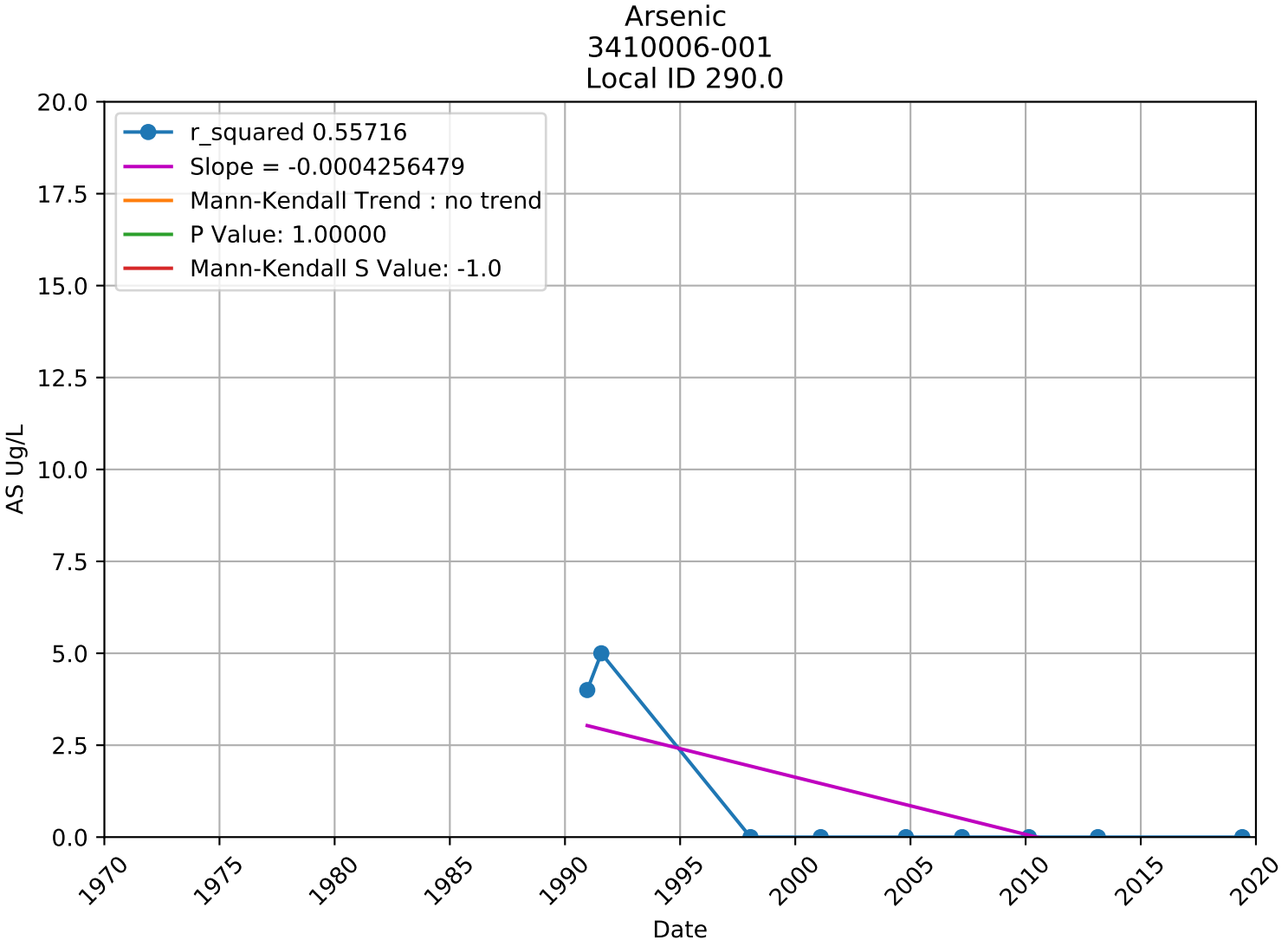

Arsenic
3410004-007
Local ID 6.0
r_squared 0.86689
Slope = -0.0009208953
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
AS Ug/L
Date
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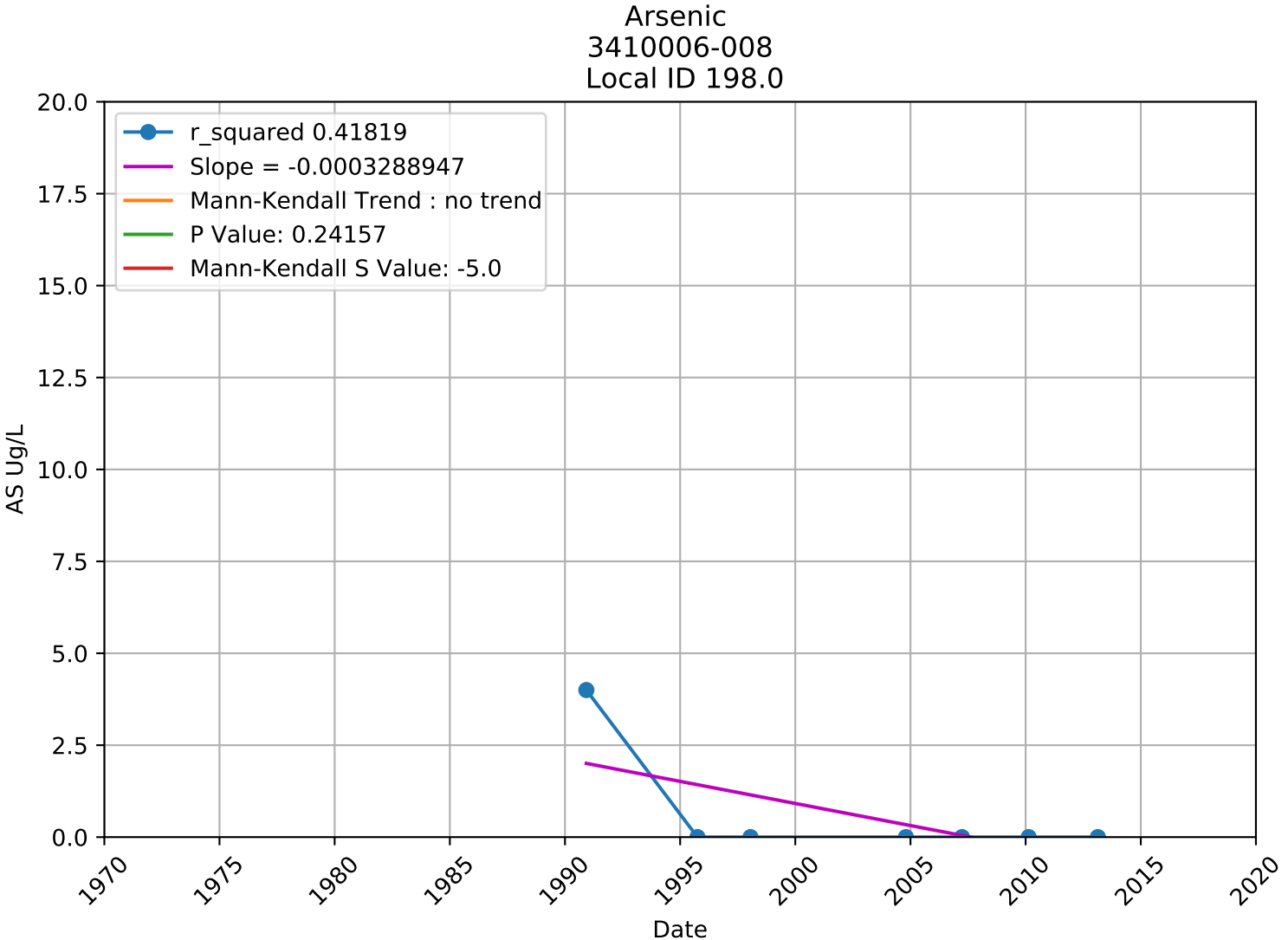

Arsenic
3410004-009
Local ID 150.0
r_squared 0.09915
Slope = -0.0001516959
Mann-Kendall Trend : no trend
P Value: 0.83229
Mann-Kendall S Value: -8.0
AS Ug/L
Date
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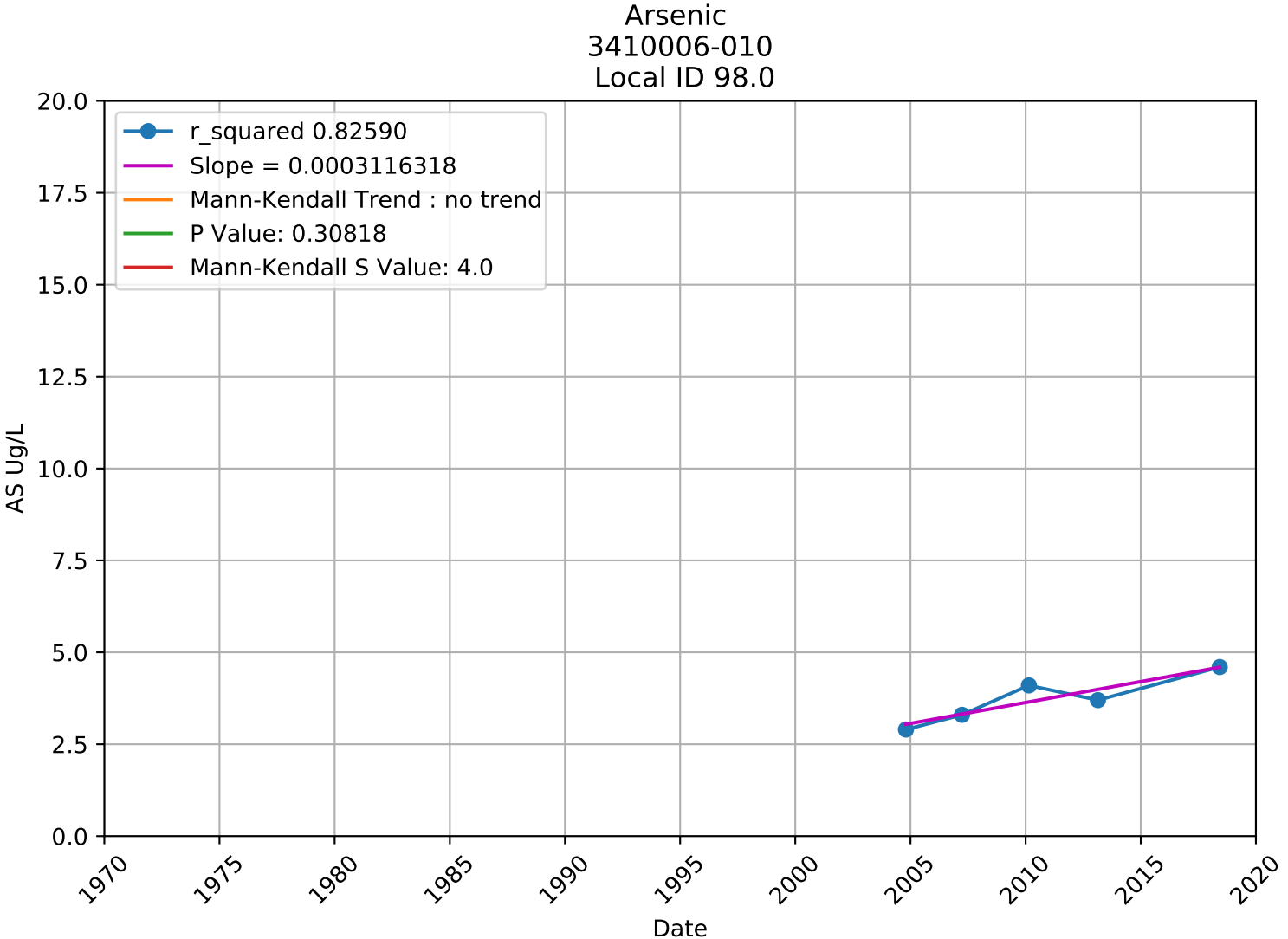

Arsenic
3410004-016
Local ID 261.0
r_squared 0.00002
Slope = 0.0000024051
Mann-Kendall Trend : no trend
P Value: 0.15065
Mann-Kendall S Value: 55.0
AS Ug/L
Date
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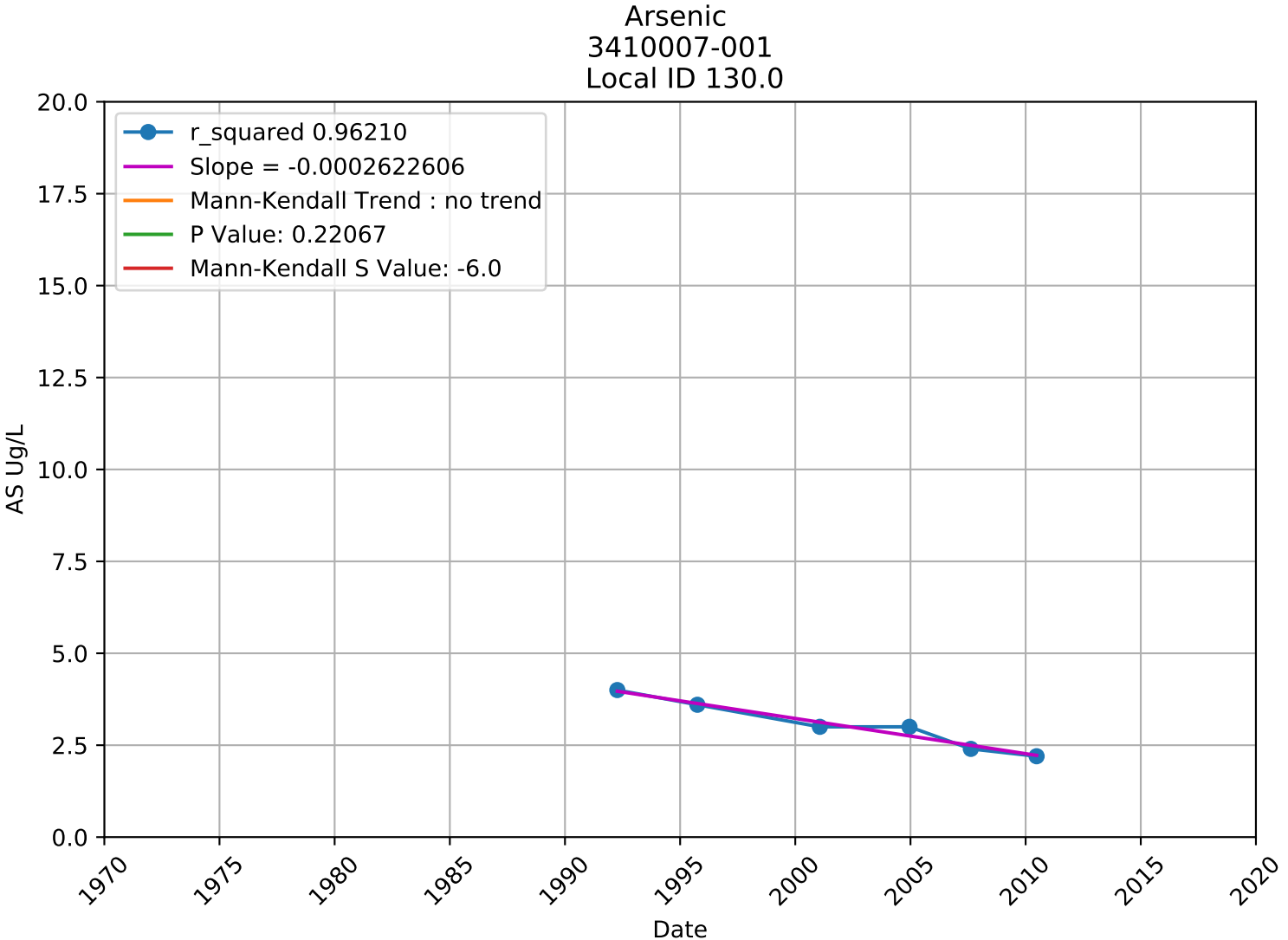

Arsenic
3410004-020
Local ID 248.0
r_squared 0.00570
Slope = -0.0000211620
Mann-Kendall Trend : no trend
P Value: 0.58544
Mann-Kendall S Value: 7.0
AS Ug/L
Date
20.0
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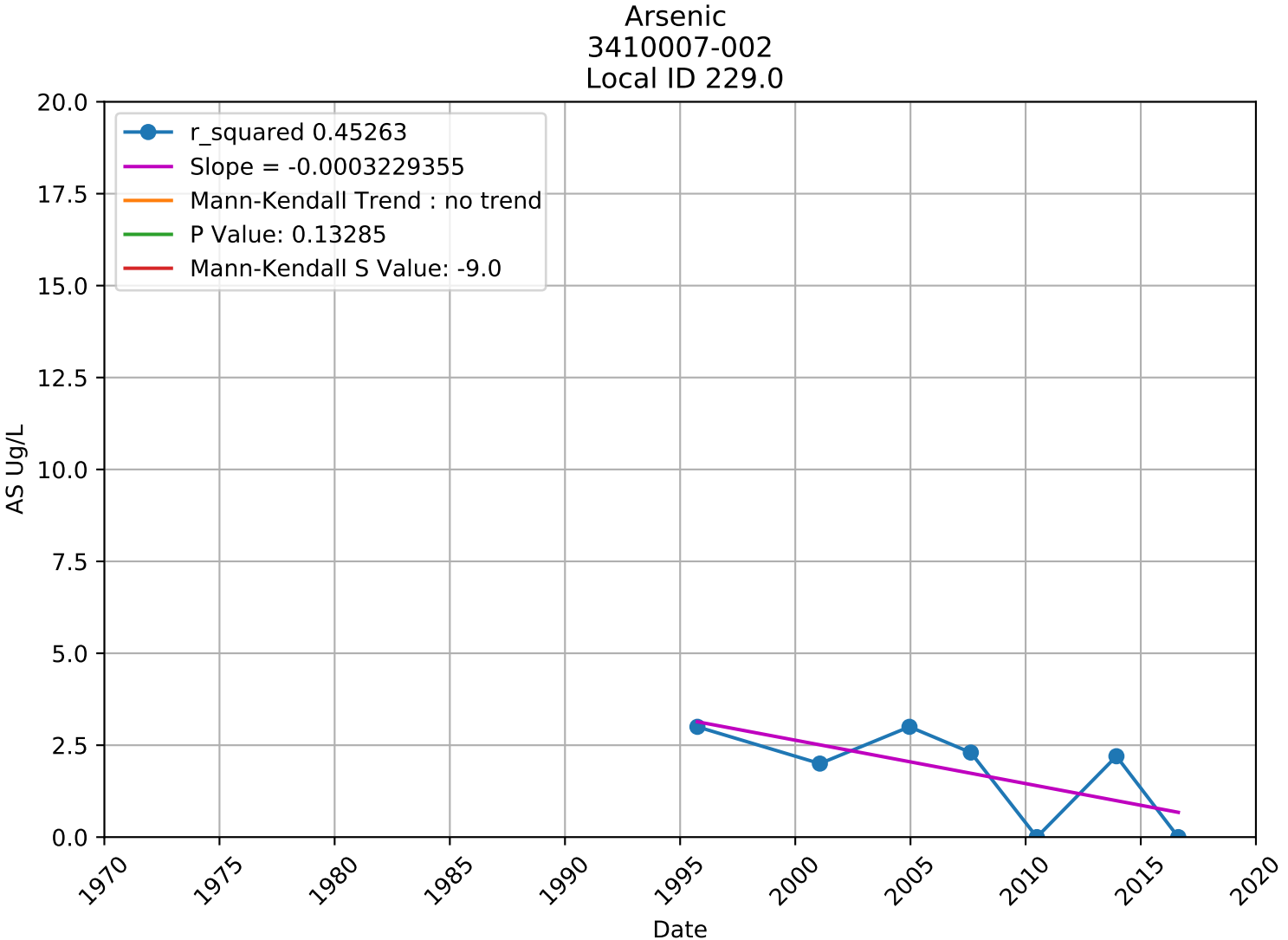

Arsenic
3410004-021
Local ID 139.0
r_squared 0.71683
Slope = -0.0005403773
Mann-Kendall Trend : no trend
P Value: 0.37269
Mann-Kendall S Value: -14.0
AS Ug/L
Date
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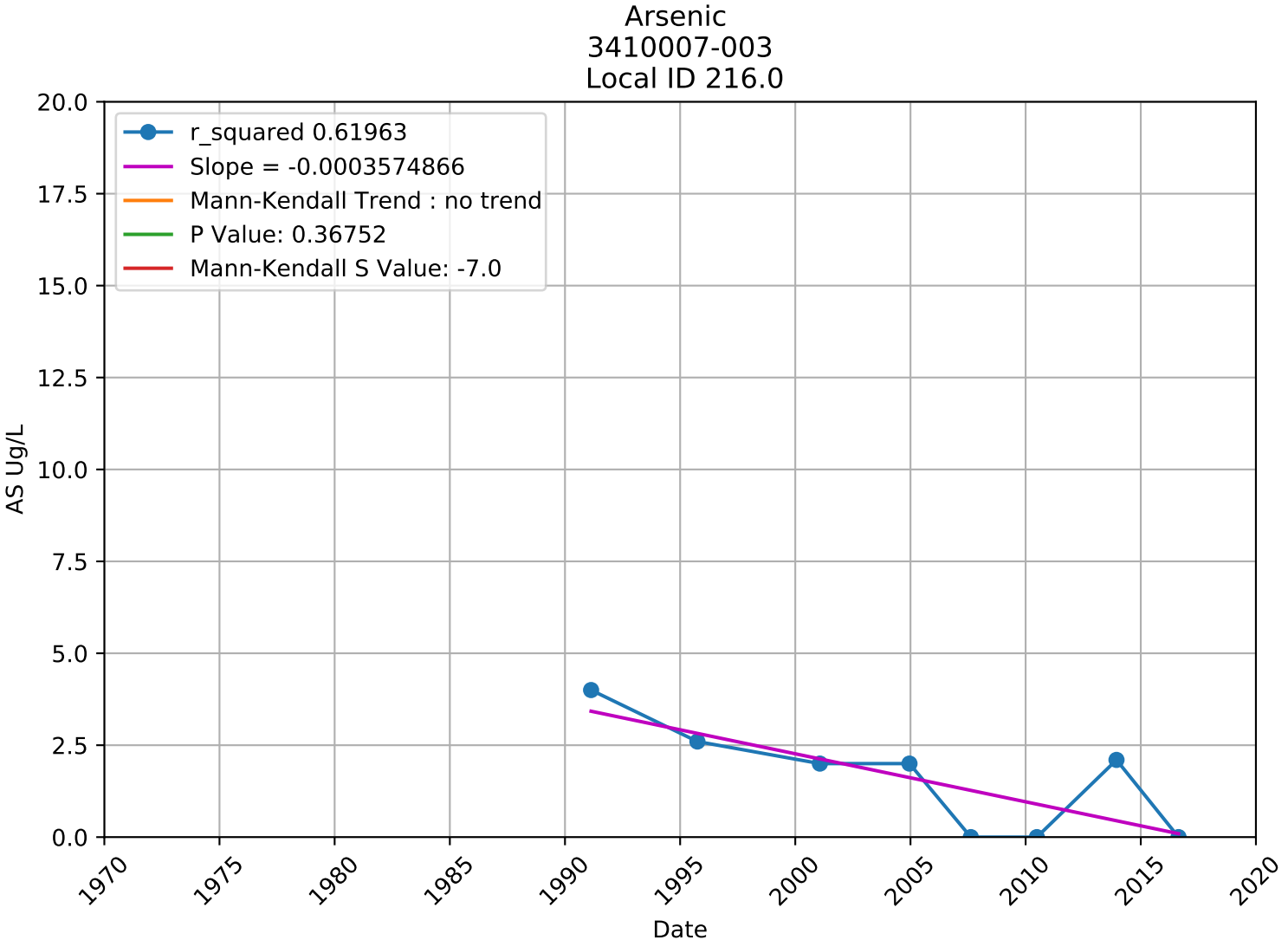

Arsenic
3410006-001
Local ID 290.0
r_squared 0.55716
Slope = -0.0004256479
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
AS Ug/L
Date
20.0
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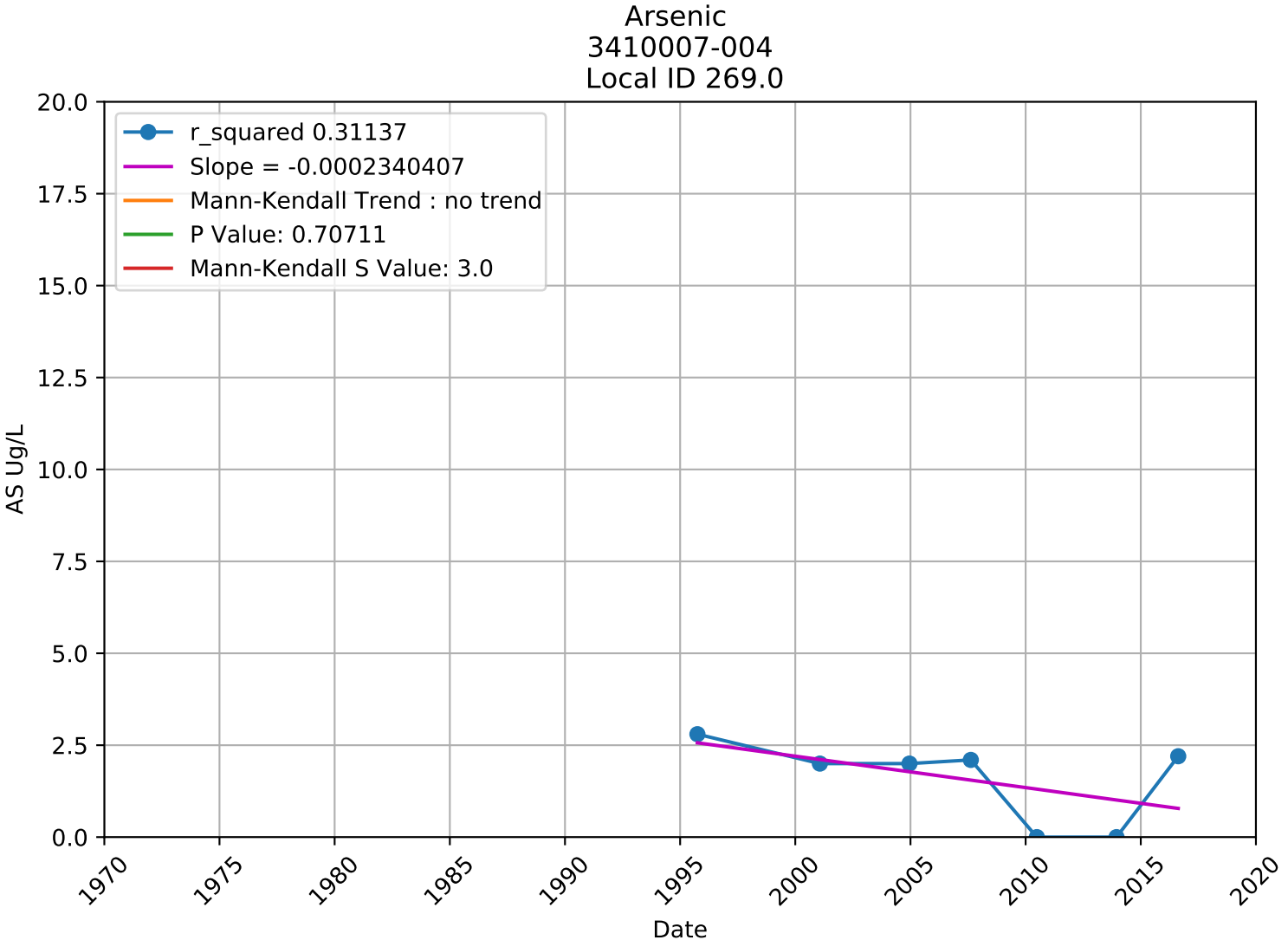

Arsenic
3410006-008
Local ID 198.0
r_squared 0.41819
Slope = -0.0003288947
Mann-Kendall Trend : no trend
P Value: 0.24157
Mann-Kendall S Value: -5.0
AS Ug/L
Date
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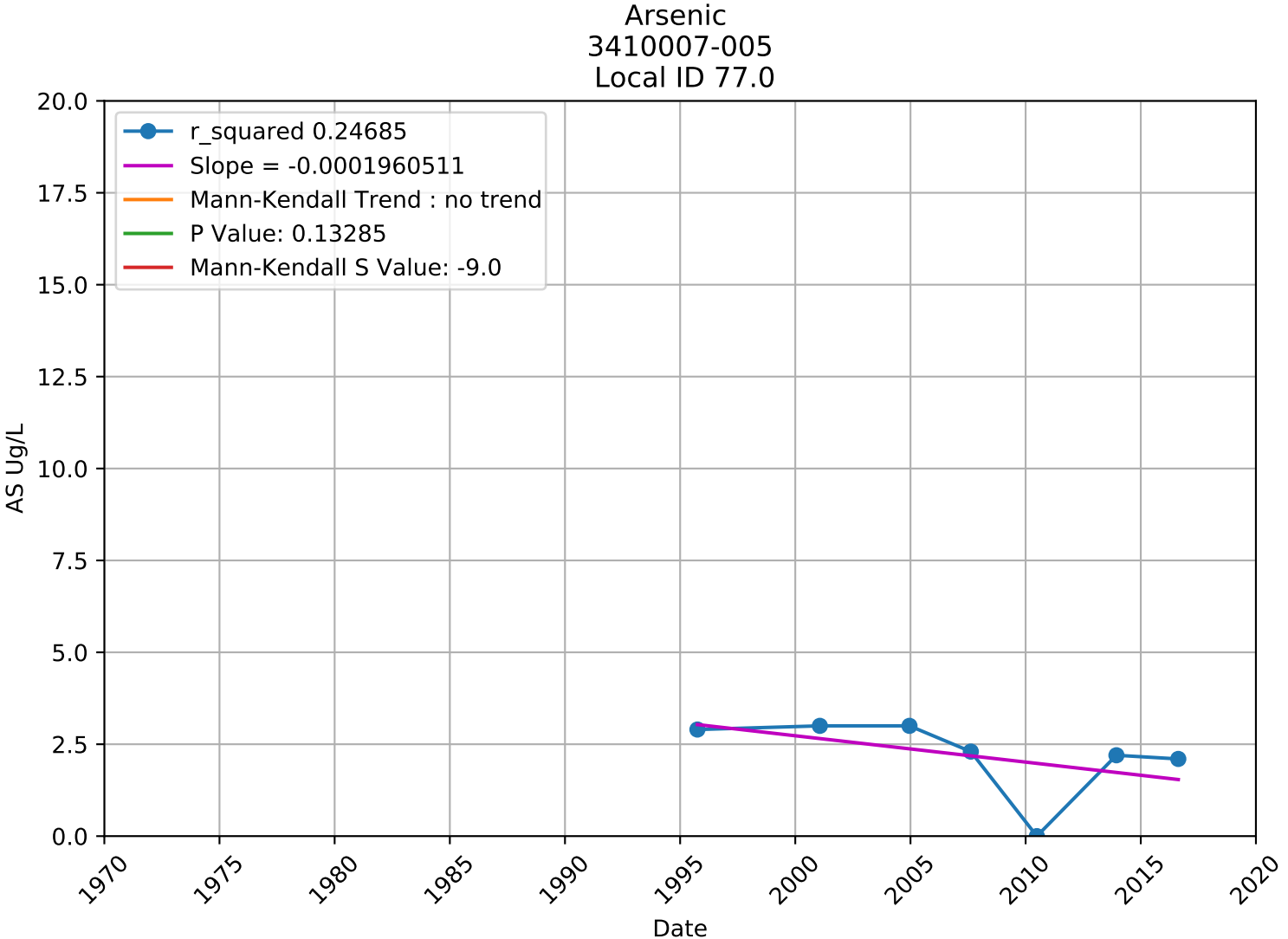

Arsenic
3410006-010
Local ID 98.0
r_squared 0.82590
Slope = 0.0003116318
Mann-Kendall Trend : no trend
P Value: 0.30818
Mann-Kendall S Value: 4.0
AS Ug/L
Date
20.0
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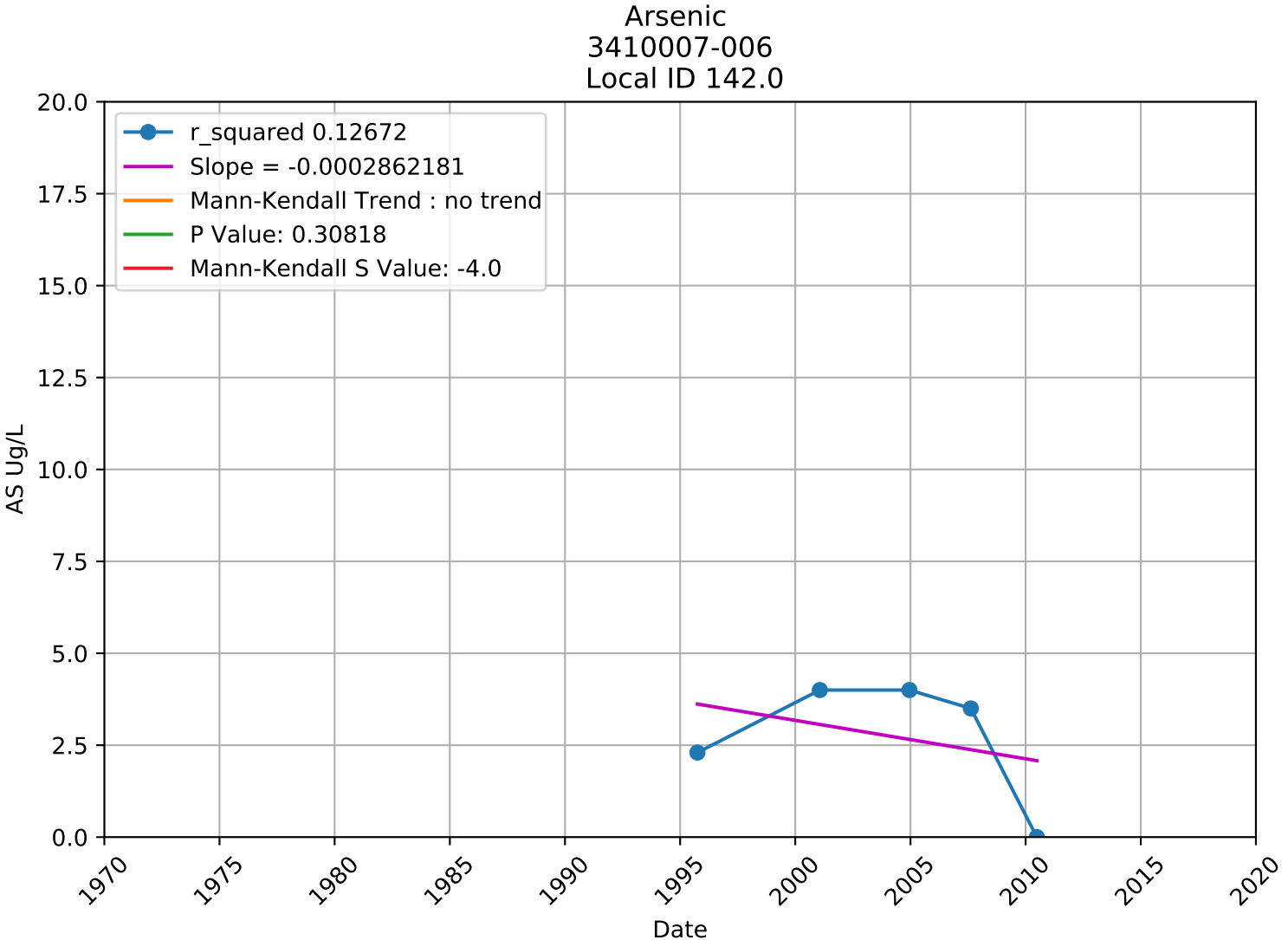

Arsenic
3410007-001
Local ID 130.0
r_squared 0.96210
Slope = -0.0002622606
Mann-Kendall Trend : no trend
P Value: 0.22067
Mann-Kendall S Value: -6.0
AS Ug/L
Date
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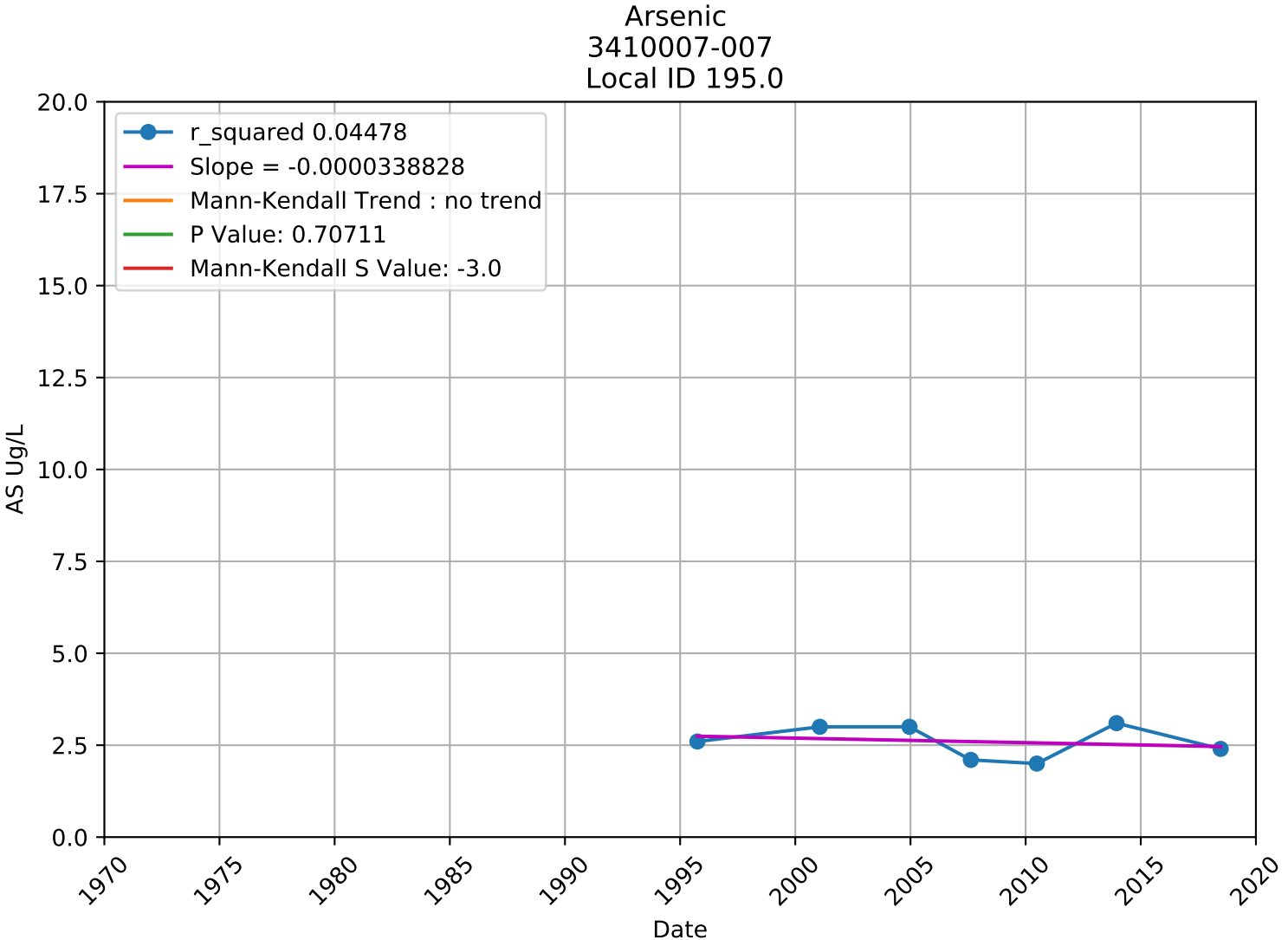

Arsenic
3410007-002
Local ID 229.0
r_squared 0.45263
Slope = -0.0003229355
Mann-Kendall Trend : no trend
P Value: 0.13285
Mann-Kendall S Value: -9.0
AS Ug/L
Date
20.0
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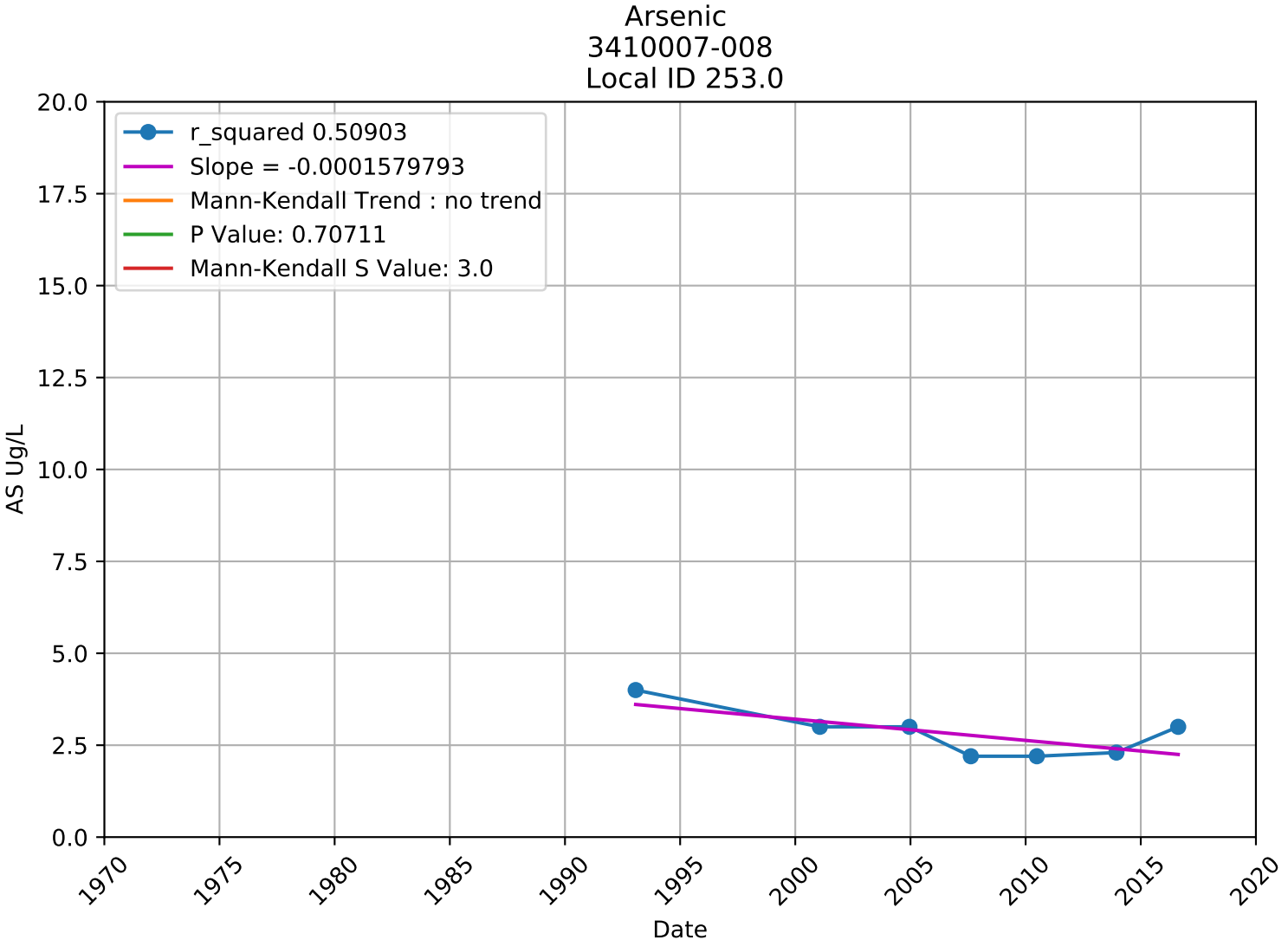

Arsenic
3410007-003
Local ID 216.0
r_squared 0.61963
Slope = -0.0003574866
Mann-Kendall Trend : no trend
P Value: 0.36752
Mann-Kendall S Value: -7.0
AS Ug/L
Date
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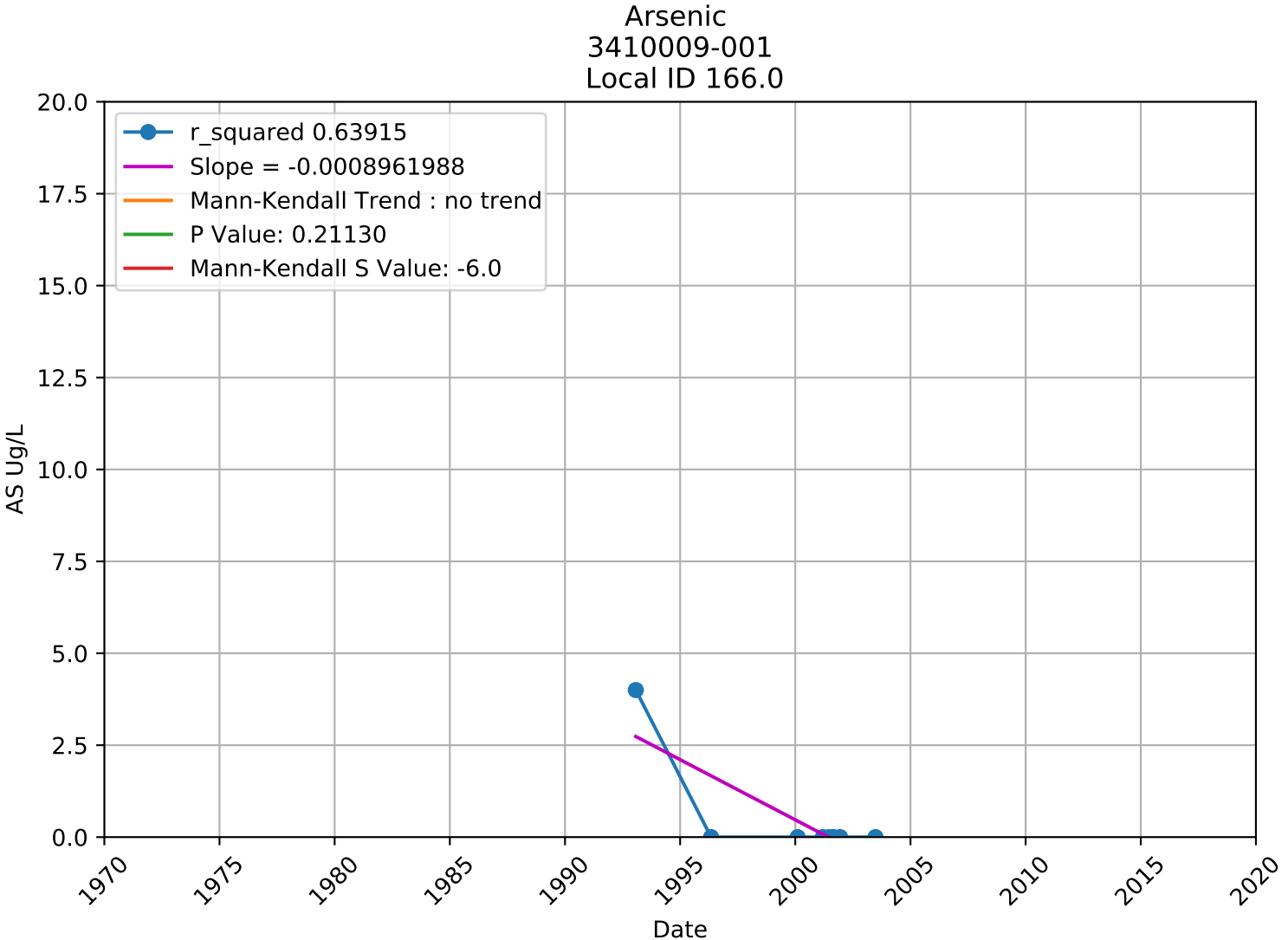

Arsenic
3410007-004
Local ID 269.0
r_squared 0.31137
Slope = -0.0002340407
Mann-Kendall Trend : no trend
P Value: 0.70711
Mann-Kendall S Value: 3.0
AS Ug/L
Date
20.0
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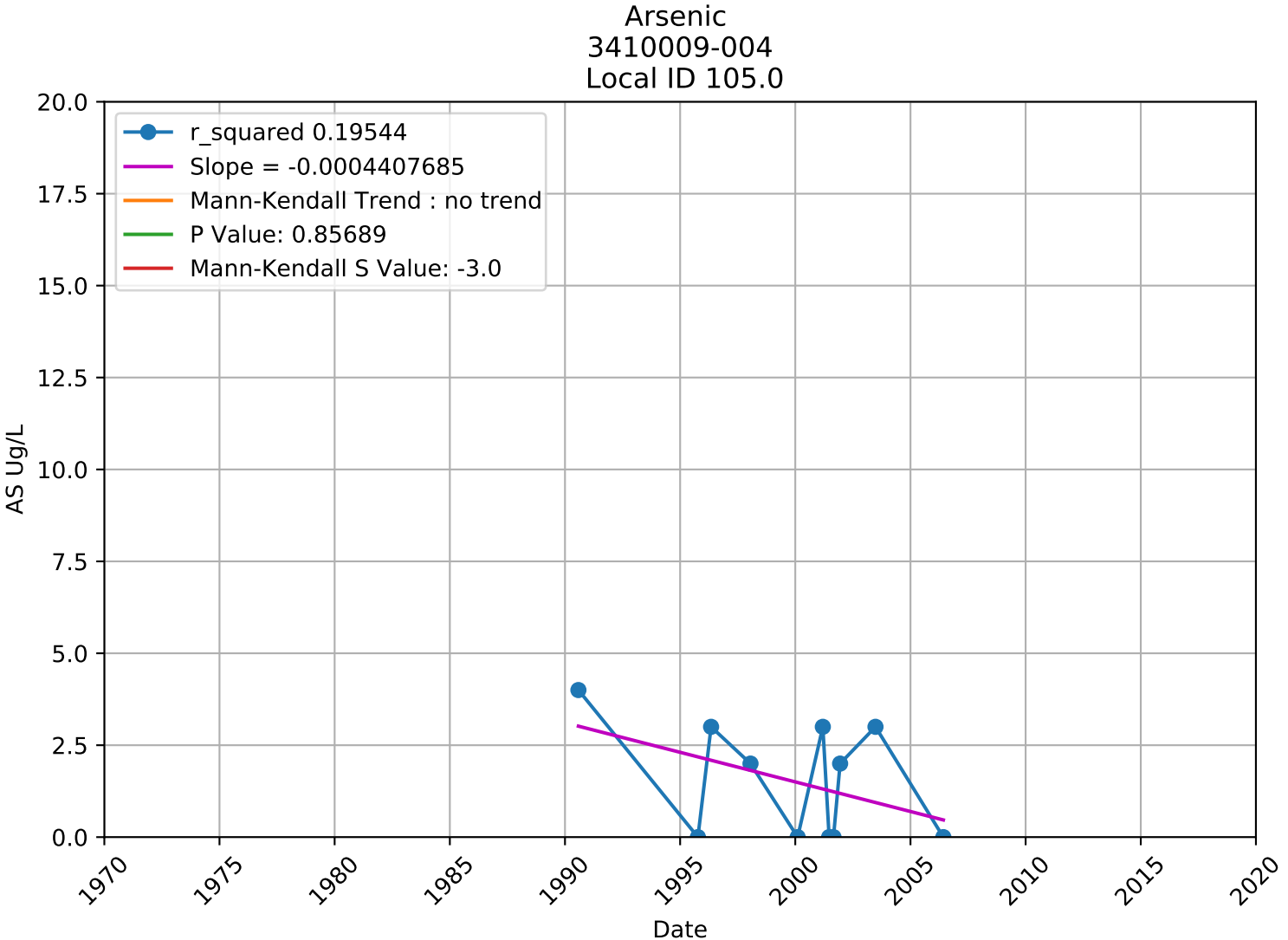

Arsenic
3410007-005
Local ID 77.0
r_squared 0.24685
Slope = -0.0001960511
Mann-Kendall Trend : no trend
P Value: 0.13285
Mann-Kendall S Value: -9.0
AS Ug/L
Date
20.0
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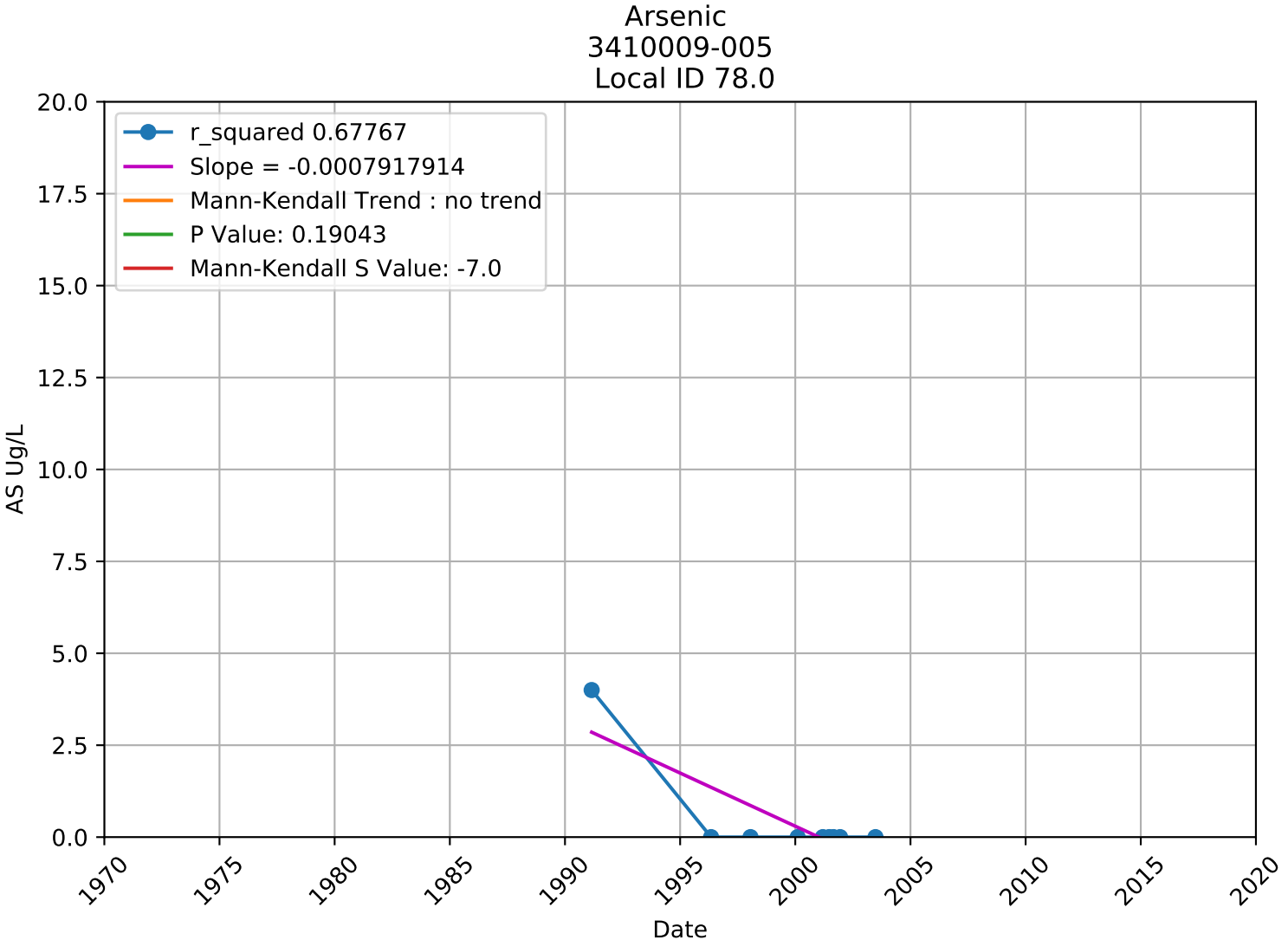

Arsenic
3410007-006
Local ID 142.0
r_squared 0.12672
Slope = -0.0002862181
Mann-Kendall Trend : no trend
P Value: 0.30818
Mann-Kendall S Value: -4.0
AS Ug/L
Date
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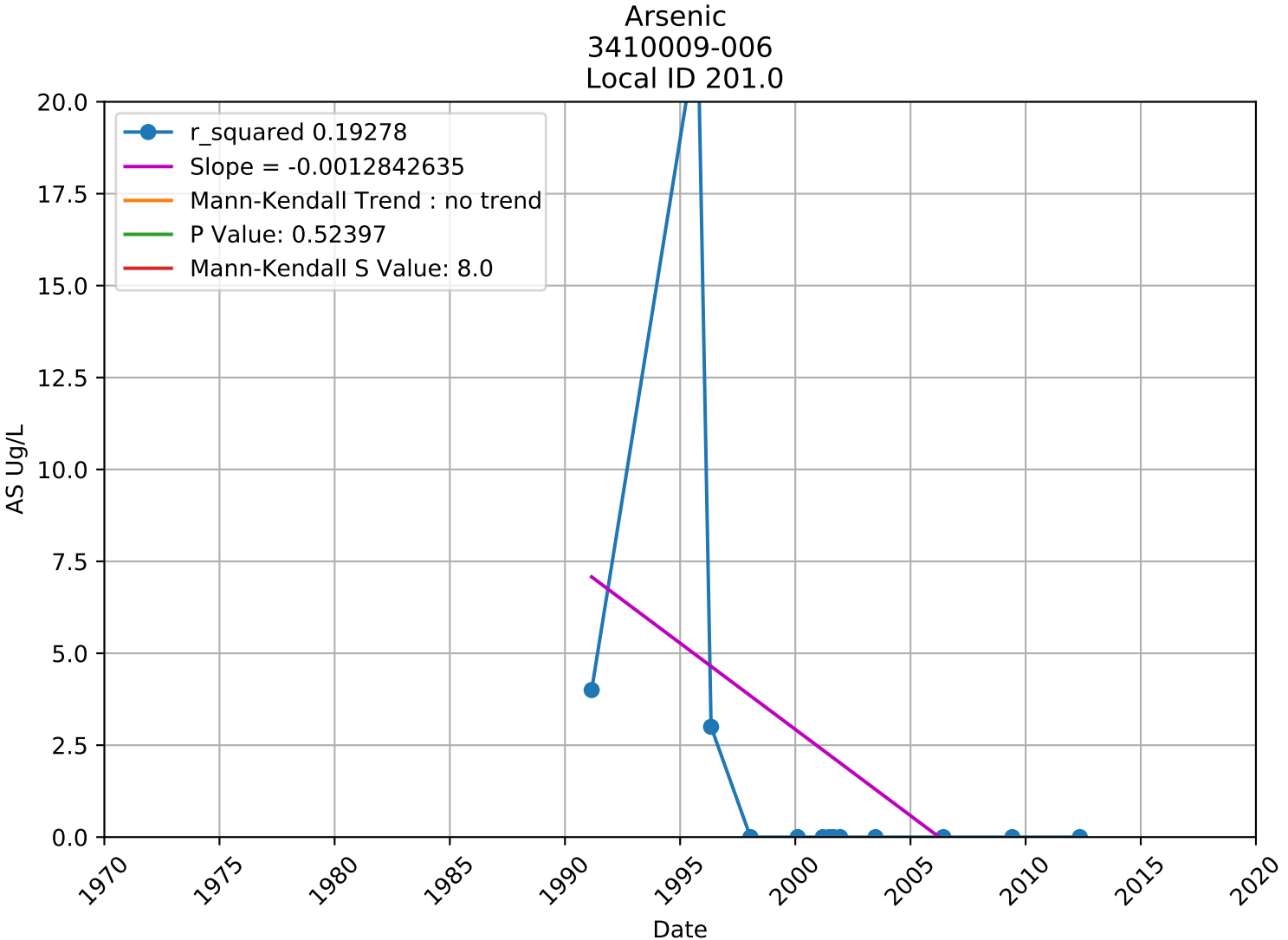

Arsenic
3410007-007
Local ID 195.0
r_squared 0.04478
Slope = -0.0000338828
Mann-Kendall Trend : no trend
P Value: 0.70711
Mann-Kendall S Value: -3.0
AS Ug/L
Date
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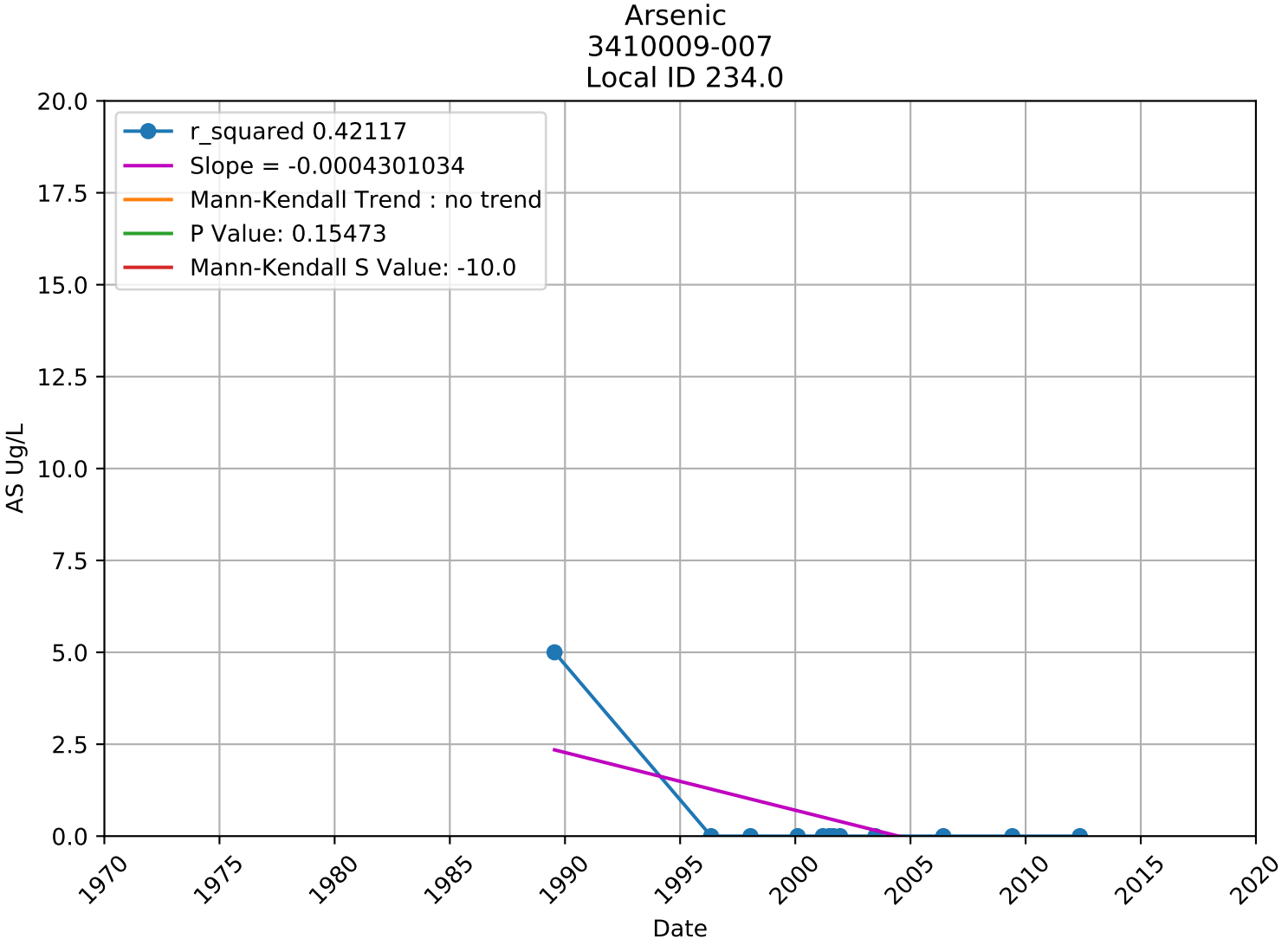

Arsenic
3410007-008
Local ID 253.0
r_squared 0.50903
Slope = -0.0001579793
Mann-Kendall Trend : no trend
P Value: 0.70711
Mann-Kendall S Value: 3.0
AS Ug/L
Date
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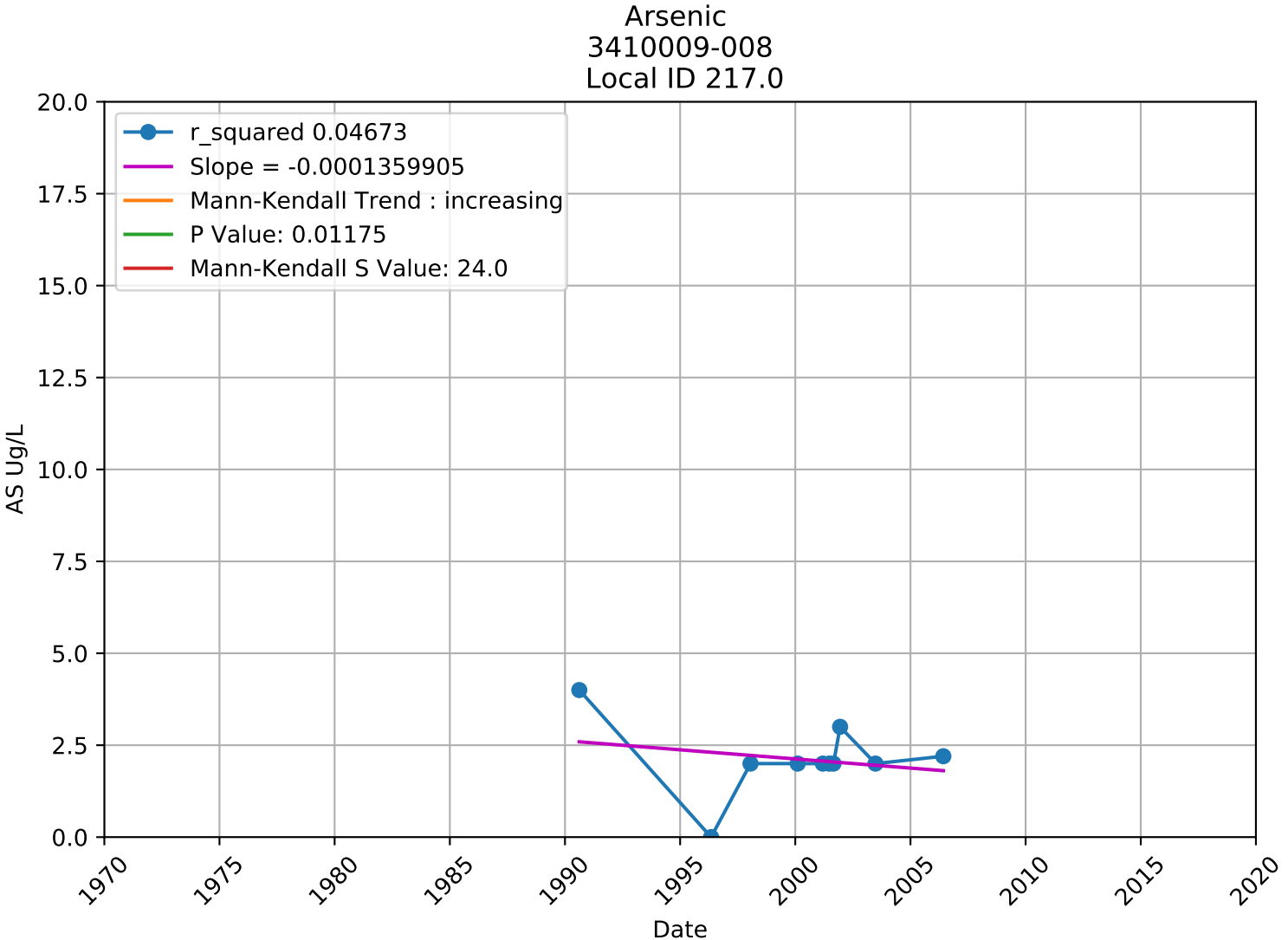

Arsenic
3410009-001
Local ID 166.0
r_squared 0.63915
Slope = -0.0008961988
Mann-Kendall Trend : no trend
P Value: 0.21130
Mann-Kendall S Value: -6.0
AS Ug/L
Date
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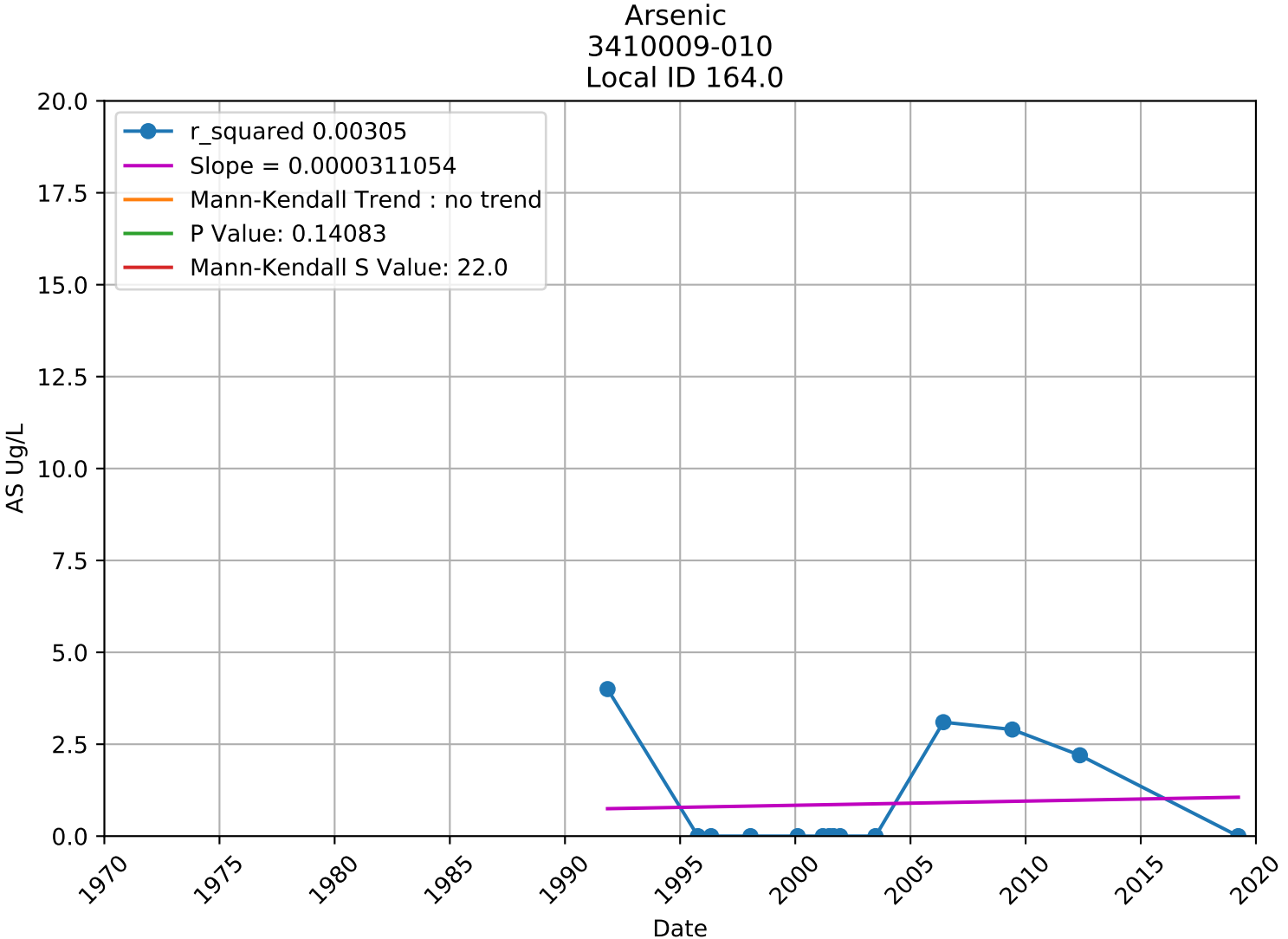

Arsenic
3410009-004
Local ID 105.0
r_squared 0.19544
Slope = -0.0004407685
Mann-Kendall Trend : no trend
P Value: 0.85689
Mann-Kendall S Value: -3.0
AS Ug/L
Date
20.0
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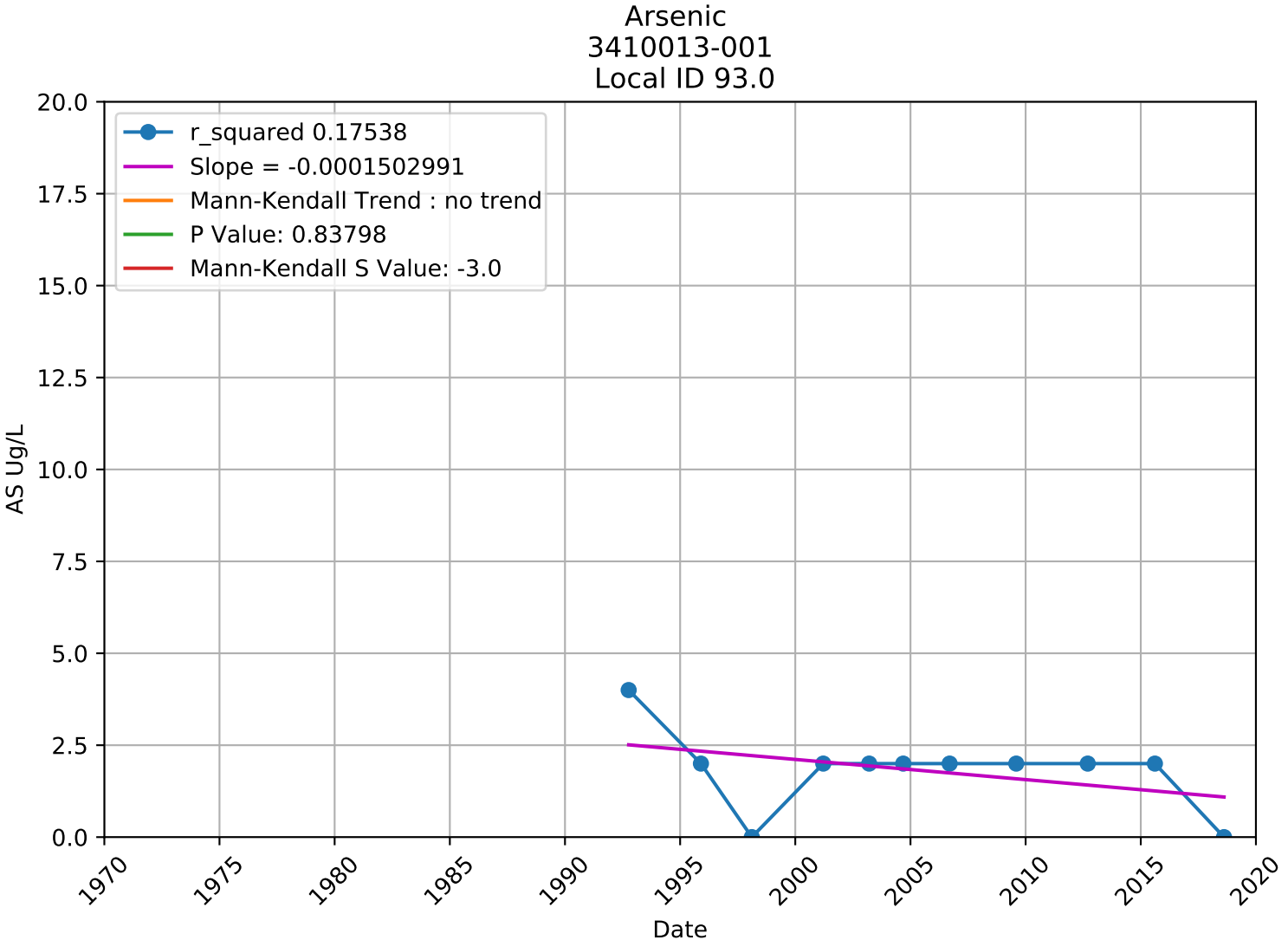

Arsenic
3410009-005
Local ID 78.0
r_squared 0.67767
Slope = -0.0007917914
Mann-Kendall Trend : no trend
P Value: 0.19043
Mann-Kendall S Value: -7.0
AS Ug/L
Date
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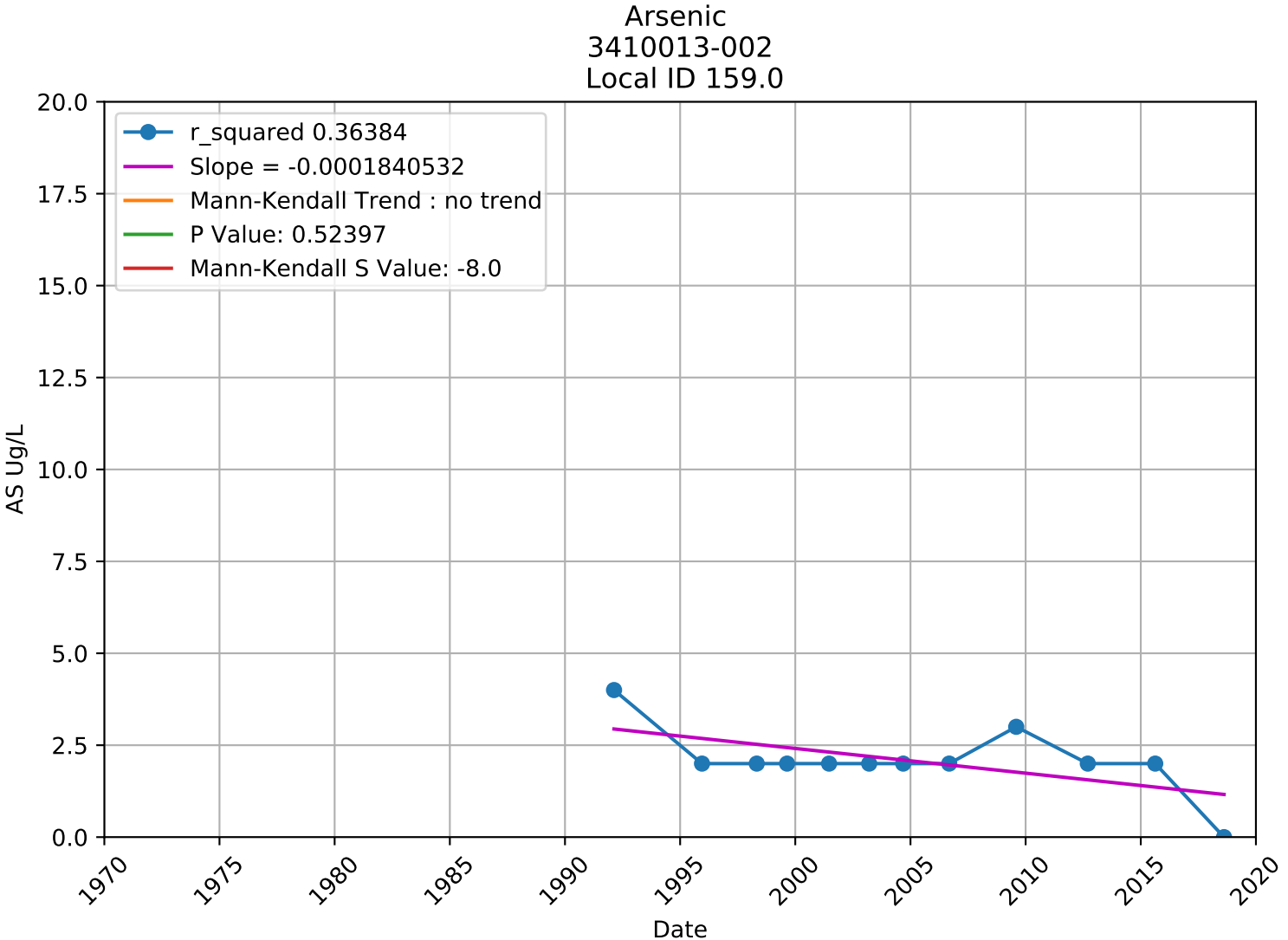

Arsenic
3410009-006
Local ID 201.0
r_squared 0.19278
Slope = -0.0012842635
Mann-Kendall Trend : no trend
P Value: 0.52397
Mann-Kendall S Value: 8.0
AS Ug/L
Date
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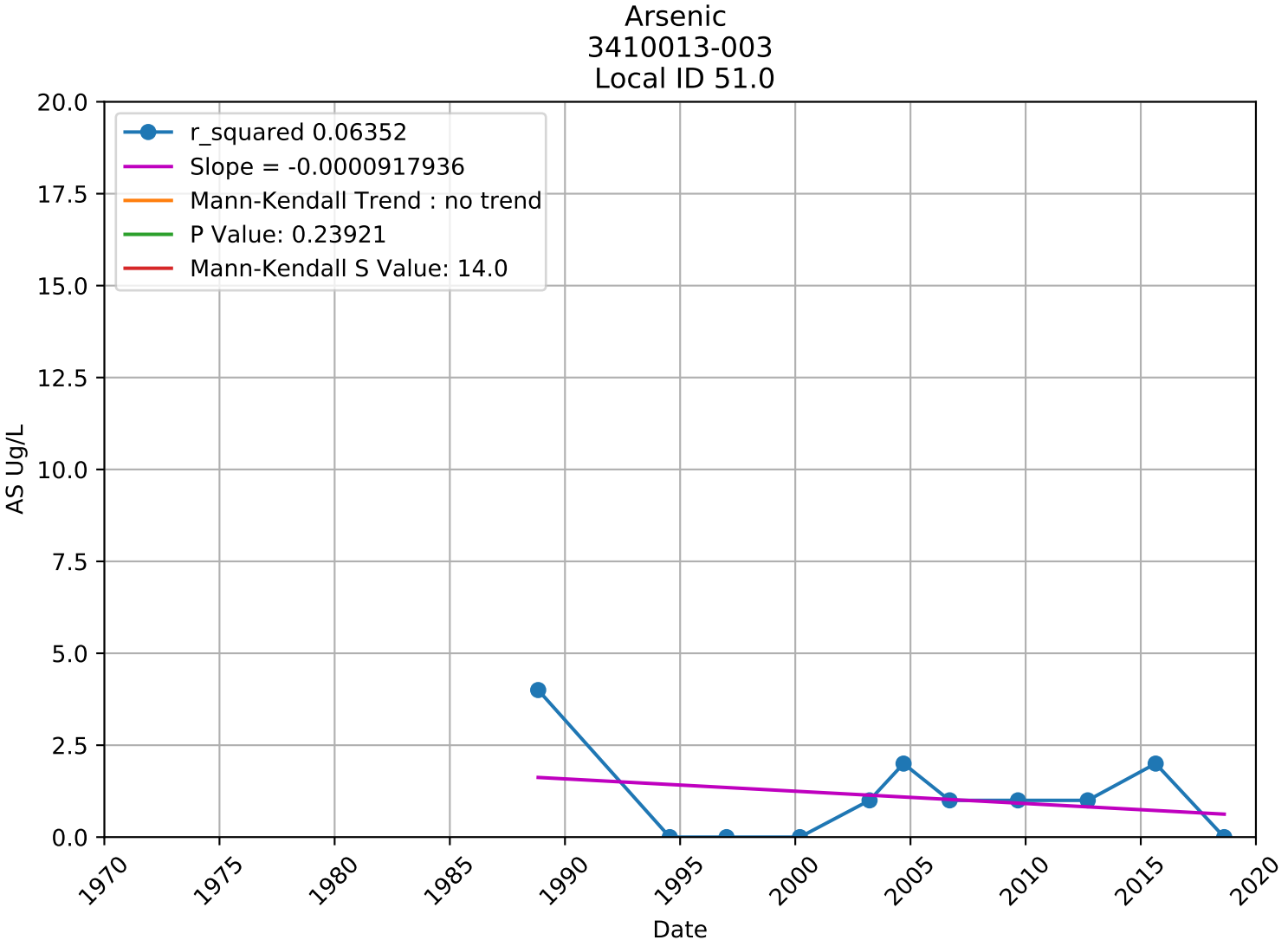

Arsenic
3410009-007
Local ID 234.0
r_squared 0.42117
Slope = -0.0004301034
Mann-Kendall Trend : no trend
P Value: 0.15473
Mann-Kendall S Value: -10.0
AS Ug/L
Date
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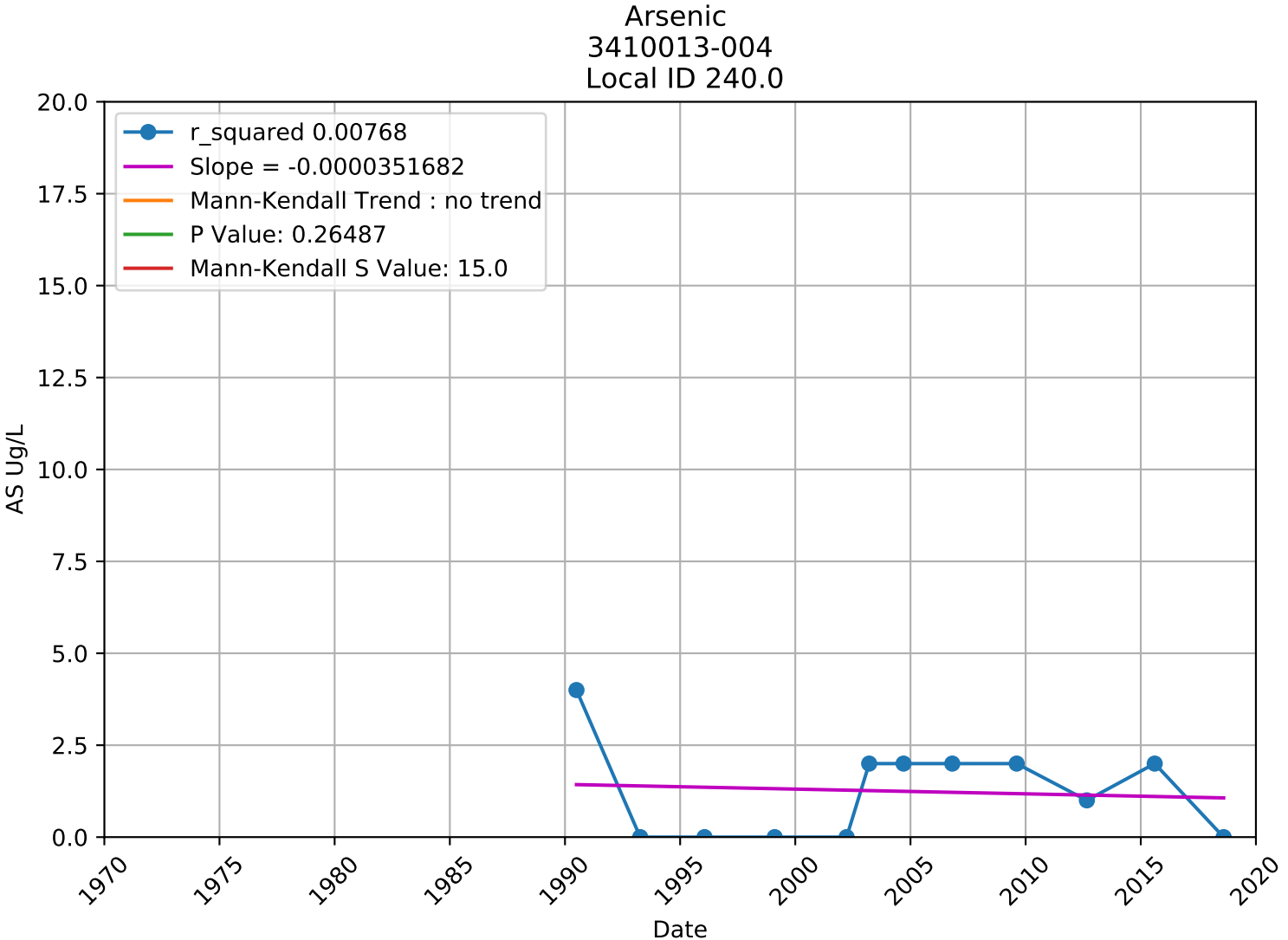

Arsenic
3410009-008
Local ID 217.0
r_squared 0.04673
Slope = -0.0001359905
Mann-Kendall Trend : increasing
P Value: 0.01175
Mann-Kendall S Value: 24.0
AS Ug/L
Date
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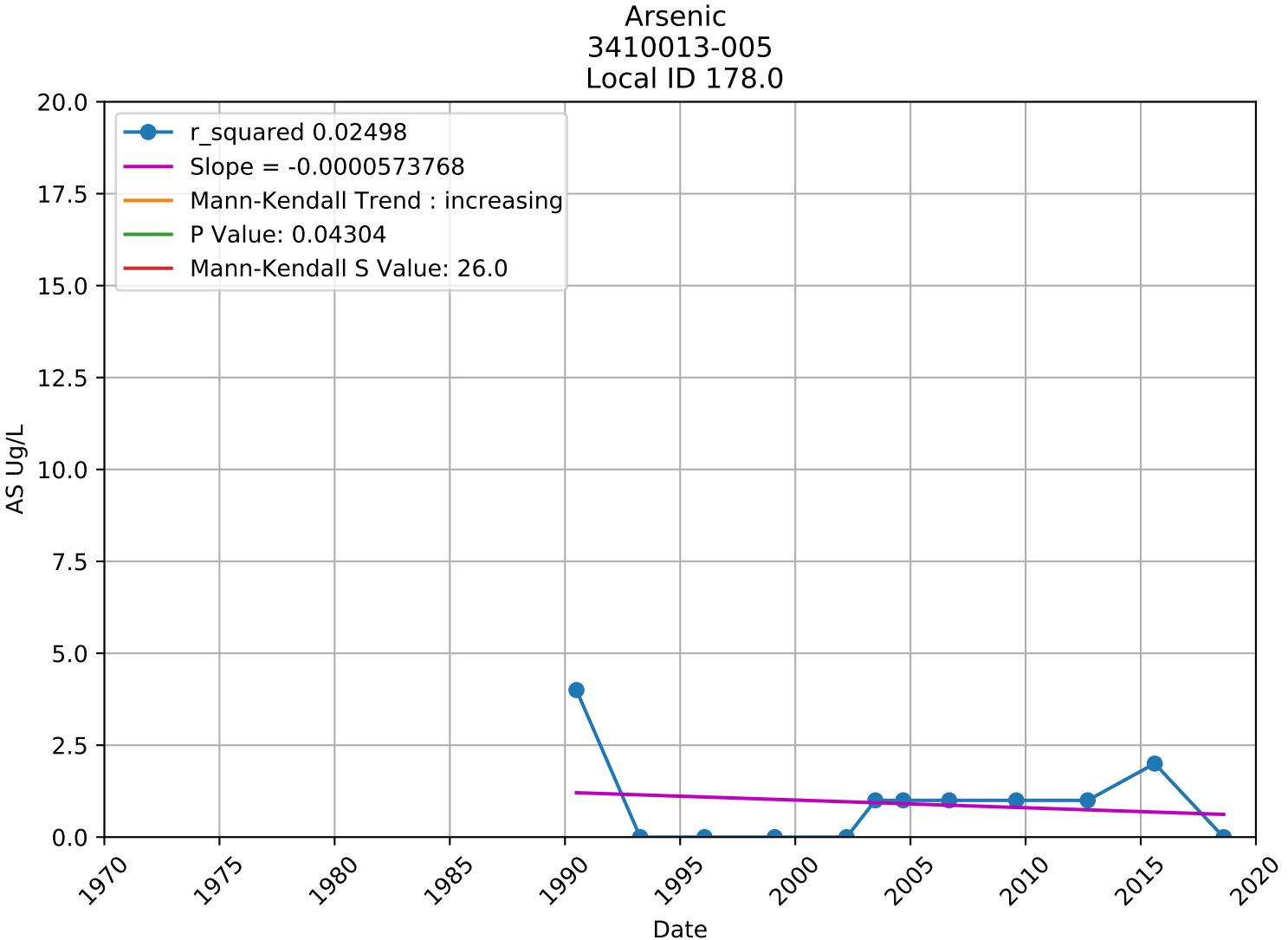

Arsenic
3410009-010
Local ID 164.0
r_squared 0.00305
Slope = 0.0000311054
Mann-Kendall Trend : no trend
P Value: 0.14083
Mann-Kendall S Value: 22.0
AS Ug/L
Date
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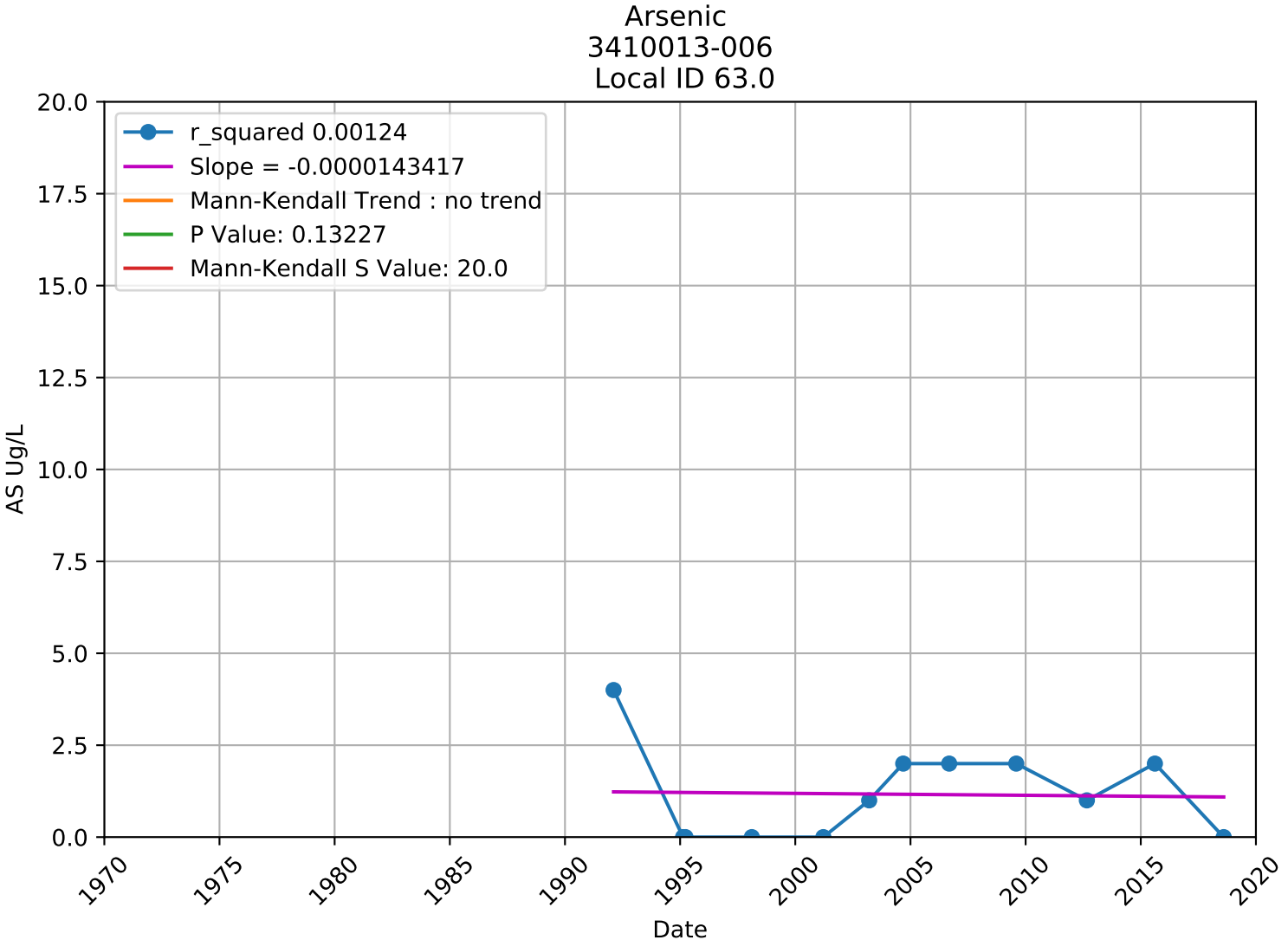

Arsenic
3410013-001
Local ID 93.0
r_squared 0.17538
Slope = -0.0001502991
Mann-Kendall Trend : no trend
P Value: 0.83798
Mann-Kendall S Value: -3.0
AS Ug/L
Date
20.0
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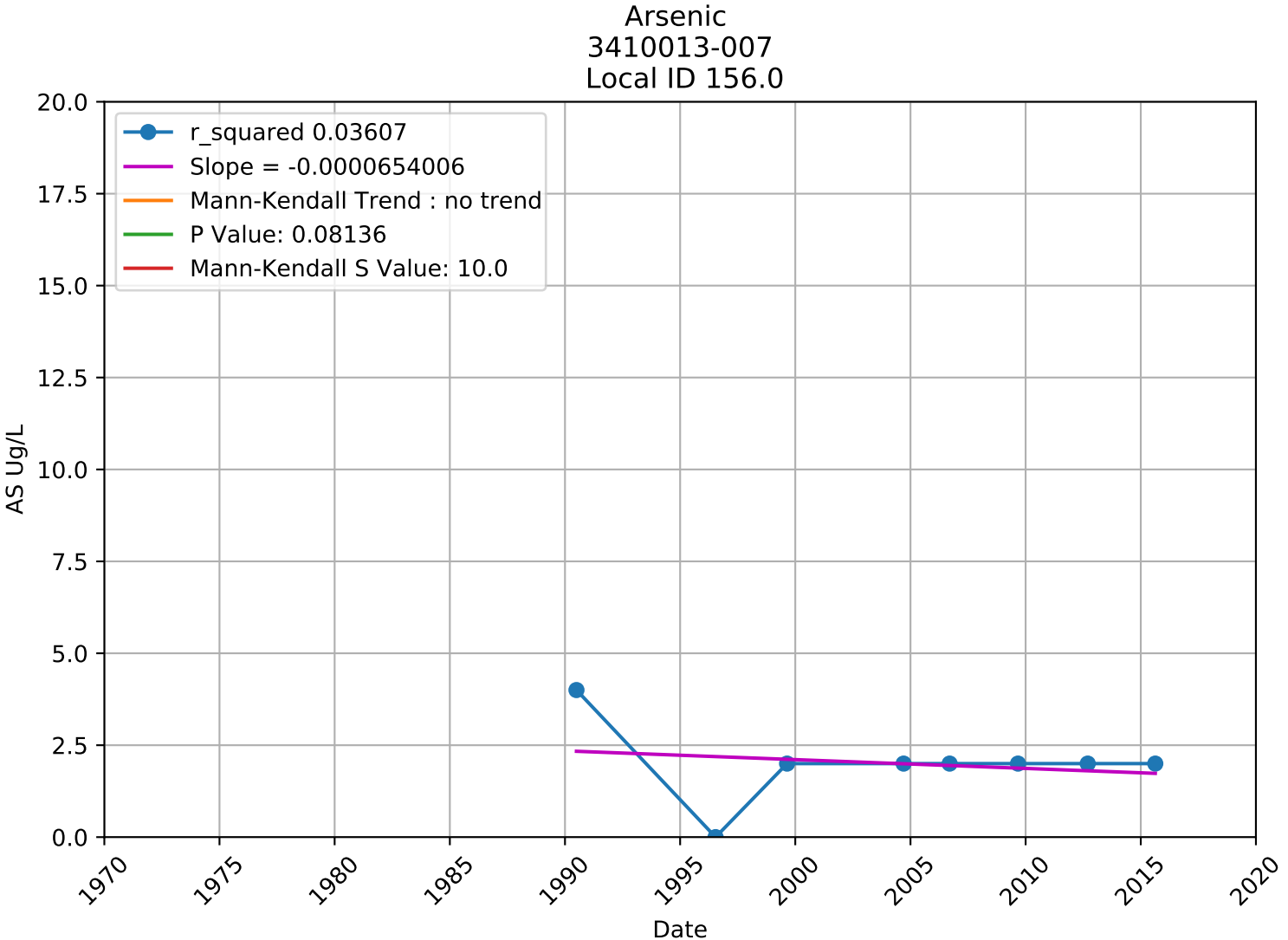

Arsenic
3410013-002
Local ID 159.0
r_squared 0.36384
Slope = -0.0001840532
Mann-Kendall Trend : no trend
P Value: 0.52397
Mann-Kendall S Value: -8.0
AS Ug/L
Date
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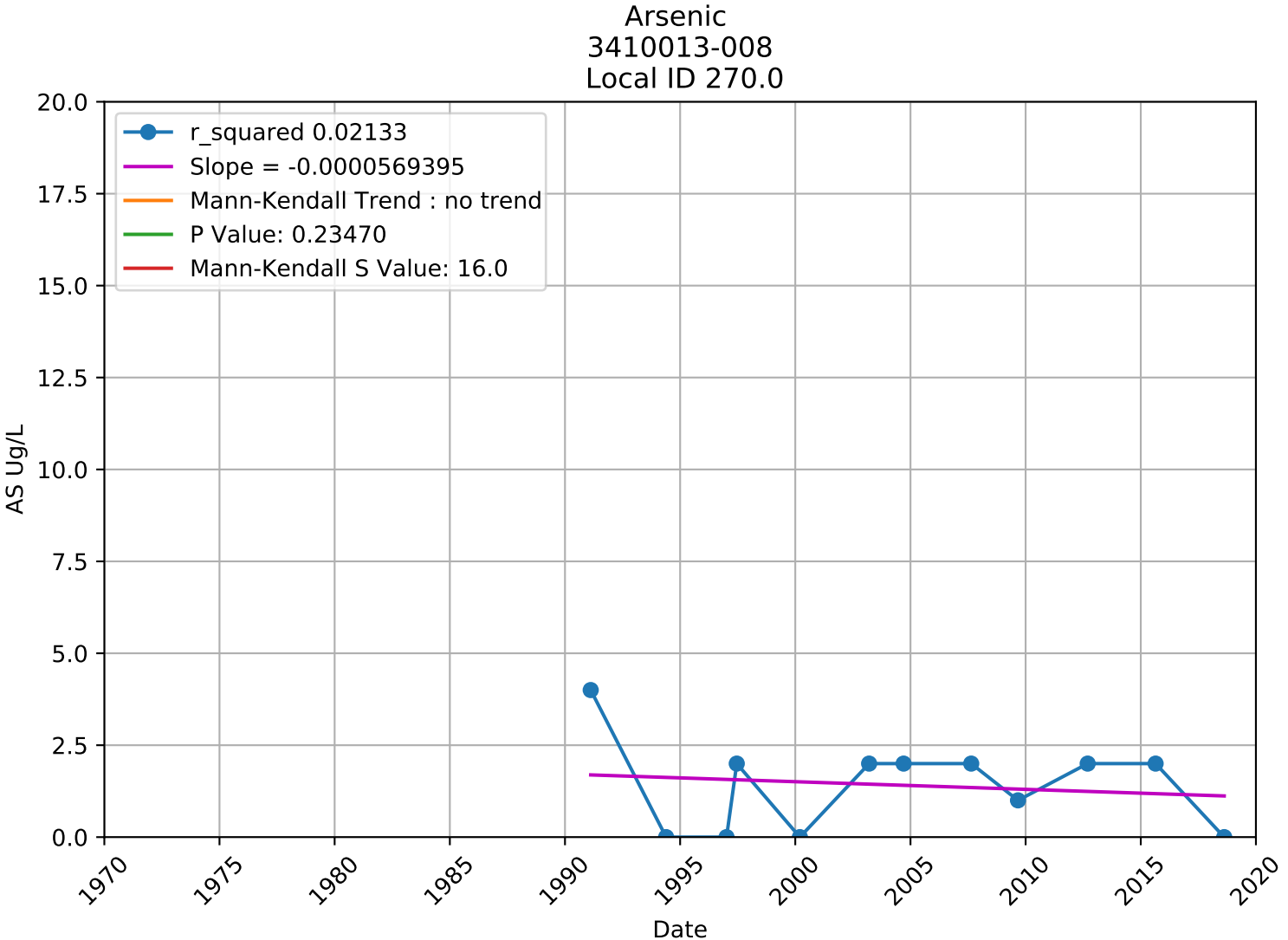

Arsenic
3410013-003
Local ID 51.0
r_squared 0.06352
Slope = -0.0000917936
Mann-Kendall Trend : no trend
P Value: 0.23921
Mann-Kendall S Value: 14.0
AS Ug/L
Date
20.0
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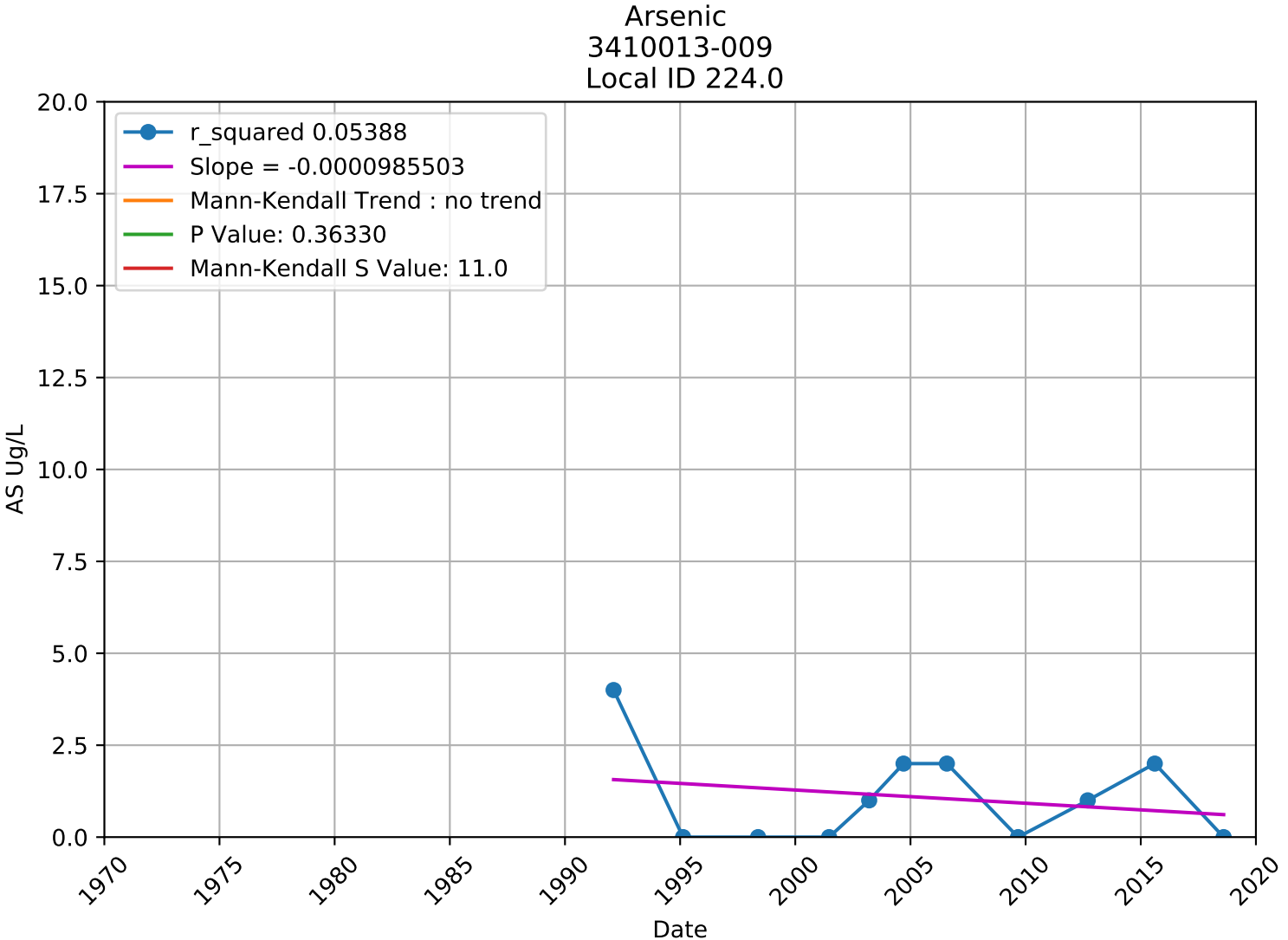

Arsenic
3410013-004
Local ID 240.0
r_squared 0.00768
Slope = -0.0000351682
Mann-Kendall Trend : no trend
P Value: 0.26487
Mann-Kendall S Value: 15.0
AS Ug/L
Date
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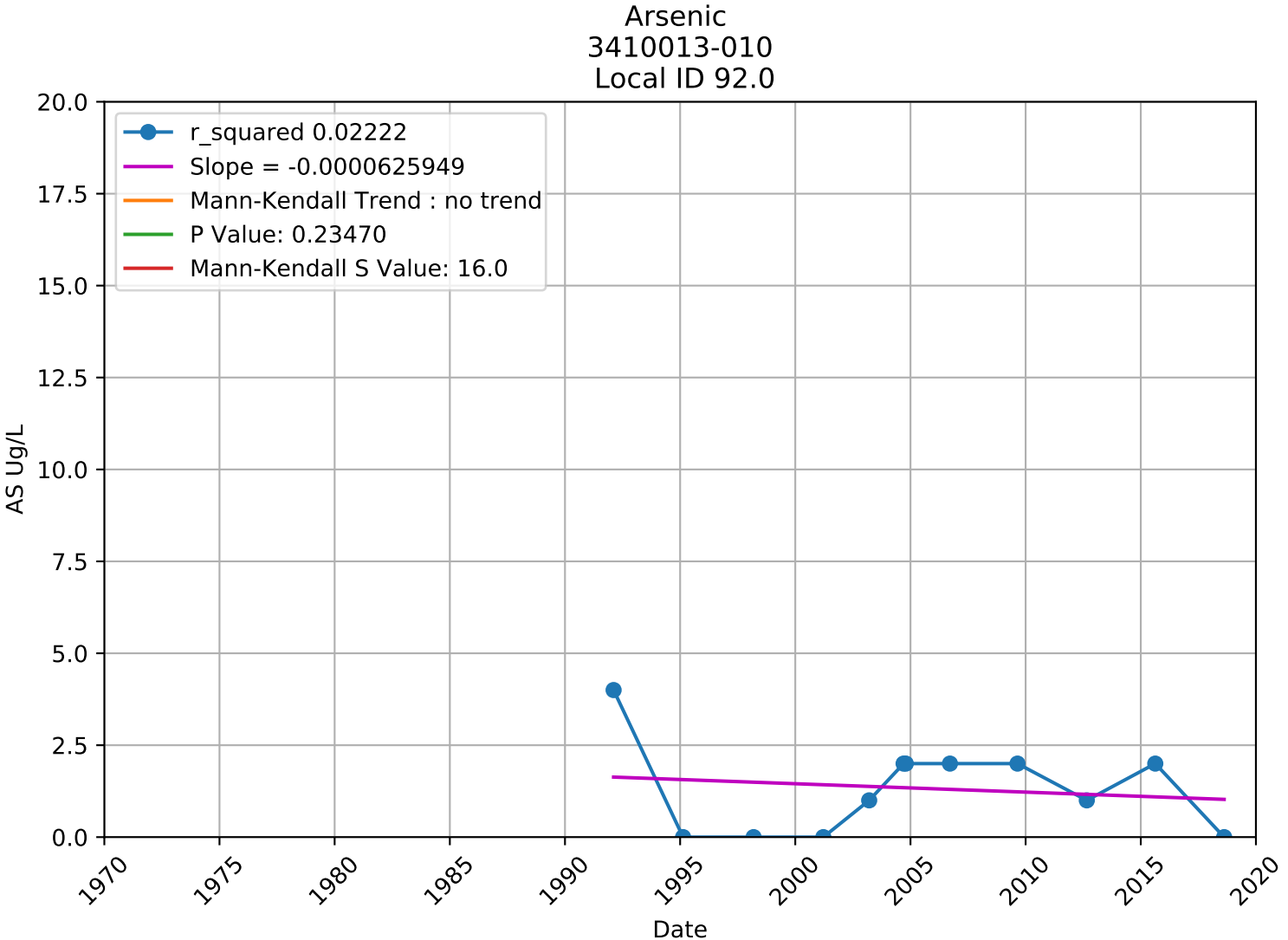

Arsenic
3410013-005
Local ID 178.0
r_squared 0.02498
Slope = -0.0000573768
Mann-Kendall Trend : increasing
P Value: 0.04304
Mann-Kendall S Value: 26.0
AS Ug/L
Date
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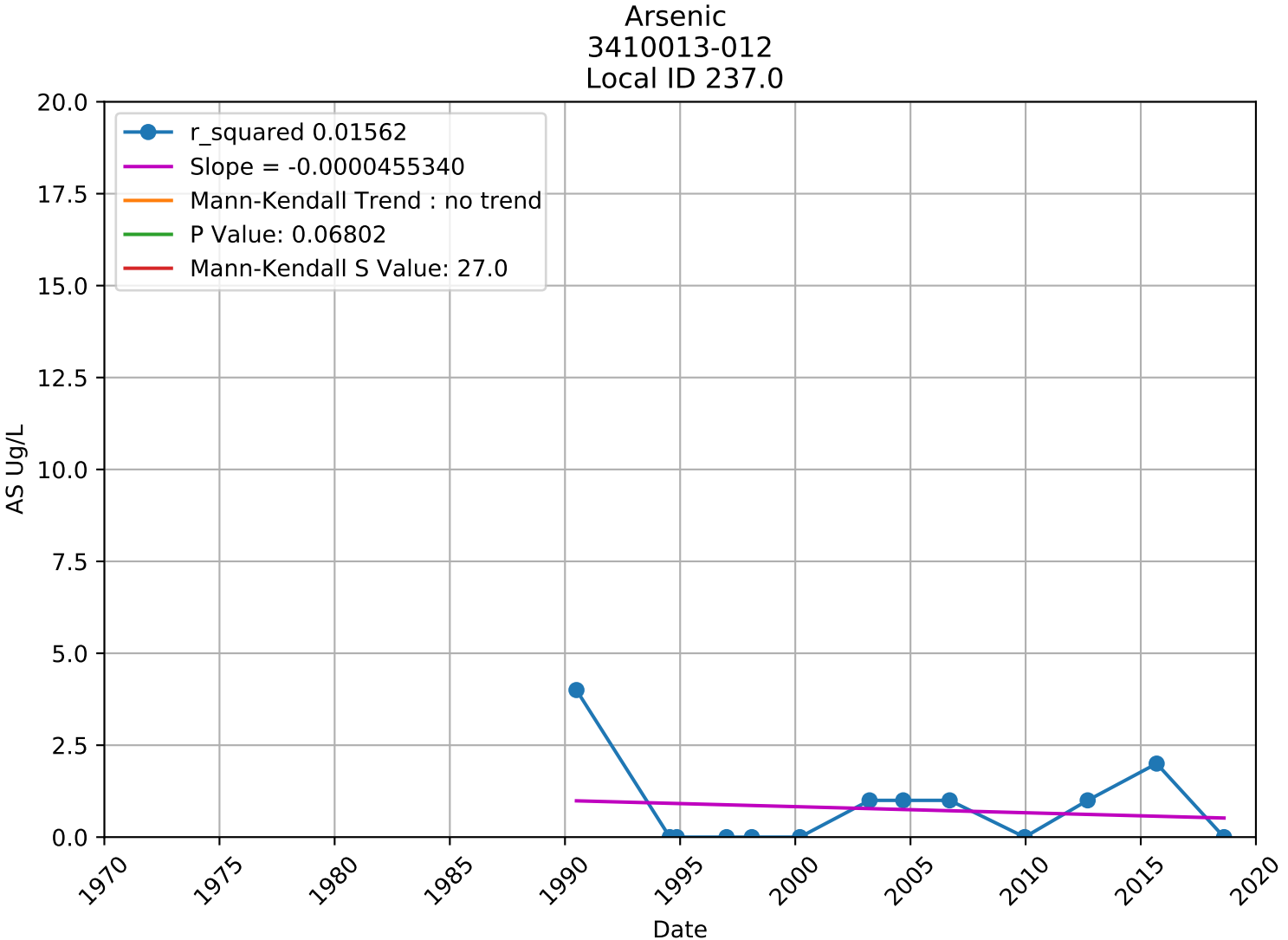

Arsenic
3410013-006
Local ID 63.0
r_squared 0.00124
Slope = -0.0000143417
Mann-Kendall Trend : no trend
P Value: 0.13227
Mann-Kendall S Value: 20.0
AS Ug/L
Date
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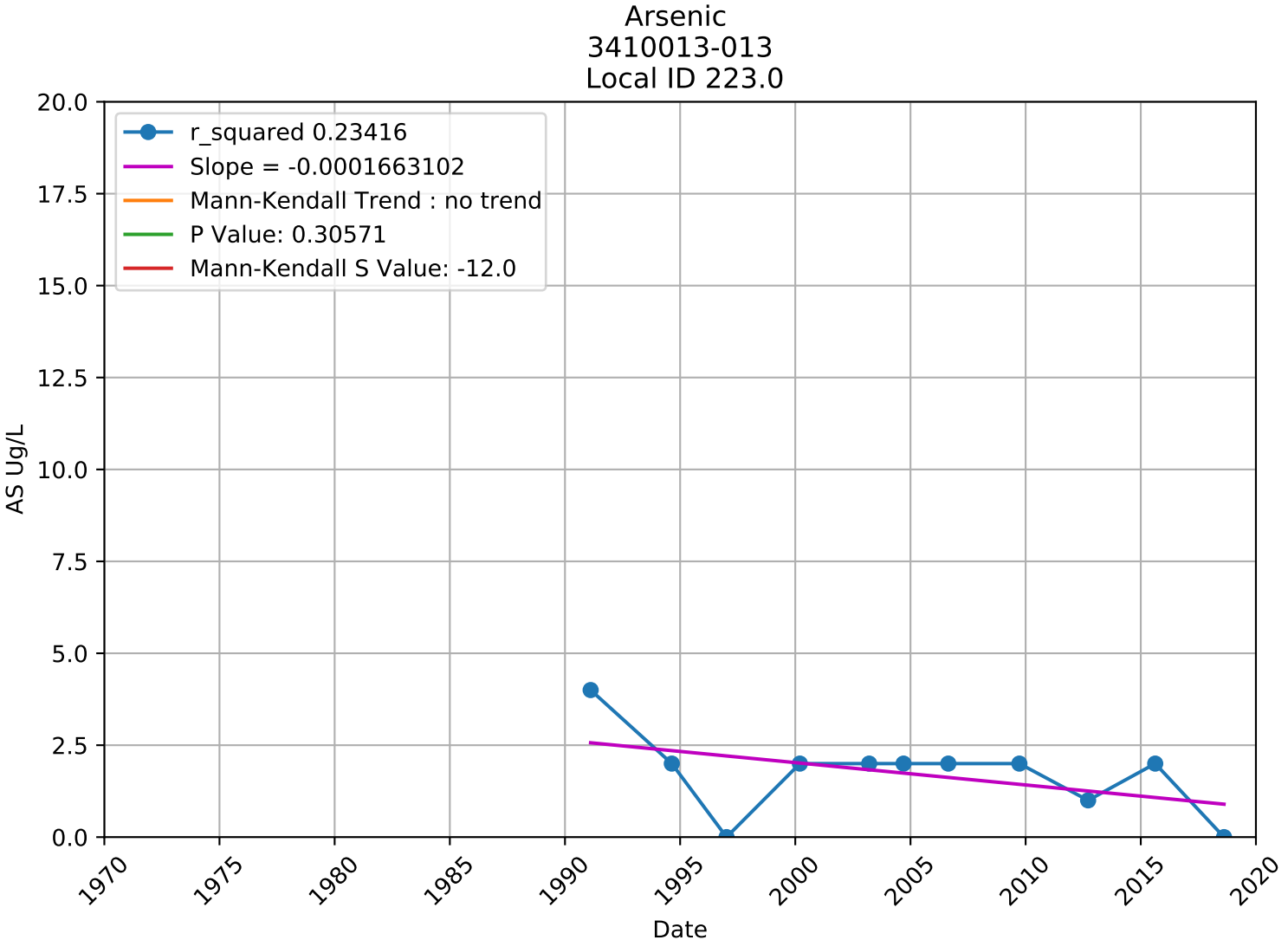

Arsenic
3410013-007
Local ID 156.0
r_squared 0.03607
Slope = -0.0000654006
Mann-Kendall Trend : no trend
P Value: 0.08136
Mann-Kendall S Value: 10.0
AS Ug/L
Date
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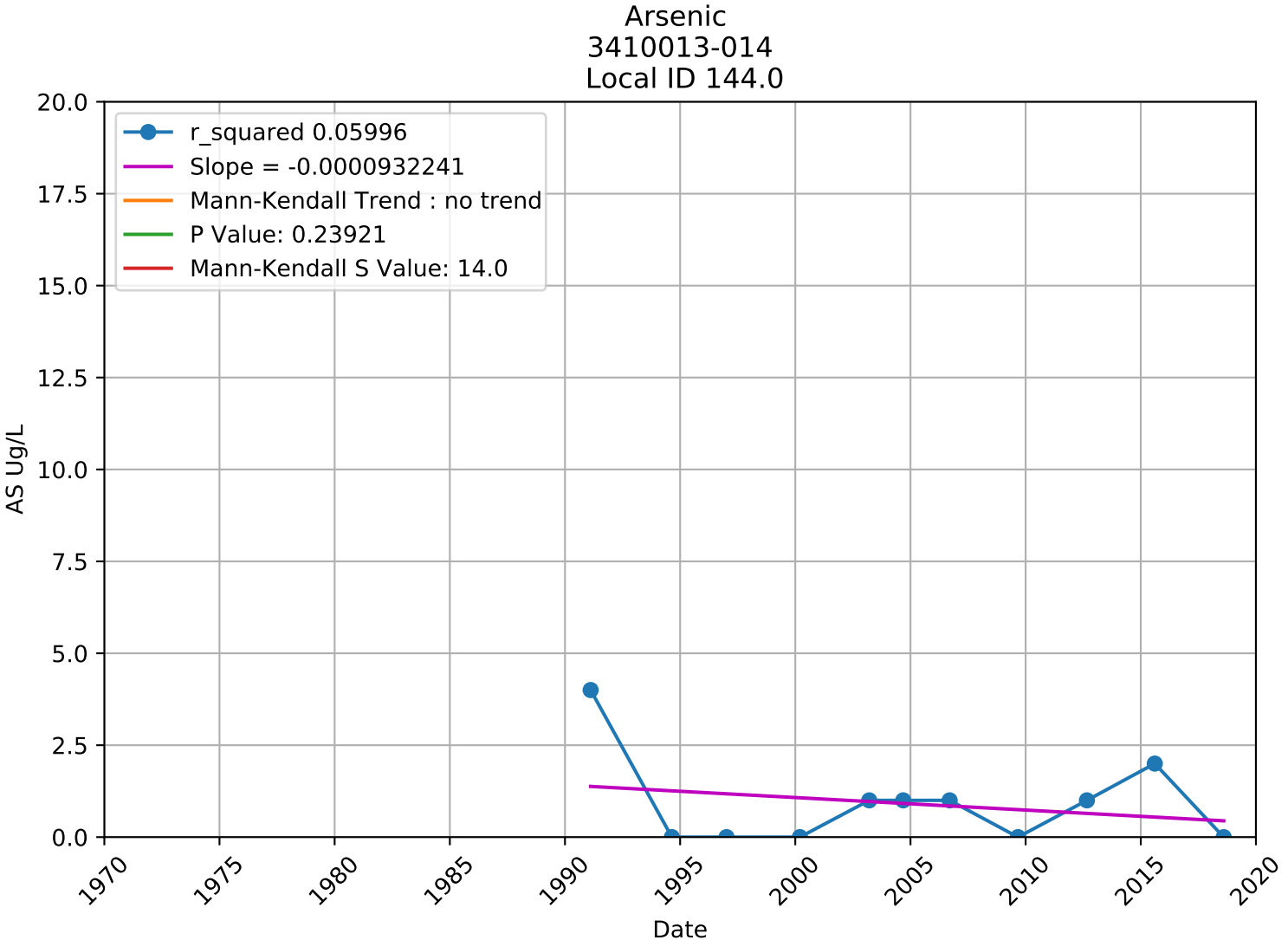

Arsenic
3410013-008
Local ID 270.0
r_squared 0.02133
Slope = -0.0000569395
Mann-Kendall Trend : no trend
P Value: 0.23470
Mann-Kendall S Value: 16.0
AS Ug/L
Date
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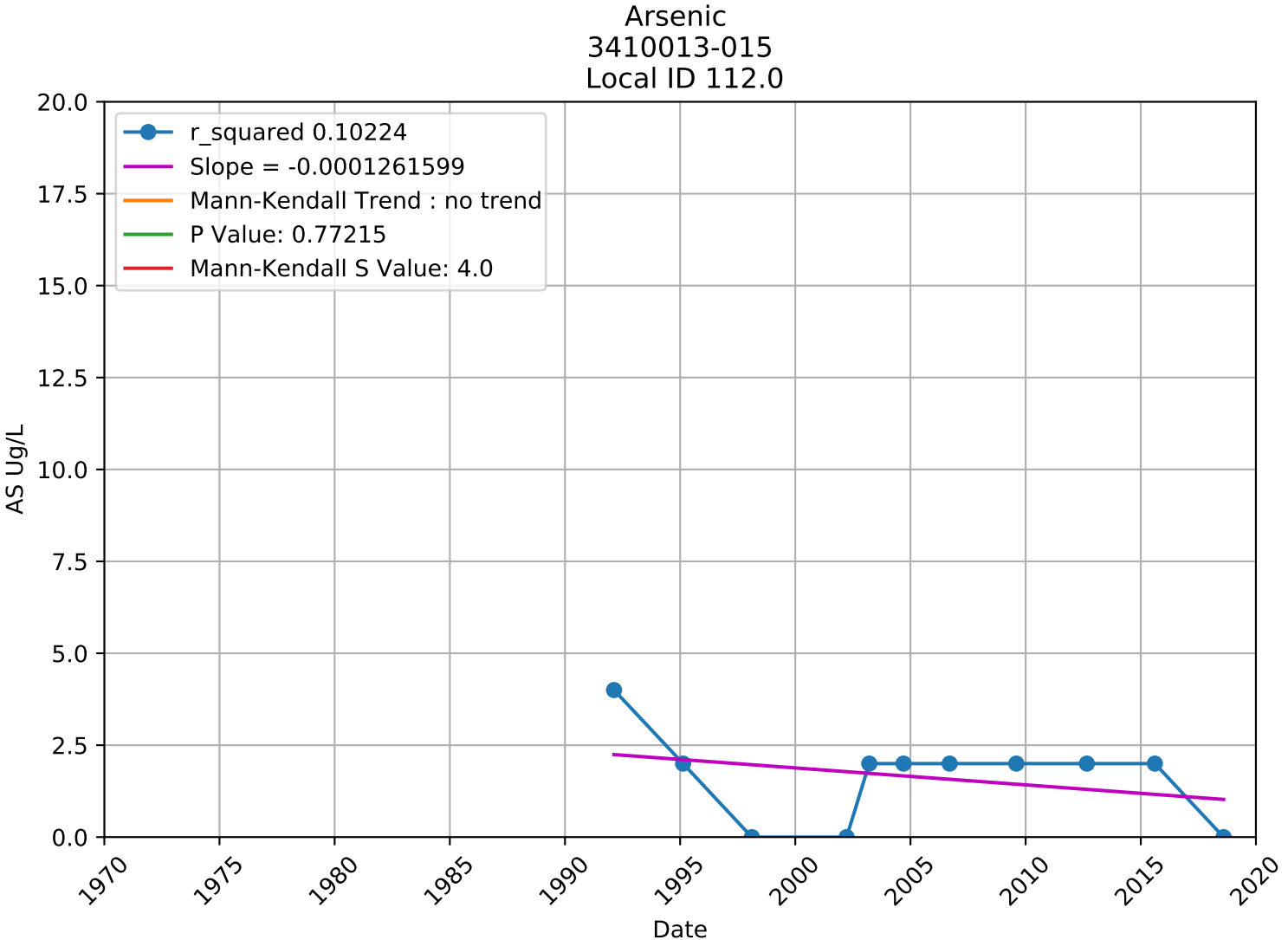

Arsenic
3410013-009
Local ID 224.0
r_squared 0.05388
Slope = -0.0000985503
Mann-Kendall Trend : no trend
P Value: 0.36330
Mann-Kendall S Value: 11.0
AS Ug/L
Date
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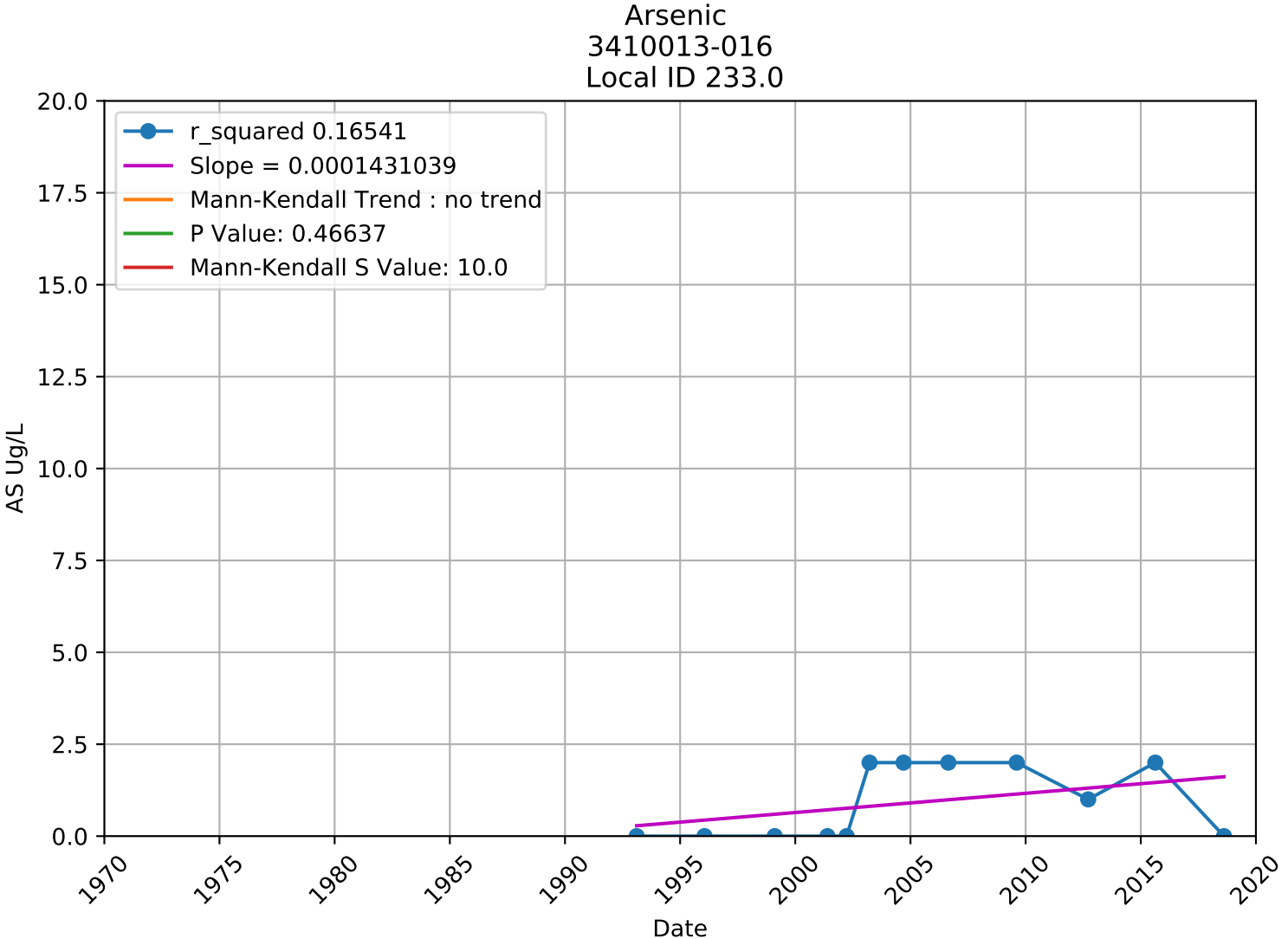

Arsenic
3410013-010
Local ID 92.0
r_squared 0.02222
Slope = -0.0000625949
Mann-Kendall Trend : no trend
P Value: 0.23470
Mann-Kendall S Value: 16.0
AS Ug/L
Date
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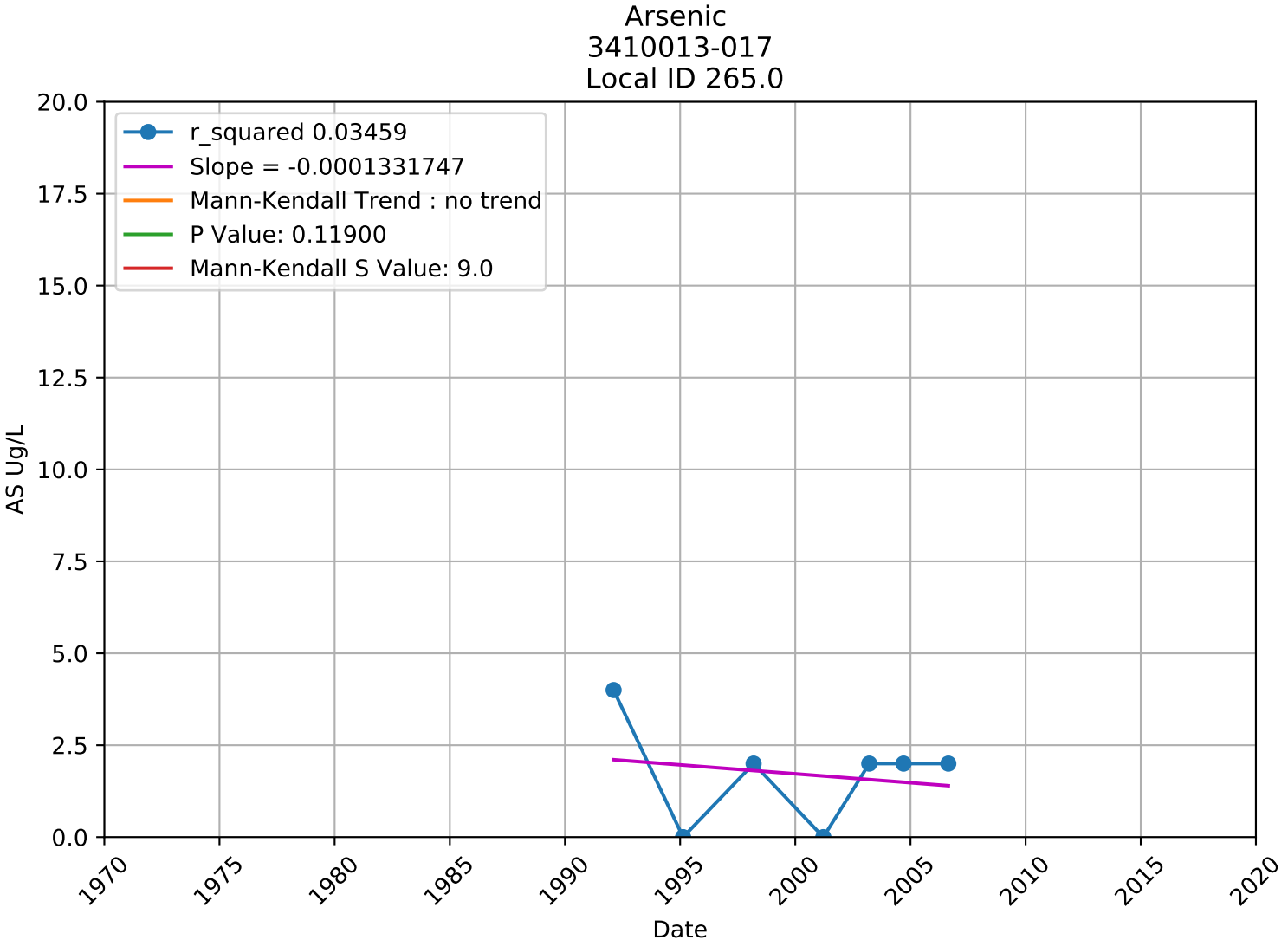

Arsenic
3410013-012
Local ID 237.0
r_squared 0.01562
Slope = -0.0000455340
Mann-Kendall Trend : no trend
P Value: 0.06802
Mann-Kendall S Value: 27.0
AS Ug/L
Date
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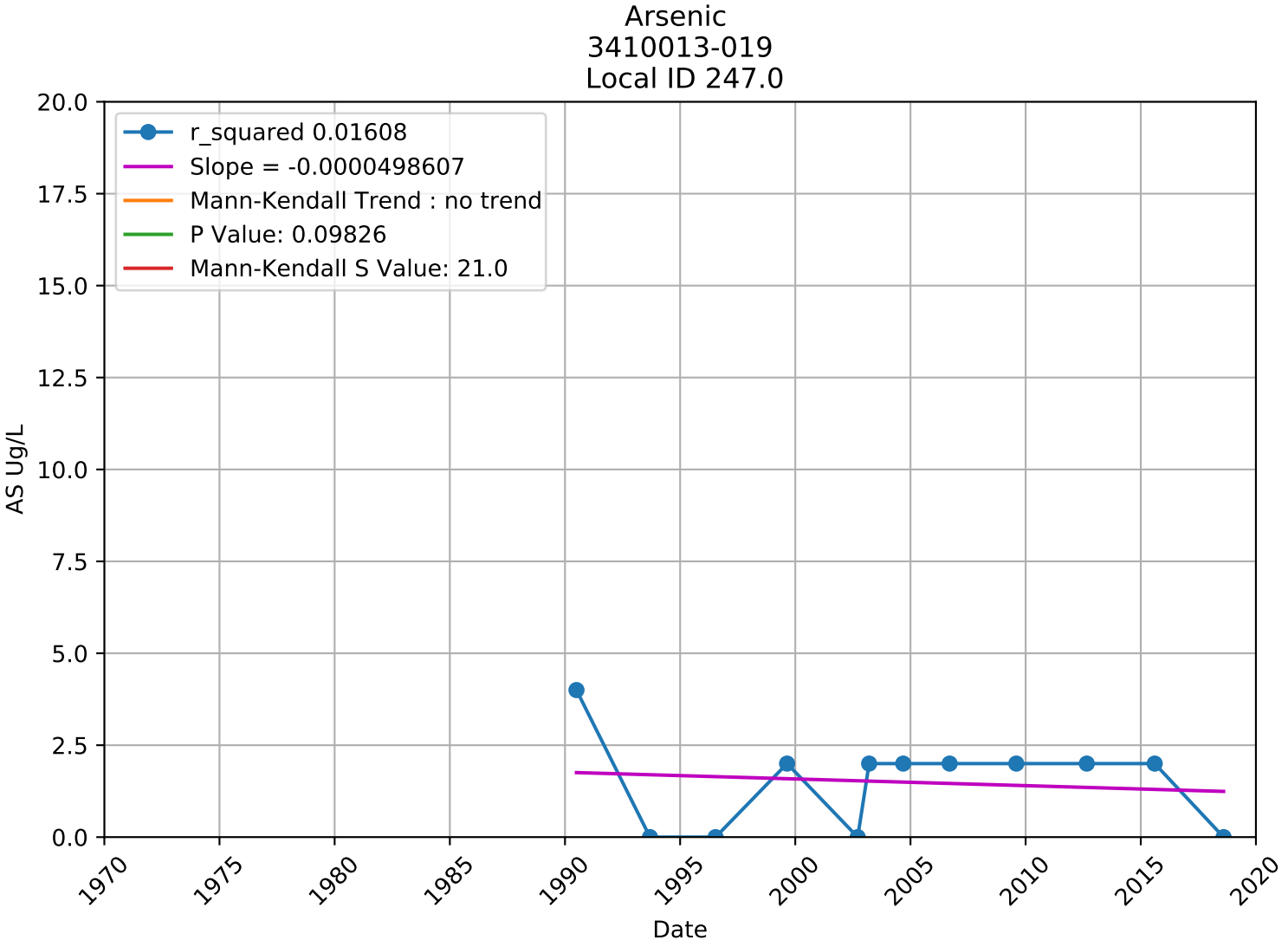

Arsenic
3410013-013
Local ID 223.0
r_squared 0.23416
Slope = -0.0001663102
Mann-Kendall Trend : no trend
P Value: 0.30571
Mann-Kendall S Value: -12.0
AS Ug/L
Date
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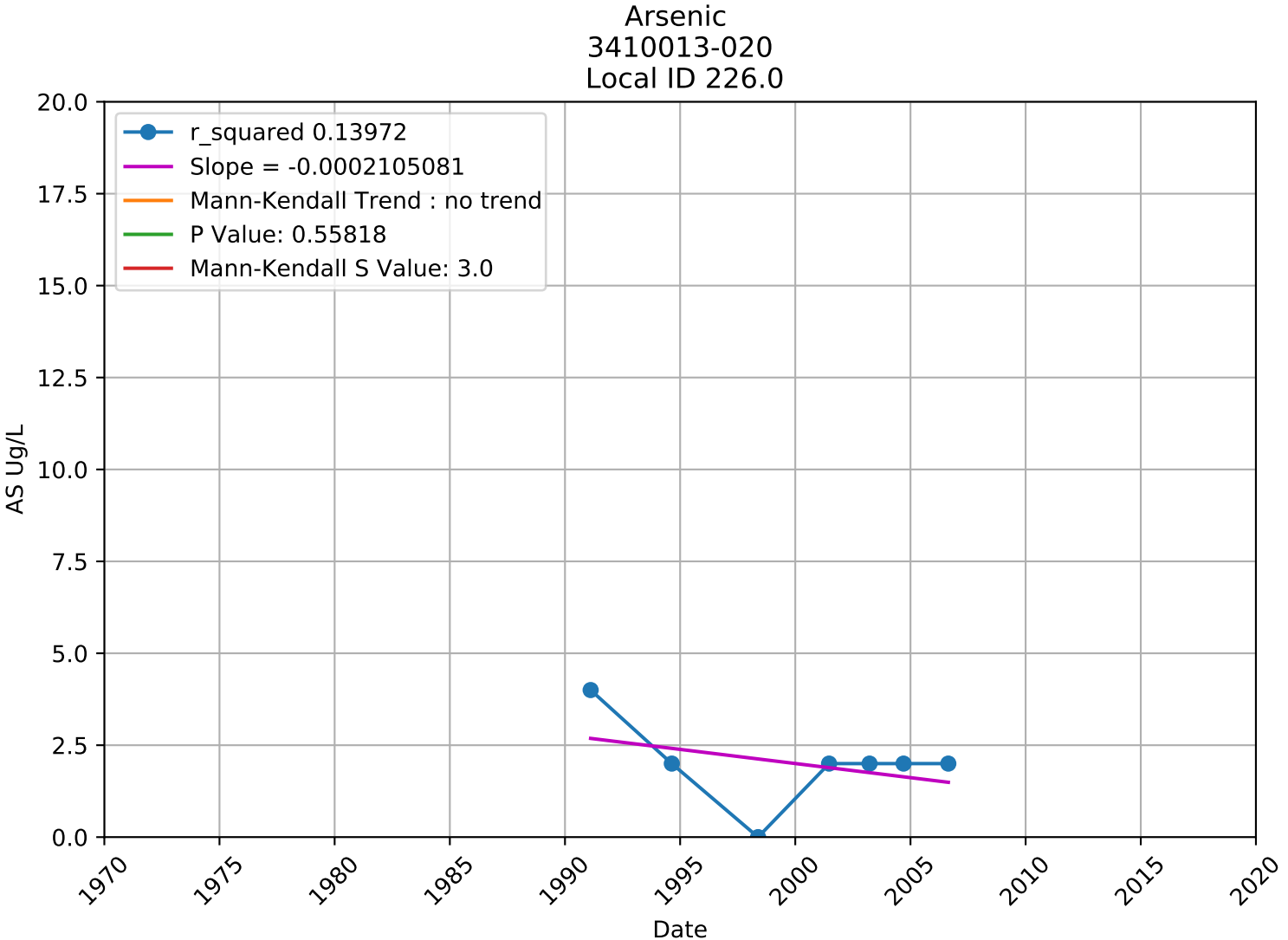

Arsenic
3410013-014
Local ID 144.0
r_squared 0.05996
Slope = -0.0000932241
Mann-Kendall Trend : no trend
P Value: 0.23921
Mann-Kendall S Value: 14.0
AS Ug/L
Date
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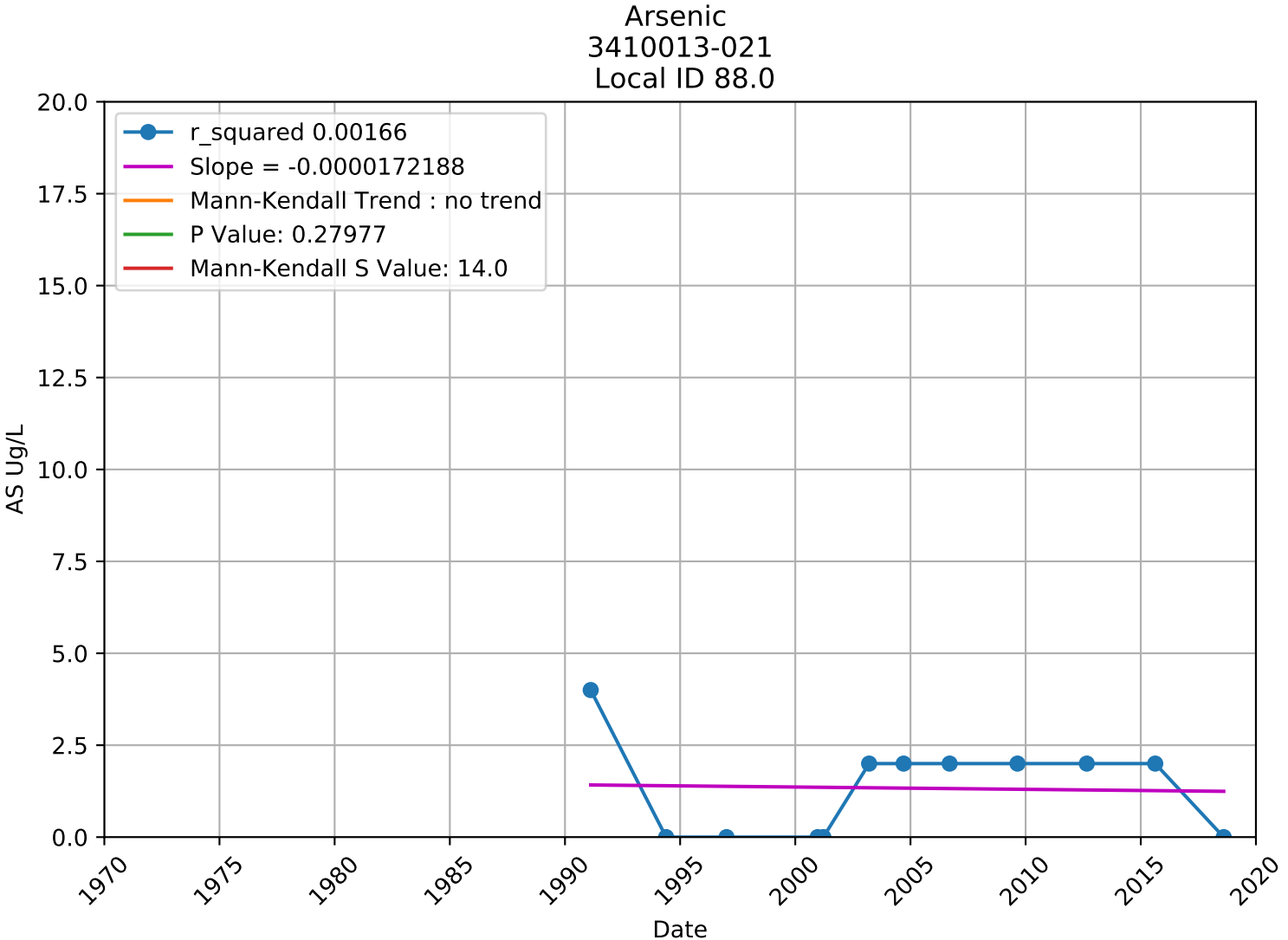

Arsenic
3410013-015
Local ID 112.0
r_squared 0.10224
Slope = -0.0001261599
Mann-Kendall Trend : no trend
P Value: 0.77215
Mann-Kendall S Value: 4.0
AS Ug/L
Date
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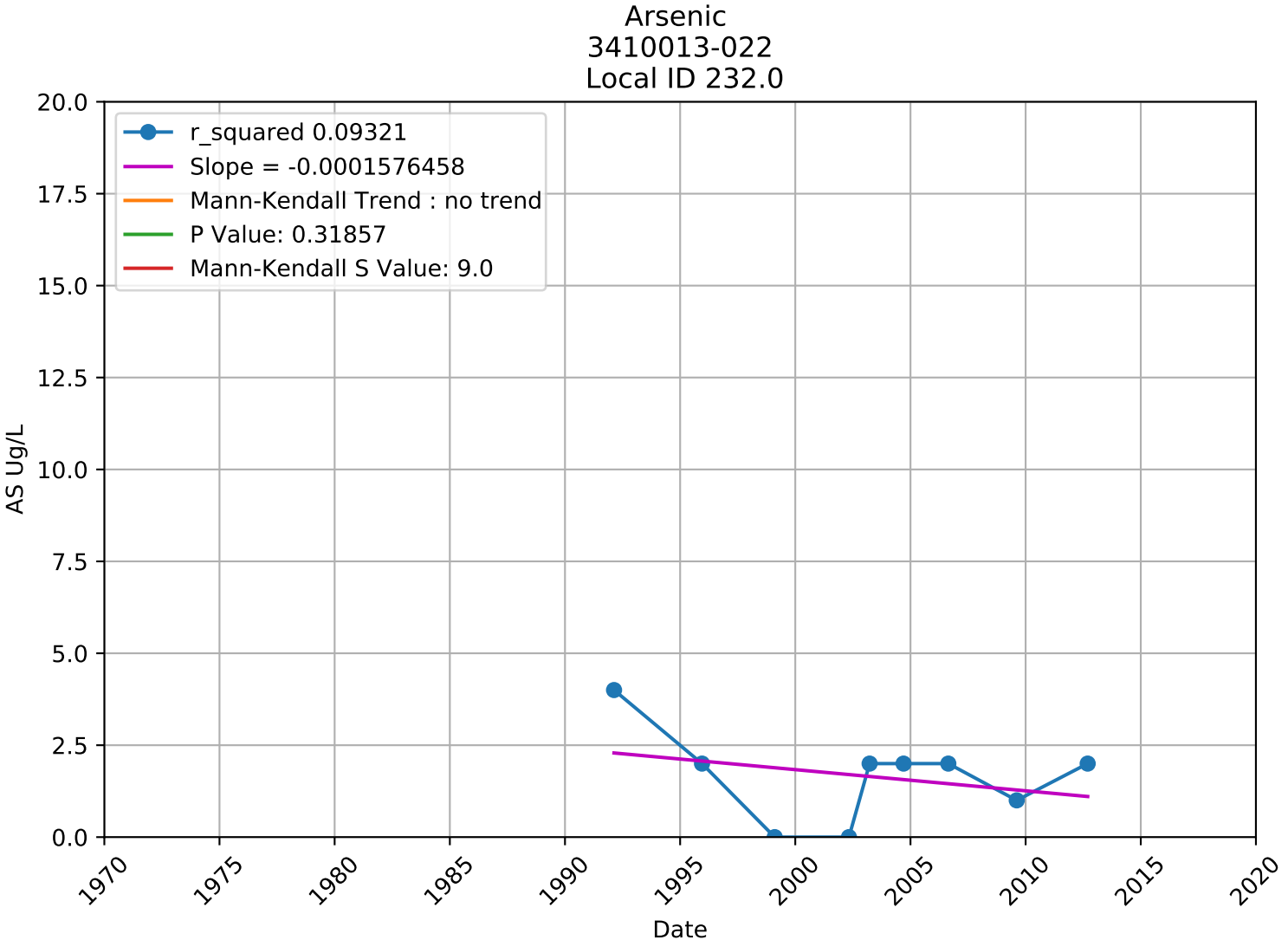

Arsenic
3410013-016
Local ID 233.0
r_squared 0.16541
Slope = 0.0001431039
Mann-Kendall Trend : no trend
P Value: 0.46637
Mann-Kendall S Value: 10.0
AS Ug/L
Date
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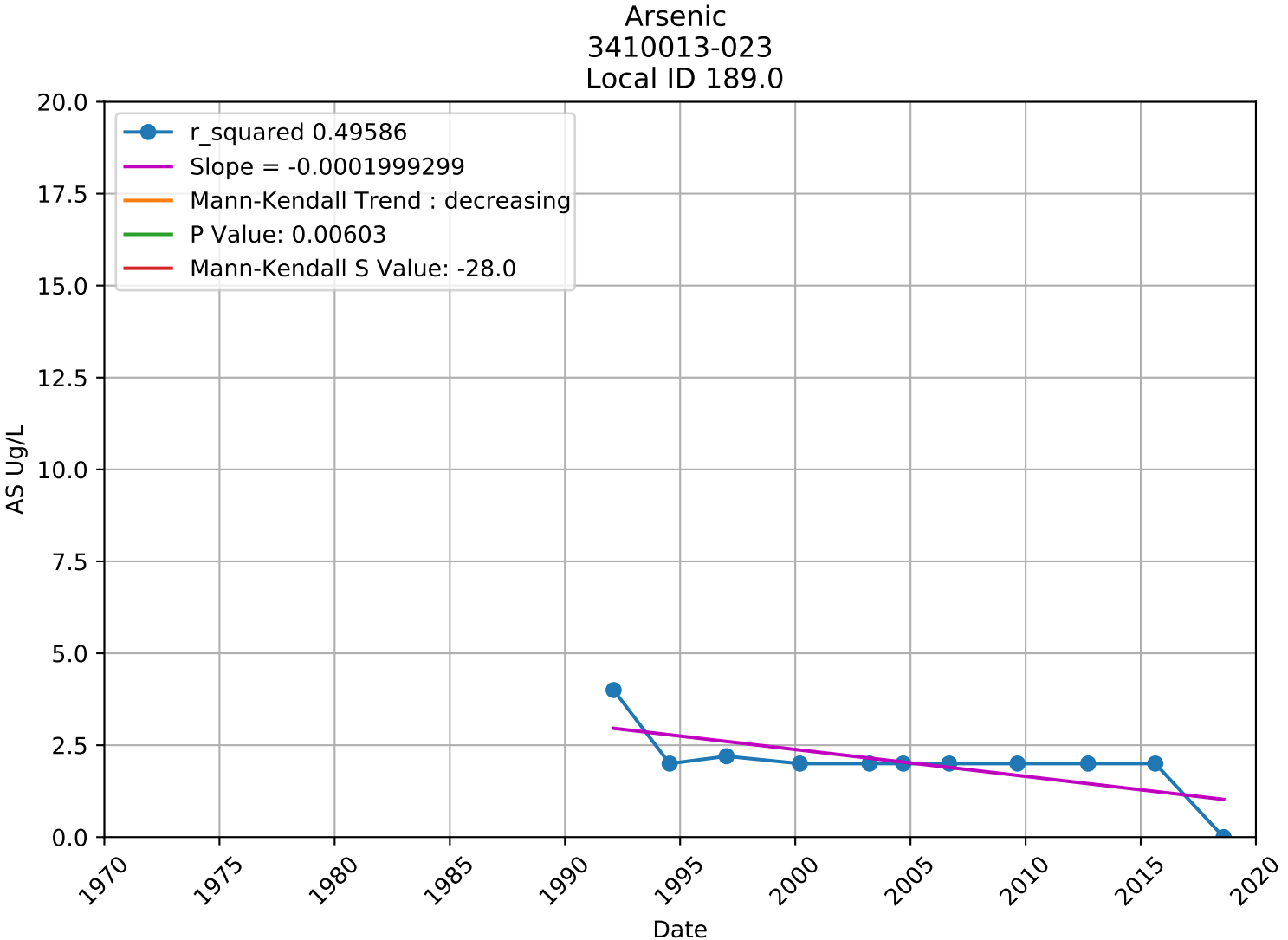

Arsenic
3410013-017
Local ID 265.0
r_squared 0.03459
Slope = -0.0001331747
Mann-Kendall Trend : no trend
P Value: 0.11900
Mann-Kendall S Value: 9.0
AS Ug/L
Date
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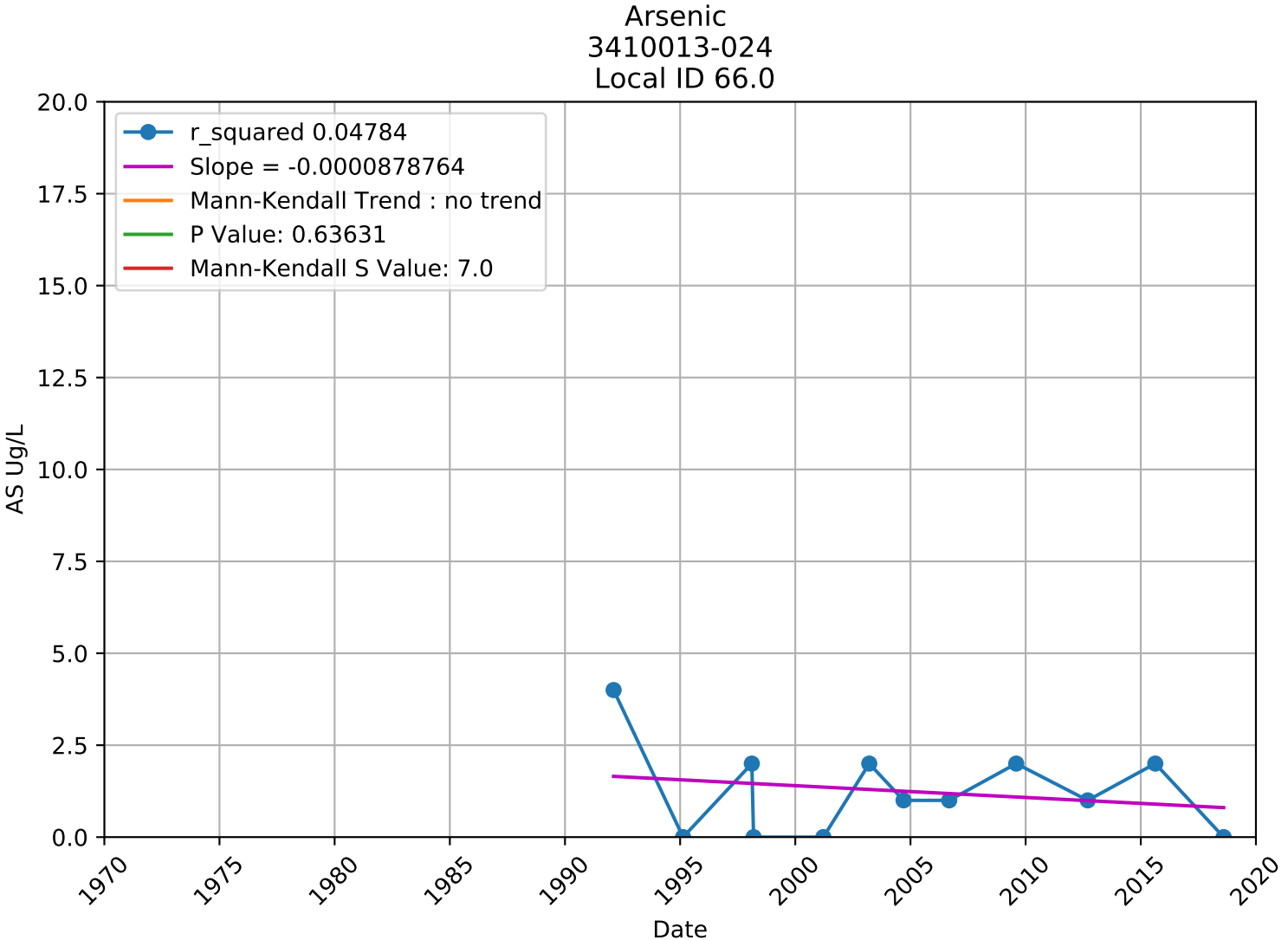

Arsenic
3410013-019
Local ID 247.0
r_squared 0.01608
Slope = -0.0000498607
Mann-Kendall Trend : no trend
P Value: 0.09826
Mann-Kendall S Value: 21.0
AS Ug/L
Date
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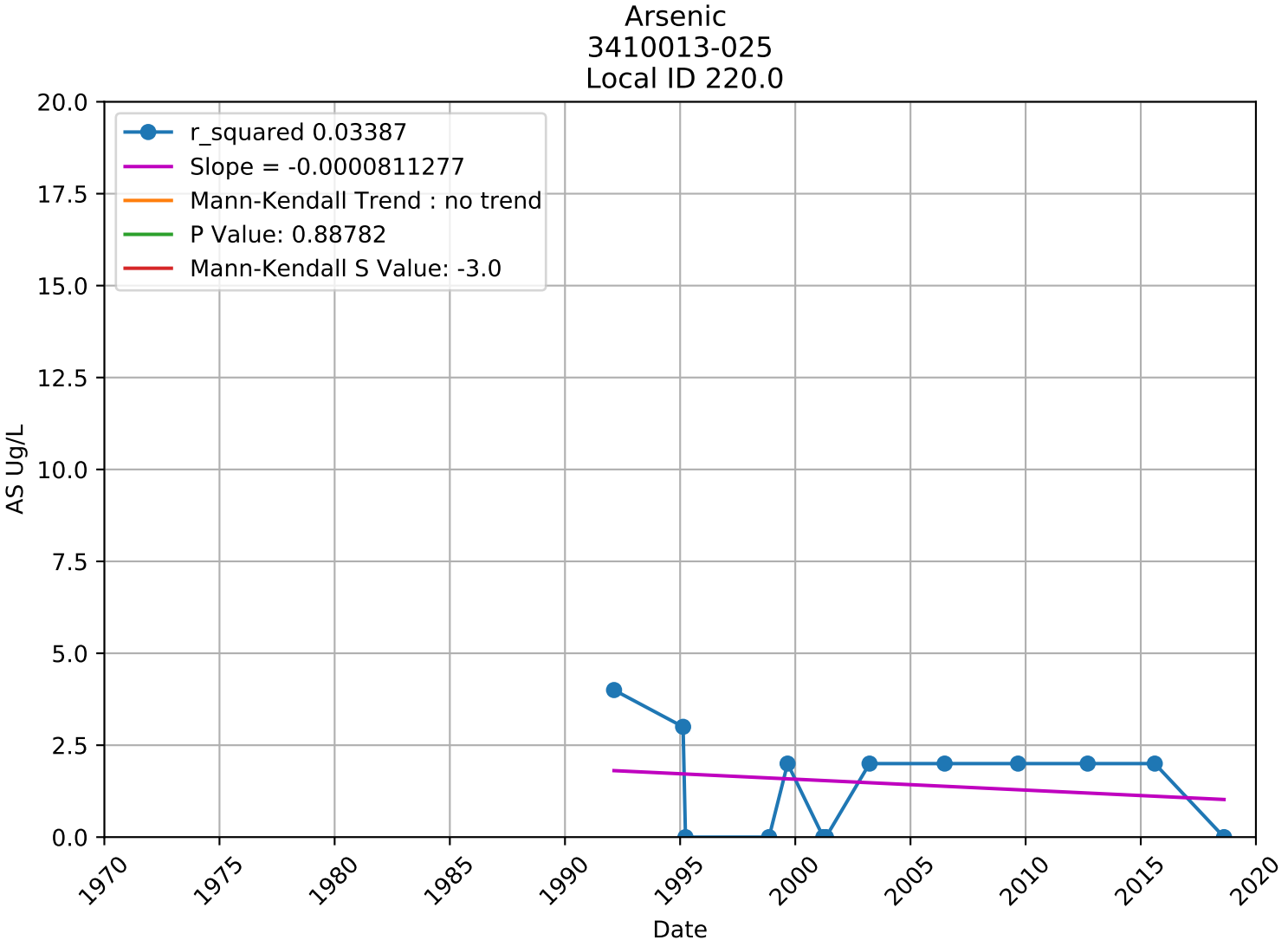

Arsenic
3410013-020
Local ID 226.0
r_squared 0.13972
Slope = -0.0002105081
Mann-Kendall Trend : no trend
P Value: 0.55818
Mann-Kendall S Value: 3.0
AS Ug/L
Date
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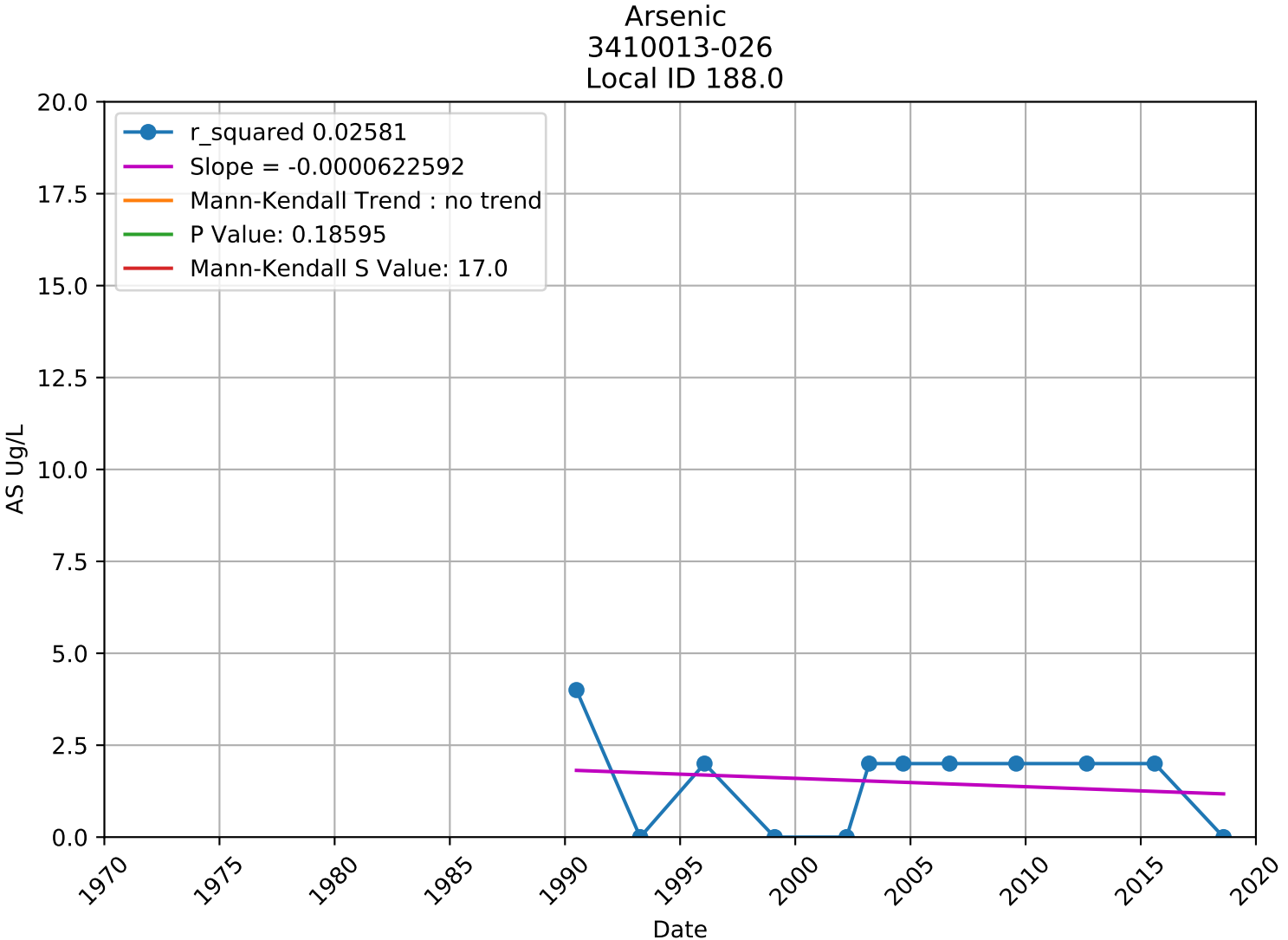

Arsenic
3410013-021
Local ID 88.0
r_squared 0.00166
Slope = -0.0000172188
Mann-Kendall Trend : no trend
P Value: 0.27977
Mann-Kendall S Value: 14.0
AS Ug/L
Date
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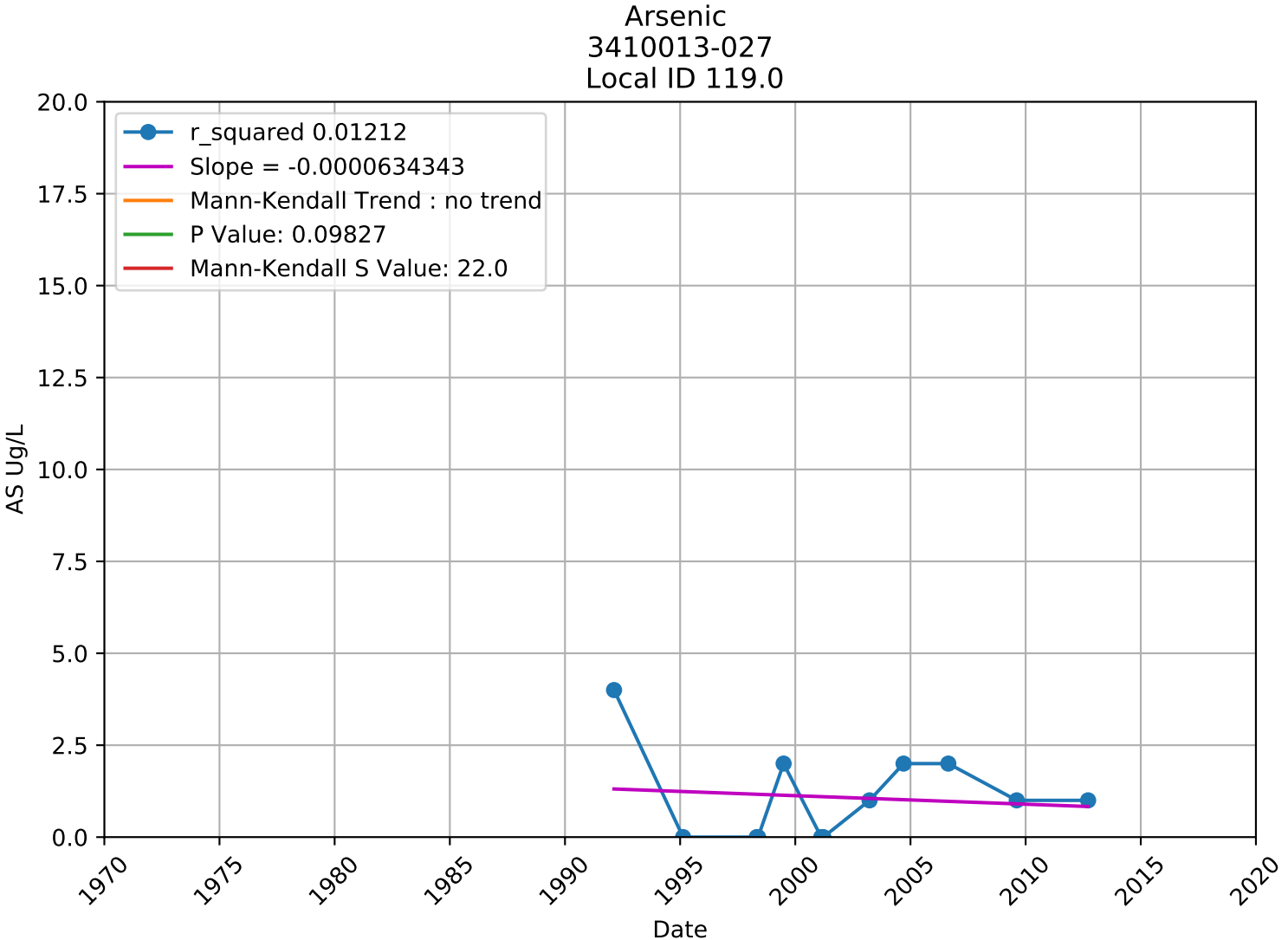

Arsenic
3410013-022
Local ID 232.0
r_squared 0.09321
Slope = -0.0001576458
Mann-Kendall Trend : no trend
P Value: 0.31857
Mann-Kendall S Value: 9.0
AS Ug/L
Date
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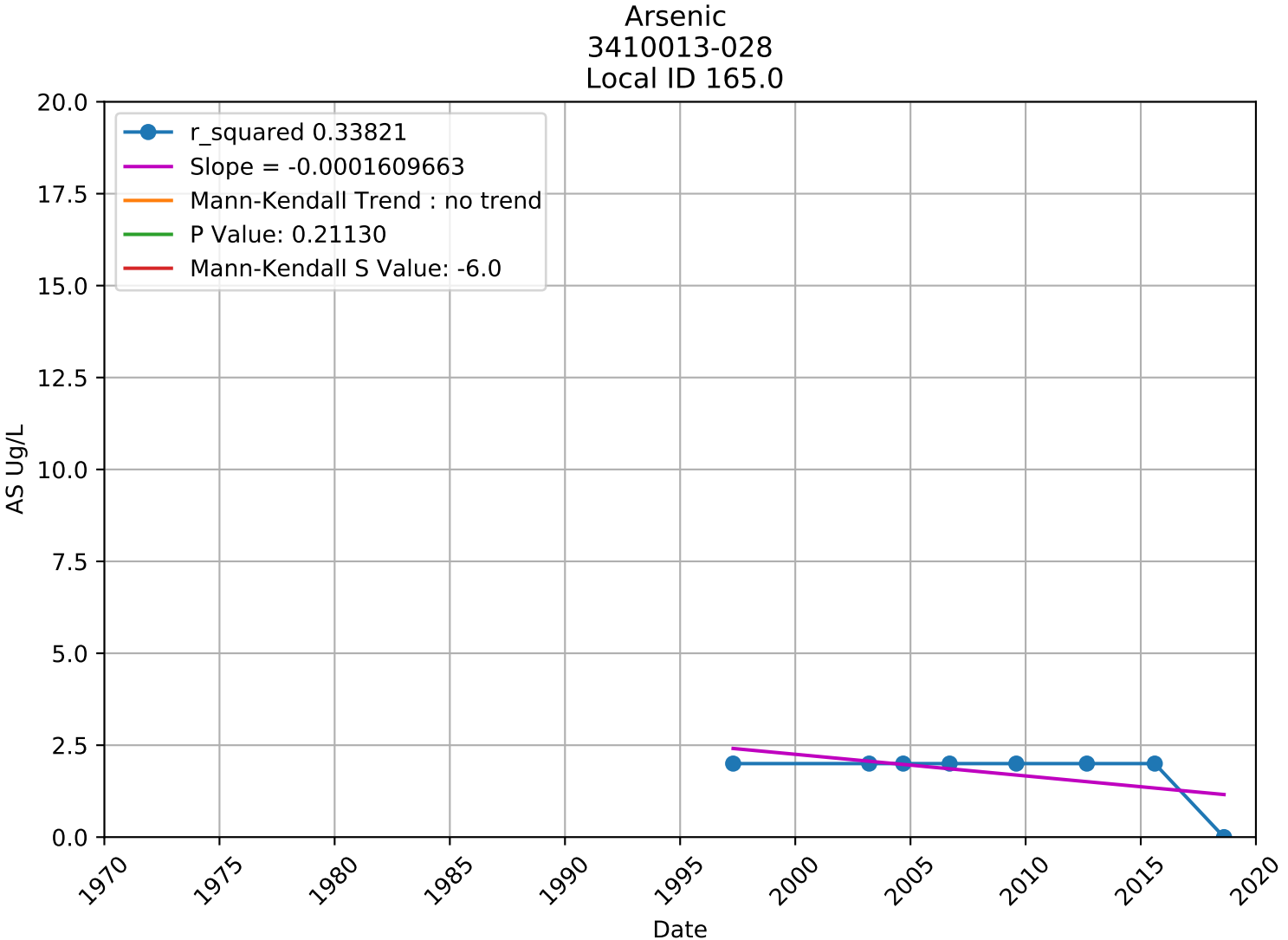

Arsenic
3410013-023
Local ID 189.0
r_squared 0.49586
Slope = -0.0001999299
Mann-Kendall Trend : decreasing
P Value: 0.00603
Mann-Kendall S Value: -28.0
AS Ug/L
Date
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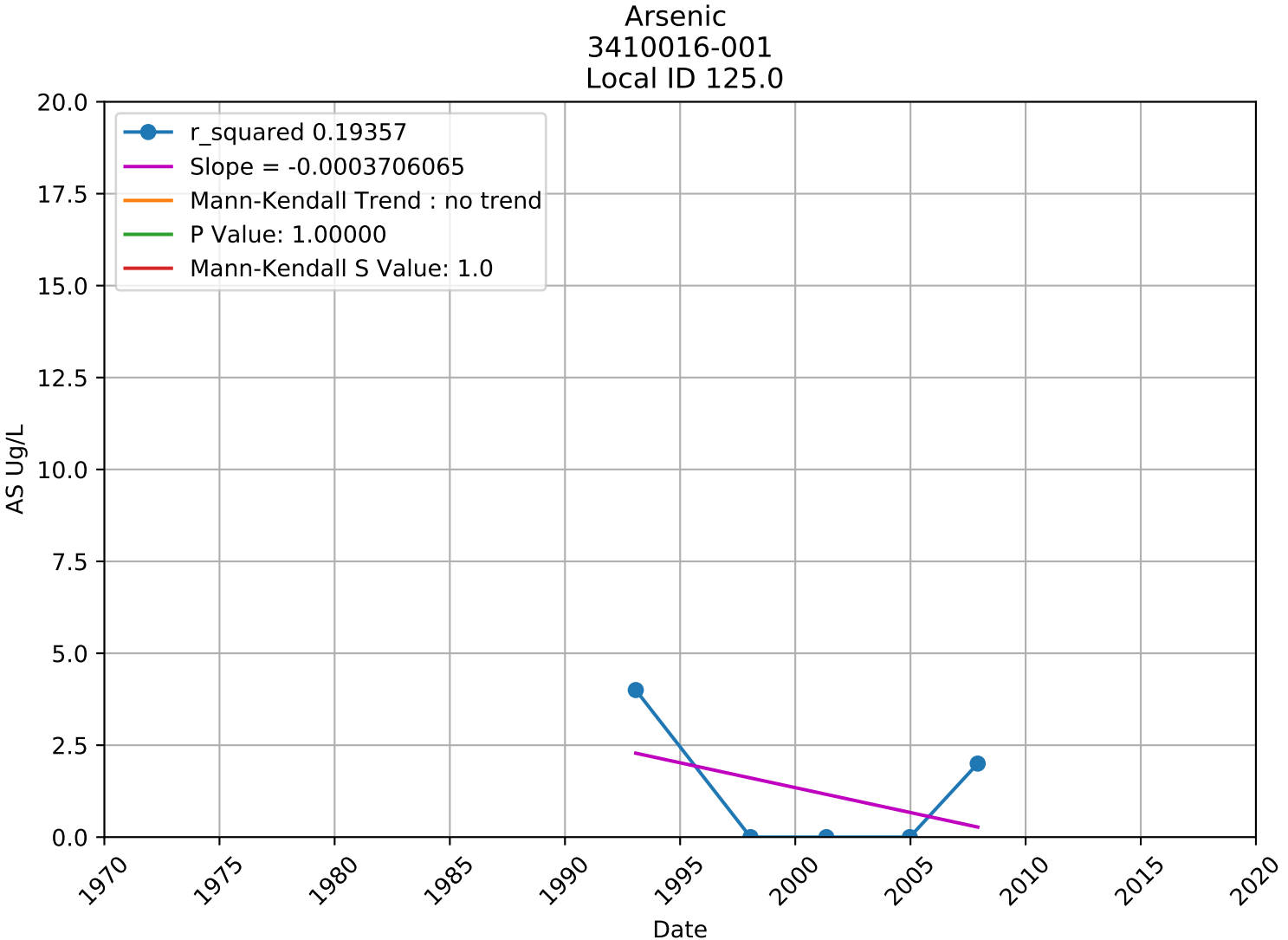

Arsenic
3410013-024
Local ID 66.0
r_squared 0.04784
Slope = -0.0000878764
Mann-Kendall Trend : no trend
P Value: 0.63631
Mann-Kendall S Value: 7.0
AS Ug/L
Date
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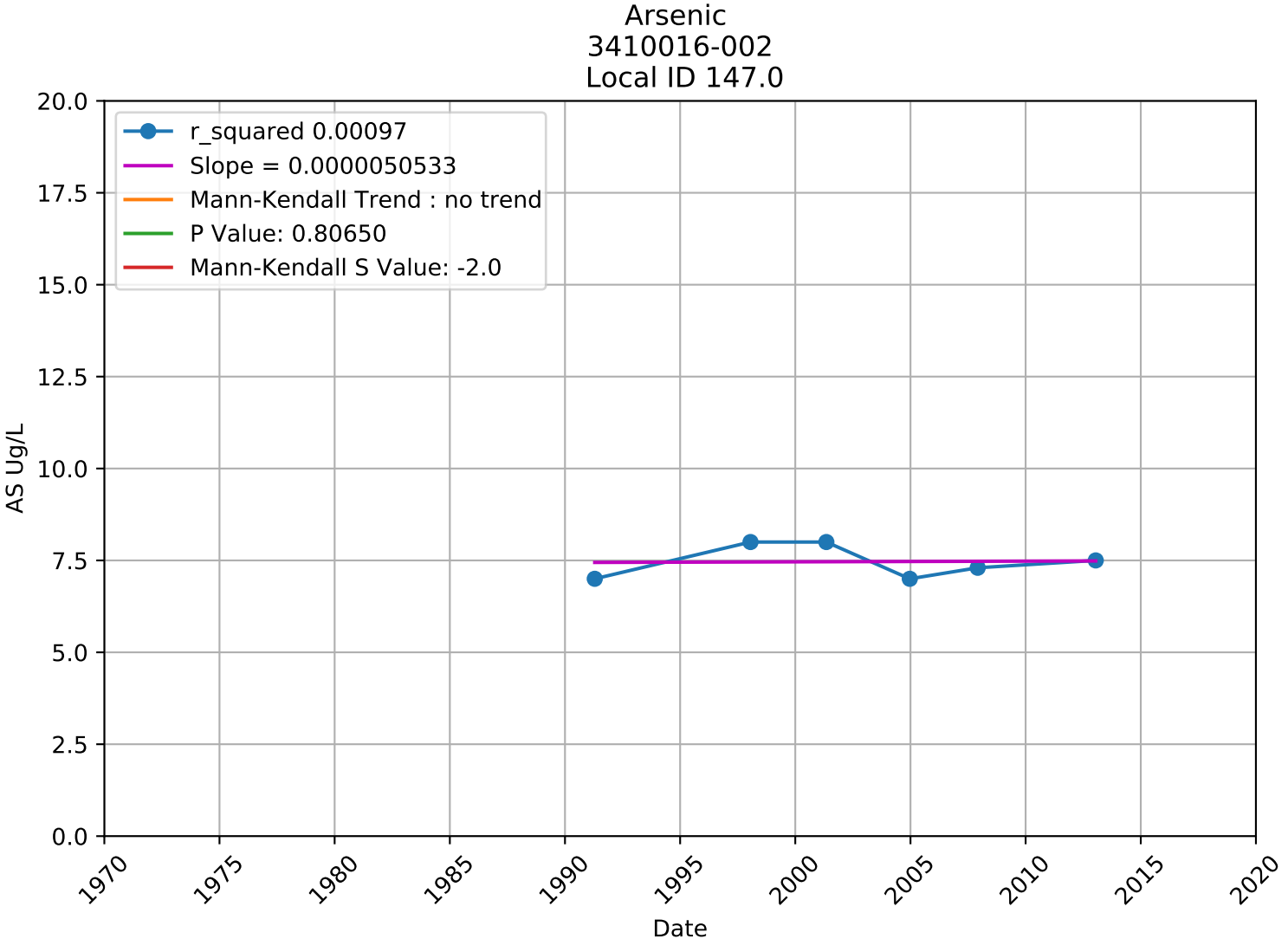

Arsenic
3410013-025
Local ID 220.0
r_squared 0.03387
Slope = -0.0000811277
Mann-Kendall Trend : no trend
P Value: 0.88782
Mann-Kendall S Value: -3.0
AS Ug/L
Date
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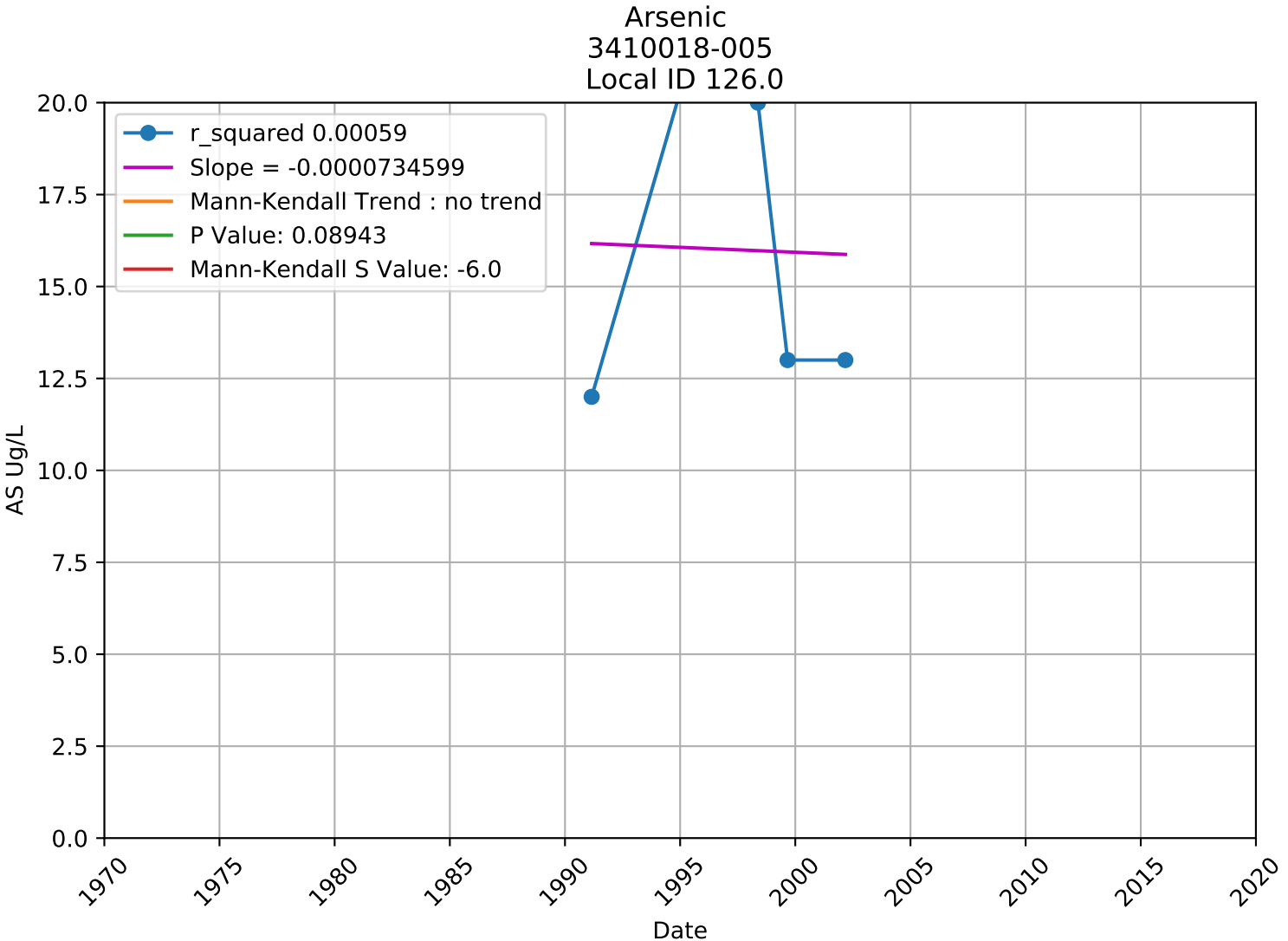

Arsenic
3410013-026
Local ID 188.0
r_squared 0.02581
Slope = -0.0000622592
Mann-Kendall Trend : no trend
P Value: 0.18595
Mann-Kendall S Value: 17.0
AS Ug/L
Date
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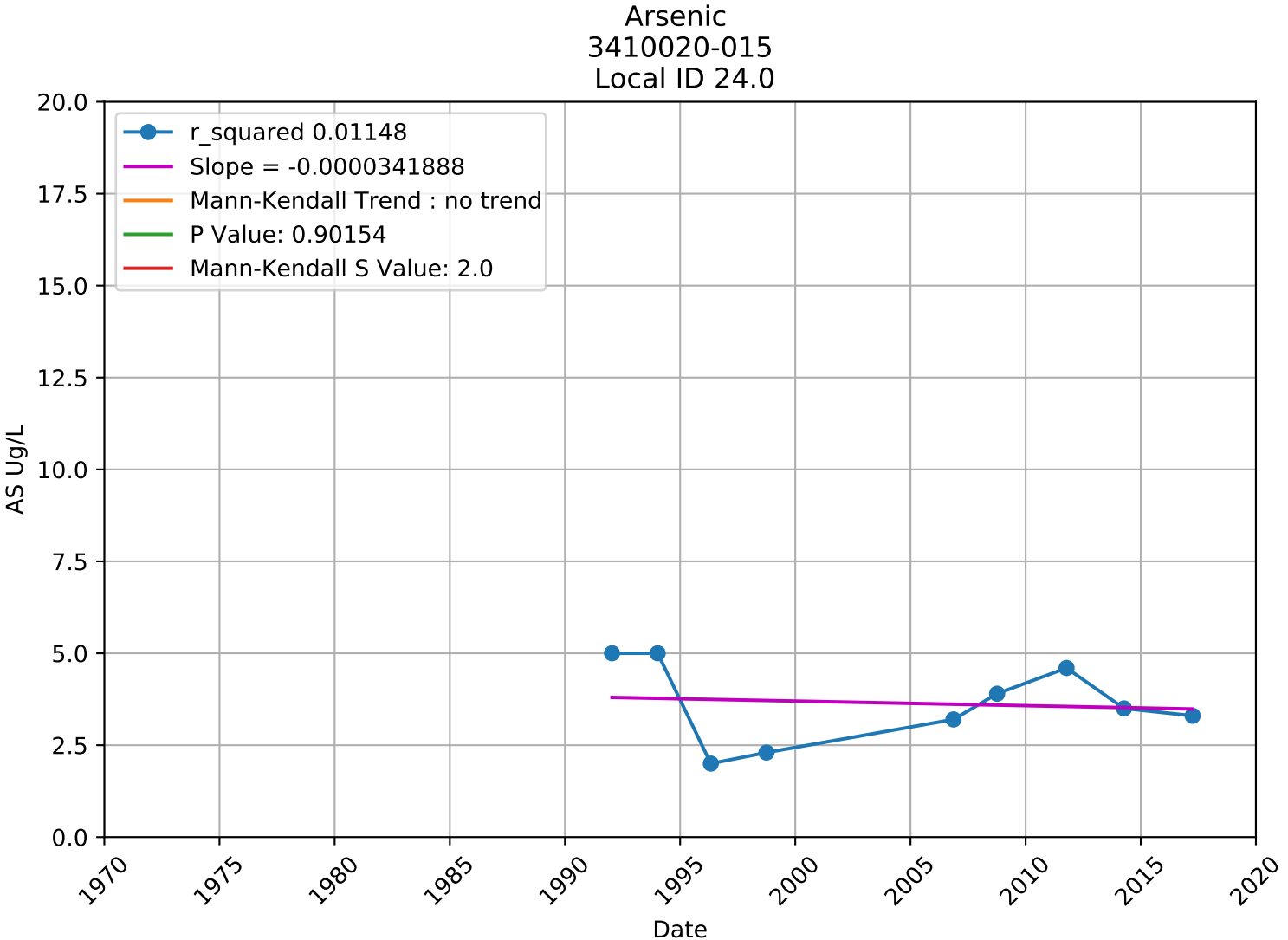

Arsenic
3410013-027
Local ID 119.0
r_squared 0.01212
Slope = -0.0000634343
Mann-Kendall Trend : no trend
P Value: 0.09827
Mann-Kendall S Value: 22.0
AS Ug/L
Date
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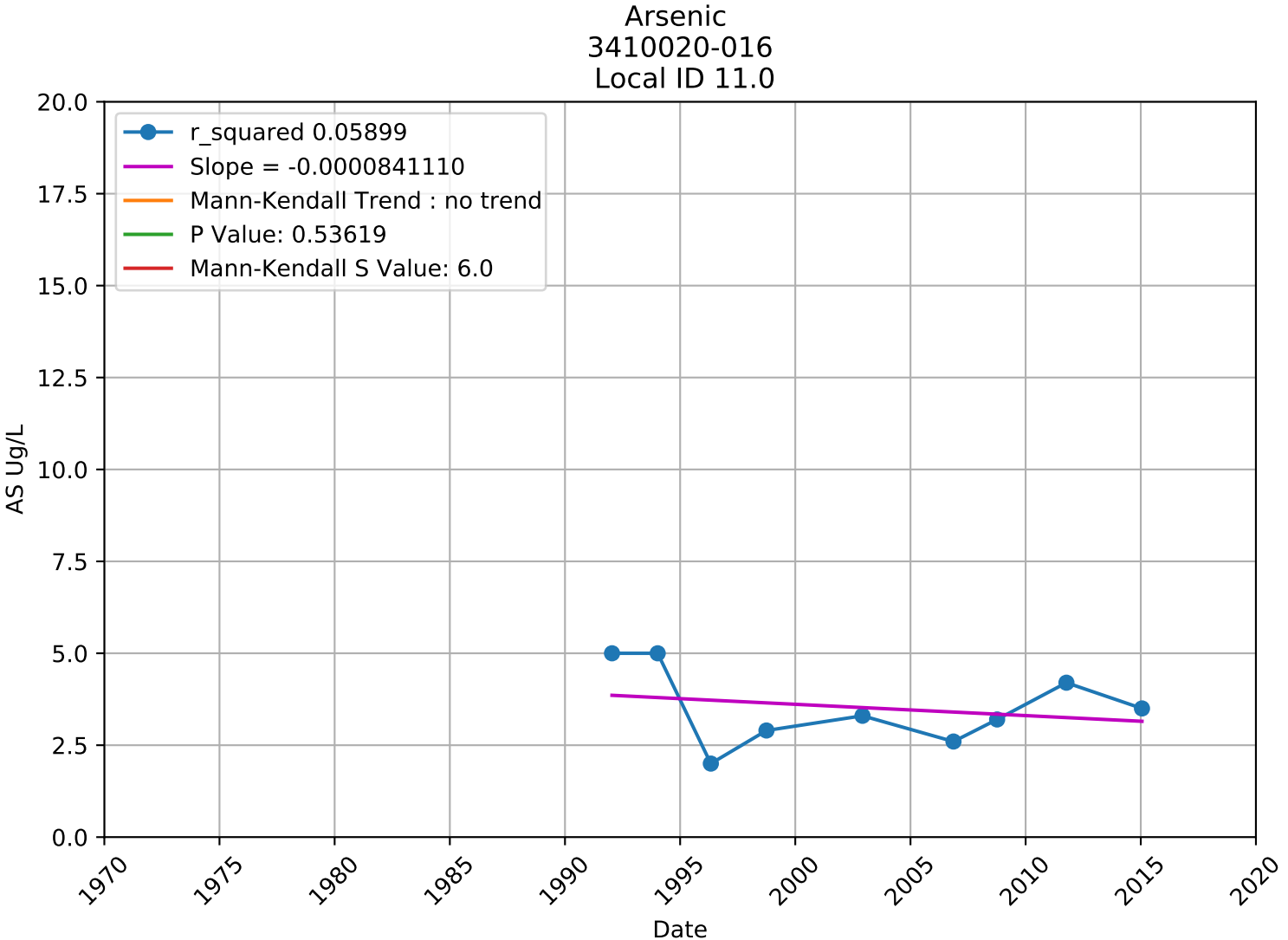

Arsenic
3410013-028
Local ID 165.0
r_squared 0.33821
Slope = -0.0001609663
Mann-Kendall Trend : no trend
P Value: 0.21130
Mann-Kendall S Value: -6.0
AS Ug/L
Date
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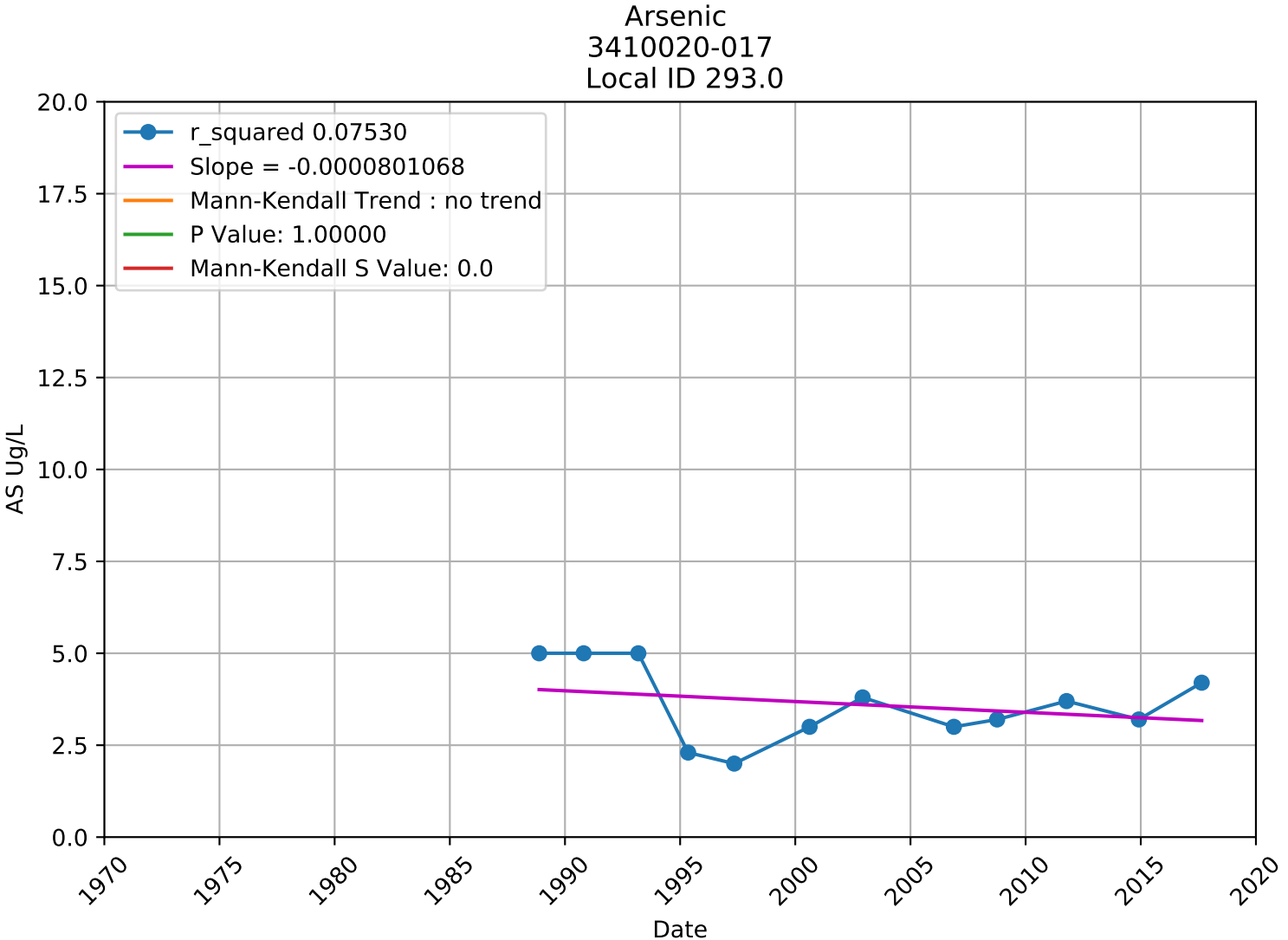

Arsenic
3410016-001
Local ID 125.0
r_squared 0.19357
Slope = -0.0003706065
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
AS Ug/L
Date
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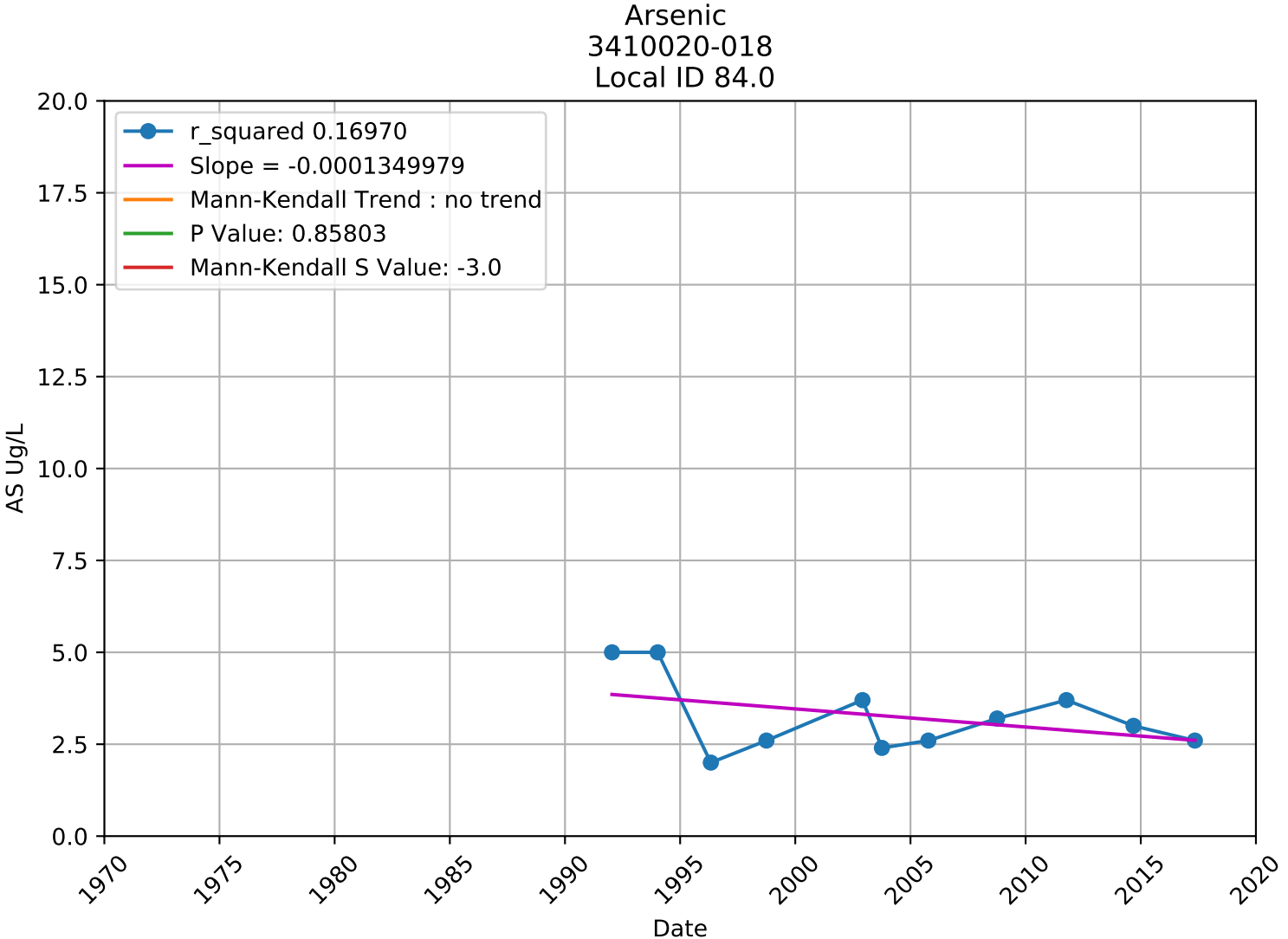

Arsenic
3410016-002
Local ID 147.0
r_squared 0.00097
Slope = 0.0000050533
Mann-Kendall Trend : no trend
P Value: 0.80650
Mann-Kendall S Value: -2.0
AS Ug/L
Date
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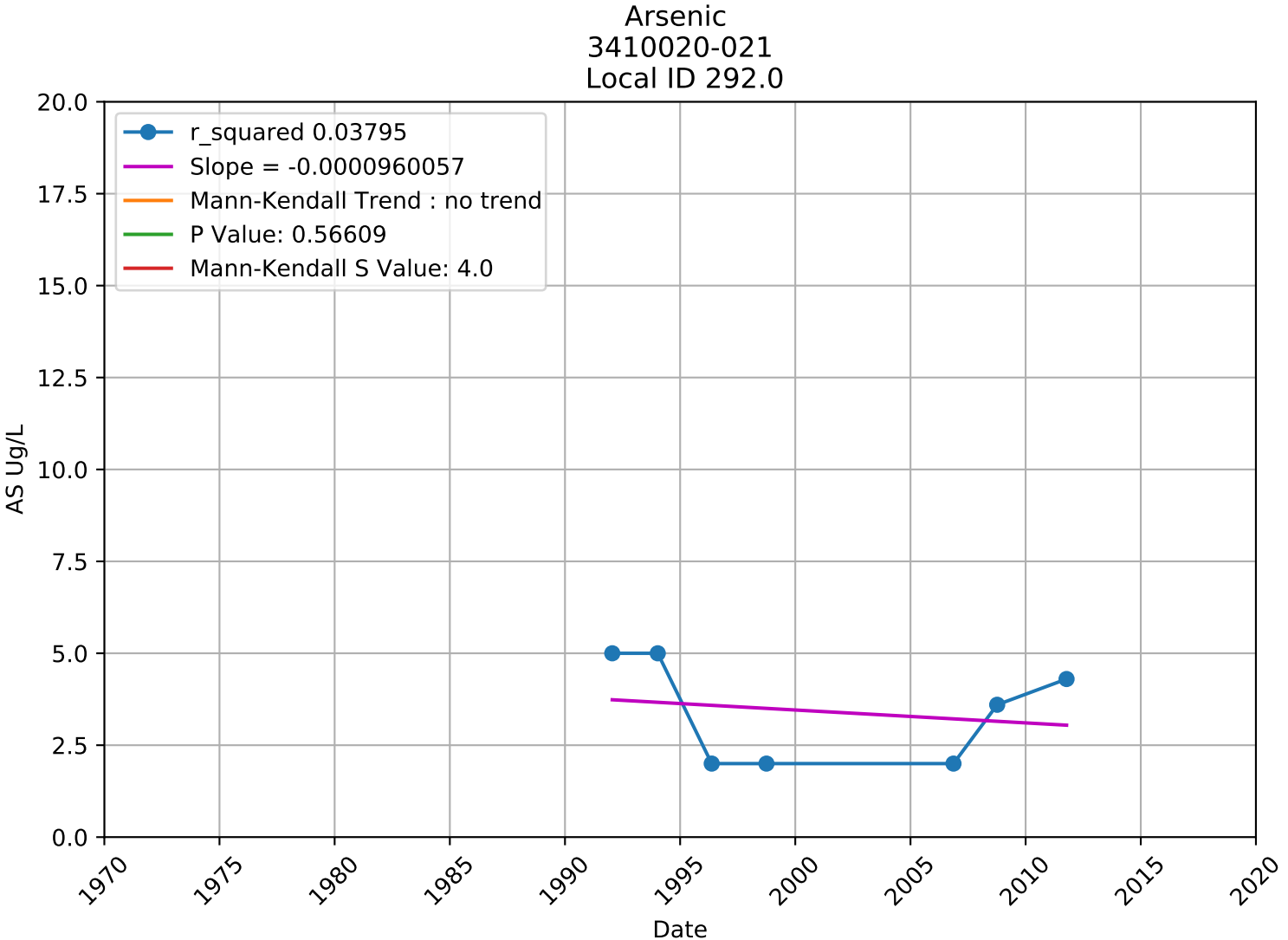

Arsenic
3410018-005
Local ID 126.0
r_squared 0.00059
Slope = -0.0000734599
Mann-Kendall Trend : no trend
P Value: 0.08943
Mann-Kendall S Value: -6.0
AS Ug/L
Date
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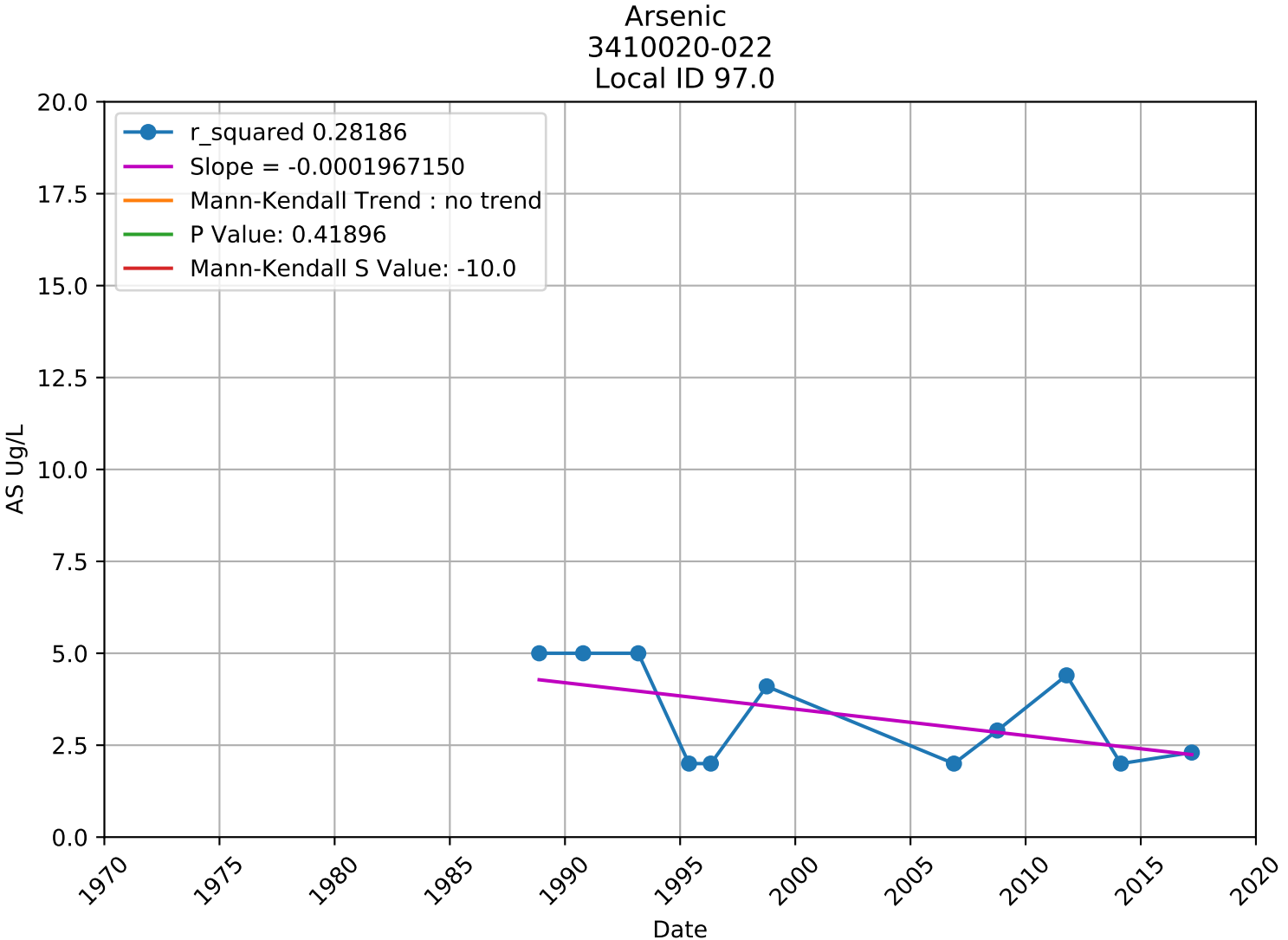

Arsenic
3410020-015
Local ID 24.0
r_squared 0.01148
Slope = -0.0000341888
Mann-Kendall Trend : no trend
P Value: 0.90154
Mann-Kendall S Value: 2.0
AS Ug/L
Date
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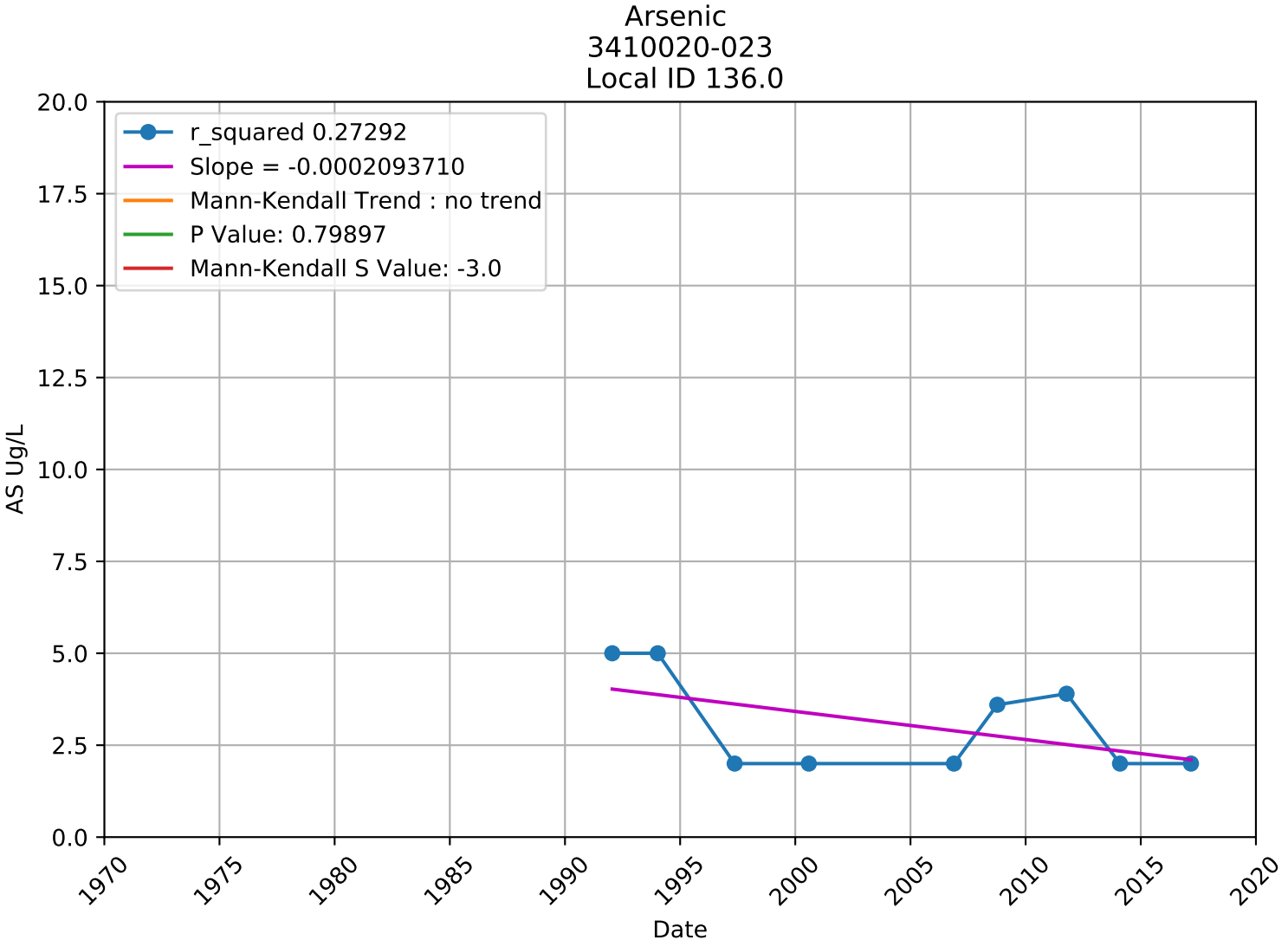

Arsenic
3410020-016
Local ID 11.0
r_squared 0.05899
Slope = -0.0000841110
Mann-Kendall Trend : no trend
P Value: 0.53619
Mann-Kendall S Value: 6.0
AS Ug/L
Date
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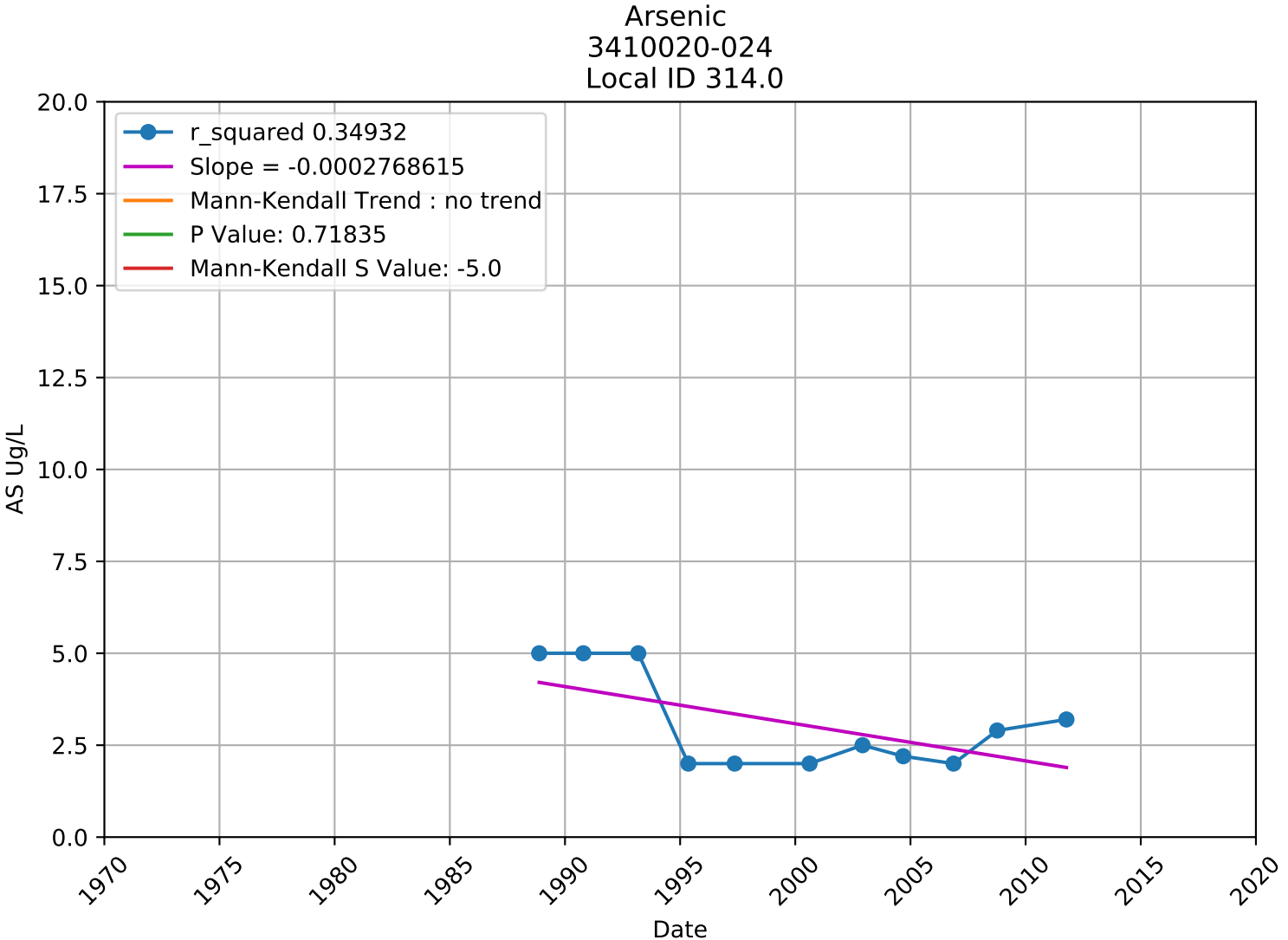

Arsenic
3410020-017
Local ID 293.0
r_squared 0.07530
Slope = -0.0000801068
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
AS Ug/L
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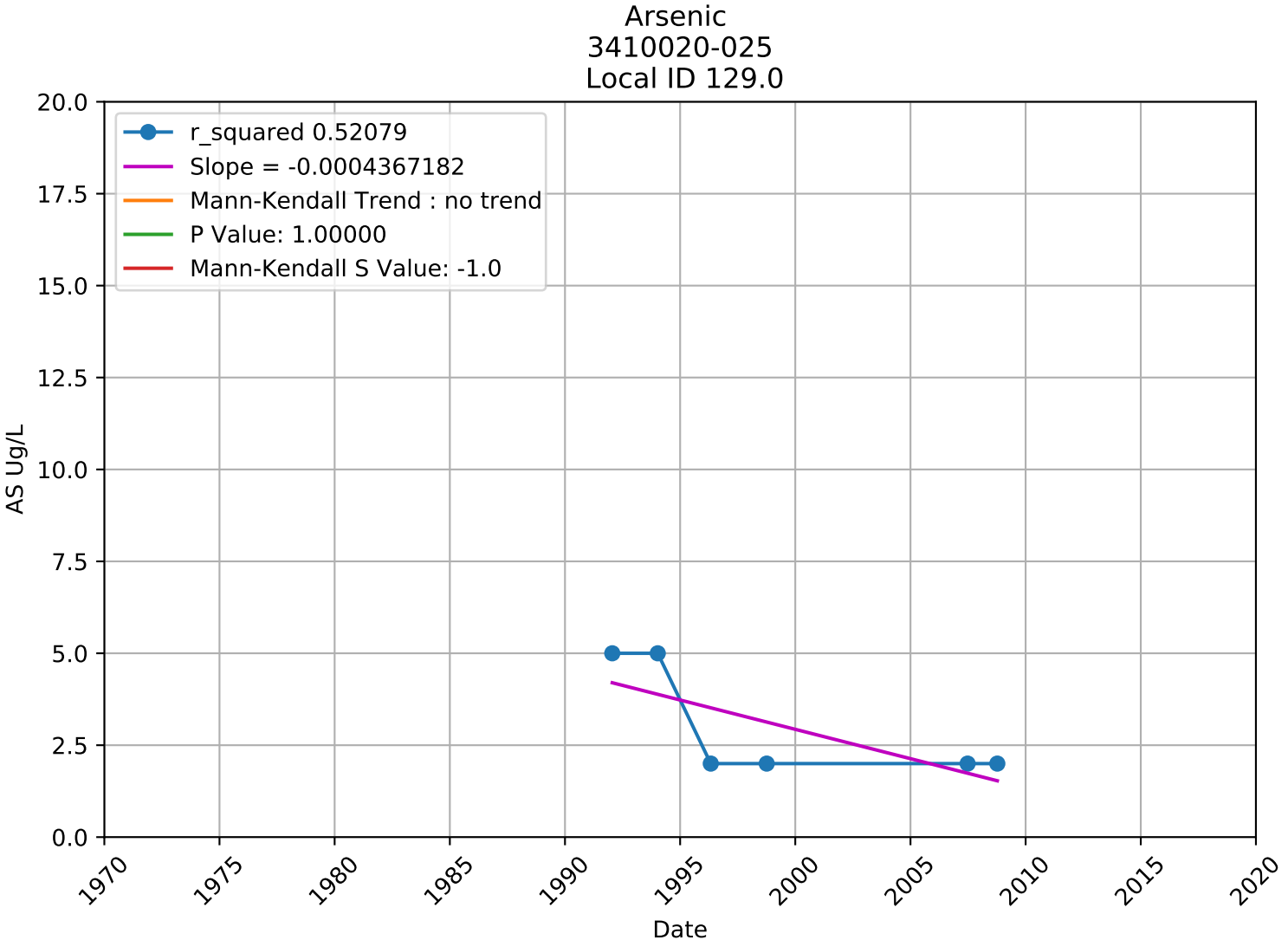

Arsenic
3410020-018
Local ID 84.0
r_squared 0.16970
Slope = -0.0001349979
Mann-Kendall Trend : no trend
P Value: 0.85803
Mann-Kendall S Value: -3.0
AS Ug/L
Date
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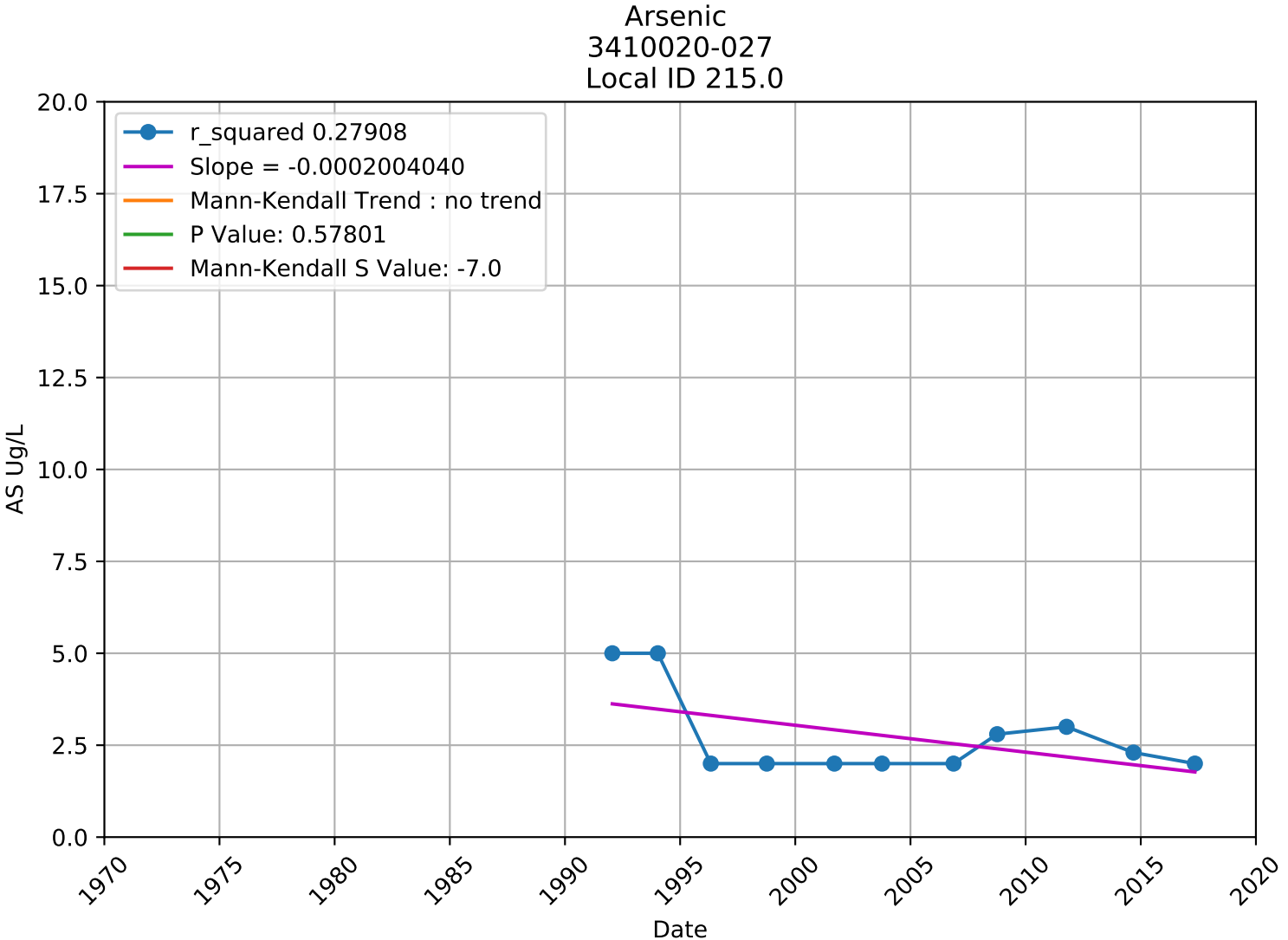

Arsenic
3410020-021
Local ID 292.0
r_squared 0.03795
Slope = -0.0000960057
Mann-Kendall Trend : no trend
P Value: 0.56609
Mann-Kendall S Value: 4.0
AS Ug/L
Date
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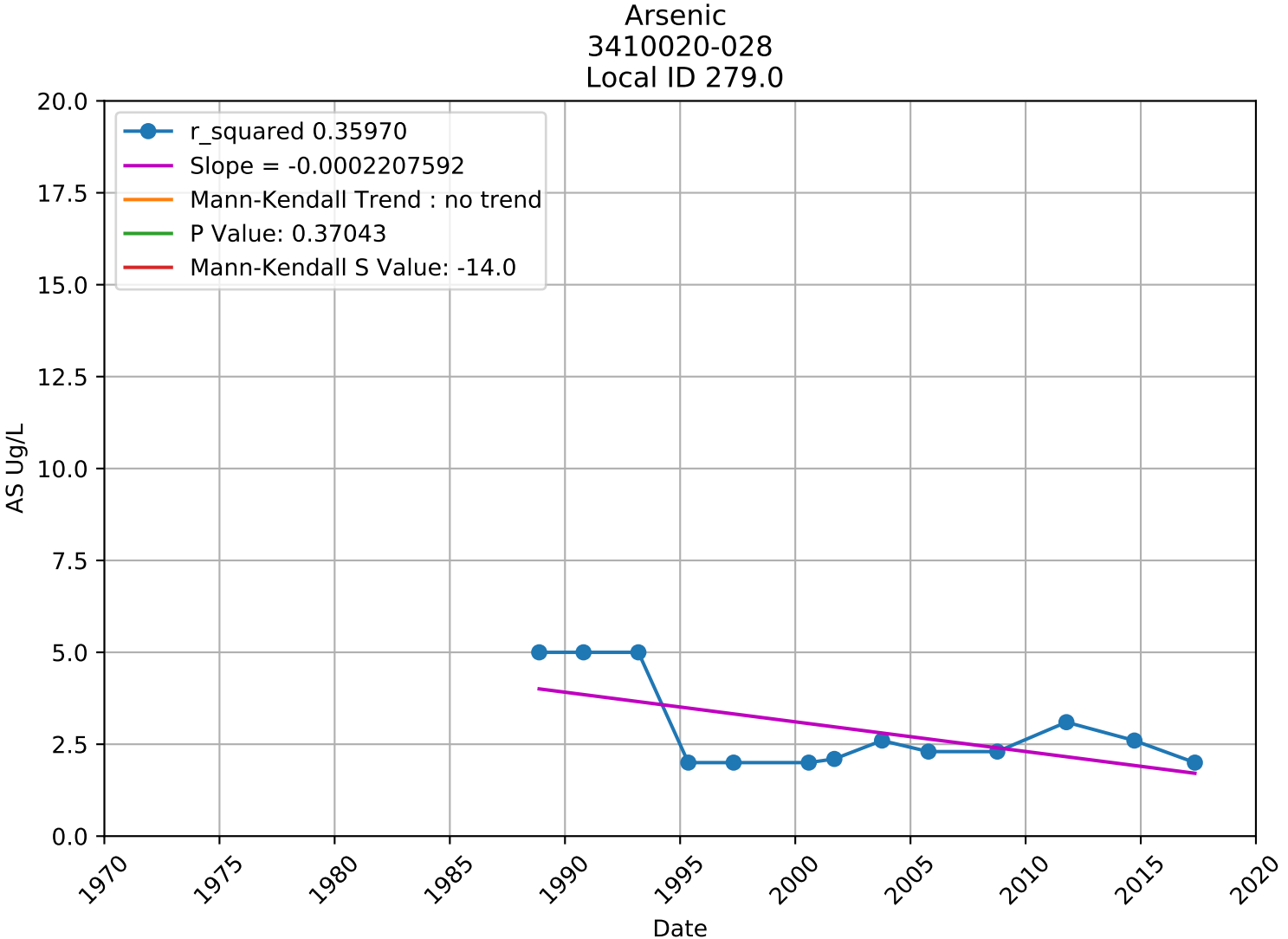

Arsenic
3410020-022
Local ID 97.0
r_squared 0.28186
Slope = -0.0001967150
Mann-Kendall Trend : no trend
P Value: 0.41896
Mann-Kendall S Value: -10.0
AS Ug/L
Date
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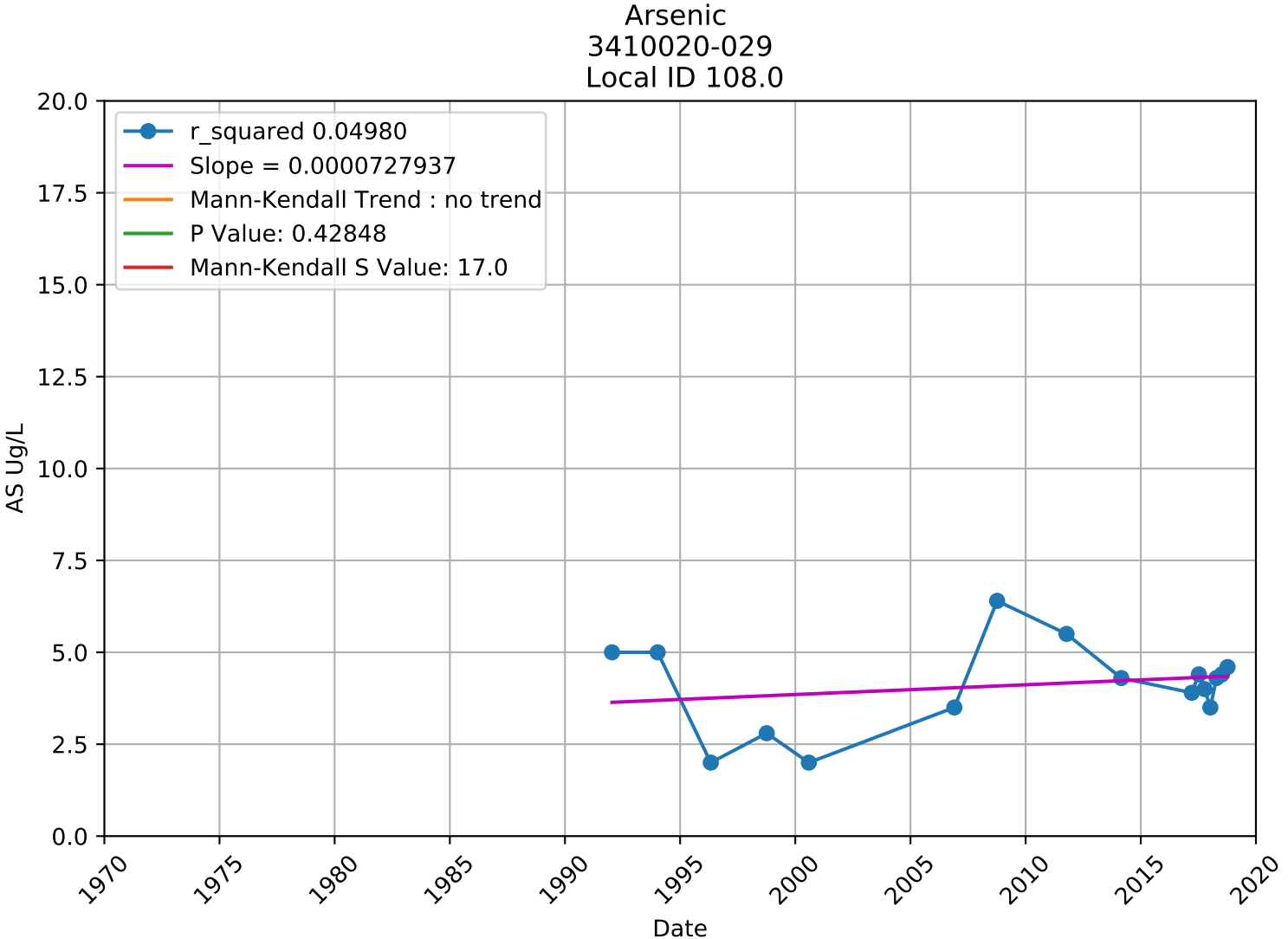

Arsenic
3410020-023
Local ID 136.0
r_squared 0.27292
Slope = -0.0002093710
Mann-Kendall Trend : no trend
P Value: 0.79897
Mann-Kendall S Value: -3.0
AS Ug/L
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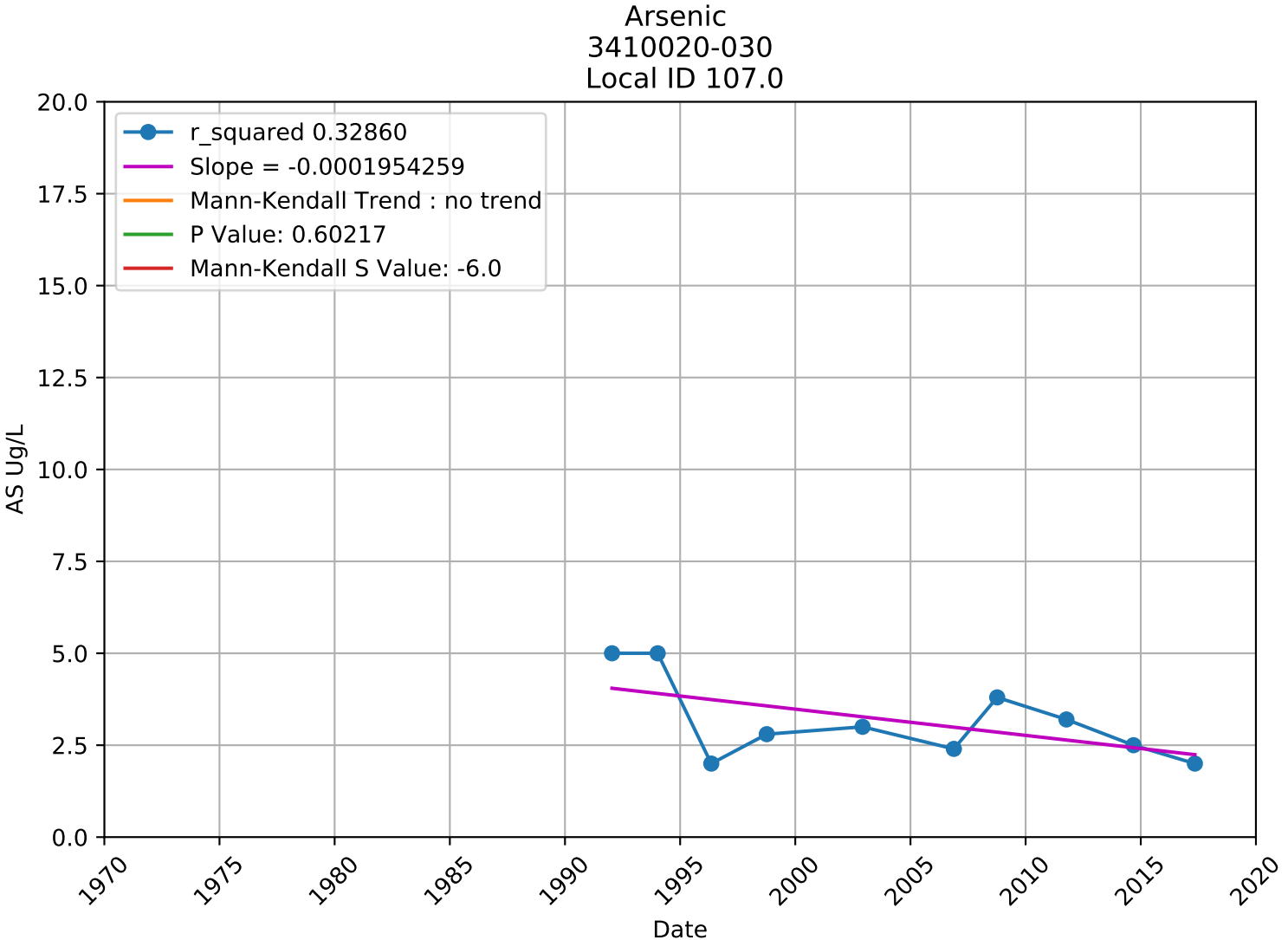

Arsenic
3410020-024
Local ID 314.0
r_squared 0.34932
Slope = -0.0002768615
Mann-Kendall Trend : no trend
P Value: 0.71835
Mann-Kendall S Value: -5.0
AS Ug/L
Date
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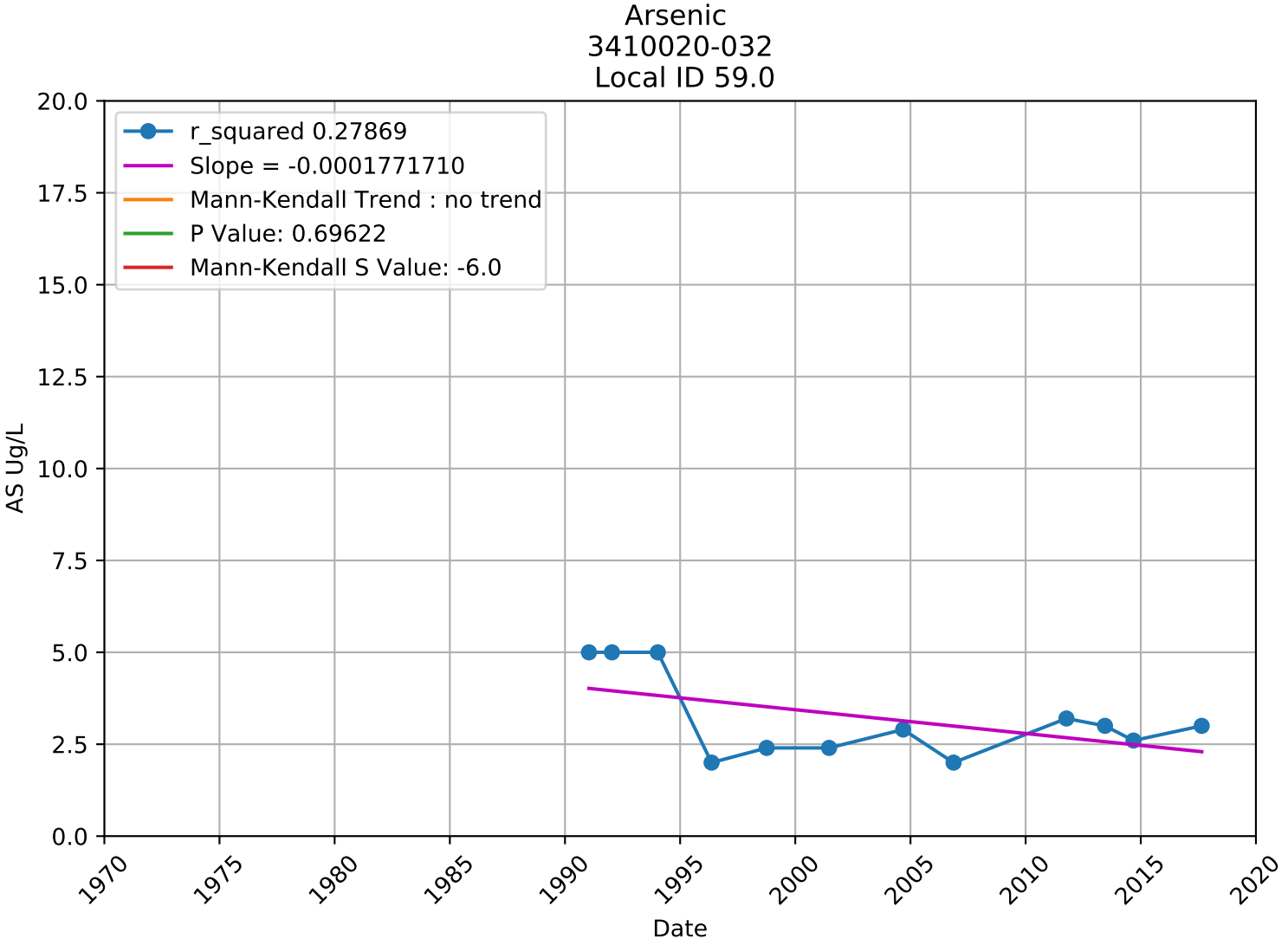

Arsenic
3410020-025
Local ID 129.0
r_squared 0.52079
Slope = -0.0004367182
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
AS Ug/L
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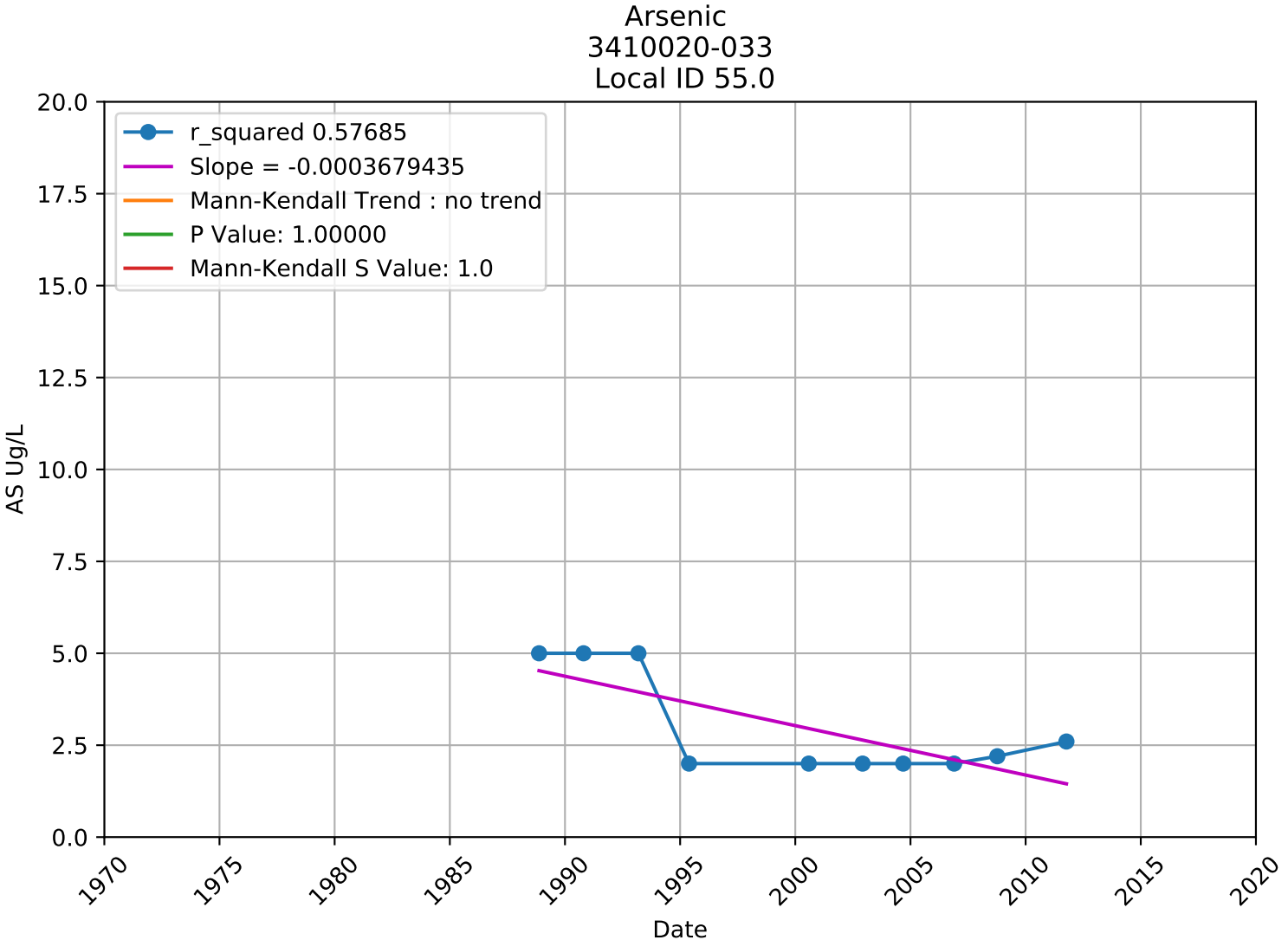

Arsenic
3410020-027
Local ID 215.0
r_squared 0.27908
Slope = -0.0002004040
Mann-Kendall Trend : no trend
P Value: 0.57801
Mann-Kendall S Value: -7.0
AS Ug/L
Date
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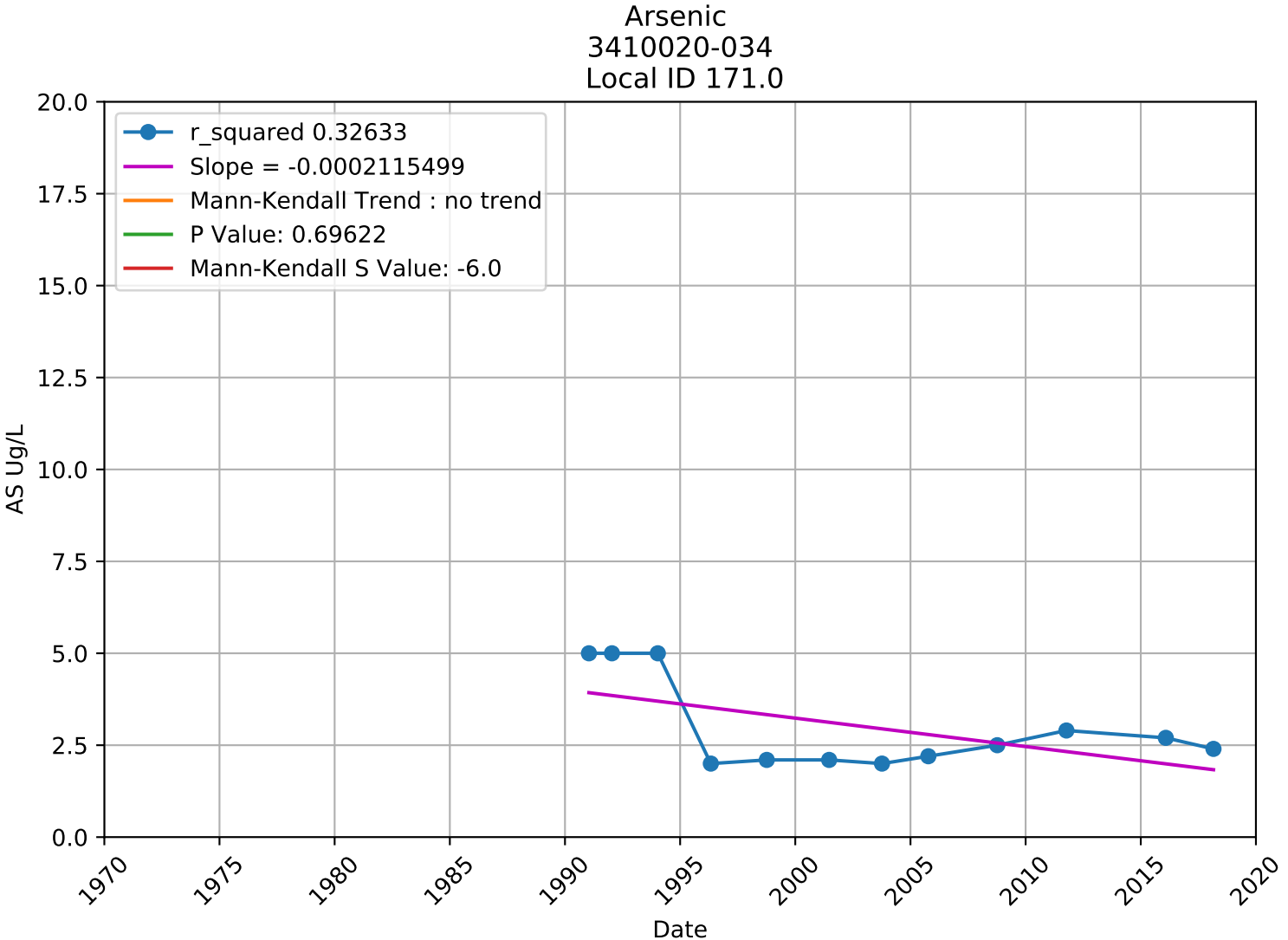

Arsenic
3410020-028
Local ID 279.0
r_squared 0.35970
Slope = -0.0002207592
Mann-Kendall Trend : no trend
P Value: 0.37043
Mann-Kendall S Value: -14.0
AS Ug/L
Date
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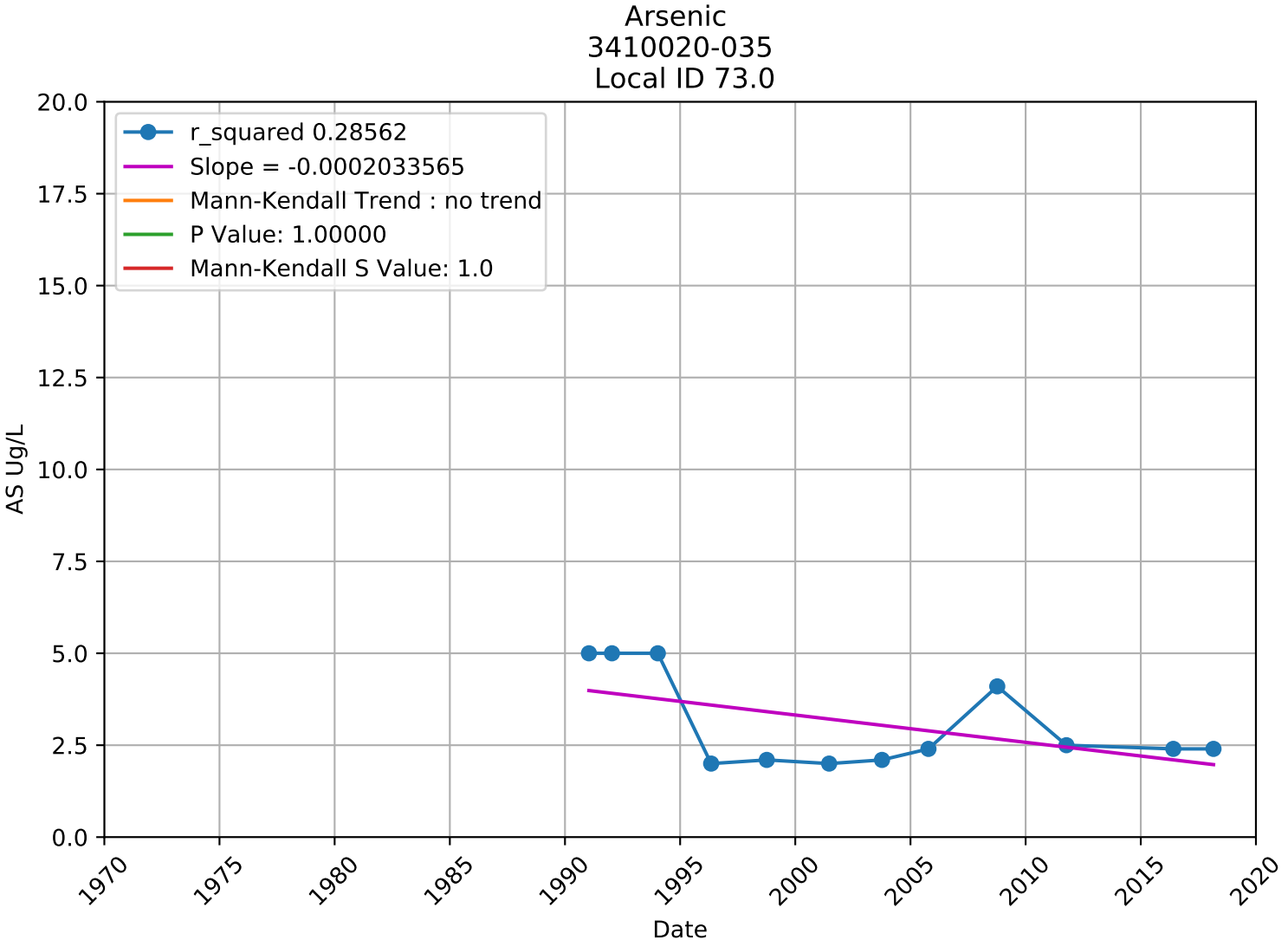

Arsenic
3410020-029
Local ID 108.0
r_squared 0.04980
Slope = 0.0000727937
Mann-Kendall Trend : no trend
P Value: 0.42848
Mann-Kendall S Value: 17.0
AS Ug/L
Date
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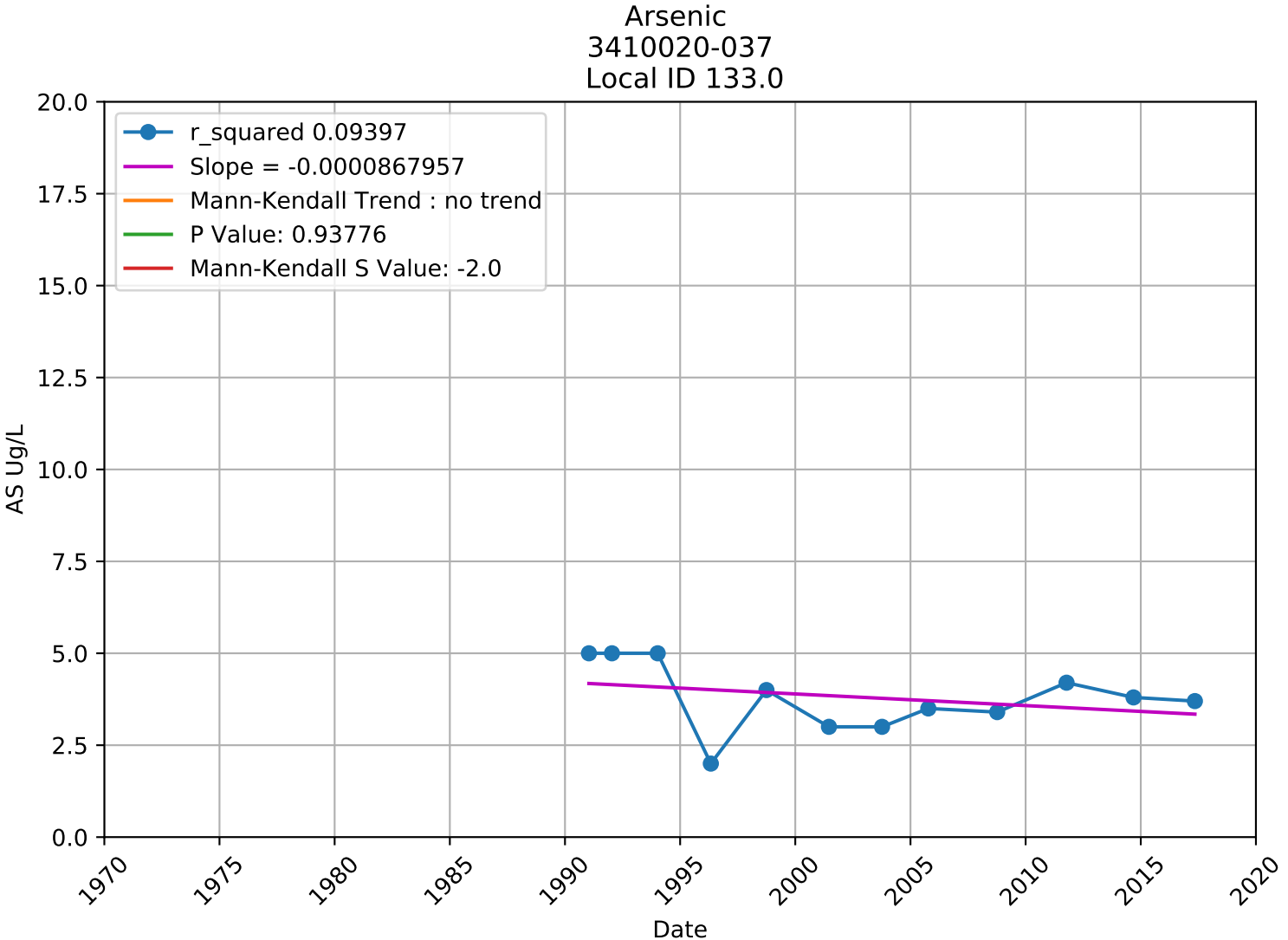

Arsenic
3410020-030
Local ID 107.0
r_squared 0.32860
Slope = -0.0001954259
Mann-Kendall Trend : no trend
P Value: 0.60217
Mann-Kendall S Value: -6.0
AS Ug/L
Date
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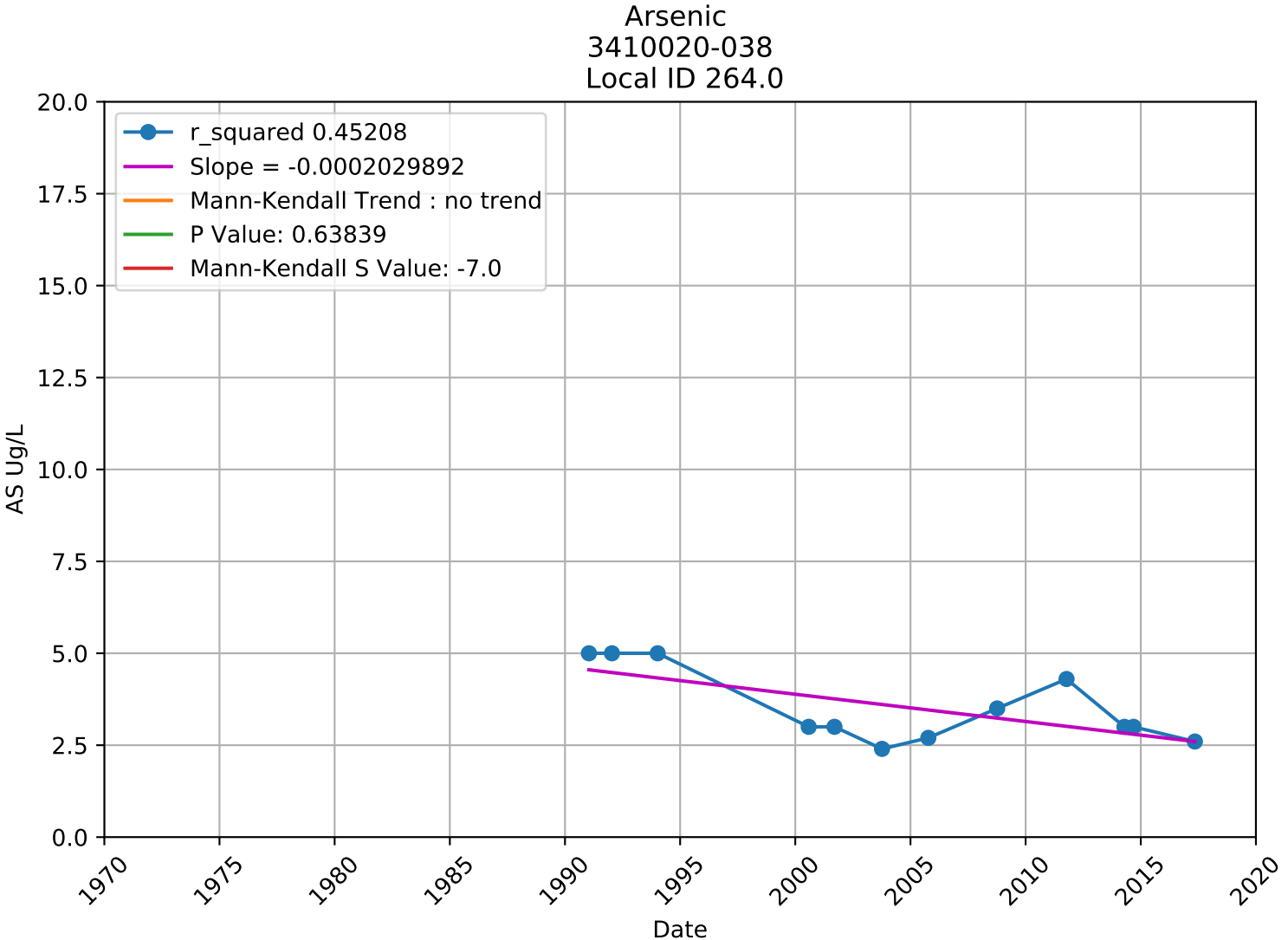

Arsenic
3410020-032
Local ID 59.0
r_squared 0.27869
Slope = -0.0001771710
Mann-Kendall Trend : no trend
P Value: 0.69622
Mann-Kendall S Value: -6.0
AS Ug/L
Date
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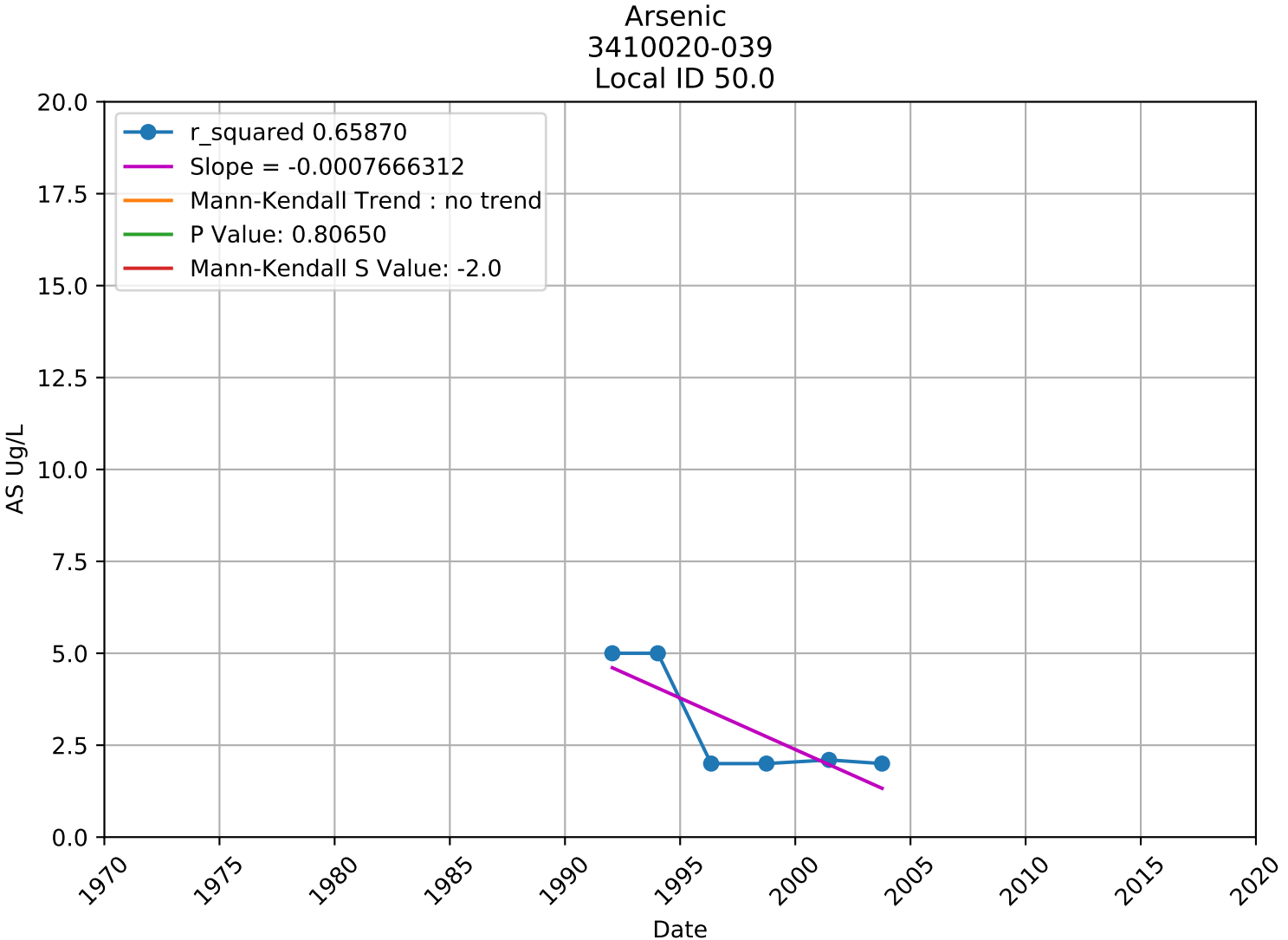

Arsenic
3410020-033
Local ID 55.0
r_squared 0.57685
Slope = -0.0003679435
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
AS Ug/L
Date
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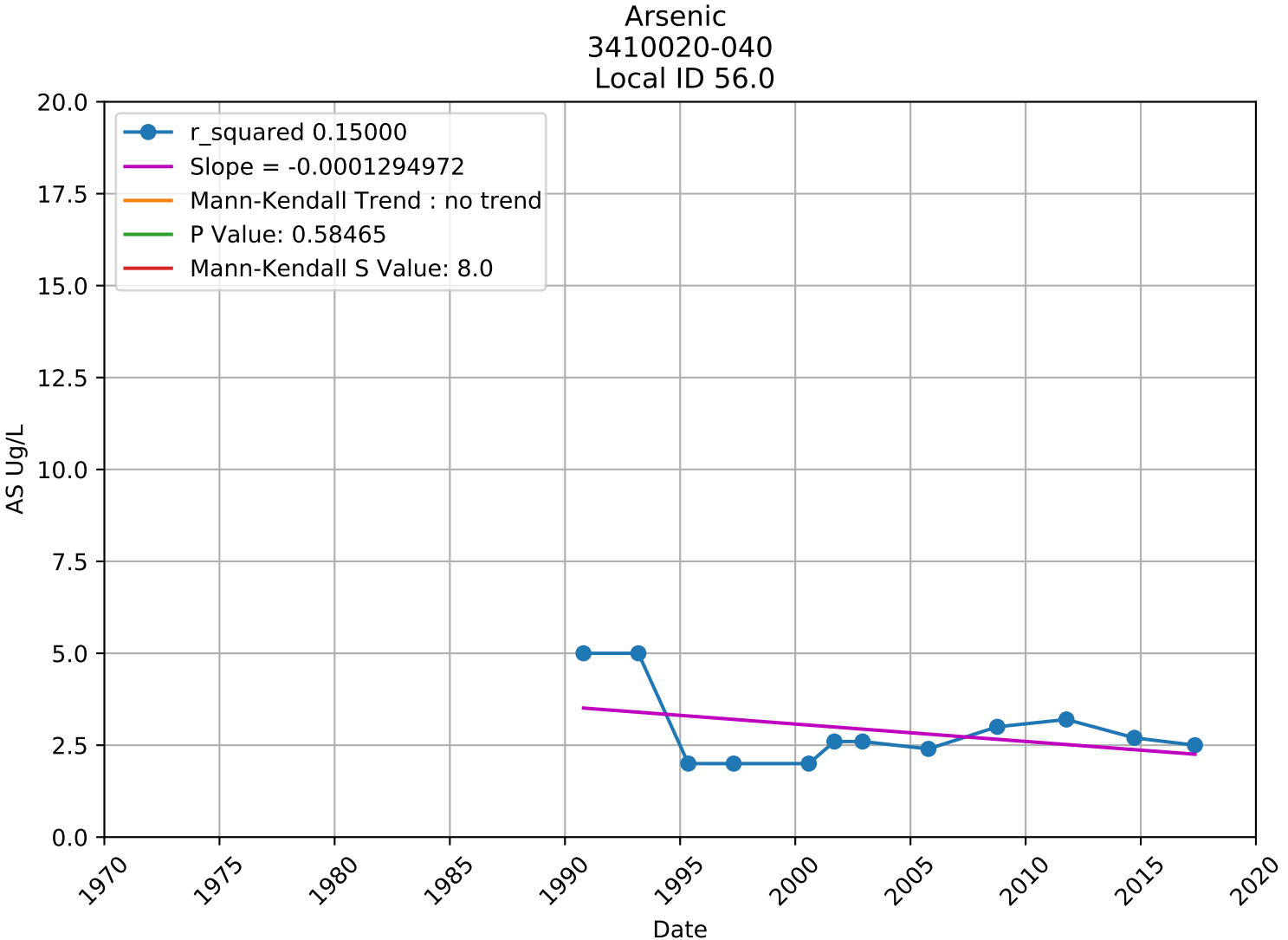

Arsenic
3410020-034
Local ID 171.0
r_squared 0.32633
Slope = -0.0002115499
Mann-Kendall Trend : no trend
P Value: 0.69622
Mann-Kendall S Value: -6.0
AS Ug/L
Date
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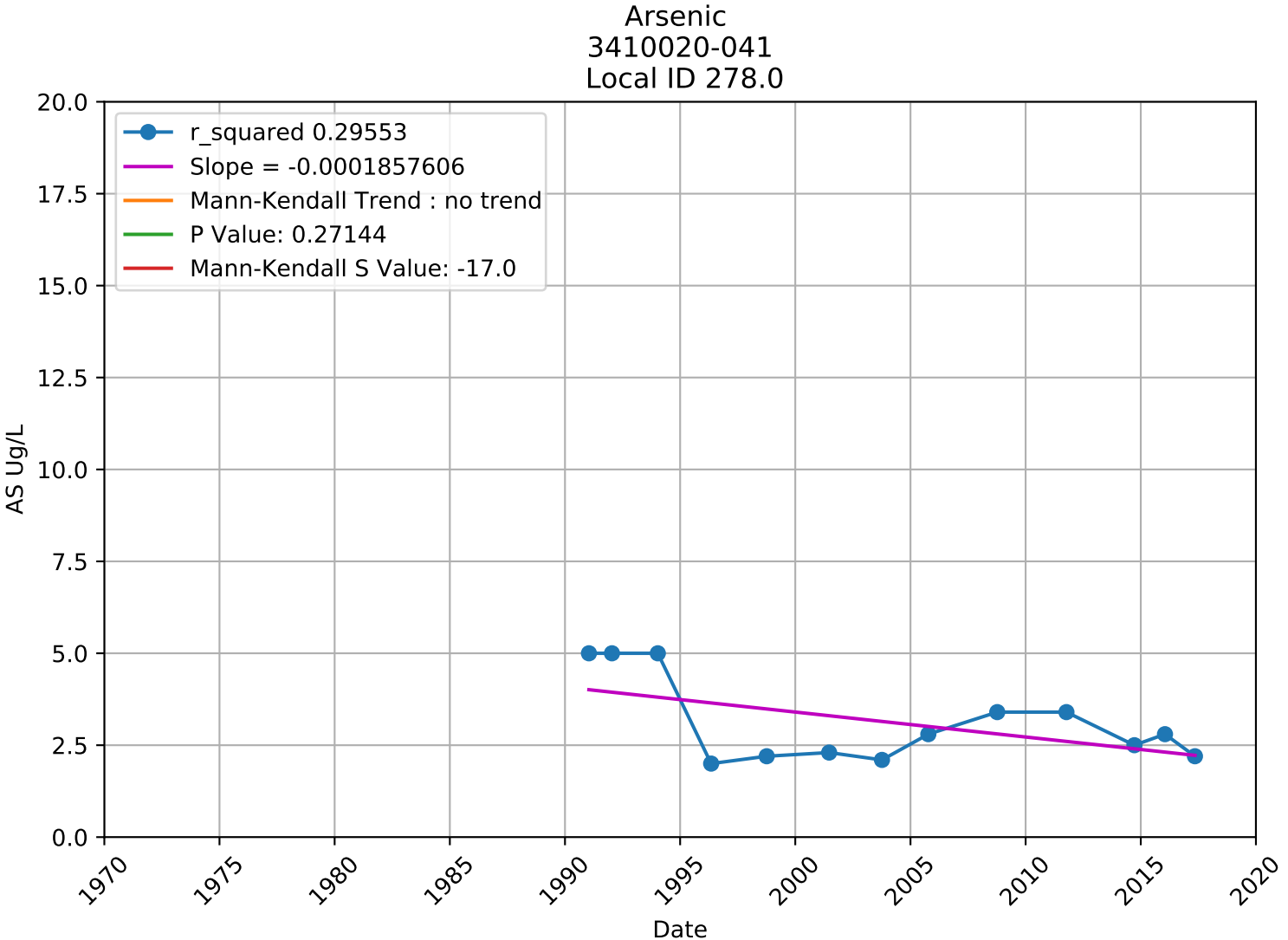

Arsenic
3410020-035
Local ID 73.0
r_squared 0.28562
Slope = -0.0002033565
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
AS Ug/L
Date
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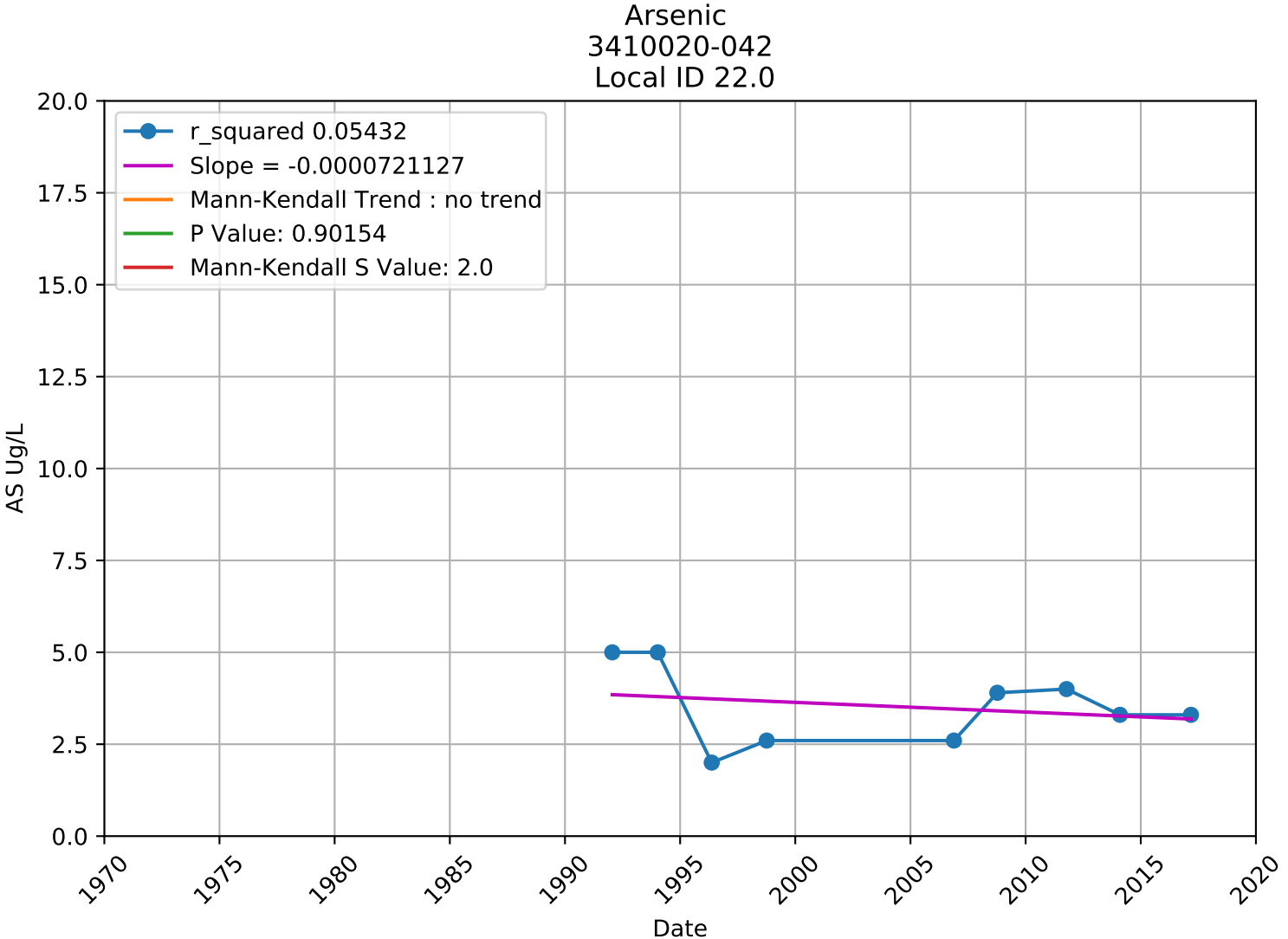

Arsenic
3410020-037
Local ID 133.0
r_squared 0.09397
Slope = -0.0000867957
Mann-Kendall Trend : no trend
P Value: 0.93776
Mann-Kendall S Value: -2.0
AS Ug/L
Date
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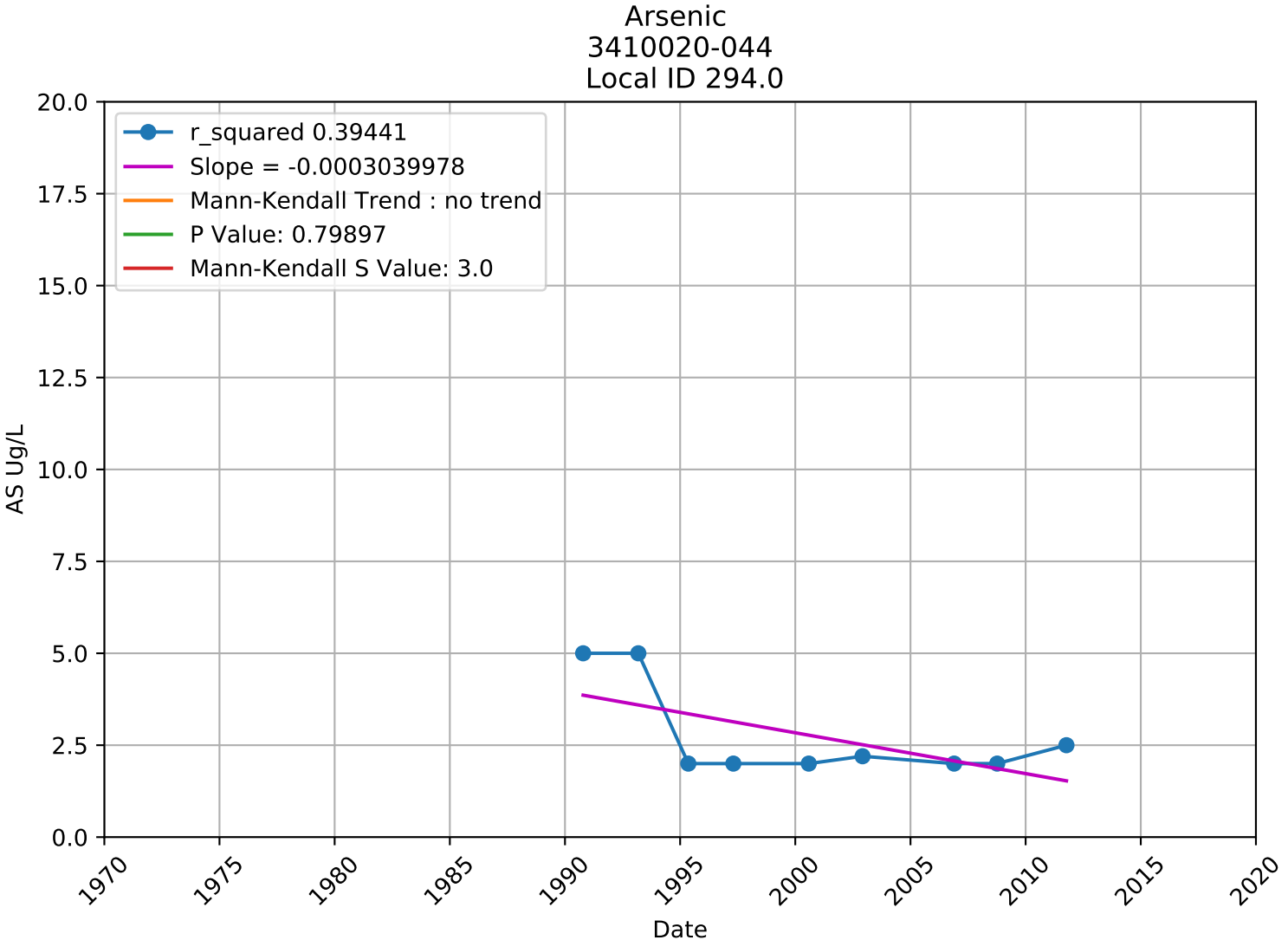

Arsenic
3410020-038
Local ID 264.0
r_squared 0.45208
Slope = -0.0002029892
Mann-Kendall Trend : no trend
P Value: 0.63839
Mann-Kendall S Value: -7.0
AS Ug/L
Date
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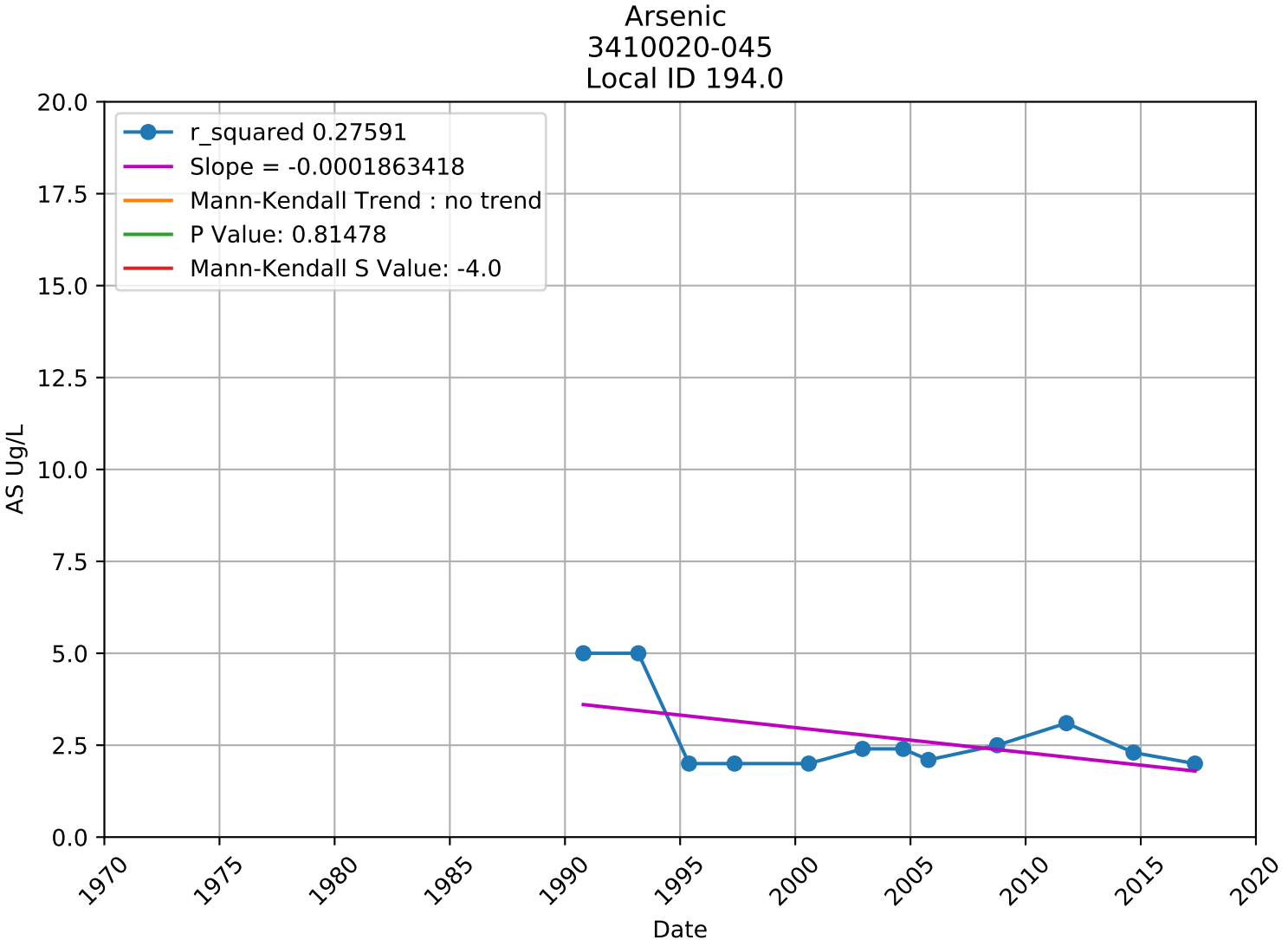

Arsenic
3410020-039
Local ID 50.0
r_squared 0.65870
Slope = -0.0007666312
Mann-Kendall Trend : no trend
P Value: 0.80650
Mann-Kendall S Value: -2.0
AS Ug/L
Date
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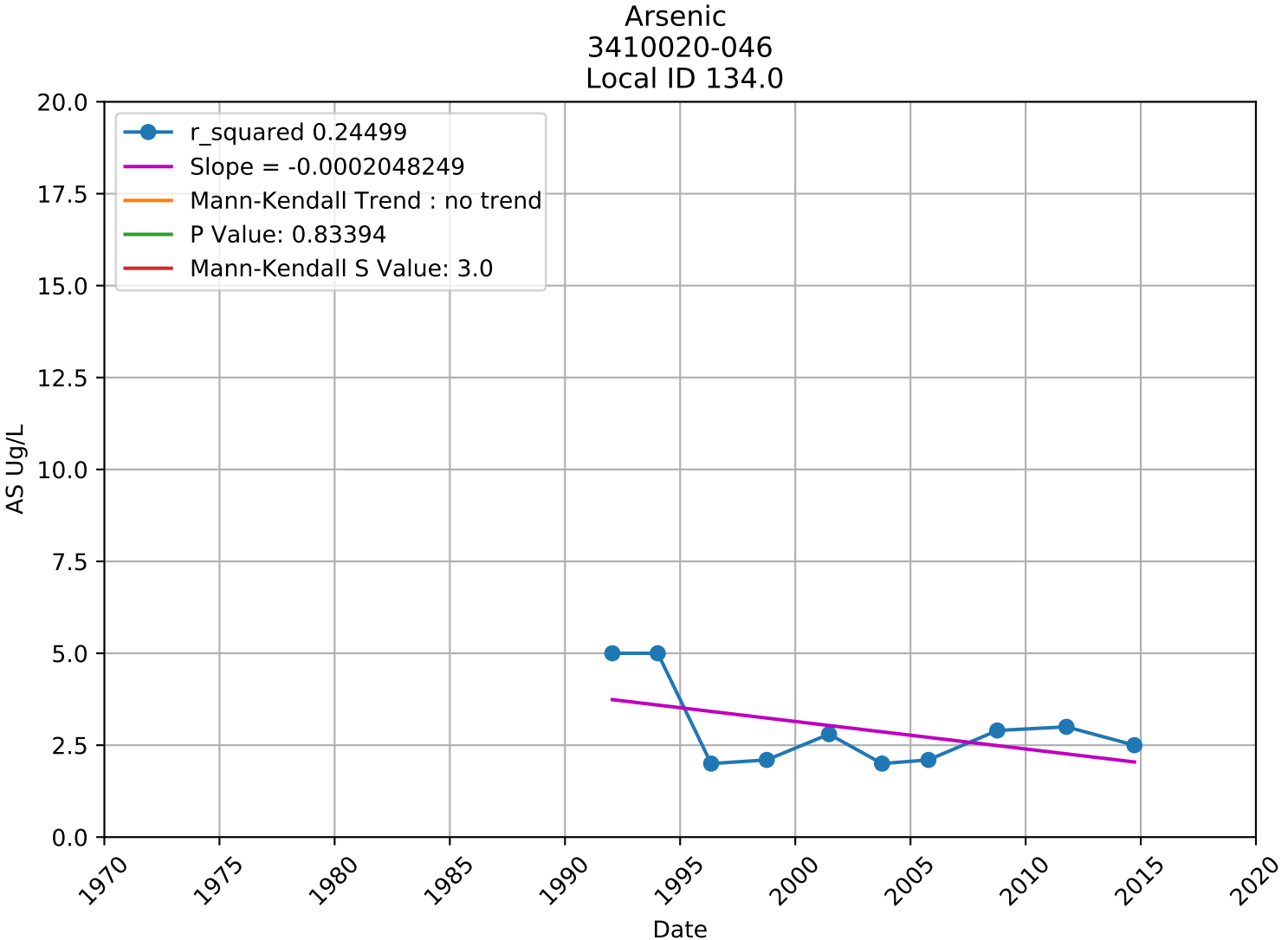

Arsenic
3410020-040
Local ID 56.0
r_squared 0.15000
Slope = -0.0001294972
Mann-Kendall Trend : no trend
P Value: 0.58465
Mann-Kendall S Value: 8.0
AS Ug/L
Date
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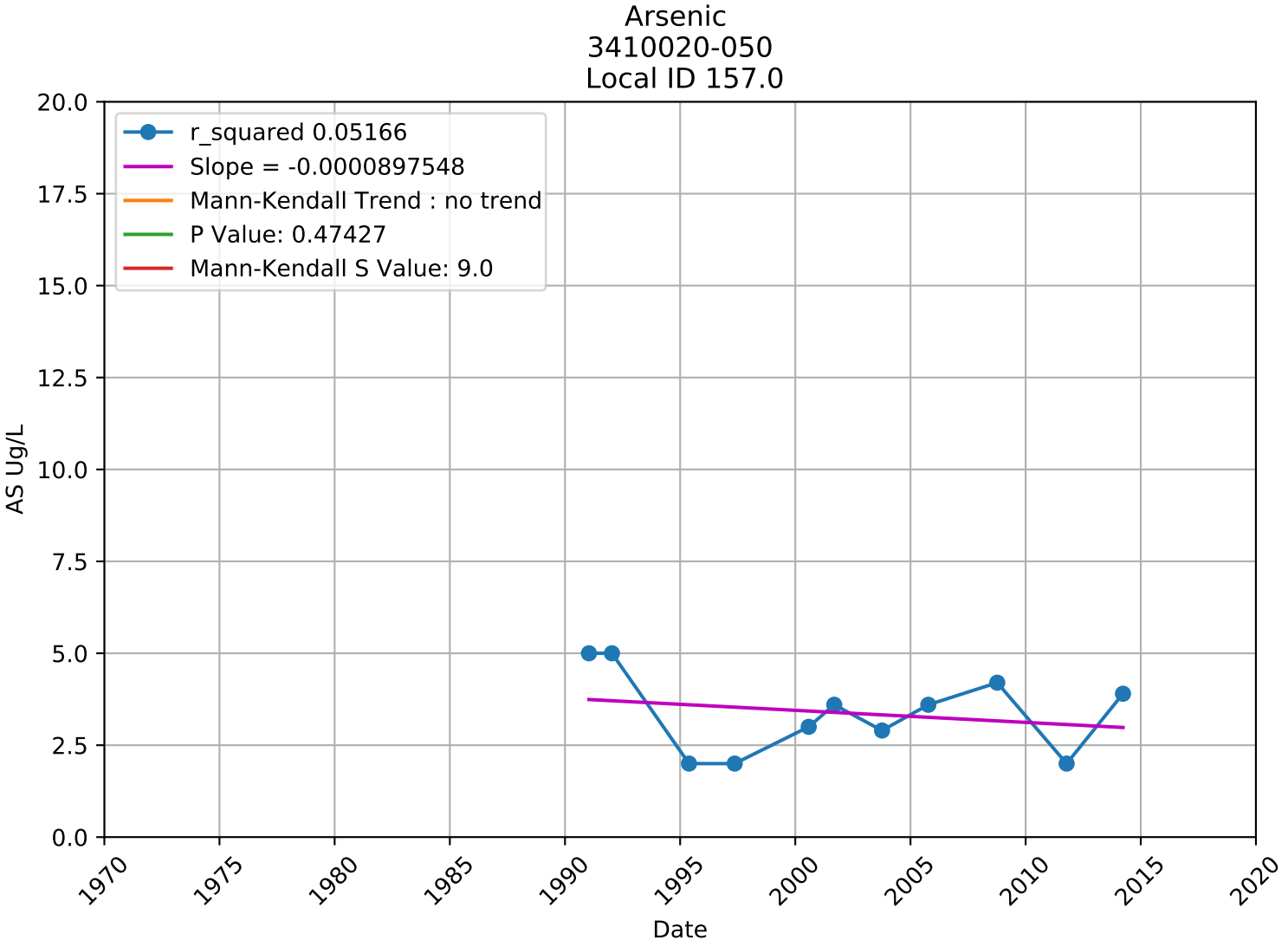

Arsenic
3410020-041
Local ID 278.0
r_squared 0.29553
Slope = -0.0001857606
Mann-Kendall Trend : no trend
P Value: 0.27144
Mann-Kendall S Value: -17.0
AS Ug/L
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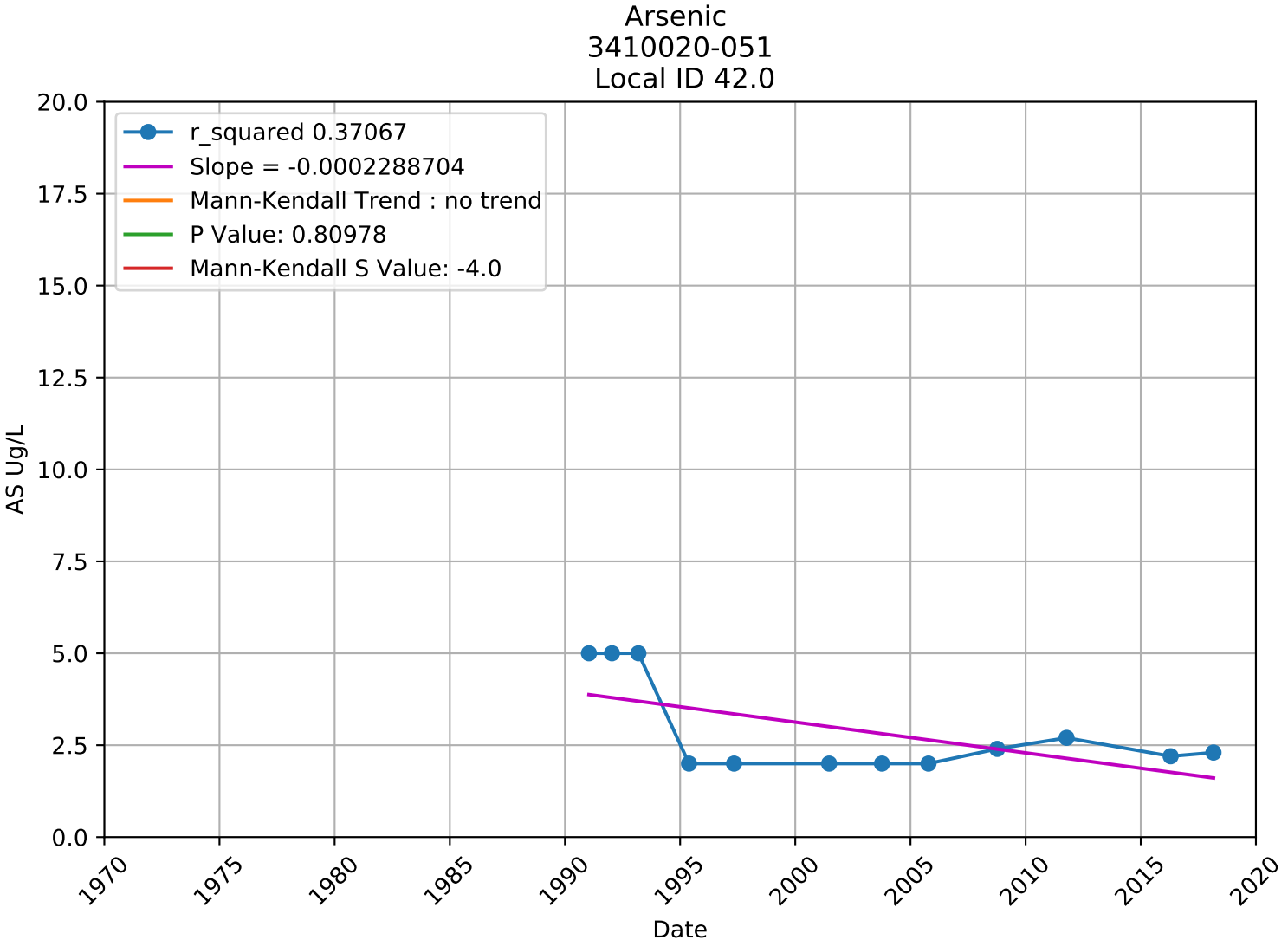

Arsenic
3410020-042
Local ID 22.0
r_squared 0.05432
Slope = -0.0000721127
Mann-Kendall Trend : no trend
P Value: 0.90154
Mann-Kendall S Value: 2.0
AS Ug/L
Date
20.0
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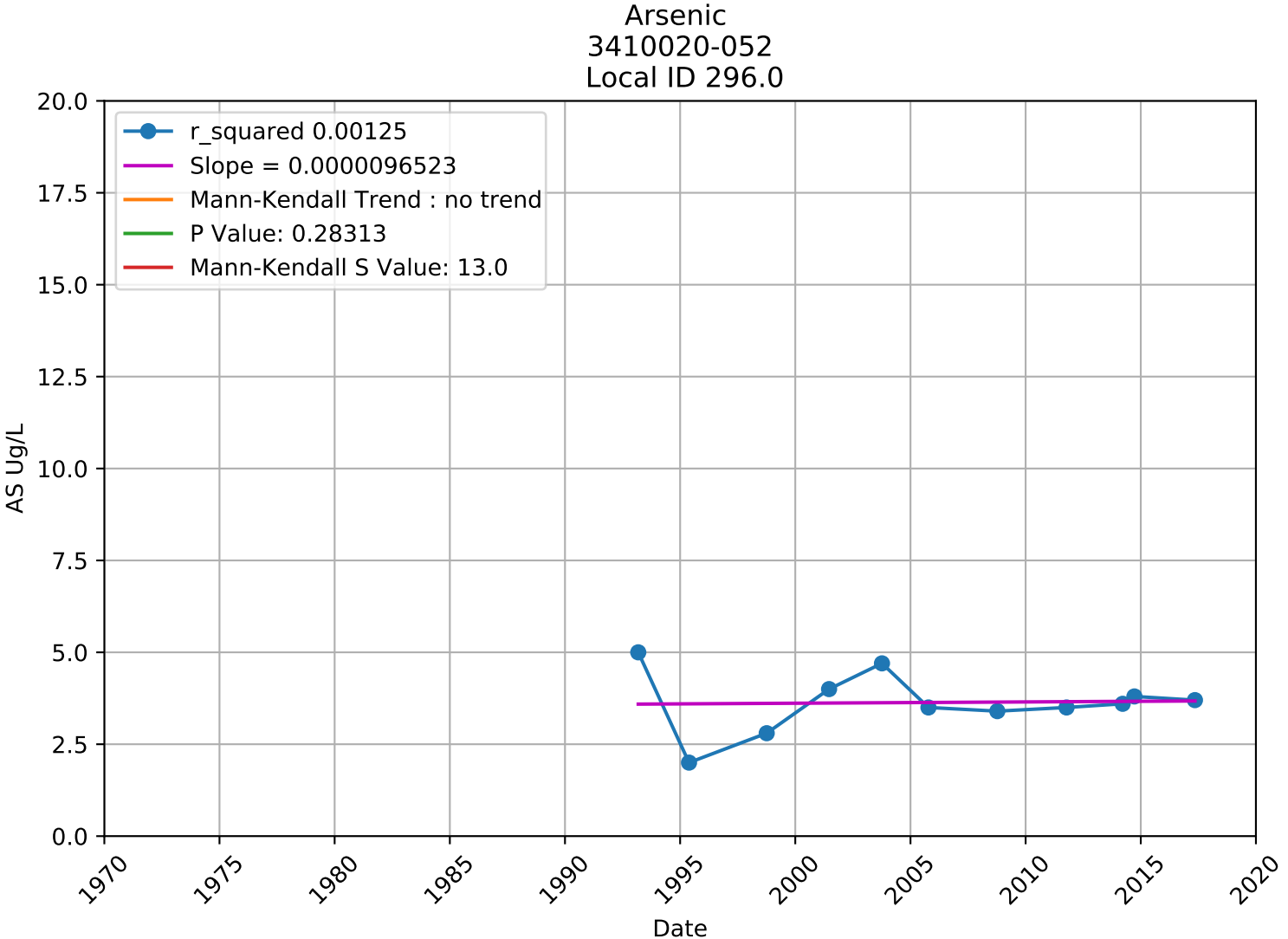

Arsenic
3410020-044
Local ID 294.0
r_squared 0.39441
Slope = -0.0003039978
Mann-Kendall Trend : no trend
P Value: 0.79897
Mann-Kendall S Value: 3.0
AS Ug/L
Date
20.0
17.5
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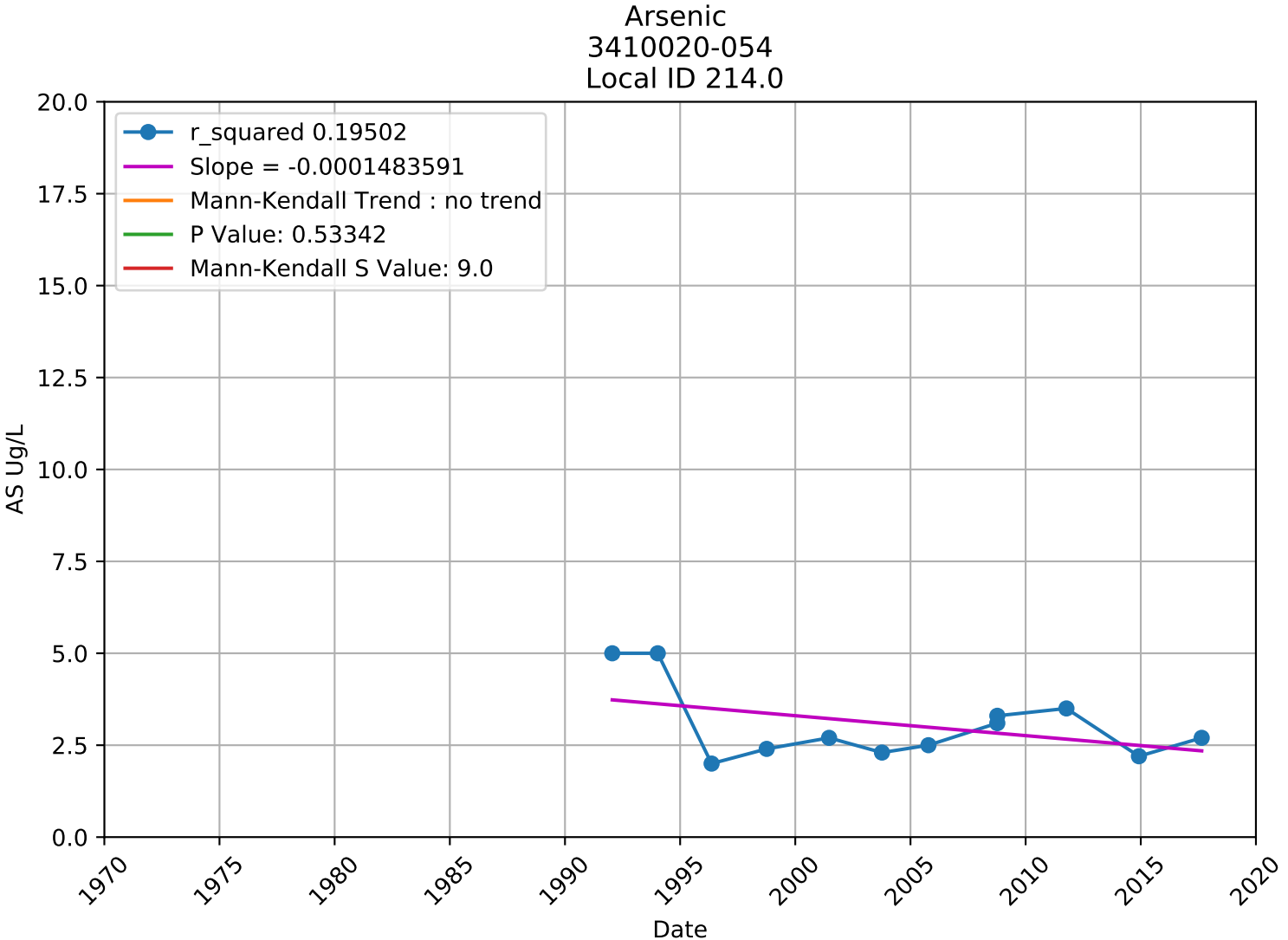

Arsenic
3410020-045
Local ID 194.0
r_squared 0.27591
Slope = -0.0001863418
Mann-Kendall Trend : no trend
P Value: 0.81478
Mann-Kendall S Value: -4.0
AS Ug/L
Date
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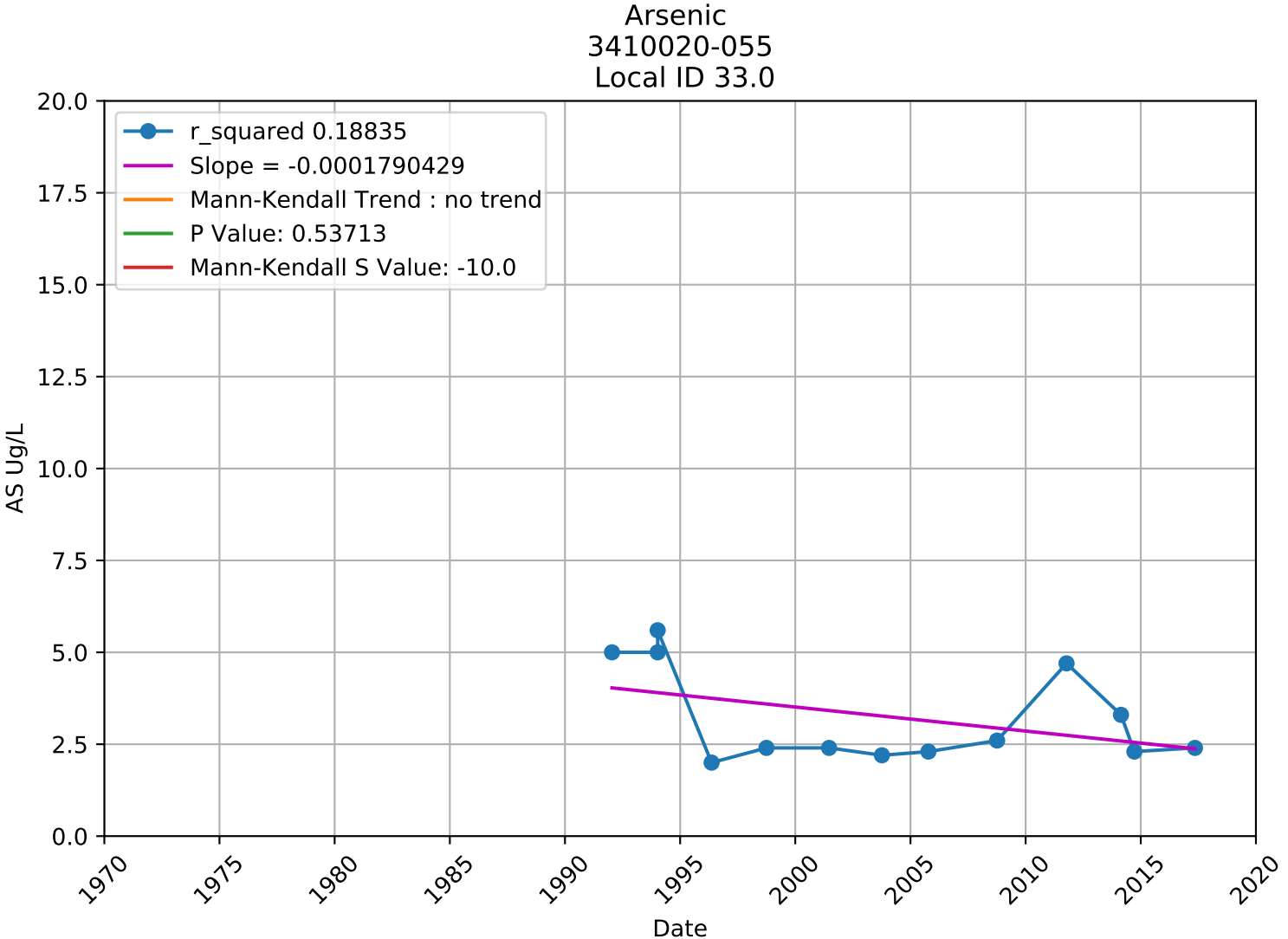

Arsenic
3410020-046
Local ID 134.0
r_squared 0.24499
Slope = -0.0002048249
Mann-Kendall Trend : no trend
P Value: 0.83394
Mann-Kendall S Value: 3.0
AS Ug/L
Date
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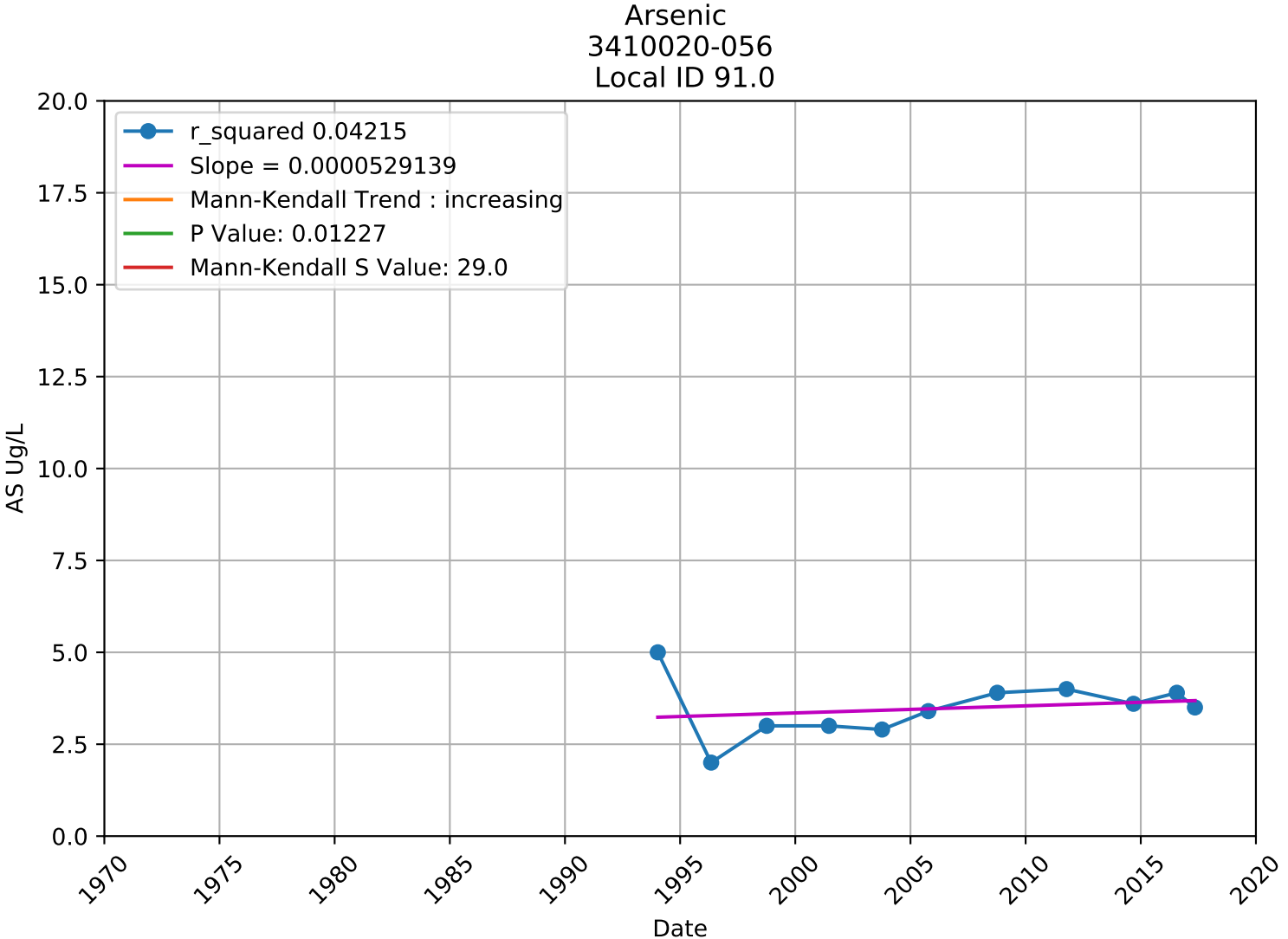

Arsenic
3410020-050
Local ID 157.0
r_squared 0.05166
Slope = -0.0000897548
Mann-Kendall Trend : no trend
P Value: 0.47427
Mann-Kendall S Value: 9.0
AS Ug/L
Date
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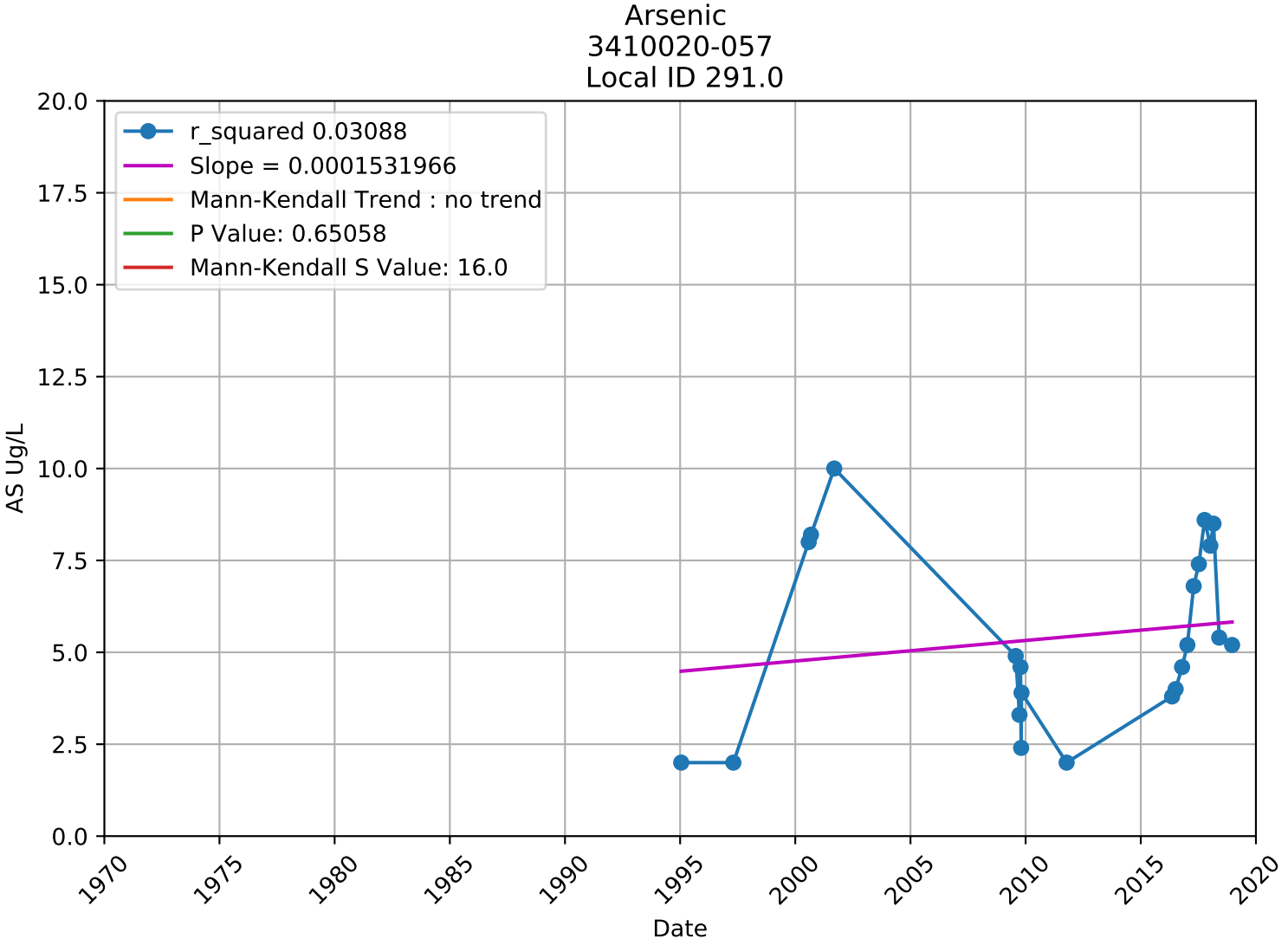

Arsenic
3410020-051
Local ID 42.0
r_squared 0.37067
Slope = -0.0002288704
Mann-Kendall Trend : no trend
P Value: 0.80978
Mann-Kendall S Value: -4.0
AS Ug/L
Date
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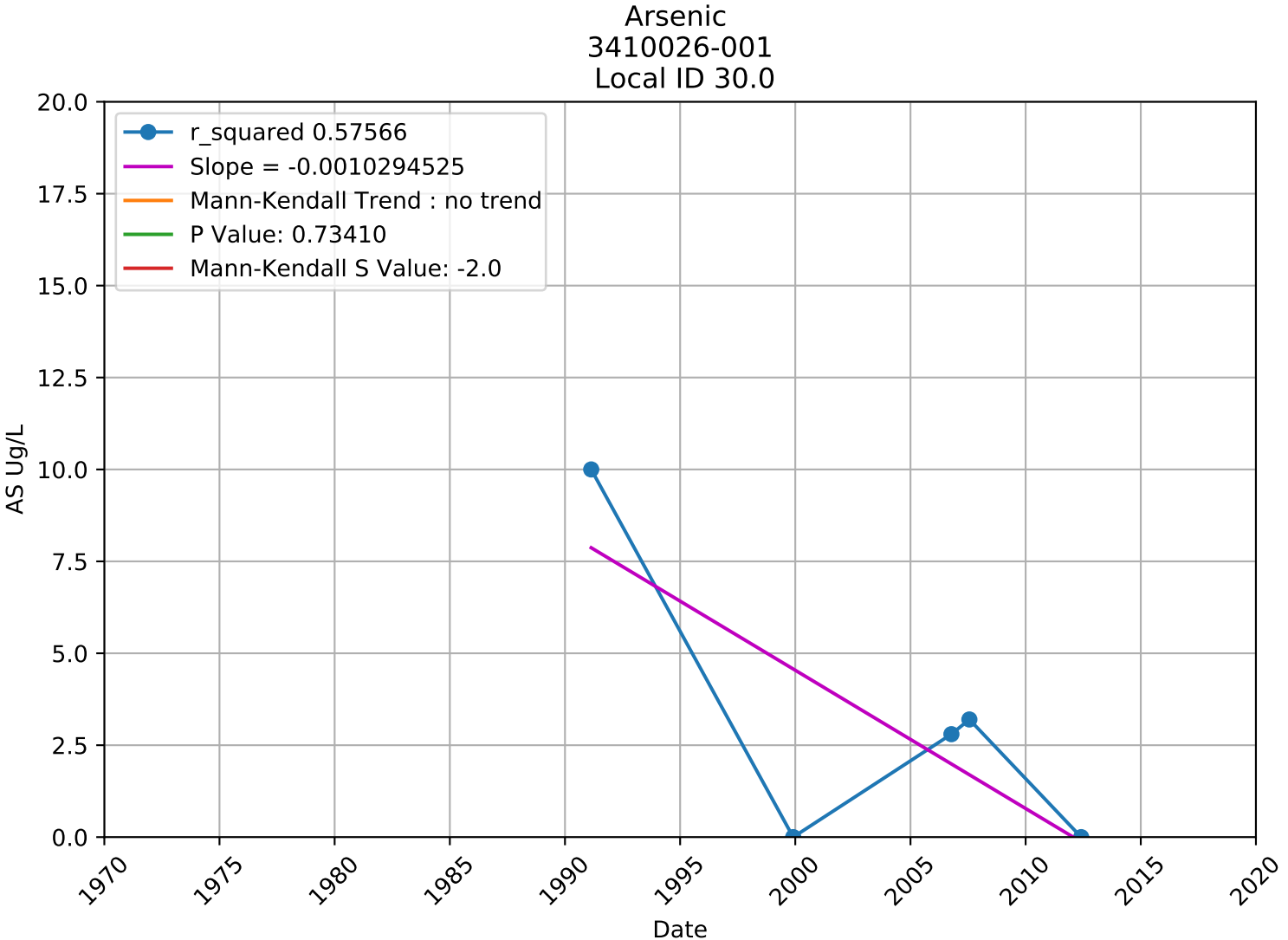

Arsenic
3410020-052
Local ID 296.0
r_squared 0.00125
Slope = 0.0000096523
Mann-Kendall Trend : no trend
P Value: 0.28313
Mann-Kendall S Value: 13.0
AS Ug/L
Date
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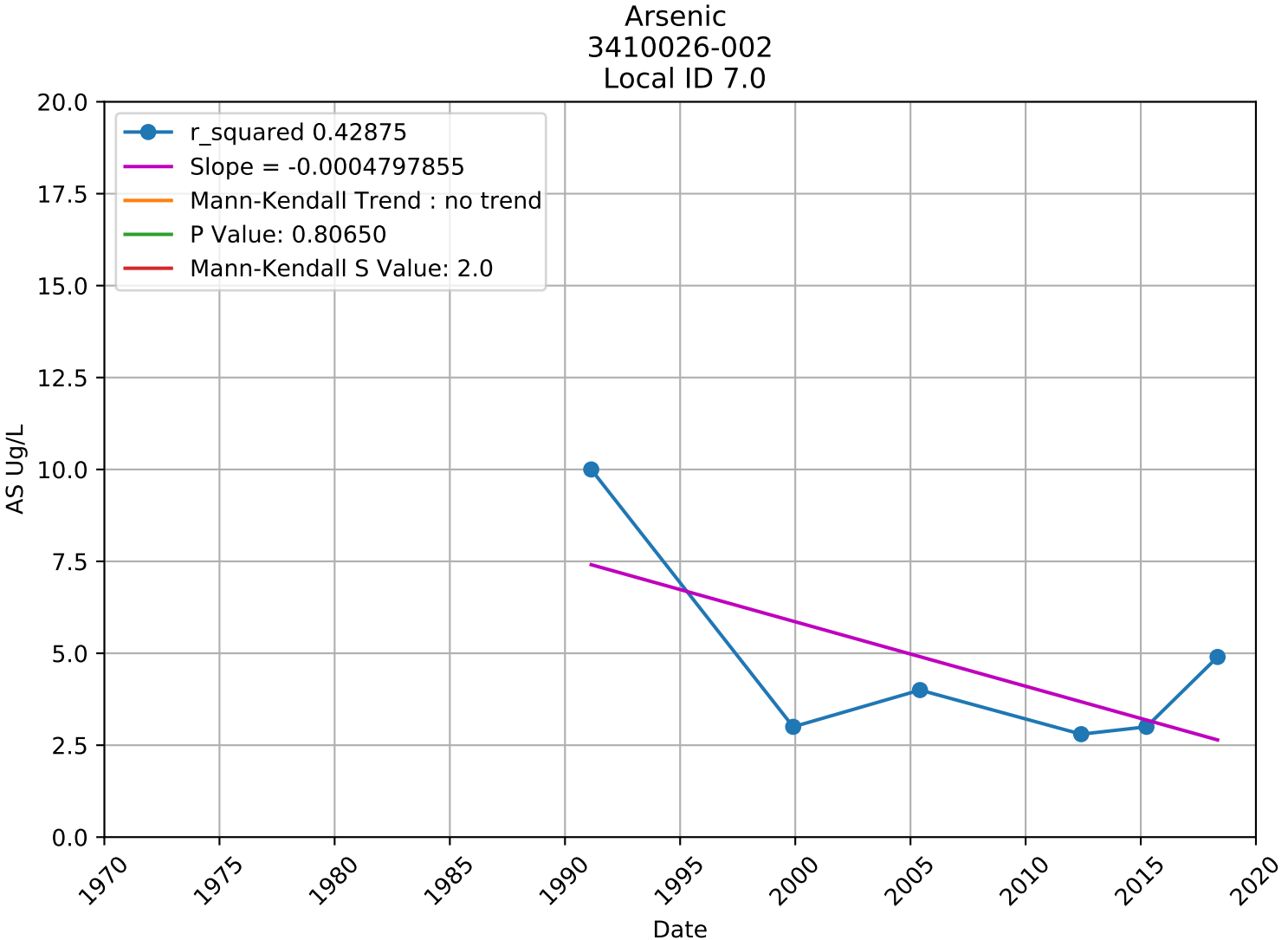

Arsenic
3410020-054
Local ID 214.0
r_squared 0.19502
Slope = -0.0001483591
Mann-Kendall Trend : no trend
P Value: 0.53342
Mann-Kendall S Value: 9.0
AS Ug/L
Date
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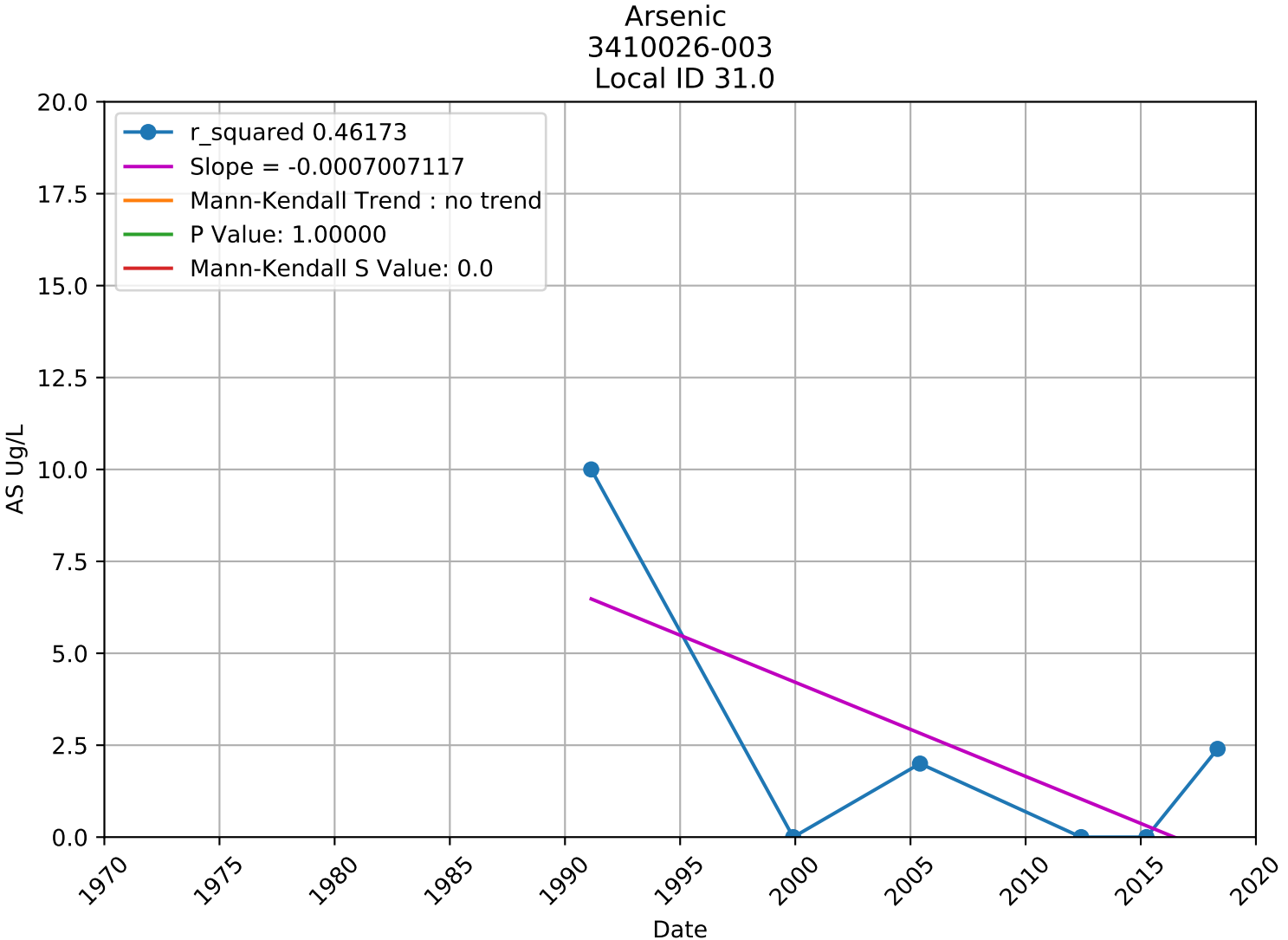

Arsenic
3410020-055
Local ID 33.0
r_squared 0.18835
Slope = -0.0001790429
Mann-Kendall Trend : no trend
P Value: 0.53713
Mann-Kendall S Value: -10.0
AS Ug/L
Date
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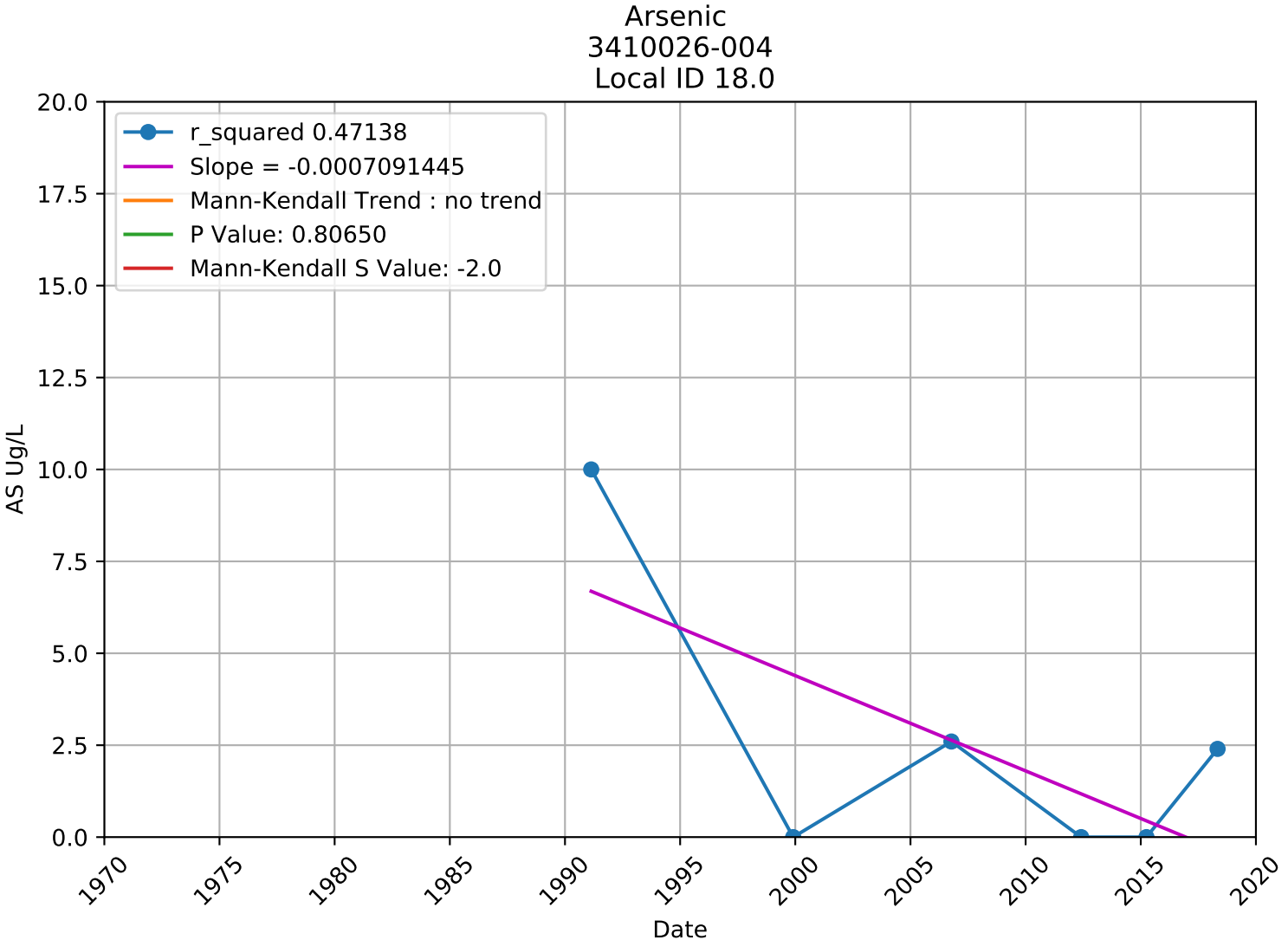

Arsenic
3410020-056
Local ID 91.0
r_squared 0.04215
Slope = 0.0000529139
Mann-Kendall Trend : increasing
P Value: 0.01227
Mann-Kendall S Value: 29.0
AS Ug/L
Date
20.0
17.5
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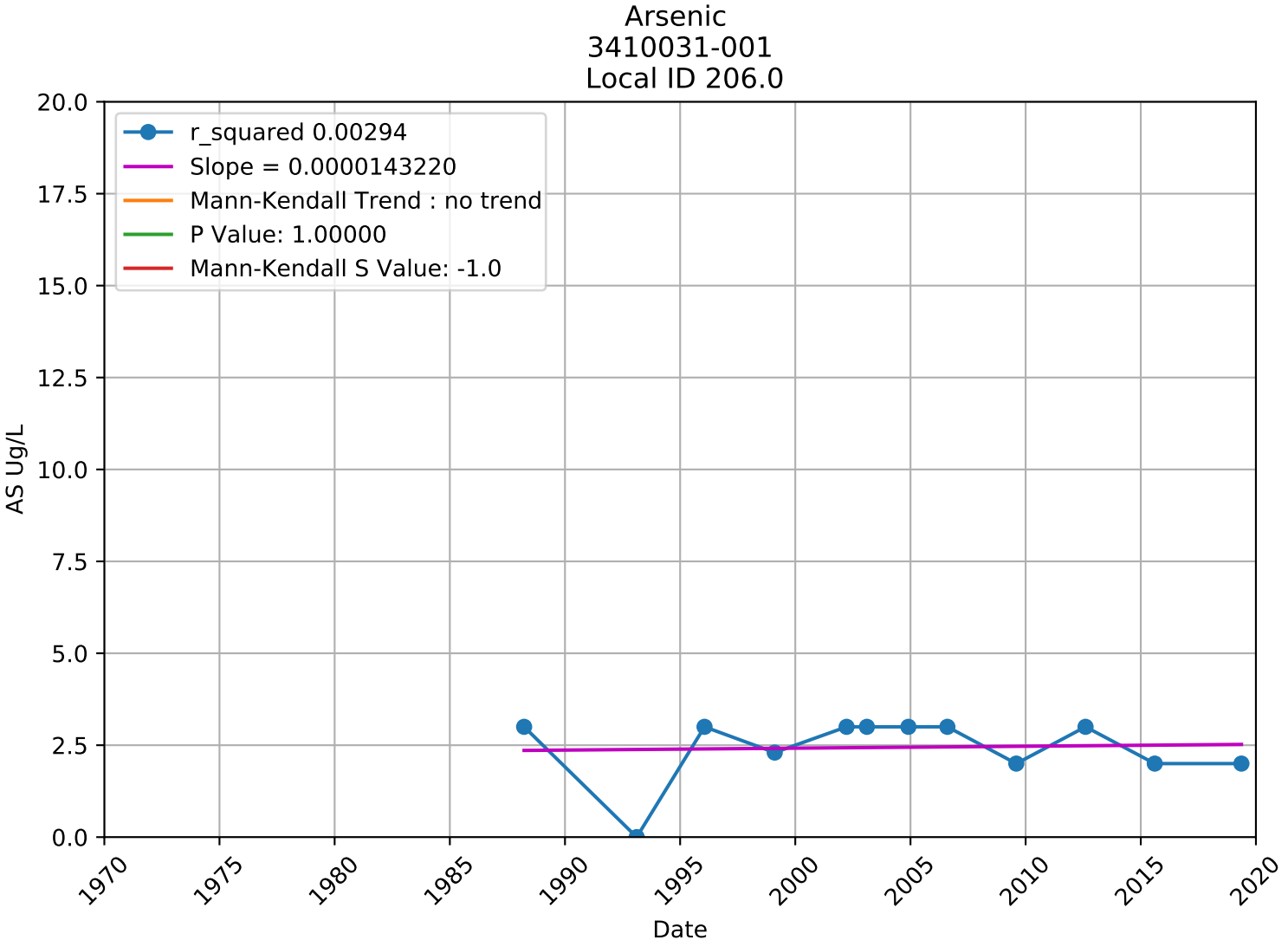

Arsenic
3410020-057
Local ID 291.0
r_squared 0.03088
Slope = 0.0001531966
Mann-Kendall Trend : no trend
P Value: 0.65058
Mann-Kendall S Value: 16.0
AS Ug/L
Date
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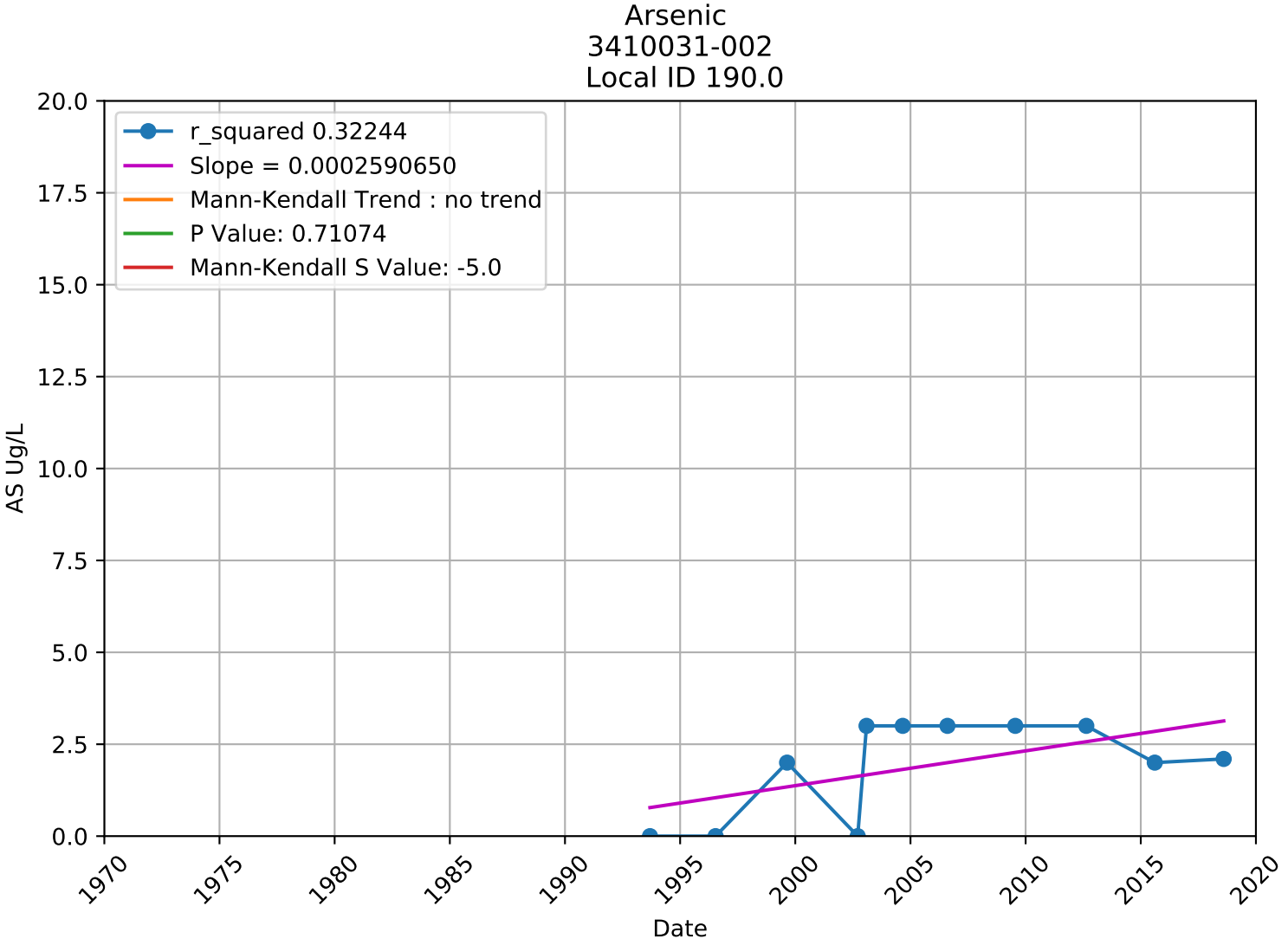

Arsenic
3410026-001
Local ID 30.0
r_squared 0.57566
Slope = -0.0010294525
Mann-Kendall Trend : no trend
P Value: 0.73410
Mann-Kendall S Value: -2.0
AS Ug/L
Date
20.0
17.5
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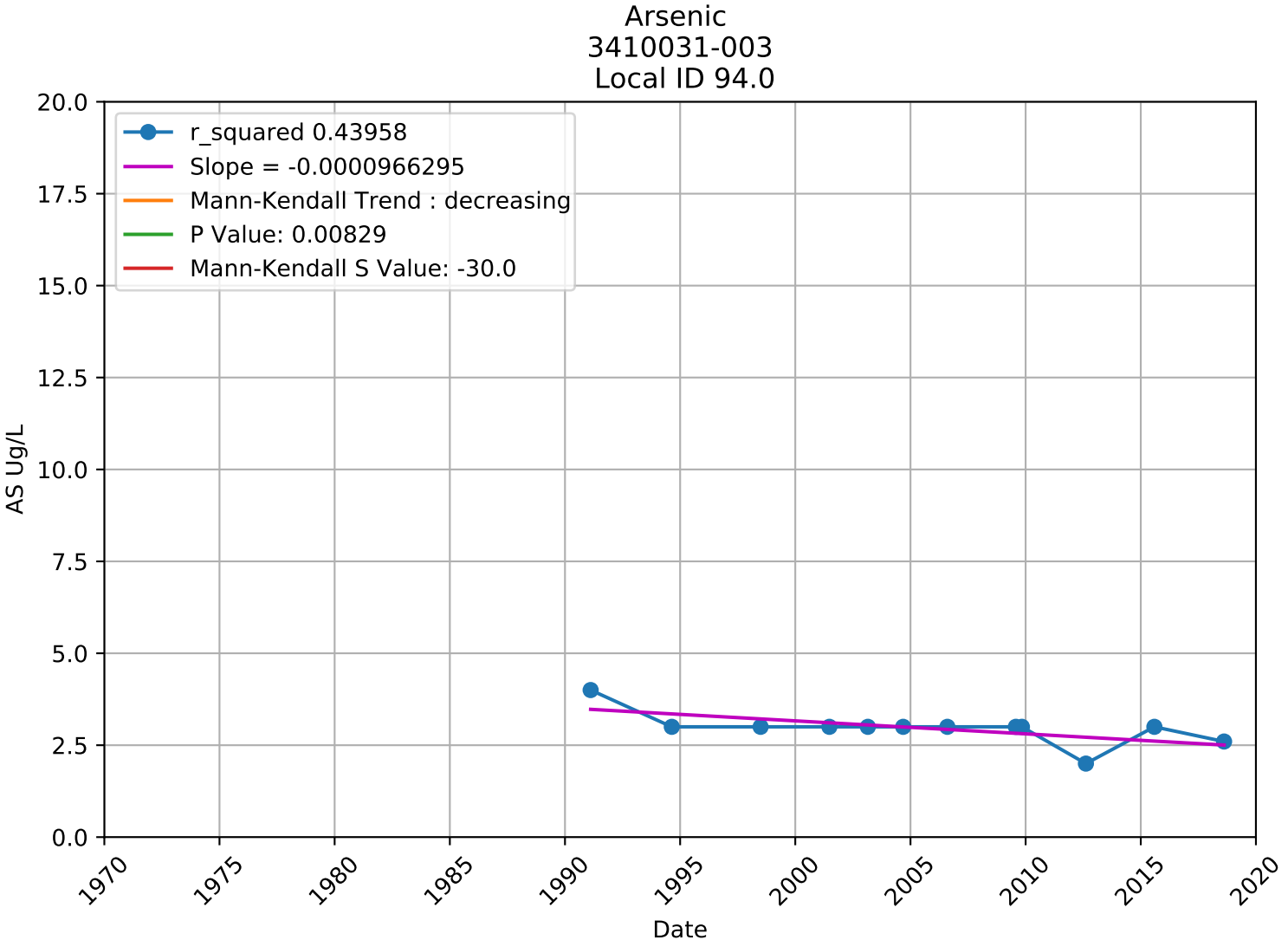

Arsenic
3410026-002
Local ID 7.0
r_squared 0.42875
Slope = -0.0004797855
Mann-Kendall Trend : no trend
P Value: 0.80650
Mann-Kendall S Value: 2.0
AS Ug/L
Date
20.0
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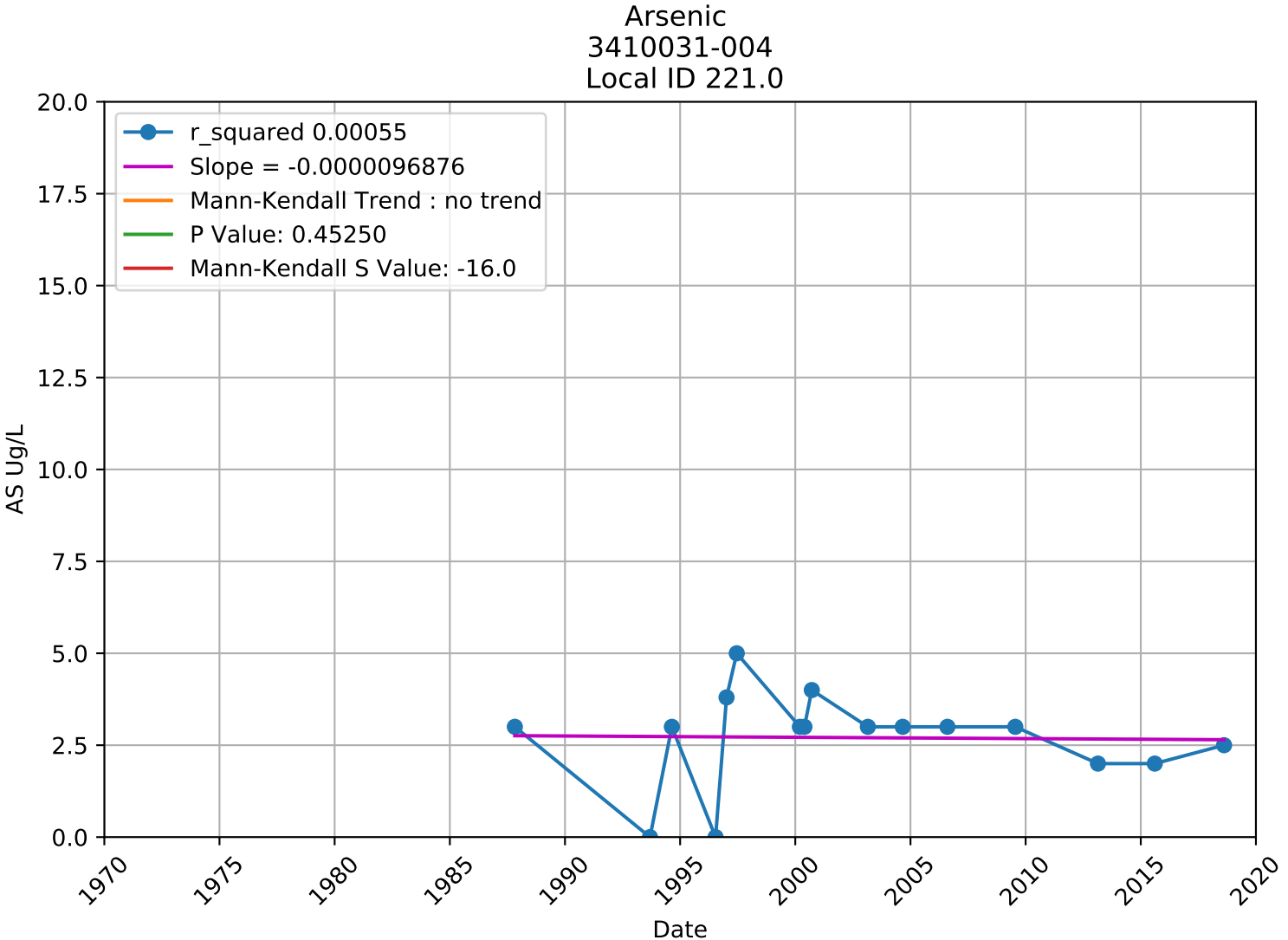

Arsenic
3410026-003
Local ID 31.0
r_squared 0.46173
Slope = -0.0007007117
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
AS Ug/L
Date
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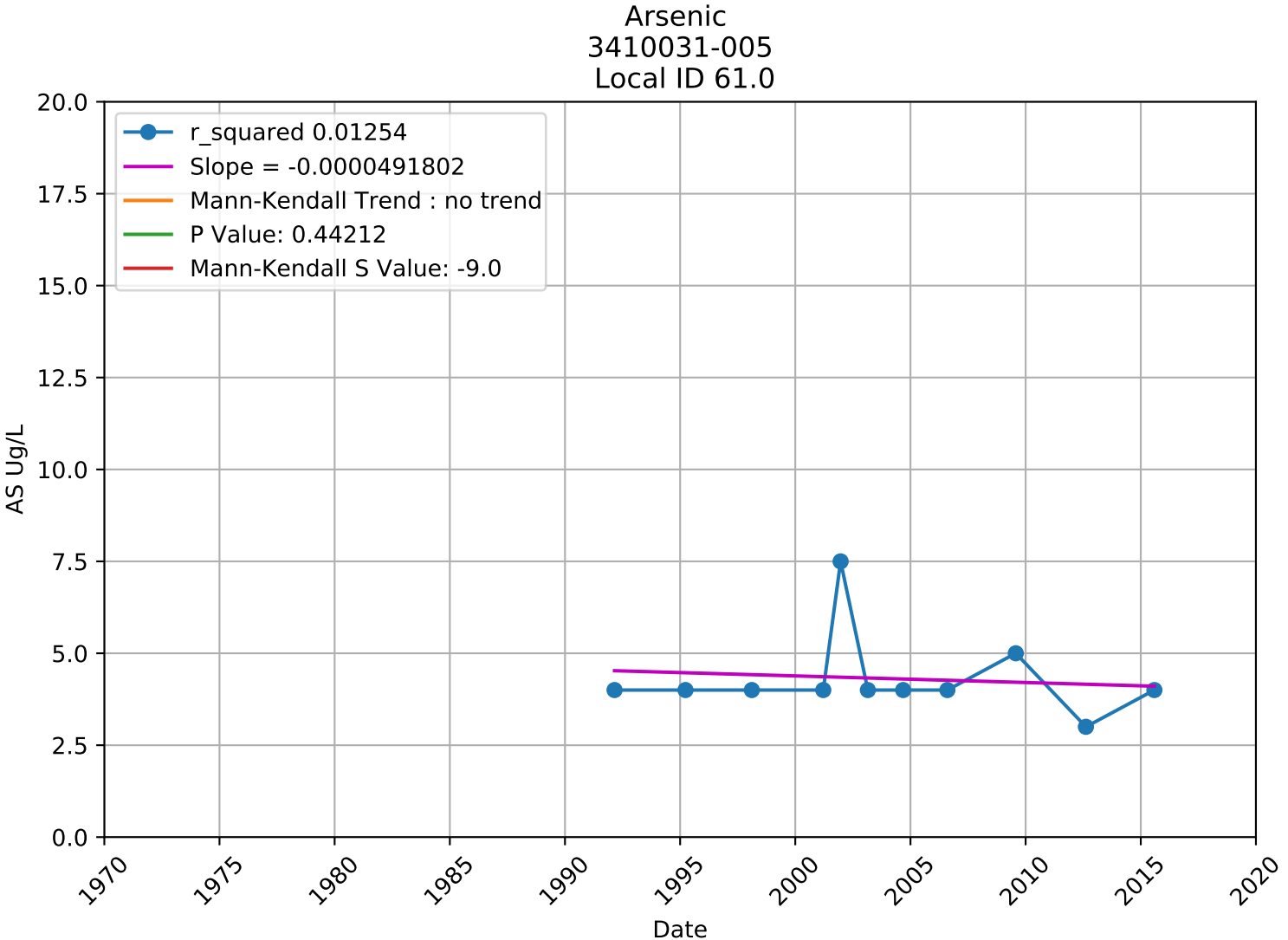

Arsenic
3410026-004
Local ID 18.0
r_squared 0.47138
Slope = -0.0007091445
Mann-Kendall Trend : no trend
P Value: 0.80650
Mann-Kendall S Value: -2.0
AS Ug/L
Date
20.0
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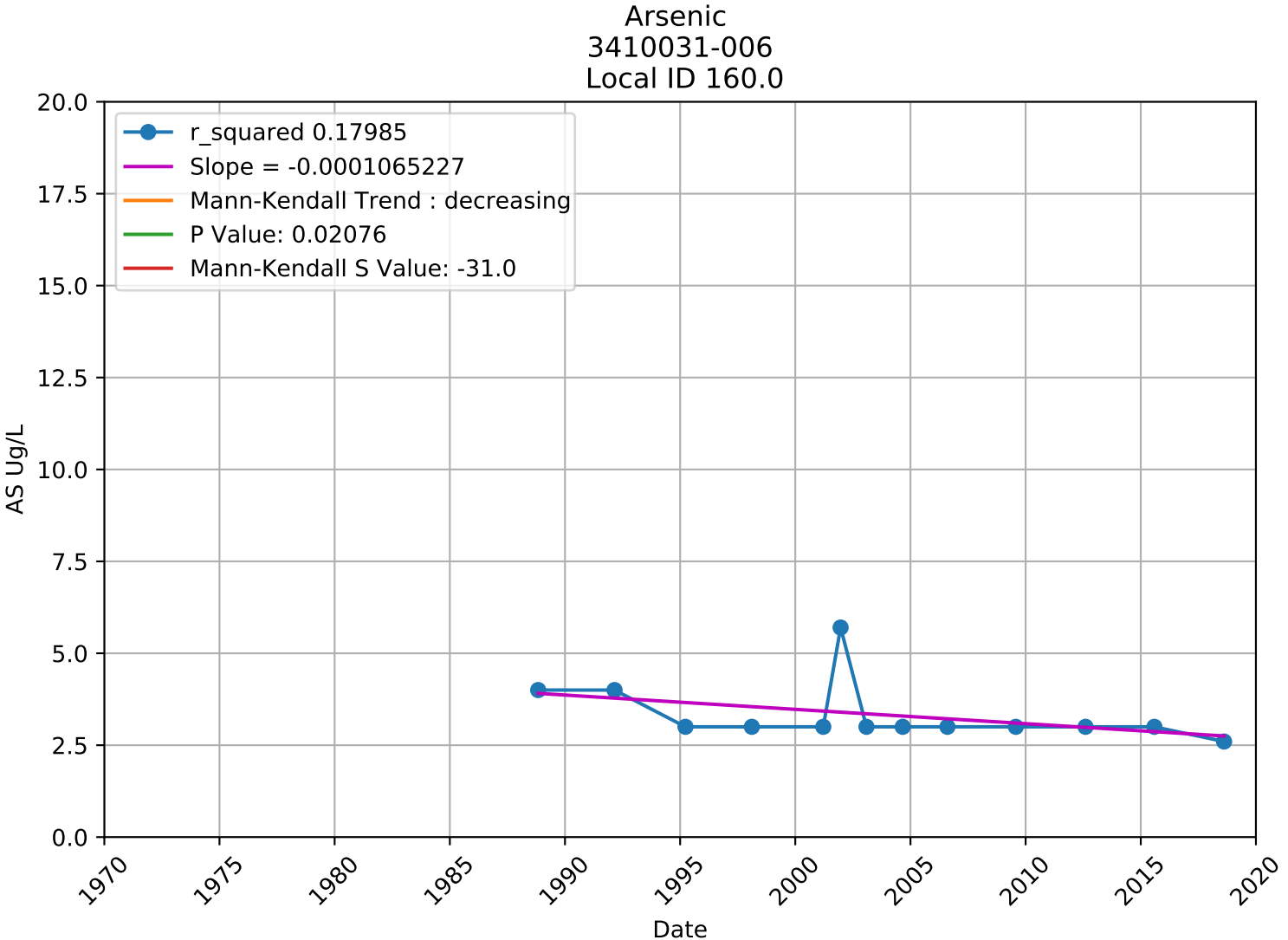

Arsenic
3410031-001
Local ID 206.0
r_squared 0.00294
Slope = 0.0000143220
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
AS Ug/L
Date
20.0
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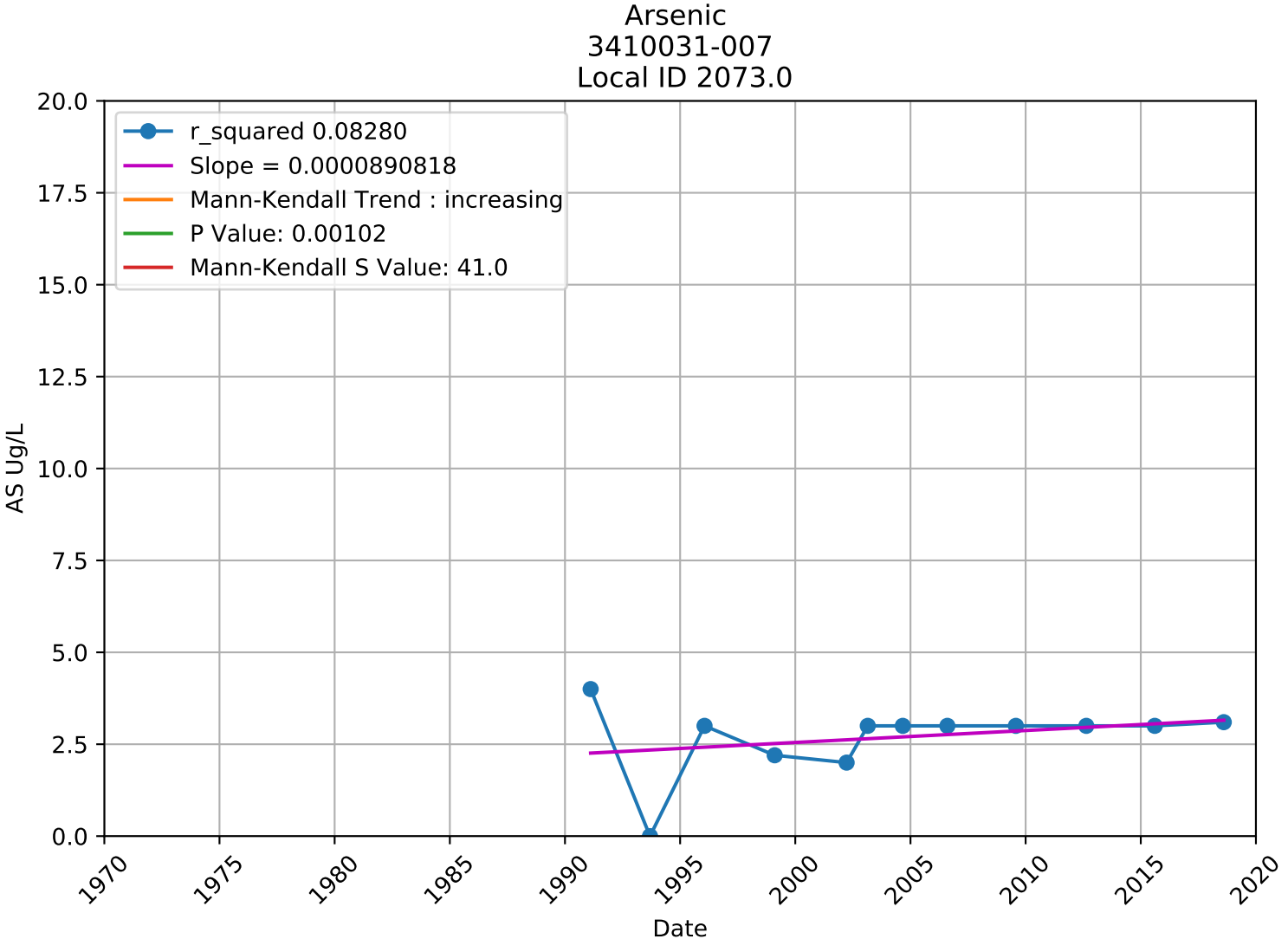

Arsenic
3410031-002
Local ID 190.0
r_squared 0.32244
Slope = 0.0002590650
Mann-Kendall Trend : no trend
P Value: 0.71074
Mann-Kendall S Value: -5.0
AS Ug/L
Date
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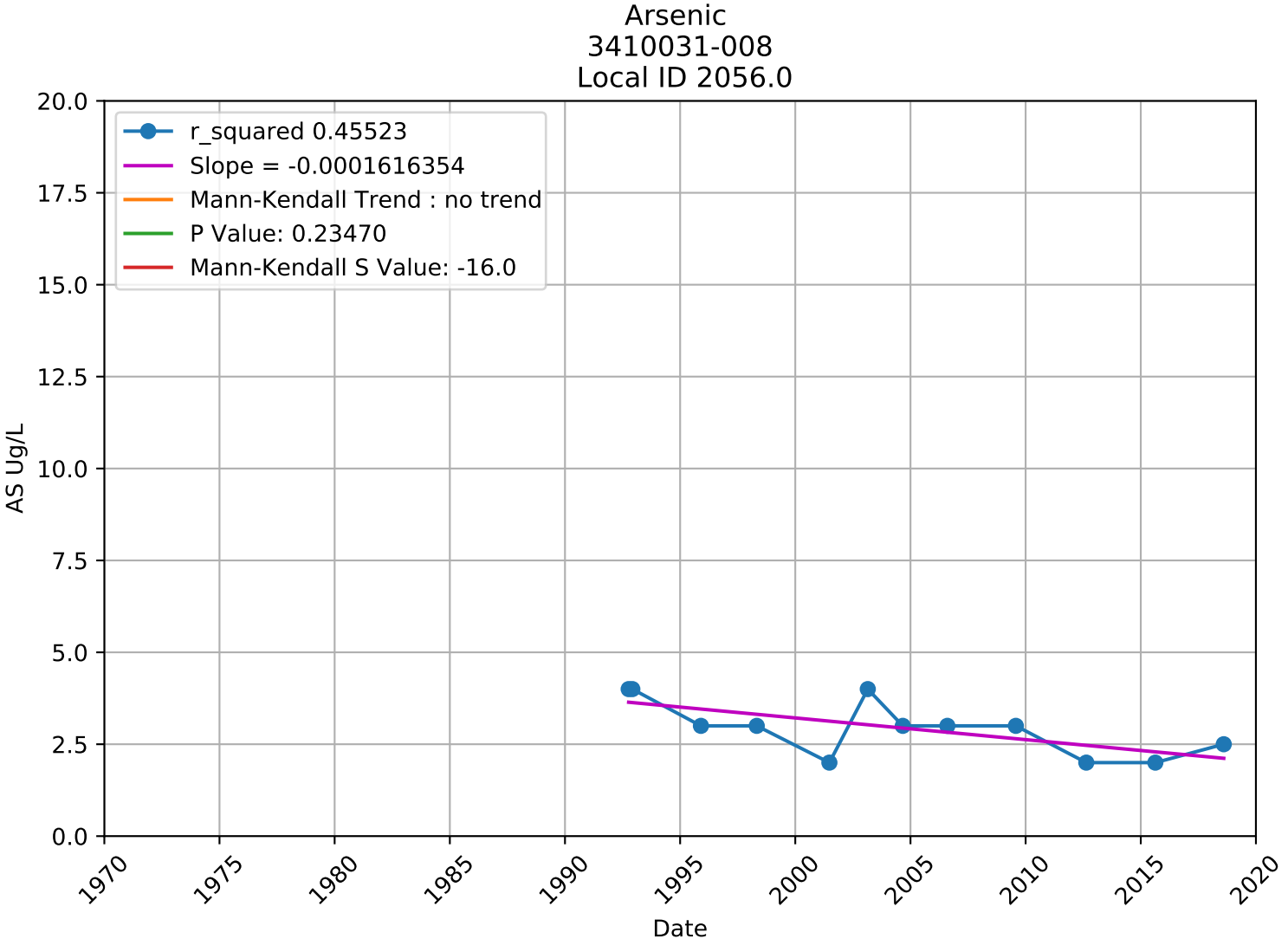

Arsenic
3410031-003
Local ID 94.0
r_squared 0.43958
Slope = -0.0000966295
Mann-Kendall Trend : decreasing
P Value: 0.00829
Mann-Kendall S Value: -30.0
AS Ug/L
Date
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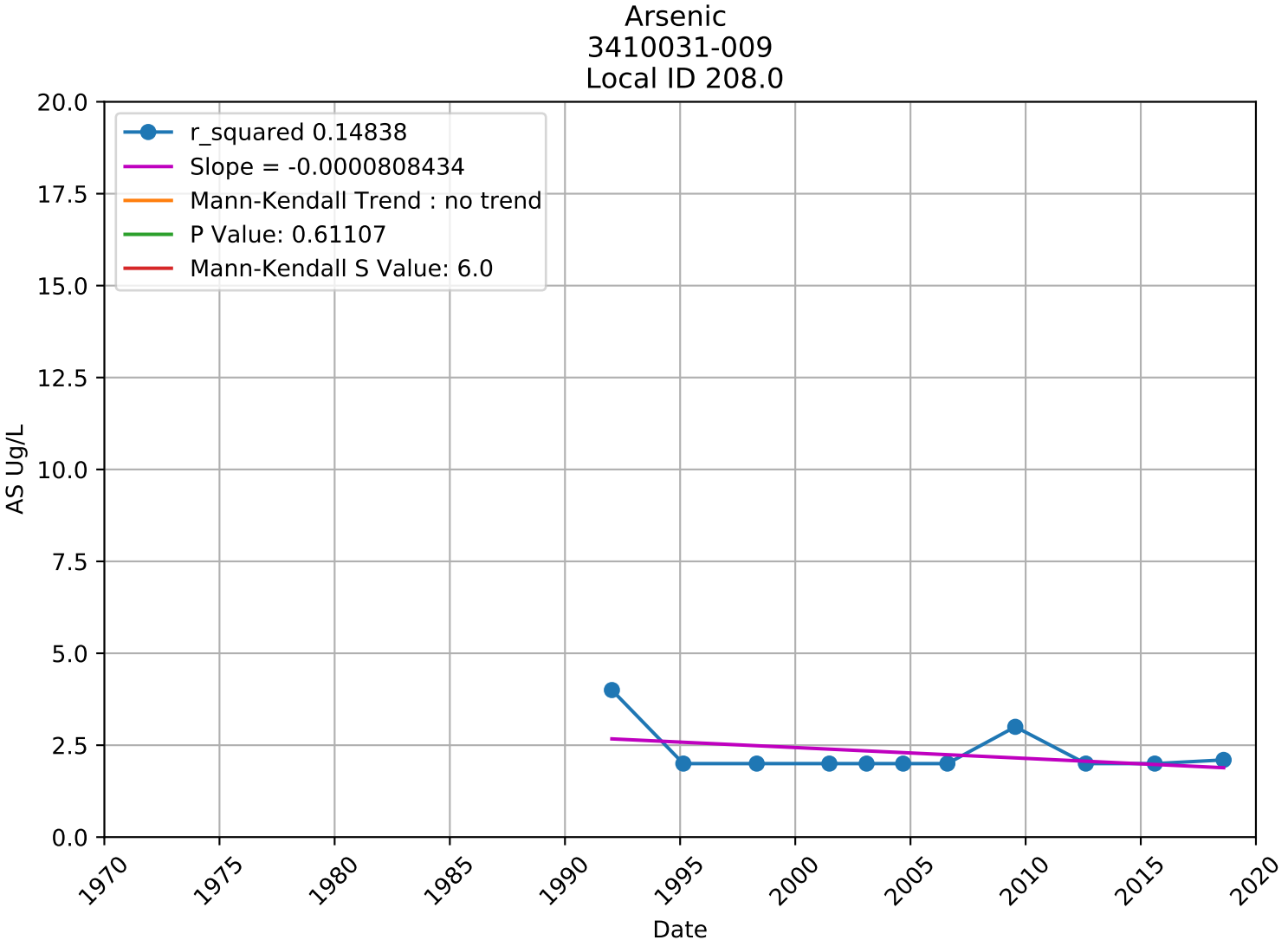

Arsenic
3410031-004
Local ID 221.0
r_squared 0.00055
Slope = -0.0000096876
Mann-Kendall Trend : no trend
P Value: 0.45250
Mann-Kendall S Value: -16.0
AS Ug/L
Date
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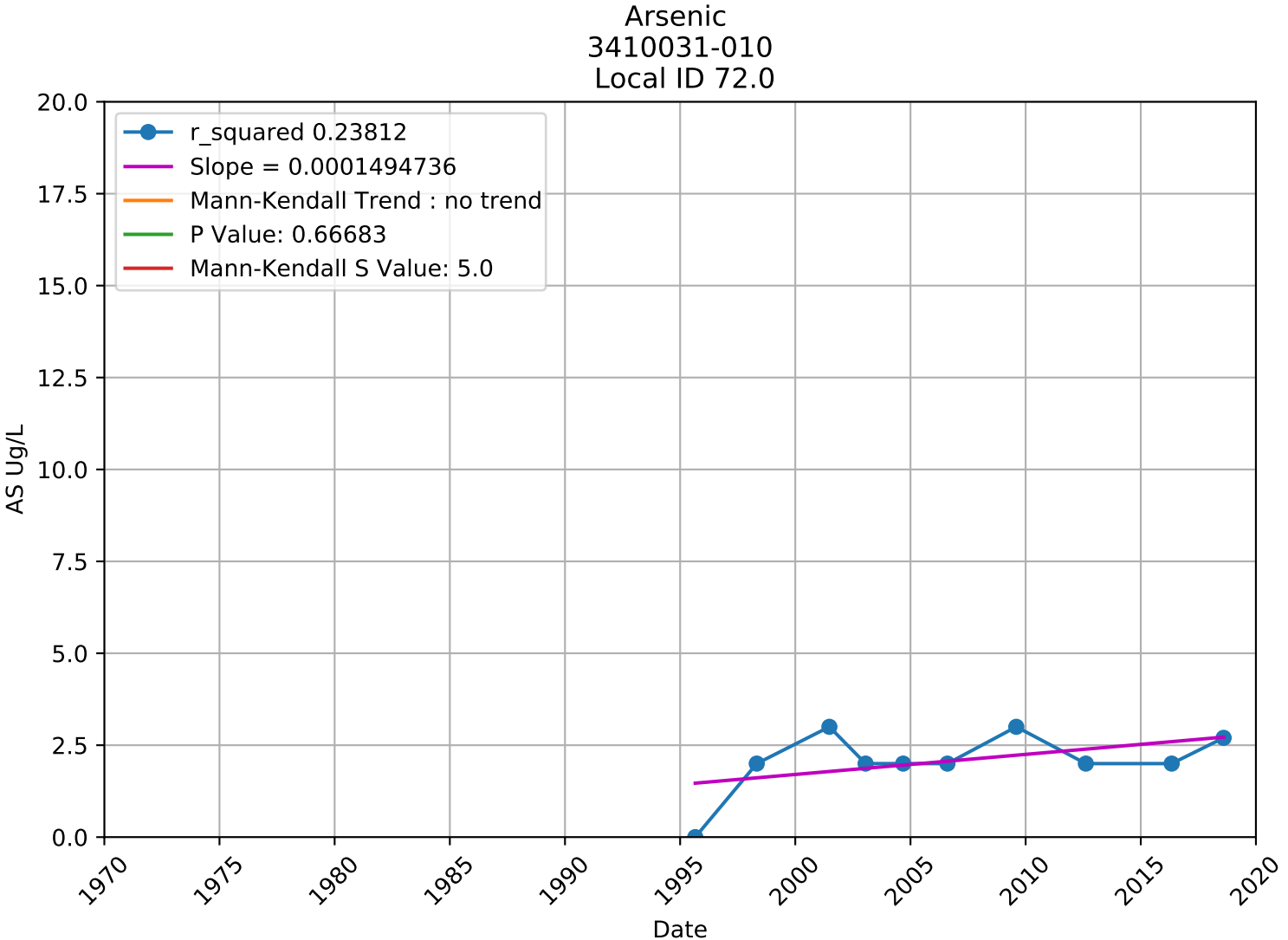

Arsenic
3410031-005
Local ID 61.0
r_squared 0.01254
Slope = -0.0000491802
Mann-Kendall Trend : no trend
P Value: 0.44212
Mann-Kendall S Value: -9.0
AS Ug/L
Date
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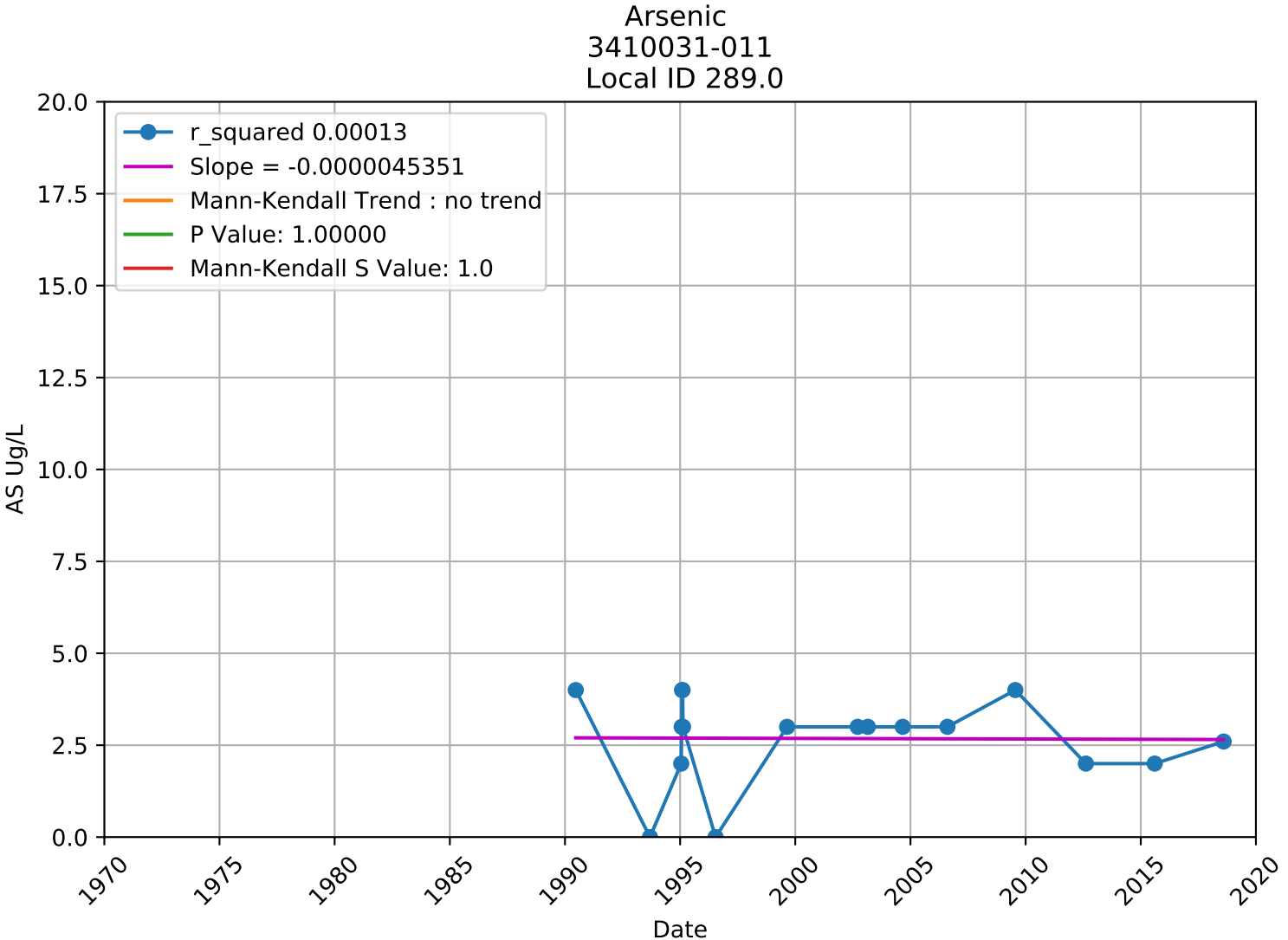

Arsenic
3410031-006
Local ID 160.0
r_squared 0.17985
Slope = -0.0001065227
Mann-Kendall Trend : decreasing
P Value: 0.02076
Mann-Kendall S Value: -31.0
AS Ug/L
Date
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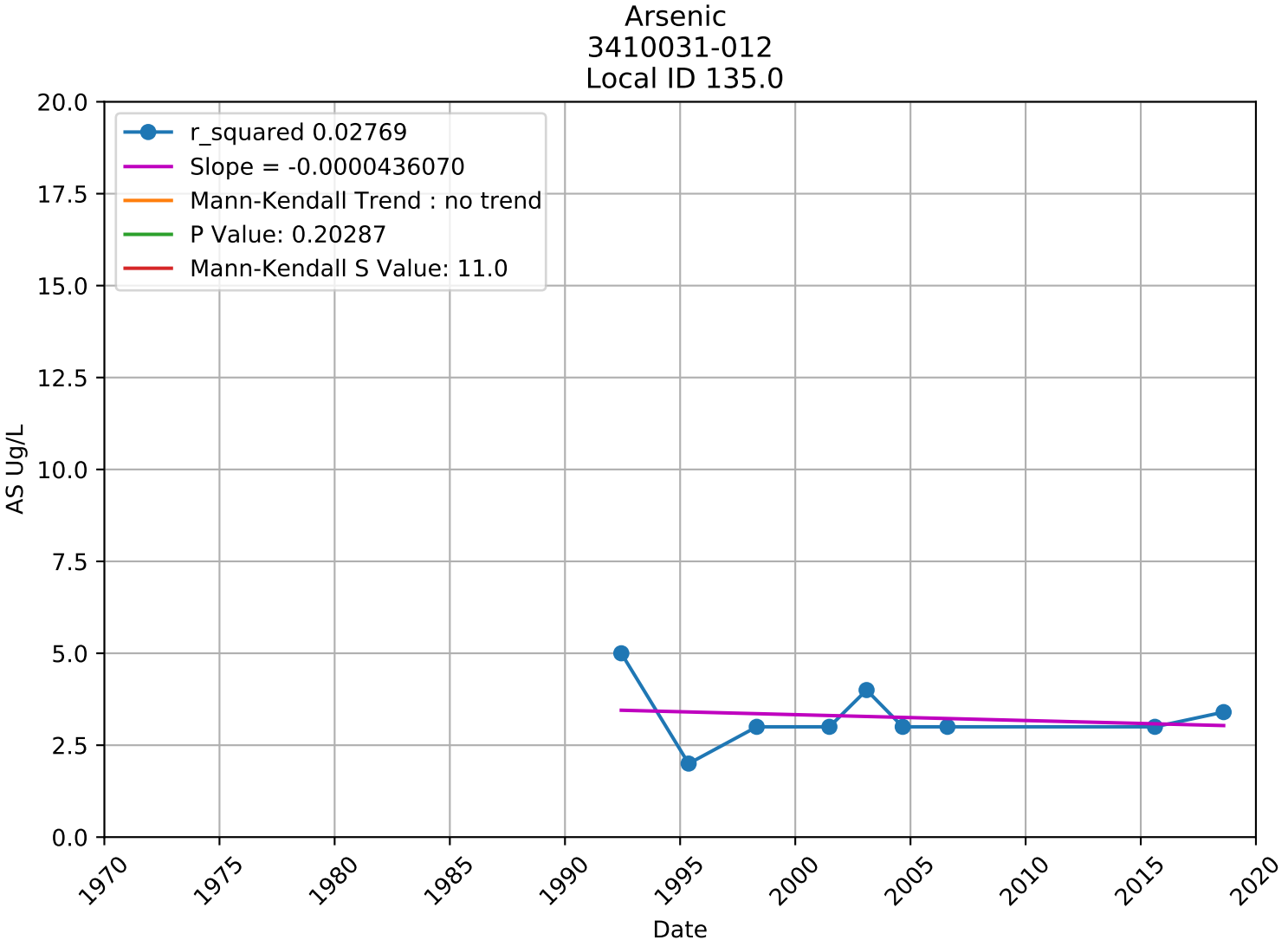

Arsenic
3410031-007
Local ID 2073.0
r_squared 0.08280
Slope = 0.0000890818
Mann-Kendall Trend : increasing
P Value: 0.00102
Mann-Kendall S Value: 41.0
AS Ug/L
Date
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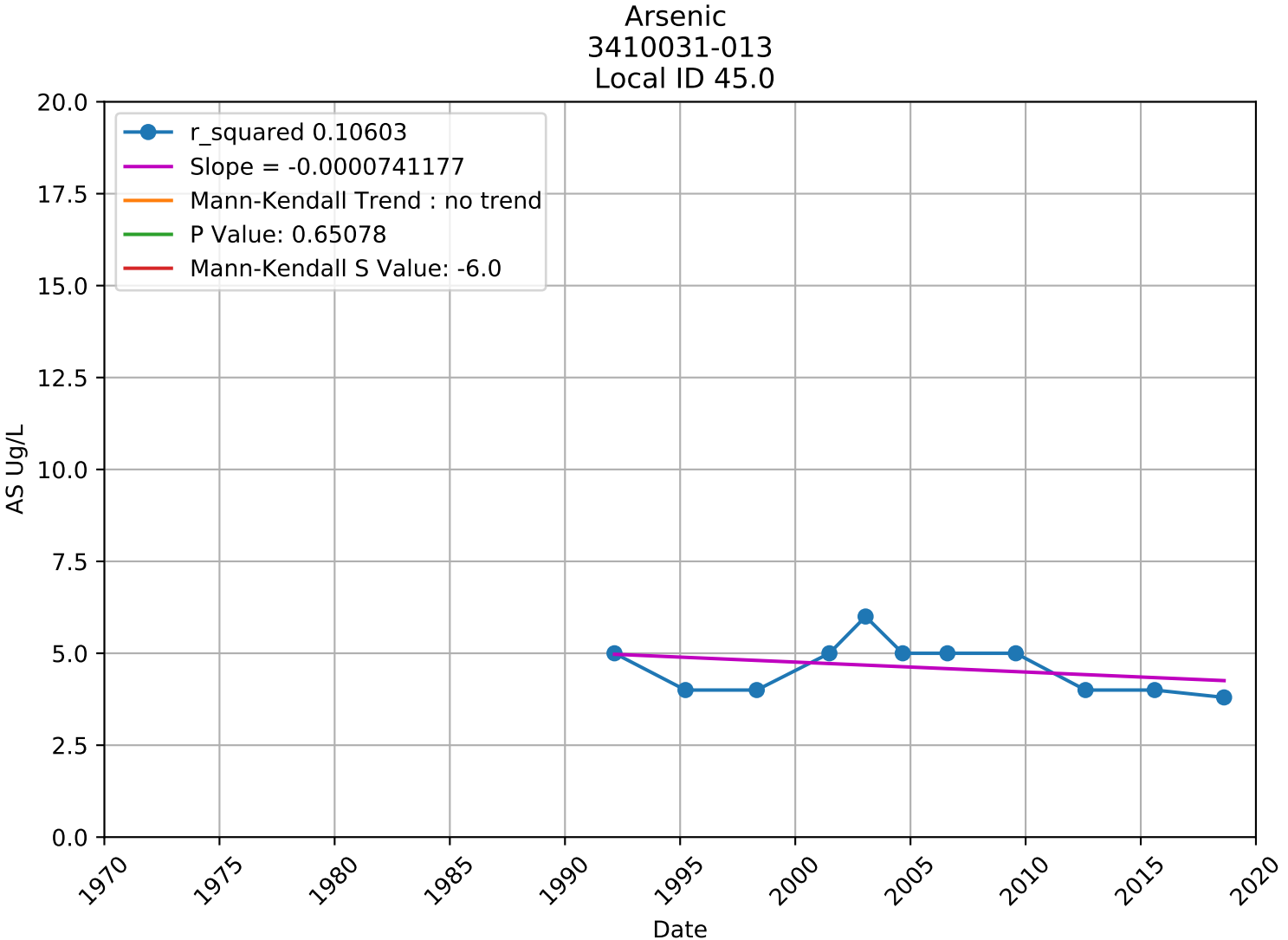

Arsenic
3410031-008
Local ID 2056.0
r_squared 0.45523
Slope = -0.0001616354
Mann-Kendall Trend : no trend
P Value: 0.23470
Mann-Kendall S Value: -16.0
AS Ug/L
Date
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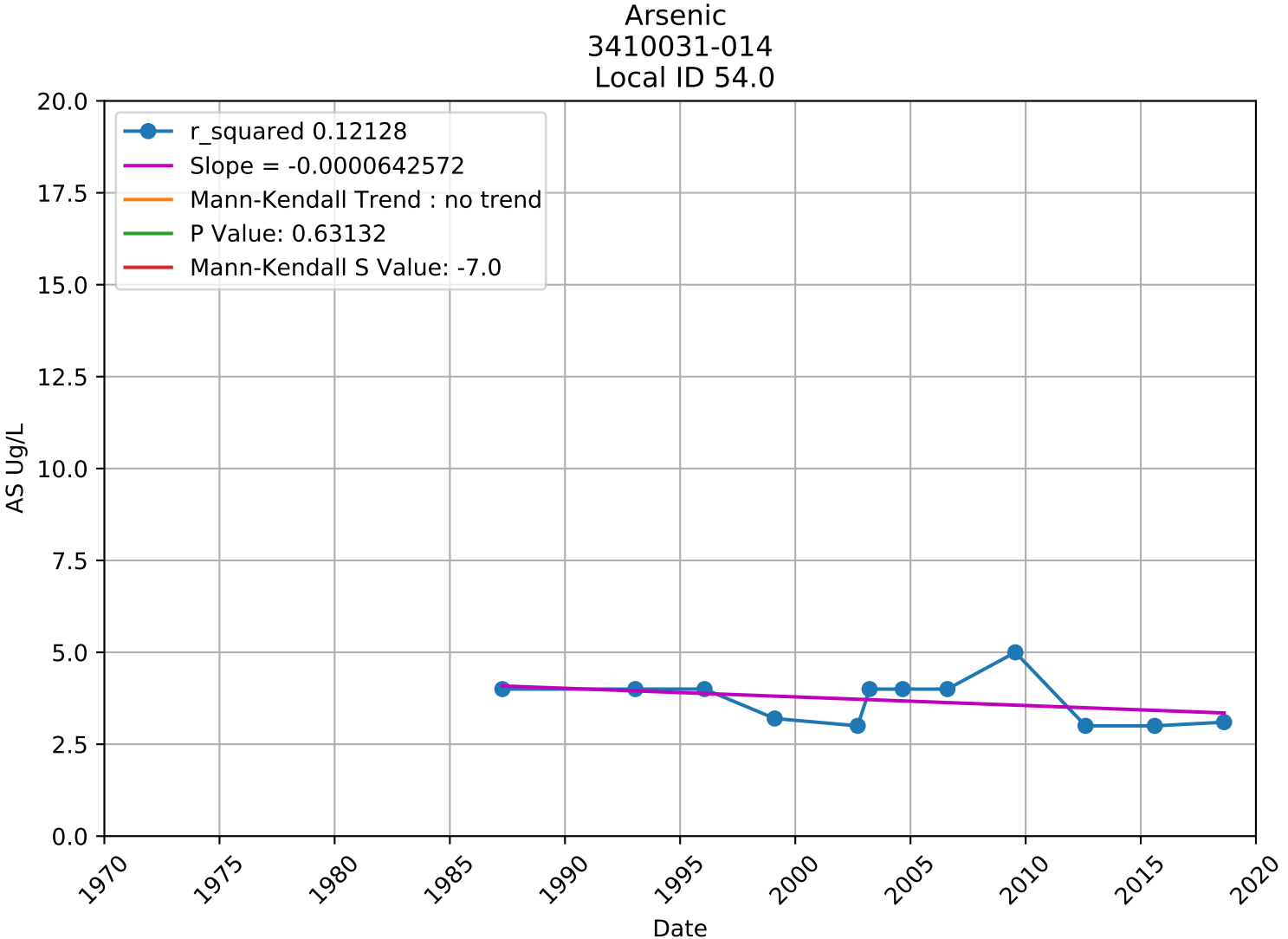

Arsenic
3410031-009
Local ID 208.0
r_squared 0.14838
Slope = -0.0000808434
Mann-Kendall Trend : no trend
P Value: 0.61107
Mann-Kendall S Value: 6.0
AS Ug/L
Date
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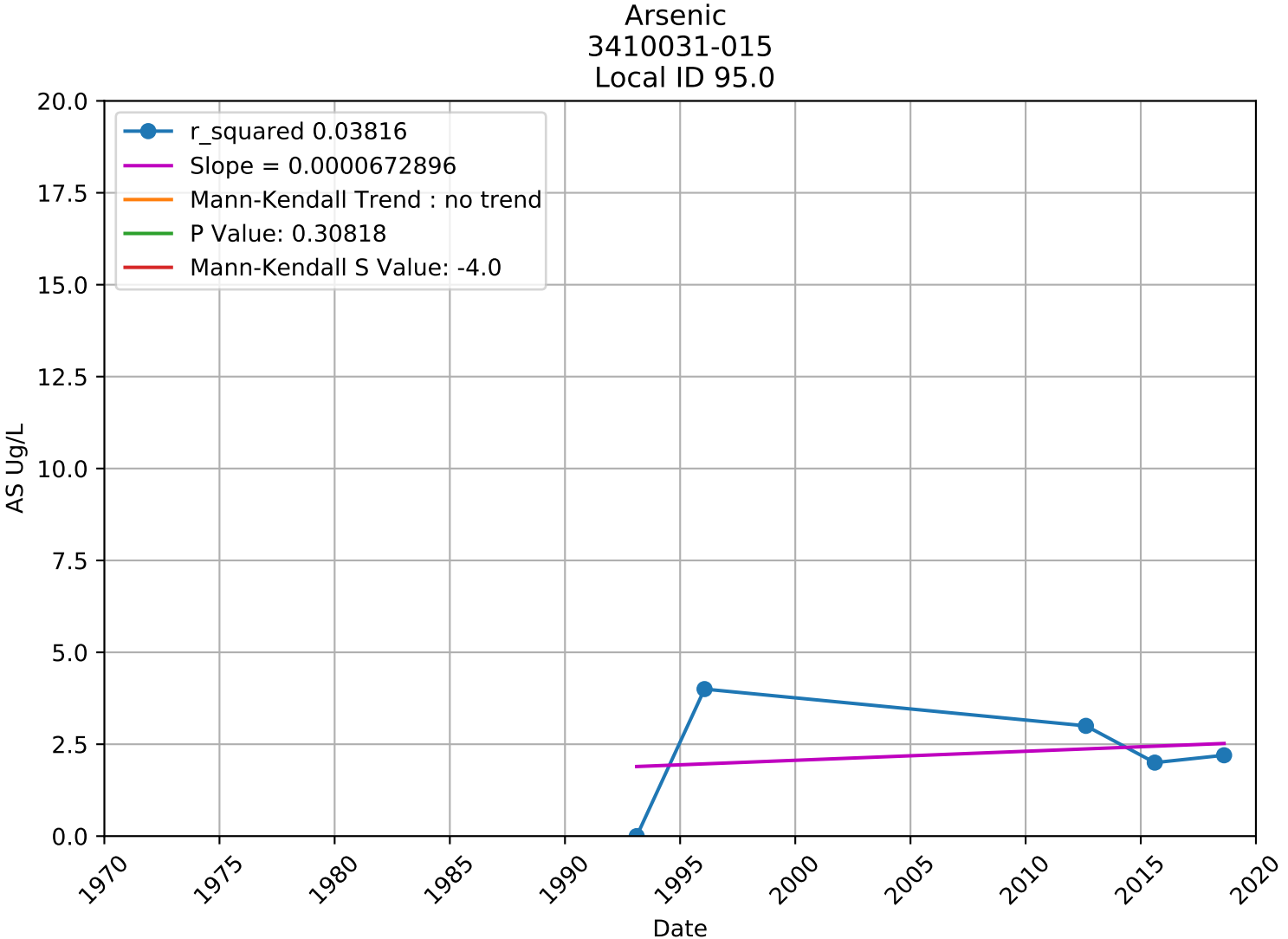

Arsenic
3410031-010
Local ID 72.0
r_squared 0.23812
Slope = 0.0001494736
Mann-Kendall Trend : no trend
P Value: 0.66683
Mann-Kendall S Value: 5.0
AS Ug/L
Date
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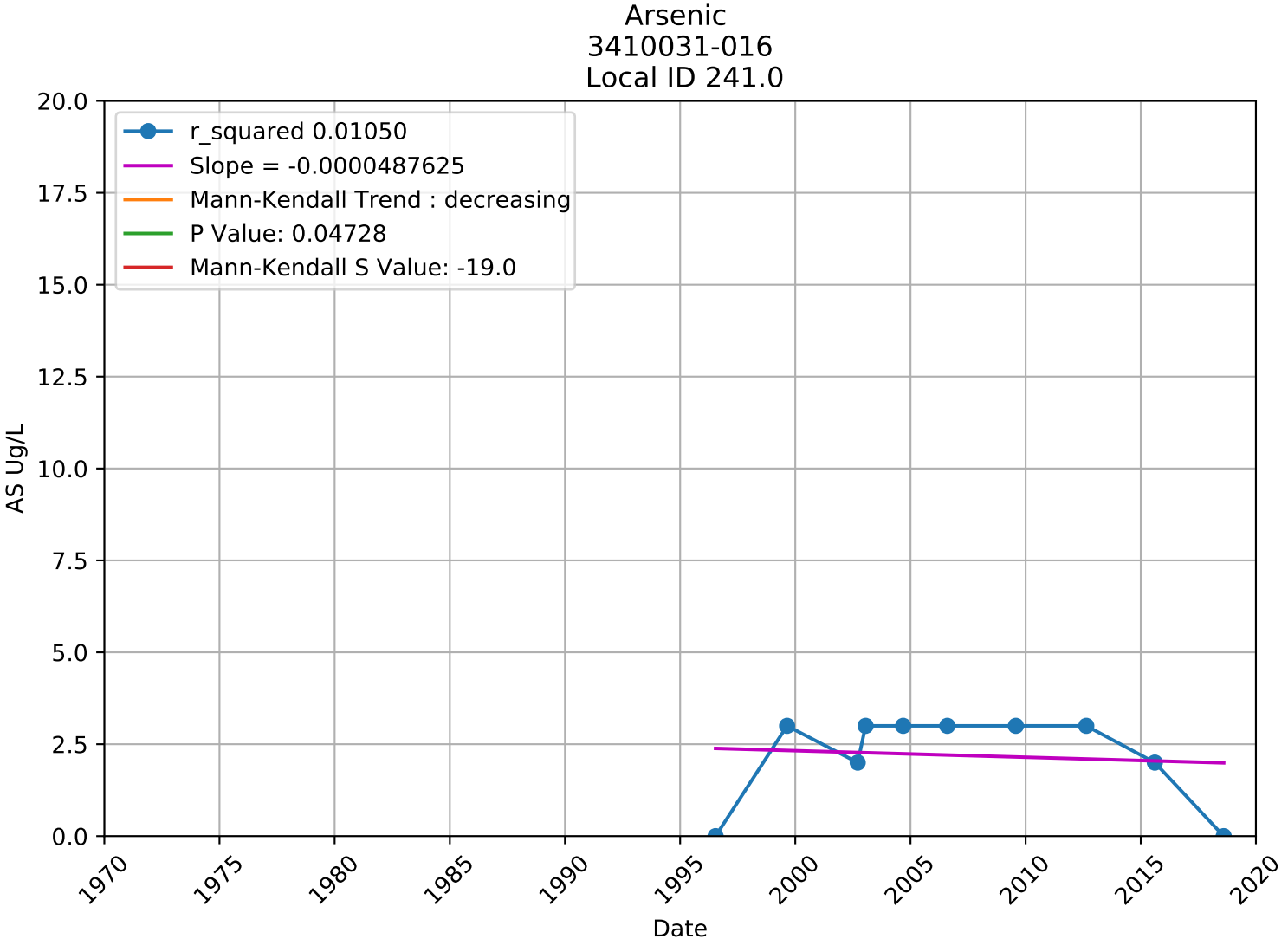

Arsenic
3410031-011
Local ID 289.0
r_squared 0.00013
Slope = -0.0000045351
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
AS Ug/L
Date
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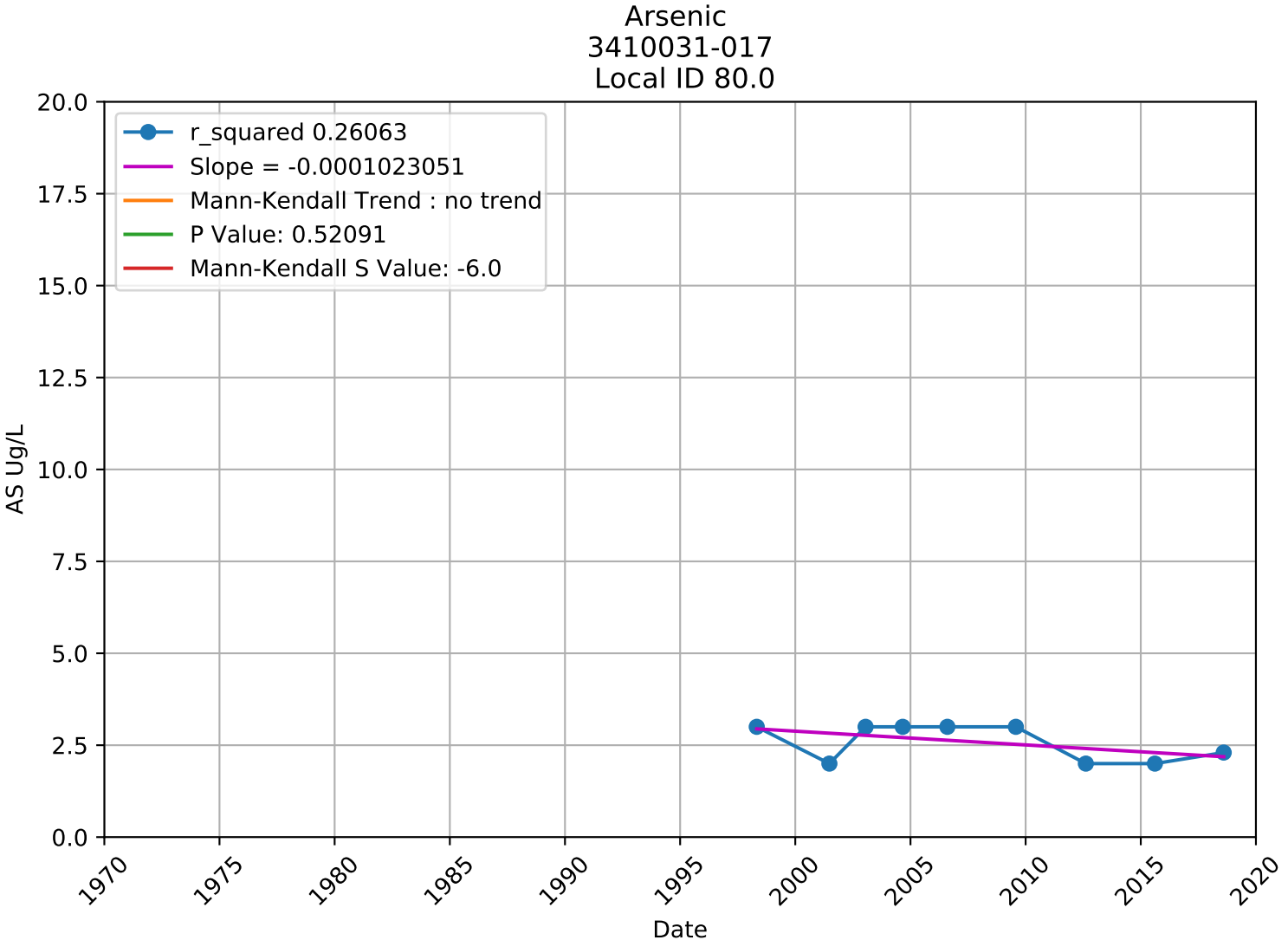

Arsenic
3410031-012
Local ID 135.0
r_squared 0.02769
Slope = -0.0000436070
Mann-Kendall Trend : no trend
P Value: 0.20287
Mann-Kendall S Value: 11.0
AS Ug/L
Date
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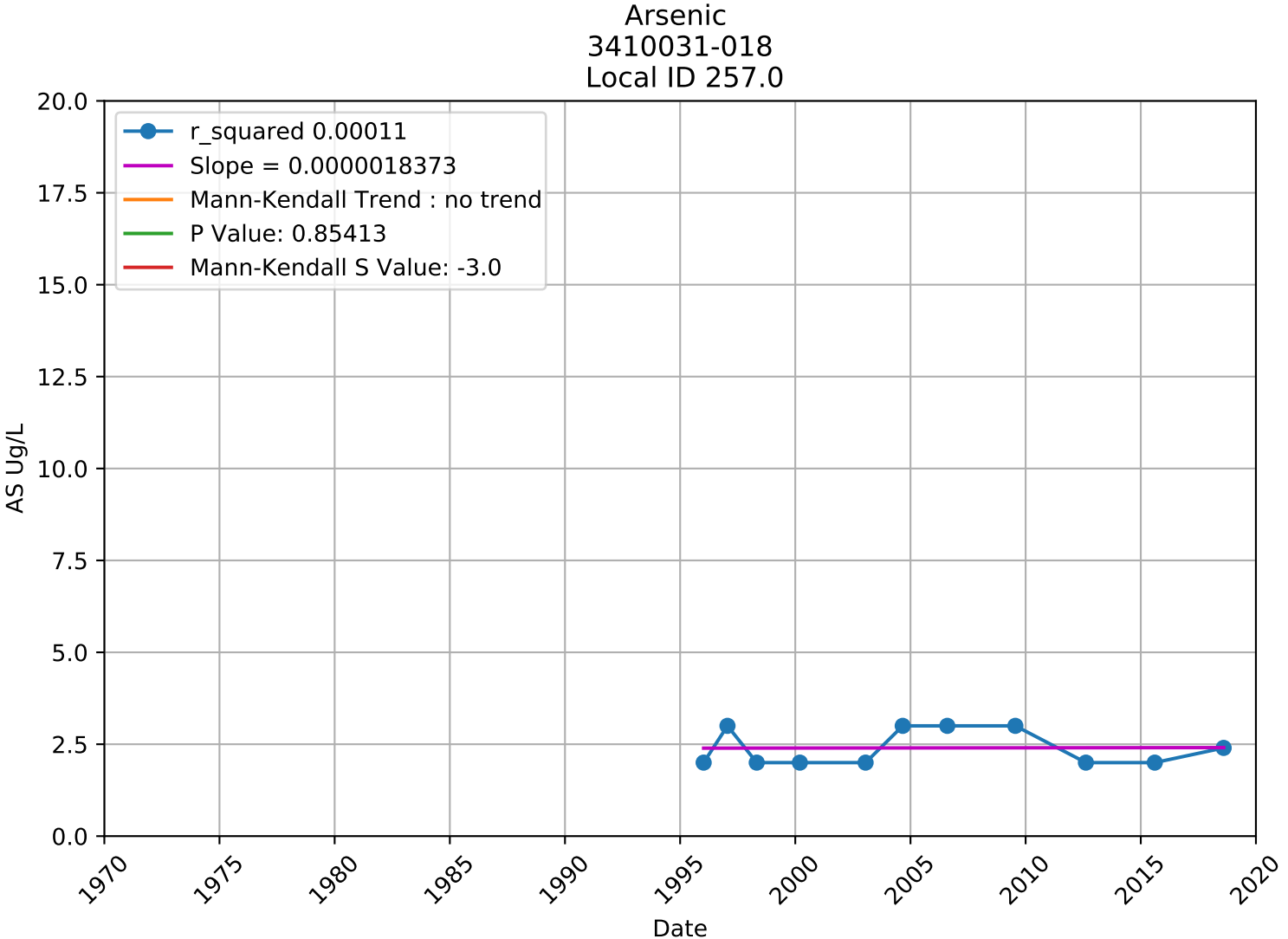

Arsenic
3410031-013
Local ID 45.0
r_squared 0.10603
Slope = -0.0000741177
Mann-Kendall Trend : no trend
P Value: 0.65078
Mann-Kendall S Value: -6.0
AS Ug/L
Date
20.0
17.5
15.0
12.5
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7.5
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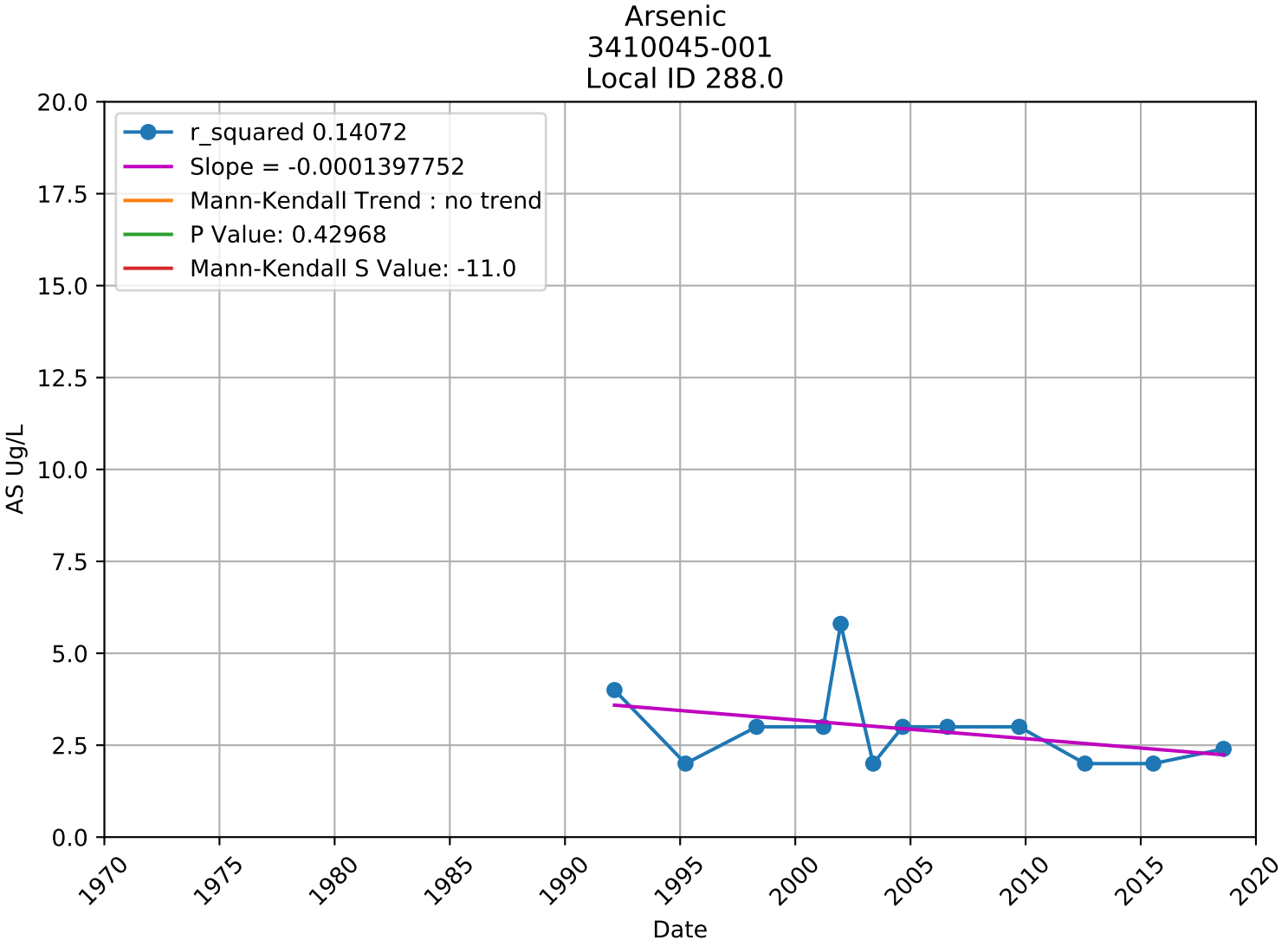

Arsenic
3410031-014
Local ID 54.0
r_squared 0.12128
Slope = -0.0000642572
Mann-Kendall Trend : no trend
P Value: 0.63132
Mann-Kendall S Value: -7.0
AS Ug/L
Date
20.0
17.5
15.0
12.5
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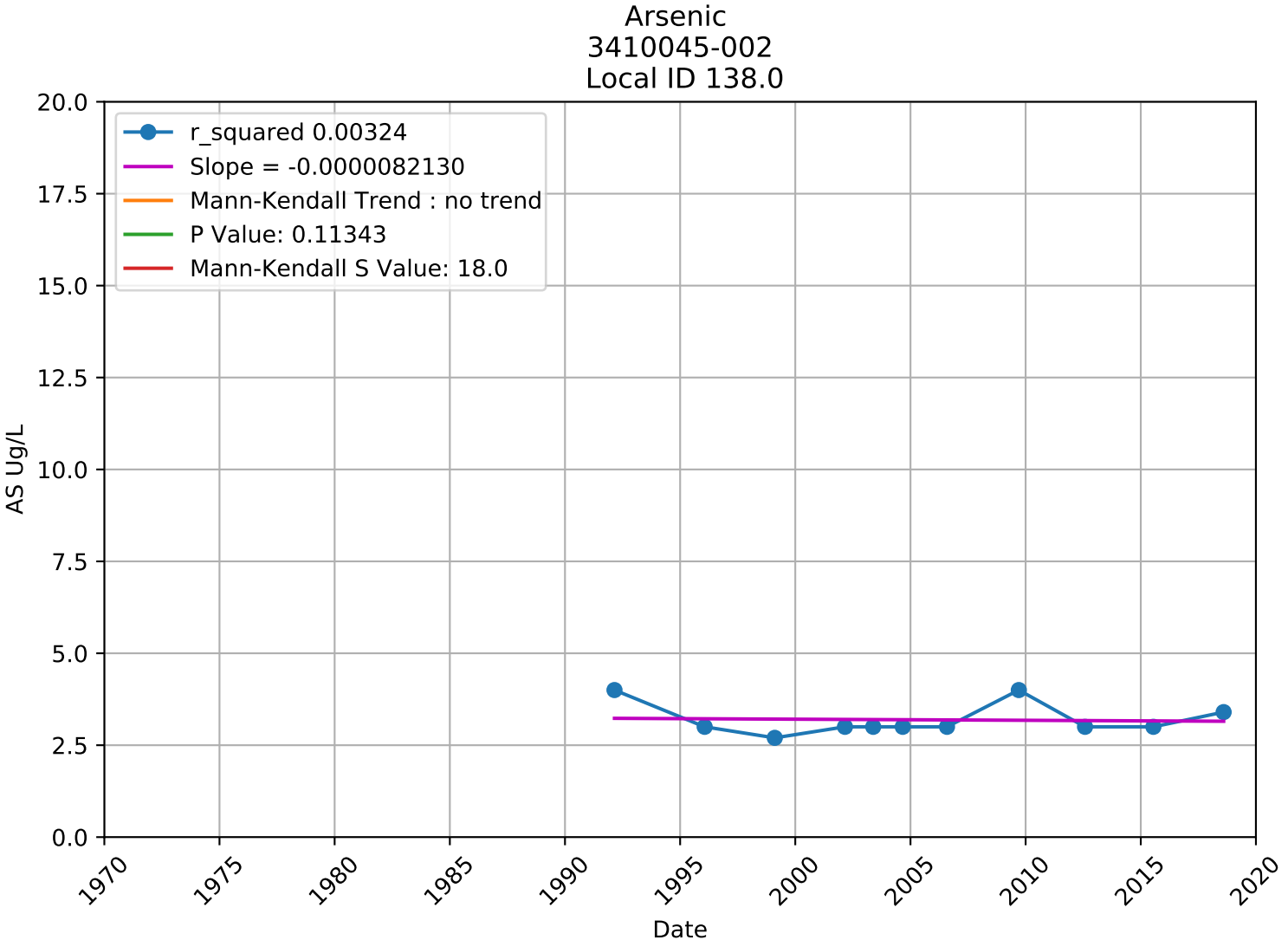

Arsenic
3410031-015
Local ID 95.0
r_squared 0.03816
Slope = 0.0000672896
Mann-Kendall Trend : no trend
P Value: 0.30818
Mann-Kendall S Value: -4.0
AS Ug/L
Date
20.0
17.5
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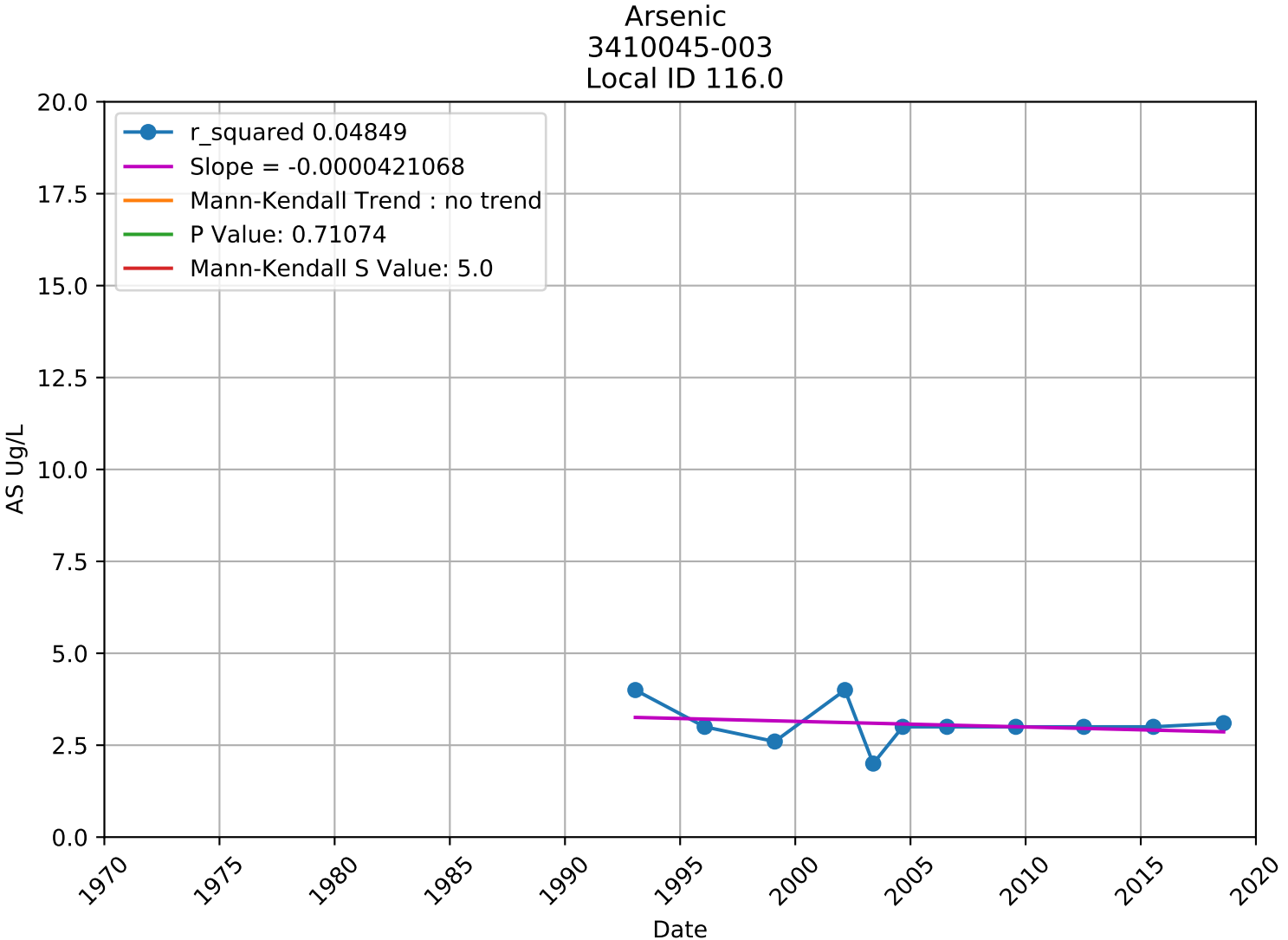

Arsenic
3410031-016
Local ID 241.0
r_squared 0.01050
Slope = -0.0000487625
Mann-Kendall Trend : decreasing
P Value: 0.04728
Mann-Kendall S Value: -19.0
AS Ug/L
Date
20.0
17.5
15.0
12.5
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7.5
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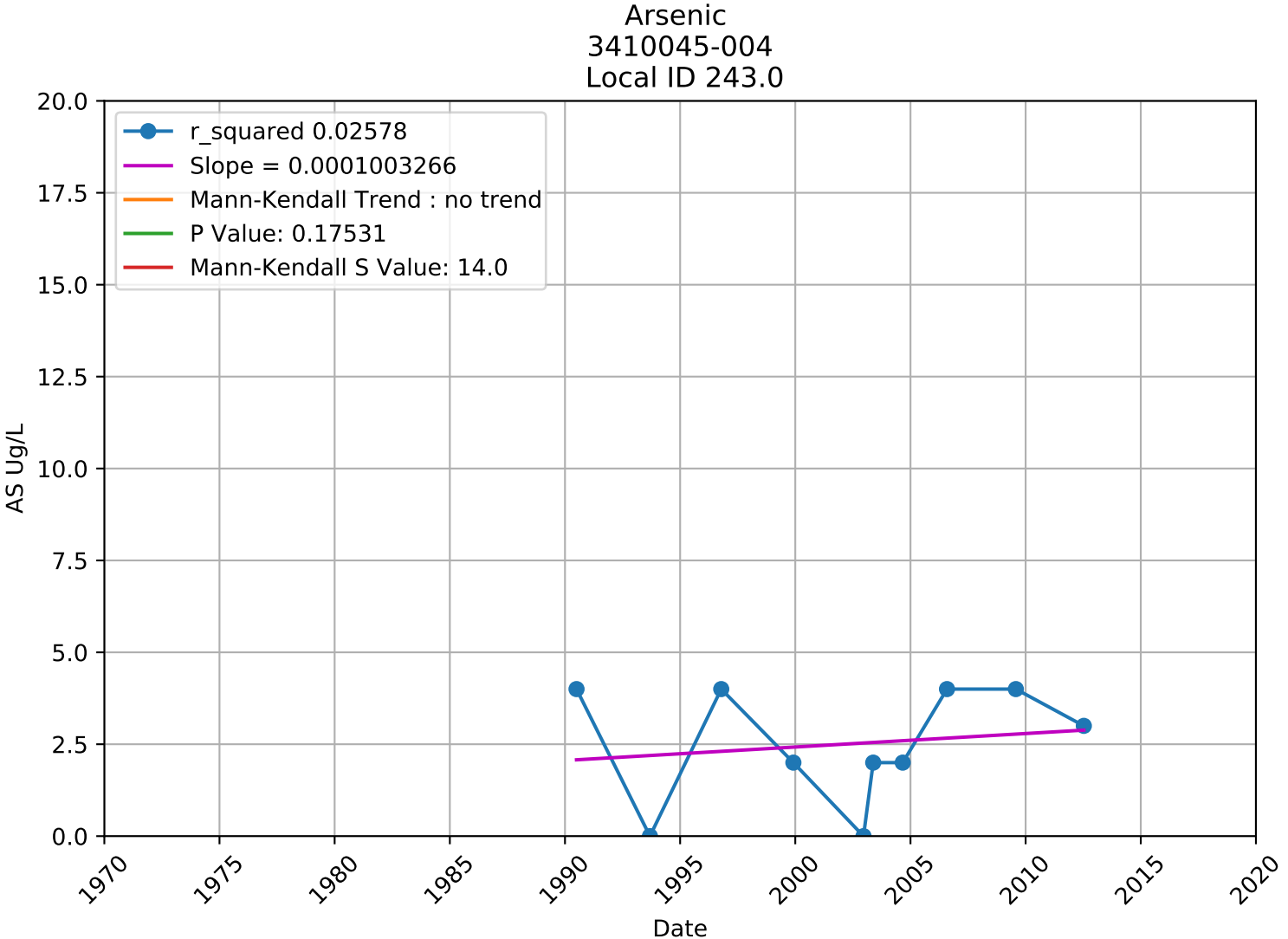

Arsenic
3410031-017
Local ID 80.0
r_squared 0.26063
Slope = -0.0001023051
Mann-Kendall Trend : no trend
P Value: 0.52091
Mann-Kendall S Value: -6.0
AS Ug/L
Date
20.0
17.5
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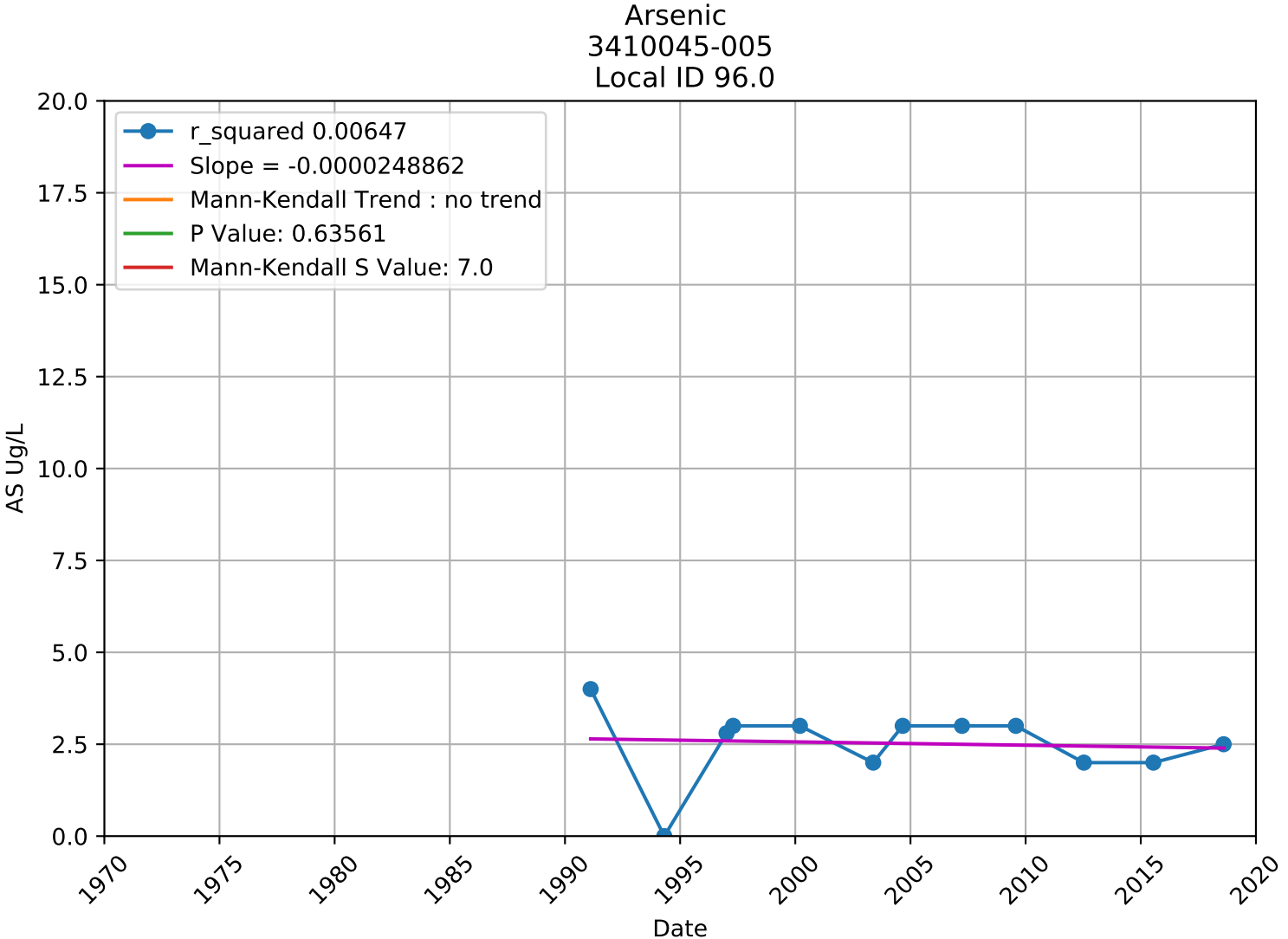

Arsenic
3410031-018
Local ID 257.0
r_squared 0.00011
Slope = 0.0000018373
Mann-Kendall Trend : no trend
P Value: 0.85413
Mann-Kendall S Value: -3.0
AS Ug/L
Date
20.0
17.5
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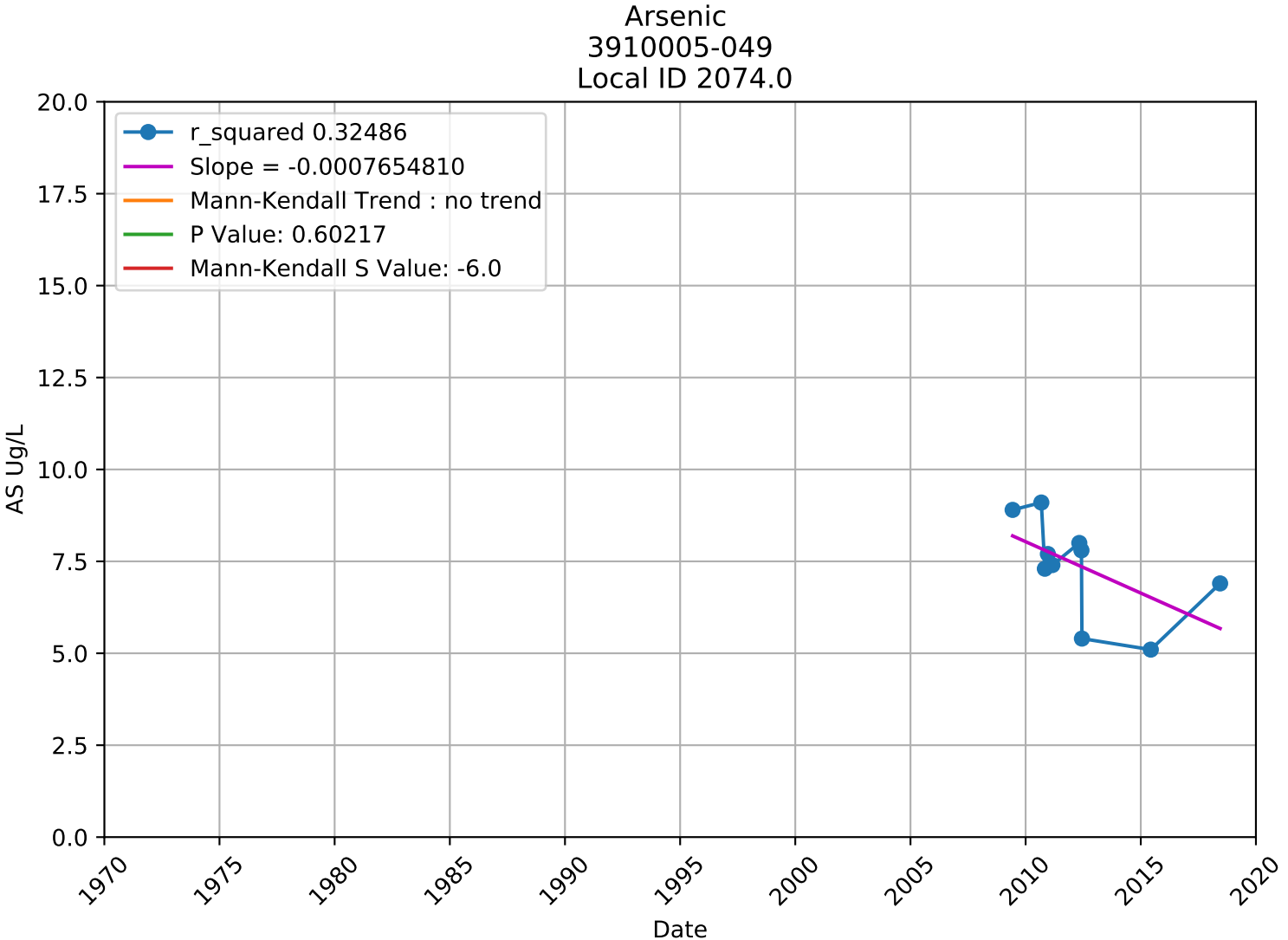

Arsenic
3410045-001
Local ID 288.0
r_squared 0.14072
Slope = -0.0001397752
Mann-Kendall Trend : no trend
P Value: 0.42968
Mann-Kendall S Value: -11.0
AS Ug/L
Date
20.0
17.5
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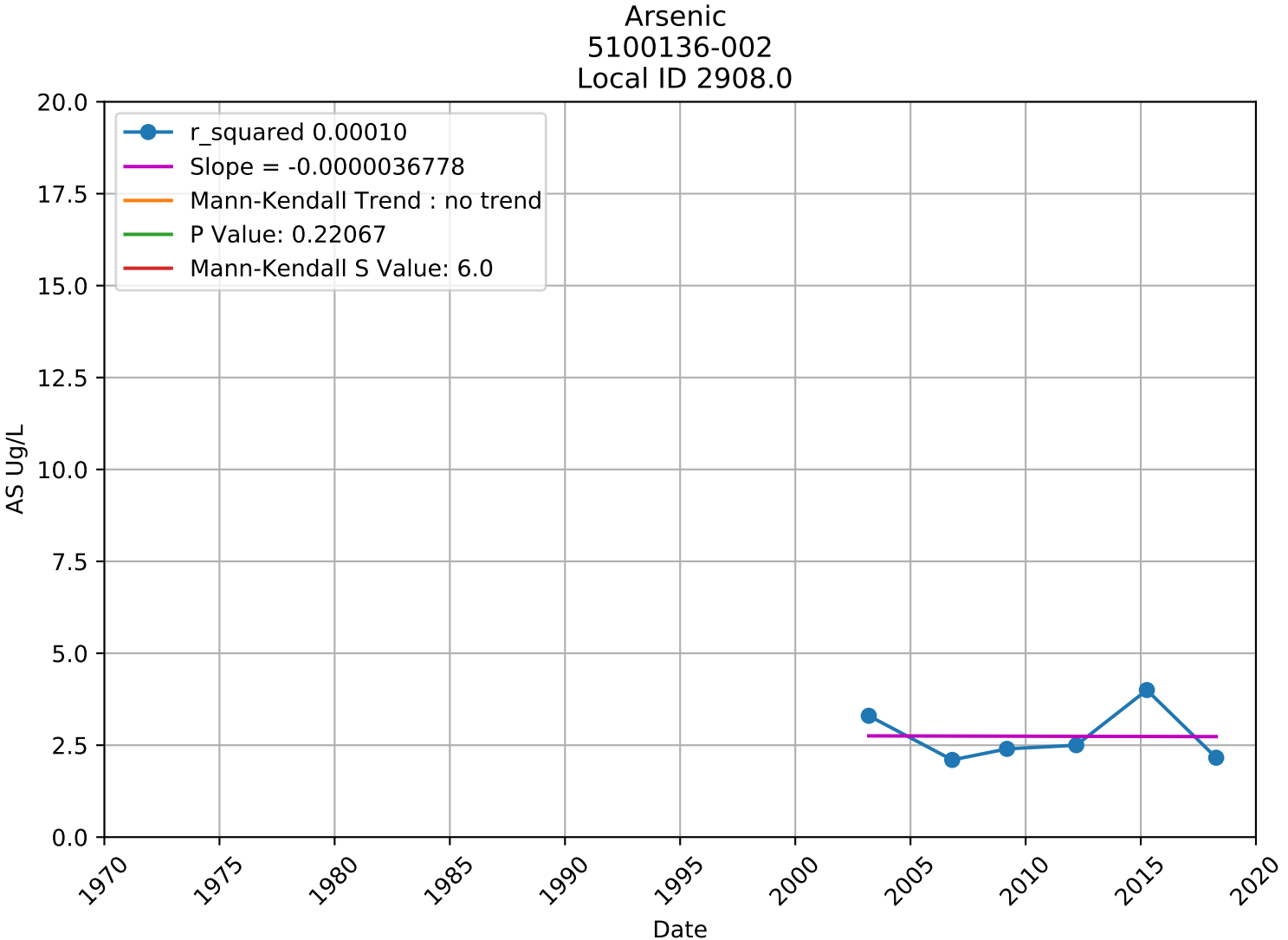

Arsenic
3410045-002
Local ID 138.0
r_squared 0.00324
Slope = -0.0000082130
Mann-Kendall Trend : no trend
P Value: 0.11343
Mann-Kendall S Value: 18.0
AS Ug/L
Date
20.0
17.5
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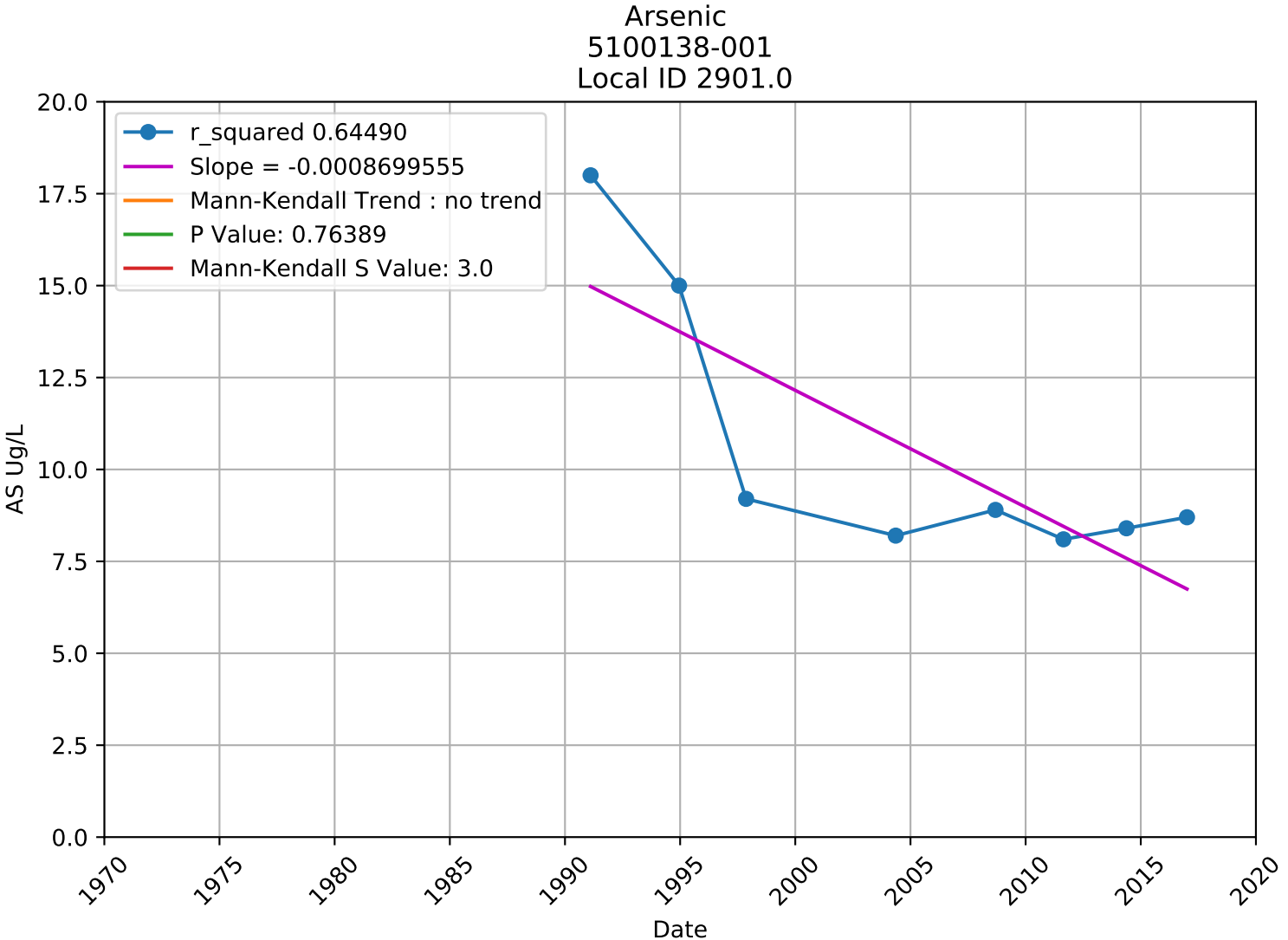

Arsenic
3410045-003
Local ID 116.0
r_squared 0.04849
Slope = -0.0000421068
Mann-Kendall Trend : no trend
P Value: 0.71074
Mann-Kendall S Value: 5.0
AS Ug/L
Date
20.0
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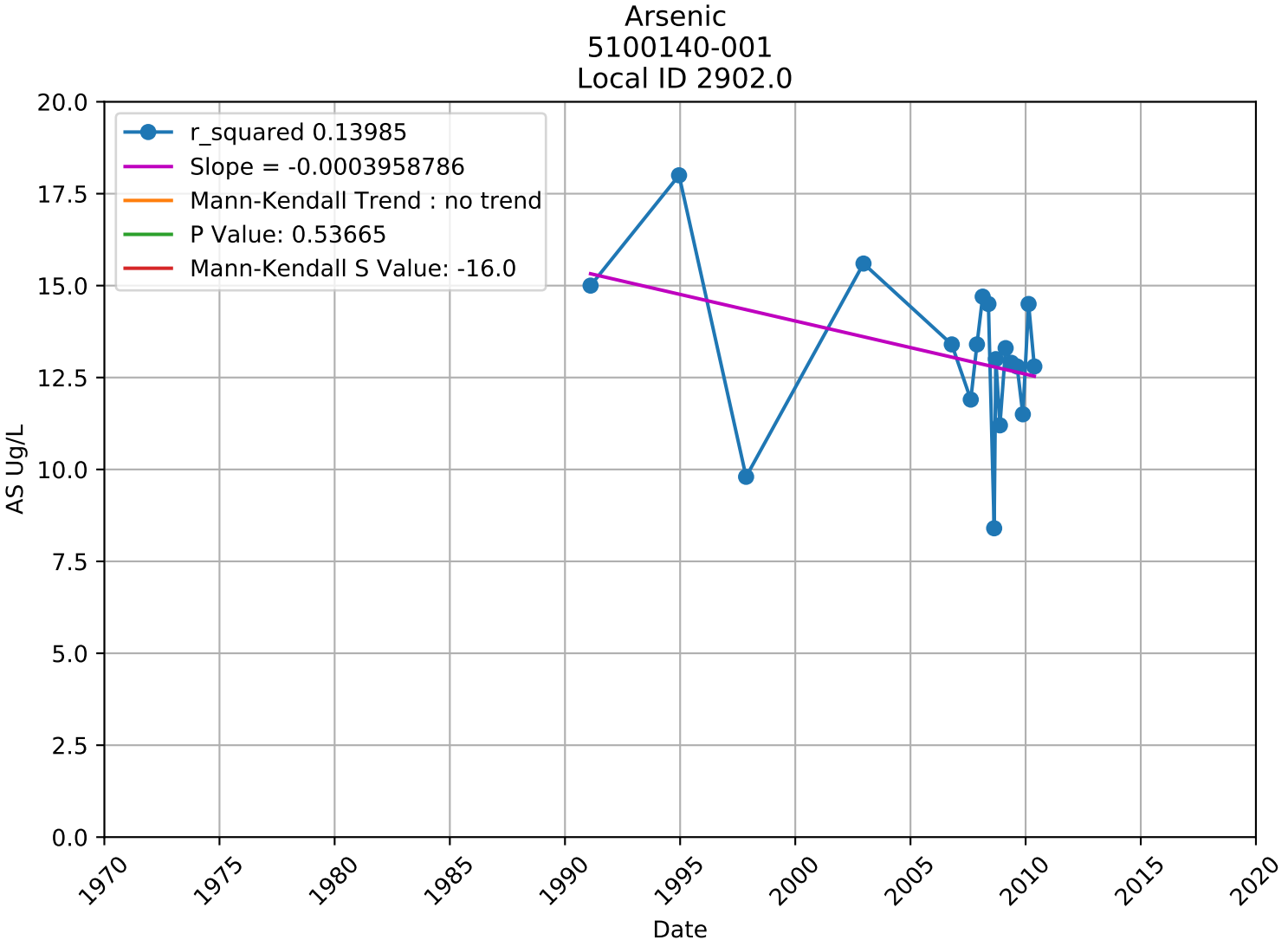

Arsenic
3410045-004
Local ID 243.0
r_squared 0.02578
Slope = 0.0001003266
Mann-Kendall Trend : no trend
P Value: 0.17531
Mann-Kendall S Value: 14.0
AS Ug/L
Date
20.0
17.5
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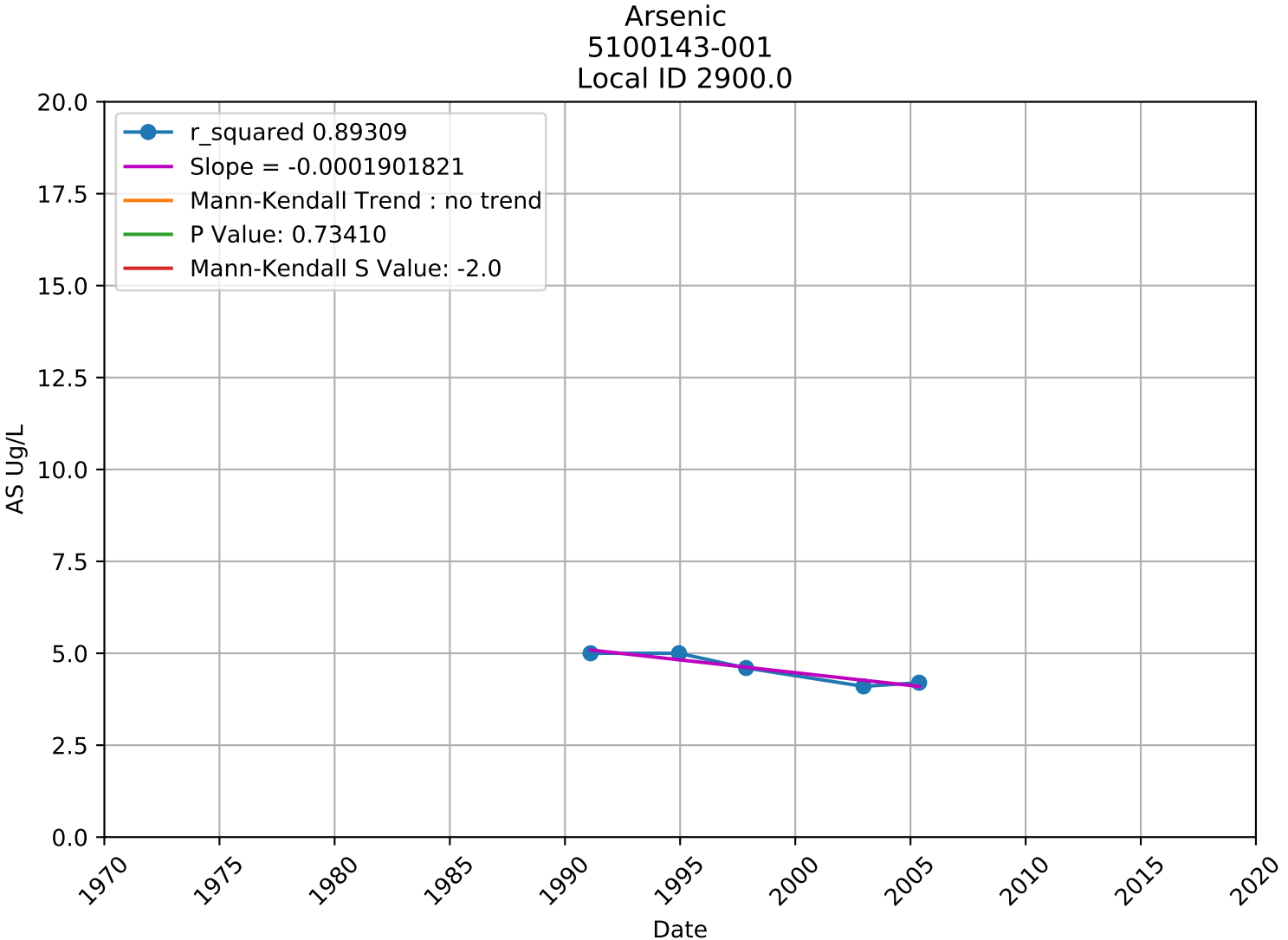

Arsenic
3410045-005
Local ID 96.0
r_squared 0.00647
Slope = -0.0000248862
Mann-Kendall Trend : no trend
P Value: 0.63561
Mann-Kendall S Value: 7.0
AS Ug/L
Date
20.0
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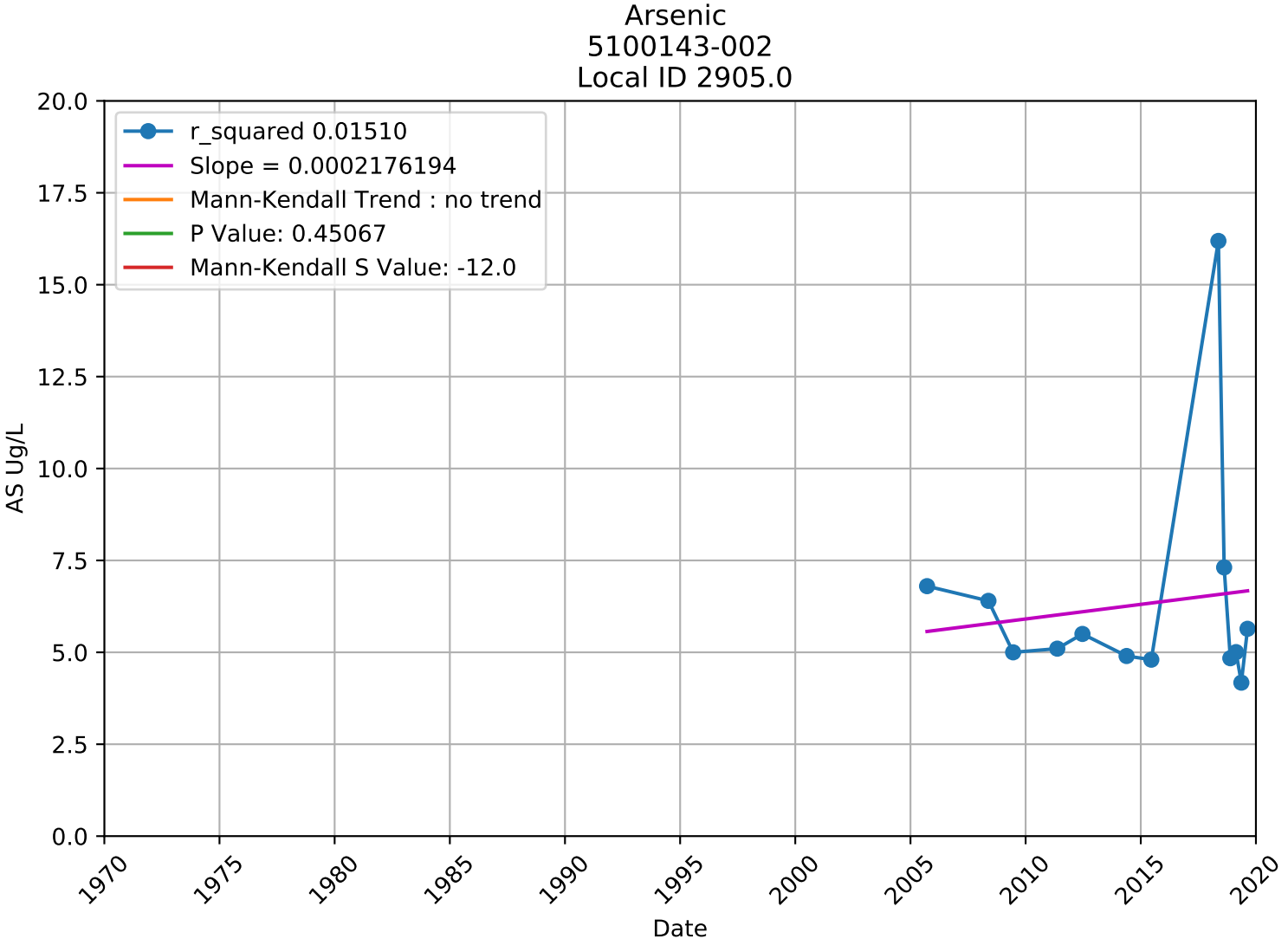

Arsenic
3910005-049
Local ID 2074.0
r_squared 0.32486
Slope = -0.0007654810
Mann-Kendall Trend : no trend
P Value: 0.60217
Mann-Kendall S Value: -6.0
AS Ug/L
Date
20.0
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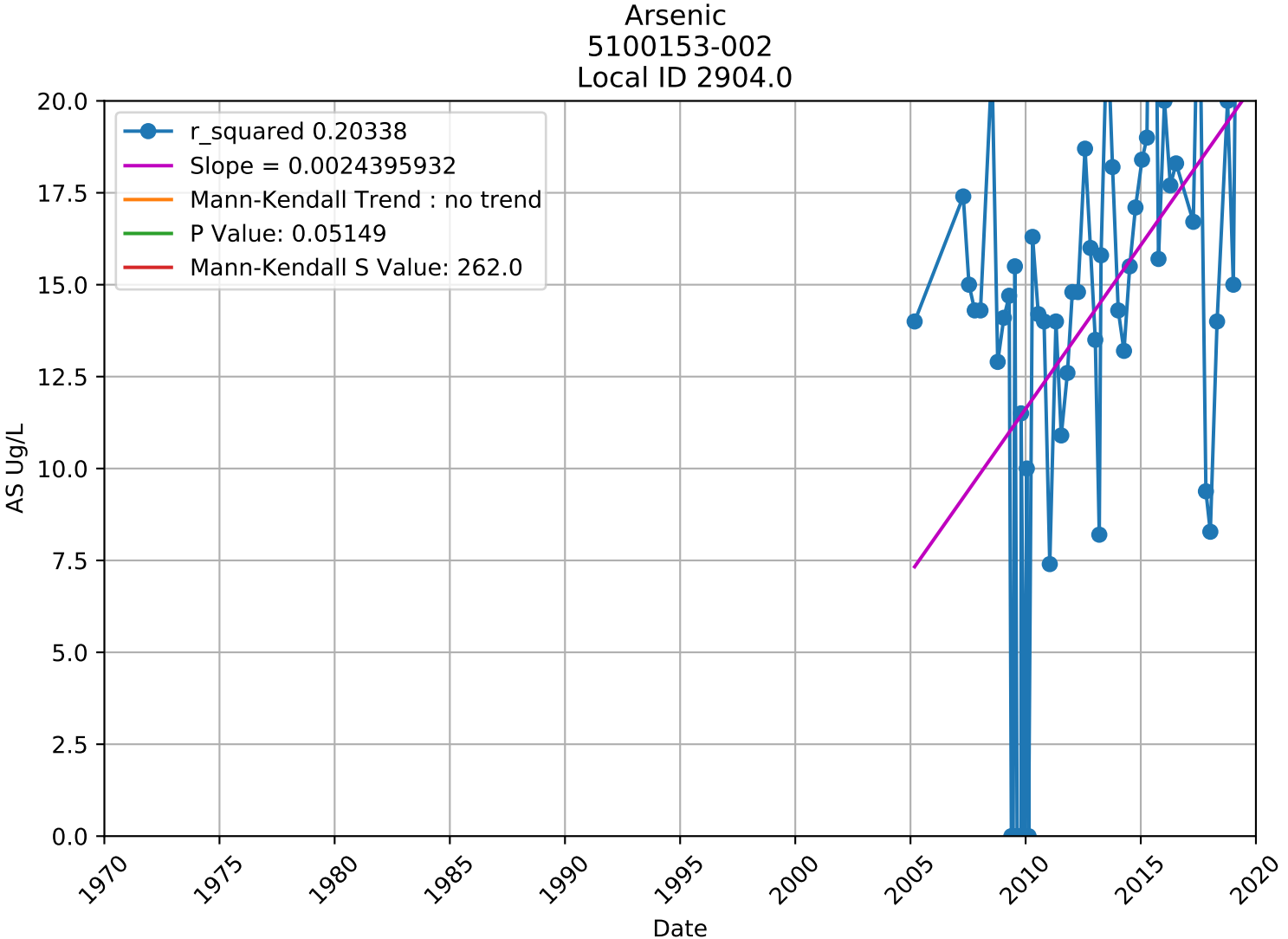

Arsenic
5100136-002
Local ID 2908.0
r_squared 0.00010
Slope = -0.0000036778
Mann-Kendall Trend : no trend
P Value: 0.22067
Mann-Kendall S Value: 6.0
AS Ug/L
Date
20.0
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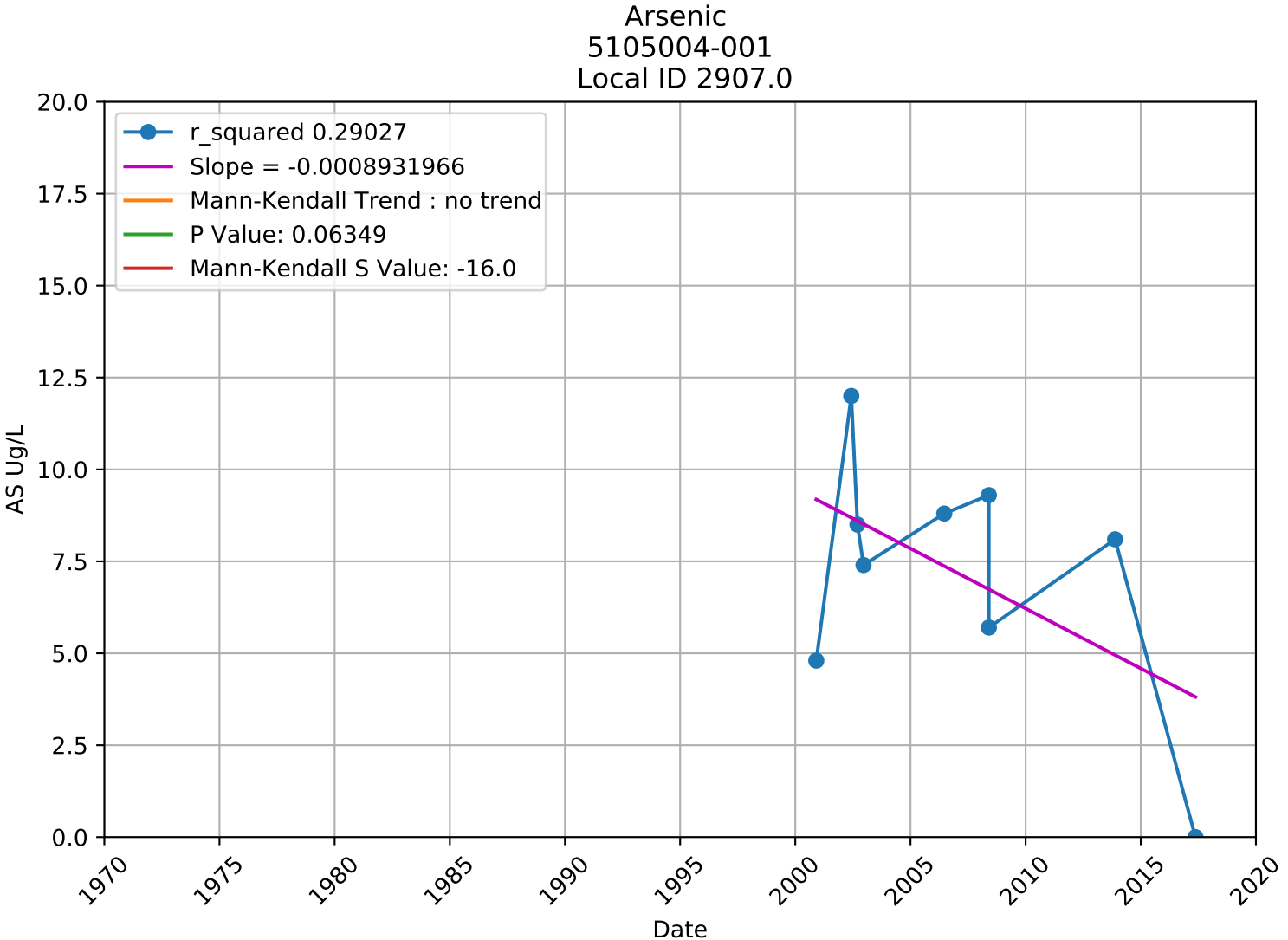

Arsenic
5100138-001
Local ID 2901.0
r_squared 0.64490
Slope = -0.0008699555
Mann-Kendall Trend : no trend
P Value: 0.76389
Mann-Kendall S Value: 3.0
AS Ug/L
Date
20.0
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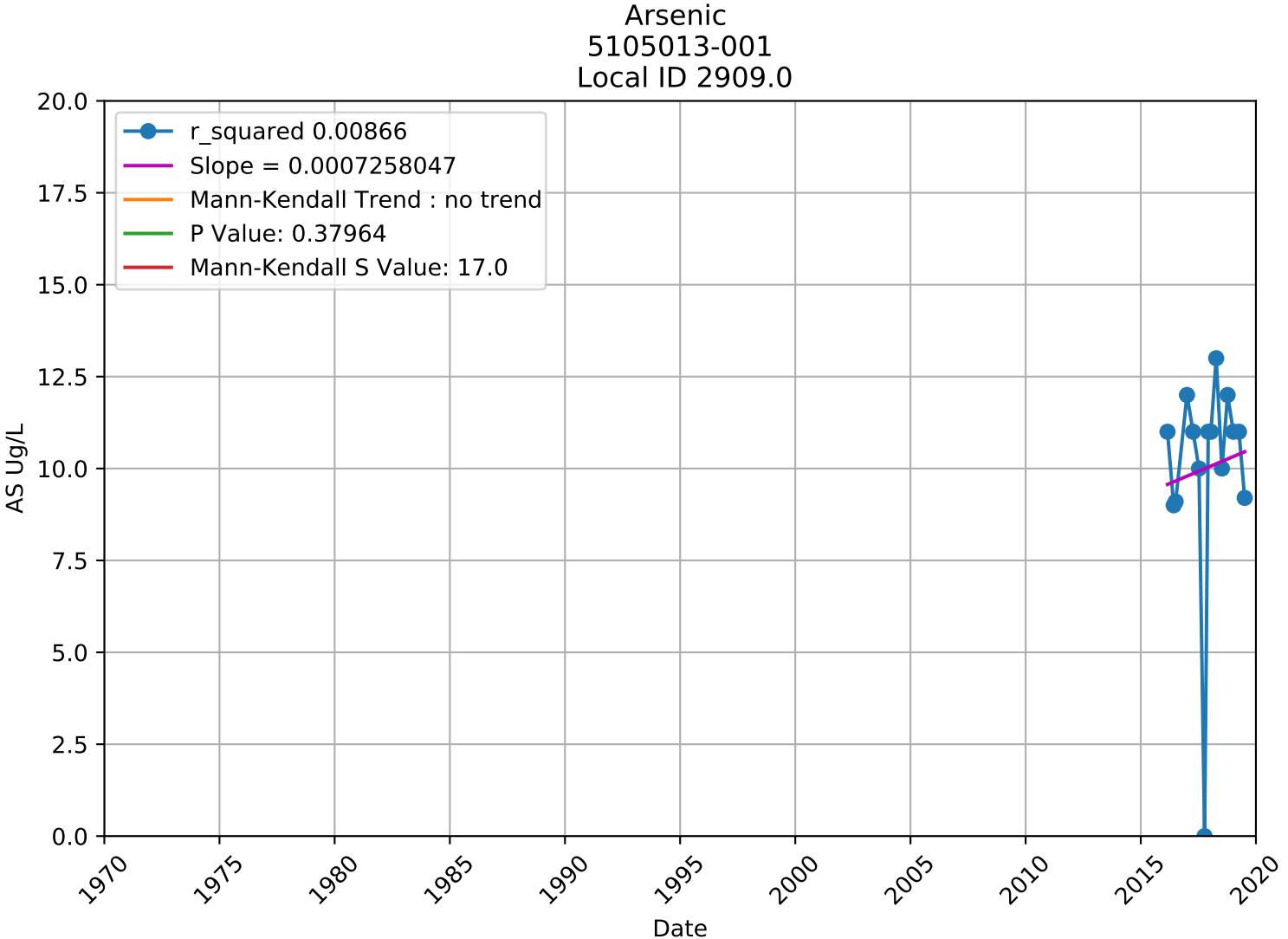

Arsenic
5100140-001
Local ID 2902.0
r_squared 0.13985
Slope = -0.0003958786
Mann-Kendall Trend : no trend
P Value: 0.53665
Mann-Kendall S Value: -16.0
AS Ug/L
Date
20.0
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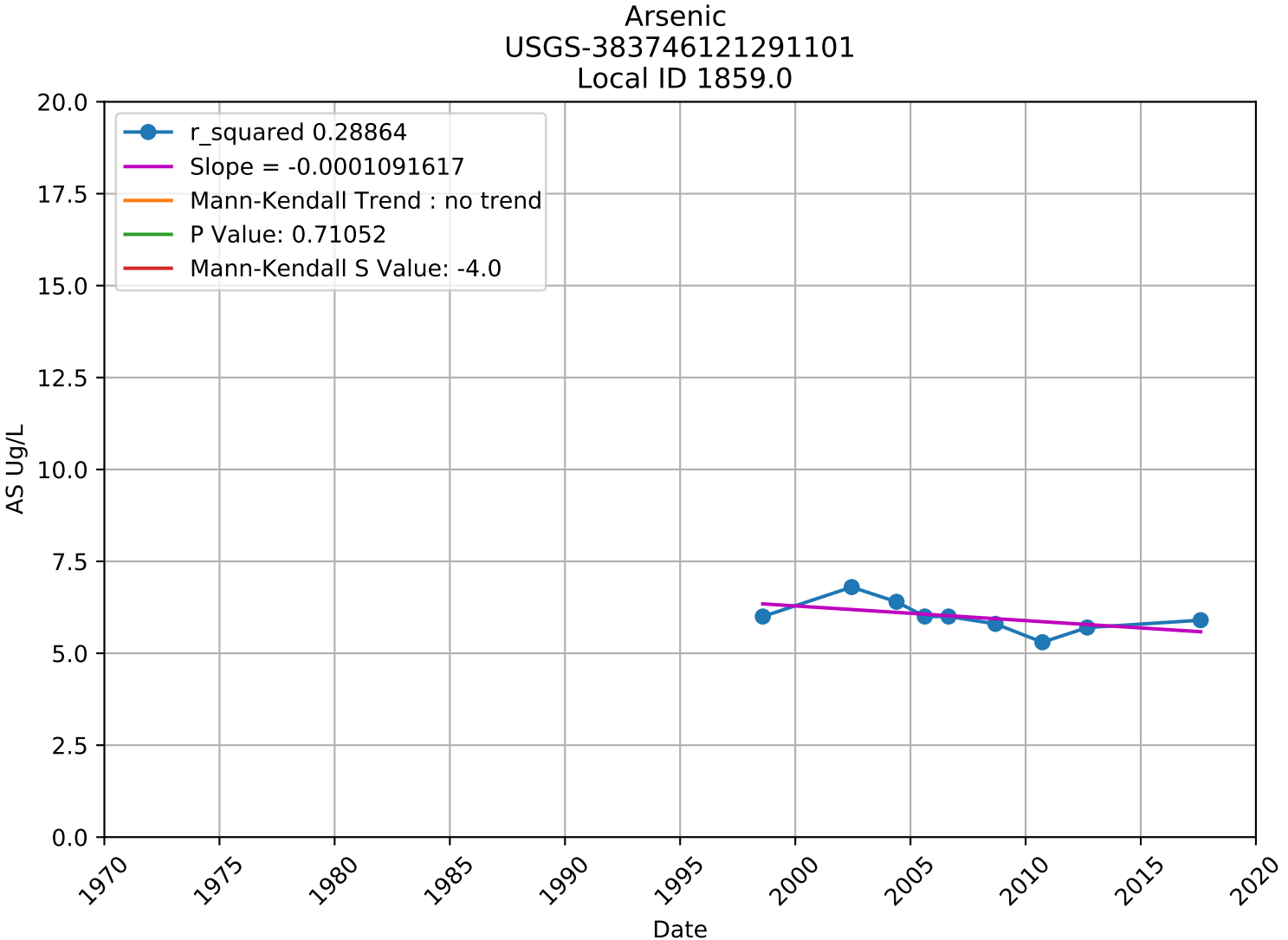

Arsenic
5100143-001
Local ID 2900.0
r_squared 0.89309
Slope = -0.0001901821
Mann-Kendall Trend : no trend
P Value: 0.73410
Mann-Kendall S Value: -2.0
AS Ug/L
Date
20.0
17.5
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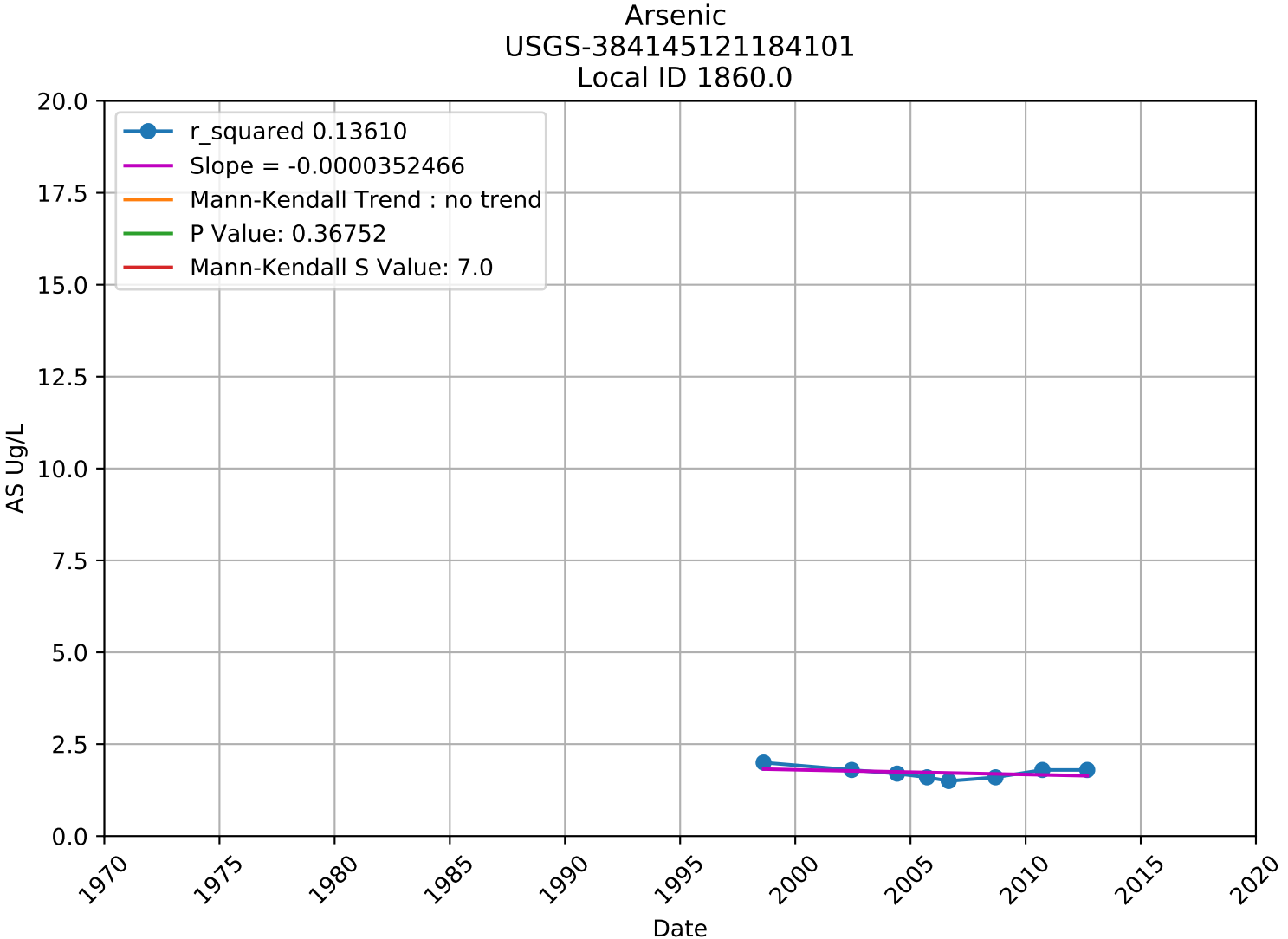

Arsenic
5100143-002
Local ID 2905.0
r_squared 0.01510
Slope = 0.0002176194
Mann-Kendall Trend : no trend
P Value: 0.45067
Mann-Kendall S Value: -12.0
AS Ug/L
Date
20.0
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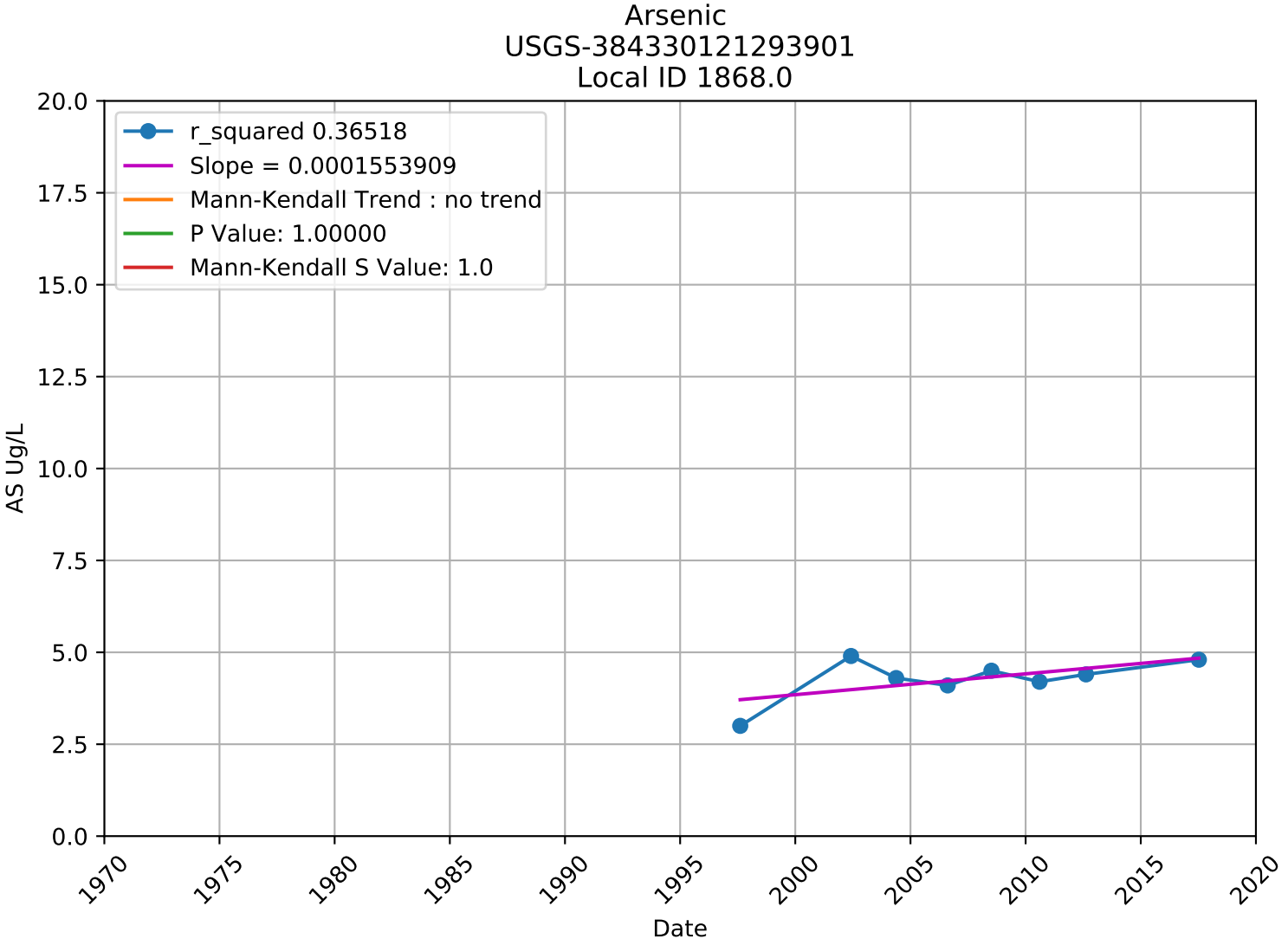

Arsenic
5100153-002
Local ID 2904.0
r_squared 0.20338
Slope = 0.0024395932
Mann-Kendall Trend : no trend
P Value: 0.05149
Mann-Kendall S Value: 262.0
AS Ug/L
Date
20.0
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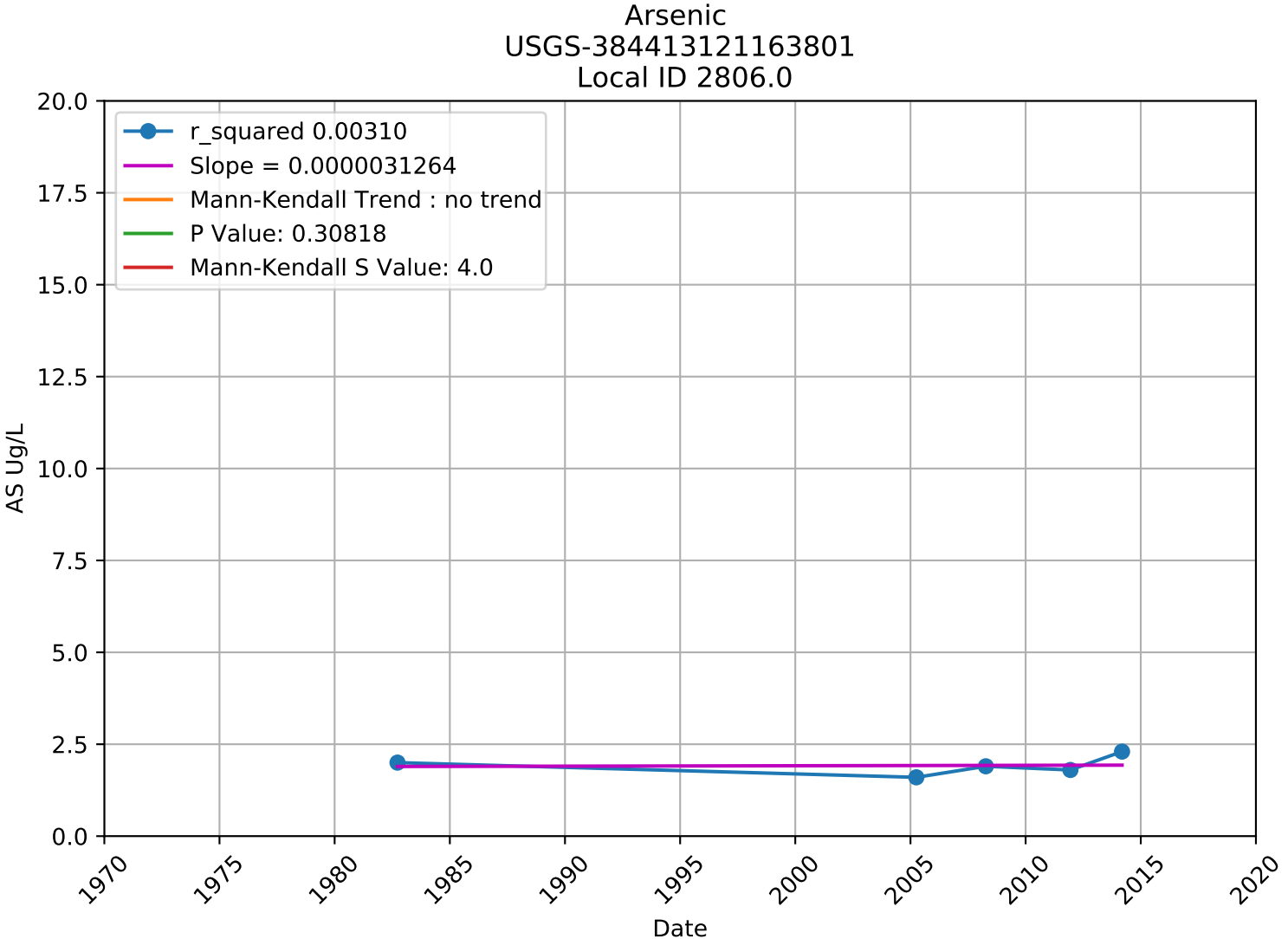

Arsenic
5105004-001
Local ID 2907.0
r_squared 0.29027
Slope = -0.0008931966
Mann-Kendall Trend : no trend
P Value: 0.06349
Mann-Kendall S Value: -16.0
AS Ug/L
Date
20.0
17.5
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12.5
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1970
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Arsenic
5105013-001
Local ID 2909.0
r_squared 0.00866
Slope = 0.0007258047
Mann-Kendall Trend : no trend
P Value: 0.37964
Mann-Kendall S Value: 17.0
AS Ug/L
Date
20.0
17.5
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0.0
1970
1975
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Arsenic
USGS-383746121291101
Local ID 1859.0
r_squared 0.28864
Slope = -0.0001091617
Mann-Kendall Trend : no trend
P Value: 0.71052
Mann-Kendall S Value: -4.0
AS Ug/L
Date
20.0
17.5
15.0
12.5
10.0
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5.0
2.5
0.0
1970
1975
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Arsenic
USGS-384145121184101
Local ID 1860.0
r_squared 0.13610
Slope = -0.0000352466
Mann-Kendall Trend : no trend
P Value: 0.36752
Mann-Kendall S Value: 7.0
AS Ug/L
Date
20.0
17.5
15.0
12.5
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Arsenic
USGS-384330121293901
Local ID 1868.0
r_squared 0.36518
Slope = 0.0001553909
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
AS Ug/L
Date
20.0
17.5
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Arsenic
USGS-384413121163801
Local ID 2806.0
r_squared 0.00310
Slope = 0.0000031264
Mann-Kendall Trend : no trend
P Value: 0.30818
Mann-Kendall S Value: 4.0
AS Ug/L
Date
20.0
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Nitrate as Nitrogen

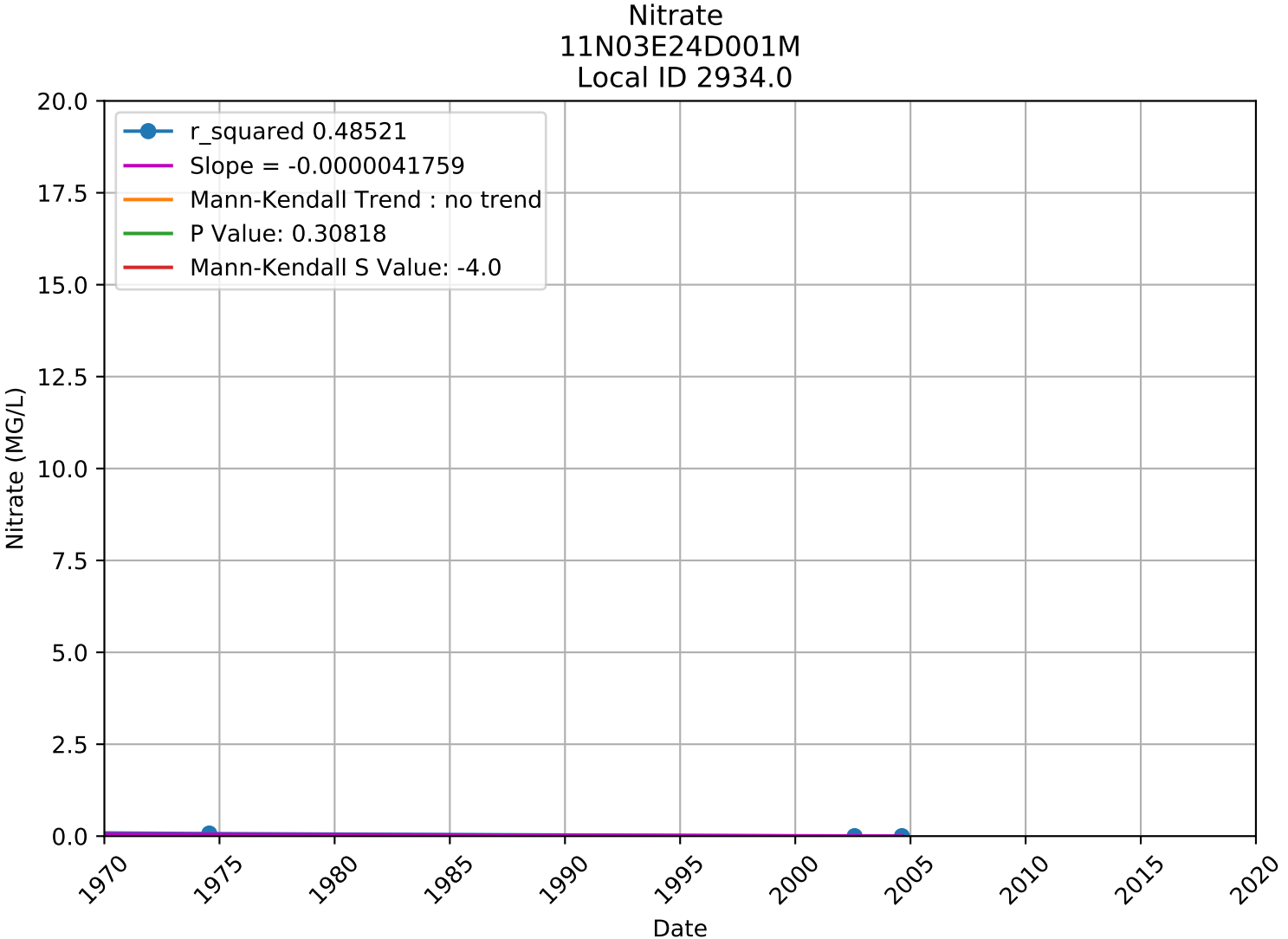
Local_ID	Well_Info_ID	chemical	h	p	s	tau	trend	var_s	z	datemin	datemax	Latitude_NAD83	Longitude_NAD83
2934	11N03E24D001M	NO3N	FALSE	0.308	-4	-0.667	no trend	8.7	-1.02	7/21/1964	8/18/2004	38.7906	-121.5973
2940	11N04E04R002M	NO3N	FALSE	0.089	-6	-1	no trend	8.7	-1.7	5/2/1968	8/24/2005	38.8255	-121.5259
2083	11N06E17D001M	NO3N	TRUE	0	567	0.368	increasing	20007.7	4	5/5/2004	3/26/2008	38.8064	-121.3353
2081	11N06E17D002M	NO3N	FALSE	0.301	-137	-0.092	no trend	17276.3	-1.03	5/6/2004	3/26/2008	38.8027	-121.3384
2080	11N06E17D003M	NO3N	FALSE	0.099	175	0.169	no trend	11151	1.65	5/5/2004	3/26/2008	38.8059	-121.3358
2082	11N06E17E001M	NO3N	TRUE	0	515	0.334	increasing	20015	3.63	5/5/2004	3/26/2008	38.8058	-121.3354
2953	12N03E26R001M	NO3N	FALSE	0.308	-4	-0.667	no trend	8.7	-1.02	6/13/1963	8/18/2004	38.8533	-121.5991
2967	12N04E05R005M	NO3N	FALSE	1	0	0	no trend	8.7	0	8/25/1970	8/18/2004	38.9114	-121.5447
2065	3100077-003	NO3N	FALSE	0.074	-21	-0.467	no trend	125	-1.79	2/26/2004	7/10/2017	38.726602	-121.336563
2062	3100077-004	NO3N	TRUE	0.029	-22	-0.611	decreasing	92	-2.19	2/26/2004	7/10/2017	38.726284	-121.336527
2059	3100538-001	NO3N	FALSE	0.065	42	0.35	no trend	493.3	1.85	3/18/2004	6/12/2019	38.7505	-121.321972
2060	3104508-001	NO3N	FALSE	0.098	-52	-0.274	no trend	950	-1.65	7/17/2003	3/21/2019	38.729952	-121.321616
2077	3105886-001	NO3N	FALSE	0.086	26	0.394	no trend	212.7	1.71	6/21/2007	3/21/2019	38.728166	-121.366194
2057	3110004-002	NO3N	TRUE	0.034	76	0.329	increasing	1254.7	2.12	4/24/2001	2/26/2019	38.868006	-121.320358
2068	3110004-003	NO3N	FALSE	0.156	51	0.221	no trend	1244.3	1.42	12/30/2002	2/26/2019	38.86973	-121.330213
2070	3110004-007	NO3N	FALSE	0.308	4	0.667	no trend	8.7	1.02	4/24/2001	2/26/2019	38.901373	-121.351602
2061	3110004-011	NO3N	FALSE	0.432	20	0.147	no trend	585.3	0.79	12/7/2005	3/1/2018	38.865086	-121.347261
2072	3110004-012	NO3N	FALSE	0.075	37	0.352	no trend	408.3	1.78	6/14/2005	2/26/2019	38.867769	-121.338461
2069	3110008-003	NO3N	FALSE	0.347	13	0.236	no trend	163	0.94	10/26/1992	1/8/2010	38.753022	-121.279492
2071	3110008-006	NO3N	FALSE	0.398	-18	-0.171	no trend	405.3	-0.84	10/27/1992	8/23/2018	38.736633	-121.277875
2066	3110008-007	NO3N	TRUE	0.003	-55	-0.604	decreasing	333.7	-2.96	10/26/1992	8/23/2018	38.726493	-121.258205
2050	3110008-008	NO3N	FALSE	1	-1	-0.048	no trend	44.3	0	8/24/2004	8/23/2018	38.805938	-121.33588
2051	3110008-015	NO3N	FALSE	0.086	8	0.8	no trend	16.7	1.71	1/8/2010	8/23/2018	38.785813	-121.332225
2064	3110025-005	NO3N	TRUE	0.031	53	0.39	increasing	581	2.16	7/26/1989	9/12/2019	38.818889	-121.31
2063	3110040-001	NO3N	FALSE	0.351	18	0.198	no trend	332.7	0.93	9/27/1988	7/9/2002	38.75	-121.34722
2067	3110040-002	NO3N	FALSE	0.193	20	0.303	no trend	212.7	1.3	8/31/1989	7/9/2002	38.75	-121.34444
2054	3110048-001	NO3N	FALSE	0.324	-19	-0.209	no trend	333.7	-0.99	4/21/2004	7/18/2019	38.983062	-121.375659
2058	3110048-002	NO3N	FALSE	0.087	-23	-0.418	no trend	165	-1.71	4/21/2004	4/9/2018	38.980075	-121.369185
40	3400117-001	NO3N	FALSE	1	-1	-0.013	no trend	103.7	0	2/14/2005	8/12/2019	38.602797	-121.50572
15	3400123-001	NO3N	TRUE	0.049	-31	-0.341	decreasing	233	-1.97	2/3/2005	5/6/2019	38.672825	-121.623796
38	3400131-001	NO3N	FALSE	1	1	0.167	no trend	7.7	0	6/15/1995	11/28/2018	38.671667	-121.611111
145	3400173-002	NO3N	FALSE	0.381	-26	-0.152	no trend	813.3	-0.88	7/26/2001	2/4/2019	38.640638	-121.483861
235	3400173-003	NO3N	FALSE	0.537	16	0.118	no trend	589.3	0.62	10/25/2001	2/4/2019	38.654819	-121.477561
316	3400173-004	NO3N	FALSE	0.118	16	0.444	no trend	92	1.56	4/6/2009	2/4/2019	38.643894	-121.493168
167	3400173-005	NO3N	FALSE	0.171	-37	-0.242	no trend	692.3	-1.37	7/26/2001	2/15/2017	38.646271	-121.502342
79	3400179-001	NO3N	FALSE	0.599	16	0.094	no trend	813.3	0.53	8/17/2001	3/20/2019	38.6575	-121.378333
199	3400179-002	NO3N	FALSE	0.734	-2	-0.333	no trend	8.7	-0.34	4/28/2008	3/20/2019	38.658333	-121.380555
57	3400190-001	NO3N	FALSE	0.195	47	0.203	no trend	1257.7	1.3	10/2/2001	3/20/2019	38.675861	-121.326329
272	3400191-001	NO3N	TRUE	0.019	84	0.364	increasing	1256.7	2.34	8/17/2001	3/20/2019	38.65525	-121.379888
285	3400191-002	NO3N	FALSE	0.118	16	0.444	no trend	92	1.56	7/30/2009	3/20/2019	38.685618	-121.361651
121	3400191-003	NO3N	FALSE	1	0	0	no trend	92	0	7/30/2009	3/20/2019	38.656327	-121.378432
36	3400226-001	NO3N	FALSE	0.939	3	0.02	no trend	681	0.08	7/6/2000	3/20/2019	38.605089	-121.522873
44	3400278-001	NO3N	FALSE	0.869	-4	-0.044	no trend	330.7	-0.16	7/10/2000	12/18/2018	38.648694	-121.346694
43	3400278-002	NO3N	FALSE	0.631	8	0.121	no trend	212.7	0.48	8/22/2001	6/22/2017	38.650597	-121.344144
67	3400283-001	NO3N	FALSE	0.371	11	0.244	no trend	125	0.89	8/12/2009	4/30/2018	38.648694	-121.346694
302	3400284-001	NO3N	TRUE	0.023	-34	-0.515	decreasing	210.7	-2.27	3/15/2001	4/16/2008	38.692607	-121.32344
48	3400347-001	NO3N	FALSE	0.178	-16	-0.356	no trend	124	-1.35	7/17/2003	6/24/2010	38.684099	-121.322031
65	3400356-001	NO3N	FALSE	0.396	25	0.146	no trend	798.3	0.85	7/12/2000	5/13/2019	38.684099	-121.322031
8	3400383-001	NO3N	FALSE	0.429	-34	-0.113	no trend	1741.3	-0.79	7/20/2000	3/20/2019	38.618983	-121.536935
39	3400396-001	NO3N	FALSE	0.062	-46	-0.338	no trend	580.7	-1.87	9/5/2002	3/20/2019	38.697778	-121.616944
23	3400406-001	NO3N	FALSE	0.175	-77	-0.177	no trend	3133	-1.36	8/7/2001	3/20/2019	38.619087	-121.53506
60	3400456-001	NO3N	FALSE	0.284	-34	-0.179	no trend	950	-1.07	6/20/2012	8/15/2019	38.698055	-121.43
309	3400459-001	NO3N	TRUE	0.011	-91	-0.394	decreasing	1257.7	-2.54	2/18/2010	8/2/2019	38.576666	-121.401666
193	3410001-001	NO3N	TRUE	0.014	112	0.345	increasing	2057.3	2.45	1/12/1993	7/15/2019	38.606839	-121.3982
242	3410001-002	NO3N	TRUE	0.037	80	0.316	increasing	1432.7	2.09	1/25/1995	7/15/2019	38.59783	-121.398024
258	3410001-004	NO3N	FALSE	0.739	12	0.057	no trend	1090	0.33	1/12/1993	8/10/2015	38.611483	-121.410107
284	3410001-005	NO3N	FALSE	0.107	47	0.275	no trend	812.3	1.61	2/25/1991	7/30/2013	38.623478	-121.396638
203	3410001-007	NO3N	TRUE	0.008	129	0.368	increasing	2299	2.67	7/9/1990	9/16/2019	38.610999	-121.363391
128	3410001-009	NO3N	FALSE	0.807	-5	-0.064	no trend	267.7	-0.24	2/2/1993	1/23/2006	38.616331	-121.403703
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158	3410001-011	NO3N	FALSE	0.127	66	0.22	no trend	1814	1.53	1/30/1992	7/30/2019	38.619863	-121.396184
228	3410001-012	NO3N	FALSE	0.174	154	0.137	no trend	12656.7	1.36	2/25/1991	4/10/2018	38.617662	-121.403695
82	3410001-013	NO3N	FALSE	0.409	-34	-0.123	no trend	1596	-0.83	1/28/1992	7/11/2019	38.598939	-121.370714
146	3410001-014	NO3N	FALSE	0.24	27	0.225	no trend	490.3	1.17	7/10/1990	3/12/2009	38.61171	-121.386048
260	3410001-015	NO3N	TRUE	0.002	136	0.453	increasing	1831.3	3.15	11/1/1988	7/11/2019	38.59781	-121.381308
191	3410001-016	NO3N	FALSE	0.428	-29	-0.126	no trend	1249	-0.79	2/22/1991	7/12/2016	38.631327	-121.37485
124	3410001-017	NO3N	FALSE	0.865	7	0.03	no trend	1253	0.17	1/30/1992	2/8/2016	38.61981	-121.403732
211	3410001-018	NO3N	FALSE	0.972	7	0.003	no trend	29784.3	0.03	2/22/1991	7/11/2019	38.623854	-121.374359
209	3410001-019	NO3N	FALSE	0.366	42	0.129	no trend	2057.3	0.9	1/27/1992	7/11/2019	38.597831	-121.359623
114	3410001-020	NO3N	TRUE	0.037	236	0.209	increasing	12656.7	2.09	1/27/1992	7/10/2019	38.618079	-121.359205

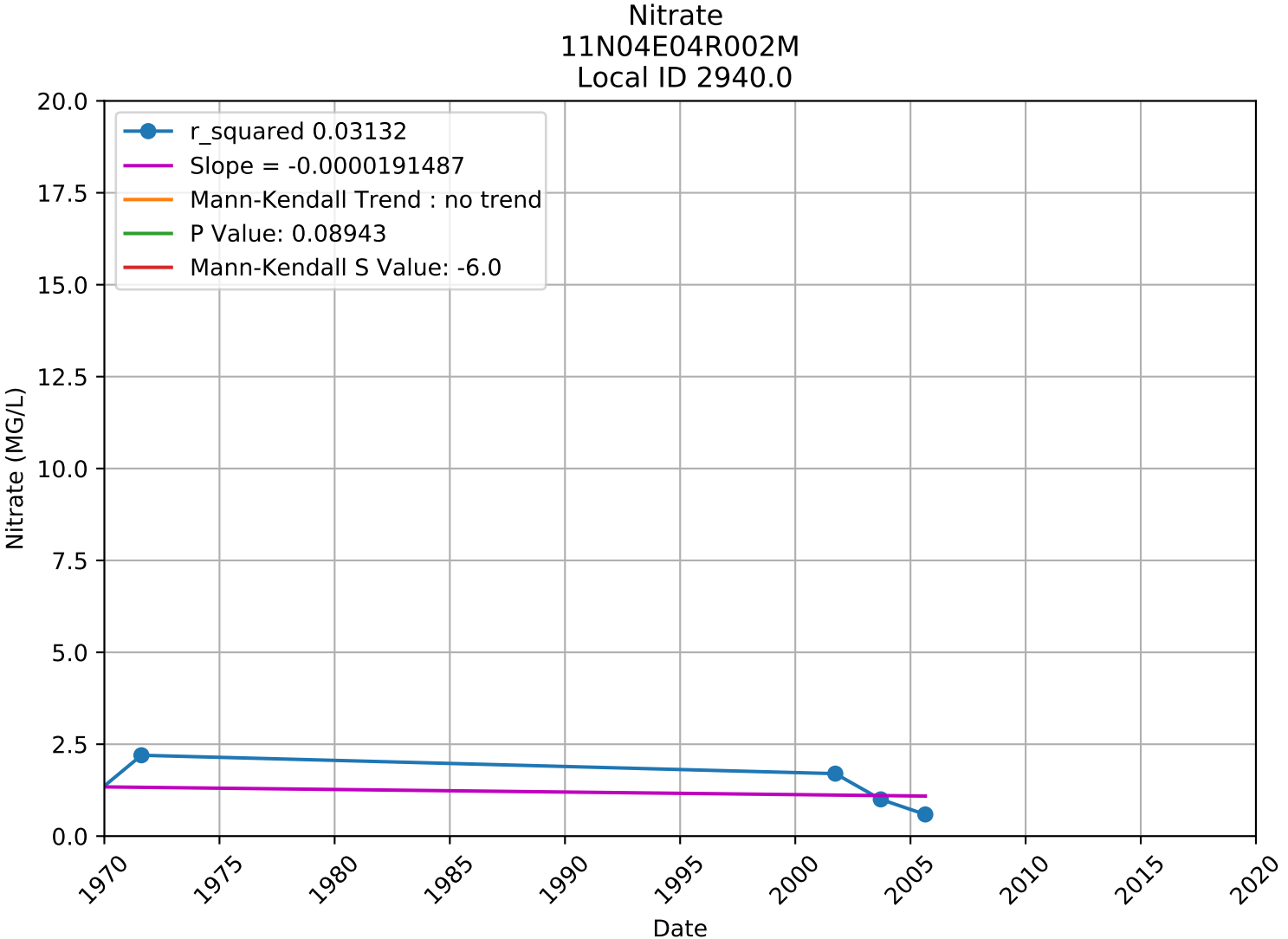
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123	3410001-023	NO3N	FALSE	0.764	-3	-0.143	no trend	44.3	-0.3	4/13/1987	5/16/2000	38.614722	-121.349444
64	3410001-024	NO3N	FALSE	0.707	3	0.2	no trend	28.3	0.38	1/27/1992	2/19/2001	38.641255	-121.370271
222	3410001-025	NO3N	TRUE	0.027	101	0.311	increasing	2053.7	2.21	2/22/1991	7/26/2018	38.60046	-121.359118
148	3410001-026	NO3N	FALSE	0.185	19	0.288	no trend	184.3	1.33	7/10/1990	2/23/2005	38.627091	-121.384097
113	3410001-027	NO3N	TRUE	0.032	87	0.315	increasing	1607.7	2.14	1/30/1992	7/17/2018	38.605146	-121.390988
244	3410001-028	NO3N	TRUE	0.027	74	0.352	increasing	1088	2.21	1/30/1992	8/21/2014	38.63562	-121.381097
227	3410001-029	NO3N	TRUE	0.048	71	0.307	increasing	1249	1.98	1/30/1992	10/3/2017	38.630252	-121.397575
236	3410001-030	NO3N	TRUE	0.009	81	0.426	increasing	944.3	2.6	1/29/1992	7/9/2018	38.617802	-121.424022
170	3410001-031	NO3N	FALSE	0.548	5	0.238	no trend	44.3	0.6	1/28/1992	11/20/2007	38.61919	-121.371454
81	3410001-032	NO3N	FALSE	0.139	50	0.238	no trend	1094.7	1.48	7/9/1990	7/9/2018	38.622918	-121.413817
104	3410001-033	NO3N	FALSE	0.113	46	0.269	no trend	807.3	1.58	1/29/1992	7/10/2014	38.601378	-121.424
173	3410001-034	NO3N	TRUE	0	-1179	-0.449	decreasing	43973	-5.62	7/9/1990	7/16/2019	38.584674	-121.396539
169	3410001-035	NO3N	FALSE	0.441	32	0.116	no trend	1616.7	0.77	7/9/1990	7/26/2018	38.594464	-121.351844
25	3410001-037	NO3N	FALSE	0.072	13	0.619	no trend	44.3	1.8	1/27/1992	6/13/2000	38.578611	-121.366667
19	3410001-038	NO3N	FALSE	0.069	-52	-0.304	no trend	786.7	-1.82	1/28/1992	7/25/2012	38.578371	-121.363395
20	3410001-039	NO3N	FALSE	0.797	-7	-0.051	no trend	545	-0.26	2/22/1991	6/16/2010	38.591742	-121.346413
90	3410001-040	NO3N	FALSE	1	-1	-0.1	no trend	13	0	1/27/1992	6/13/2000	38.624895	-121.35055
168	3410001-042	NO3N	TRUE	0.027	90	0.326	increasing	1623.3	2.21	2/22/1991	7/11/2019	38.628014	-121.358648
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287	3410001-054	NO3N	FALSE	0.107	-70	-0.233	no trend	1831.3	-1.61	2/11/1991	7/16/2019	38.582422	-121.408379
122	3410001-055	NO3N	TRUE	0.004	117	0.424	increasing	1621.7	2.88	11/1/1988	12/13/2017	38.594474	-121.39864
26	3410001-056	NO3N	FALSE	0.122	-71	-0.218	no trend	2049.7	-1.55	1/12/1993	7/9/2018	38.578749	-121.41096
3	3410001-061	NO3N	FALSE	0.195	-47	-0.203	no trend	1257.7	-1.3	5/7/1998	7/18/2019	38.582786	-121.338489
176	3410001-062	NO3N	FALSE	0.489	22	0.116	no trend	920.7	0.69	8/22/2000	7/25/2019	38.618056	-121.401944
12	3410001-064	NO3N	FALSE	0.904	5	0.024	no trend	1095.7	0.12	5/31/2000	7/11/2019	38.584121	-121.353432
13	3410001-065	NO3N	FALSE	0.319	-34	-0.162	no trend	1094.7	-1	2/22/2000	7/18/2019	38.583196	-121.33679
4	3410001-066	NO3N	FALSE	0.974	-2	-0.011	no trend	945.3	-0.03	2/22/2000	7/18/2019	38.582214	-121.338203
2	3410001-067	NO3N	FALSE	0.211	-6	-0.286	no trend	16	-1.25	6/3/1999	10/1/2014	38.582481	-121.417169
225	3410001-069	NO3N	FALSE	0.506	-69	-0.07	no trend	10449	-0.67	2/26/1992	7/16/2019	38.580609	-121.384004
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205	3410001-071	NO3N	TRUE	0.026	59	0.386	increasing	680.3	2.22	3/21/2002	7/10/2019	38.63056	-121.397787
106	3410001-072	NO3N	FALSE	0.183	33	0.243	no trend	577	1.33	3/21/2002	7/25/2019	38.61744	-121.411527
252	3410001-073	NO3N	FALSE	0.43	-21	-0.137	no trend	643	-0.79	3/21/2002	7/25/2019	38.58058	-121.383962
58	3410001-076	NO3N	FALSE	0.402	37	0.114	no trend	1843.7	0.84	6/5/1984	7/10/2019	38.644265	-121.362069
69	3410001-077	NO3N	TRUE	0.036	155	0.246	increasing	5389	2.1	3/7/1984	7/10/2019	38.631522	-121.352911
86	3410001-078	NO3N	FALSE	0.196	63	0.179	no trend	2301	1.29	6/5/1984	7/9/2019	38.684818	-121.355931
259	3410001-079	NO3N	FALSE	0.532	-36	-0.083	no trend	3138.7	-0.62	6/4/1984	7/24/2013	38.667577	-121.334161
110	3410001-080	NO3N	FALSE	0.54	37	0.08	no trend	3457	0.61	6/4/1984	7/17/2019	38.672567	-121.331573
174	3410001-081	NO3N	FALSE	0.897	5	0.026	no trend	946.3	0.13	6/5/1984	7/22/2019	38.683333	-121.333333
71	3410001-082	NO3N	FALSE	1	0	0	no trend	4165.3	0	6/4/1984	7/18/2018	38.648929	-121.338368
246	3410001-083	NO3N	FALSE	0.215	51	0.185	no trend	1624.3	1.24	5/17/1984	7/9/2019	38.663692	-121.347786
239	3410001-085	NO3N	FALSE	0.868	38	0.013	no trend	49707.3	0.17	6/4/1984	10/1/2019	38.644208	-121.329841
49	3410001-087	NO3N	FALSE	0.537	-32	-0.085	no trend	2516.7	-0.62	6/5/1984	7/11/2019	38.645858	-121.392317
218	3410001-088	NO3N	FALSE	1	1	0.004	no trend	1624.3	0	5/17/1984	10/19/2015	38.668746	-121.361
89	3410001-089	NO3N	FALSE	0.985	2	0.005	no trend	2842	0.02	3/7/1984	7/9/2019	38.653579	-121.379692
132	3410001-092	NO3N	FALSE	0.605	29	0.067	no trend	2929	0.52	6/4/1984	7/24/2018	38.63889	-121.342759
185	3410001-094	NO3N	FALSE	0.06	91	0.259	no trend	2290.3	1.88	5/17/1984	7/10/2019	38.652299	-121.354305
196	3410001-095	NO3N	TRUE	0.039	51	0.375	increasing	586.3	2.06	5/17/1984	5/28/2009	38.658062	-121.356402
297	3410001-096	NO3N	FALSE	0.659	21	0.065	no trend	2058.3	0.44	6/30/1988	7/9/2019	38.689669	-121.360198
102	3410001-097	NO3N	FALSE	0.791	13	0.04	no trend	2056.3	0.26	12/13/1984	7/11/2019	38.694158	-121.360024
256	3410001-098	NO3N	FALSE	0.185	68	0.18	no trend	2553.3	1.33	5/9/1984	7/9/2019	38.700217	-121.351805
295	3410001-099	NO3N	FALSE	0.313	75	0.119	no trend	5387	1.01	10/20/1988	4/8/2010	38.655401	-121.313482
46	3410001-101	NO3N	TRUE	0	800	0.296	increasing	45911.3	3.73	10/27/1988	4/15/2019	38.663926	-121.32579
231	3410001-102	NO3N	TRUE	0.011	408	0.223	increasing	25821.3	2.53	10/20/1988	10/1/2019	38.675049	-121.315501
101	3410001-103	NO3N	FALSE	0.063	46	0.338	no trend	584.7	1.86	10/25/1988	11/13/2013	38.651225	-121.32298
163	3410001-104	NO3N	FALSE	0.763	13	0.047	no trend	1579	0.3	2/1/1993	7/10/2019	38.710442	-121.331662
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85	3410001-107	NO3N	FALSE	0.228	-38	-0.2	no trend	942.7	-1.21	11/4/1996	7/18/2018	38.709903	-121.357066
127	3410001-111	NO3N	FALSE	0.553	22	0.095	no trend	1254.7	0.59	12/13/1995	7/11/2019	38.665363	-121.383099
254	3410001-127	NO3N	FALSE	0.652	11	0.092	no trend	492.3	0.45	12/13/1995	8/21/2014	38.712268	-121.381099
283	3410001-128	NO3N	FALSE	0.441	15	0.165	no trend	329.7	0.77	12/13/1995	6/17/2010	38.709783	-121.374669
149	3410001-129	NO3N	TRUE	0.01	74	0.433	increasing	804.7	2.57	12/13/1995	10/15/2014	38.710651	-121.387666
118	3410001-133	NO3N	FALSE	0.146	63	0.21	no trend	1815.7	1.46	2/25/1991	7/22/2019	38.682932	-121.376063
182	3410001-135	NO3N	TRUE	0.004	95	0.452	increasing	1084.3	2.85	1/26/1995	3/13/2018	38.68794	-121.385107
99	3410001-136	NO3N	TRUE	0.042	67	0.319	increasing	1050.3	2.04	2/25/1991	3/27/2018	38.685899	-121.372701
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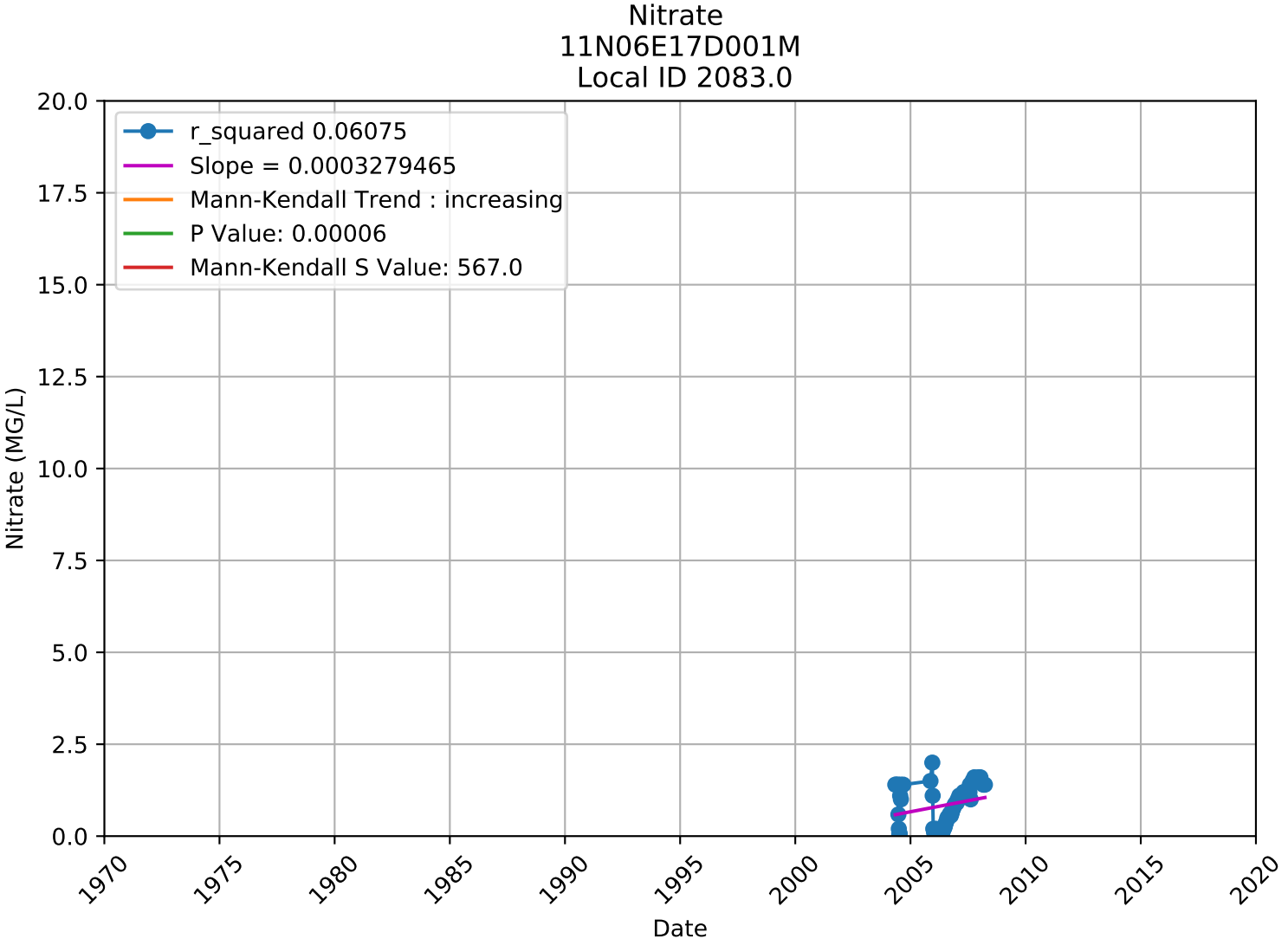
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267	3410001-143	NO3N	FALSE	0.452	5	0.333	no trend	28.3	0.75	7/9/1990	5/16/2000	38.701228	-121.371968
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213	3410001-145	NO3N	FALSE	0.879	5	0.033	no trend	695	0.15	3/25/2002	7/10/2019	38.67526	-121.379573
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117	3410002-002	NO3N	TRUE	0.028	-95	-0.317	decreasing	1832.3	-2.2	7/17/1990	8/13/2019	38.583333	-121.366667
28	3410002-007	NO3N	FALSE	0.884	8	0.023	no trend	2300	0.15	7/17/1990	2/4/2019	38.566667	-121.4
9	3410002-009	NO3N	FALSE	0.806	-2	-0.2	no trend	16.7	-0.24	8/2/1989	6/17/1999	38.566667	-121.4
10	3410002-012	NO3N	FALSE	0.429	-37	-0.105	no trend	2071.7	-0.79	7/17/1990	8/13/2019	38.566667	-121.416667
17	3410002-013	NO3N	FALSE	0.313	-47	-0.134	no trend	2079.7	-1.01	7/17/1990	2/4/2019	38.583333	-121.416667
249	3410002-014	NO3N	TRUE	0.002	-150	-0.427	decreasing	2300	-3.11	1/19/1993	5/13/2019	38.583333	-121.366667
152	3410003-001	NO3N	FALSE	0.877	11	0.021	no trend	4155	0.16	9/5/1990	2/6/2019	38.587545	-121.385145
153	3410003-002	NO3N	TRUE	0.022	111	0.316	increasing	2299	2.29	4/11/1986	1/8/2019	38.582537	-121.383219
245	3410003-004	NO3N	FALSE	0.166	29	0.276	no trend	408.3	1.39	9/19/1990	7/11/2007	38.587611	-121.392074
162	3410003-005	NO3N	TRUE	0.028	95	0.317	increasing	1832.3	2.2	4/2/1987	1/8/2019	38.591017	-121.384139
251	3410003-006	NO3N	TRUE	0.002	126	0.457	increasing	1623.3	3.1	4/2/1987	1/8/2019	38.59211	-121.387633
238	3410003-008	NO3N	TRUE	0	189	0.582	increasing	2058.3	4.14	4/2/1987	1/8/2019	38.600074	-121.391973
74	3410004-001	NO3N	FALSE	0.1	28	0.359	no trend	268.7	1.65	2/7/1995	2/3/2004	38.645432	-121.313067
83	3410004-004	NO3N	FALSE	0.082	89	0.235	no trend	2561	1.74	2/19/1991	7/28/2011	38.64988	-121.30798
175	3410004-005	NO3N	FALSE	1	-1	-0.036	no trend	64.3	0	3/1/1991	10/4/2001	38.633333	-121.35
172	3410004-006	NO3N	TRUE	0.044	-317	-0.179	decreasing	24568.3	-2.02	8/1/1990	3/7/2019	38.622744	-121.335704
6	3410004-007	NO3N	FALSE	0.495	12	0.154	no trend	260	0.68	8/1/1990	10/23/2002	38.594673	-121.334606
150	3410004-009	NO3N	FALSE	0.773	44	0.027	no trend	22182	0.29	2/19/1991	3/7/2019	38.619652	-121.333354
261	3410004-016	NO3N	FALSE	0.142	161	0.149	no trend	11883.7	1.47	5/8/1987	6/7/2018	38.645576	-121.306819
248	3410004-020	NO3N	TRUE	0	214	0.46	increasing	3460.7	3.62	4/25/2002	6/7/2018	38.641845	-121.315446
139	3410004-021	NO3N	FALSE	0.776	-32	-0.03	no trend	11885.3	-0.28	4/23/2002	3/7/2019	38.604804	-121.342252
290	3410006-001	NO3N	FALSE	1	0	0	no trend	948	0	12/20/1990	11/14/2018	38.661305	-121.292607
207	3410006-007	NO3N	FALSE	1	0	0	no trend	8.7	0	8/2/1990	1/21/1998	38.705556	-121.308333
198	3410006-008	NO3N	FALSE	0.383	34	0.134	no trend	1430.7	0.87	12/6/1990	1/24/2019	38.679425	-121.289154
98	3410006-010	NO3N	FALSE	0.868	4	0.044	no trend	324	0.17	6/24/2004	4/12/2018	38.698638	-121.269673
130	3410007-001	NO3N	FALSE	0.102	34	0.324	no trend	407.3	1.64	4/10/1992	6/24/2010	38.613787	-121.367811
229	3410007-002	NO3N	TRUE	0.006	111	0.402	increasing	1619.7	2.73	1/23/1995	8/7/2019	38.613607	-121.371676
216	3410007-003	NO3N	FALSE	0.367	33	0.143	no trend	1257.7	0.9	2/19/1991	9/11/2018	38.606352	-121.369707
269	3410007-004	NO3N	FALSE	0.073	73	0.264	no trend	1607.7	1.8	1/23/1995	8/6/2019	38.607768	-121.374083
77	3410007-005	NO3N	TRUE	0.004	116	0.42	increasing	1620.7	2.86	1/23/1995	8/6/2019	38.61458	-121.378552
142	3410007-006	NO3N	FALSE	0.68	11	0.081	no trend	588.3	0.41	1/23/1995	3/8/2012	38.60731	-121.364767
195	3410007-007	NO3N	FALSE	0.068	70	0.277	no trend	1430	1.82	1/23/1995	8/6/2019	38.606531	-121.380719
253	3410007-008	NO3N	FALSE	0.08	76	0.253	no trend	1831.3	1.75	1/26/1993	8/13/2019	38.613172	-121.380739
166	3410009-001	NO3N	FALSE	0.436	-8	-0.178	no trend	80.7	-0.78	1/28/1993	6/16/2004	38.643048	-121.268528
100	3410009-003	NO3N	FALSE	0.707	3	0.2	no trend	28.3	0.38	11/9/1988	2/8/2000	38.666667	-121.216667
105	3410009-004	NO3N	TRUE	0.009	81	0.426	increasing	935.7	2.62	8/2/1990	12/6/2007	38.651282	-121.255173
78	3410009-005	NO3N	FALSE	0.449	13	0.167	no trend	251	0.76	2/28/1991	3/17/2005	38.650805	-121.286999
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234	3410009-007	NO3N	FALSE	0.054	-172	-0.21	no trend	7886	-1.93	7/19/1989	5/2/2019	38.651297	-121.296666
217	3410009-008	NO3N	FALSE	0.337	52	0.128	no trend	2818	0.96	8/16/1990	6/29/2007	38.662066	-121.265396
164	3410009-010	NO3N	TRUE	0	-589	-0.322	decreasing	25779	-3.66	11/7/1991	5/2/2019	38.659628	-121.25556
93	3410013-001	NO3N	FALSE	0.358	50	0.123	no trend	2842	0.92	10/7/1992	8/6/2019	38.694922	-121.332628
159	3410013-002	NO3N	FALSE	0.117	84	0.207	no trend	2804	1.57	2/18/1992	8/6/2019	38.69054	-121.34151
51	3410013-003	NO3N	TRUE	0.002	136	0.453	increasing	1831.3	3.15	11/2/1988	8/8/2019	38.683982	-121.31348
240	3410013-004	NO3N	FALSE	0.051	-181	-0.21	no trend	8512.3	-1.95	7/2/1990	8/7/2018	38.699328	-121.295627
178	3410013-005	NO3N	TRUE	0.023	122	0.3	increasing	2838	2.27	7/2/1990	8/6/2019	38.669042	-121.293798
63	3410013-006	NO3N	FALSE	0.227	72	0.155	no trend	3450	1.21	2/11/1992	8/7/2019	38.685052	-121.305855
156	3410013-007	NO3N	FALSE	0.195	50	0.198	no trend	1432.7	1.29	7/2/1990	2/19/2018	38.691478	-121.336784
270	3410013-008	NO3N	TRUE	0.008	128	0.365	increasing	2292.7	2.65	2/13/1991	8/6/2019	38.673506	-121.340002
224	3410013-009	NO3N	FALSE	0.499	-115	-0.059	no trend	28425	-0.68	2/11/1992	8/6/2019	38.695662	-121.29509
92	3410013-010	NO3N	TRUE	0.011	-543	-0.201	decreasing	45915	-2.53	2/11/1992	8/6/2019	38.670117	-121.341406
237	3410013-012	NO3N	TRUE	0.024	127	0.292	increasing	3137	2.25	7/2/1990	8/7/2019	38.66565	-121.302524
223	3410013-013	NO3N	TRUE	0.005	-269	-0.298	decreasing	9126.3	-2.81	2/12/1991	8/7/2019	38.678824	-121.304628
144	3410013-014	NO3N	FALSE	0.117	76	0.217	no trend	2291.3	1.57	2/12/1991	8/6/2019	38.668822	-121.304482
112	3410013-015	NO3N	FALSE	0.295	54	0.143	no trend	2562	1.05	2/18/1992	8/6/2019	38.70124	-121.345319
233	3410013-016	NO3N	TRUE	0	7337	0.413	increasing	755319.7	8.44	2/11/1993	9/10/2019	38.709473	-121.292244
265	3410013-017	NO3N	FALSE	0.054	36	0.396	no trend	330	1.93	2/11/1992	8/24/2006	38.712243	-121.303547
247	3410013-019	NO3N	TRUE	0.001	164	0.434	increasing	2545.3	3.23	7/2/1990	8/6/2019	38.700287	-121.330955
226	3410013-020	NO3N	FALSE	0.533	10	0.11	no trend	208.7	0.62	2/12/1991	8/24/2006	38.716217	-121.294262
88	3410013-021	NO3N	TRUE	0	910	0.366	increasing	40585.3	4.51	2/13/1991	8/6/2019	38.683333	-121.35
232	3410013-022	NO3N	TRUE	0	4775	0.536	increasing	269178.3	9.2	2/18/1992	4/5/2017	38.7124	-121.306829
189	3410013-023	NO3N	TRUE	0	212	0.487	increasing	3140.7	3.77	2/11/1992	8/7/2019	38.695536	-121.313454
66	3410013-024	NO3N	FALSE	0.051	116	0.249	no trend	3460.7	1.95	2/11/1992	8/6/2019	38.680539	-121.31067
220	3410013-025	NO3N	TRUE	0.004	123	0.41	increasing	1832.3	2.85	2/18/1992	8/13/2018	38.718426	-121.313299

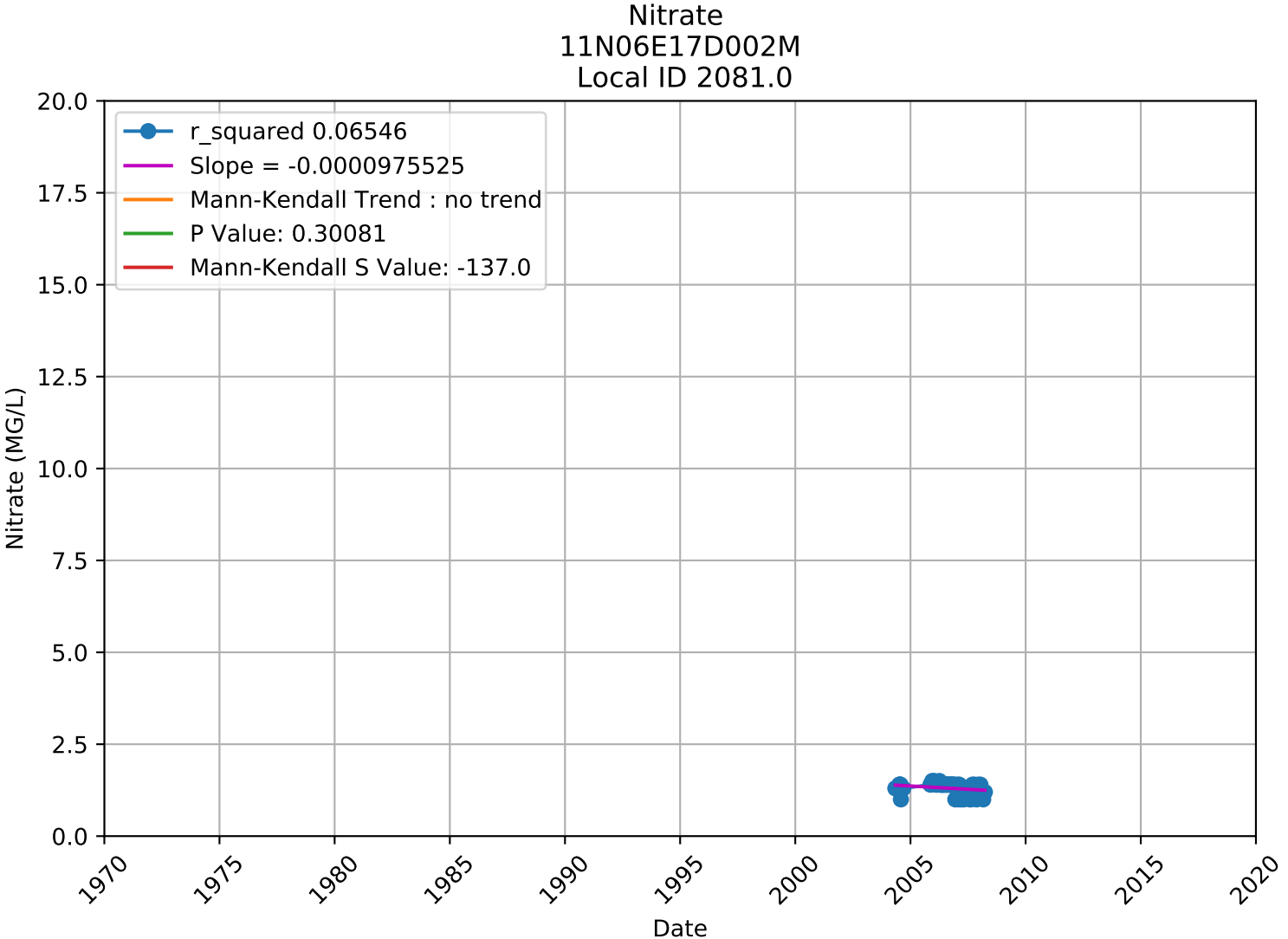
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125	3410016-001	NO3N	FALSE	0.099	25	0.379	no trend	211.7	1.65	1/28/1993	3/22/2007	38.686538	-121.219546
147	3410016-002	NO3N	TRUE	0.023	56	0.412	increasing	584.7	2.27	4/18/1991	12/14/2016	38.694541	-121.210813
126	3410018-005	NO3N	FALSE	0.297	14	0.255	no trend	155.3	1.04	2/28/1991	3/3/2005	38.721801	-121.46774
24	3410020-015	NO3N	FALSE	0.156	32	0.267	no trend	476.7	1.42	1/17/1992	4/3/2017	38.6125	-121.479167
11	3410020-016	NO3N	FALSE	0.139	-28	-0.308	no trend	332.7	-1.48	1/17/1992	1/20/2015	38.616667	-121.479167
293	3410020-017	NO3N	FALSE	0.607	-27	-0.071	no trend	2558.3	-0.51	11/18/1988	7/8/2019	38.62266	-121.477813
84	3410020-018	NO3N	TRUE	0.024	92	0.333	increasing	1623.3	2.26	1/17/1992	2/4/2019	38.627831	-121.477227
292	3410020-021	NO3N	FALSE	0.36	16	0.205	no trend	268.7	0.92	1/21/1992	10/10/2012	38.607083	-121.454779
97	3410020-022	NO3N	FALSE	0.405	23	0.15	no trend	697	0.83	11/18/1988	4/27/2018	38.607305	-121.443097
136	3410020-023	NO3N	FALSE	0.692	-9	-0.086	no trend	408.3	-0.4	1/21/1992	4/20/2018	38.604956	-121.439486
314	3410020-024	NO3N	FALSE	0.234	35	0.205	no trend	815	1.19	11/18/1988	10/10/2012	38.612801	-121.450505
129	3410020-025	NO3N	FALSE	0.076	18	0.5	no trend	92	1.77	1/21/1992	10/9/2008	38.612294	-121.440456
215	3410020-027	NO3N	TRUE	0.022	93	0.337	increasing	1624.3	2.28	1/22/1992	2/4/2019	38.620988	-121.443553
279	3410020-028	NO3N	TRUE	0	231	0.77	increasing	1829.7	5.38	11/18/1988	2/26/2018	38.62044	-121.432285
108	3410020-029	NO3N	FALSE	0.484	18	0.132	no trend	589.3	0.7	1/17/1992	4/20/2018	38.618056	-121.468056
107	3410020-030	NO3N	FALSE	0.894	-6	-0.024	no trend	1396	-0.13	1/17/1992	2/4/2019	38.625119	-121.462605
59	3410020-032	NO3N	FALSE	0.543	-24	-0.095	no trend	1430.7	-0.61	1/16/1991	2/4/2019	38.628503	-121.43627
55	3410020-033	NO3N	TRUE	0.012	73	0.427	increasing	817	2.52	11/16/1988	10/10/2012	38.626808	-121.42959
171	3410020-034	NO3N	TRUE	0.016	104	0.347	increasing	1833.3	2.41	1/16/1991	2/4/2019	38.638412	-121.446721
73	3410020-035	NO3N	FALSE	0.157	58	0.21	no trend	1623.3	1.41	1/16/1991	2/4/2019	38.639934	-121.427293
133	3410020-037	NO3N	FALSE	0.181	58	0.193	no trend	1815.3	1.34	1/16/1991	2/4/2019	38.651207	-121.469509
264	3410020-038	NO3N	FALSE	0.206	52	0.188	no trend	1625.3	1.27	1/16/1991	2/4/2019	38.647475	-121.459256
50	3410020-039	NO3N	FALSE	0.118	16	0.444	no trend	92	1.56	1/22/1992	11/9/2004	38.627595	-121.432917
56	3410020-040	NO3N	FALSE	1	-1	-0.003	no trend	2294.3	0	10/22/1990	2/4/2019	38.629597	-121.420726
278	3410020-041	NO3N	TRUE	0	170	0.523	increasing	2057.3	3.73	1/16/1991	2/4/2019	38.641387	-121.435795
22	3410020-042	NO3N	FALSE	0.893	4	0.033	no trend	493.3	0.14	1/21/1992	3/5/2019	38.596923	-121.458973
294	3410020-044	NO3N	FALSE	0.3	24	0.2	no trend	493.3	1.04	10/16/1990	10/10/2012	38.613996	-121.456155
194	3410020-045	NO3N	FALSE	0.161	61	0.203	no trend	1832.3	1.4	10/19/1990	2/4/2019	38.622276	-121.446858
134	3410020-046	NO3N	TRUE	0.003	98	0.467	increasing	1096.7	2.93	1/22/1992	3/24/2016	38.623116	-121.427024
157	3410020-050	NO3N	FALSE	0.79	8	0.052	no trend	693.3	0.27	1/16/1991	10/15/2015	38.668053	-121.438012
42	3410020-051	NO3N	FALSE	0.432	-27	-0.129	no trend	1093.7	-0.79	1/16/1991	2/4/2019	38.634413	-121.412516
296	3410020-052	NO3N	FALSE	0.795	10	0.043	no trend	1204.7	0.26	3/8/1993	2/4/2019	38.599341	-121.445804
214	3410020-054	NO3N	TRUE	0.013	95	0.375	increasing	1429	2.49	1/21/1992	2/4/2019	38.596324	-121.427308
33	3410020-055	NO3N	FALSE	0.065	-62	-0.295	no trend	1096.7	-1.84	1/17/1992	5/9/2017	38.617636	-121.469304
91	3410020-056	NO3N	TRUE	0.014	100	0.362	increasing	1614.7	2.46	1/12/1994	2/4/2019	38.654657	-121.448564
291	3410020-057	NO3N	FALSE	0.921	-3	-0.029	no trend	403.7	-0.1	1/18/1995	12/27/2018	38.658482	-121.466415
30	3410026-001	NO3N	FALSE	0.242	-5	-0.333	no trend	11.7	-1.17	2/21/1991	5/31/2012	38.58961	-121.429343
7	3410026-002	NO3N	FALSE	0.737	7	0.051	no trend	319.7	0.34	2/21/1991	3/7/2019	38.588266	-121.423478
31	3410026-003	NO3N	FALSE	0.161	-22	-0.183	no trend	224.7	-1.4	2/21/1991	3/7/2019	38.593617	-121.439154
18	3410026-004	NO3N	FALSE	0.132	-14	-0.133	no trend	74.7	-1.5	2/21/1991	3/7/2019	38.593339	-121.432431
206	3410031-001	NO3N	FALSE	0.081	94	0.232	no trend	2831.3	1.75	3/24/1988	8/7/2019	38.720833	-121.358333
190	3410031-002	NO3N	FALSE	0.44	38	0.108	no trend	2300	0.77	9/10/1993	8/6/2019	38.717222	-121.3575
94	3410031-003	NO3N	TRUE	0.014	99	0.359	increasing	1597	2.45	2/12/1991	8/6/2019	38.7	-121.383333
221	3410031-004	NO3N	TRUE	0.004	161	0.37	increasing	3124.3	2.86	10/29/1987	8/8/2019	38.718056	-121.382222
61	3410031-005	NO3N	TRUE	0	159	0.53	increasing	1805	3.72	2/26/1992	8/24/2016	38.716667	-121.4
160	3410031-006	NO3N	TRUE	0.001	162	0.429	increasing	2557.3	3.18	11/2/1988	8/6/2019	38.708333	-121.383611
2073	3410031-007	NO3N	TRUE	0.003	158	0.389	increasing	2834.7	2.95	2/12/1991	8/8/2019	38.733333	-121.35
2056	3410031-008	NO3N	FALSE	0.53	76	0.062	no trend	14288	0.63	10/7/1992	8/8/2019	38.733333	-121.35
208	3410031-009	NO3N	FALSE	0.089	-87	-0.23	no trend	2549.7	-1.7	1/15/1992	8/6/2019	38.715278	-121.378056
72	3410031-010	NO3N	FALSE	0.104	-79	-0.225	no trend	2297	-1.63	9/10/1993	8/8/2019	38.705	-121.365556
289	3410031-011	NO3N	FALSE	0.154	89	0.179	no trend	3801.7	1.43	6/21/1990	8/7/2018	38.726944	-121.3825
135	3410031-012	NO3N	TRUE	0.027	74	0.352	increasing	1096.7	2.2	6/12/1992	8/8/2019	38.721111	-121.368611
45	3410031-013	NO3N	TRUE	0.007	151	0.347	increasing	3125	2.68	2/25/1992	8/8/2019	38.711667	-121.413889
54	3410031-014	NO3N	FALSE	0.056	108	0.248	no trend	3138.7	1.91	4/15/1987	8/6/2019	38.716111	-121.408889
95	3410031-015	NO3N	FALSE	0.3	24	0.2	no trend	493.3	1.04	2/11/1993	8/12/2019	38.716667	-121.416667
241	3410031-016	NO3N	TRUE	0	189	0.582	increasing	2013	4.19	7/16/1996	8/6/2019	38.724444	-121.336111
80	3410031-017	NO3N	FALSE	0.396	31	0.134	no trend	1247	0.85	4/30/1998	8/7/2019	38.723056	-121.349722
257	3410031-018	NO3N	TRUE	0.006	-111	-0.402	decreasing	1599	-2.75	1/9/1996	8/8/2019	38.716389	-121.371944
288	3410045-001	NO3N	FALSE	0.293	75	0.126	no trend	4954.3	1.05	2/25/1992	8/7/2019	38.586137	-121.411513
138	3410045-002	NO3N	FALSE	0.403	41	0.117	no trend	2291.7	0.84	2/25/1992	8/7/2019	38.583085	-121.413054
116	3410045-003	NO3N	FALSE	0.617	-25	-0.071	no trend	2299	-0.5	1/21/1993	8/7/2019	38.594423	-121.417465
243	3410045-004	NO3N	FALSE	0.98	-2	-0.007	no trend	1623.3	-0.02	7/3/1990	8/11/2014	38.592566	-121.407256
96	3410045-005	NO3N	FALSE	0.066	94	0.249	no trend	2560	1.84	2/12/1991	8/7/2019	38.600025	-121.410183
35	3410301-001	NO3N	FALSE	0.462	-4	-0.4	no trend	16.7	-0.73	3/9/2005	3/20/2019	38.655029	-121.206869
2074	3910005-049	NO3N	FALSE	0.881	79	0.009	no trend	270133	0.15	6/9/2009	8/6/2019	38.8271	-121.232
2894	5100117-001	NO3N	FALSE	0.734	-2	-0.333	no trend	8.7	-0.34	5/1/1995	12/20/2000	38.89568	-121.56893
2893	5100117-002	NO3N	TRUE	0.011	-68	-0.398	decreasing	696.7	-2.54	5/1/1995	6/21/2017	38.902331	-121.570943
2897	5100117-003	NO3N	TRUE	0.026	-65	-0.342	decreasing	829.7	-2.22	5/1/1995	6/20/2018	38.896068	-121.567281

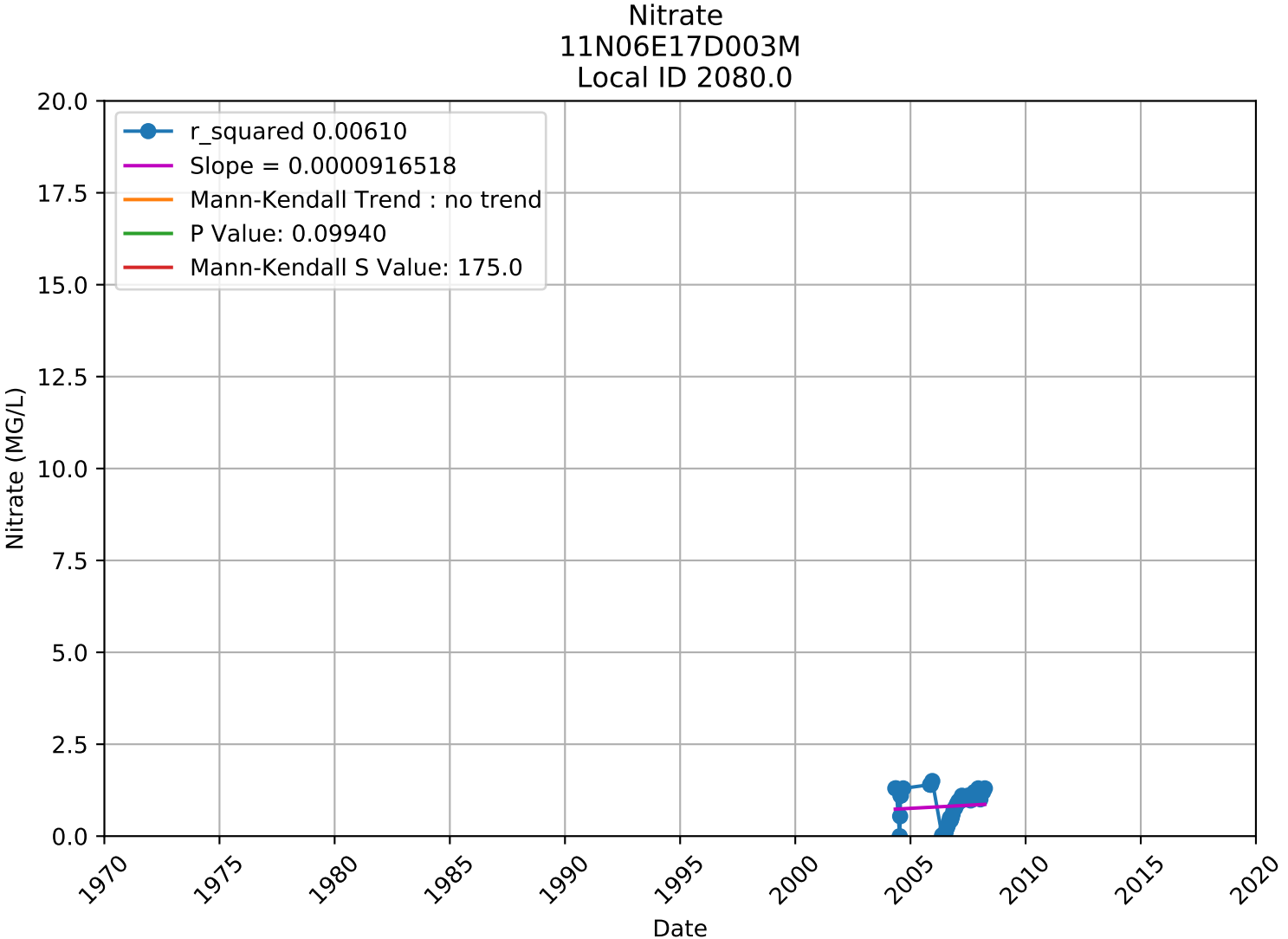
2896	5100117-004	NO3N	FALSE	0.121	-38	-0.279	no trend	568	-1.55	11/5/2002	6/20/2018	38.896379	-121.56981
2913	5100135-001	NO3N	FALSE	0.207	55	0.183	no trend	1829.7	1.26	7/5/1995	7/24/2019	38.911394	-121.544681
2915	5100136-001	NO3N	FALSE	1	0	0	no trend	8.7	0	12/15/1994	11/17/1999	38.911667	-121.525833
2908	5100136-002	NO3N	TRUE	0.028	59	0.386	increasing	697	2.2	11/13/2002	4/17/2019	38.911927	-121.526004
2901	5100138-001	NO3N	TRUE	0.033	109	0.288	increasing	2561	2.13	9/5/1989	1/8/2019	38.947299	-121.524183
2902	5100140-001	NO3N	FALSE	0.651	-11	-0.092	no trend	489.7	-0.45	2/11/1991	5/19/2010	38.911233	-121.542832
2910	5100140-002	NO3N	FALSE	1	0	0	no trend	92	0	7/6/2010	7/24/2019	38.911269	-121.542936
2900	5100143-001	NO3N	FALSE	0.837	4	0.061	no trend	212.7	0.21	2/11/1991	5/18/2005	38.823397	-121.503832
2905	5100143-002	NO3N	FALSE	0.592	-14	-0.103	no trend	589.3	-0.54	9/21/2005	5/15/2019	38.823303	-121.503779
2903	5100153-001	NO3N	FALSE	0.597	21	0.083	no trend	1433.7	0.53	11/21/1994	4/20/2005	38.771748	-121.5251
2904	5100153-002	NO3N	TRUE	0.009	-81	-0.426	decreasing	949	-2.6	3/8/2005	1/8/2019	38.772313	-121.525061
2911	5100159-001	NO3N	FALSE	1	-1	-0.007	no trend	181	0	3/29/1996	1/8/2019	38.784649	-121.617807
2898	5100160-002	NO3N	FALSE	0.798	-7	-0.041	no trend	548.3	-0.26	2/28/2002	1/8/2019	38.778461	-121.601924
2914	5101205-001	NO3N	FALSE	1	-1	-0.018	no trend	165	0	7/5/1995	7/19/2006	38.909988	-121.543625
2912	5103002-001	NO3N	FALSE	0.149	78	0.192	no trend	2842	1.44	7/5/1995	1/12/2017	38.82383	-121.48433
2895	5105002-001	NO3N	TRUE	0.029	-25	-0.275	decreasing	121	-2.18	11/19/2003	7/24/2019	38.881393	-121.60408
2907	5105004-001	NO3N	TRUE	0.003	-121	-0.372	decreasing	1603.7	-3	11/29/2000	6/19/2019	38.777769	-121.52437
2906	5105004-002	NO3N	FALSE	1	0	0	no trend	125	0	10/21/2009	6/19/2019	38.777766	-121.525116
847	T0606700736-U-1	NO3N	FALSE	0.73	4	0.111	no trend	75.3	0.35	4/13/2012	7/24/2014	38.6643785	-121.2619887
1263	T0606700736-U-2	NO3N	FALSE	1	0	0	no trend	92	0	4/13/2012	7/24/2014	38.6644124	-121.2616867
1581	T0606700736-U-3	NO3N	FALSE	0.063	-18	-0.5	no trend	83.3	-1.86	4/13/2012	7/24/2014	38.6643082	-121.261563
775	T0606700736-U-4	NO3N	FALSE	1	0	0	no trend	92	0	4/13/2012	7/24/2014	38.6645843	-121.261931
1237	T0606700736-U-7	NO3N	FALSE	0.142	-15	-0.417	no trend	91	-1.47	4/13/2012	7/24/2014	38.6639123	-121.2616611
1510	T0606700736-U-8	NO3N	FALSE	0.443	8	0.222	no trend	83.3	0.77	4/13/2012	7/24/2014	38.6644205	-121.2623142
1457	T0606700736-U-9	NO3N	FALSE	1	0	0	no trend	92	0	4/13/2012	7/24/2014	38.6651105	-121.2622752
1859	USGS-383746121291101	NO3N	FALSE	0.21	-15	-0.333	no trend	125	-1.25	8/4/1998	8/8/2017	38.6292139	-121.4877028
1860	USGS-384145121184101	NO3N	FALSE	0.754	4	0.111	no trend	92	0.31	8/17/1998	9/4/2012	38.6964	-121.3120389
1868	USGS-384330121293901	NO3N	FALSE	0.592	-7	-0.156	no trend	125	-0.54	8/11/1997	7/10/2017	38.7251167	-121.4954417
2803	USGS-384820121200701	NO3N	FALSE	0.734	-2	-0.333	no trend	8.7	-0.34	7/8/2007	8/7/2007	38.80575	-121.3355278
2804	USGS-384821121200801	NO3N	FALSE	0.466	8	0.222	no trend	92	0.73	8/6/2007	2/28/2008	38.8058333	-121.33575
2802	USGS-384822121200701	NO3N	FALSE	0.308	4	0.667	no trend	8.7	1.02	8/8/2007	8/8/2007	38.8063056	-121.3353889
3034	USGS-385546121312801	NO3N	FALSE	0.806	-2	-0.2	no trend	16.7	-0.24	6/3/1965	10/5/2017	38.92925	-121.5254444
3034	USGS-385546121312801	NO3N	FALSE	0.806	-2	-0.2	no trend	16.7	-0.24	6/3/1965	10/5/2017	38.92925	-121.5254444
3042	USGS-385718121290401	NO3N	FALSE	0.308	4	0.667	no trend	8.7	1.02	5/19/1965	5/20/2008	38.9548956	-121.4855142
3042	USGS-385718121290401	NO3N	FALSE	0.308	4	0.667	no trend	8.7	1.02	5/19/1965	5/20/2008	38.9548956	-121.4855142

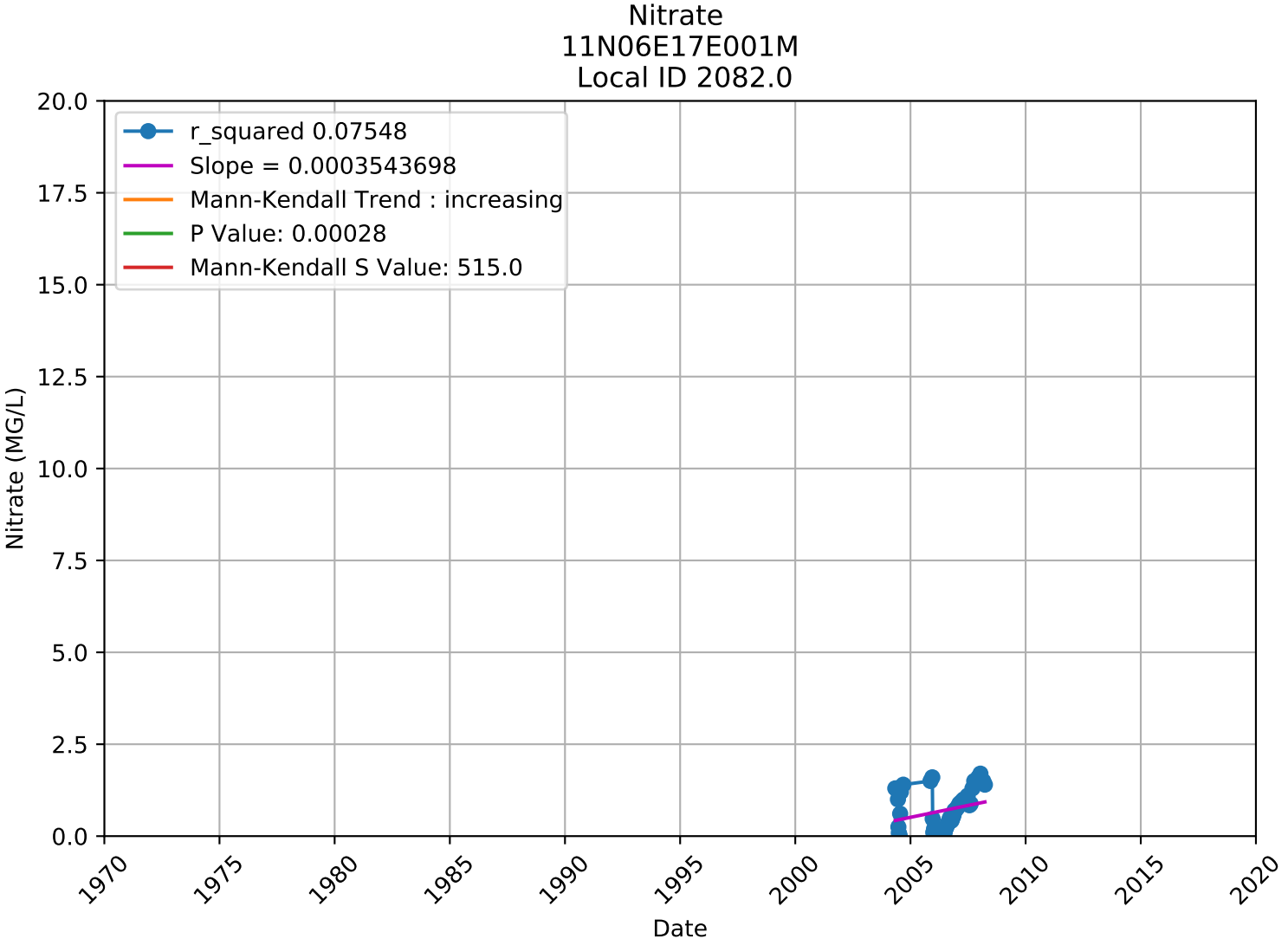

Nitrate
11N03E24D001M
Local ID 2934.0
r_squared 0.48521
Slope = -0.0000041759
Mann-Kendall Trend : no trend
P Value: 0.30818
Mann-Kendall S Value: -4.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
1975
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2005
2010
2015
2020

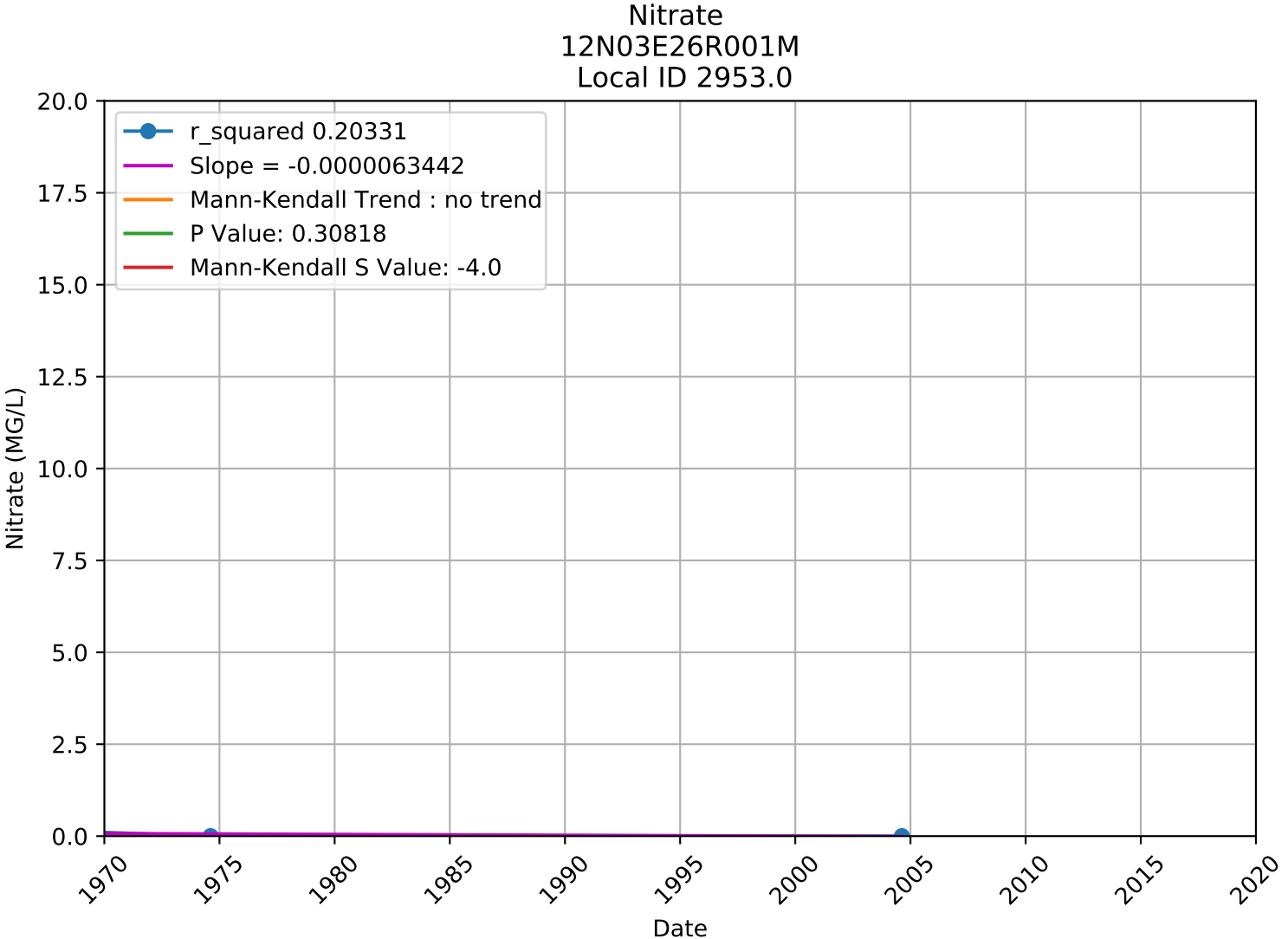

Nitrate
11N04E04R002M
Local ID 2940.0
r_squared 0.03132
Slope = -0.0000191487
Mann-Kendall Trend : no trend
P Value: 0.08943
Mann-Kendall S Value: -6.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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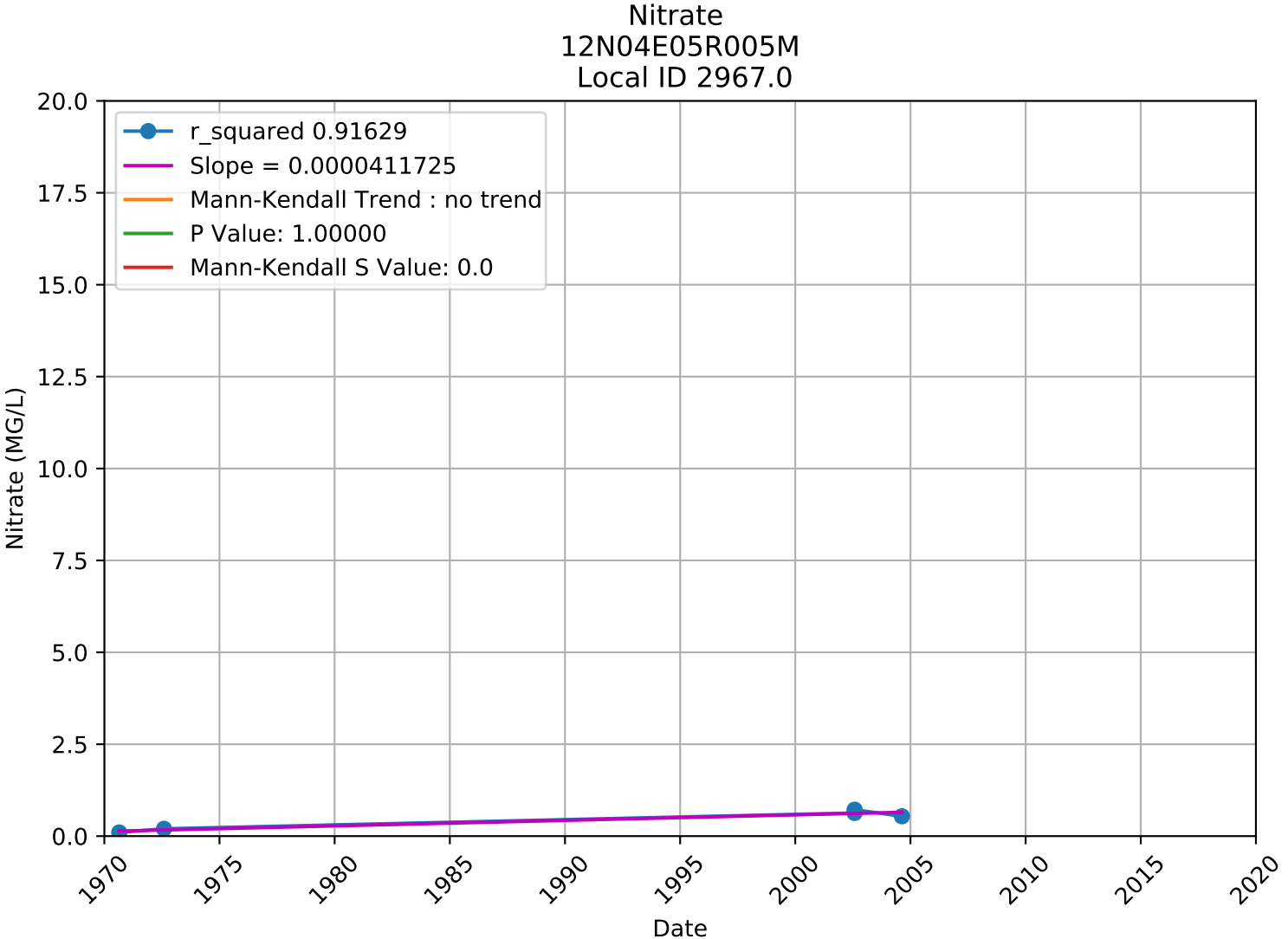

Nitrate
11N06E17D001M
Local ID 2083.0
r_squared 0.06075
Slope = 0.0003279465
Mann-Kendall Trend : increasing
P Value: 0.00006
Mann-Kendall S Value: 567.0
Nitrate (MG/L)
Date
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17.5
15.0
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2.5
0.0
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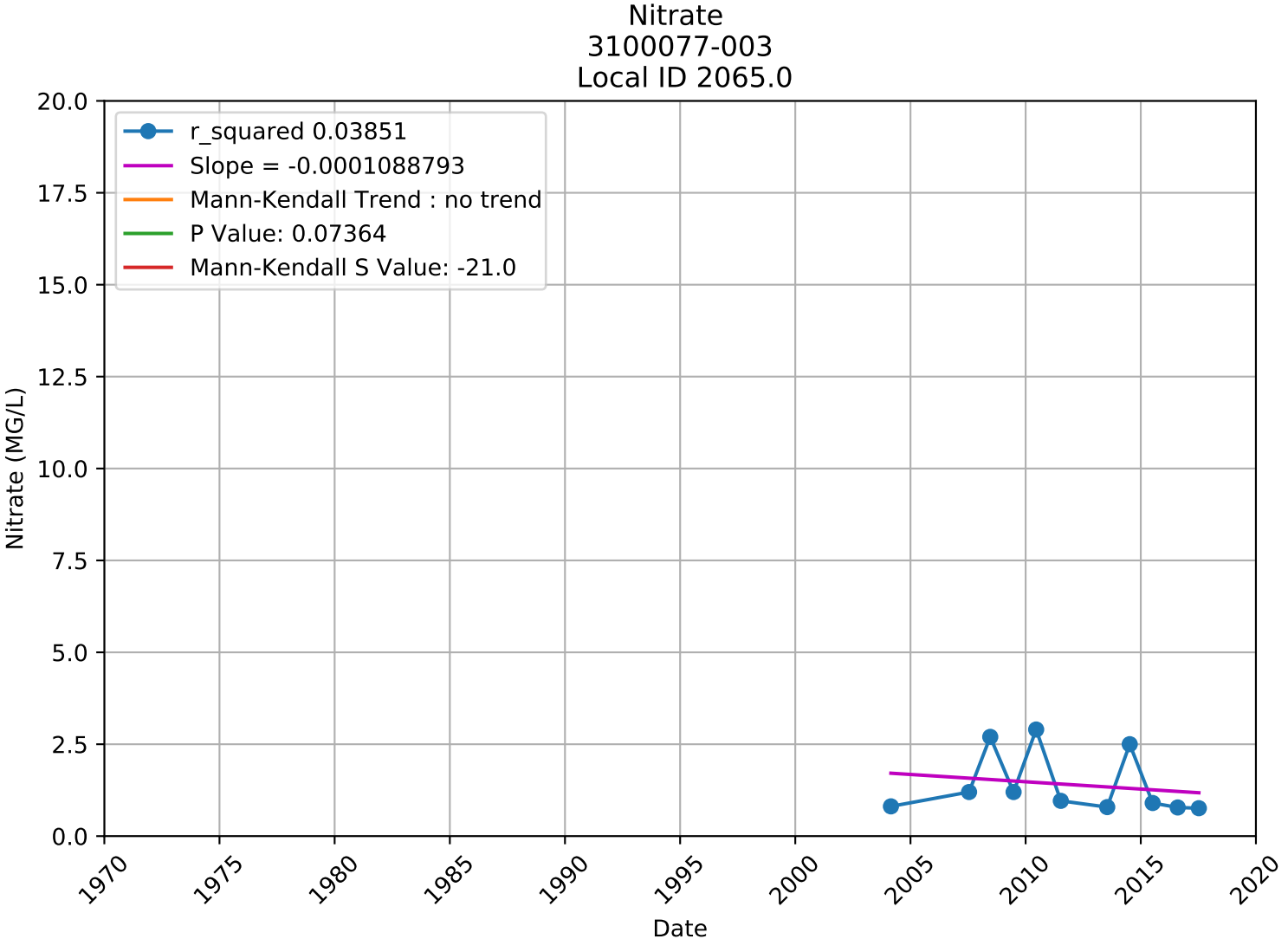

Nitrate
11N06E17D002M
Local ID 2081.0
r_squared 0.06546
Slope = -0.0000975525
Mann-Kendall Trend : no trend
P Value: 0.30081
Mann-Kendall S Value: -137.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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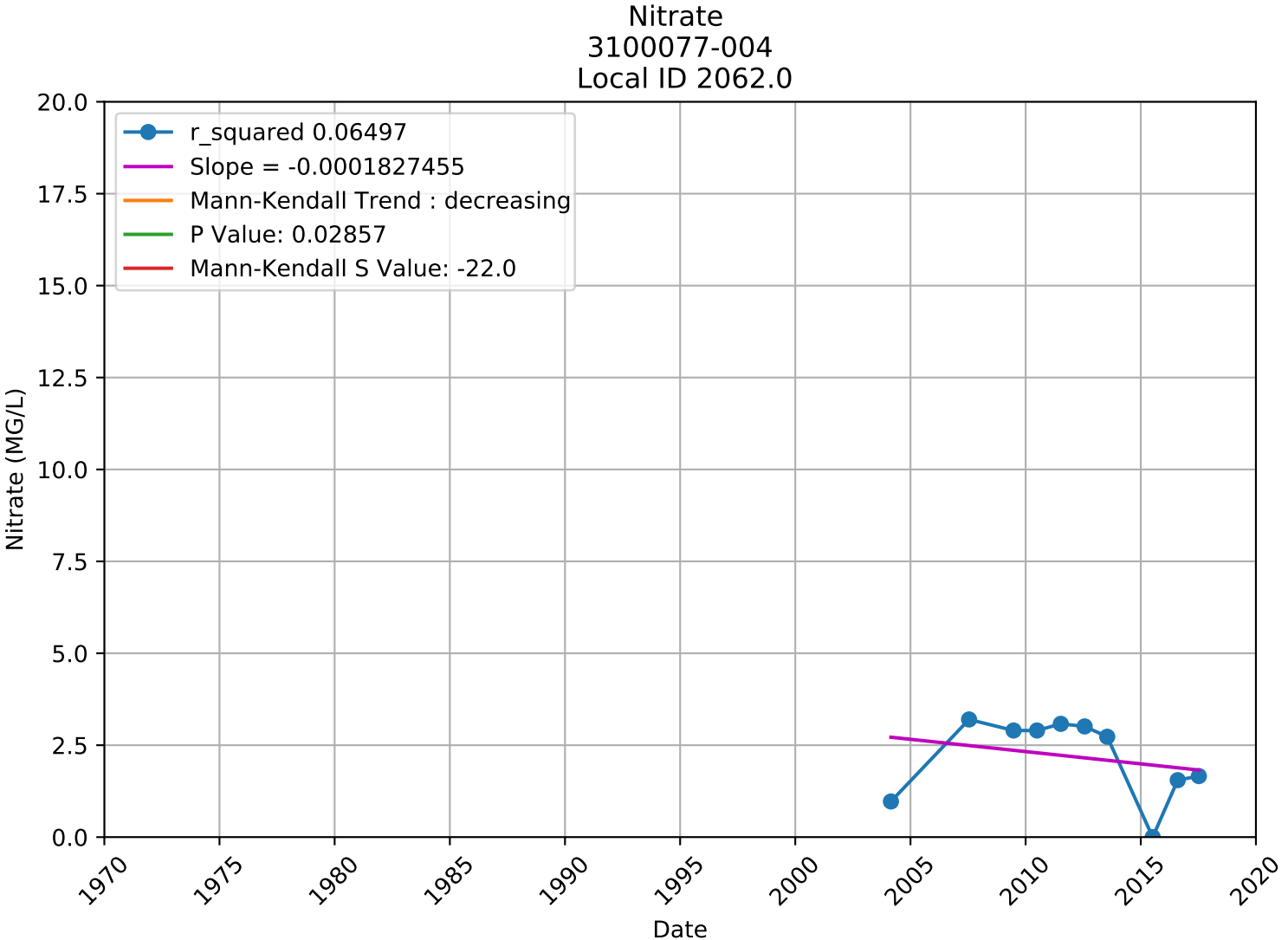

Nitrate
11N06E17D003M
Local ID 2080.0
r_squared 0.00610
Slope = 0.0000916518
Mann-Kendall Trend : no trend
P Value: 0.09940
Mann-Kendall S Value: 175.0
Nitrate (MG/L)
Date
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17.5
15.0
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2.5
0.0
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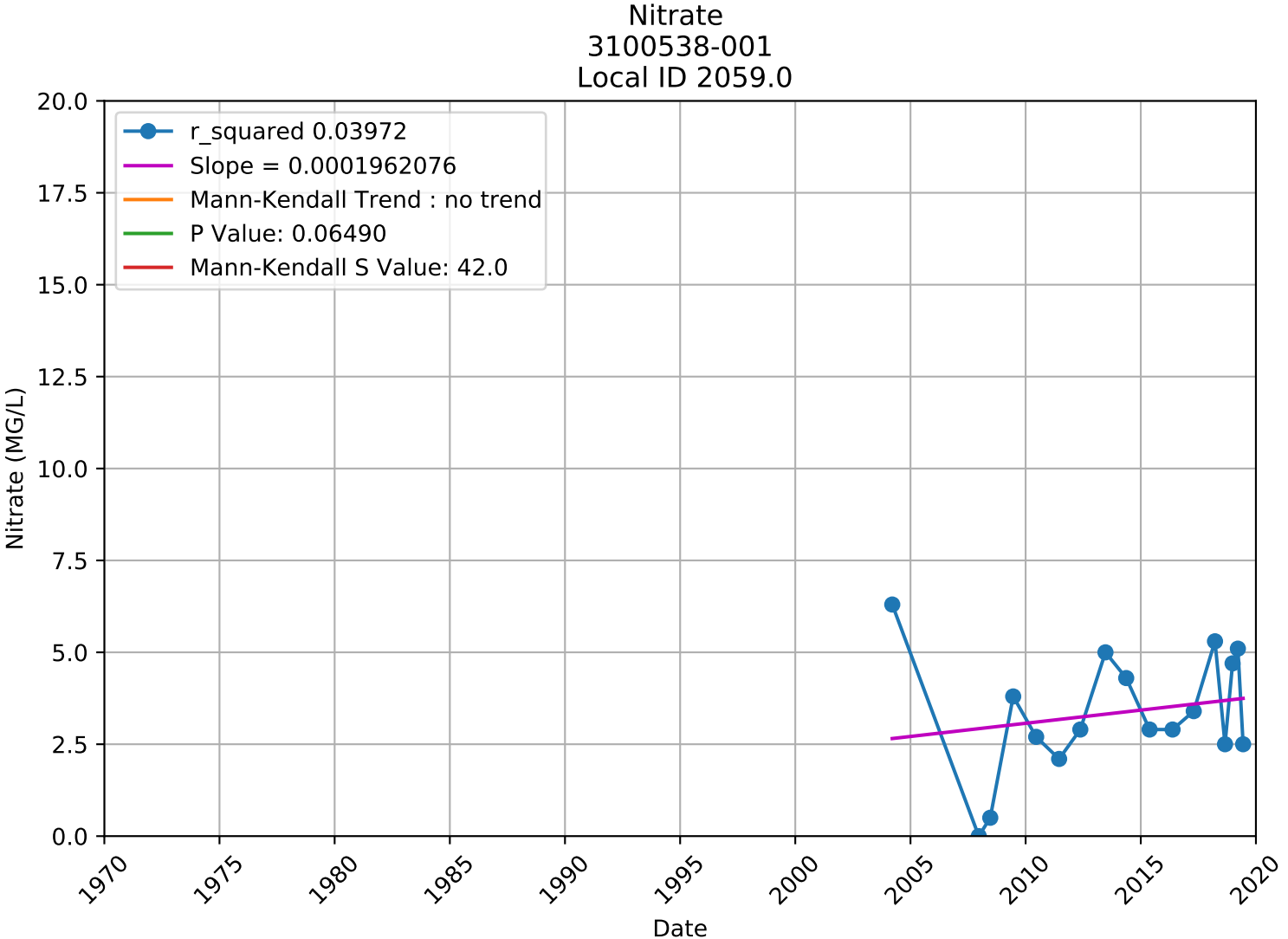

Nitrate
11N06E17E001M
Local ID 2082.0
r_squared 0.07548
Slope = 0.0003543698
Mann-Kendall Trend : increasing
P Value: 0.00028
Mann-Kendall S Value: 515.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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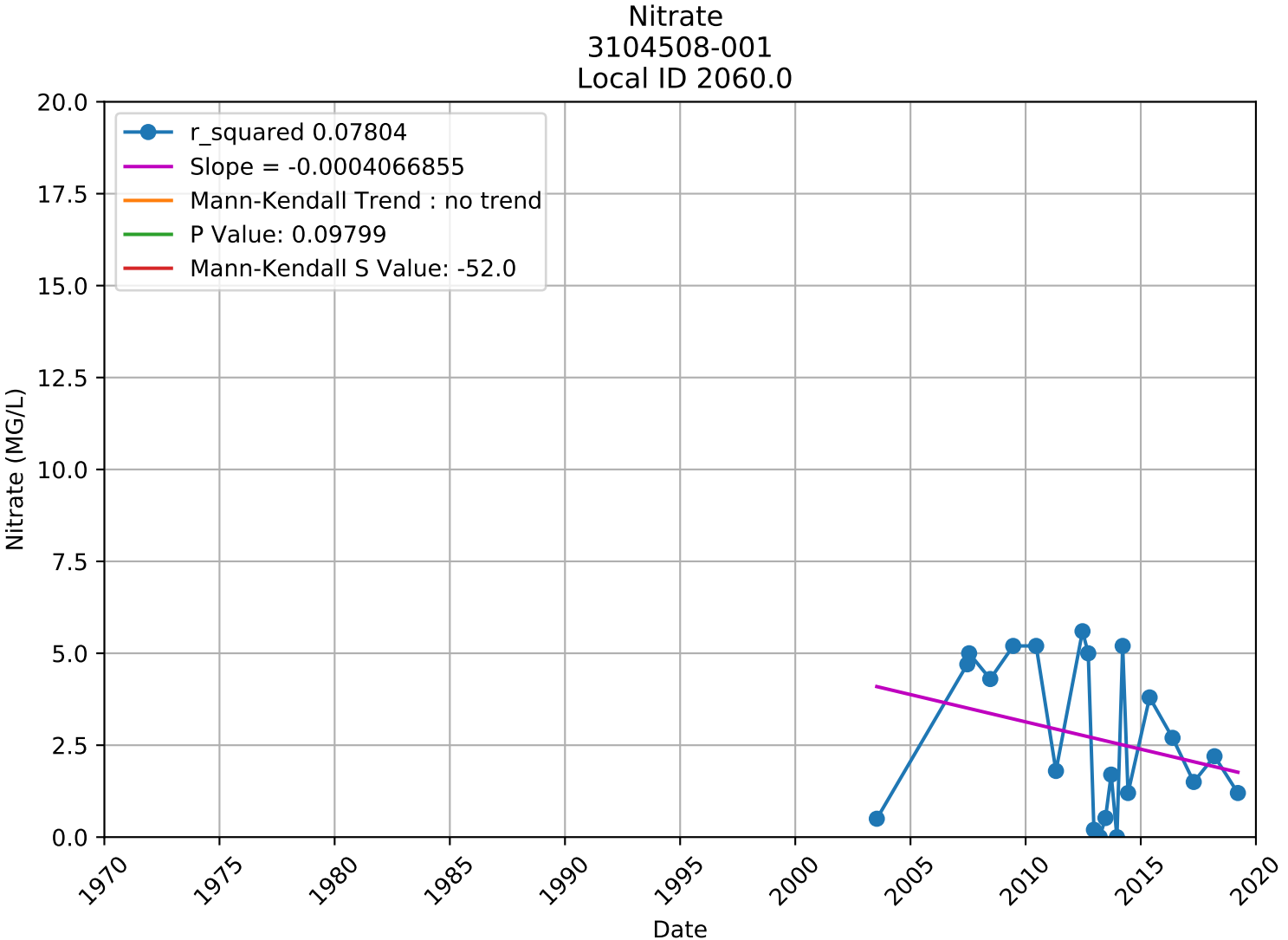

Nitrate
12N03E26R001M
Local ID 2953.0
r_squared 0.20331
Slope = -0.0000063442
Mann-Kendall Trend : no trend
P Value: 0.30818
Mann-Kendall S Value: -4.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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2.5
0.0
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2015
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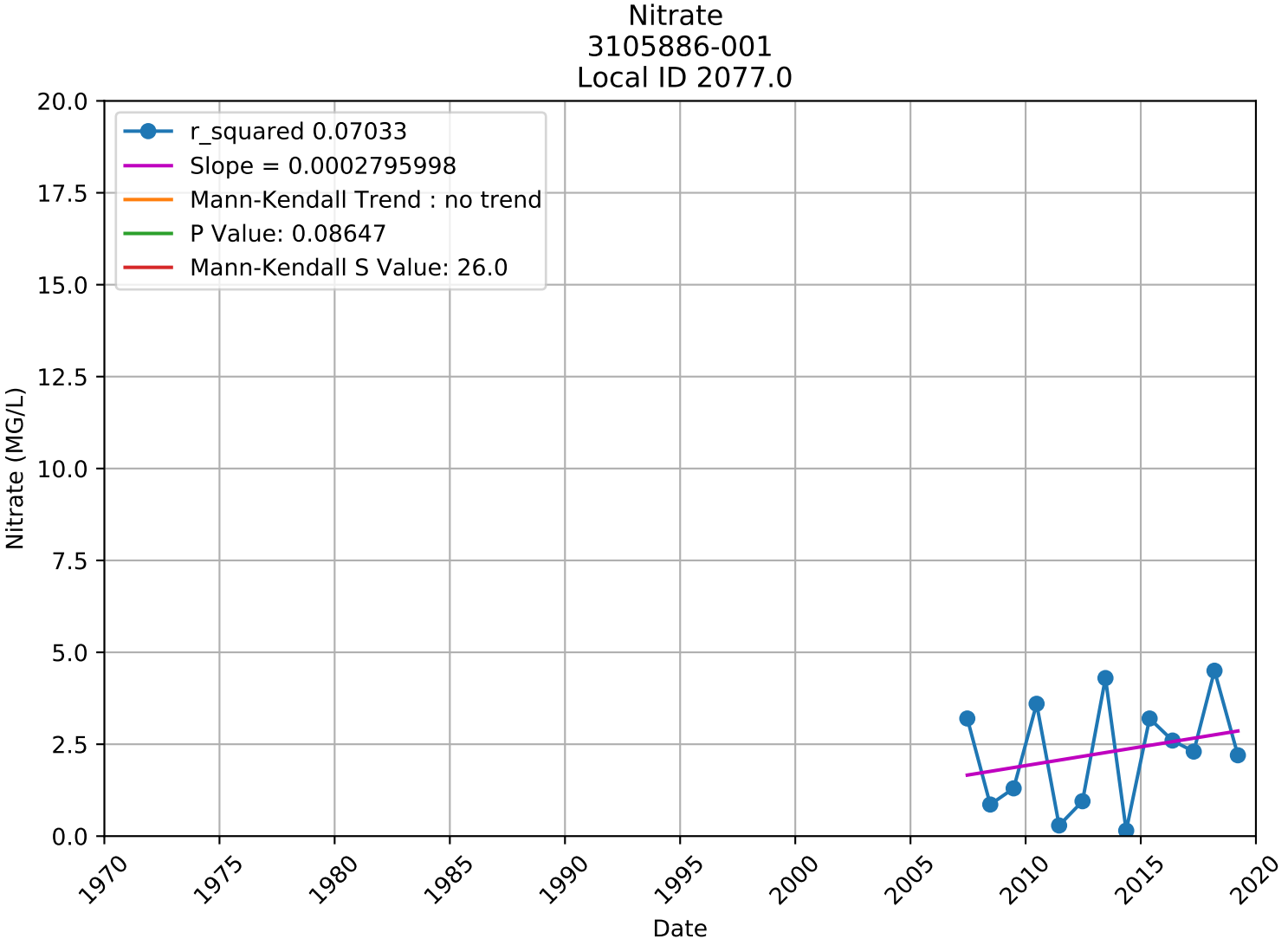

Nitrate
12N04E05R005M
Local ID 2967.0
r_squared 0.91629
Slope = 0.0000411725
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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2.5
0.0
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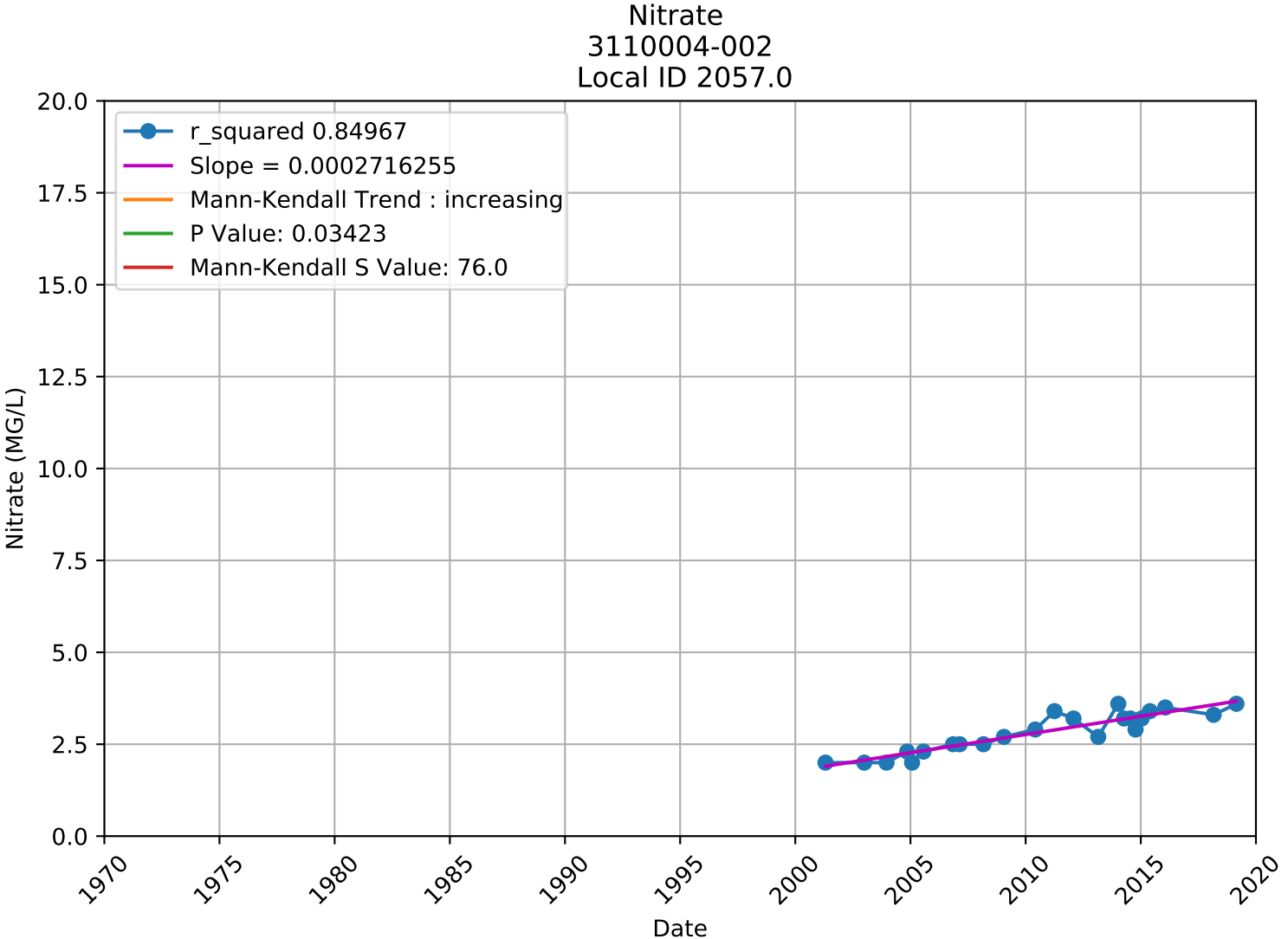

Nitrate
3100077-003
Local ID 2065.0
r_squared 0.03851
Slope = -0.0001088793
Mann-Kendall Trend : no trend
P Value: 0.07364
Mann-Kendall S Value: -21.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
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5.0
2.5
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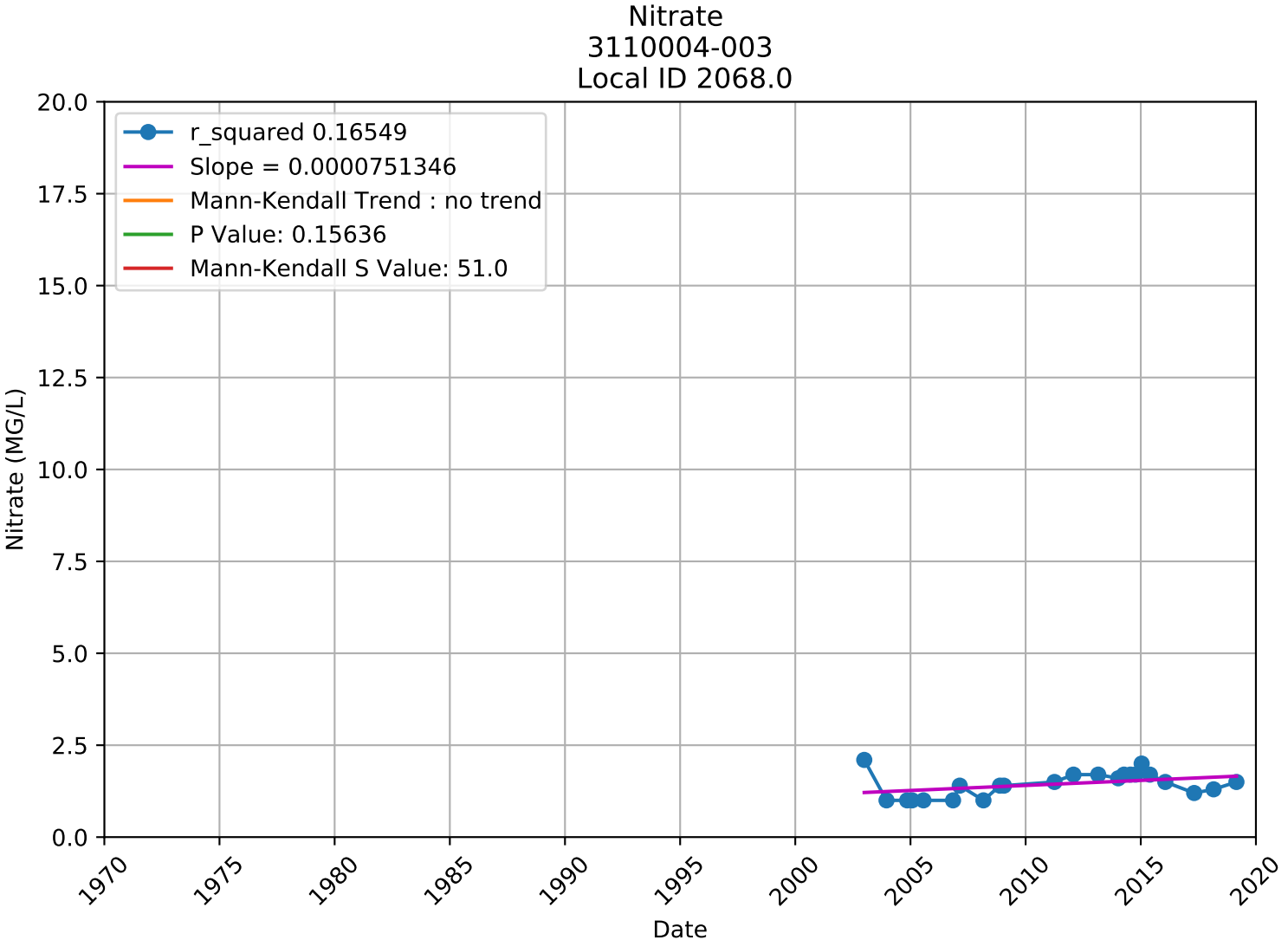

Nitrate
3100077-004
Local ID 2062.0
r_squared 0.06497
Slope = -0.0001827455
Mann-Kendall Trend : decreasing
P Value: 0.02857
Mann-Kendall S Value: -22.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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0.0
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2020

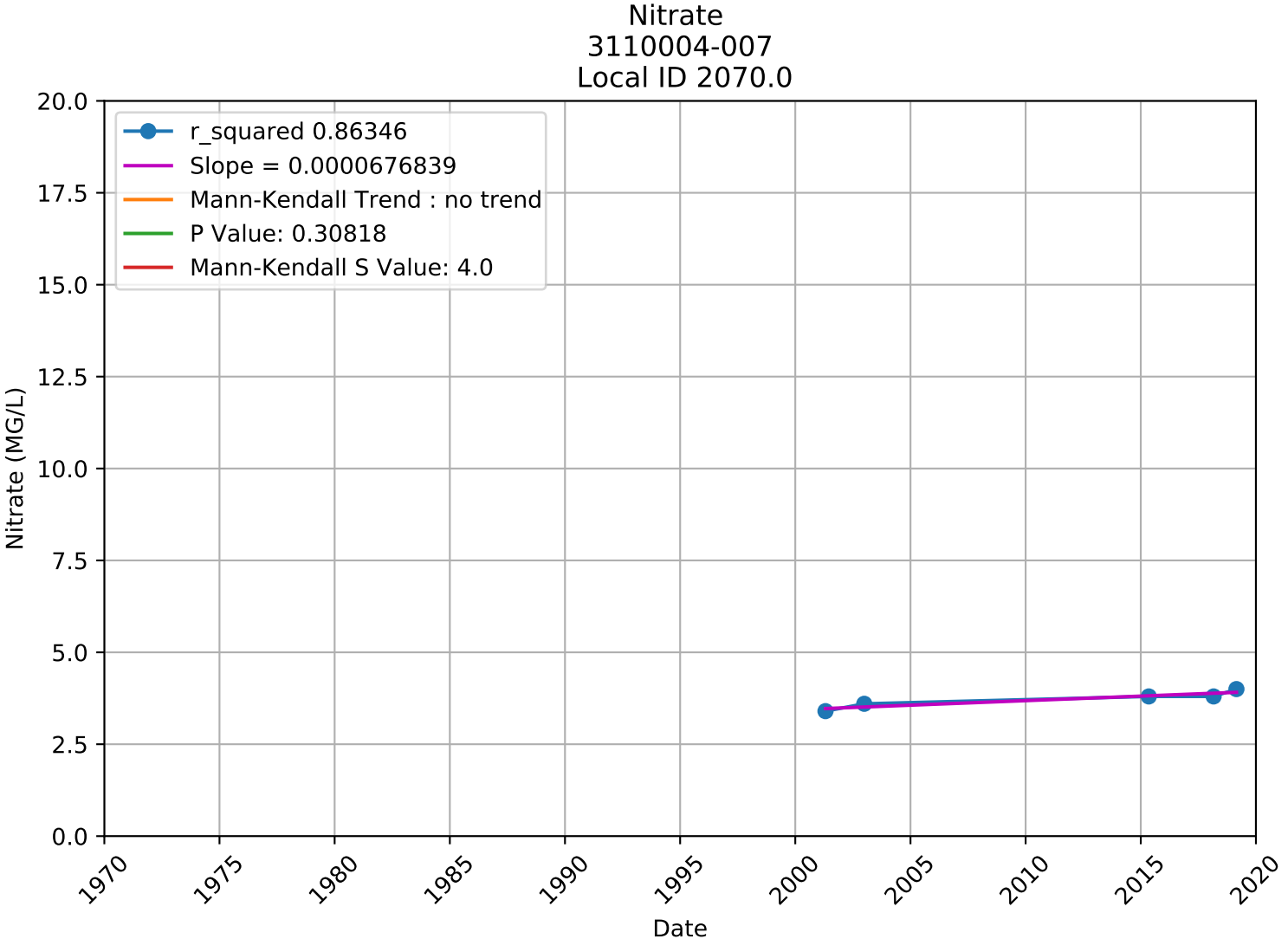

Nitrate
3100538-001
Local ID 2059.0
r_squared 0.03972
Slope = 0.0001962076
Mann-Kendall Trend : no trend
P Value: 0.06490
Mann-Kendall S Value: 42.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
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5.0
2.5
0.0
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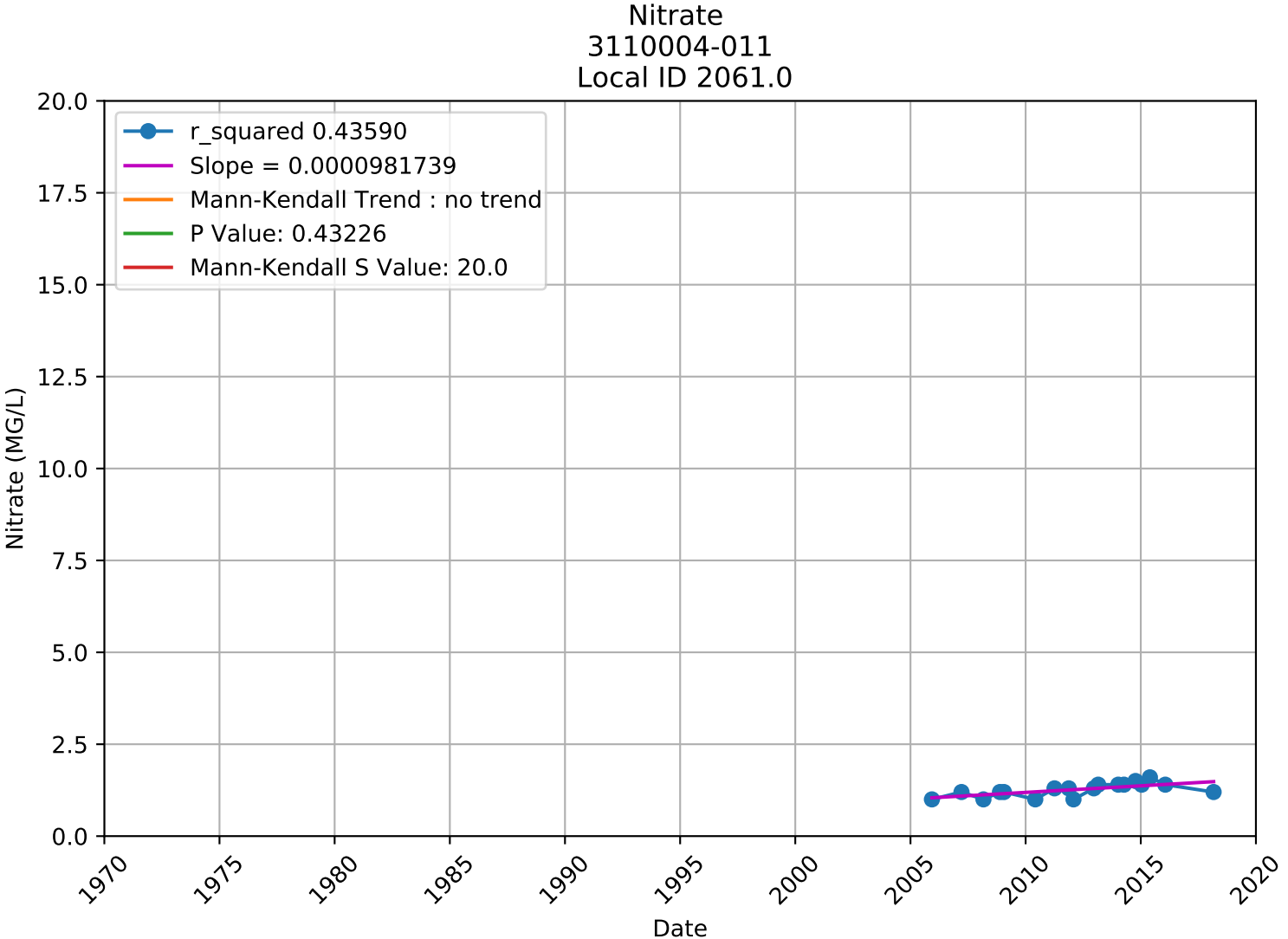

Nitrate
3104508-001
Local ID 2060.0
r_squared 0.07804
Slope = -0.0004066855
Mann-Kendall Trend : no trend
P Value: 0.09799
Mann-Kendall S Value: -52.0
Nitrate (MG/L)
Date
20.0
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15.0
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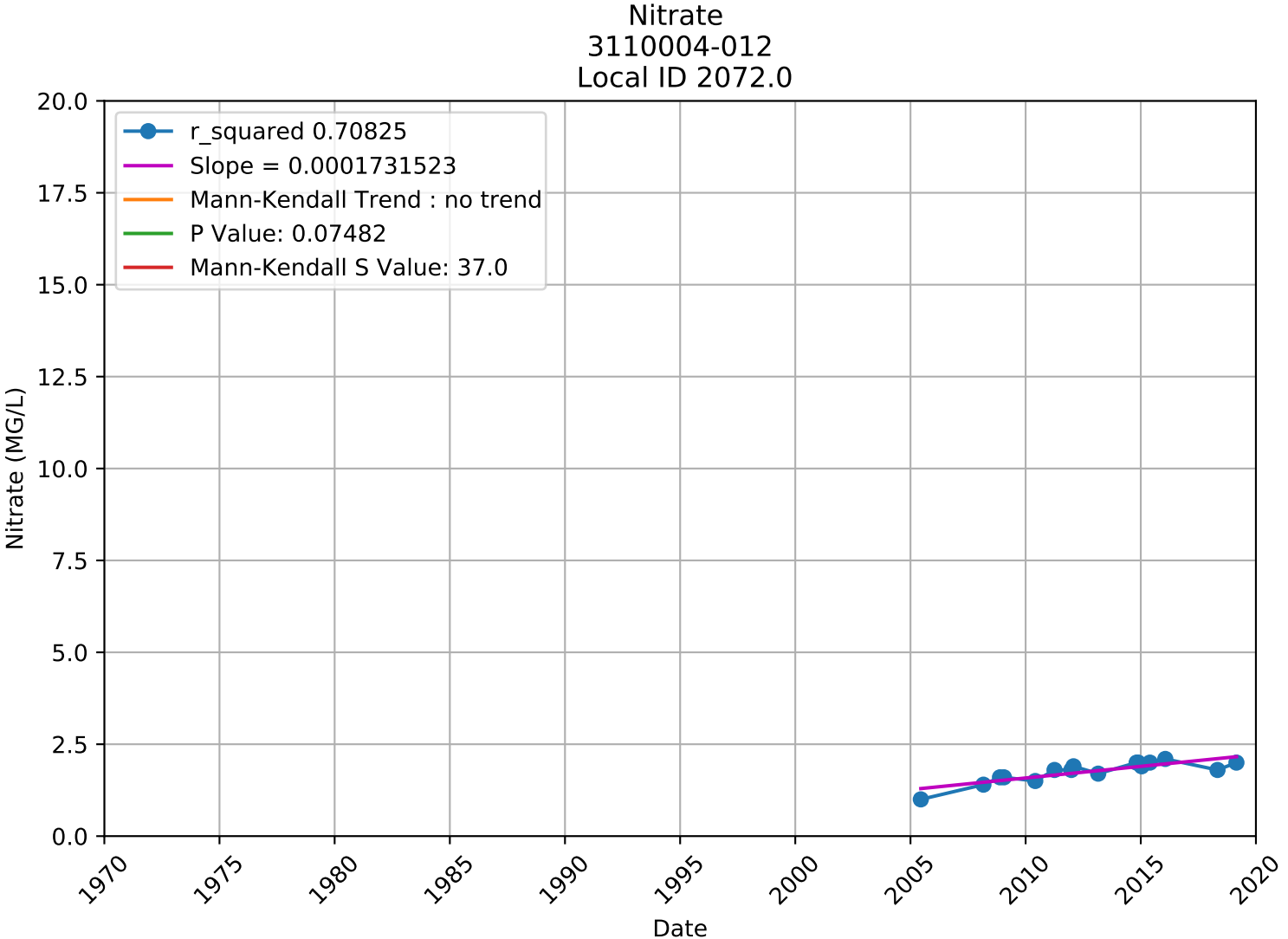

Nitrate
3105886-001
Local ID 2077.0
r_squared 0.07033
Slope = 0.0002795998
Mann-Kendall Trend : no trend
P Value: 0.08647
Mann-Kendall S Value: 26.0
Nitrate (MG/L)
Date
20.0
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15.0
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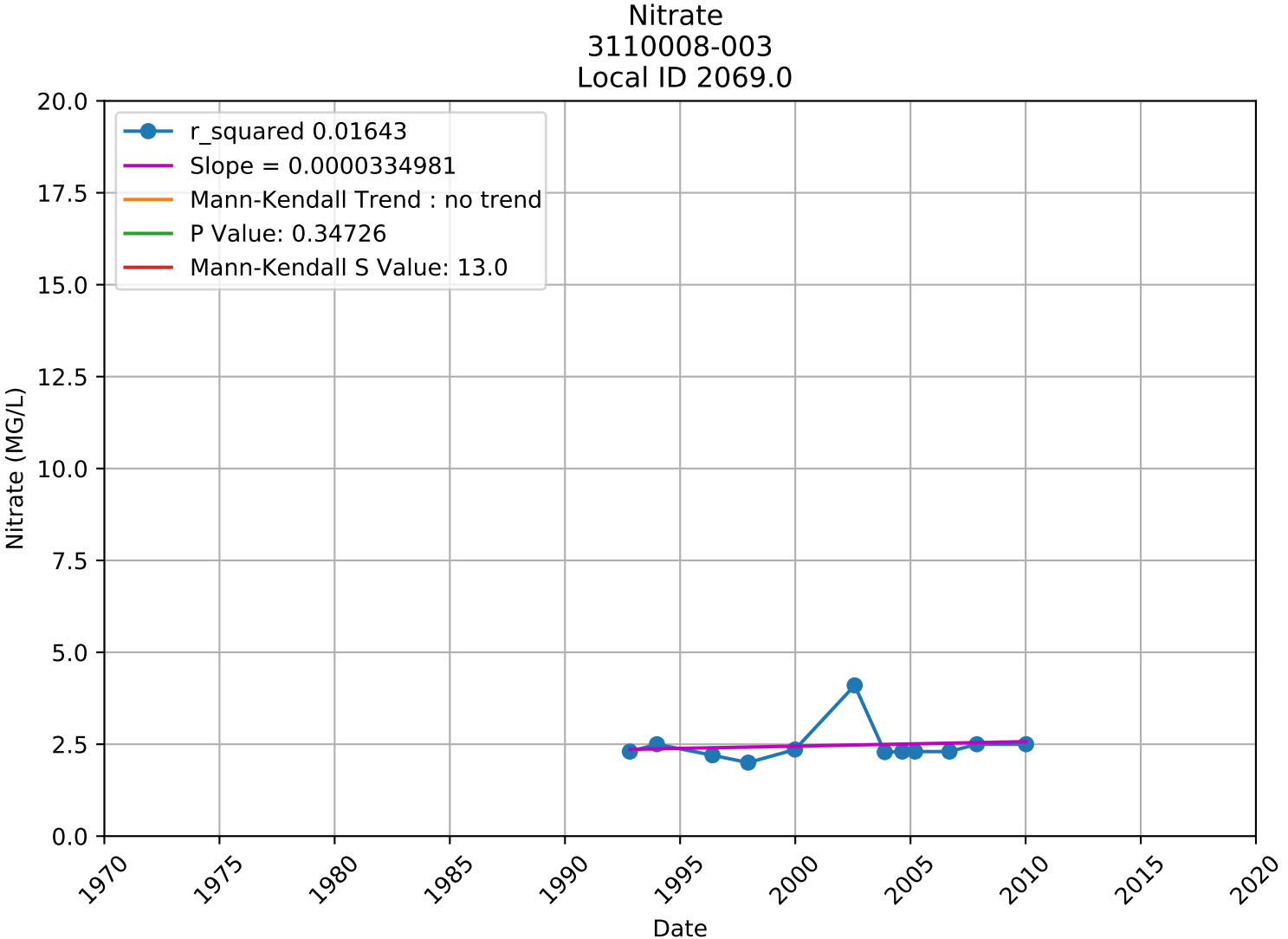

Nitrate
3110004-002
Local ID 2057.0
r_squared 0.84967
Slope = 0.0002716255
Mann-Kendall Trend : increasing
P Value: 0.03423
Mann-Kendall S Value: 76.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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2.5
0.0
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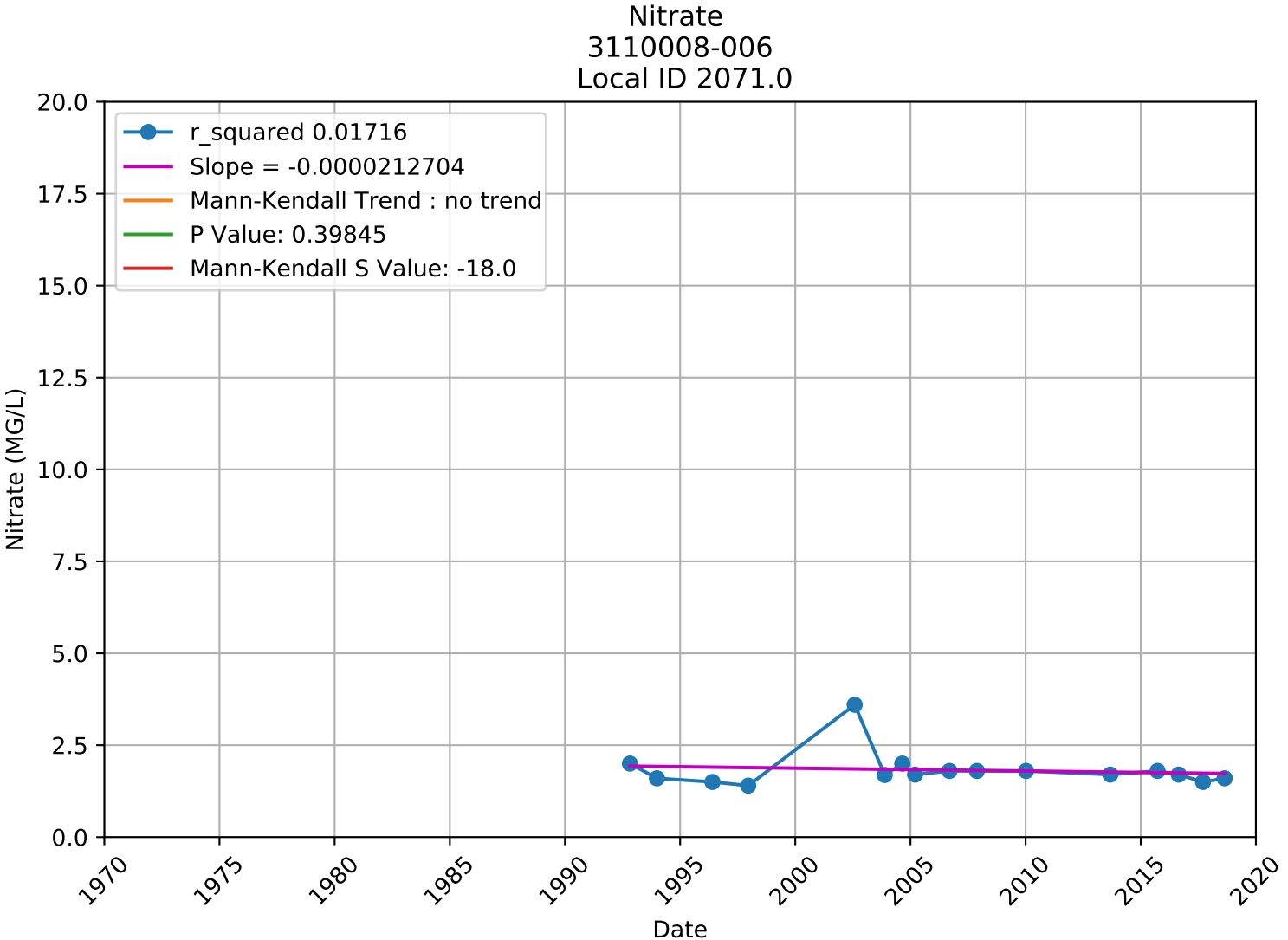

Nitrate
3110004-003
Local ID 2068.0
r_squared 0.16549
Slope = 0.0000751346
Mann-Kendall Trend : no trend
P Value: 0.15636
Mann-Kendall S Value: 51.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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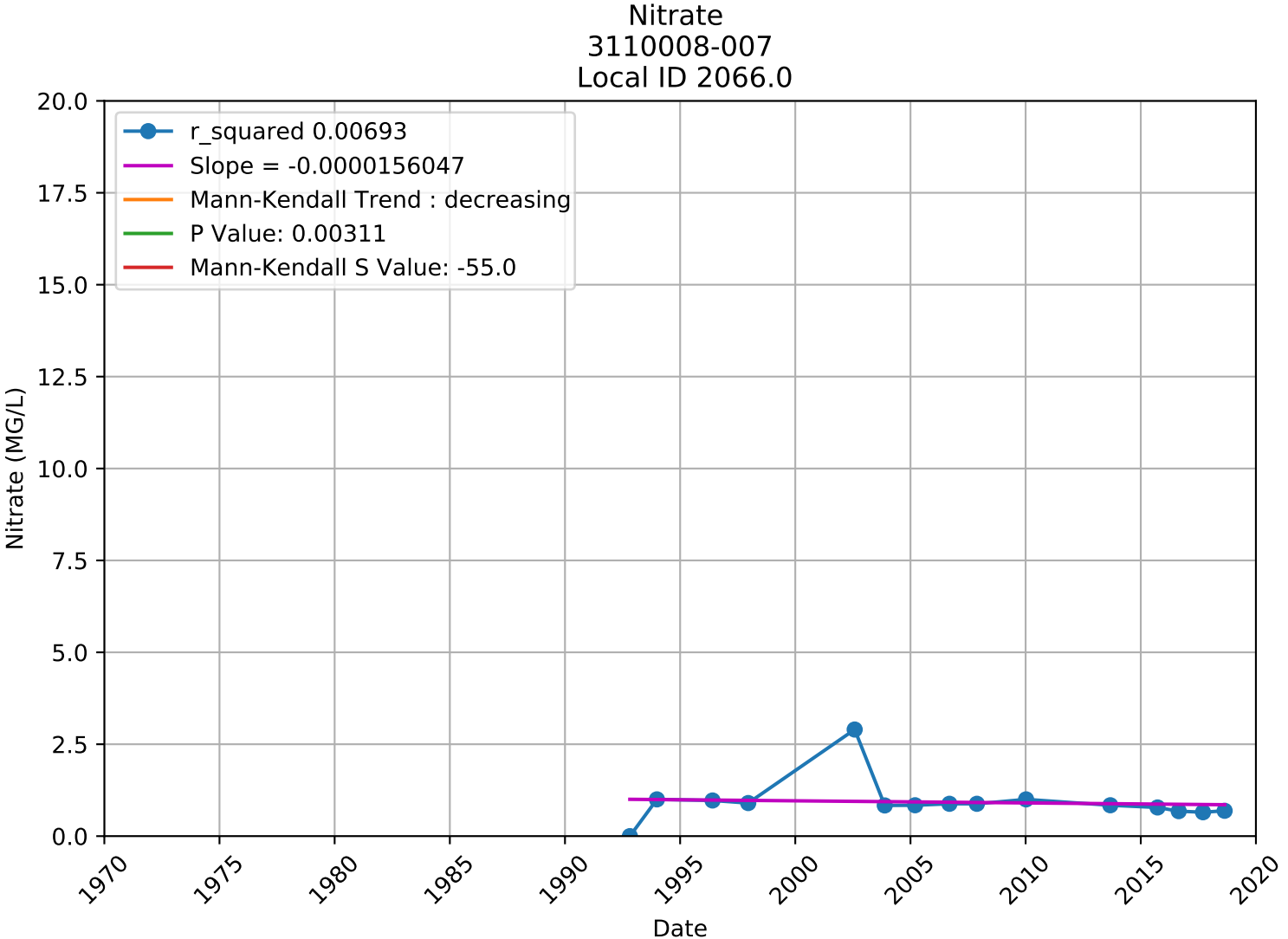

Nitrate
3110004-007
Local ID 2070.0
r_squared 0.86346
Slope = 0.0000676839
Mann-Kendall Trend : no trend
P Value: 0.30818
Mann-Kendall S Value: 4.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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2.5
0.0
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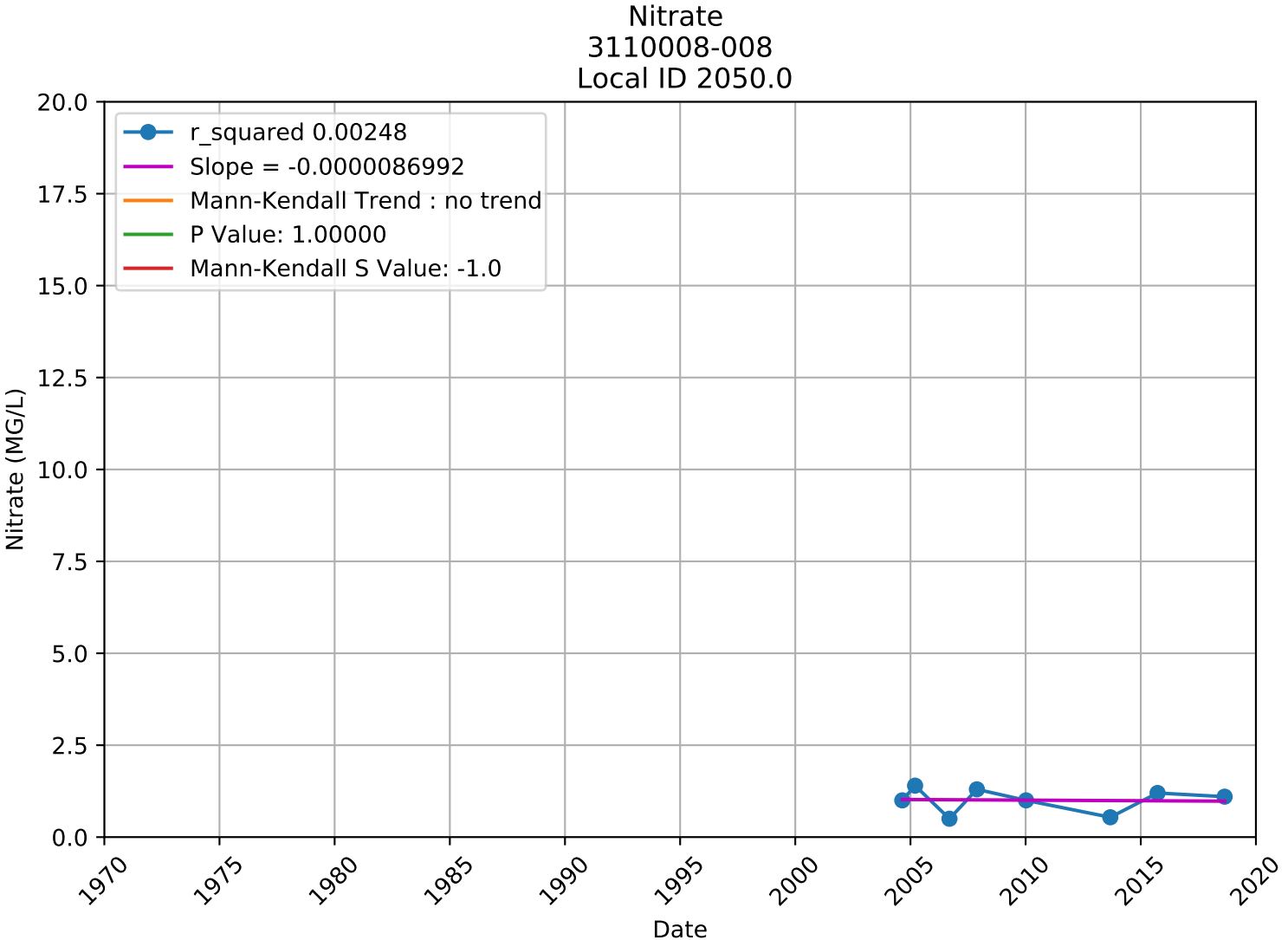

Nitrate
3110004-011
Local ID 2061.0
r_squared 0.43590
Slope = 0.0000981739
Mann-Kendall Trend : no trend
P Value: 0.43226
Mann-Kendall S Value: 20.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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5.0
2.5
0.0
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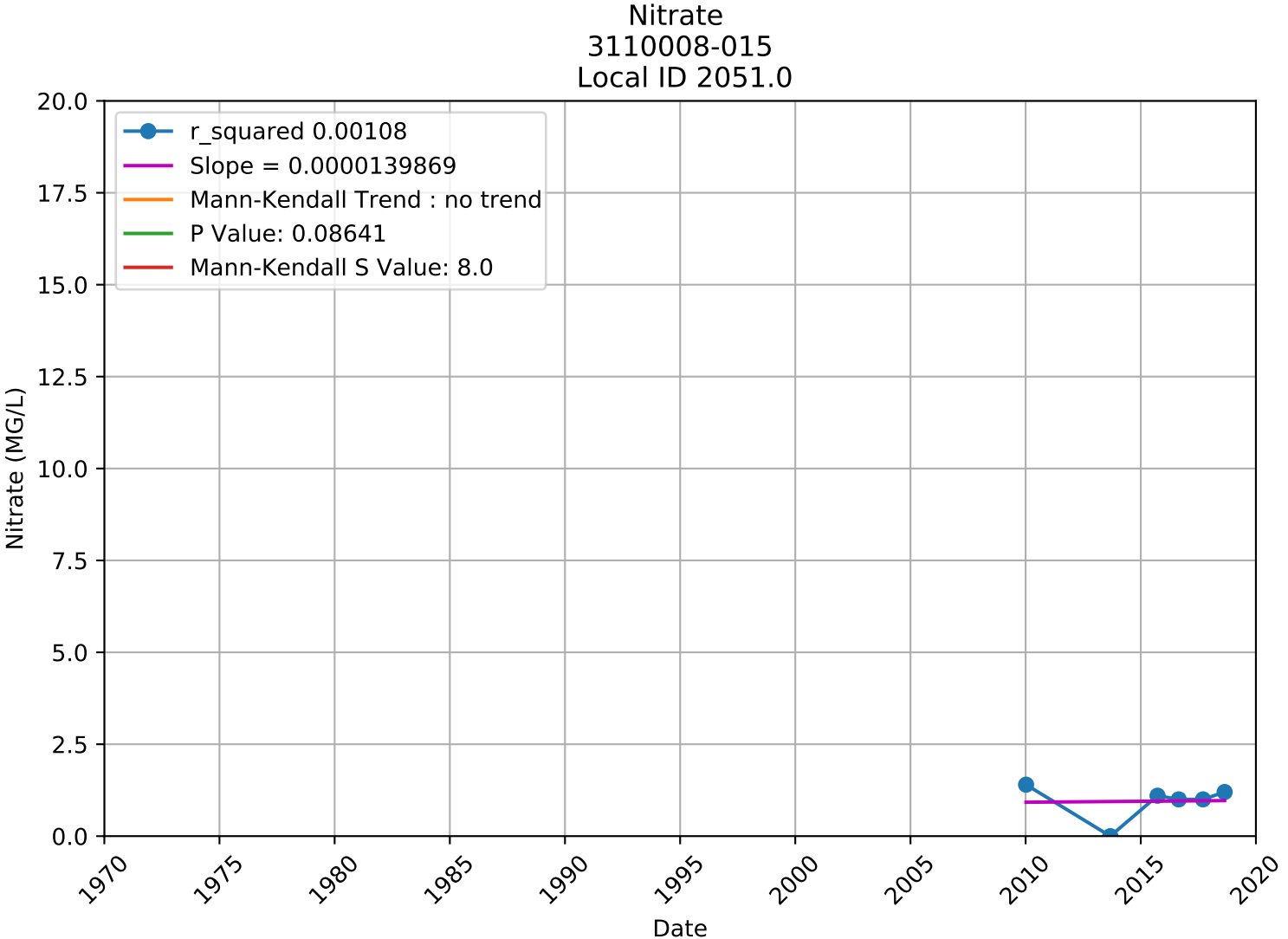

Nitrate
3110004-012
Local ID 2072.0
r_squared 0.70825
Slope = 0.0001731523
Mann-Kendall Trend : no trend
P Value: 0.07482
Mann-Kendall S Value: 37.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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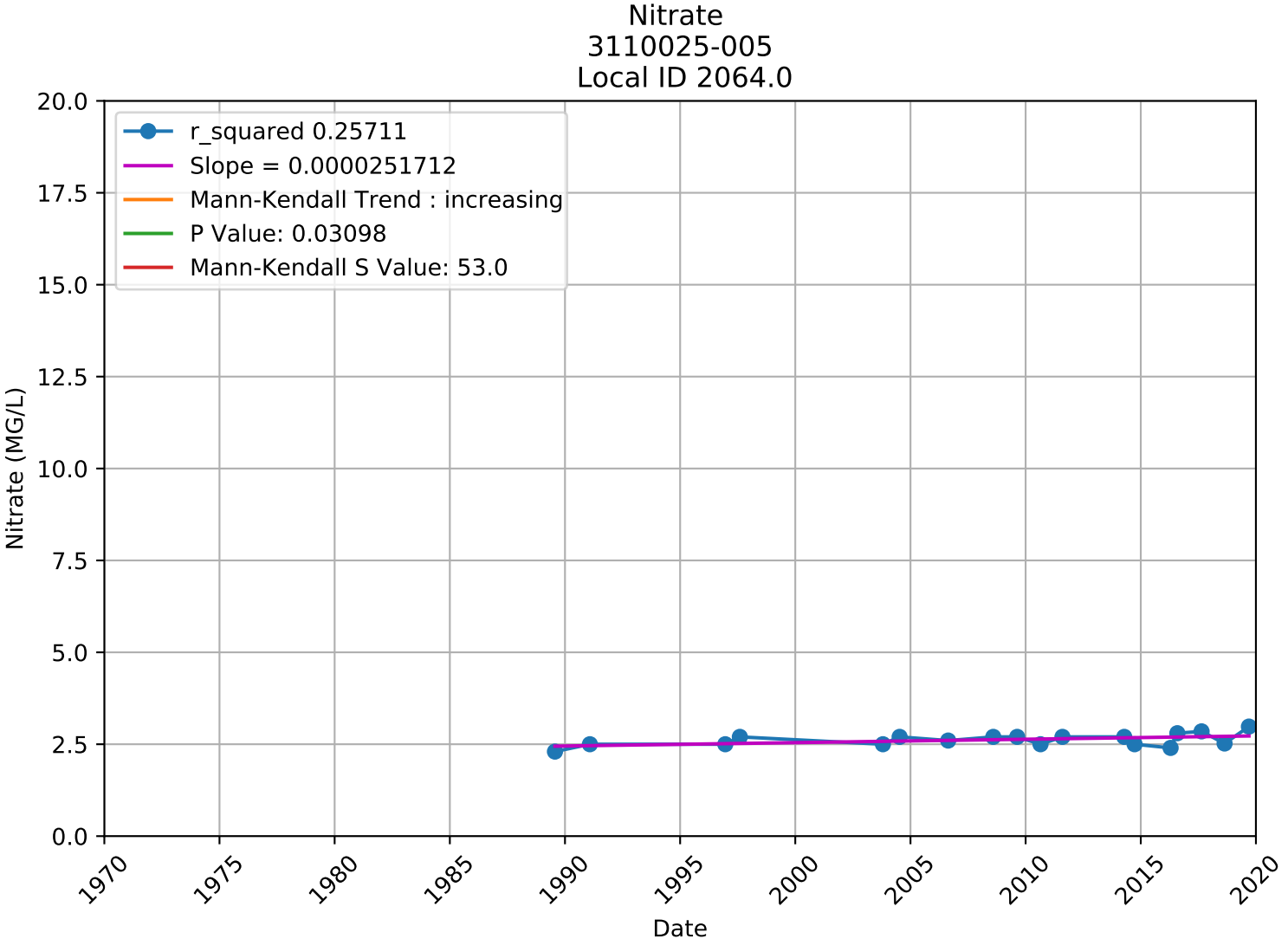

Nitrate
3110008-003
Local ID 2069.0
r_squared 0.01643
Slope = 0.0000334981
Mann-Kendall Trend : no trend
P Value: 0.34726
Mann-Kendall S Value: 13.0
Nitrate (MG/L)
Date
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17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

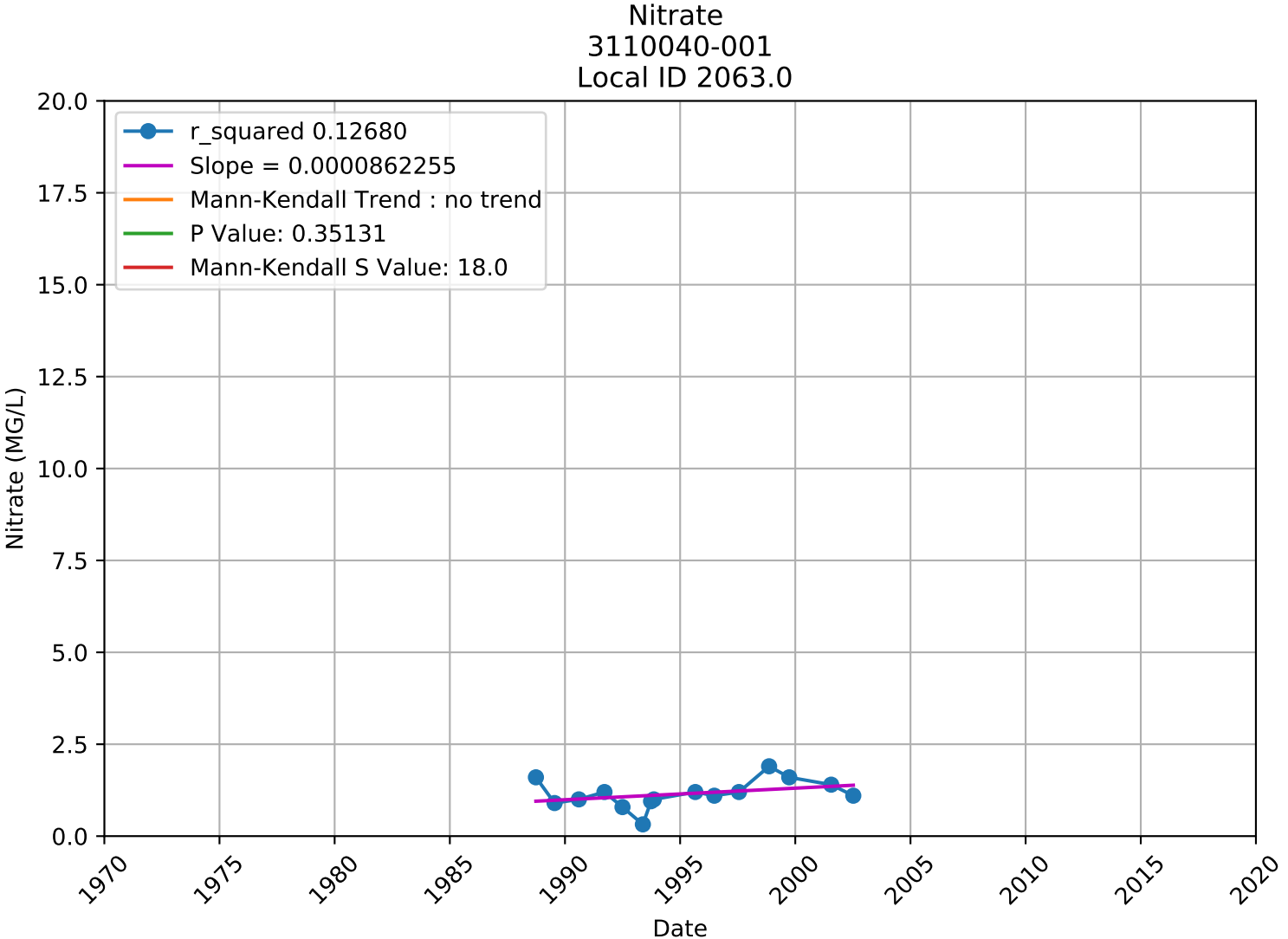

Nitrate
3110008-006
Local ID 2071.0
r_squared 0.01716
Slope = -0.0000212704
Mann-Kendall Trend : no trend
P Value: 0.39845
Mann-Kendall S Value: -18.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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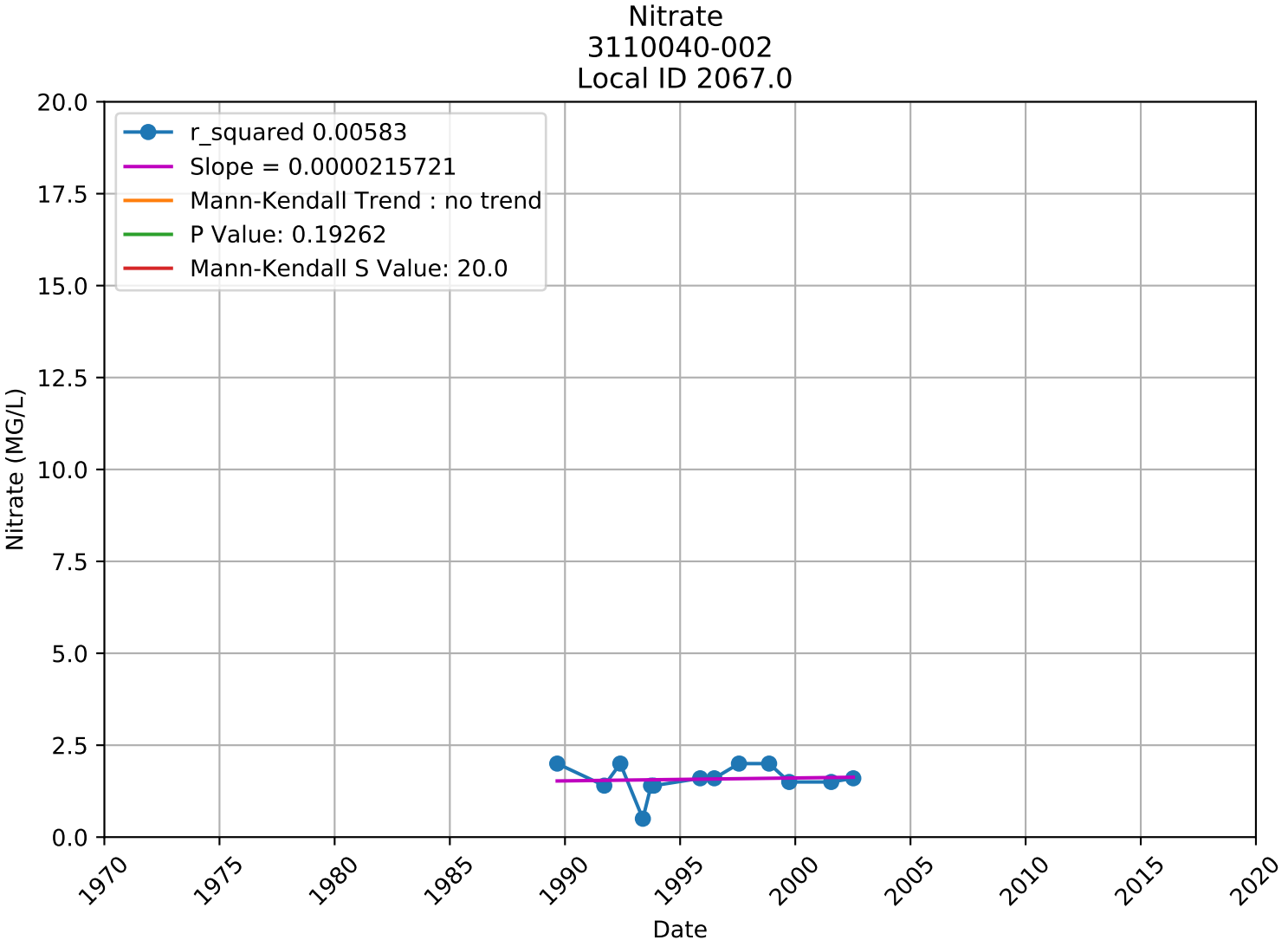

Nitrate
3110008-007
Local ID 2066.0
r_squared 0.00693
Slope = -0.0000156047
Mann-Kendall Trend : decreasing
P Value: 0.00311
Mann-Kendall S Value: -55.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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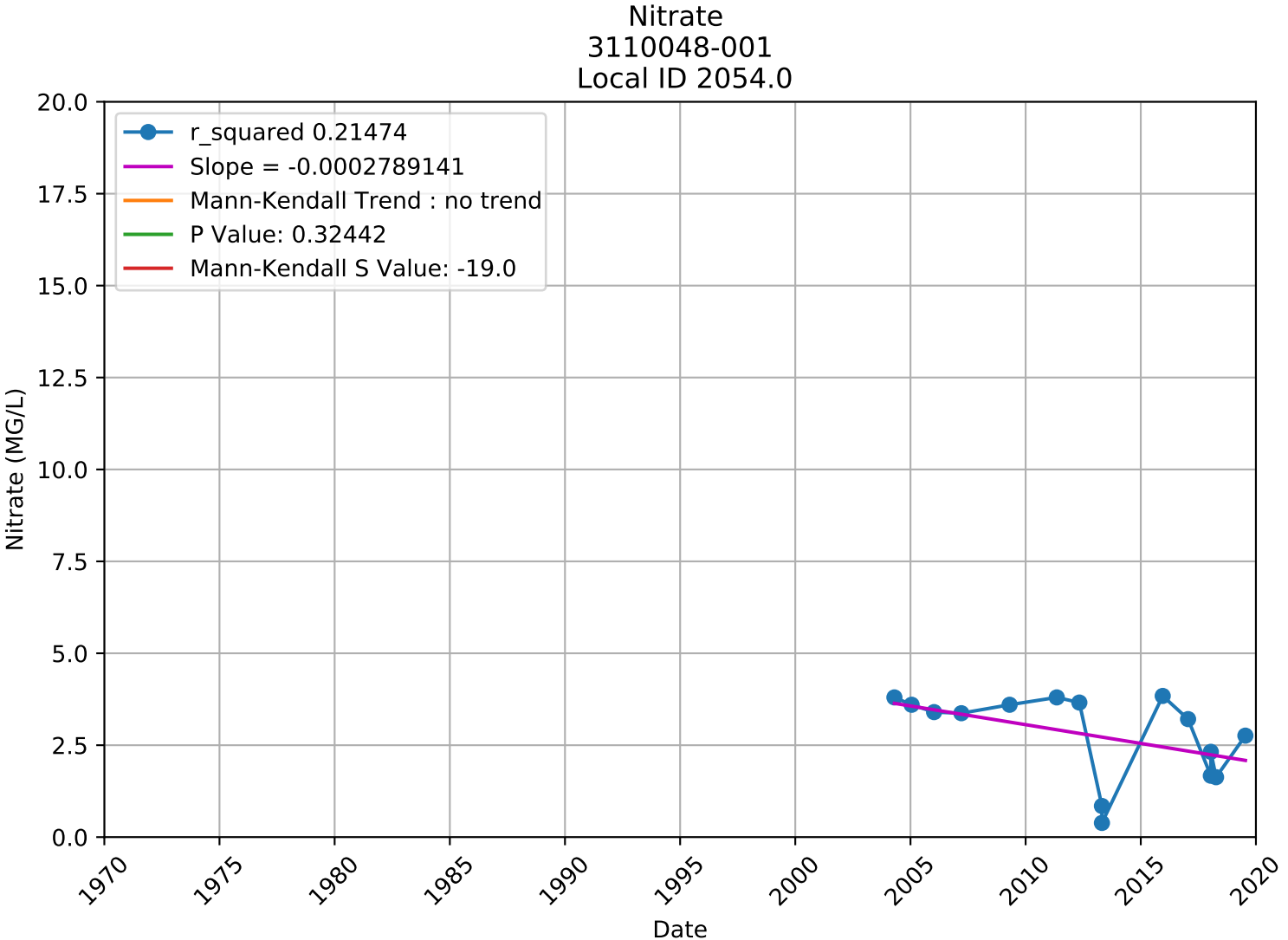

Nitrate
3110008-008
Local ID 2050.0
r_squared 0.00248
Slope = -0.0000086992
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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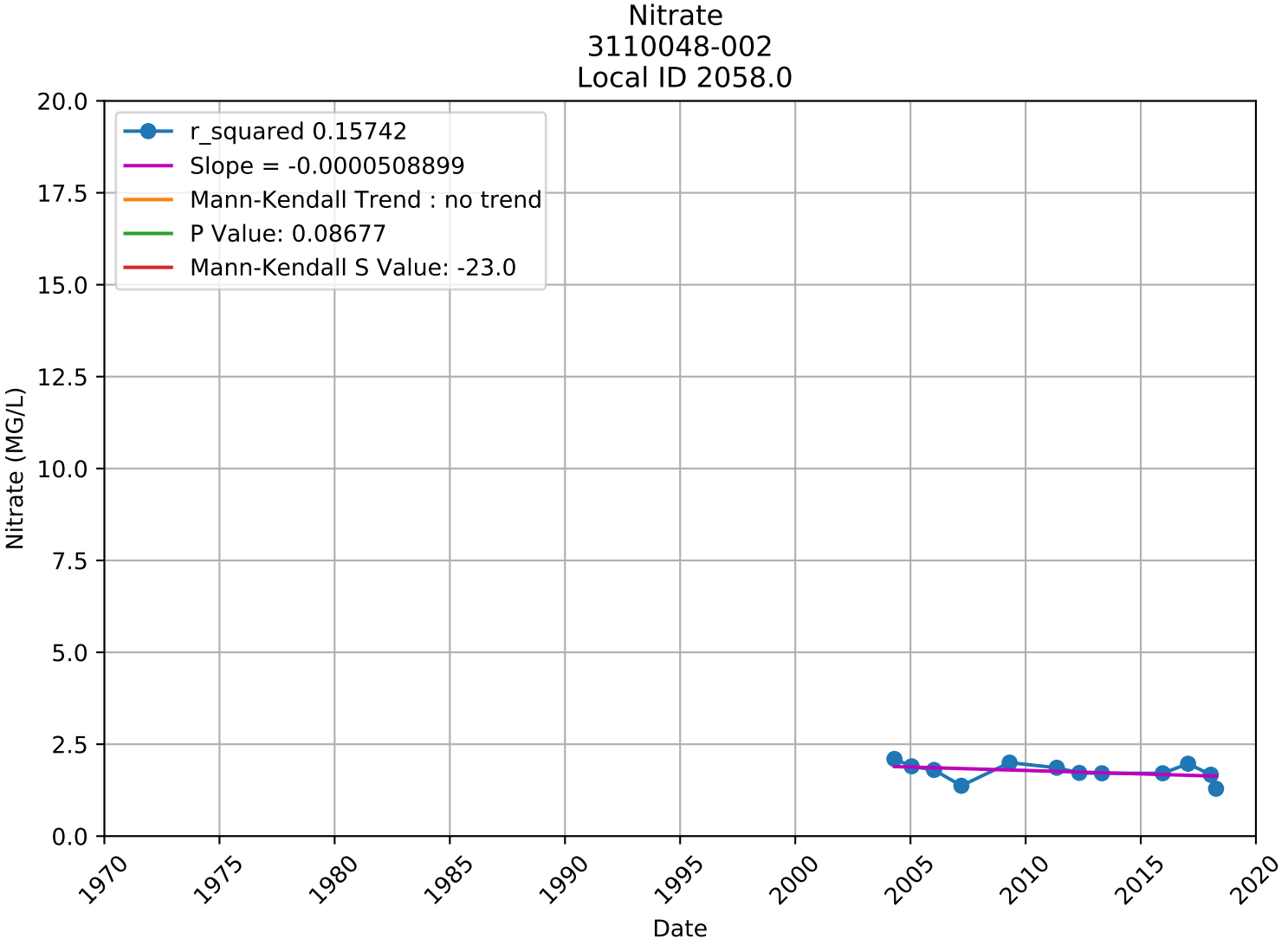

Nitrate
3110008-015
Local ID 2051.0
r_squared 0.00108
Slope = 0.0000139869
Mann-Kendall Trend : no trend
P Value: 0.08641
Mann-Kendall S Value: 8.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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2.5
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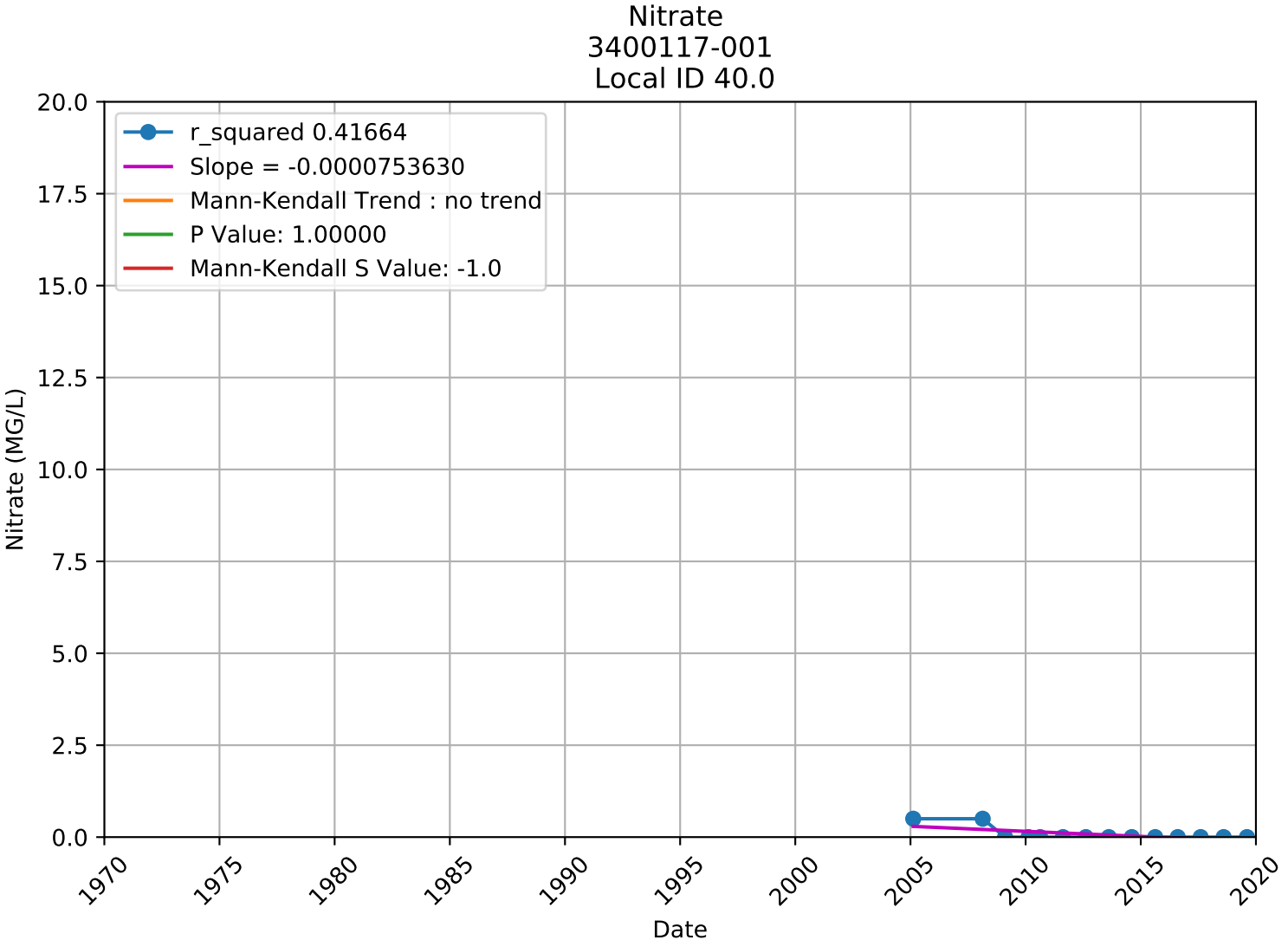

Nitrate
3110025-005
Local ID 2064.0
r_squared 0.25711
Slope = 0.0000251712
Mann-Kendall Trend : increasing
P Value: 0.03098
Mann-Kendall S Value: 53.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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5.0
2.5
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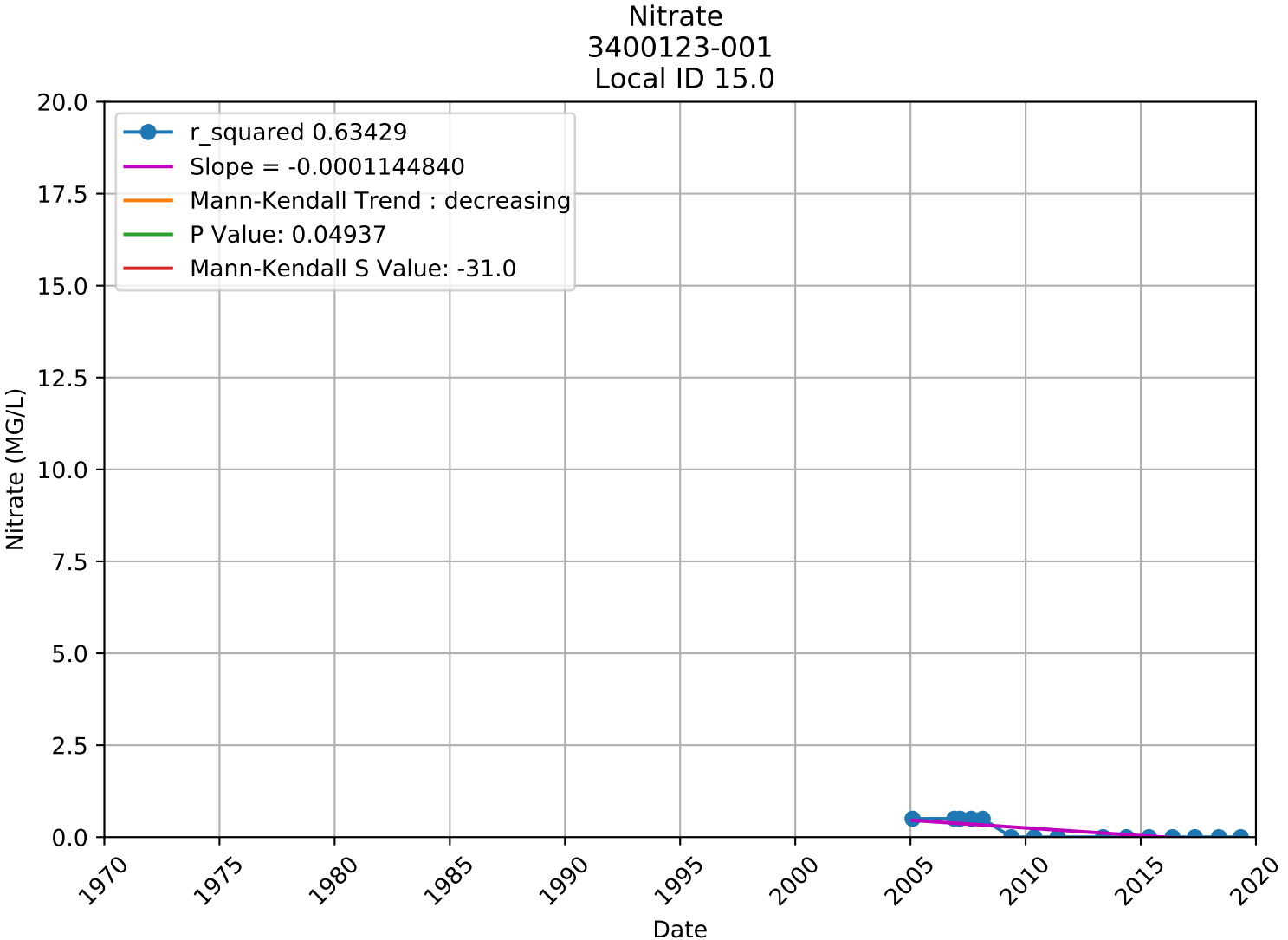

Nitrate
3110040-001
Local ID 2063.0
r_squared 0.12680
Slope = 0.0000862255
Mann-Kendall Trend : no trend
P Value: 0.35131
Mann-Kendall S Value: 18.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
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2015
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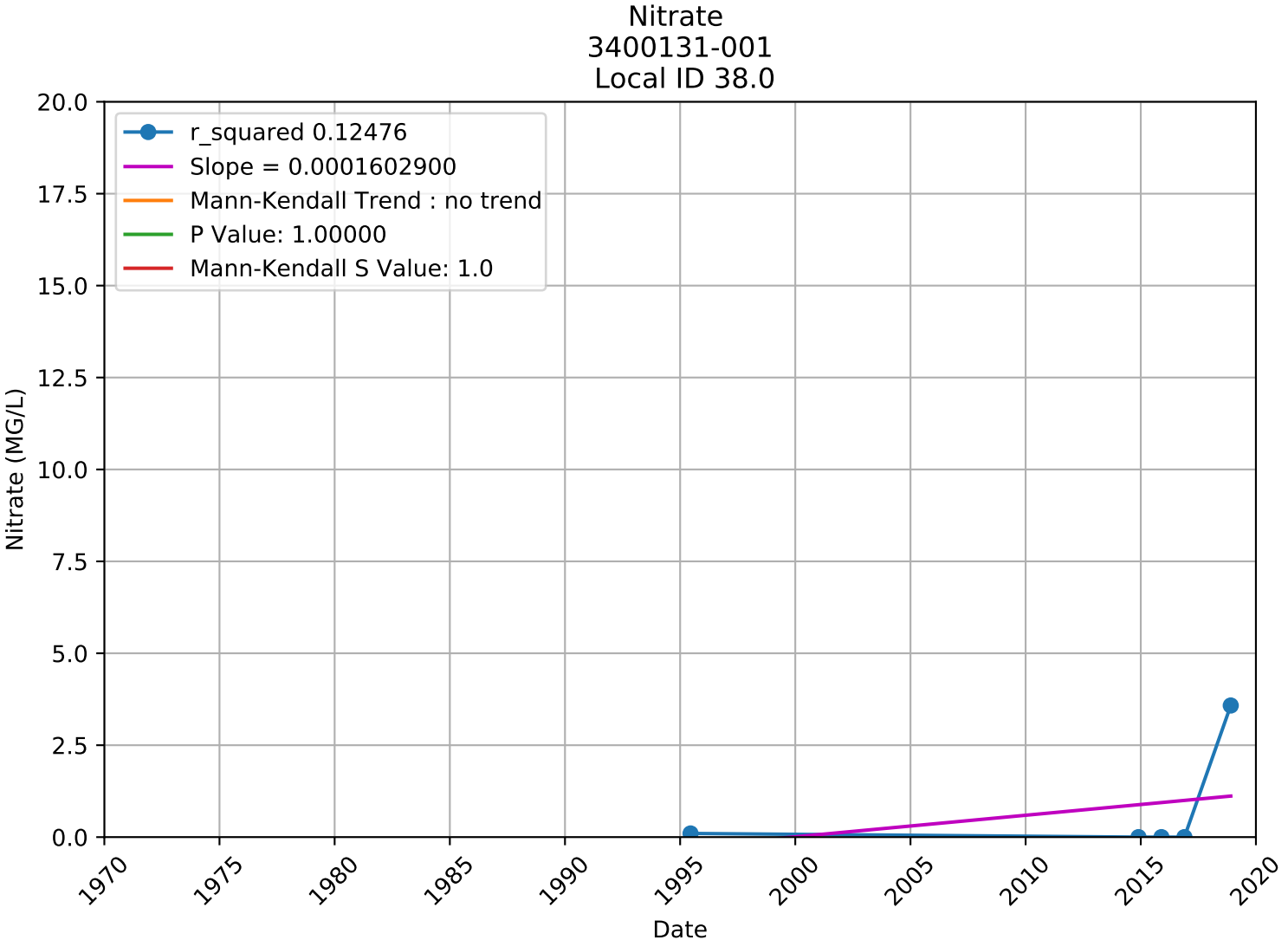

Nitrate
3110040-002
Local ID 2067.0
r_squared 0.00583
Slope = 0.0000215721
Mann-Kendall Trend : no trend
P Value: 0.19262
Mann-Kendall S Value: 20.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
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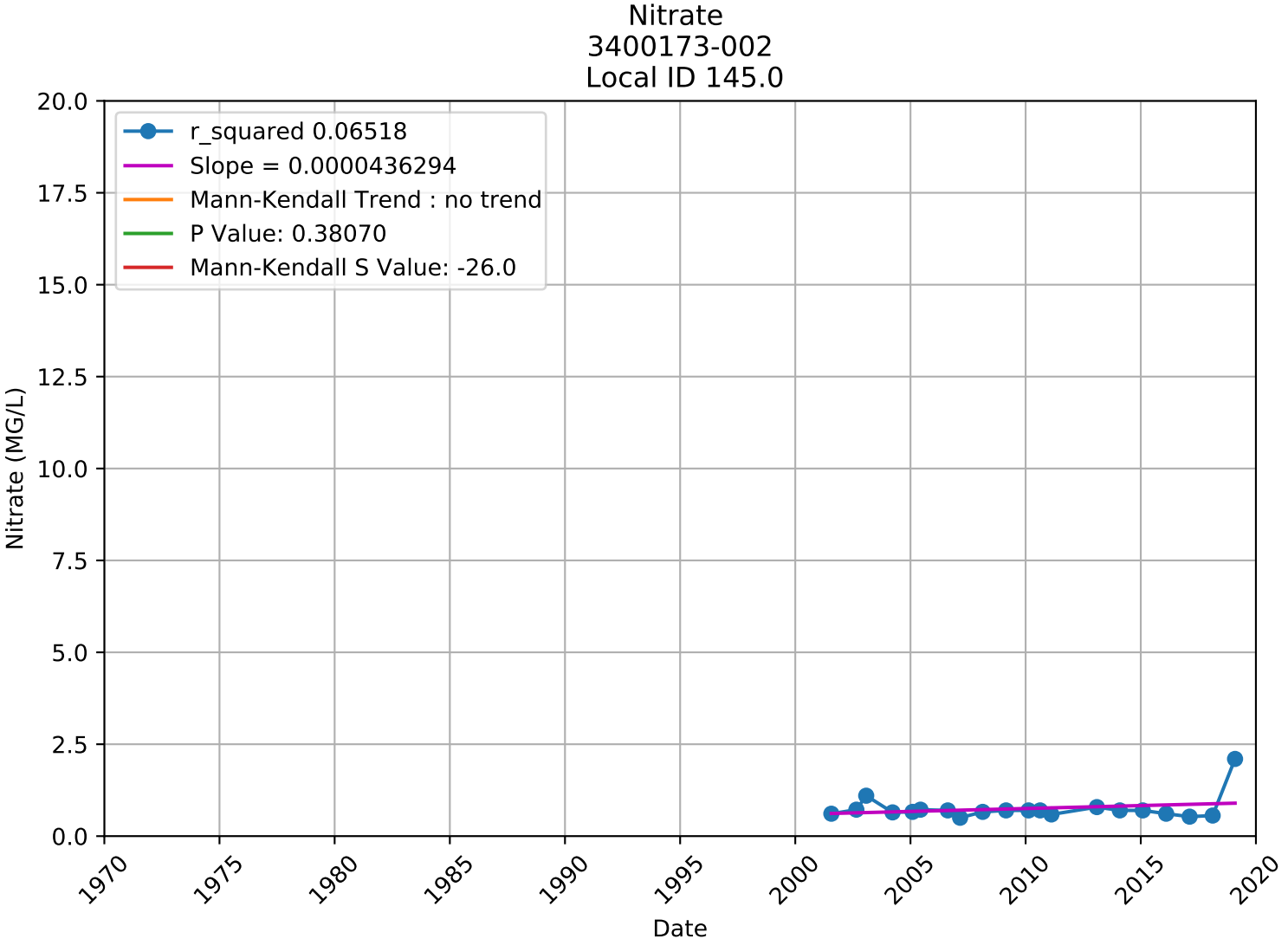

Nitrate
3110048-001
Local ID 2054.0
r_squared 0.21474
Slope = -0.0002789141
Mann-Kendall Trend : no trend
P Value: 0.32442
Mann-Kendall S Value: -19.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
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2015
2020

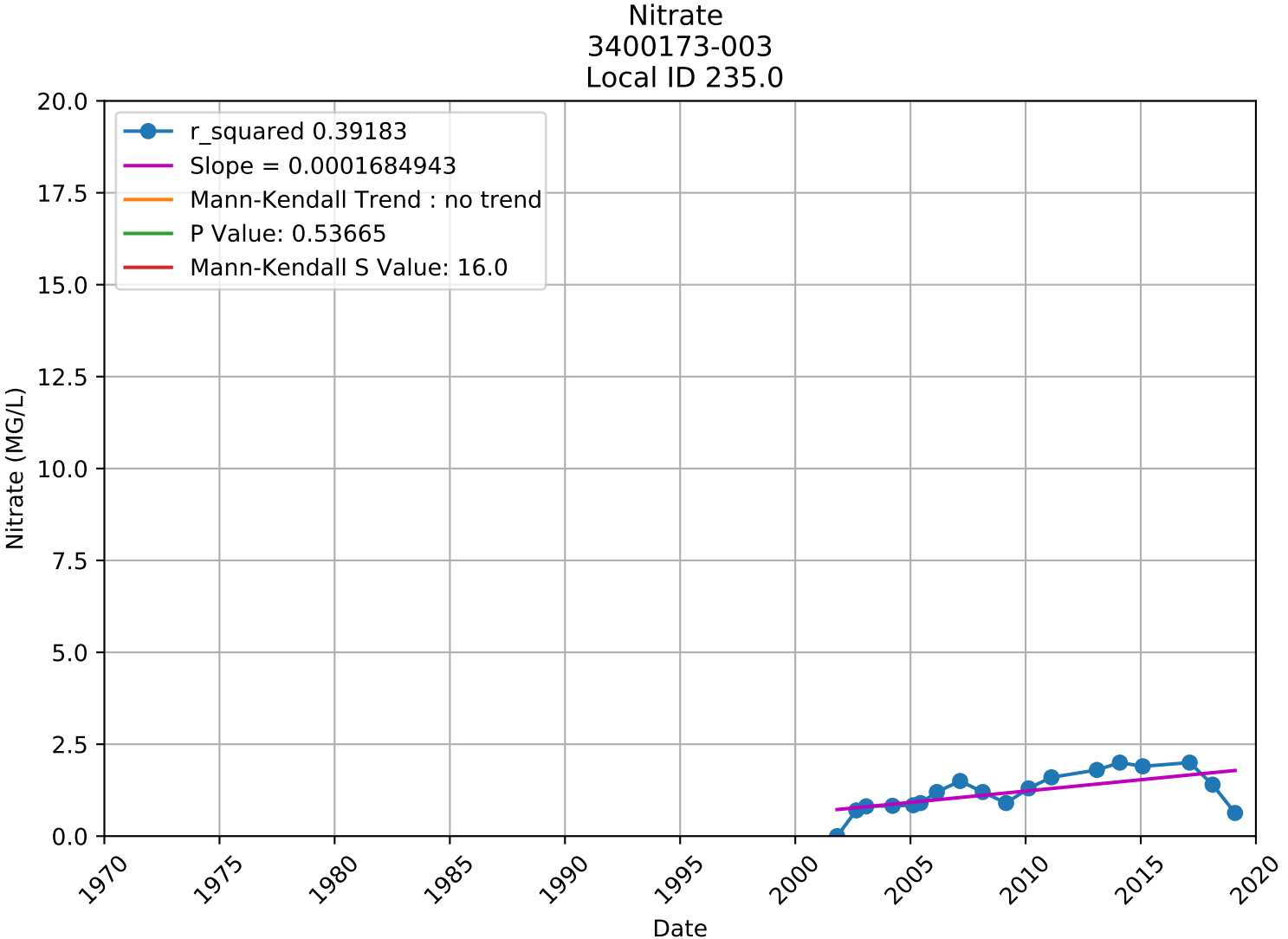

Nitrate
3110048-002
Local ID 2058.0
r_squared 0.15742
Slope = -0.0000508899
Mann-Kendall Trend : no trend
P Value: 0.08677
Mann-Kendall S Value: -23.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
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1970
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2020

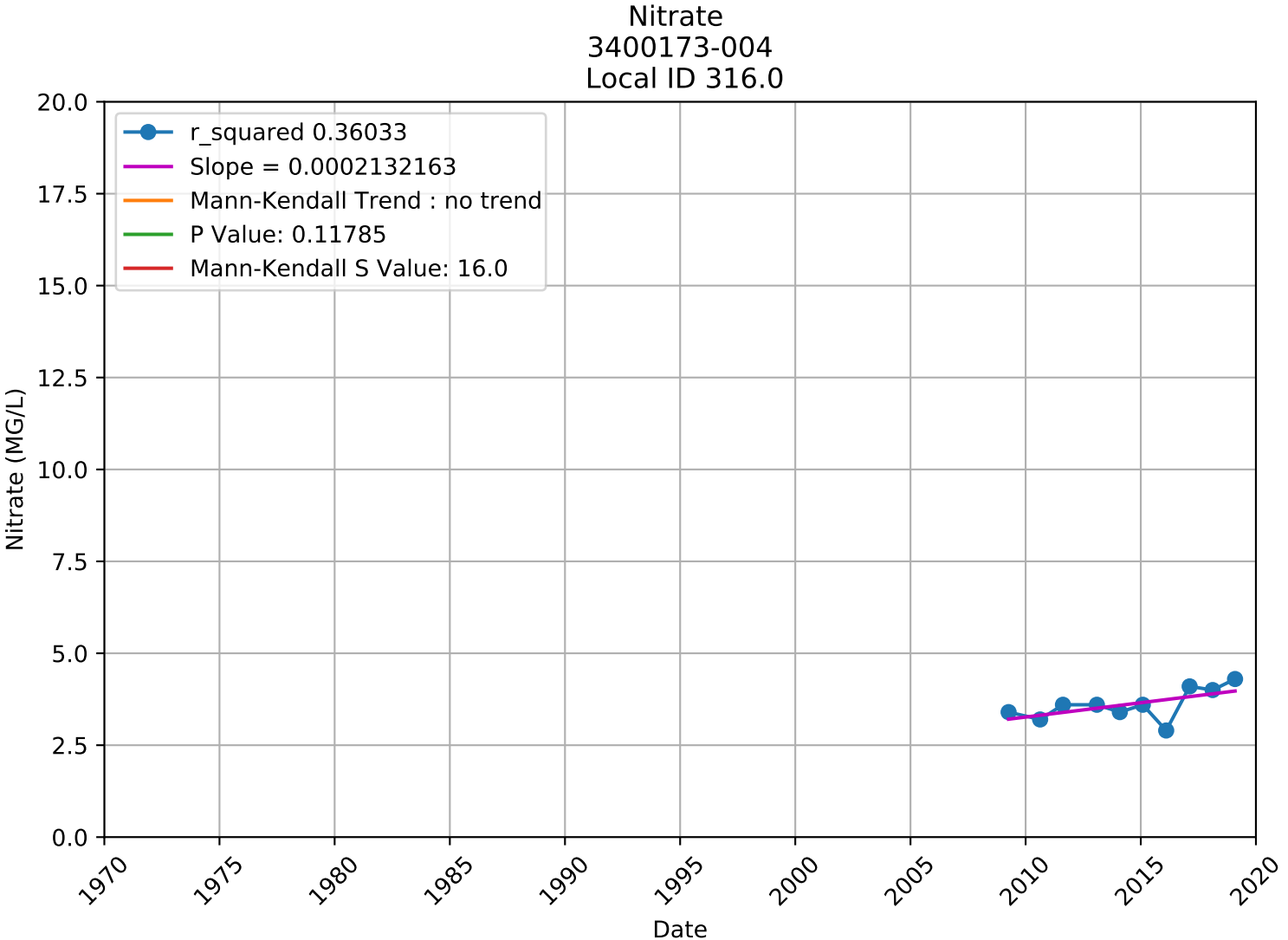

Nitrate
3400117-001
Local ID 40.0
r_squared 0.41664
Slope = -0.0000753630
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
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1970
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2020

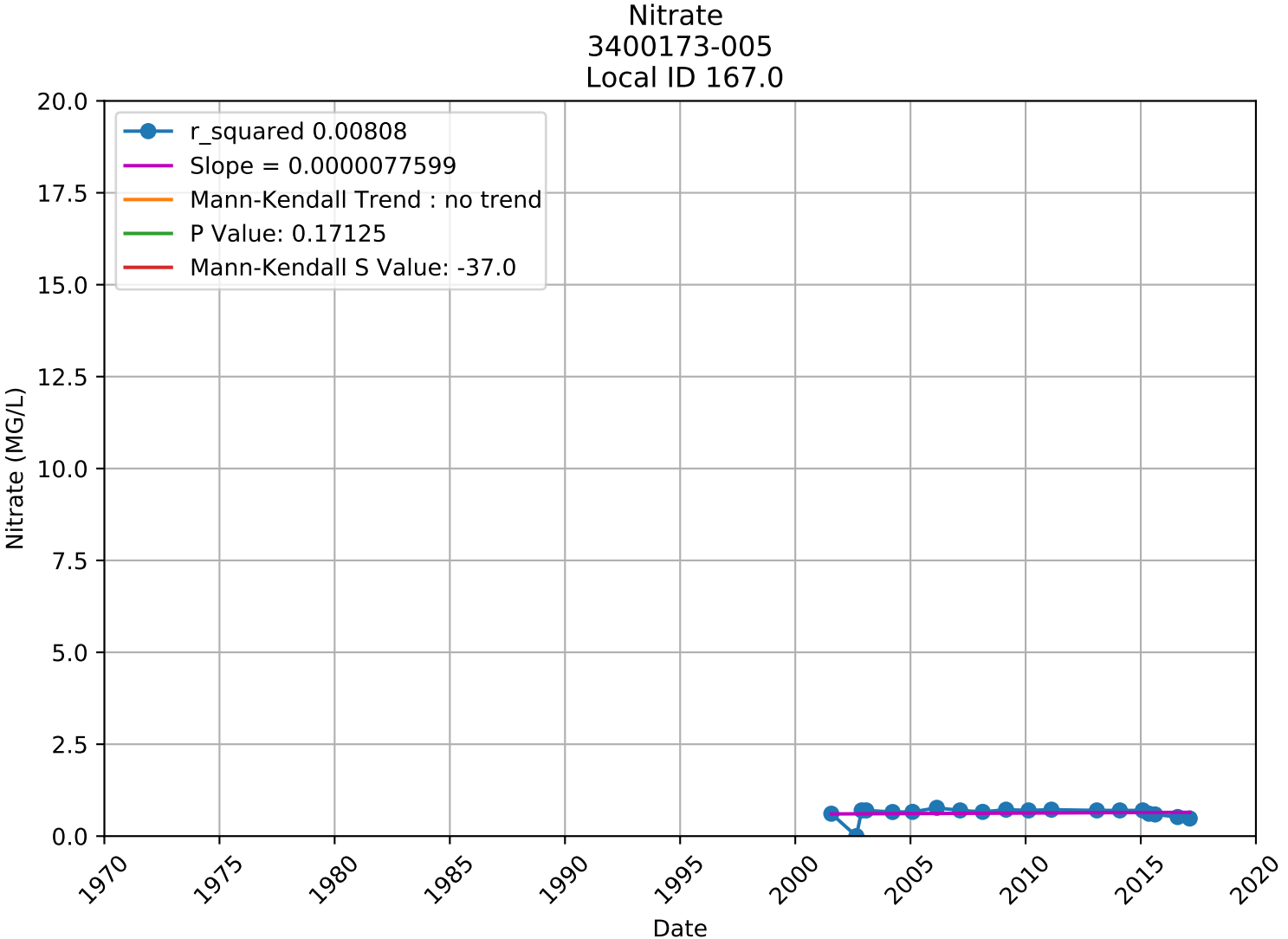

Nitrate
3400123-001
Local ID 15.0
r_squared 0.63429
Slope = -0.0001144840
Mann-Kendall Trend : decreasing
P Value: 0.04937
Mann-Kendall S Value: -31.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
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1970
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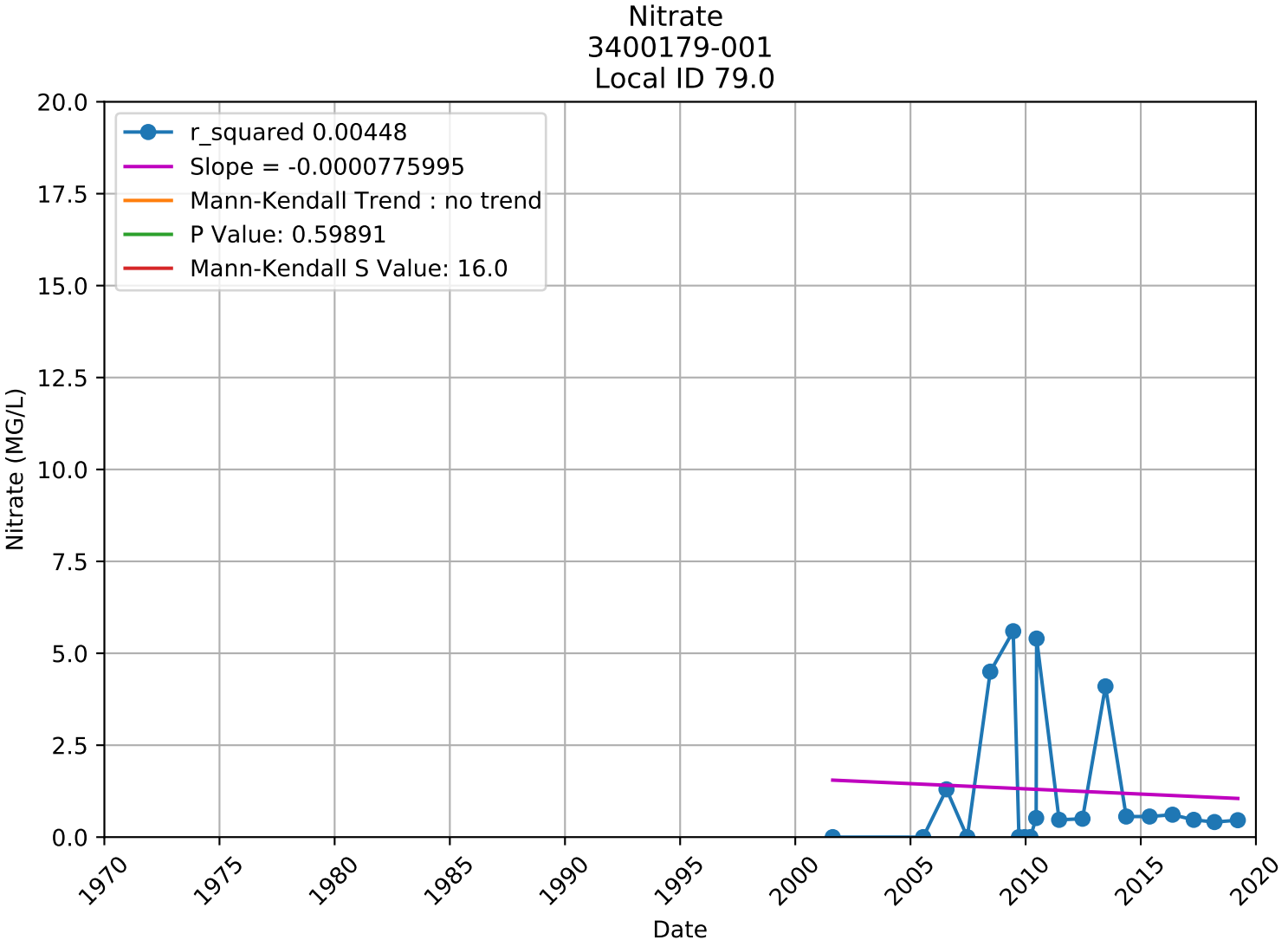

Nitrate
3400131-001
Local ID 38.0
r_squared 0.12476
Slope = 0.0001602900
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
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2005
2010
2015
2020

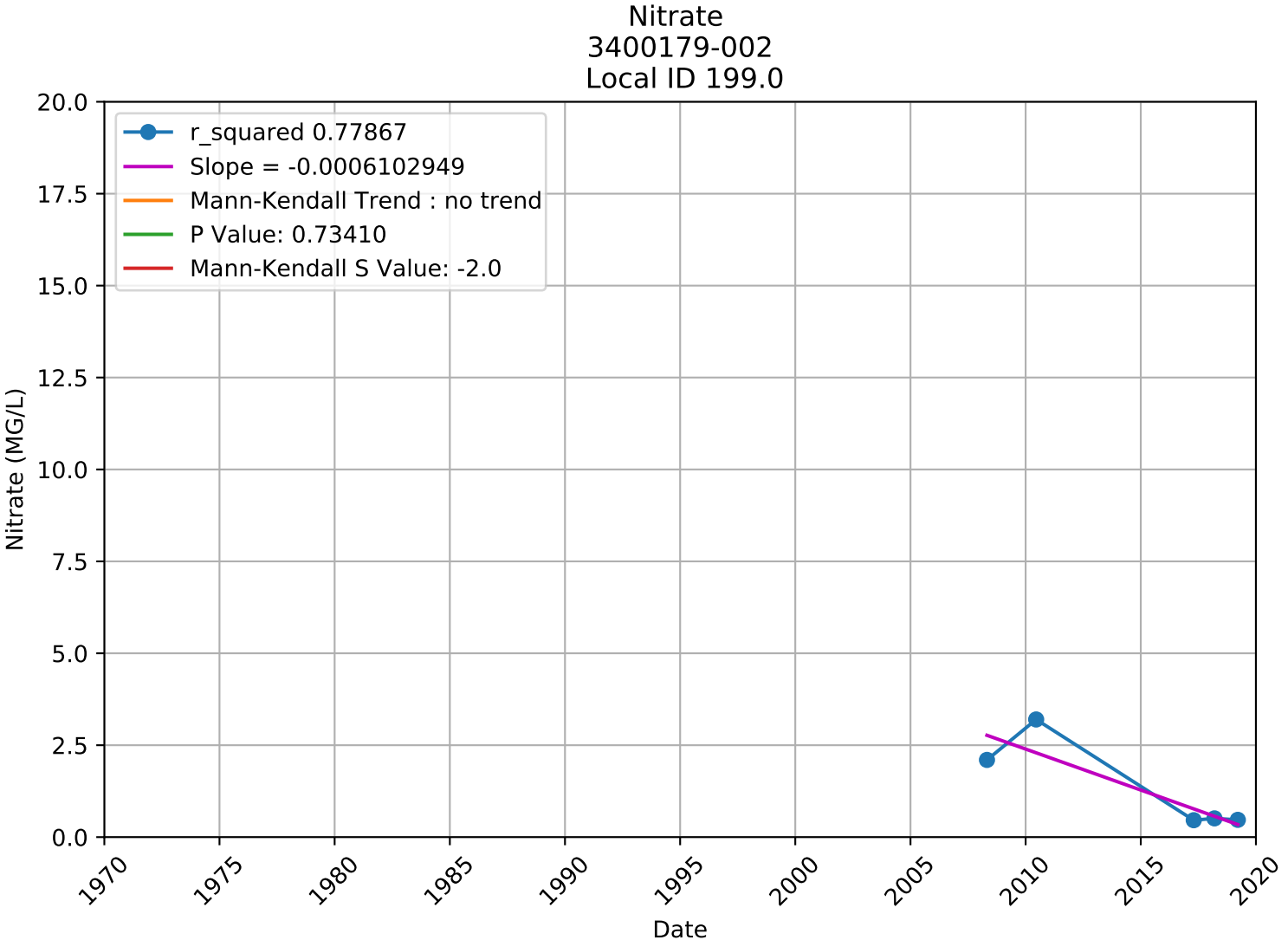

Nitrate
3400173-002
Local ID 145.0
r_squared 0.06518
Slope = 0.0000436294
Mann-Kendall Trend : no trend
P Value: 0.38070
Mann-Kendall S Value: -26.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
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2015
2020

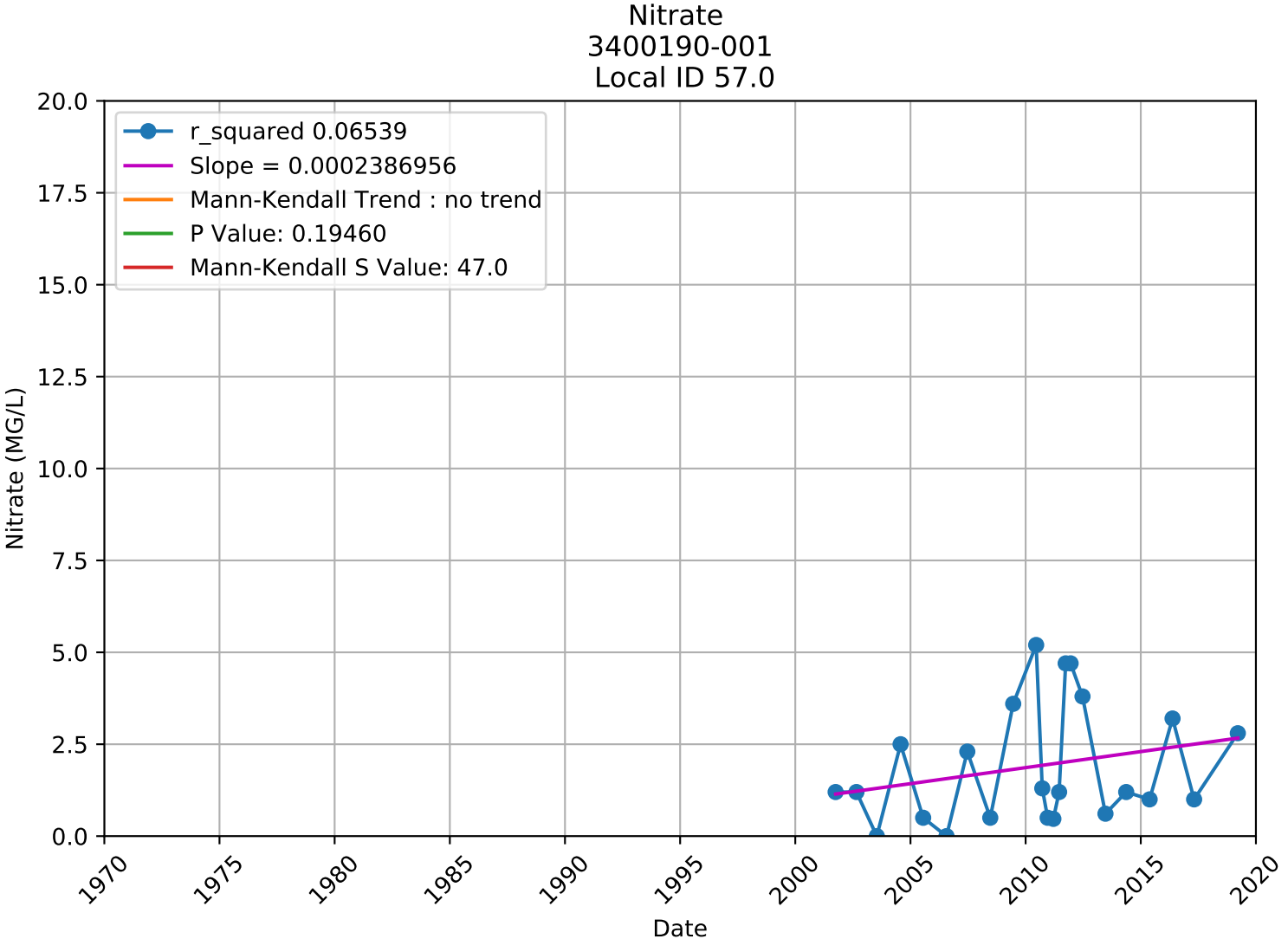

Nitrate
3400173-003
Local ID 235.0
r_squared 0.39183
Slope = 0.0001684943
Mann-Kendall Trend : no trend
P Value: 0.53665
Mann-Kendall S Value: 16.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
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2015
2020

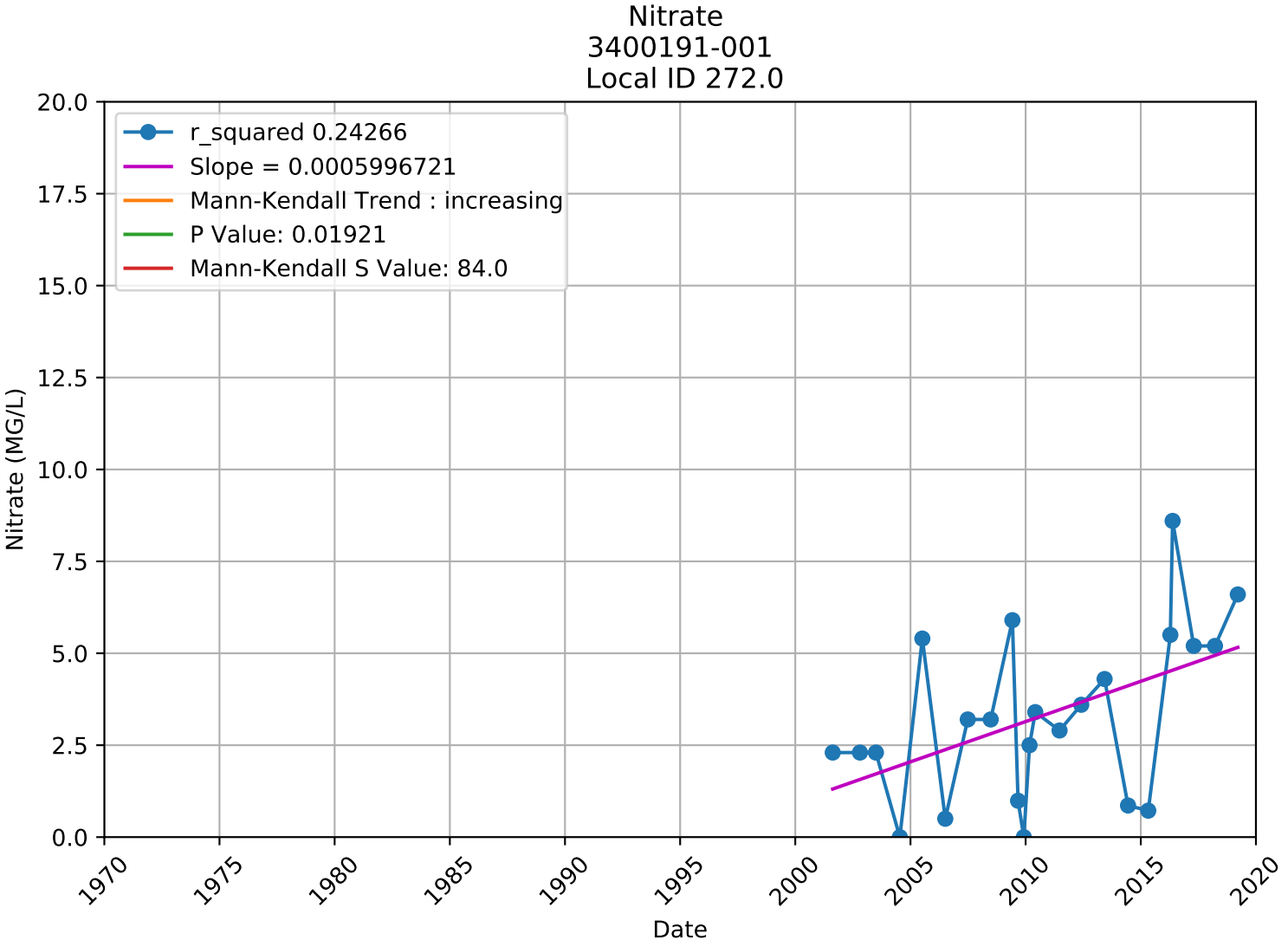

Nitrate
3400173-004
Local ID 316.0
r_squared 0.36033
Slope = 0.0002132163
Mann-Kendall Trend : no trend
P Value: 0.11785
Mann-Kendall S Value: 16.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
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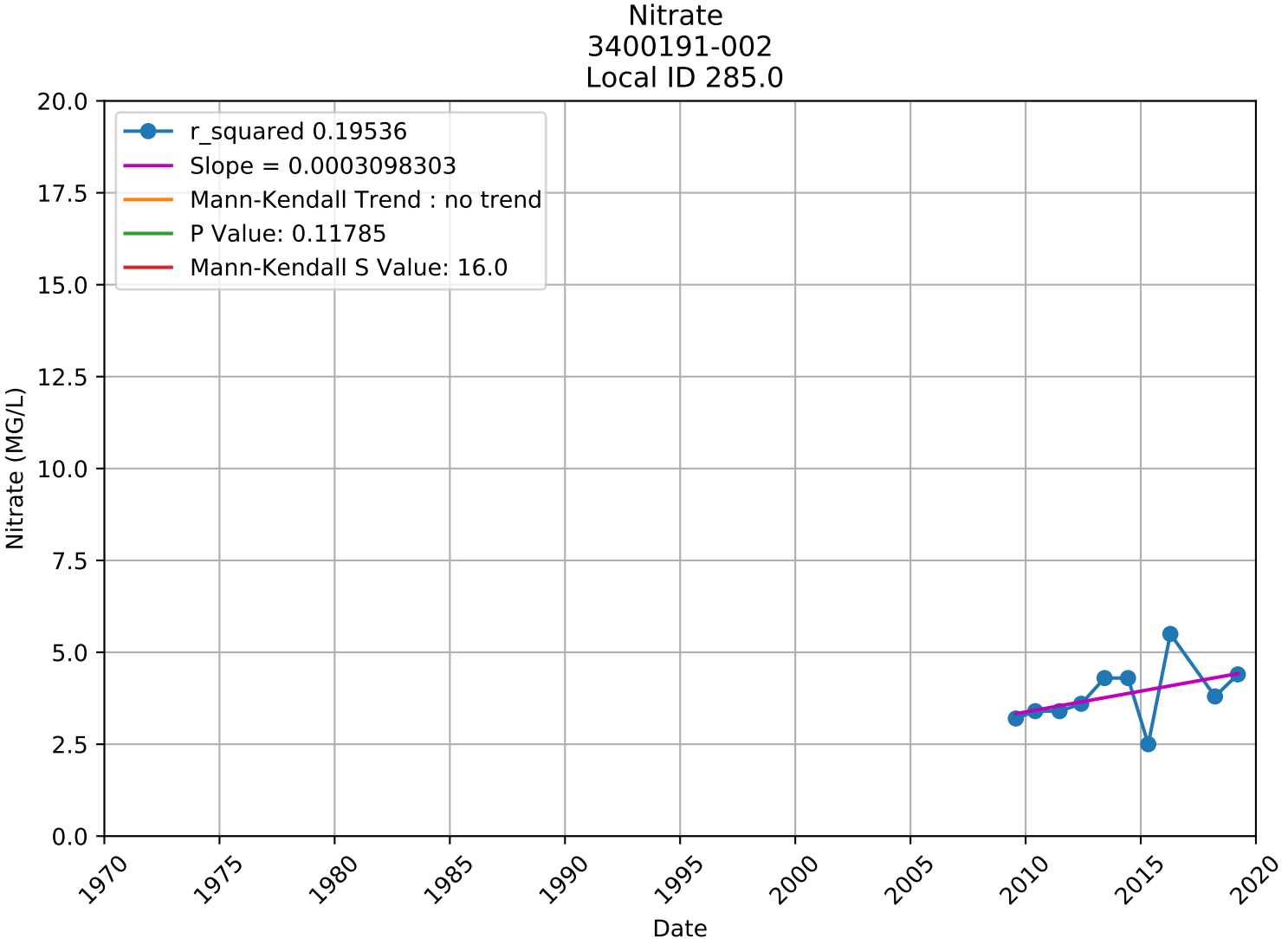

Nitrate
3400173-005
Local ID 167.0
r_squared 0.00808
Slope = 0.0000077599
Mann-Kendall Trend : no trend
P Value: 0.17125
Mann-Kendall S Value: -37.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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5.0
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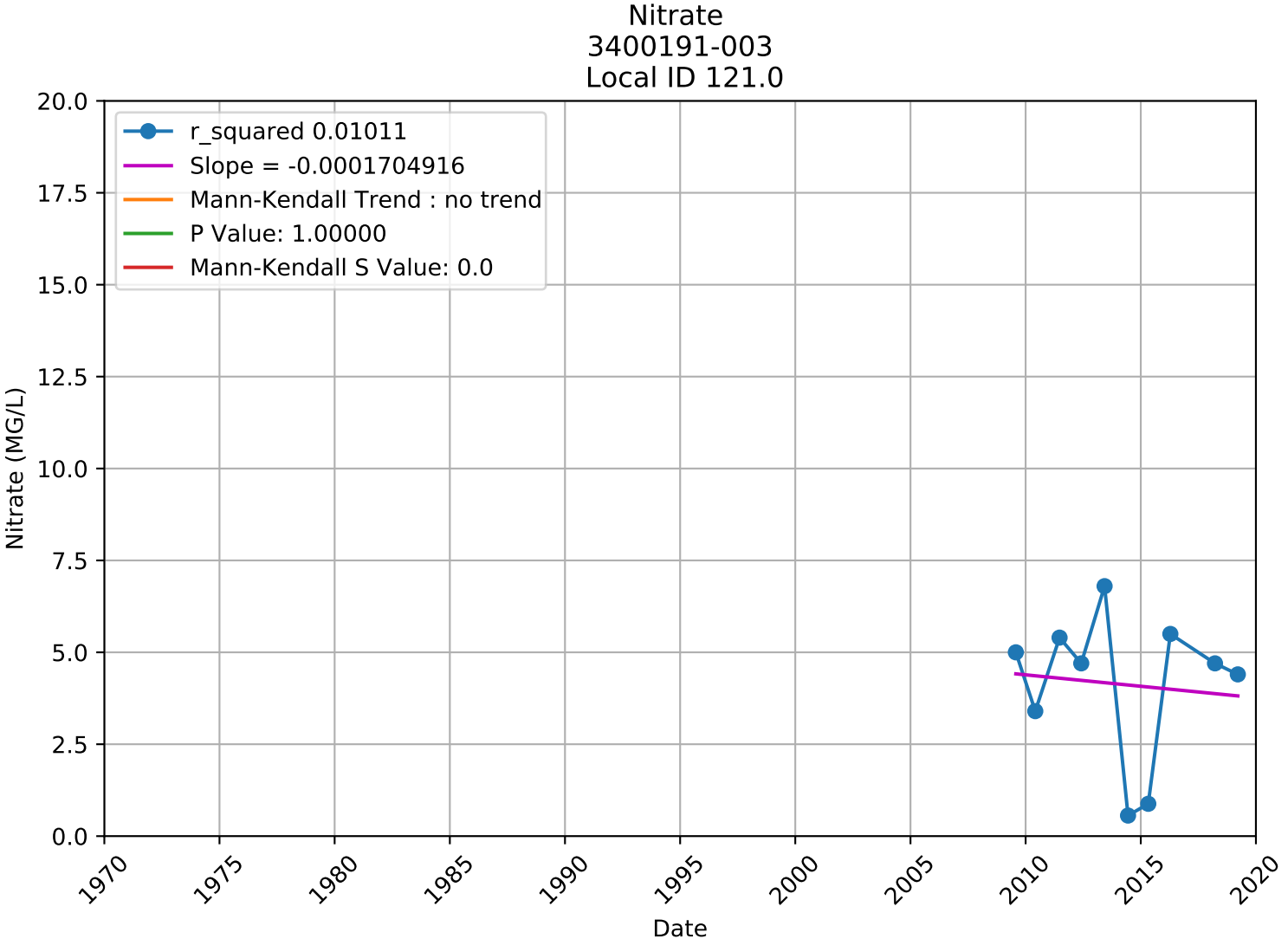

Nitrate
3400179-001
Local ID 79.0
r_squared 0.00448
Slope = -0.0000775995
Mann-Kendall Trend : no trend
P Value: 0.59891
Mann-Kendall S Value: 16.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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2.5
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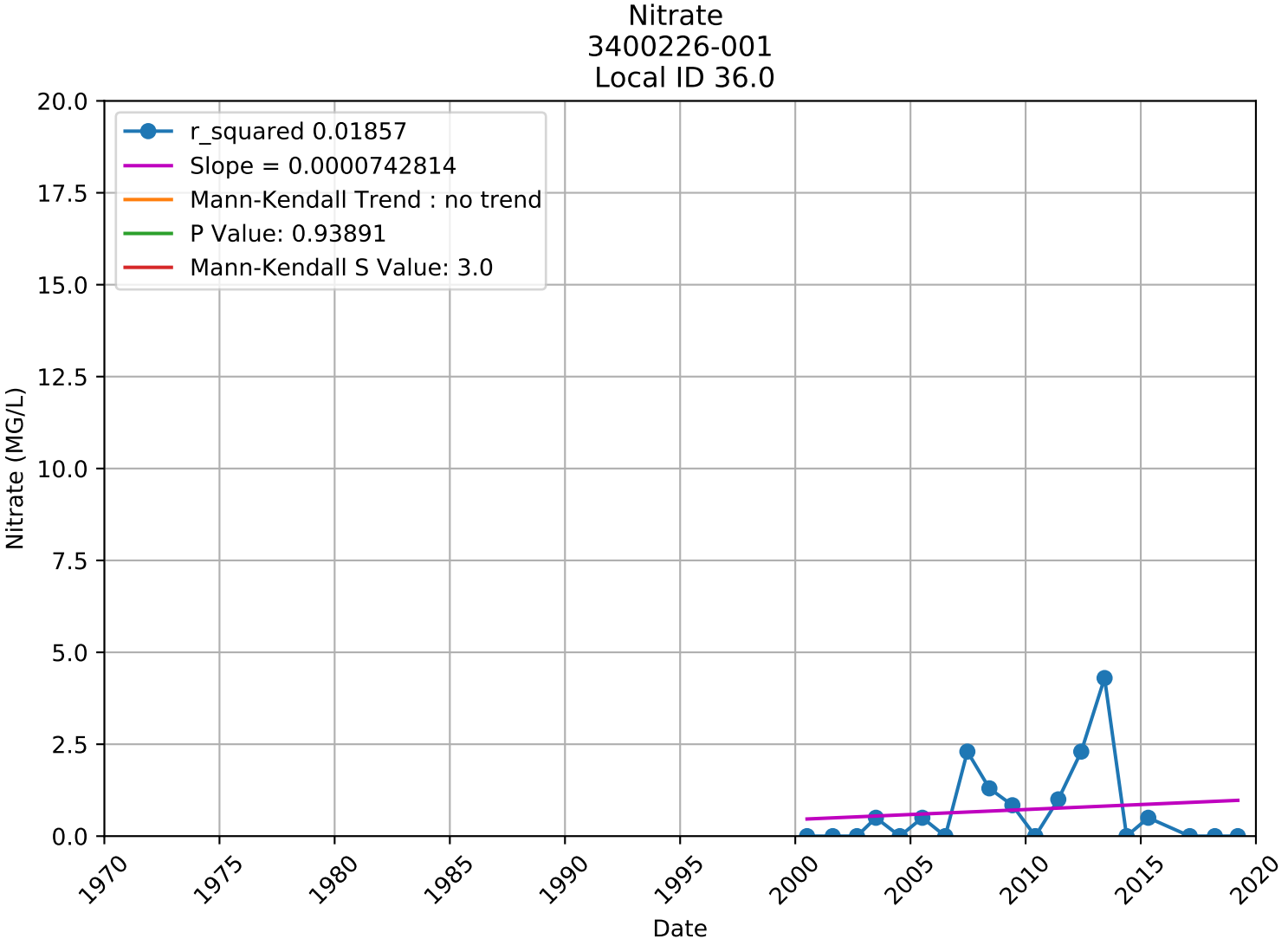

Nitrate
3400179-002
Local ID 199.0
r_squared 0.77867
Slope = -0.0006102949
Mann-Kendall Trend : no trend
P Value: 0.73410
Mann-Kendall S Value: -2.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
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5.0
2.5
0.0
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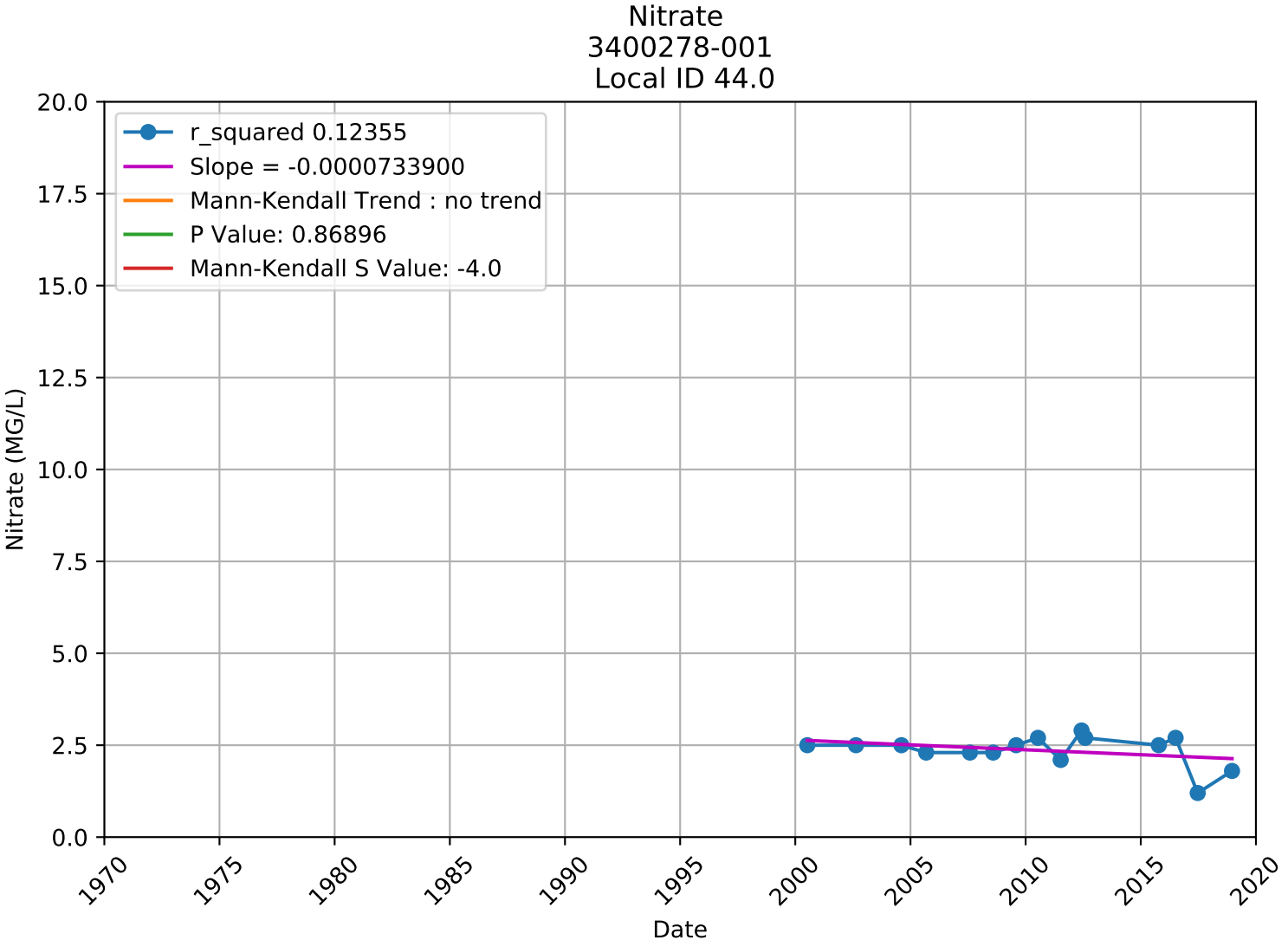

Nitrate
3400190-001
Local ID 57.0
r_squared 0.06539
Slope = 0.0002386956
Mann-Kendall Trend : no trend
P Value: 0.19460
Mann-Kendall S Value: 47.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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5.0
2.5
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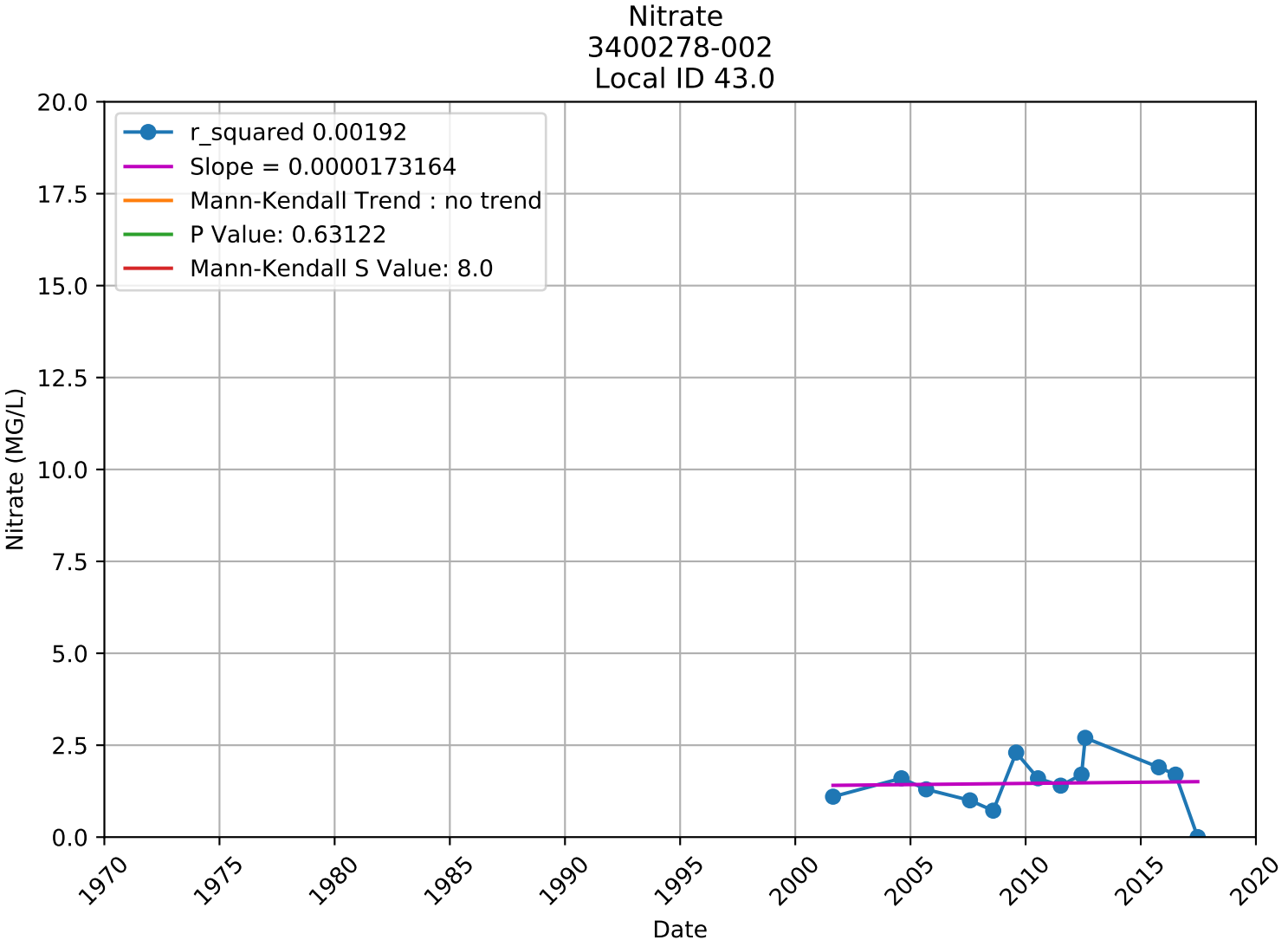

Nitrate
3400191-001
Local ID 272.0
r_squared 0.24266
Slope = 0.0005996721
Mann-Kendall Trend : increasing
P Value: 0.01921
Mann-Kendall S Value: 84.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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5.0
2.5
0.0
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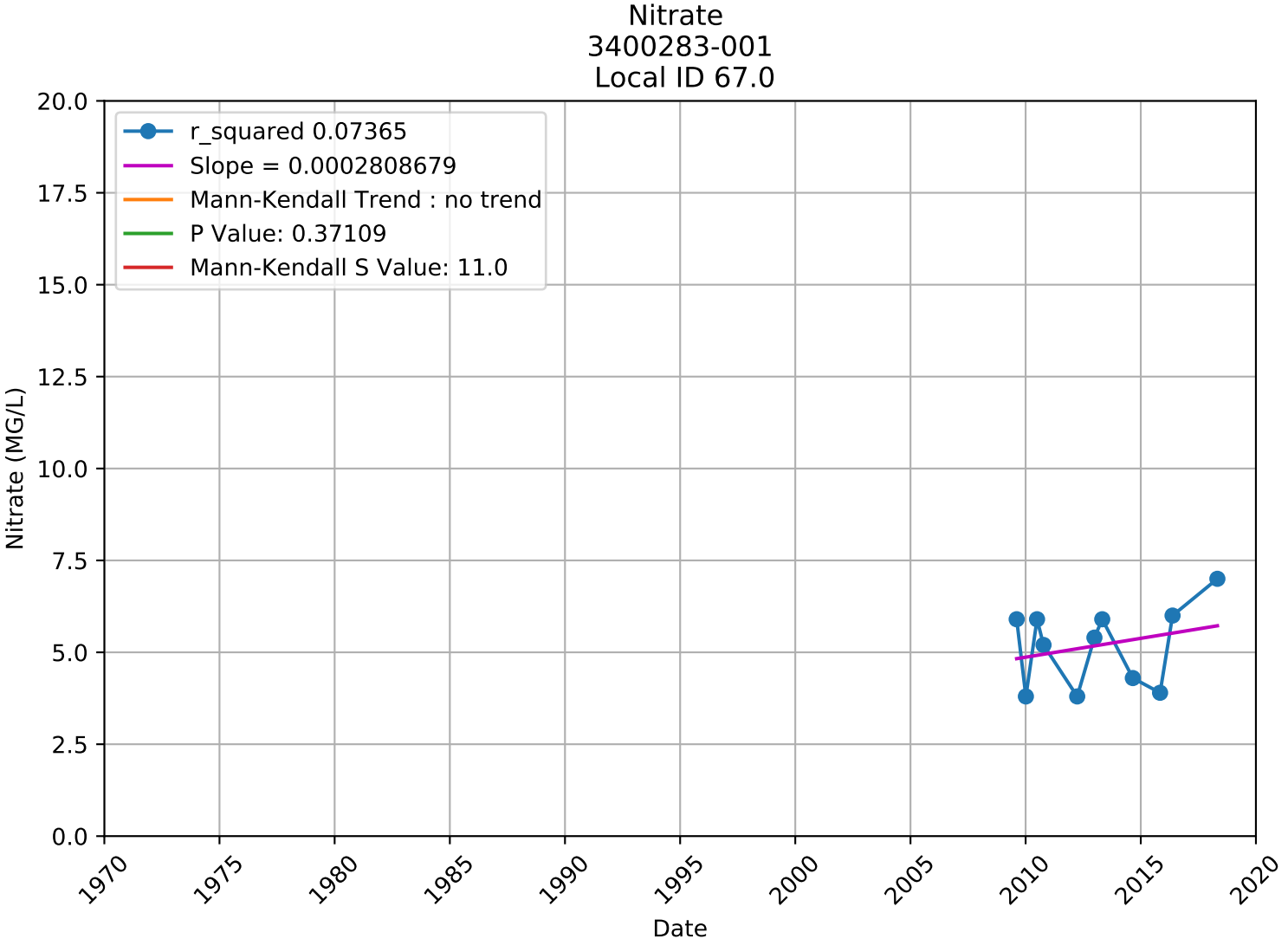

Nitrate
3400191-002
Local ID 285.0
r_squared 0.19536
Slope = 0.0003098303
Mann-Kendall Trend : no trend
P Value: 0.11785
Mann-Kendall S Value: 16.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
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5.0
2.5
0.0
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2020

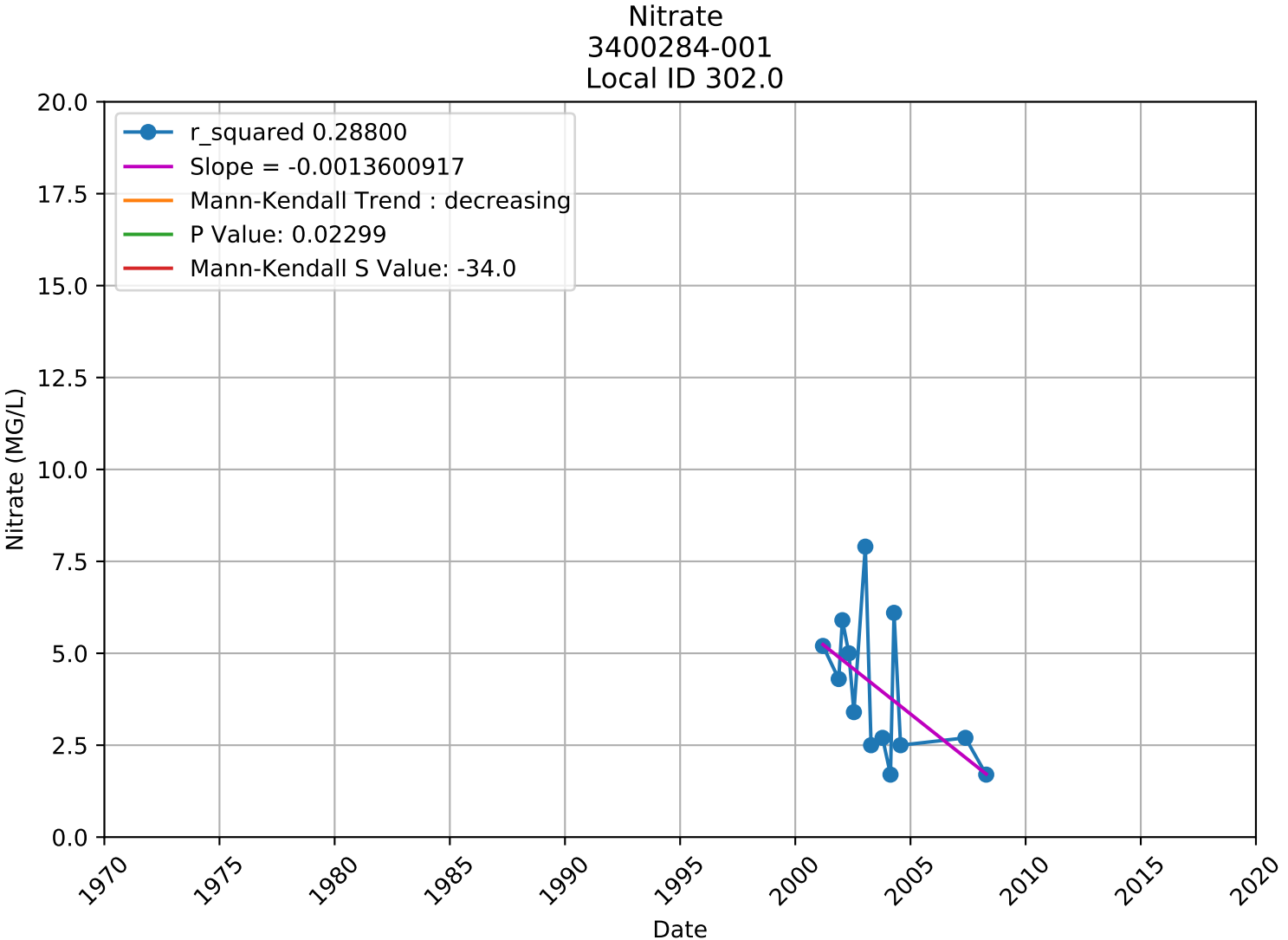

Nitrate
3400191-003
Local ID 121.0
r_squared 0.01011
Slope = -0.0001704916
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
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2015
2020

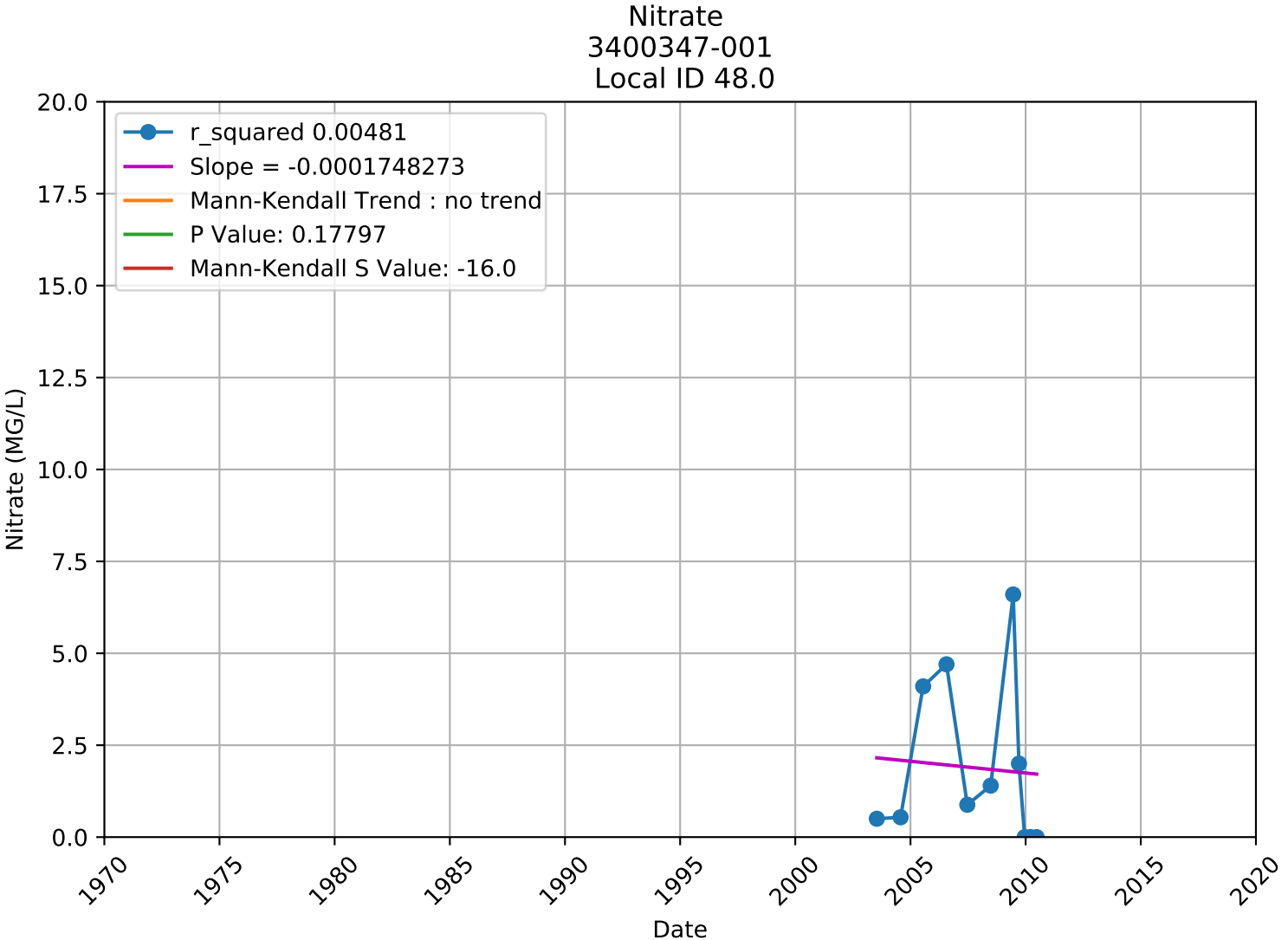

Nitrate
3400226-001
Local ID 36.0
r_squared 0.01857
Slope = 0.0000742814
Mann-Kendall Trend : no trend
P Value: 0.93891
Mann-Kendall S Value: 3.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
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2020

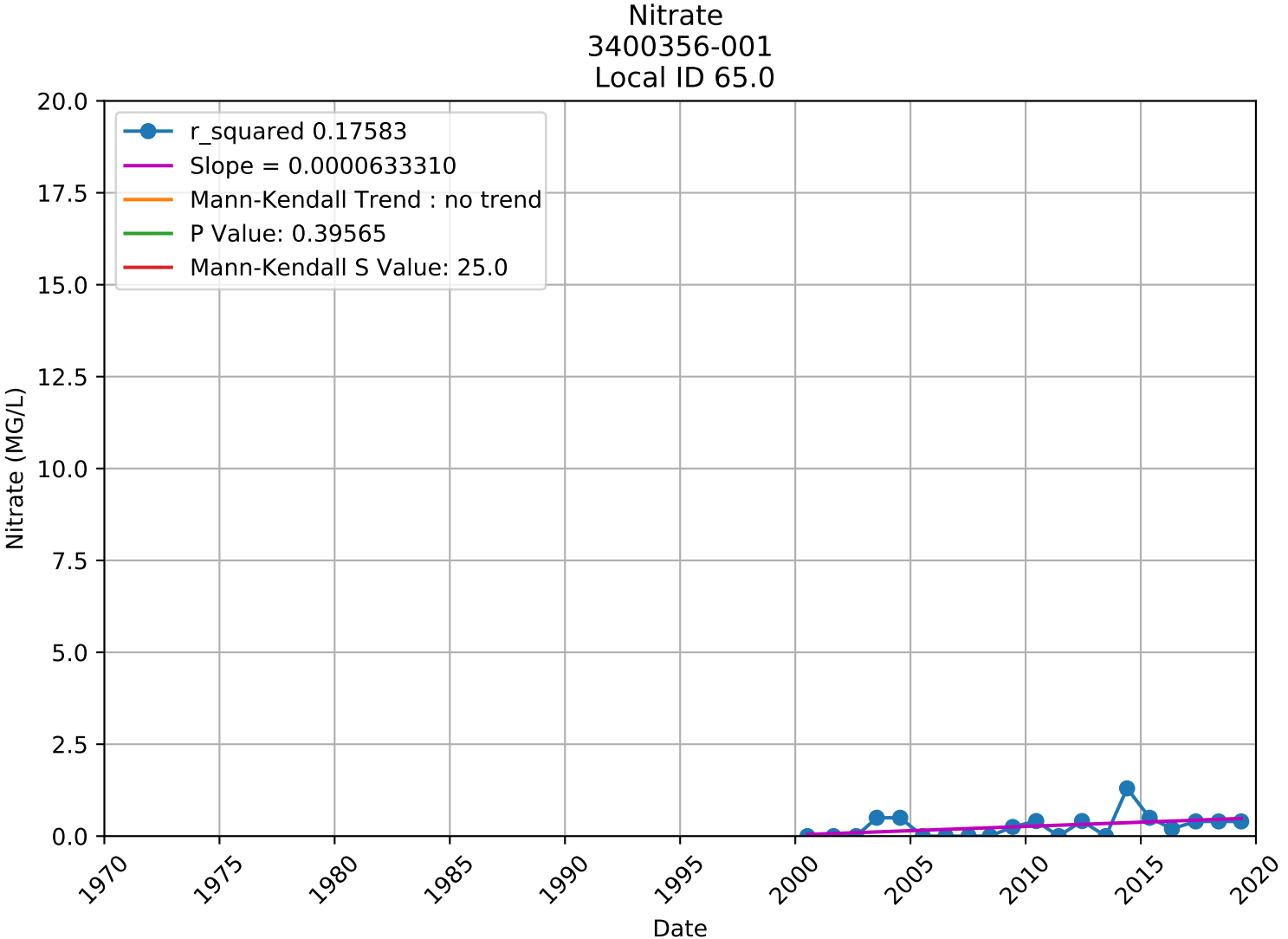

Nitrate
3400278-001
Local ID 44.0
r_squared 0.12355
Slope = -0.0000733900
Mann-Kendall Trend : no trend
P Value: 0.86896
Mann-Kendall S Value: -4.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
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2015
2020

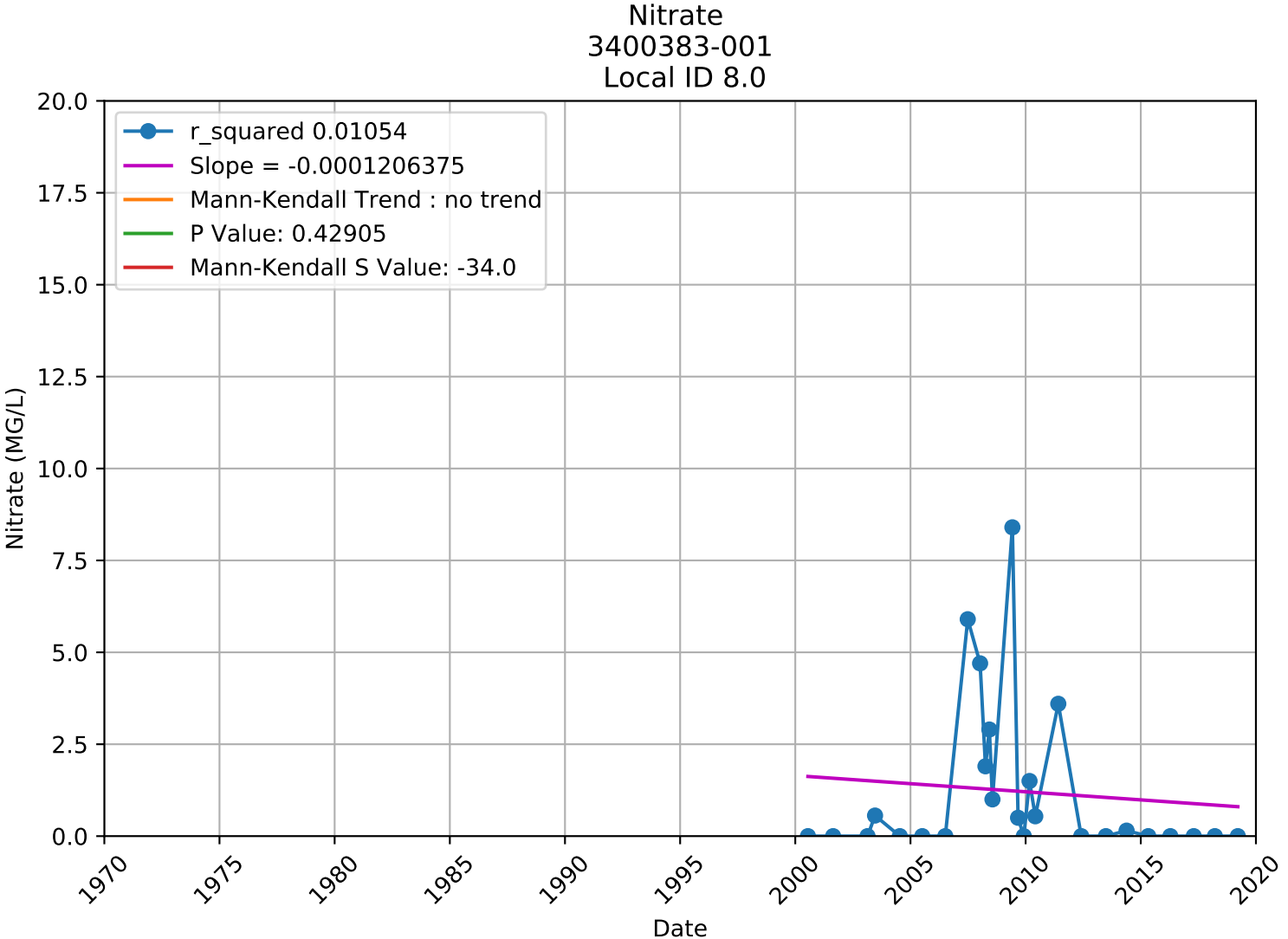

Nitrate
3400278-002
Local ID 43.0
r_squared 0.00192
Slope = 0.0000173164
Mann-Kendall Trend : no trend
P Value: 0.63122
Mann-Kendall S Value: 8.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
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2020

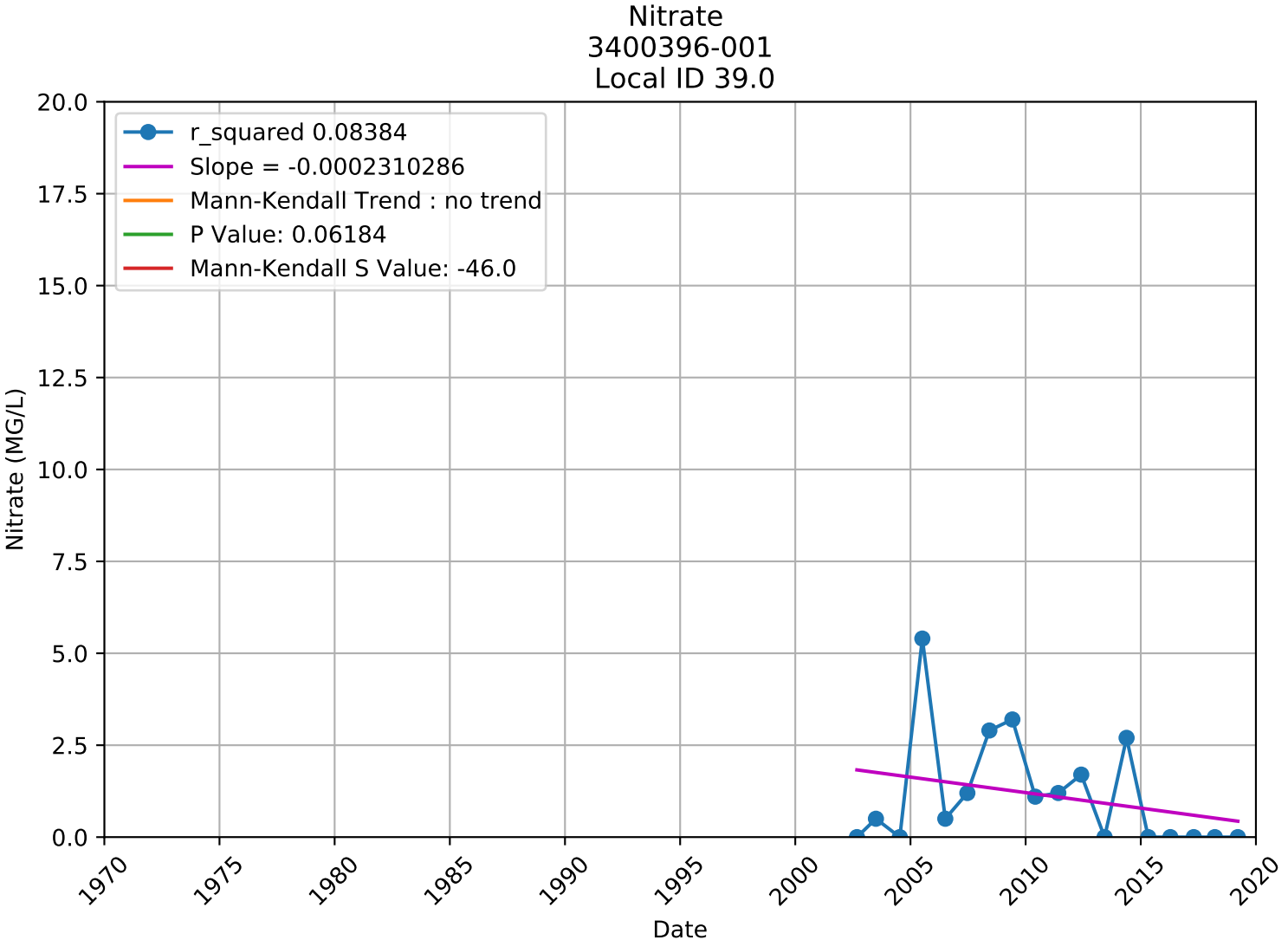

Nitrate
3400283-001
Local ID 67.0
r_squared 0.07365
Slope = 0.0002808679
Mann-Kendall Trend : no trend
P Value: 0.37109
Mann-Kendall S Value: 11.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
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2020

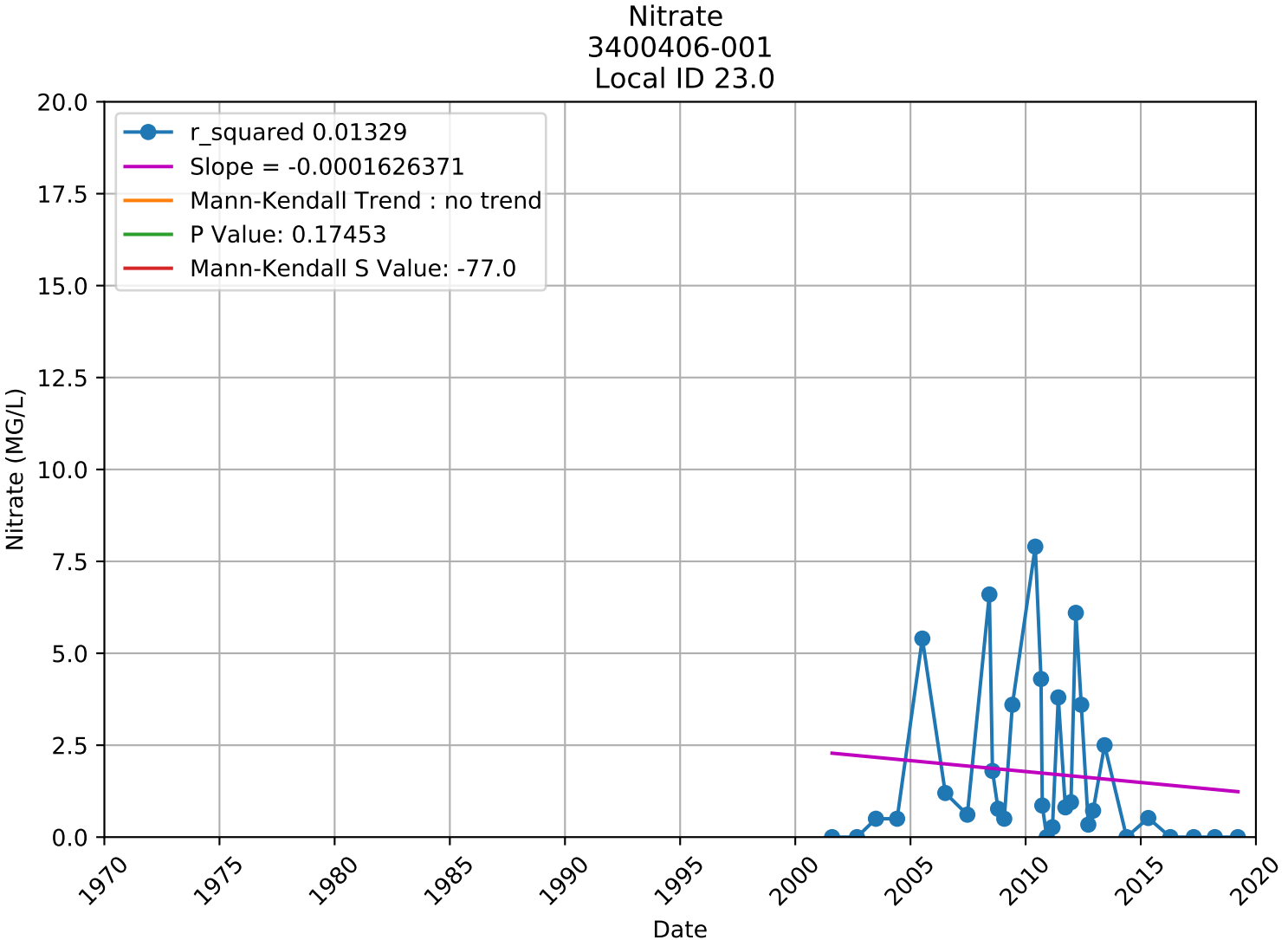

Nitrate
3400284-001
Local ID 302.0
r_squared 0.28800
Slope = -0.0013600917
Mann-Kendall Trend : decreasing
P Value: 0.02299
Mann-Kendall S Value: -34.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
1975
1980
1985
1990
1995
2000
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2010
2015
2020

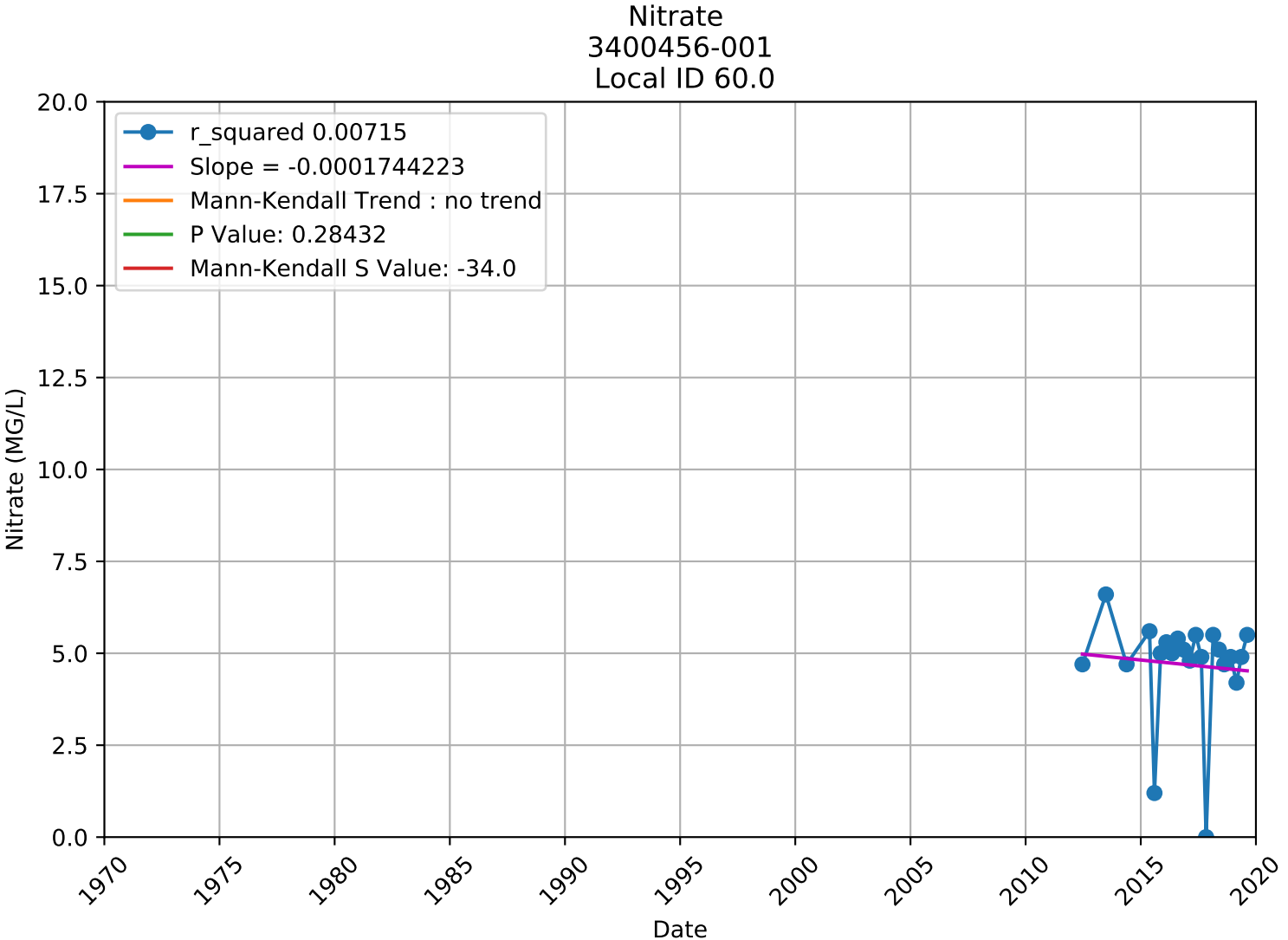

Nitrate
3400347-001
Local ID 48.0
r_squared 0.00481
Slope = -0.0001748273
Mann-Kendall Trend : no trend
P Value: 0.17797
Mann-Kendall S Value: -16.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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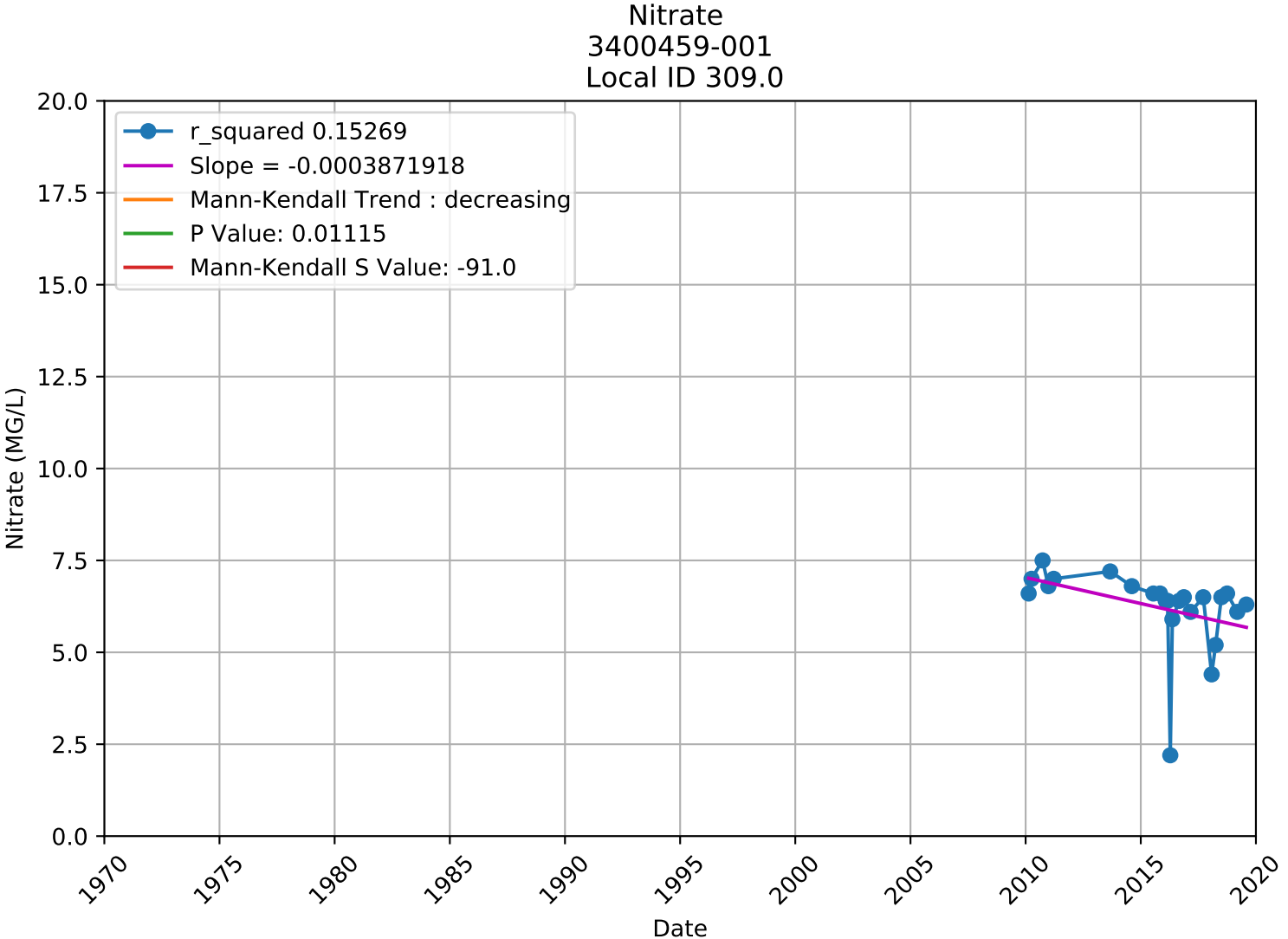

Nitrate
3400356-001
Local ID 65.0
r_squared 0.17583
Slope = 0.0000633310
Mann-Kendall Trend : no trend
P Value: 0.39565
Mann-Kendall S Value: 25.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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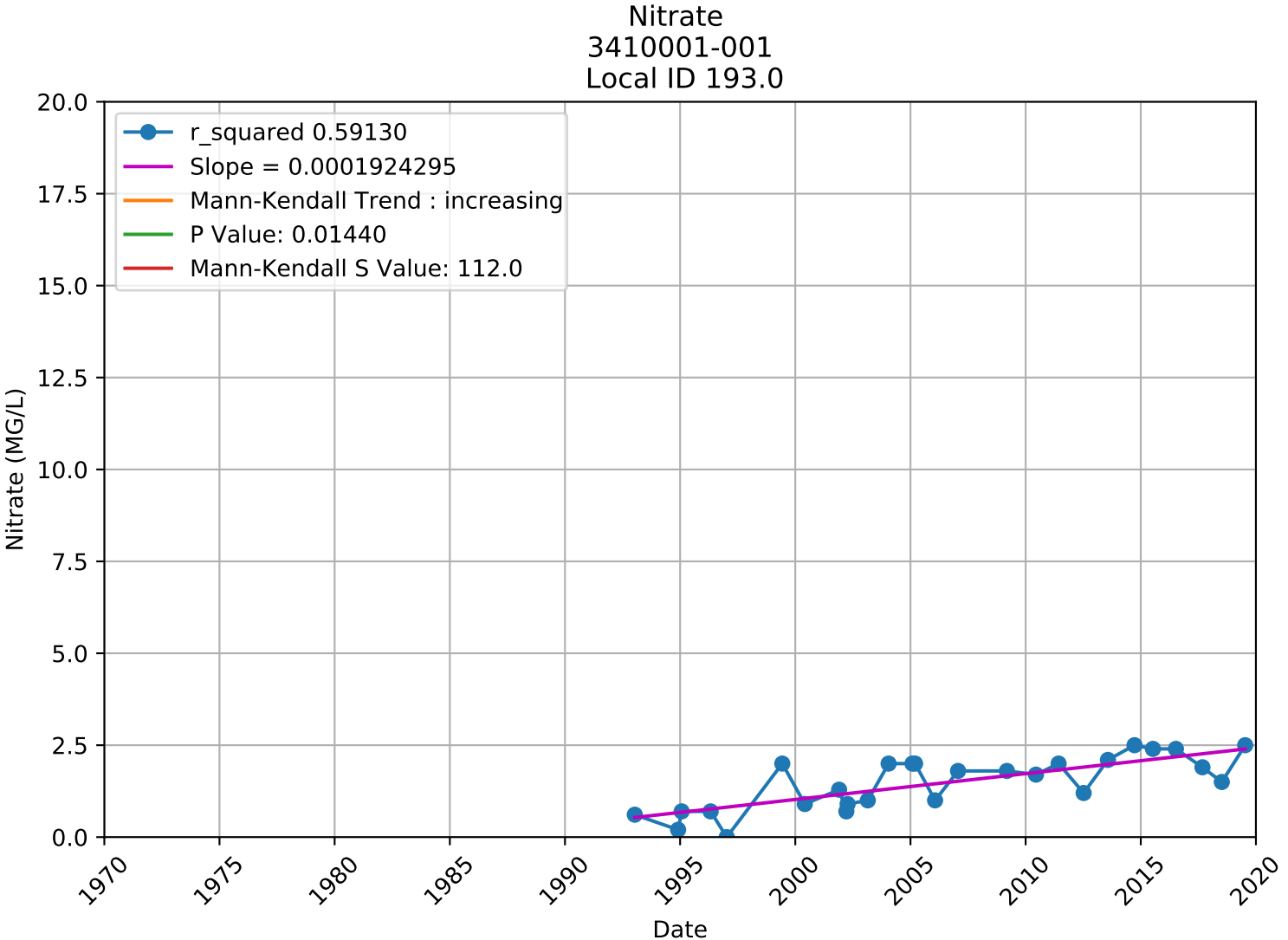

Nitrate
3400383-001
Local ID 8.0
r_squared 0.01054
Slope = -0.0001206375
Mann-Kendall Trend : no trend
P Value: 0.42905
Mann-Kendall S Value: -34.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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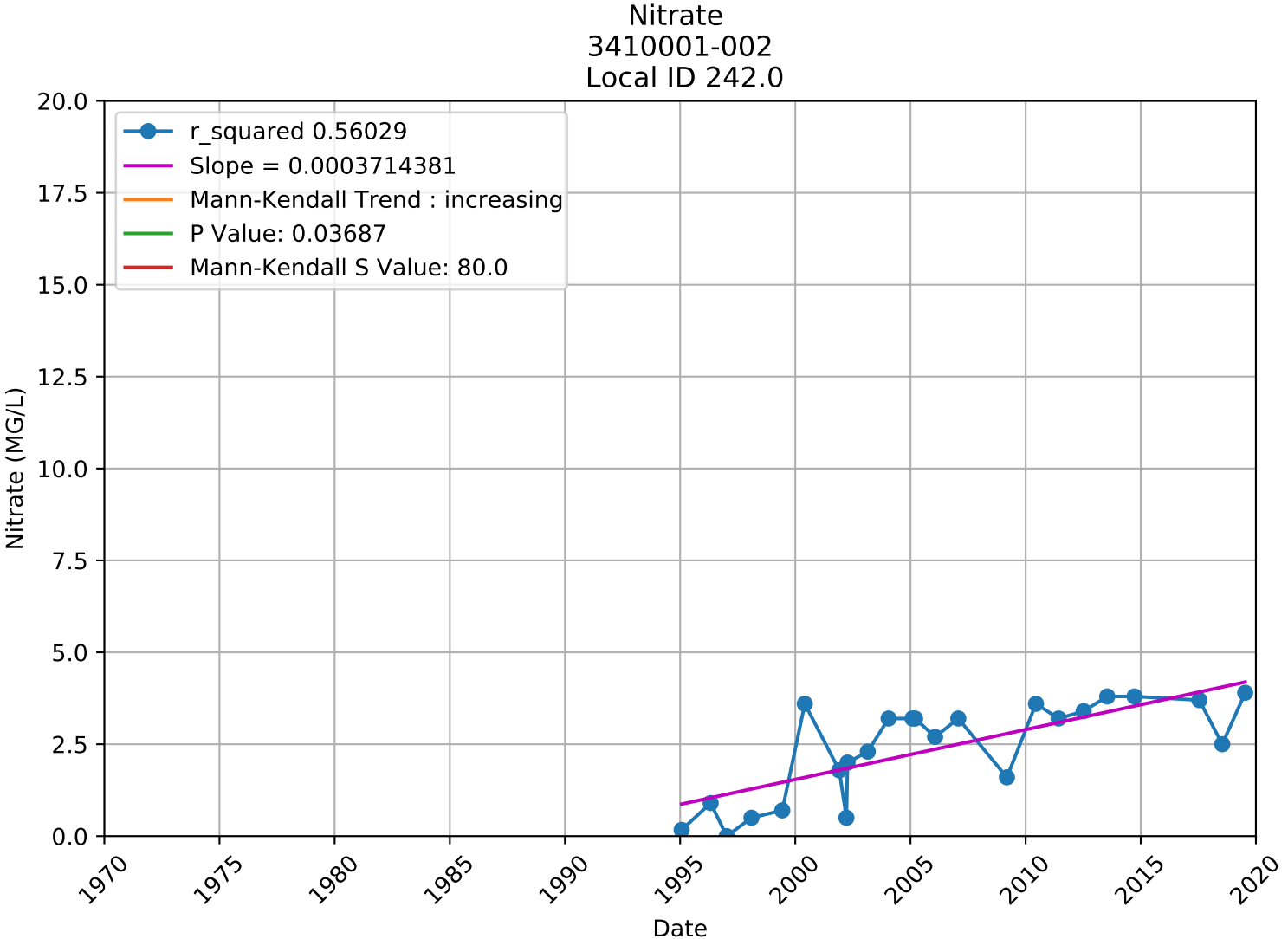

Nitrate
3400396-001
Local ID 39.0
r_squared 0.08384
Slope = -0.0002310286
Mann-Kendall Trend : no trend
P Value: 0.06184
Mann-Kendall S Value: -46.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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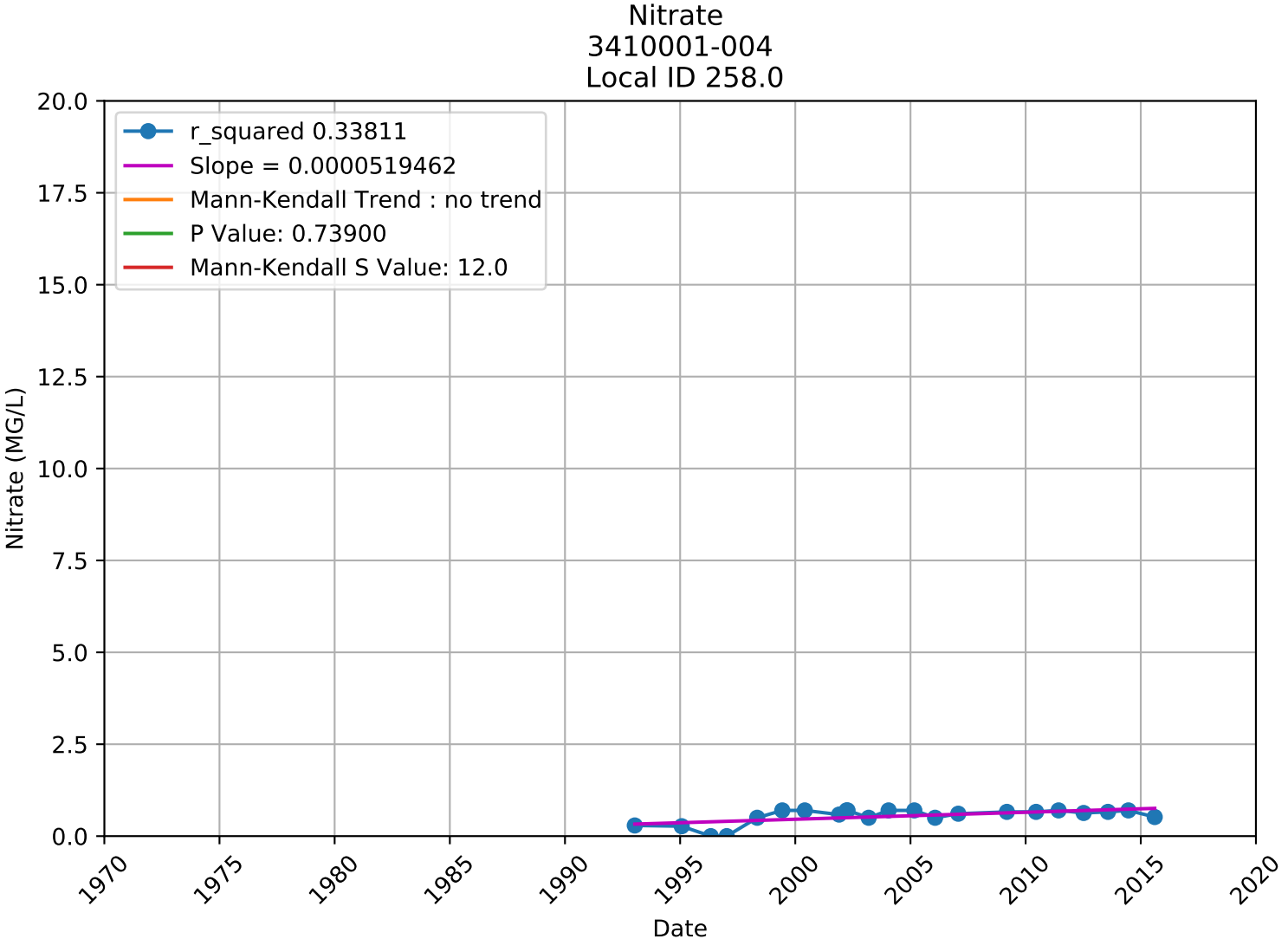

Nitrate
3400406-001
Local ID 23.0
r_squared 0.01329
Slope = -0.0001626371
Mann-Kendall Trend : no trend
P Value: 0.17453
Mann-Kendall S Value: -77.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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5.0
2.5
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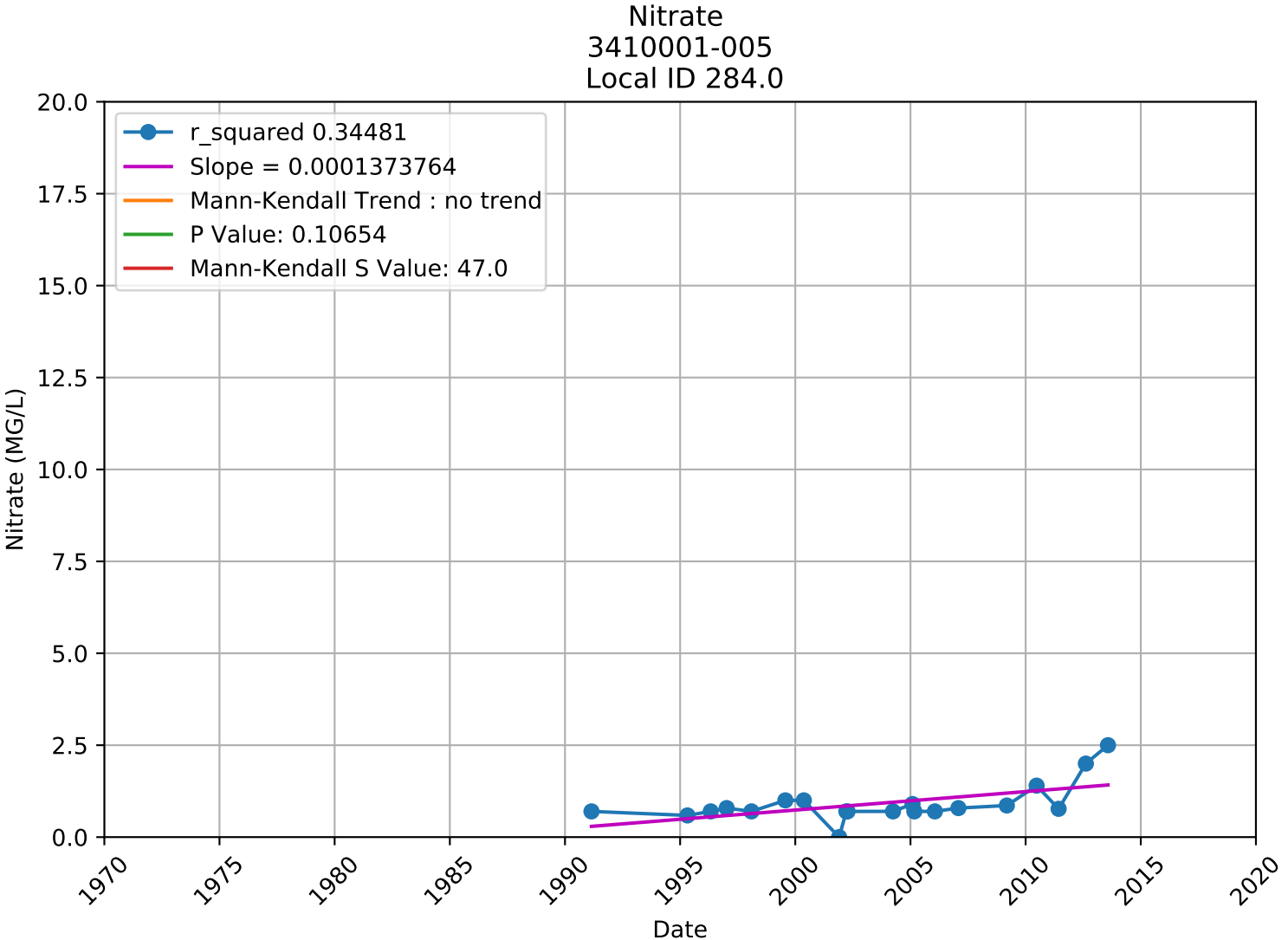

Nitrate
3400456-001
Local ID 60.0
r_squared 0.00715
Slope = -0.0001744223
Mann-Kendall Trend : no trend
P Value: 0.28432
Mann-Kendall S Value: -34.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
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2.5
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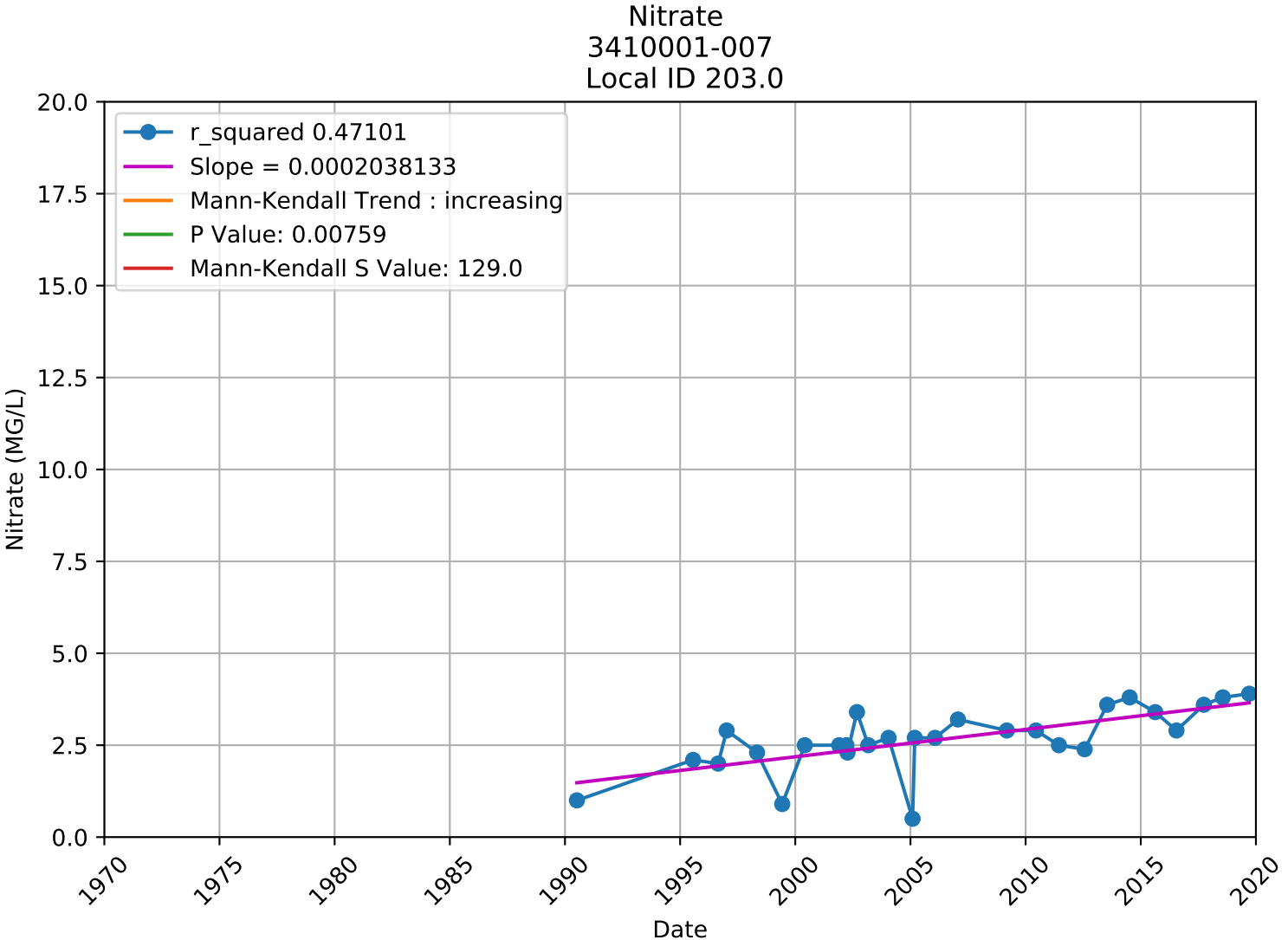

Nitrate
3400459-001
Local ID 309.0
r_squared 0.15269
Slope = -0.0003871918
Mann-Kendall Trend : decreasing
P Value: 0.01115
Mann-Kendall S Value: -91.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
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2.5
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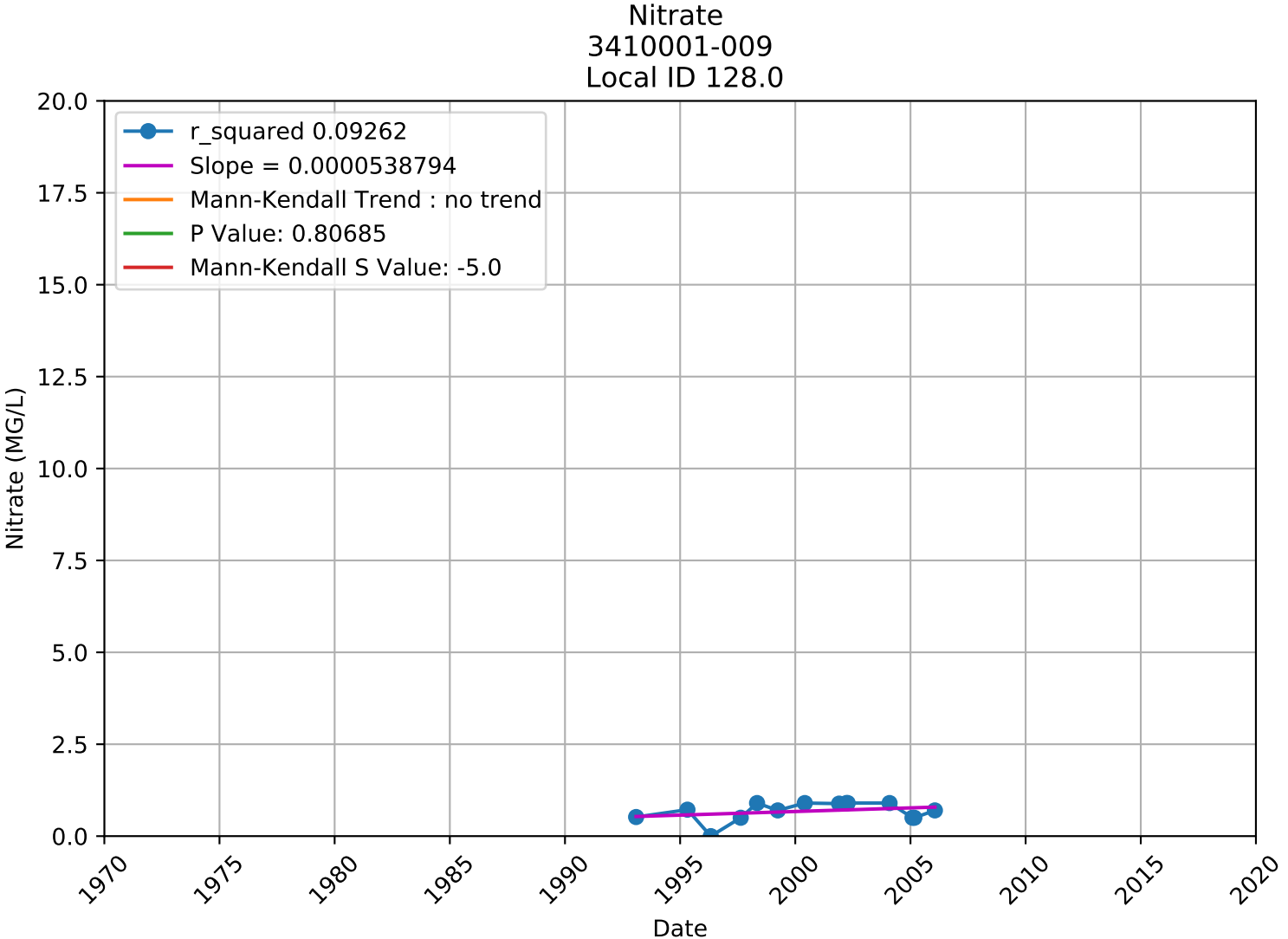

Nitrate
3410001-001
Local ID 193.0
r_squared 0.59130
Slope = 0.0001924295
Mann-Kendall Trend : increasing
P Value: 0.01440
Mann-Kendall S Value: 112.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
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1970
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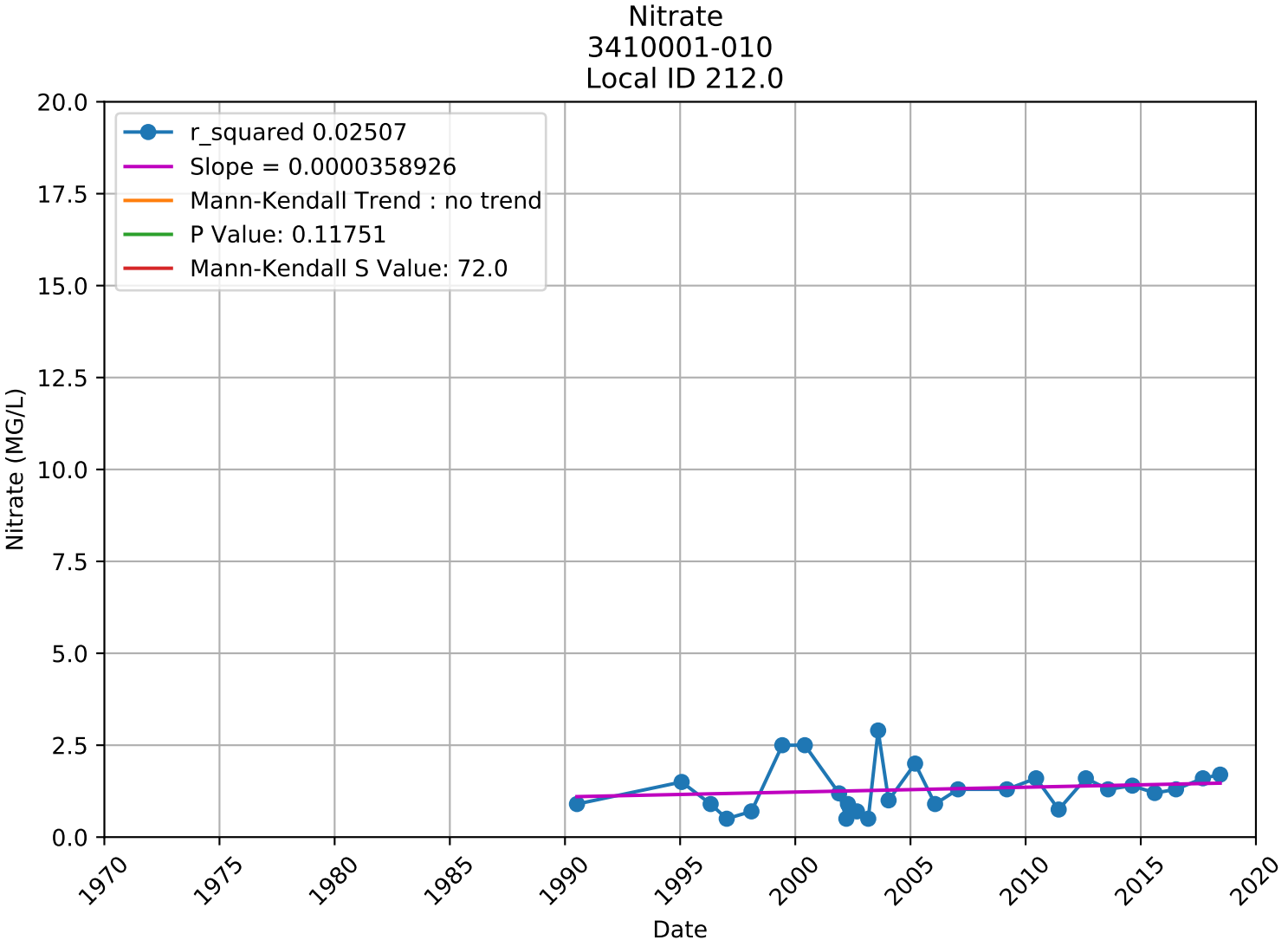

Nitrate
3410001-002
Local ID 242.0
r_squared 0.56029
Slope = 0.0003714381
Mann-Kendall Trend : increasing
P Value: 0.03687
Mann-Kendall S Value: 80.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
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1970
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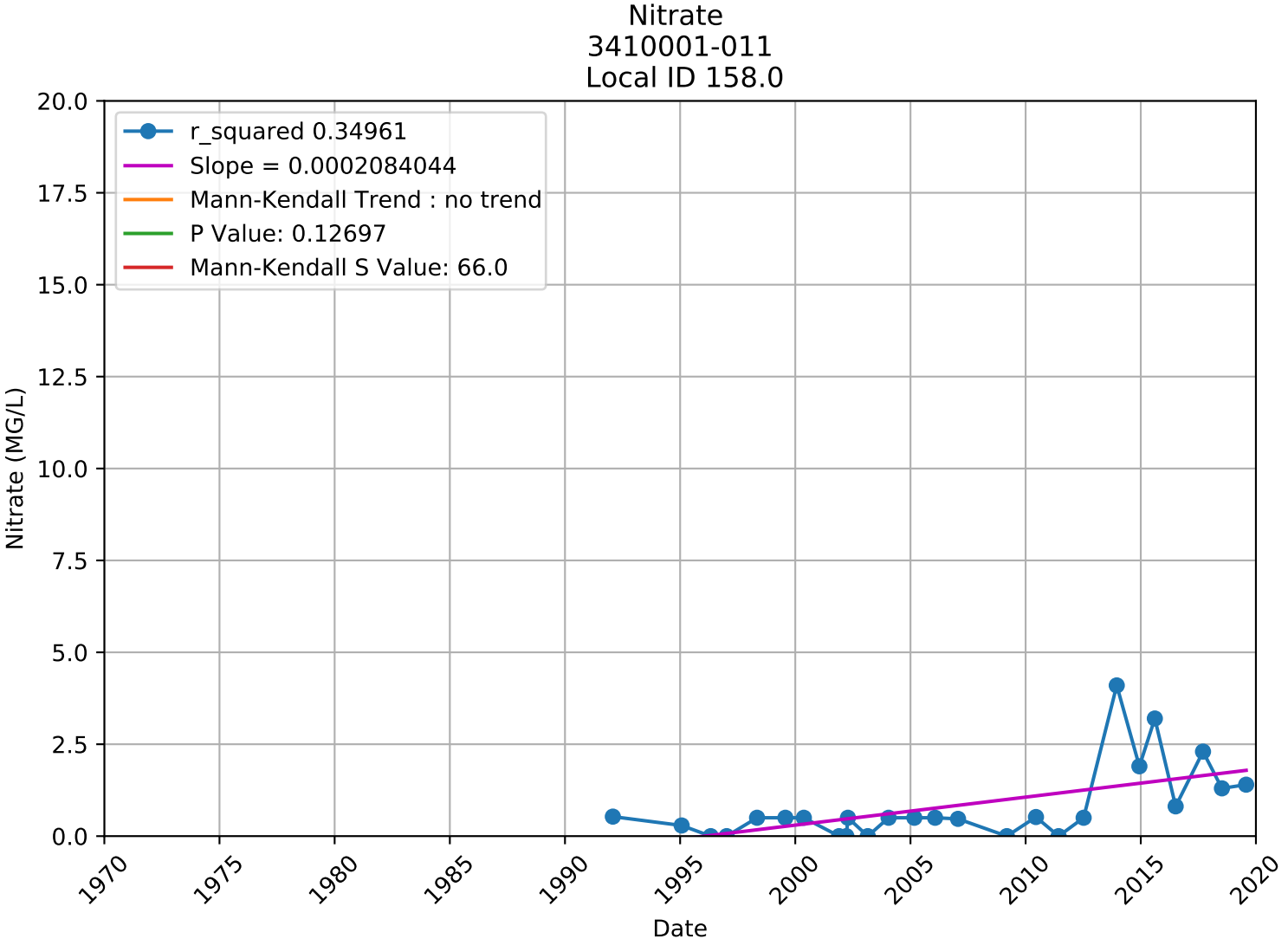

Nitrate
3410001-004
Local ID 258.0
r_squared 0.33811
Slope = 0.0000519462
Mann-Kendall Trend : no trend
P Value: 0.73900
Mann-Kendall S Value: 12.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
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1970
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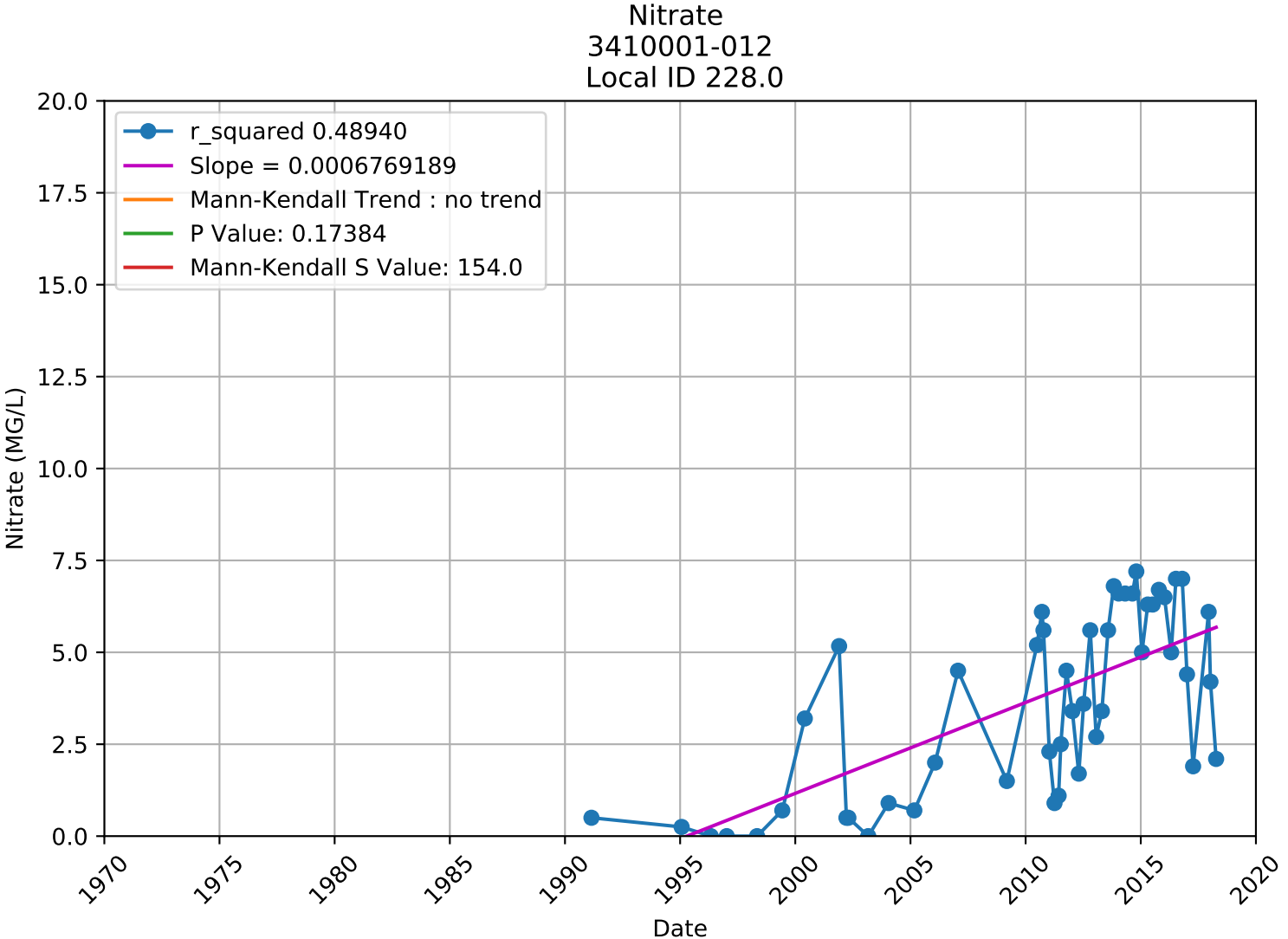

Nitrate
3410001-005
Local ID 284.0
r_squared 0.34481
Slope = 0.0001373764
Mann-Kendall Trend : no trend
P Value: 0.10654
Mann-Kendall S Value: 47.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
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1970
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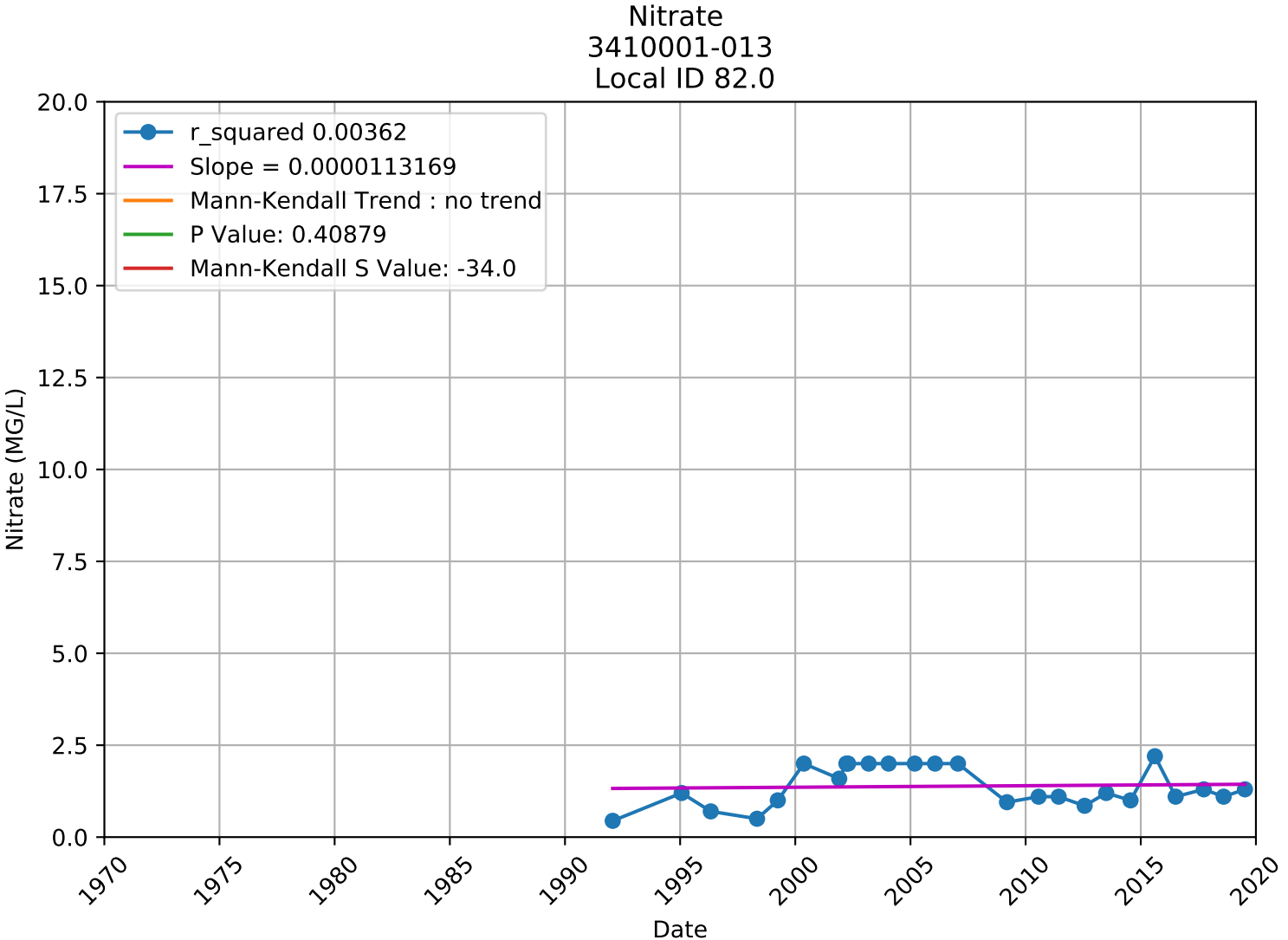

Nitrate
3410001-007
Local ID 203.0
r_squared 0.47101
Slope = 0.0002038133
Mann-Kendall Trend : increasing
P Value: 0.00759
Mann-Kendall S Value: 129.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
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1970
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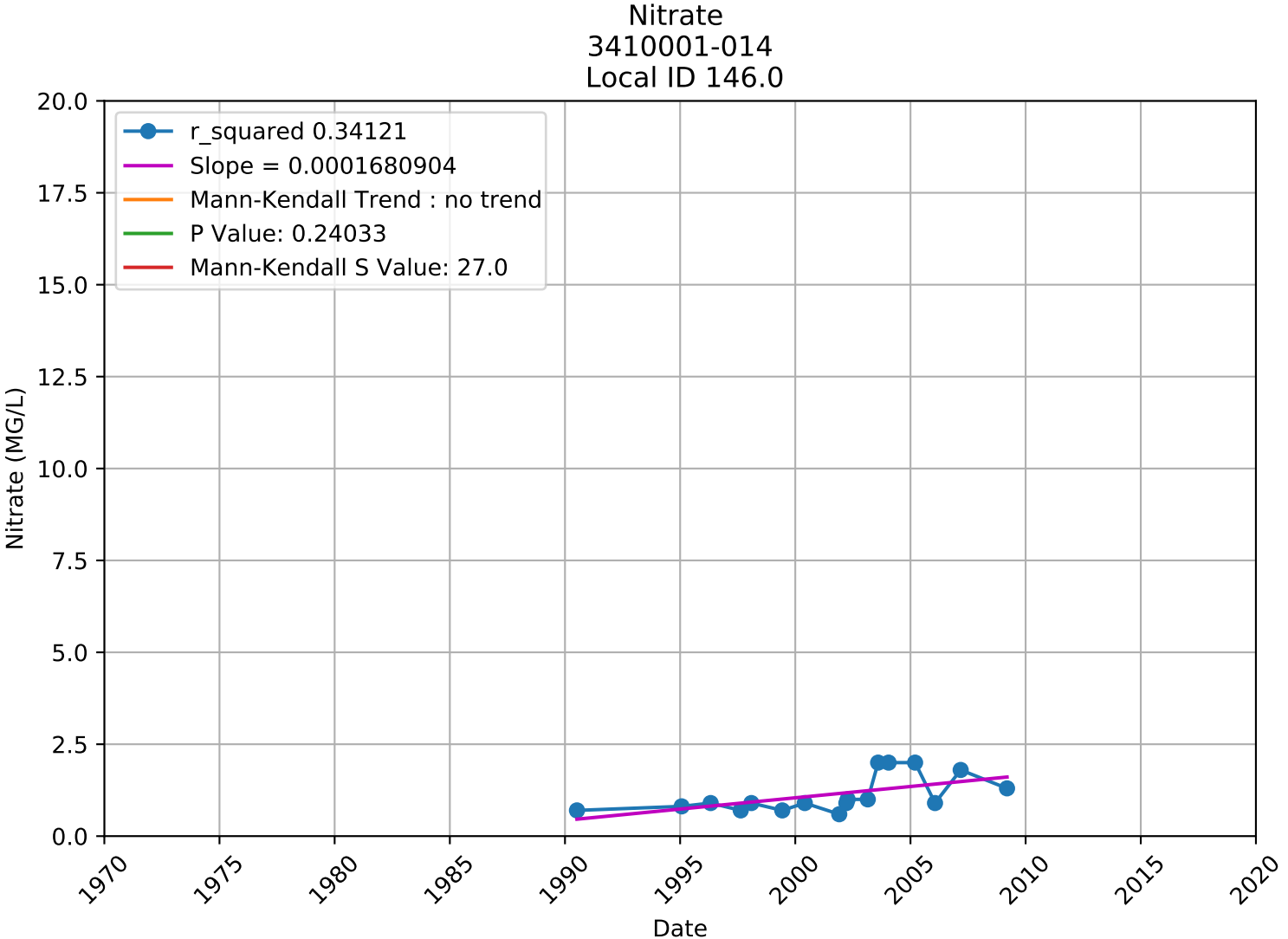

Nitrate
3410001-009
Local ID 128.0
r_squared 0.09262
Slope = 0.0000538794
Mann-Kendall Trend : no trend
P Value: 0.80685
Mann-Kendall S Value: -5.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
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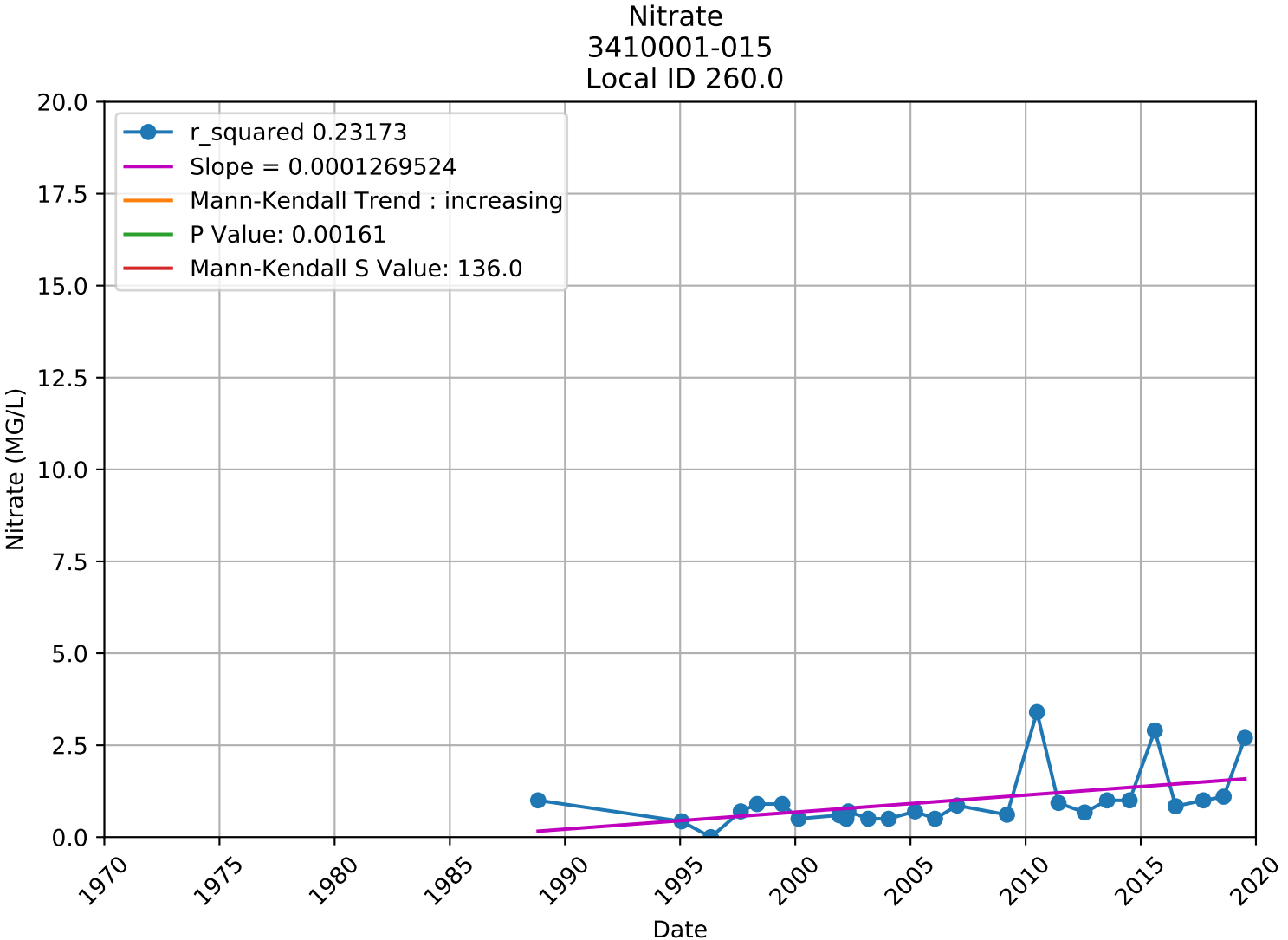

Nitrate
3410001-010
Local ID 212.0
r_squared 0.02507
Slope = 0.0000358926
Mann-Kendall Trend : no trend
P Value: 0.11751
Mann-Kendall S Value: 72.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
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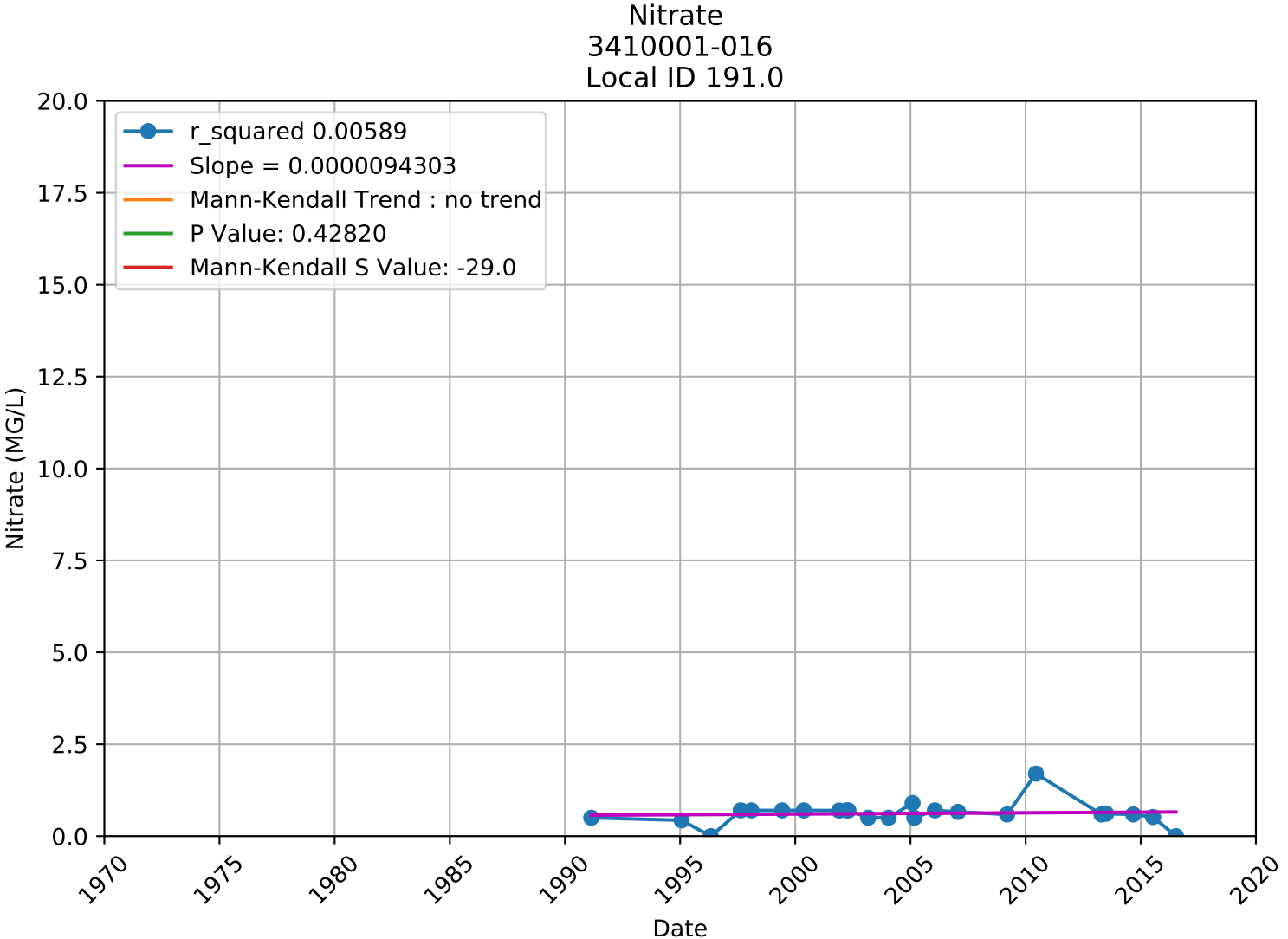

Nitrate
3410001-011
Local ID 158.0
r_squared 0.34961
Slope = 0.0002084044
Mann-Kendall Trend : no trend
P Value: 0.12697
Mann-Kendall S Value: 66.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
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1970
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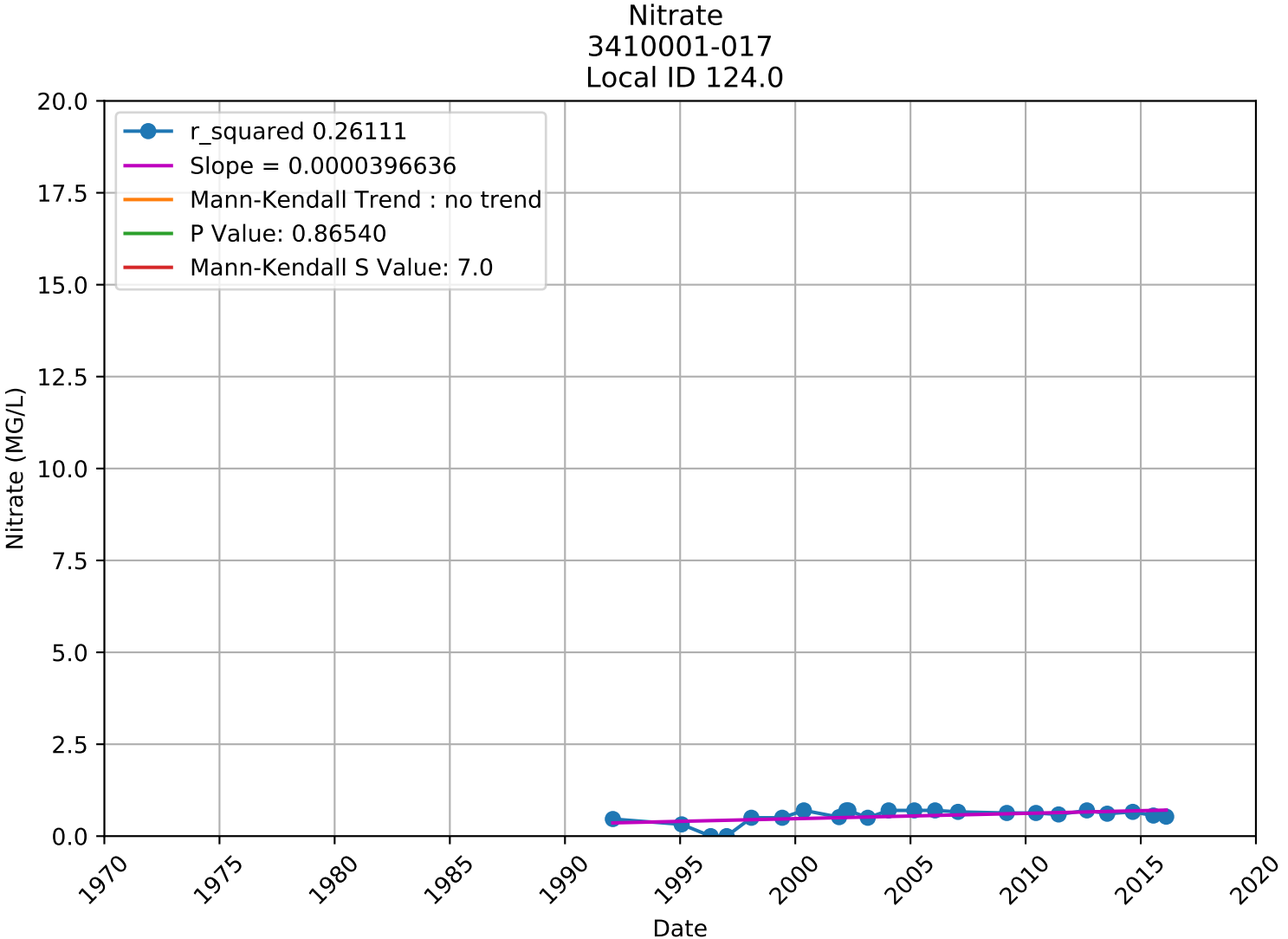

Nitrate
3410001-012
Local ID 228.0
r_squared 0.48940
Slope = 0.0006769189
Mann-Kendall Trend : no trend
P Value: 0.17384
Mann-Kendall S Value: 154.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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5.0
2.5
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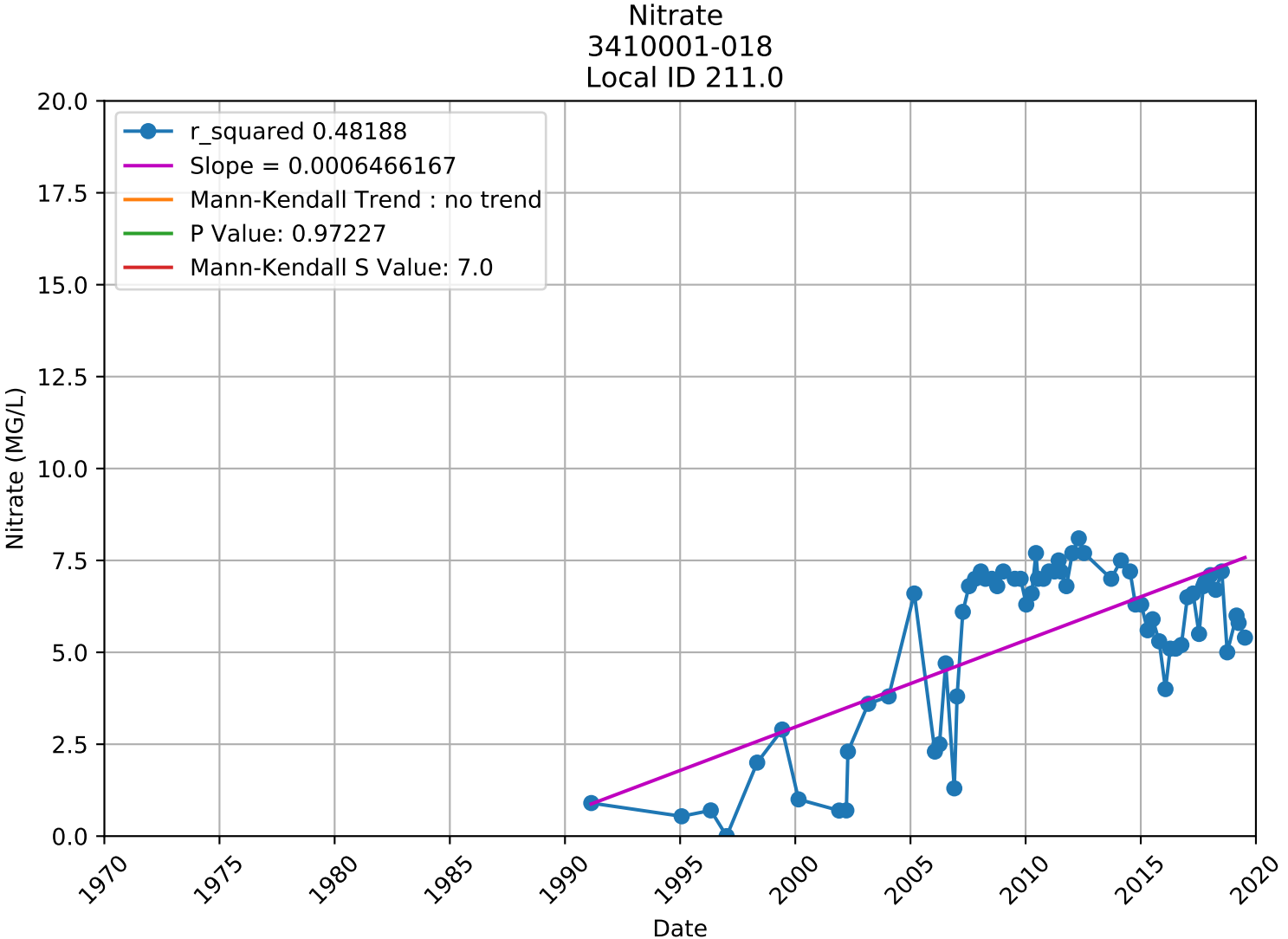

Nitrate
3410001-013
Local ID 82.0
r_squared 0.00362
Slope = 0.0000113169
Mann-Kendall Trend : no trend
P Value: 0.40879
Mann-Kendall S Value: -34.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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5.0
2.5
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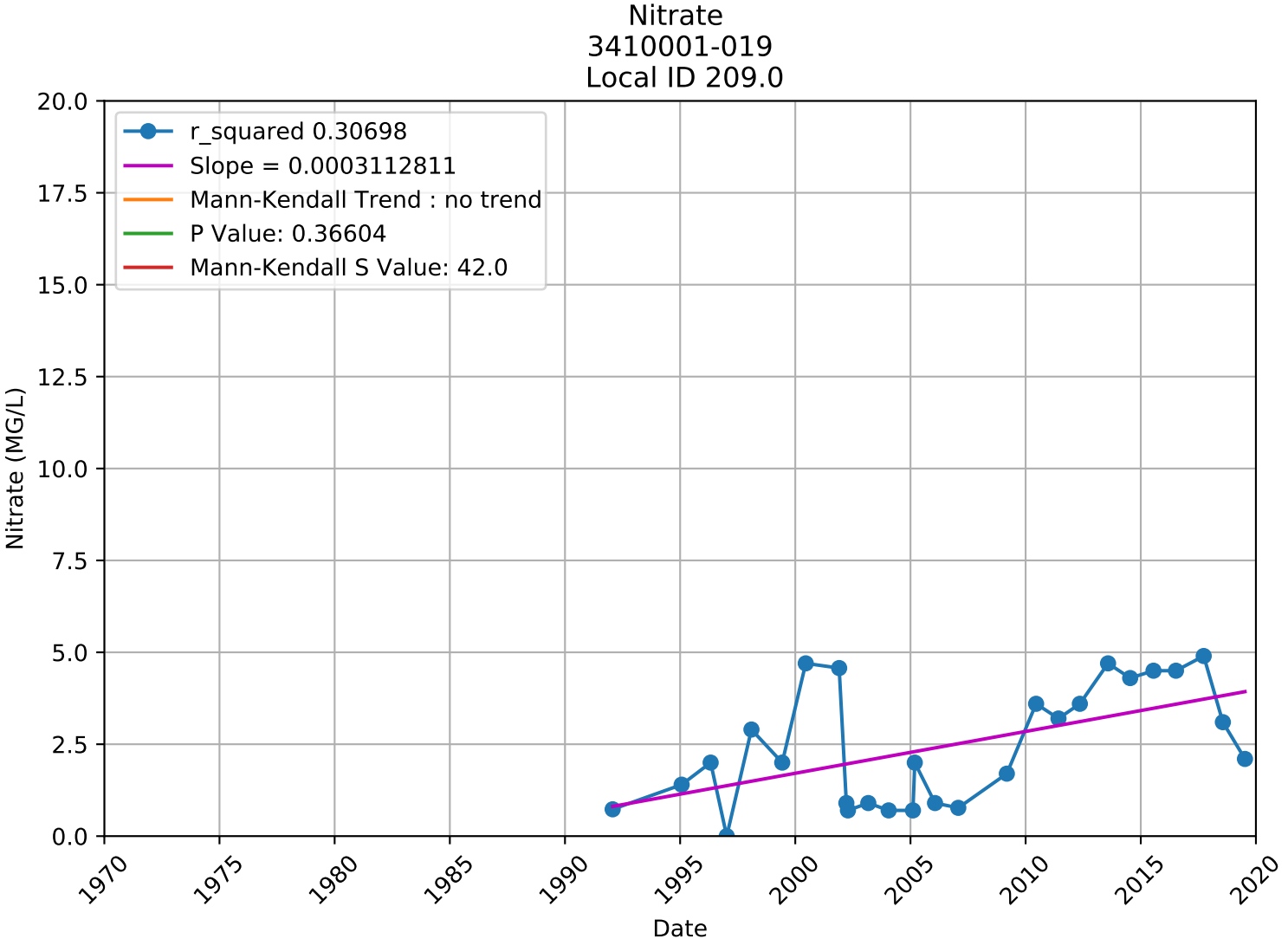

Nitrate
3410001-014
Local ID 146.0
r_squared 0.34121
Slope = 0.0001680904
Mann-Kendall Trend : no trend
P Value: 0.24033
Mann-Kendall S Value: 27.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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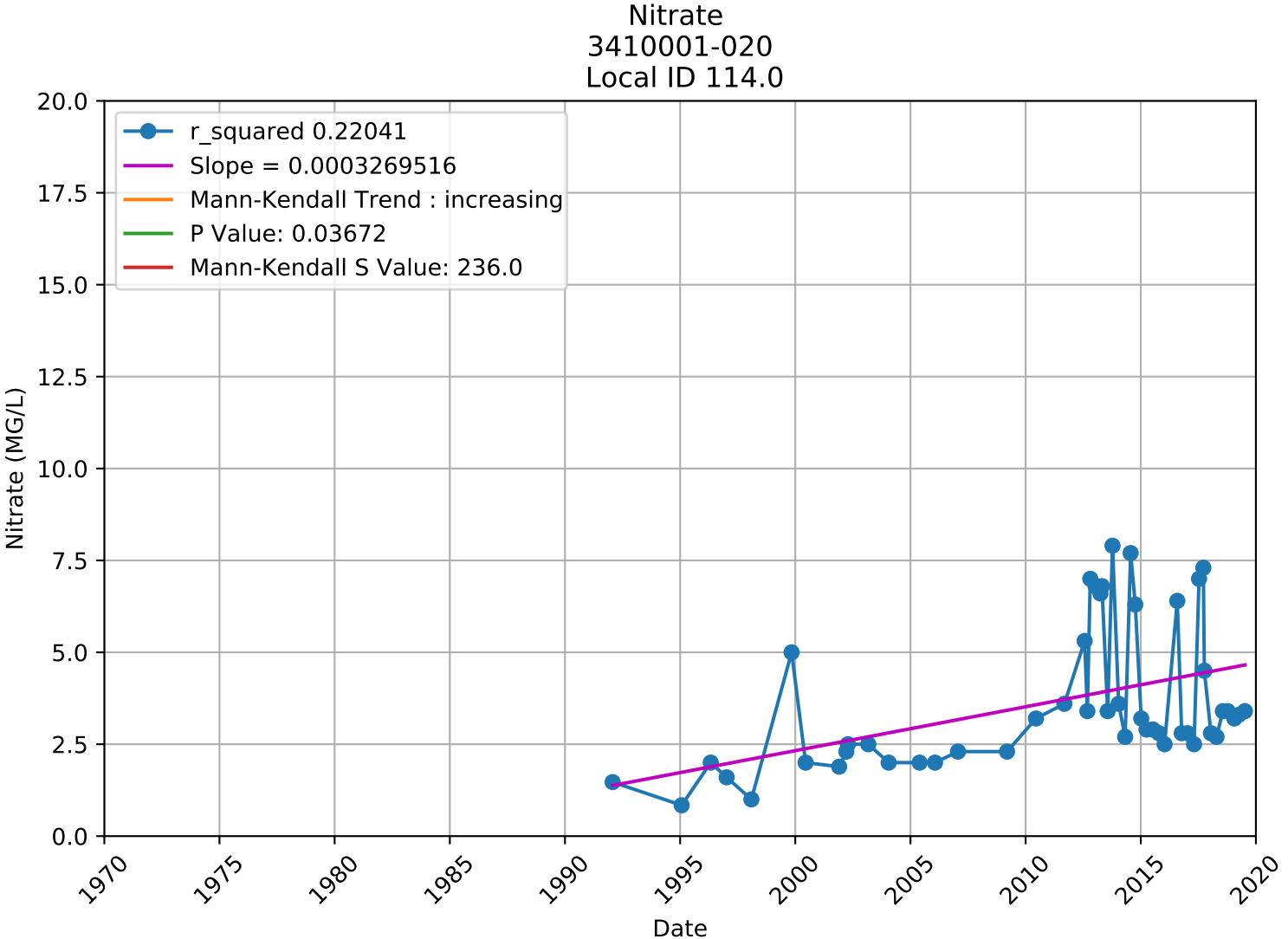

Nitrate
3410001-015
Local ID 260.0
r_squared 0.23173
Slope = 0.0001269524
Mann-Kendall Trend : increasing
P Value: 0.00161
Mann-Kendall S Value: 136.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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5.0
2.5
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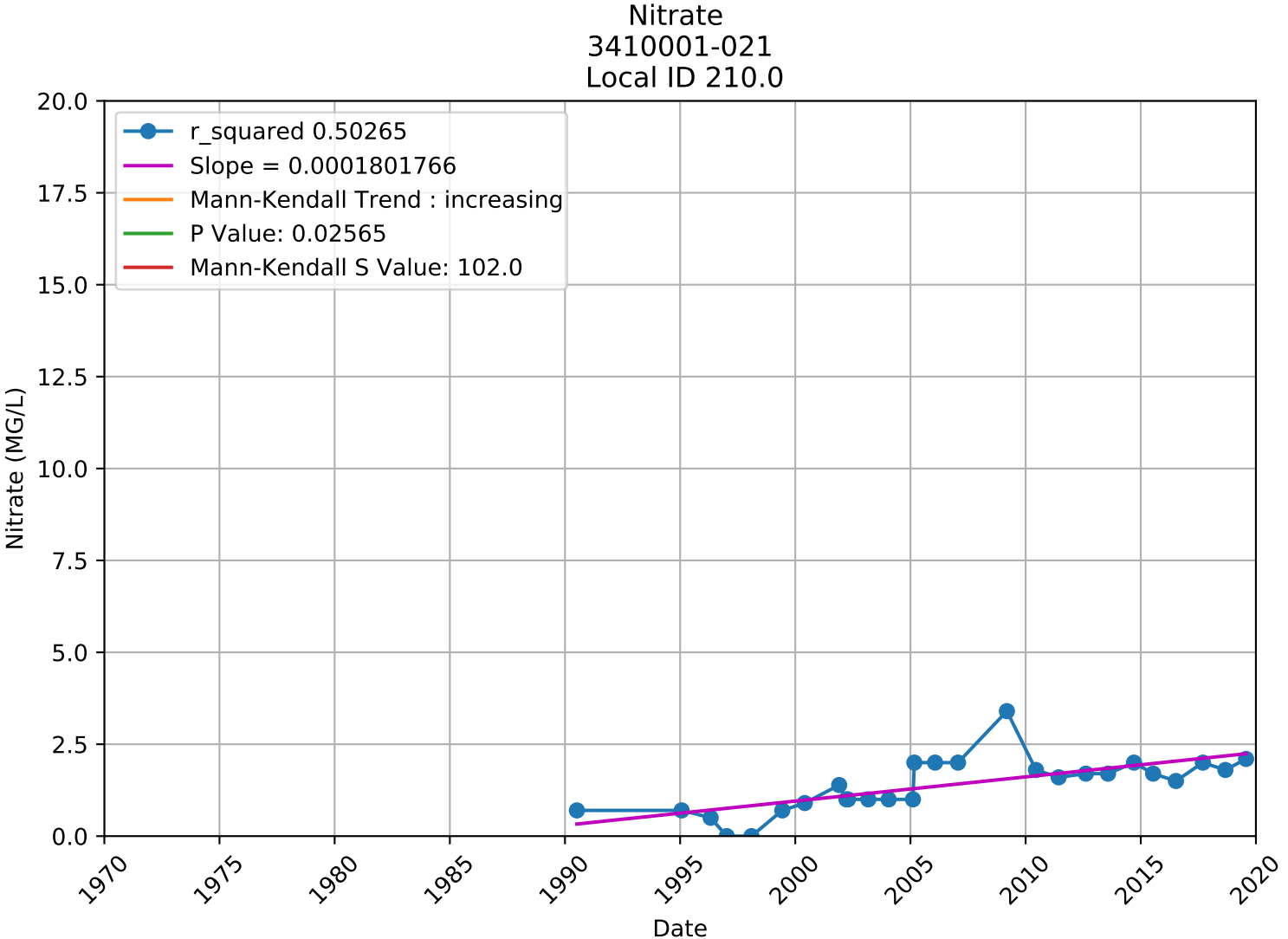

Nitrate
3410001-016
Local ID 191.0
r_squared 0.00589
Slope = 0.0000094303
Mann-Kendall Trend : no trend
P Value: 0.42820
Mann-Kendall S Value: -29.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
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5.0
2.5
0.0
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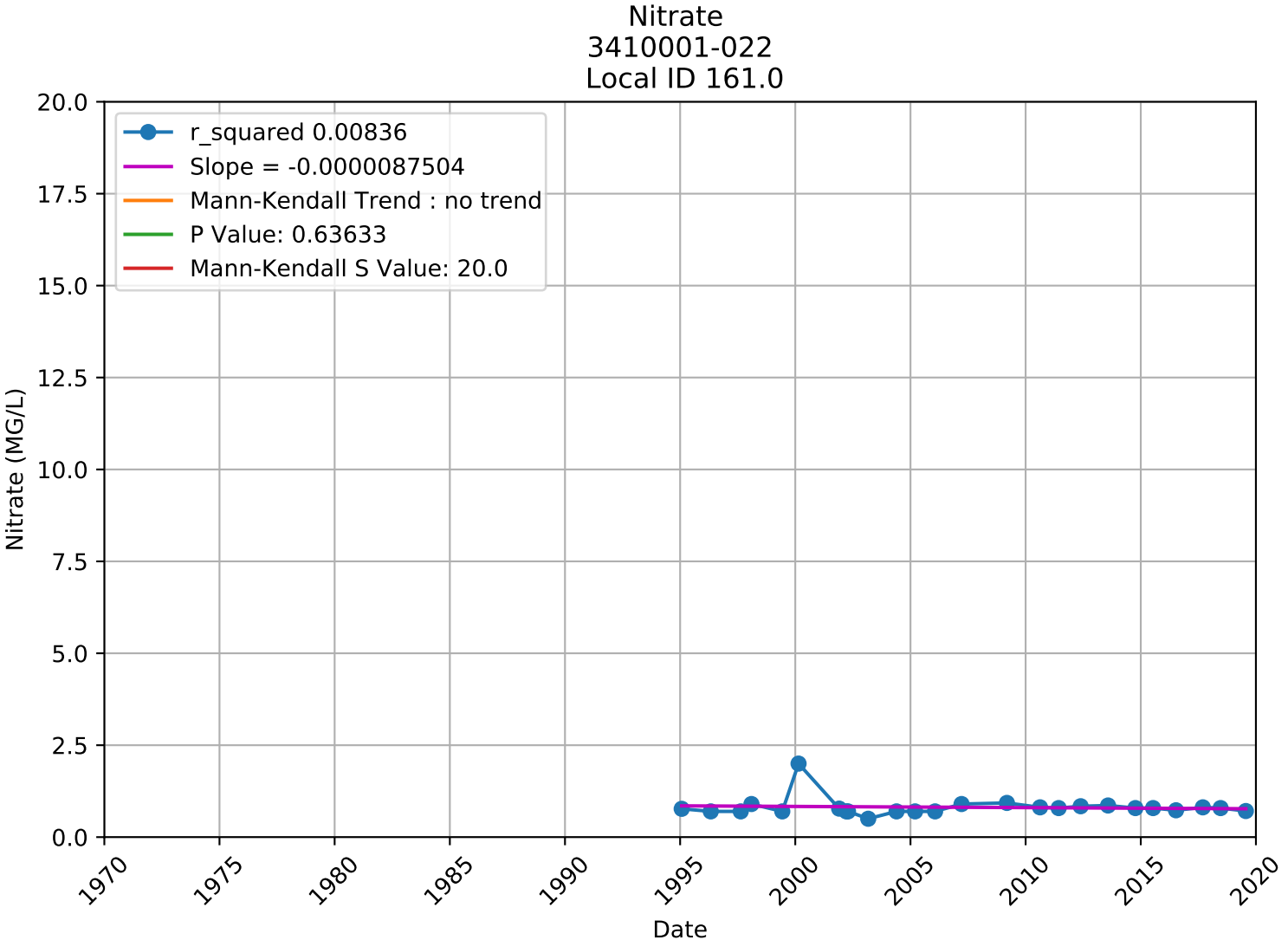

Nitrate
3410001-017
Local ID 124.0
r_squared 0.26111
Slope = 0.0000396636
Mann-Kendall Trend : no trend
P Value: 0.86540
Mann-Kendall S Value: 7.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
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5.0
2.5
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1970
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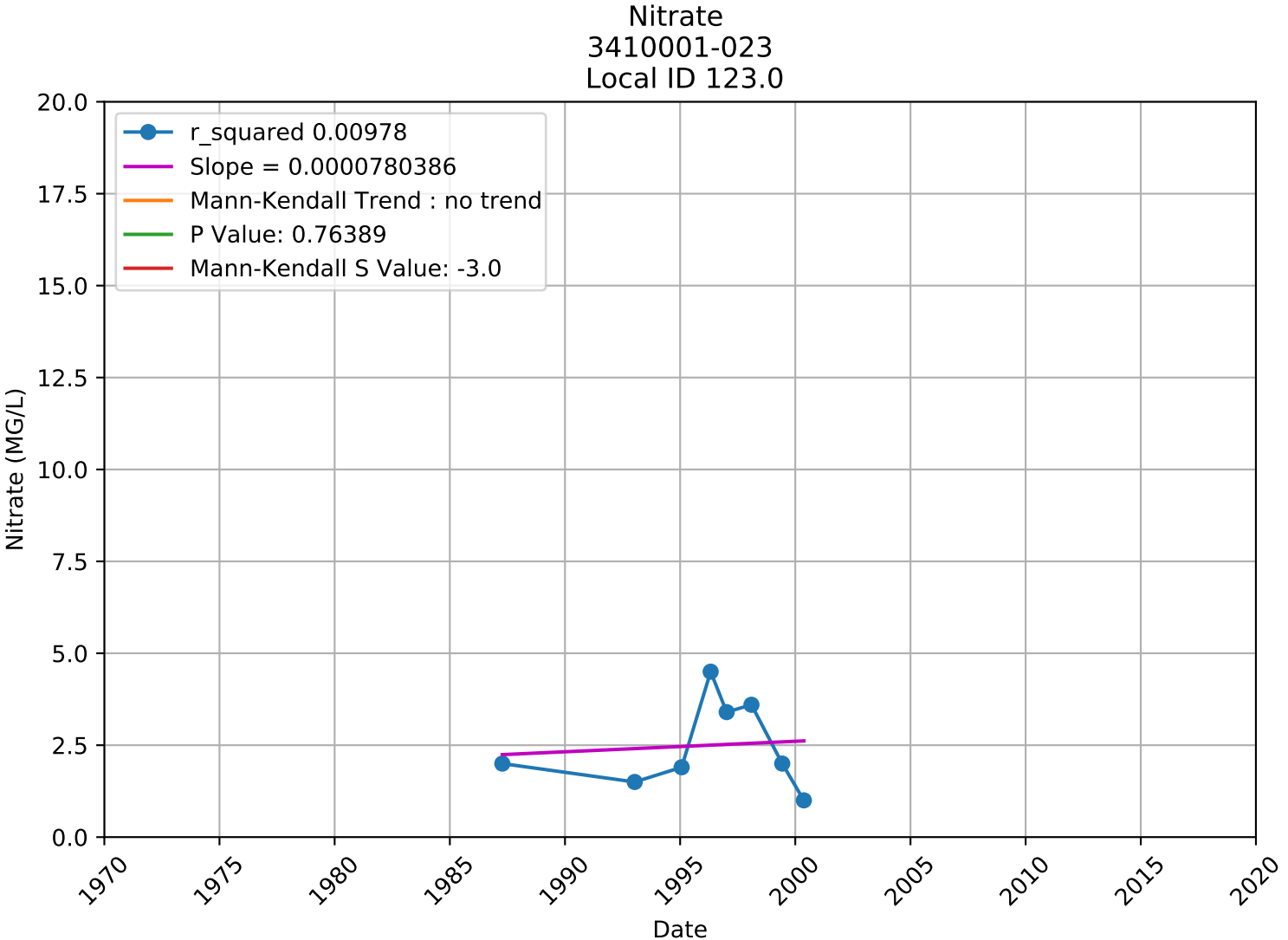

Nitrate
3410001-018
Local ID 211.0
r_squared 0.48188
Slope = 0.0006466167
Mann-Kendall Trend : no trend
P Value: 0.97227
Mann-Kendall S Value: 7.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
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5.0
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1970
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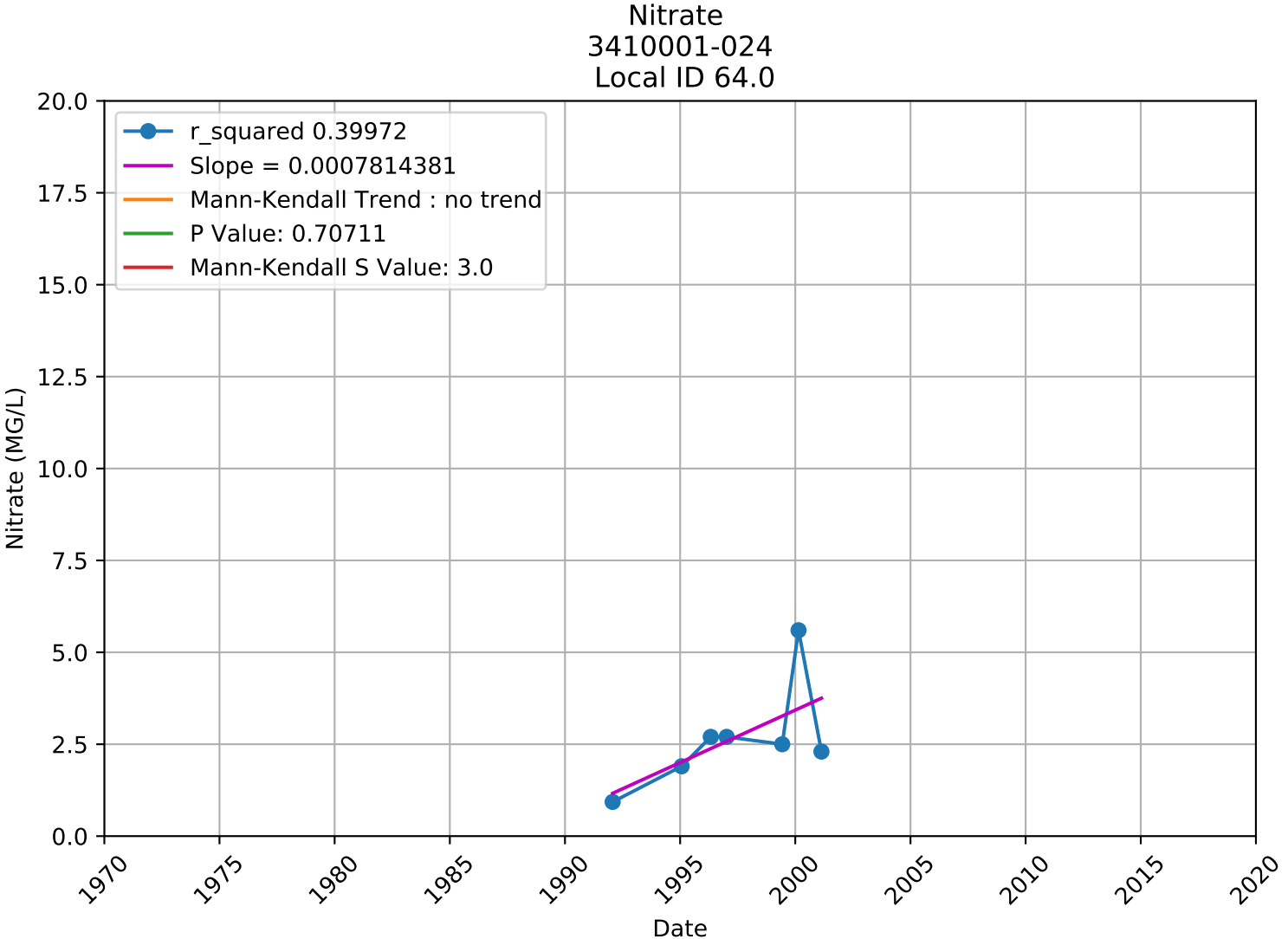

Nitrate
3410001-019
Local ID 209.0
r_squared 0.30698
Slope = 0.0003112811
Mann-Kendall Trend : no trend
P Value: 0.36604
Mann-Kendall S Value: 42.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
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2020

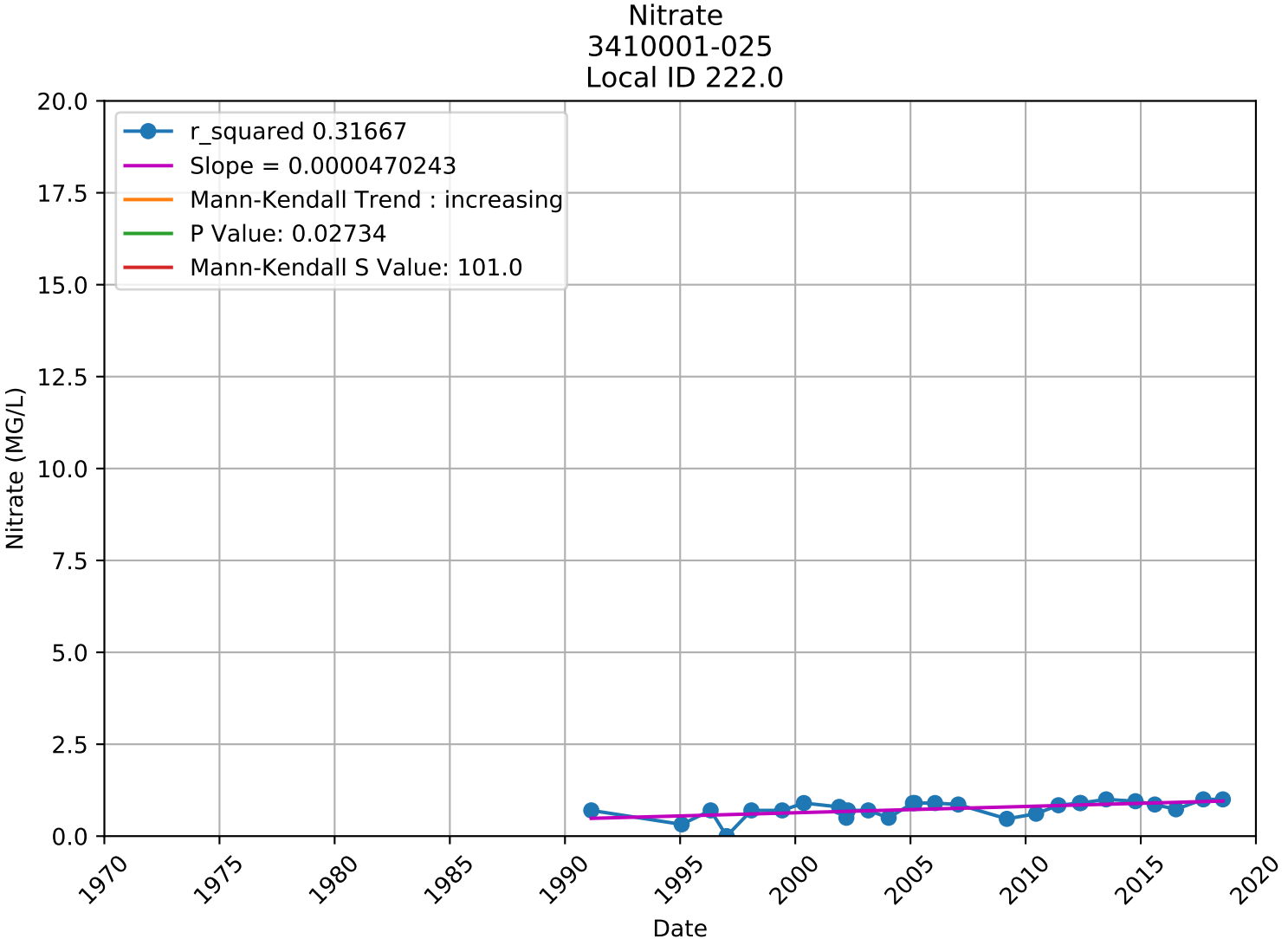

Nitrate
3410001-020
Local ID 114.0
r_squared 0.22041
Slope = 0.0003269516
Mann-Kendall Trend : increasing
P Value: 0.03672
Mann-Kendall S Value: 236.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
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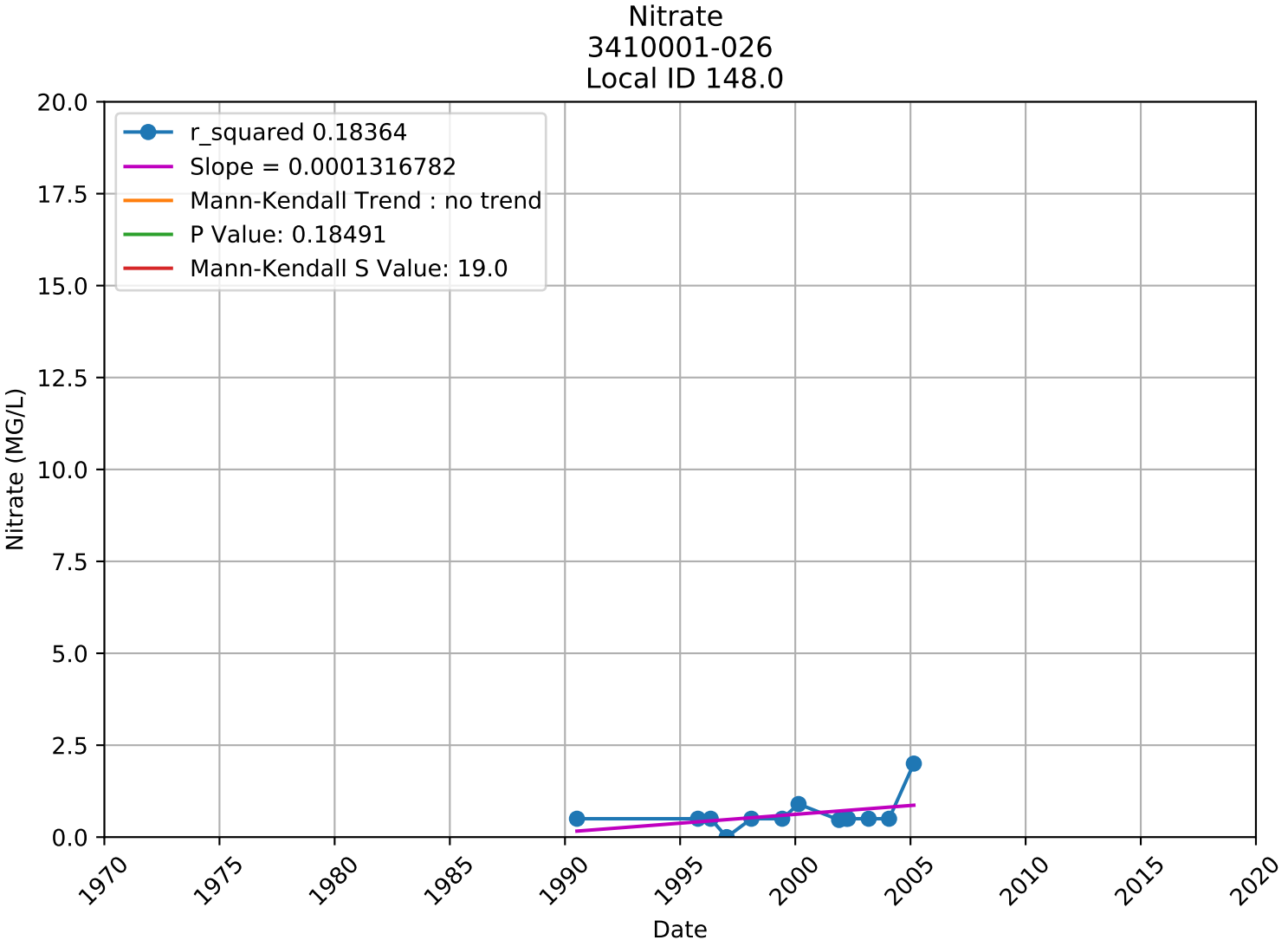

Nitrate
3410001-021
Local ID 210.0
r_squared 0.50265
Slope = 0.0001801766
Mann-Kendall Trend : increasing
P Value: 0.02565
Mann-Kendall S Value: 102.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
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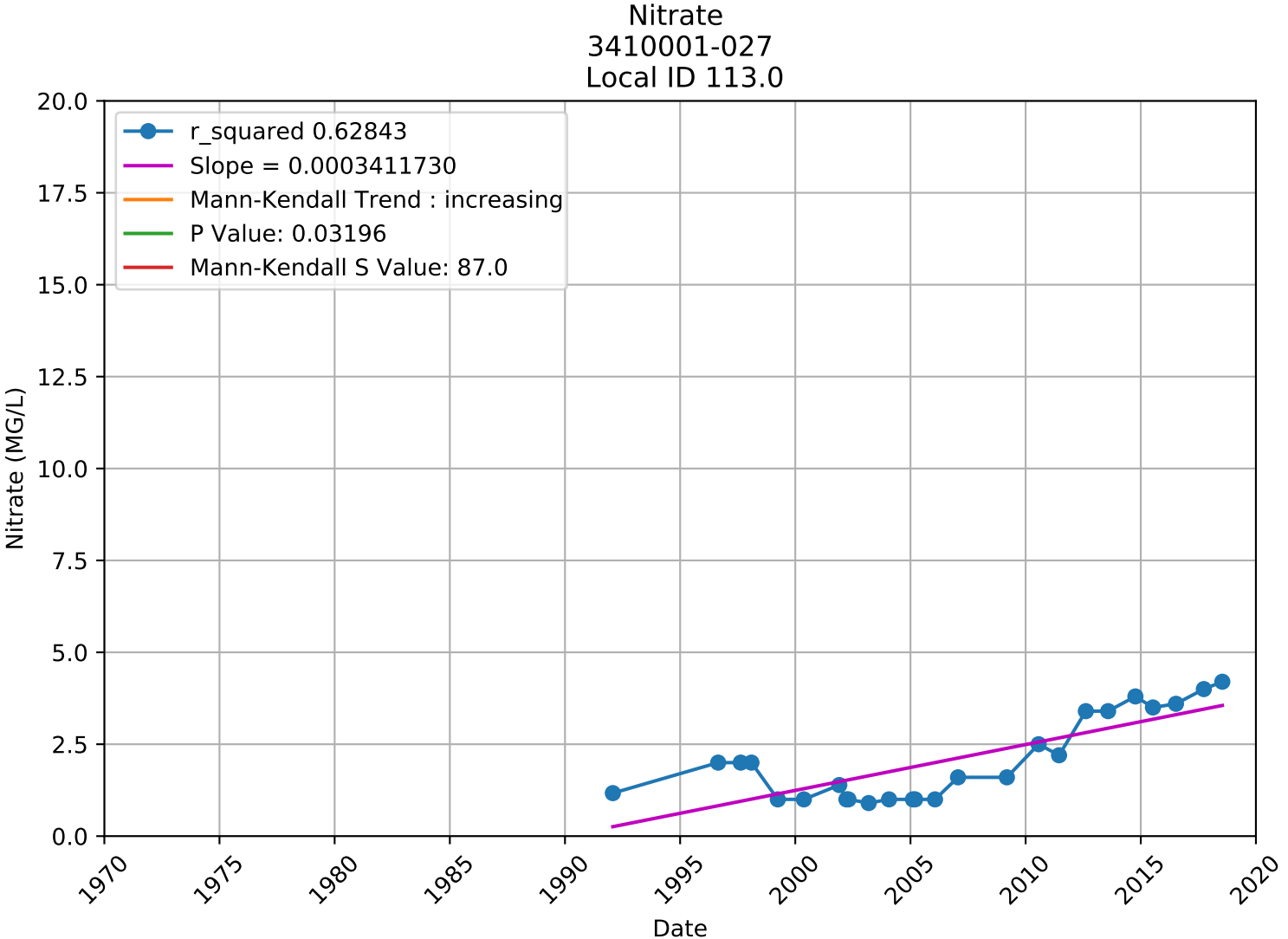

Nitrate
3410001-022
Local ID 161.0
r_squared 0.00836
Slope = -0.0000087504
Mann-Kendall Trend : no trend
P Value: 0.63633
Mann-Kendall S Value: 20.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
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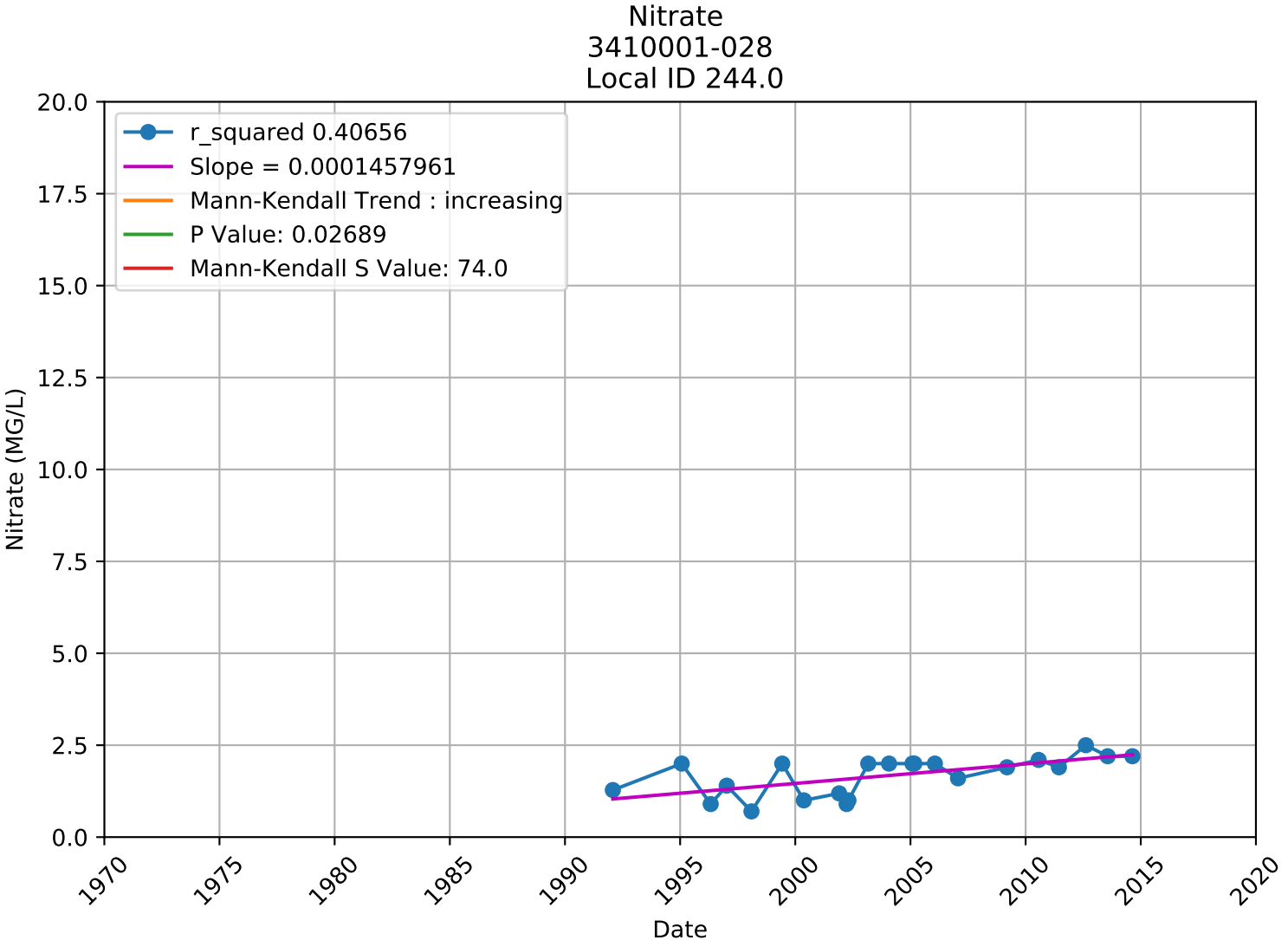

Nitrate
3410001-023
Local ID 123.0
r_squared 0.00978
Slope = 0.0000780386
Mann-Kendall Trend : no trend
P Value: 0.76389
Mann-Kendall S Value: -3.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
1975
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1985
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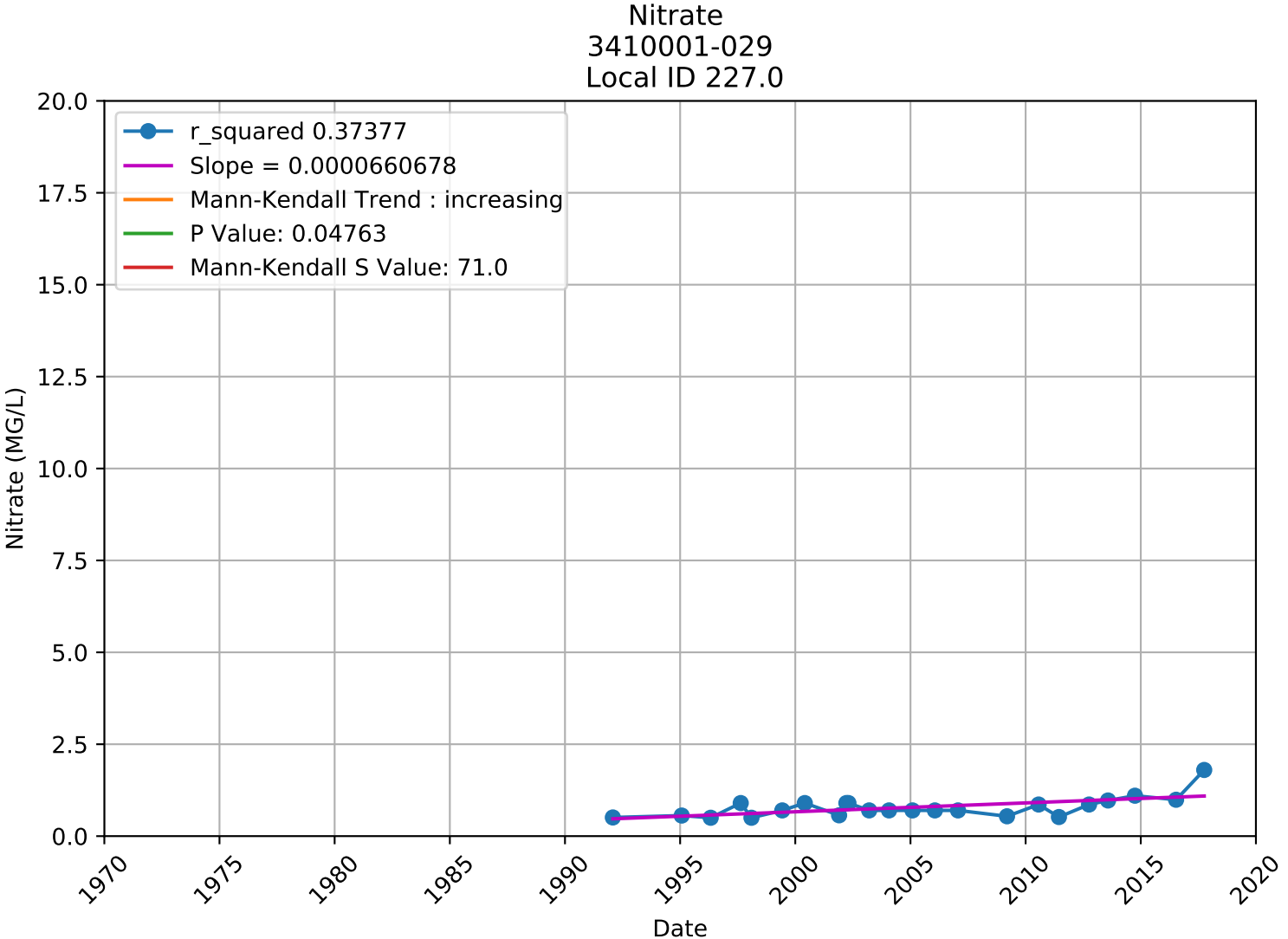

Nitrate
3410001-024
Local ID 64.0
r_squared 0.39972
Slope = 0.0007814381
Mann-Kendall Trend : no trend
P Value: 0.70711
Mann-Kendall S Value: 3.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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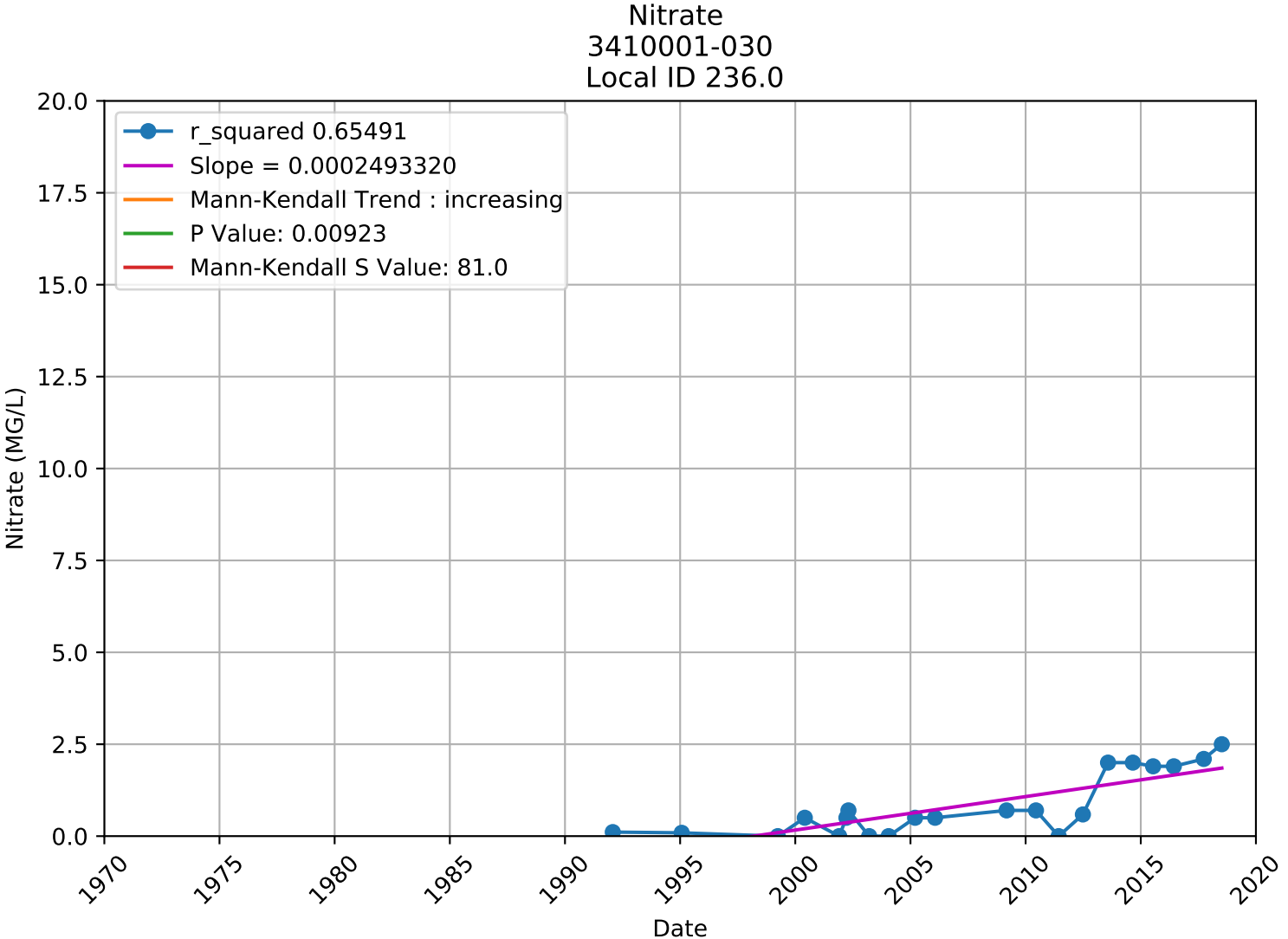

Nitrate
3410001-025
Local ID 222.0
r_squared 0.31667
Slope = 0.0000470243
Mann-Kendall Trend : increasing
P Value: 0.02734
Mann-Kendall S Value: 101.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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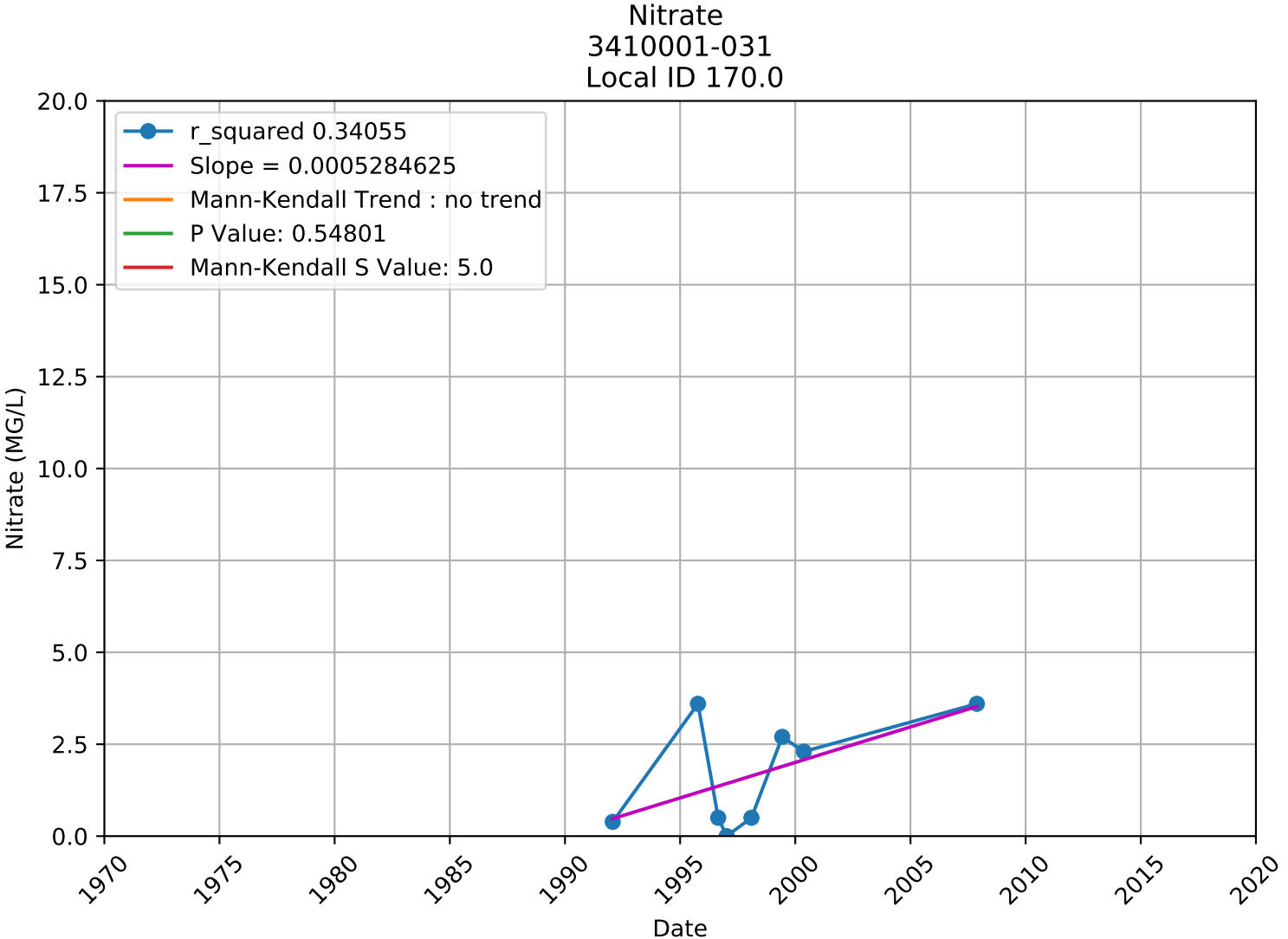

Nitrate
3410001-026
Local ID 148.0
r_squared 0.18364
Slope = 0.0001316782
Mann-Kendall Trend : no trend
P Value: 0.18491
Mann-Kendall S Value: 19.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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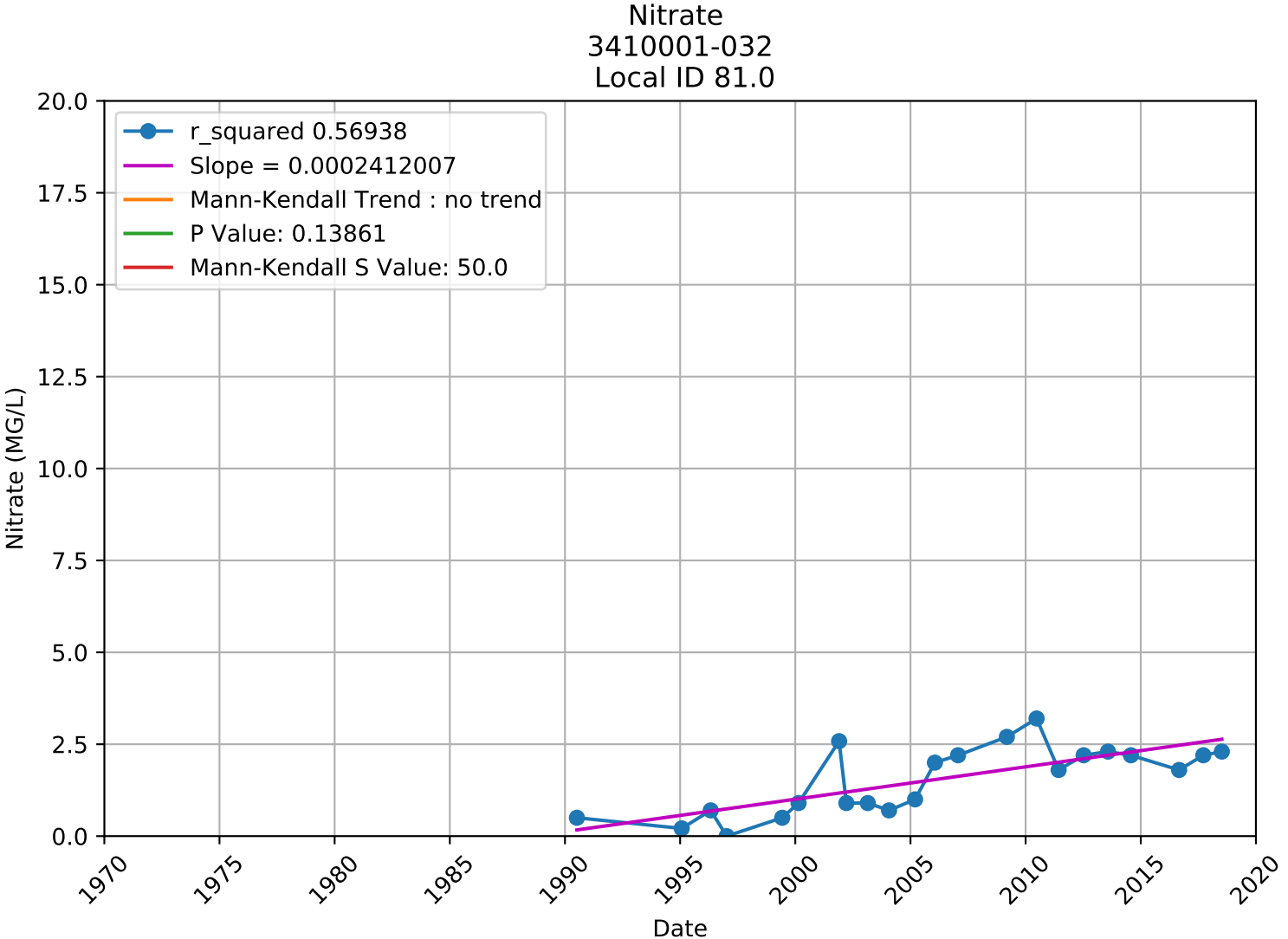

Nitrate
3410001-027
Local ID 113.0
r_squared 0.62843
Slope = 0.0003411730
Mann-Kendall Trend : increasing
P Value: 0.03196
Mann-Kendall S Value: 87.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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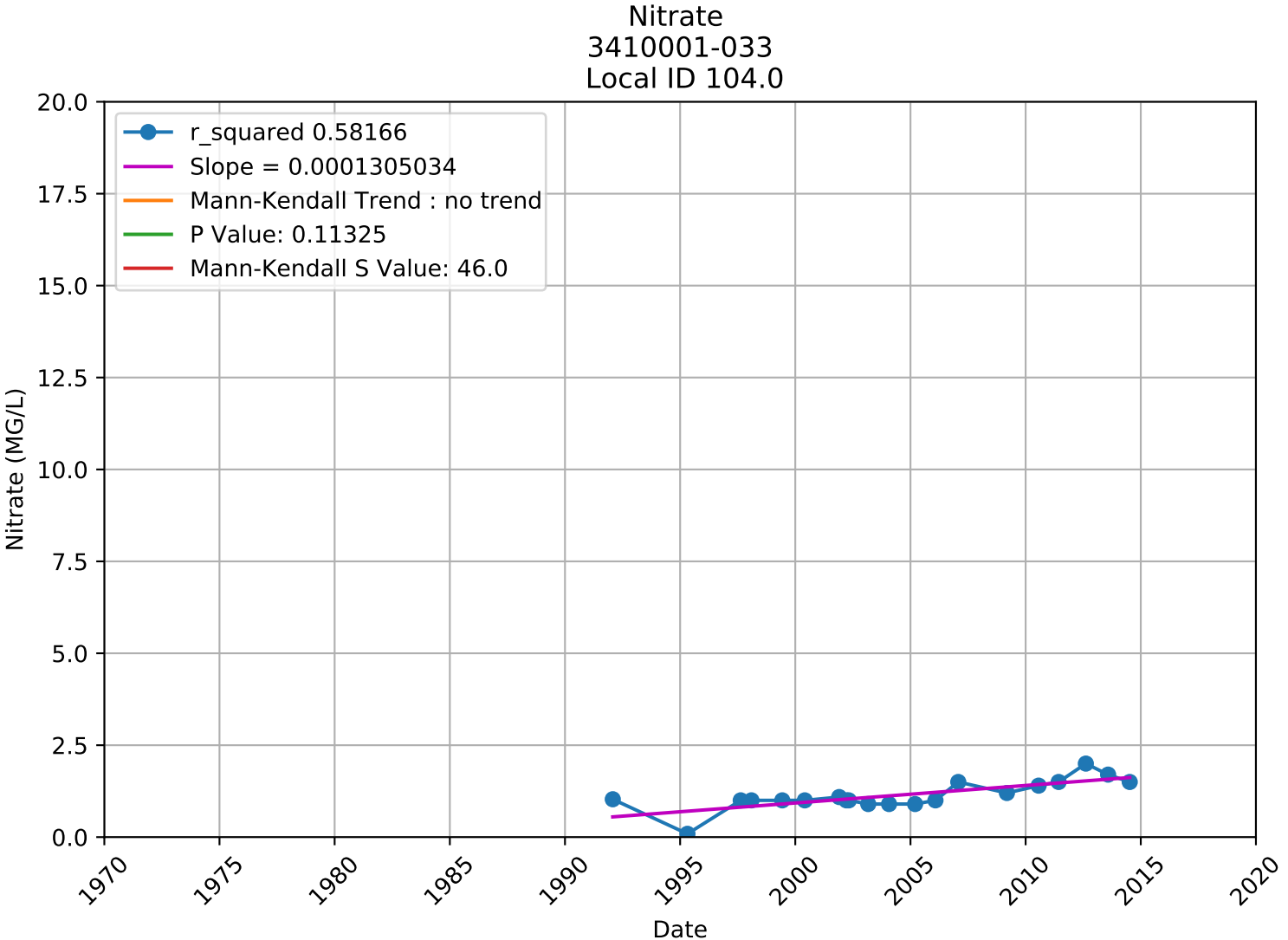

Nitrate
3410001-028
Local ID 244.0
r_squared 0.40656
Slope = 0.0001457961
Mann-Kendall Trend : increasing
P Value: 0.02689
Mann-Kendall S Value: 74.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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2.5
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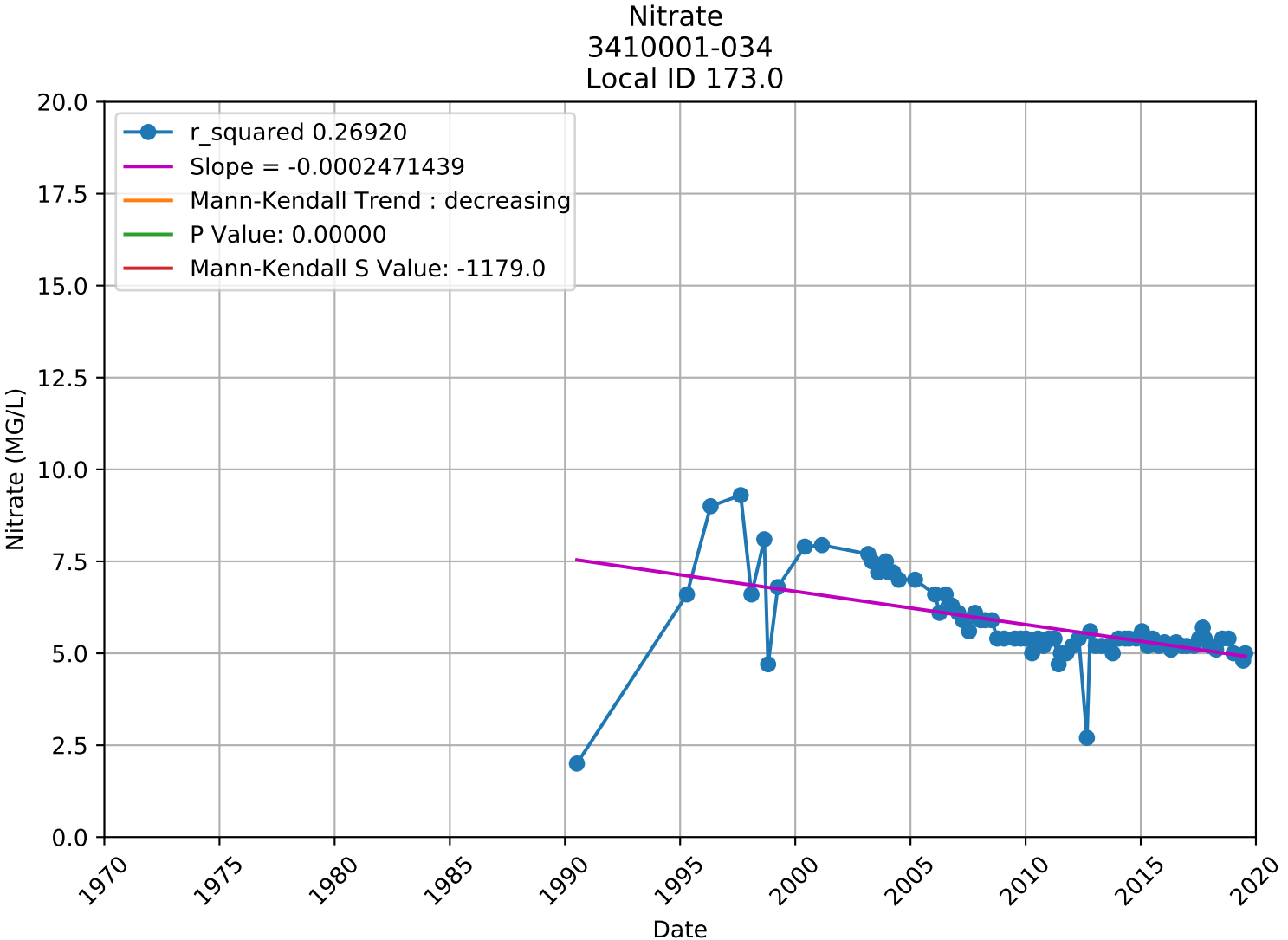

Nitrate
3410001-029
Local ID 227.0
r_squared 0.37377
Slope = 0.0000660678
Mann-Kendall Trend : increasing
P Value: 0.04763
Mann-Kendall S Value: 71.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
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5.0
2.5
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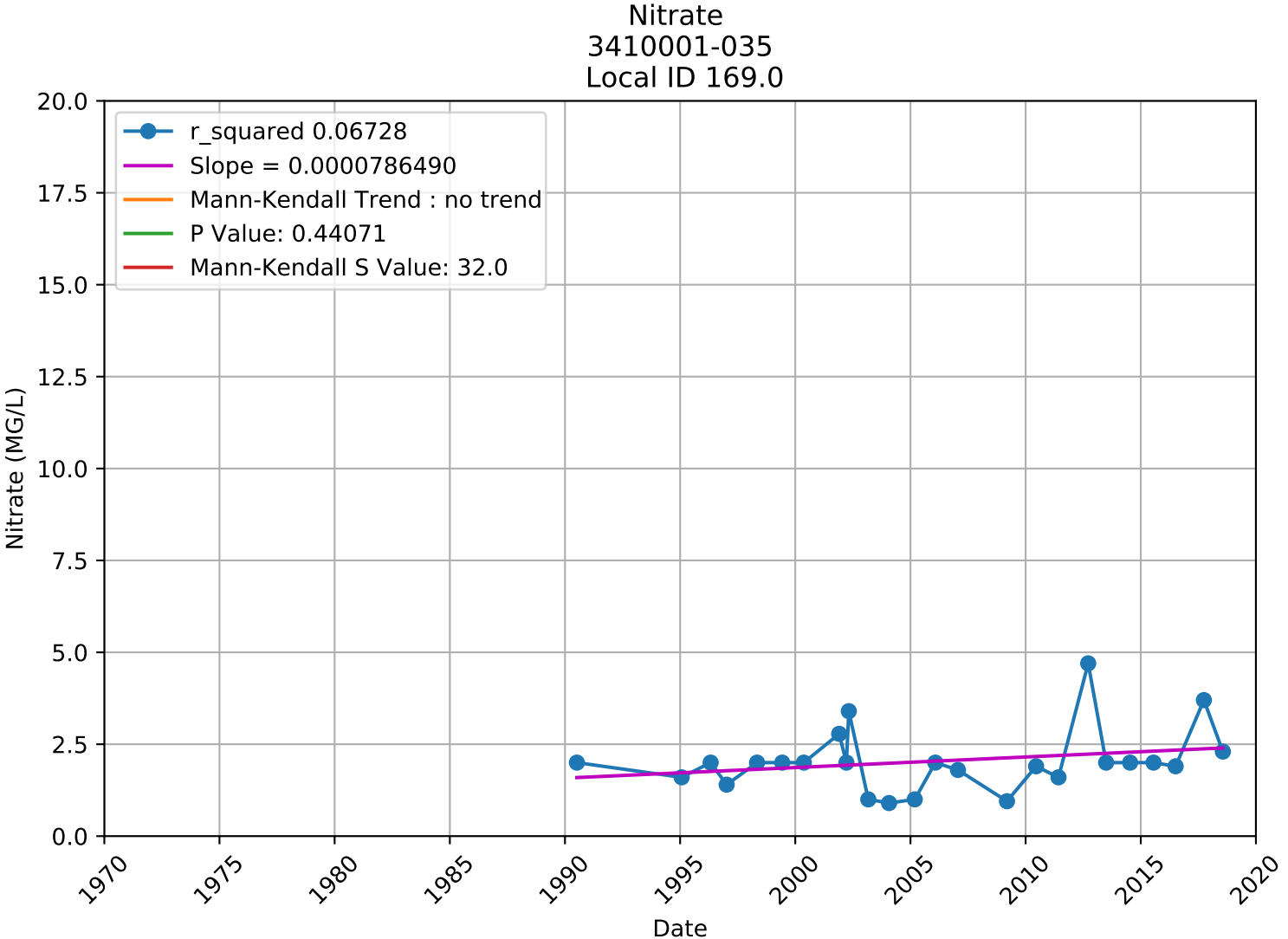

Nitrate
3410001-030
Local ID 236.0
r_squared 0.65491
Slope = 0.0002493320
Mann-Kendall Trend : increasing
P Value: 0.00923
Mann-Kendall S Value: 81.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
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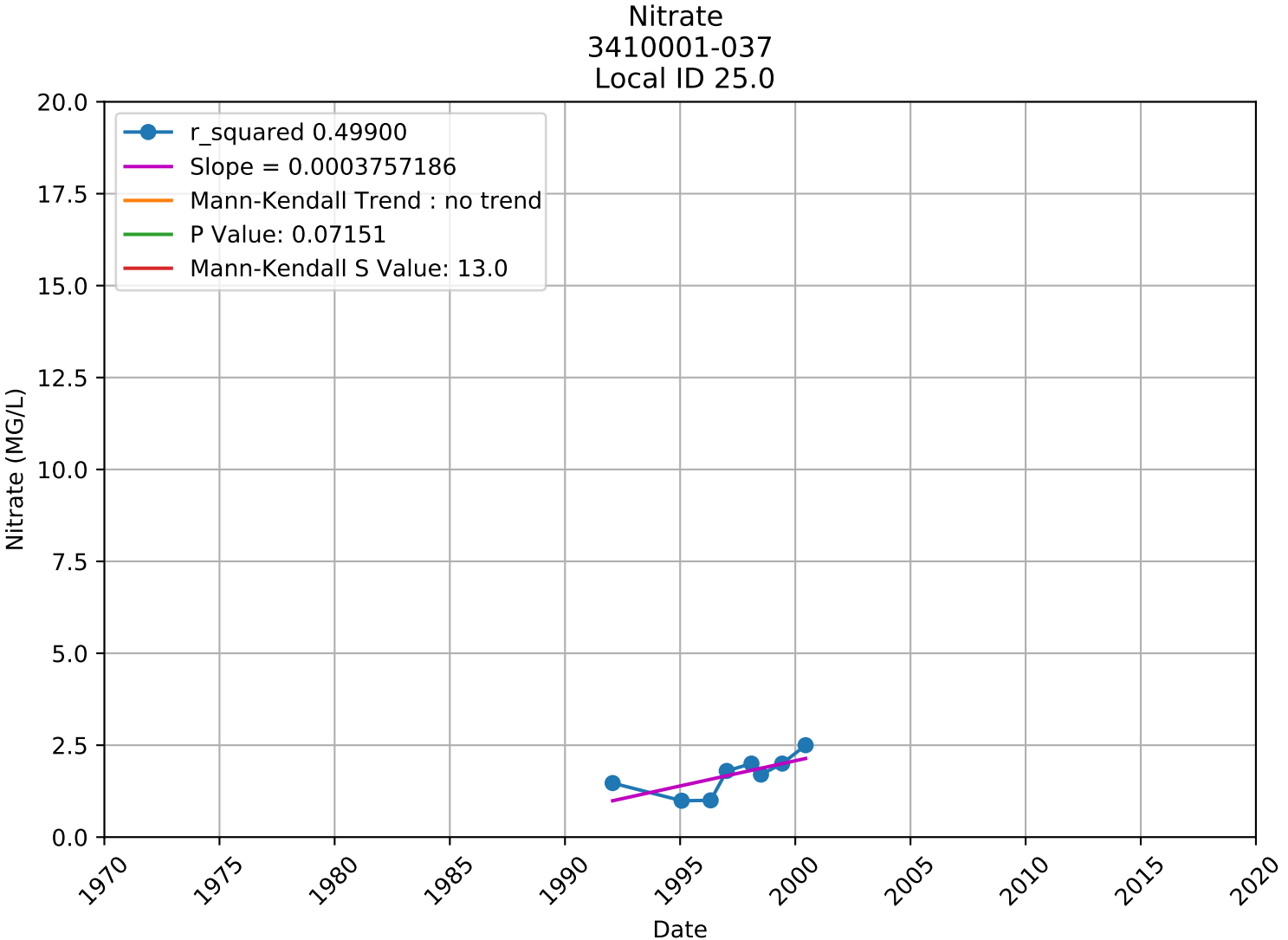

Nitrate
3410001-031
Local ID 170.0
r_squared 0.34055
Slope = 0.0005284625
Mann-Kendall Trend : no trend
P Value: 0.54801
Mann-Kendall S Value: 5.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
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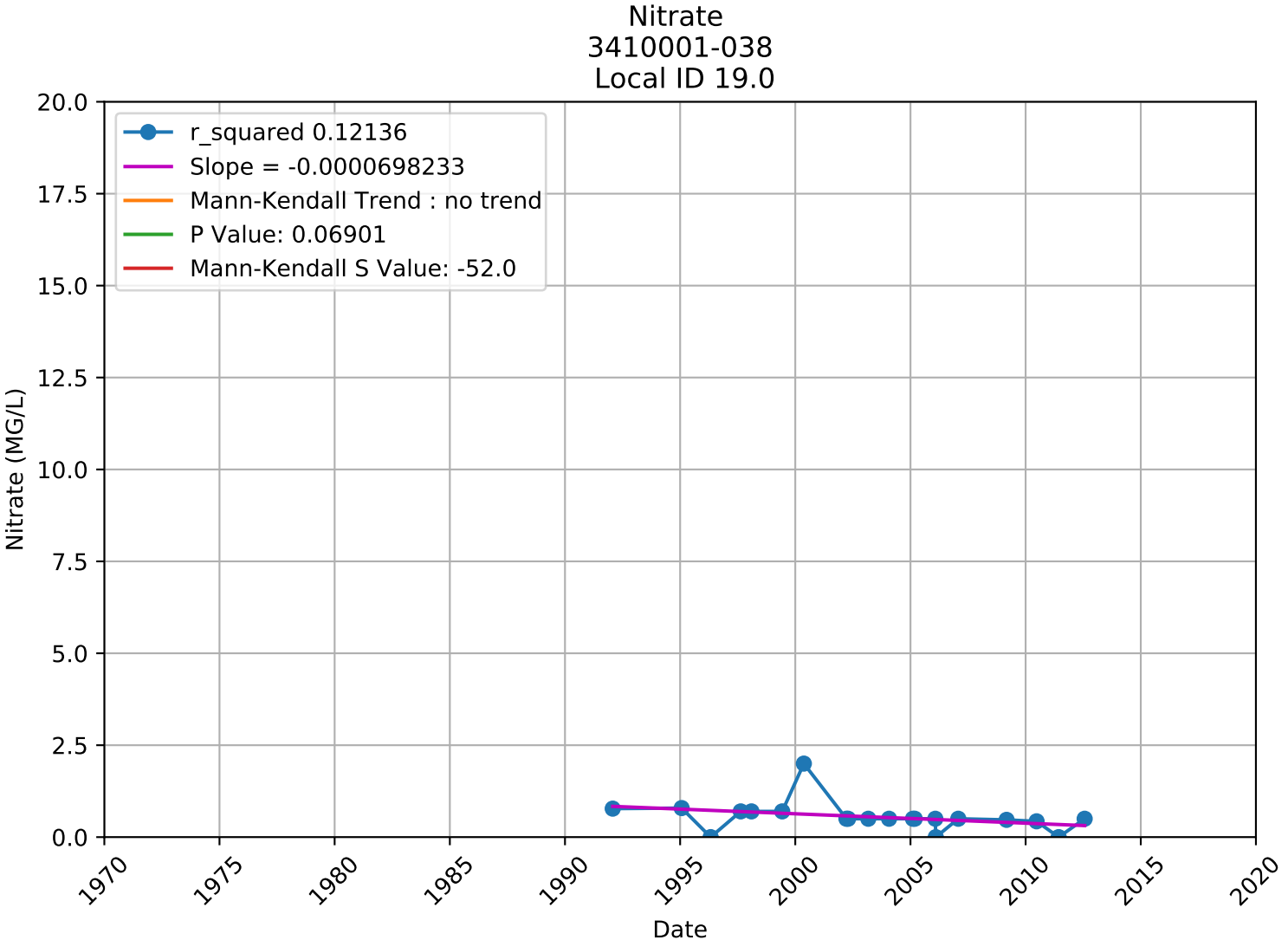

Nitrate
3410001-032
Local ID 81.0
r_squared 0.56938
Slope = 0.0002412007
Mann-Kendall Trend : no trend
P Value: 0.13861
Mann-Kendall S Value: 50.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
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5.0
2.5
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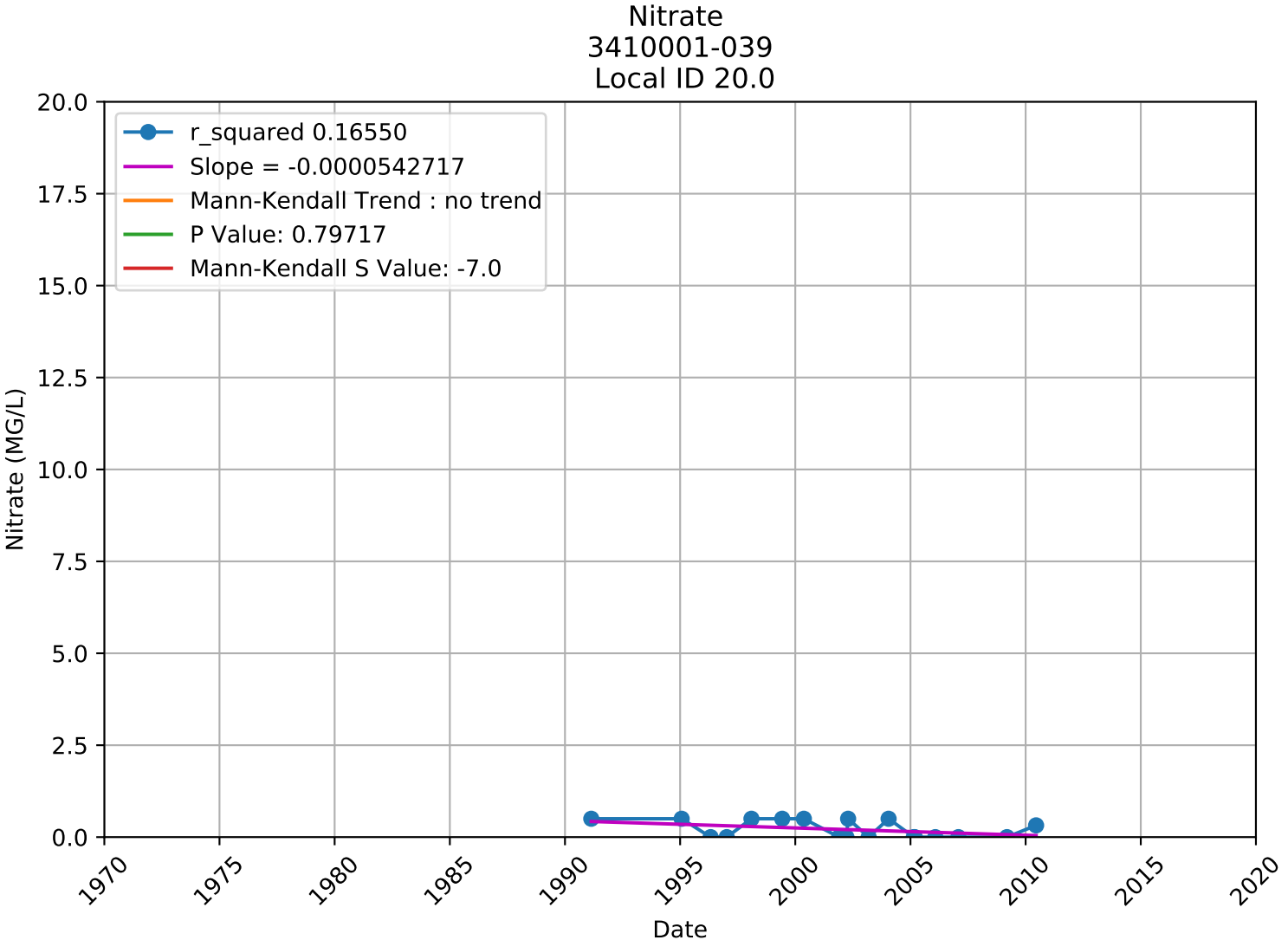

Nitrate
3410001-033
Local ID 104.0
r_squared 0.58166
Slope = 0.0001305034
Mann-Kendall Trend : no trend
P Value: 0.11325
Mann-Kendall S Value: 46.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
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5.0
2.5
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2020

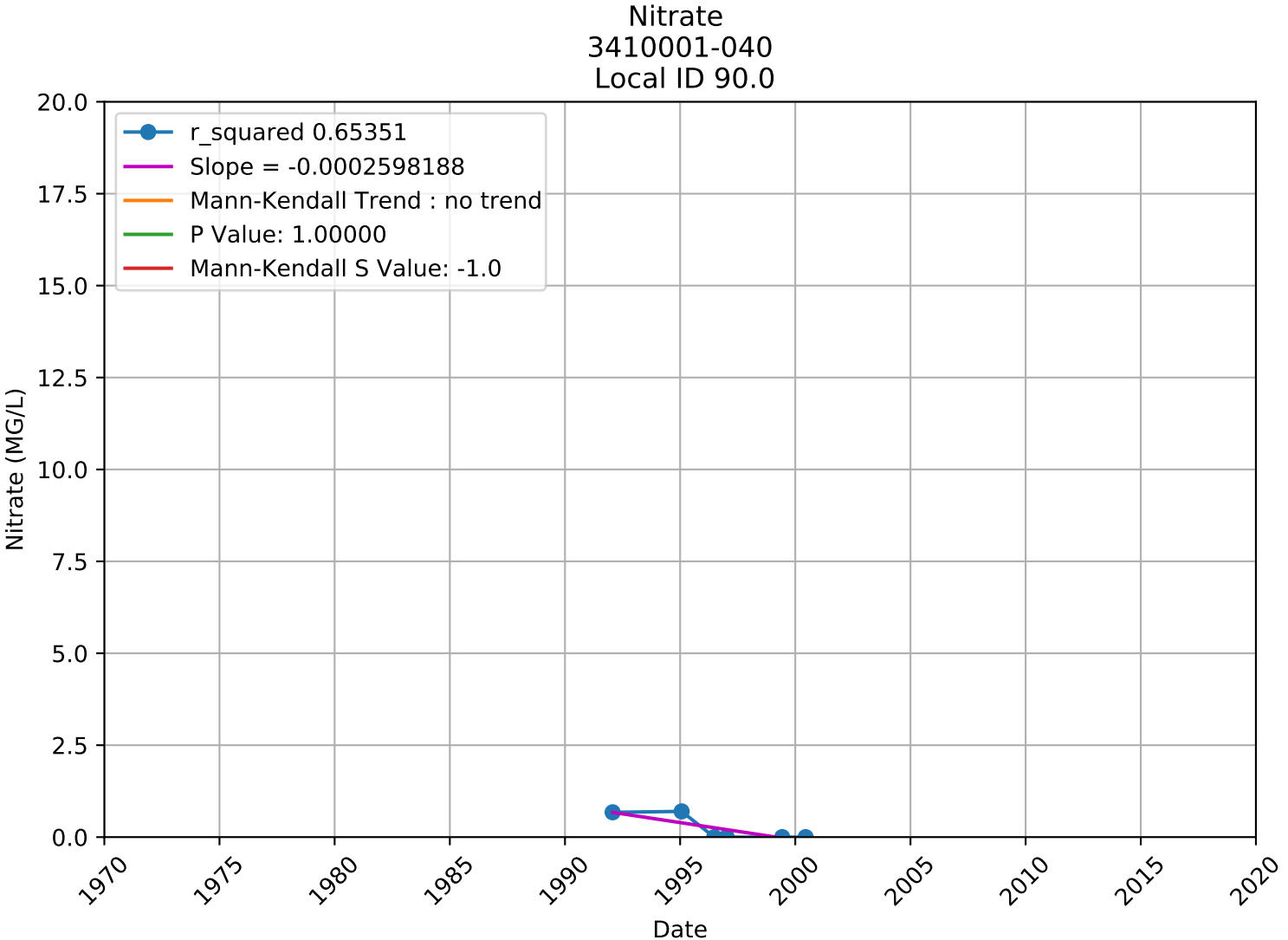

Nitrate
3410001-034
Local ID 173.0
r_squared 0.26920
Slope = -0.0002471439
Mann-Kendall Trend : decreasing
P Value: 0.00000
Mann-Kendall S Value: -1179.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
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2015
2020

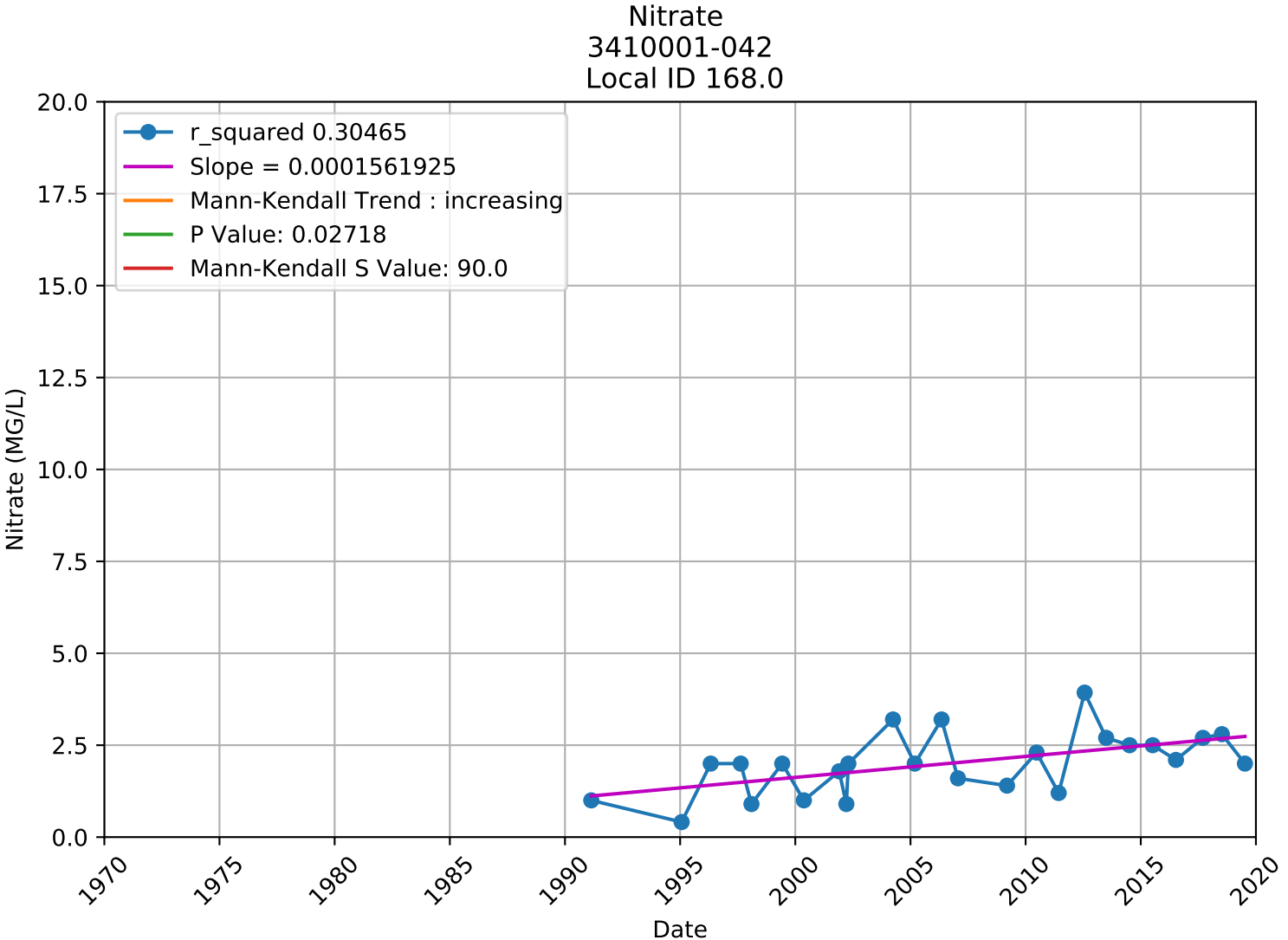

Nitrate
3410001-035
Local ID 169.0
r_squared 0.06728
Slope = 0.0000786490
Mann-Kendall Trend : no trend
P Value: 0.44071
Mann-Kendall S Value: 32.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
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5.0
2.5
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2015
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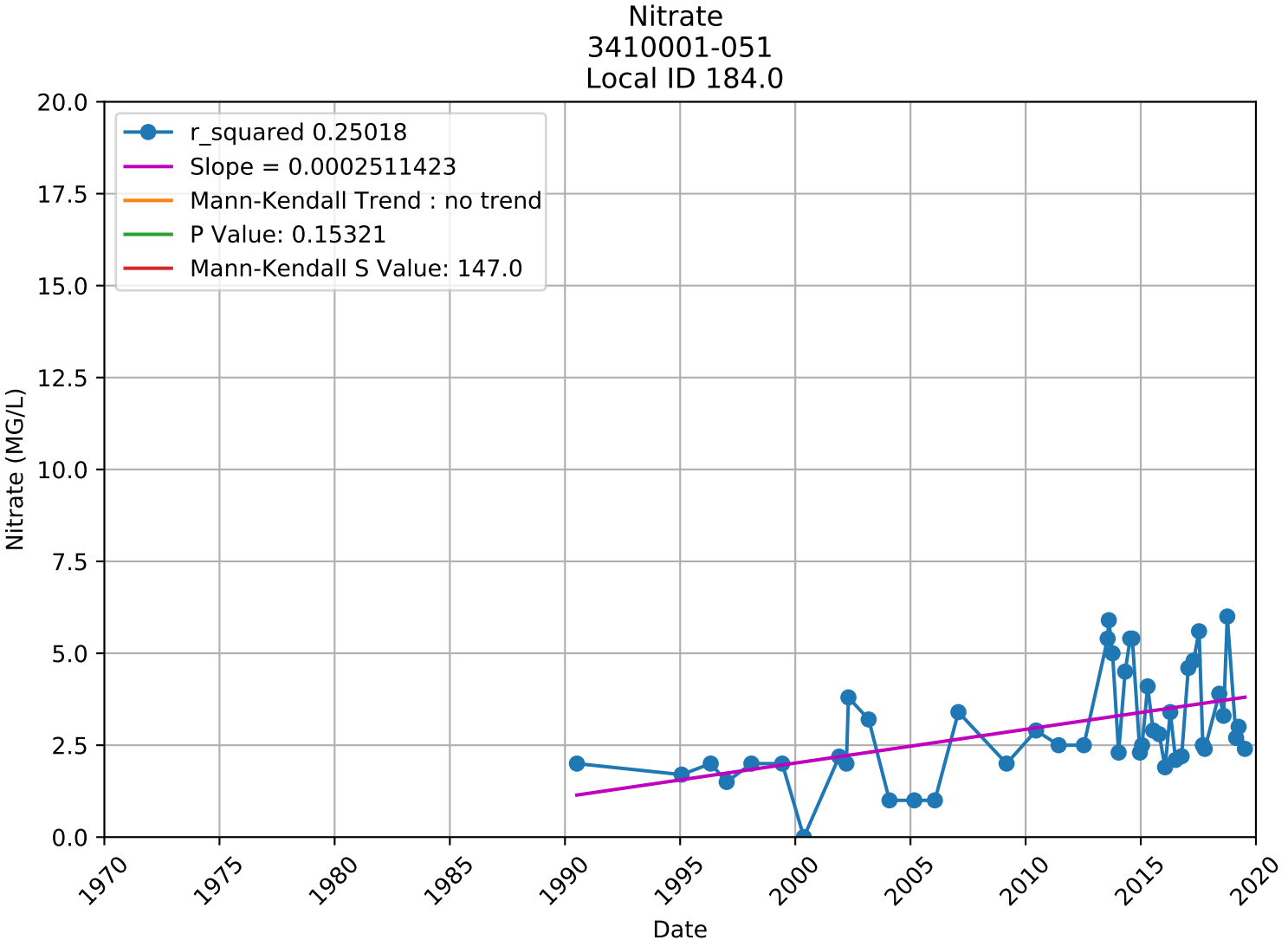

Nitrate
3410001-037
Local ID 25.0
r_squared 0.49900
Slope = 0.0003757186
Mann-Kendall Trend : no trend
P Value: 0.07151
Mann-Kendall S Value: 13.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
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1970
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2015
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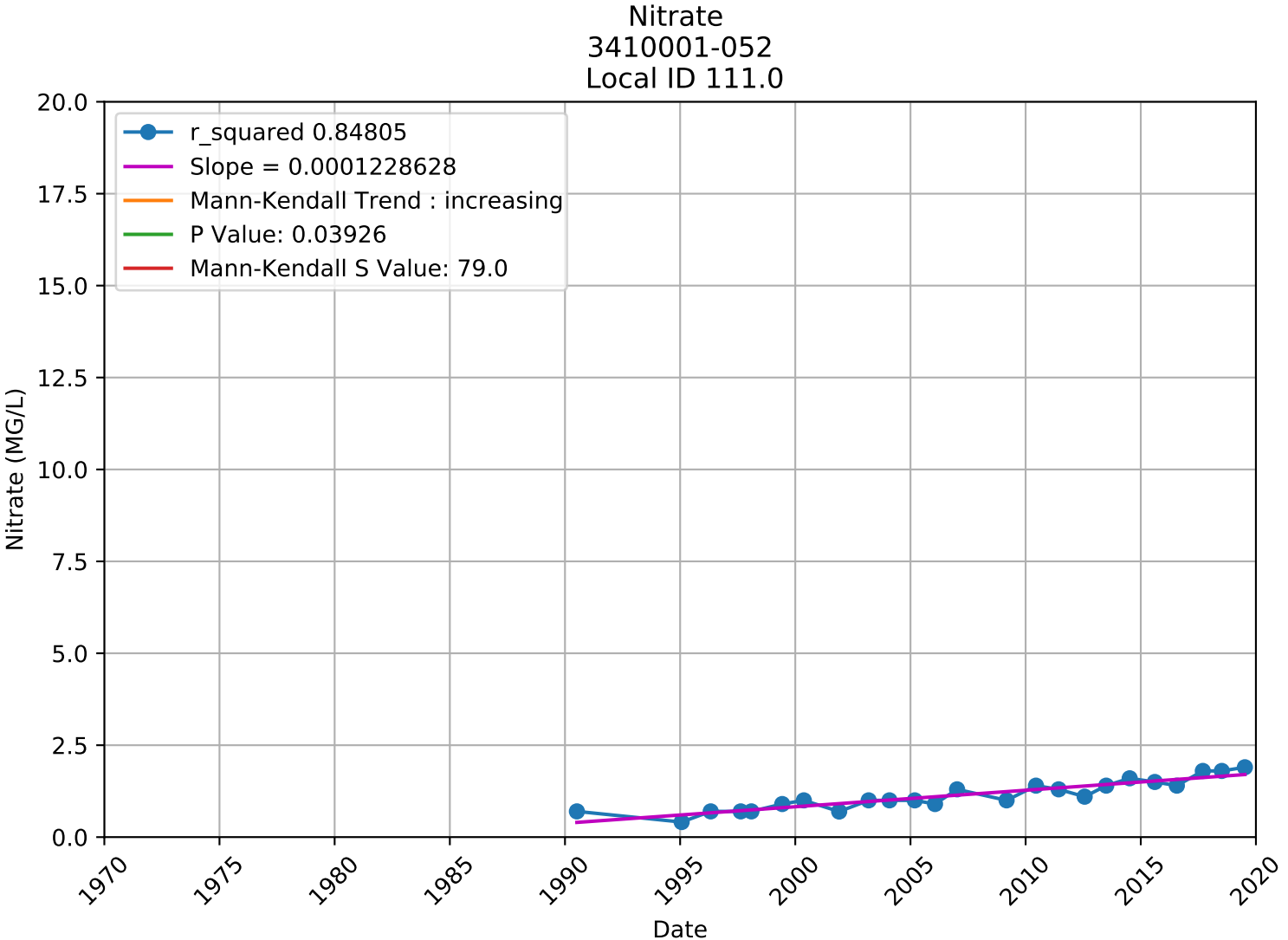

Nitrate
3410001-038
Local ID 19.0
r_squared 0.12136
Slope = -0.0000698233
Mann-Kendall Trend : no trend
P Value: 0.06901
Mann-Kendall S Value: -52.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
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2015
2020

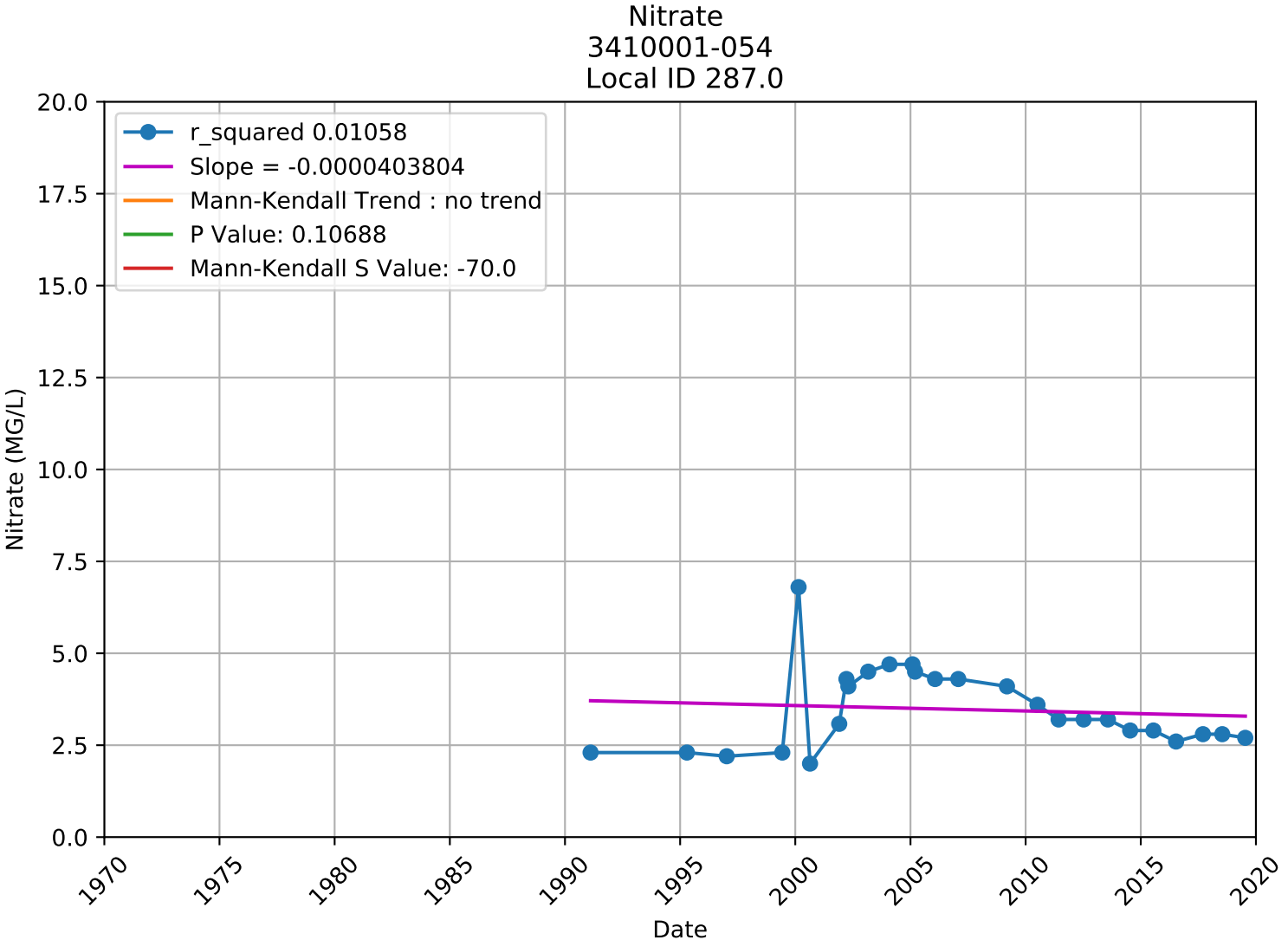

Nitrate
3410001-039
Local ID 20.0
r_squared 0.16550
Slope = -0.0000542717
Mann-Kendall Trend : no trend
P Value: 0.79717
Mann-Kendall S Value: -7.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
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7.5
5.0
2.5
0.0
1970
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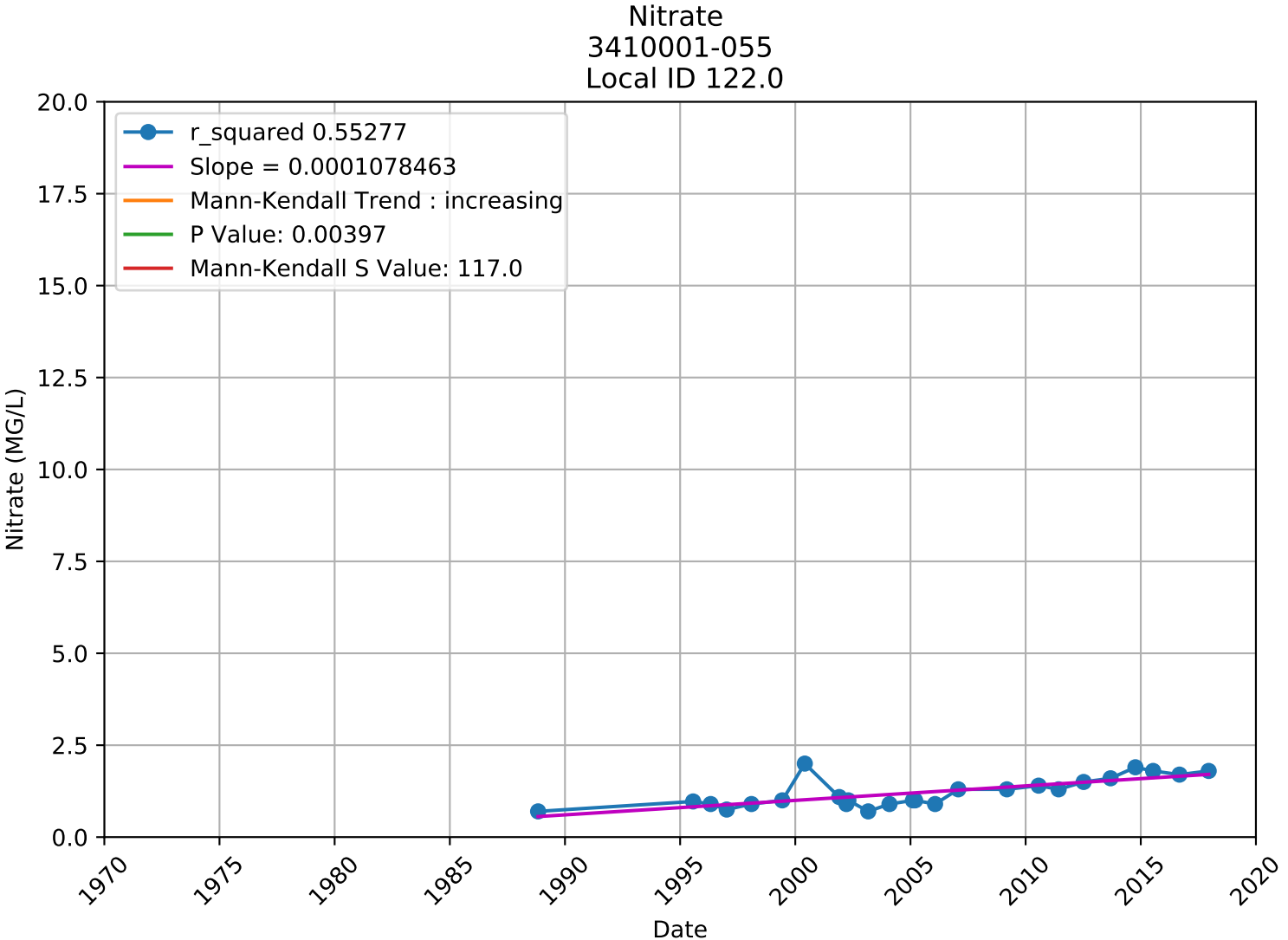

Nitrate
3410001-040
Local ID 90.0
r_squared 0.65351
Slope = -0.0002598188
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
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2020

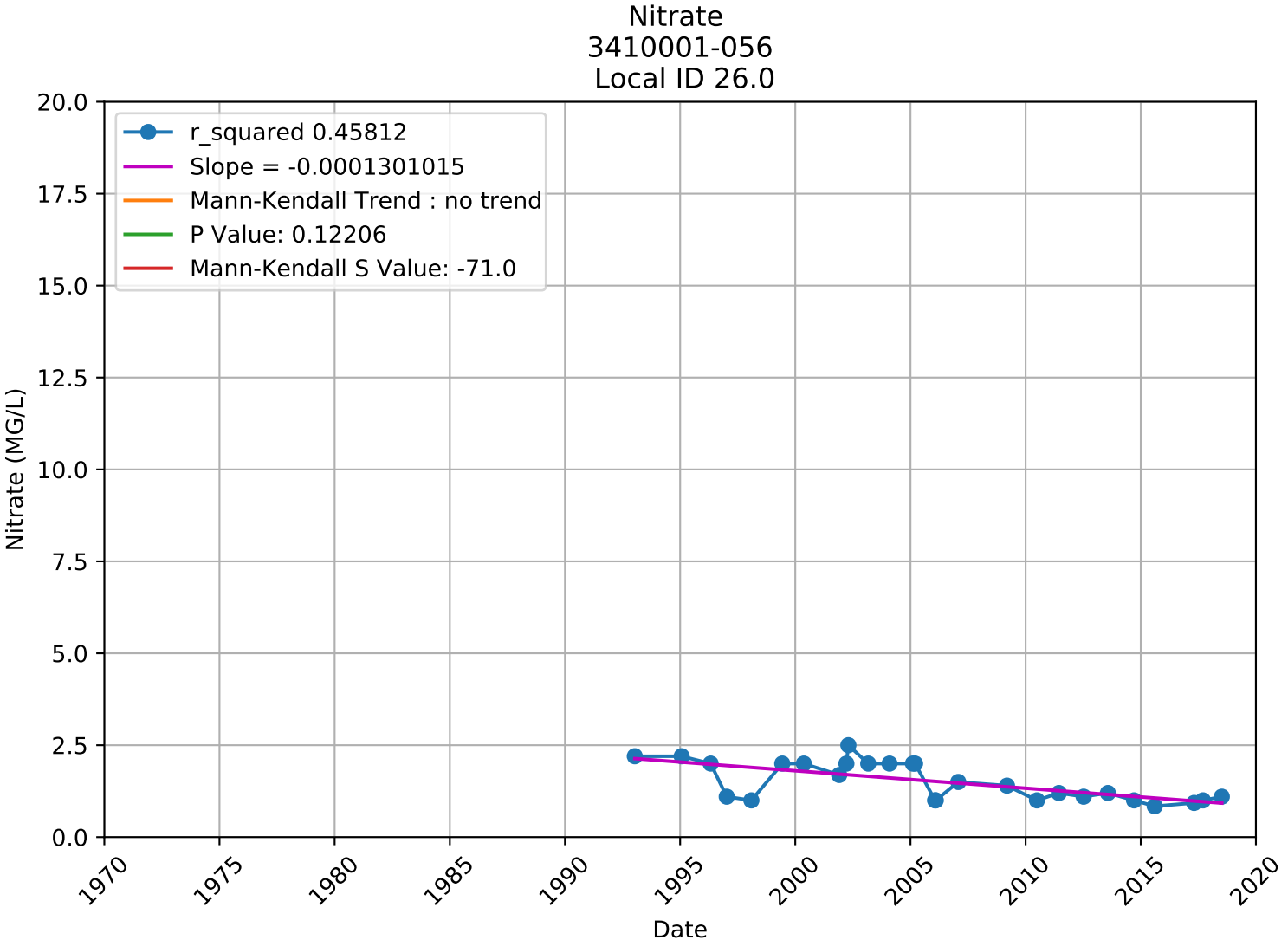

Nitrate
3410001-042
Local ID 168.0
r_squared 0.30465
Slope = 0.0001561925
Mann-Kendall Trend : increasing
P Value: 0.02718
Mann-Kendall S Value: 90.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
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2.5
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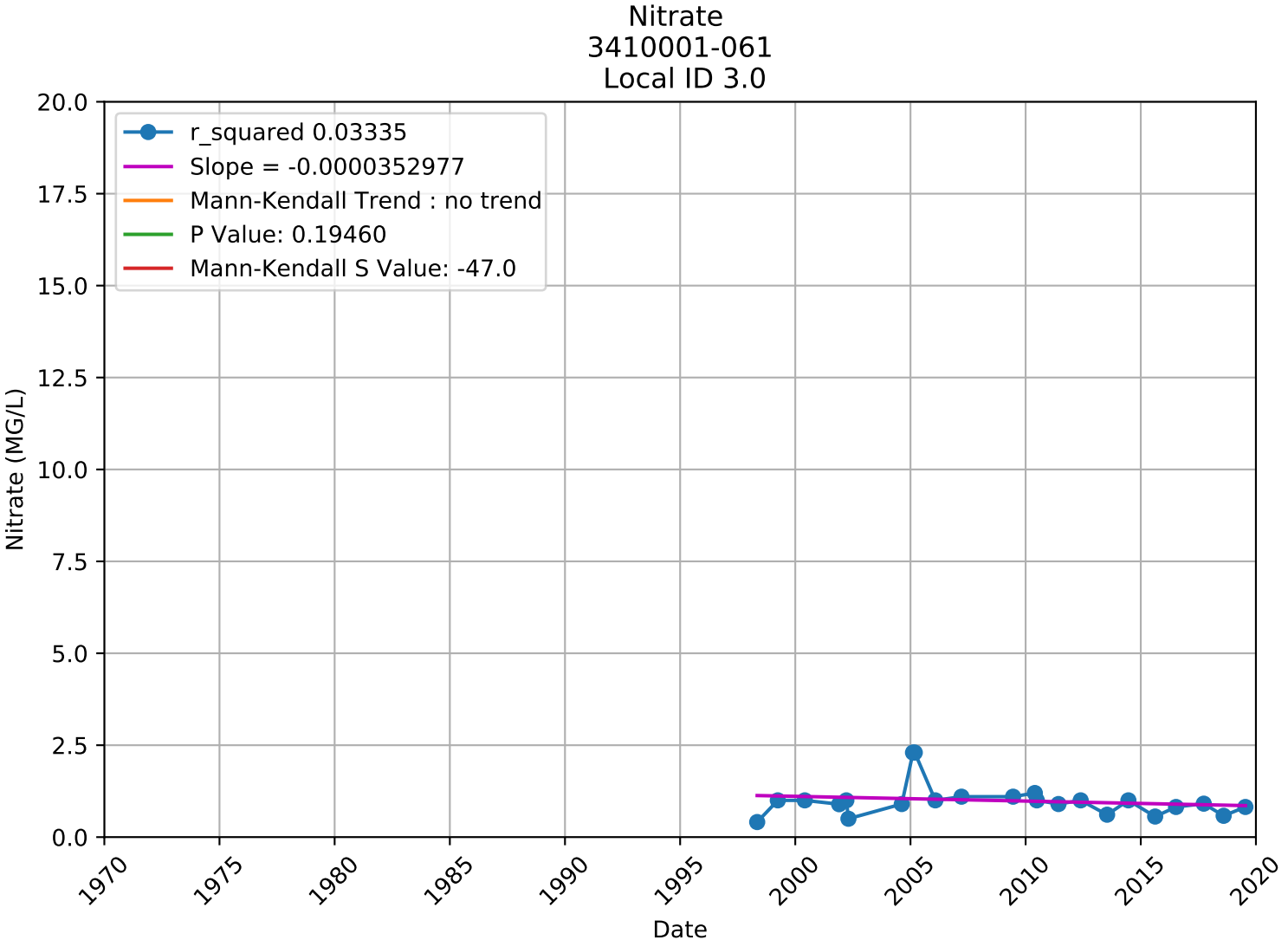

Nitrate
3410001-051
Local ID 184.0
r_squared 0.25018
Slope = 0.0002511423
Mann-Kendall Trend : no trend
P Value: 0.15321
Mann-Kendall S Value: 147.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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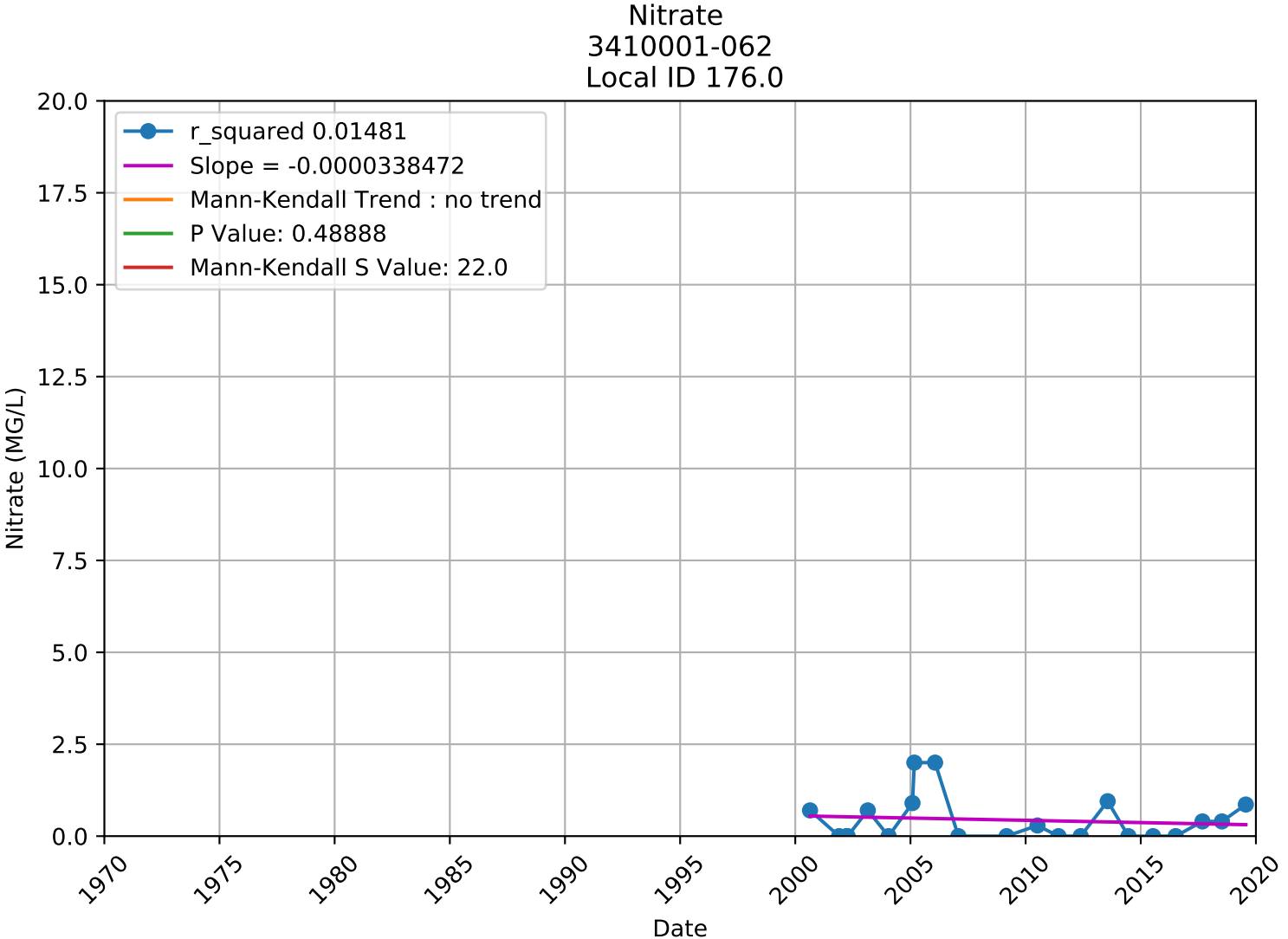

Nitrate
3410001-052
Local ID 111.0
r_squared 0.84805
Slope = 0.0001228628
Mann-Kendall Trend : increasing
P Value: 0.03926
Mann-Kendall S Value: 79.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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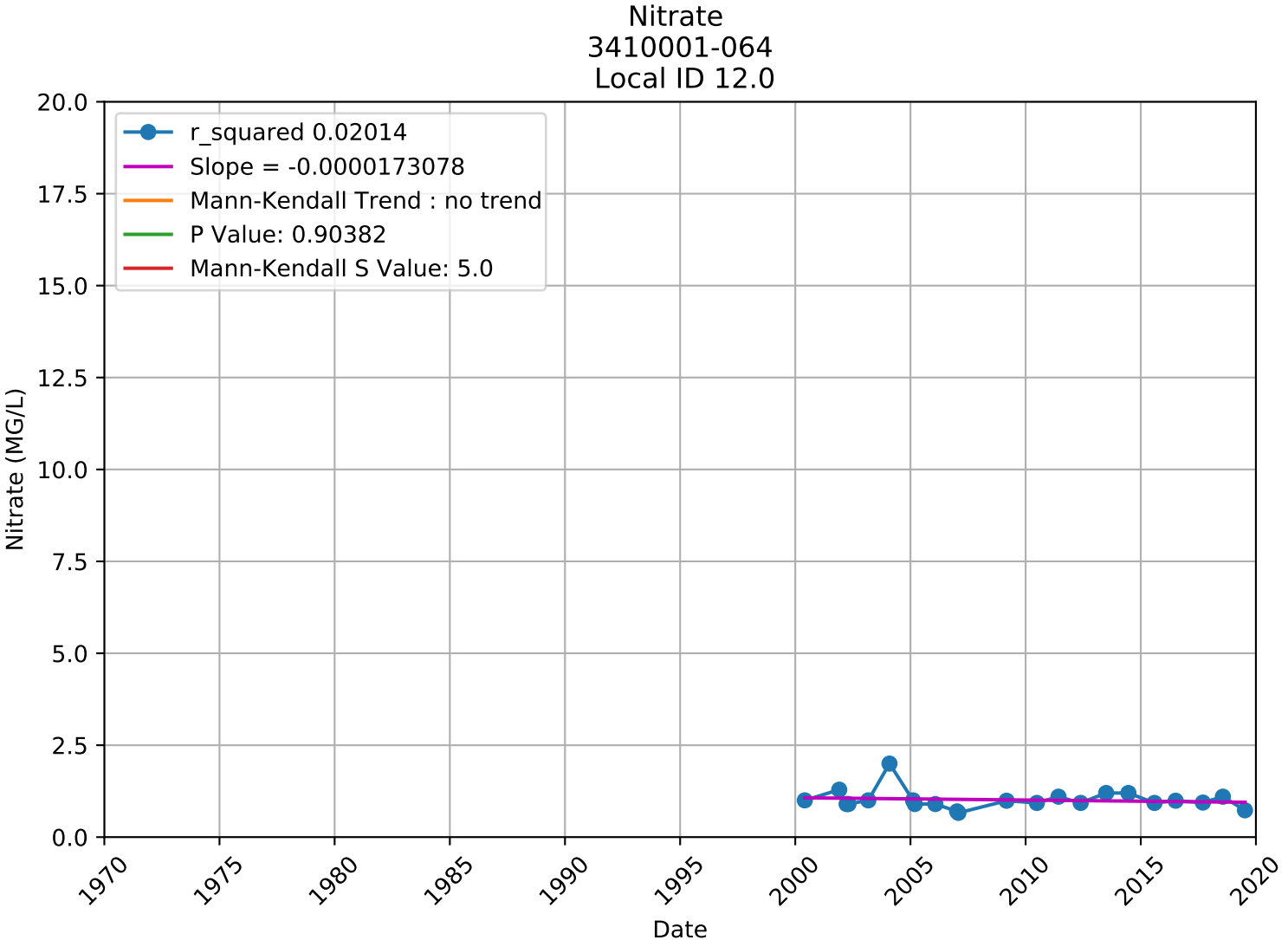

Nitrate
3410001-054
Local ID 287.0
r_squared 0.01058
Slope = -0.0000403804
Mann-Kendall Trend : no trend
P Value: 0.10688
Mann-Kendall S Value: -70.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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2.5
0.0
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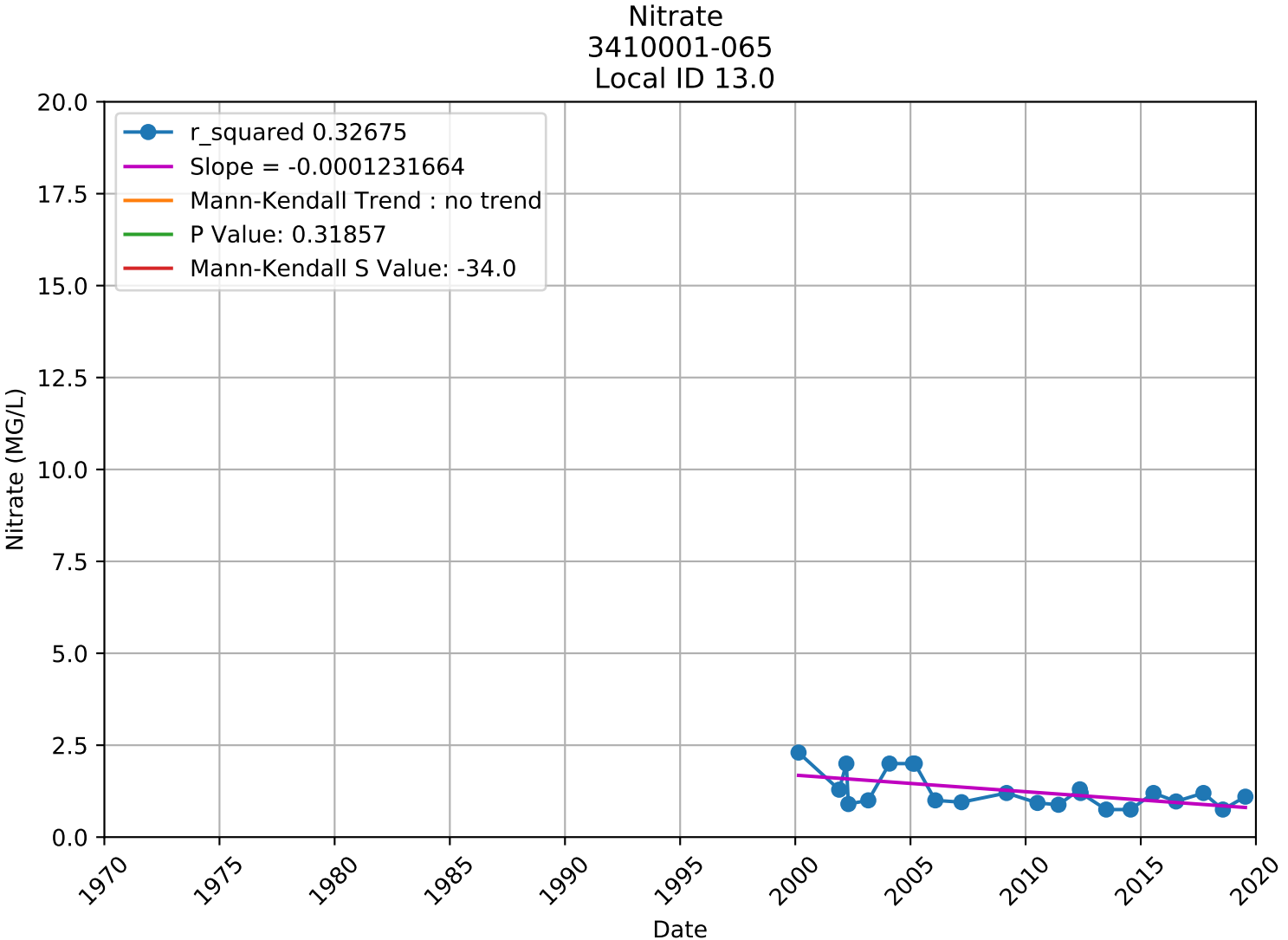

Nitrate
3410001-055
Local ID 122.0
r_squared 0.55277
Slope = 0.0001078463
Mann-Kendall Trend : increasing
P Value: 0.00397
Mann-Kendall S Value: 117.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
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5.0
2.5
0.0
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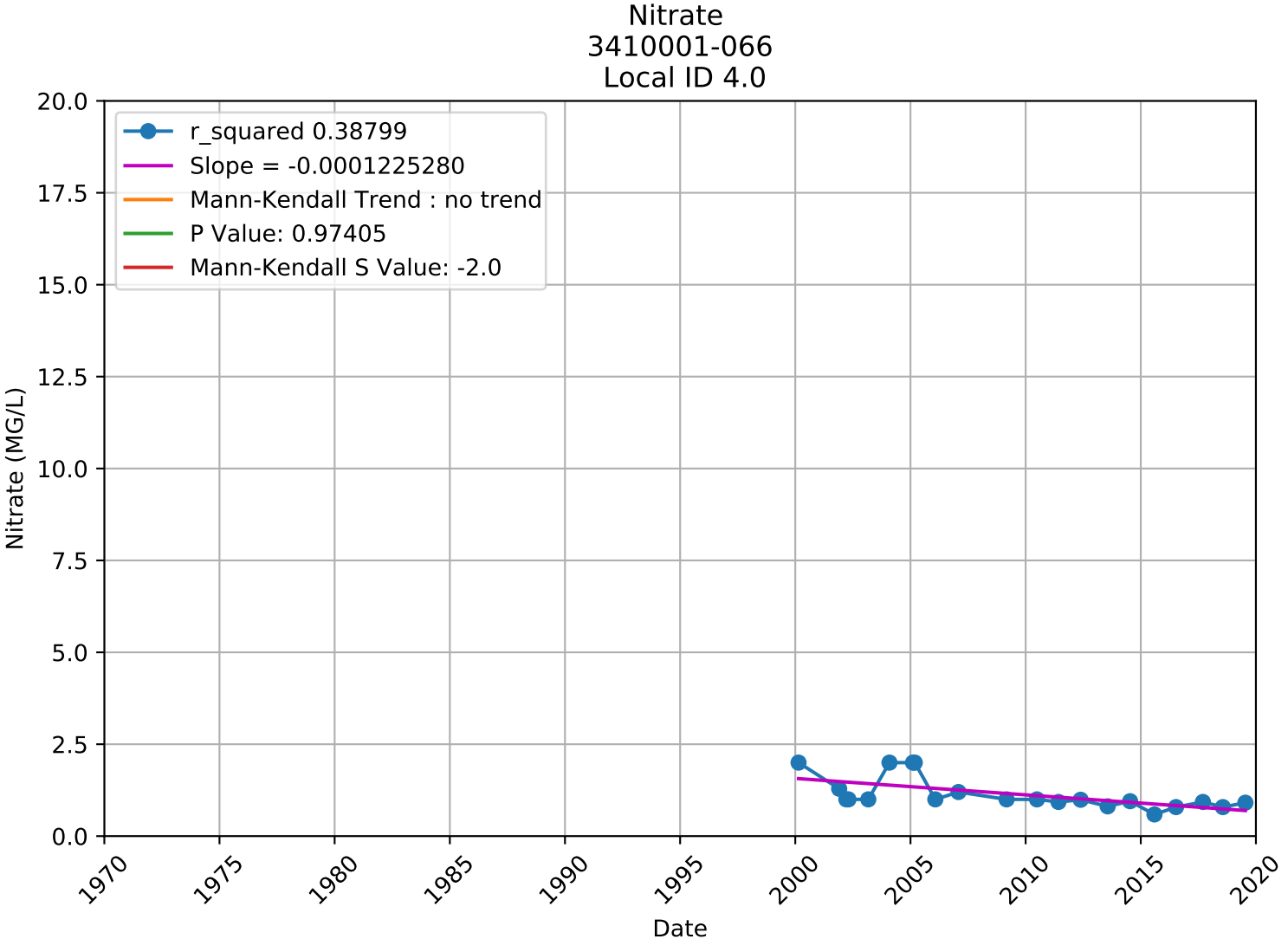

Nitrate
3410001-056
Local ID 26.0
r_squared 0.45812
Slope = -0.0001301015
Mann-Kendall Trend : no trend
P Value: 0.12206
Mann-Kendall S Value: -71.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
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5.0
2.5
0.0
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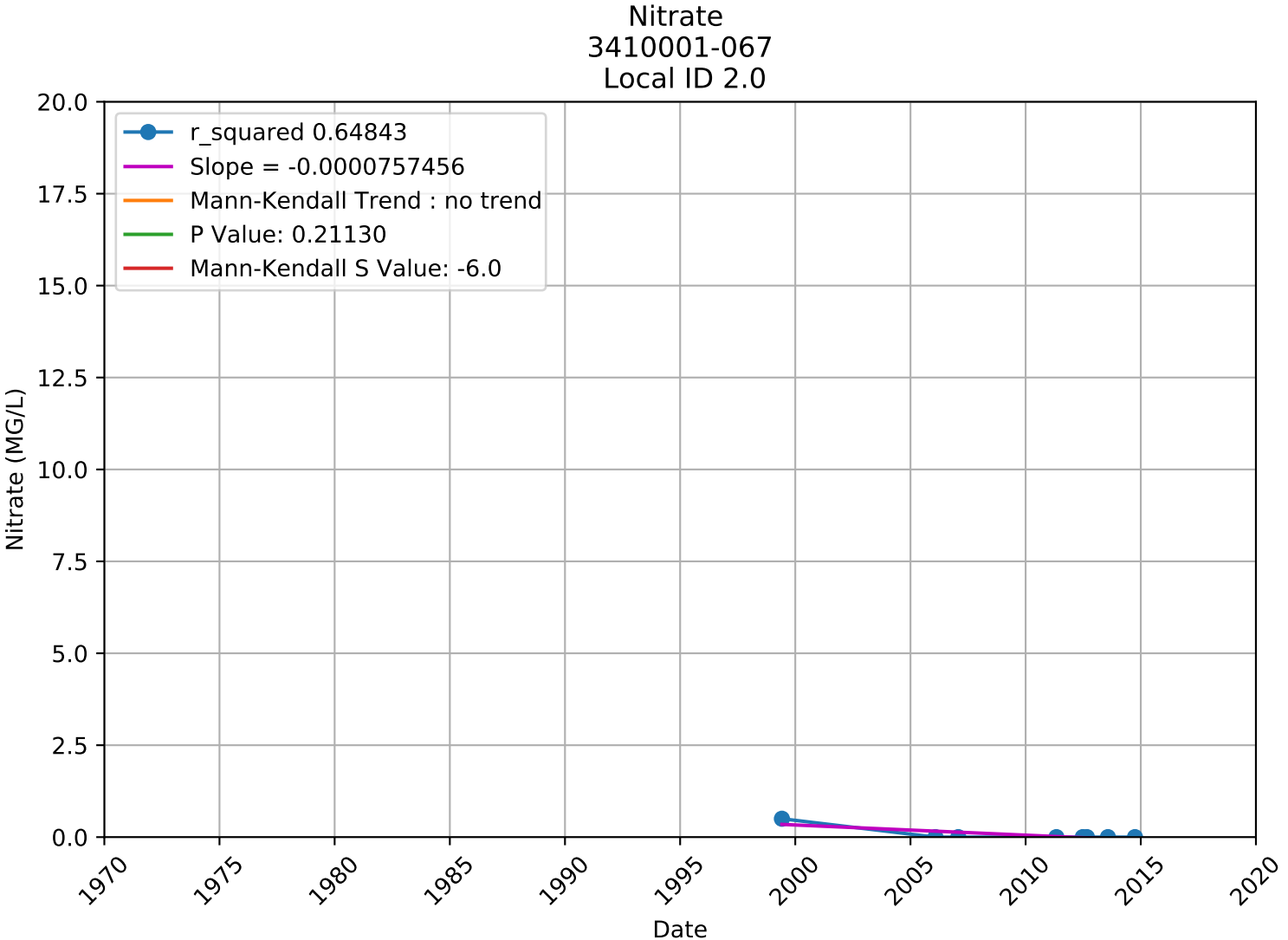

Nitrate
3410001-061
Local ID 3.0
r_squared 0.03335
Slope = -0.0000352977
Mann-Kendall Trend : no trend
P Value: 0.19460
Mann-Kendall S Value: -47.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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2.5
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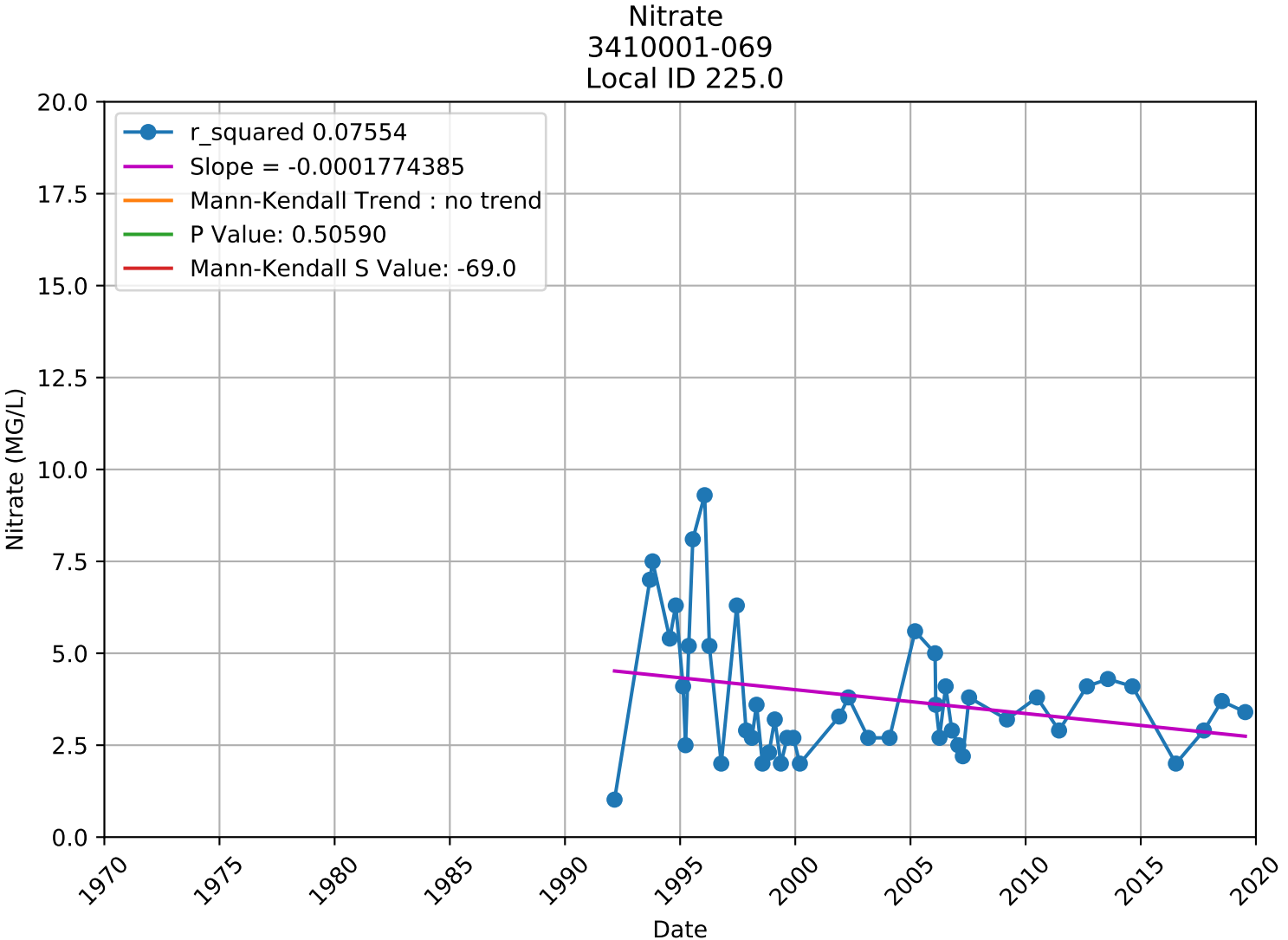

Nitrate
3410001-062
Local ID 176.0
r_squared 0.01481
Slope = -0.0000338472
Mann-Kendall Trend : no trend
P Value: 0.48888
Mann-Kendall S Value: 22.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
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5.0
2.5
0.0
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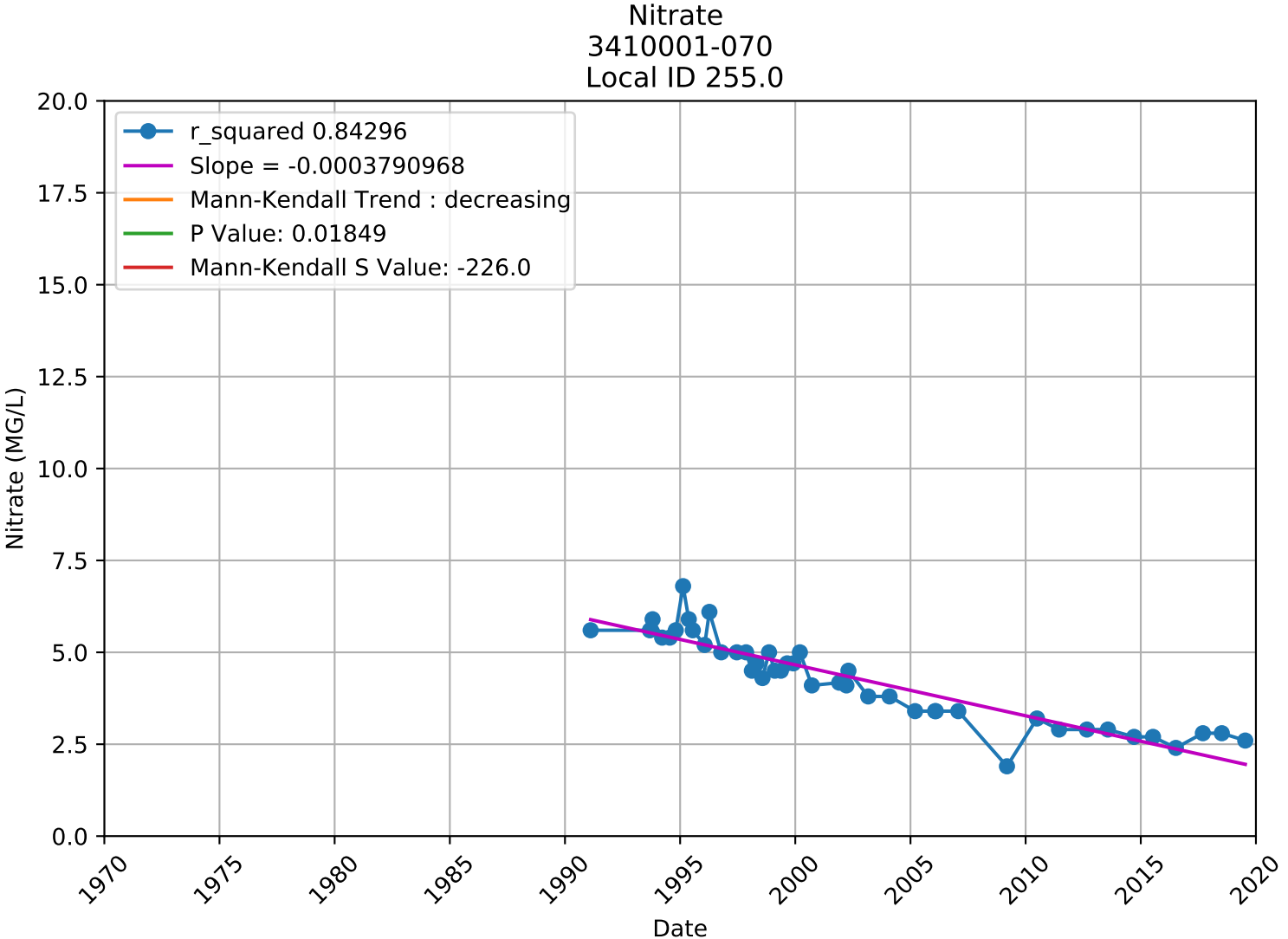

Nitrate
3410001-064
Local ID 12.0
r_squared 0.02014
Slope = -0.0000173078
Mann-Kendall Trend : no trend
P Value: 0.90382
Mann-Kendall S Value: 5.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
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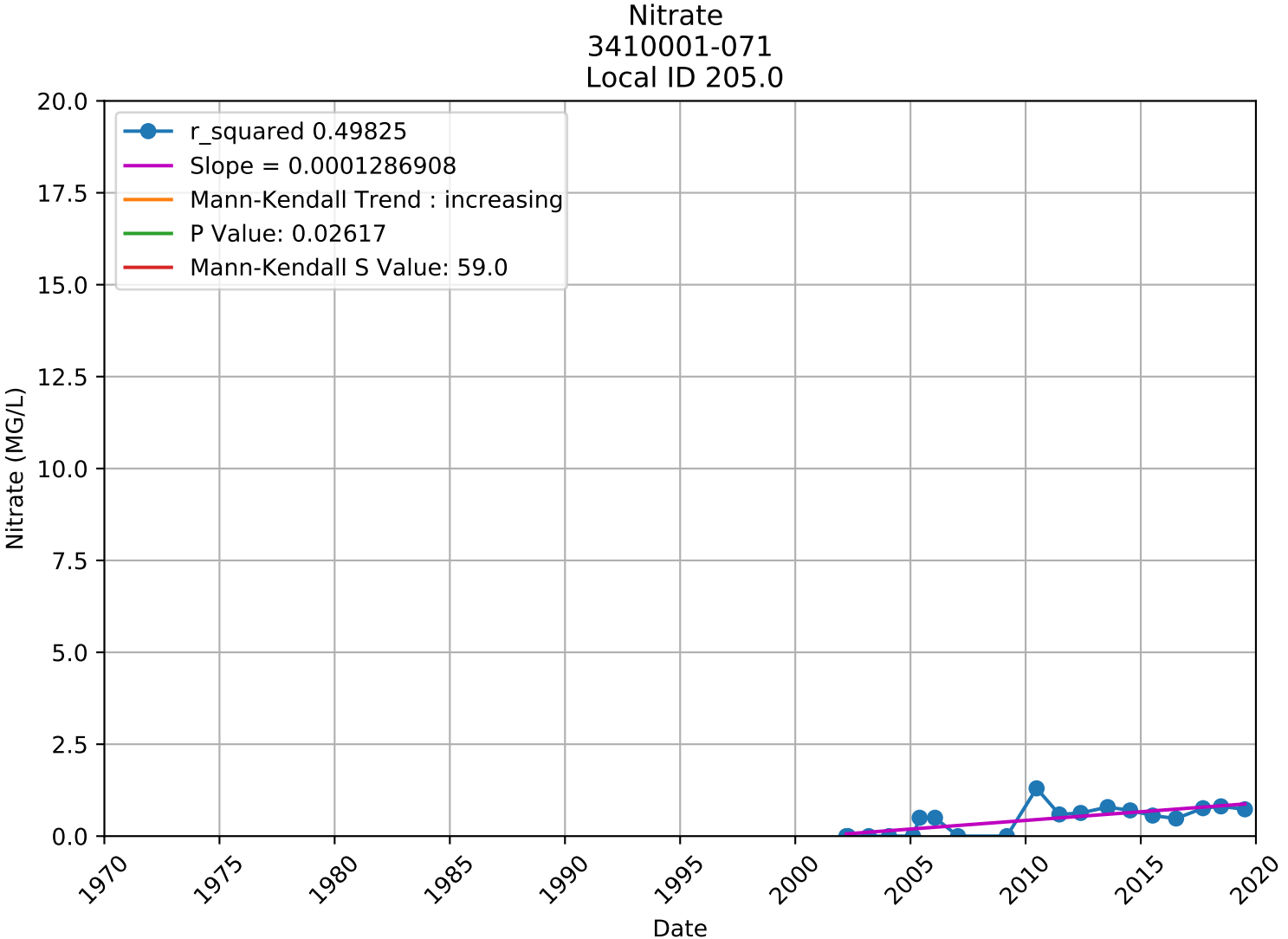

Nitrate
3410001-065
Local ID 13.0
r_squared 0.32675
Slope = -0.0001231664
Mann-Kendall Trend : no trend
P Value: 0.31857
Mann-Kendall S Value: -34.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
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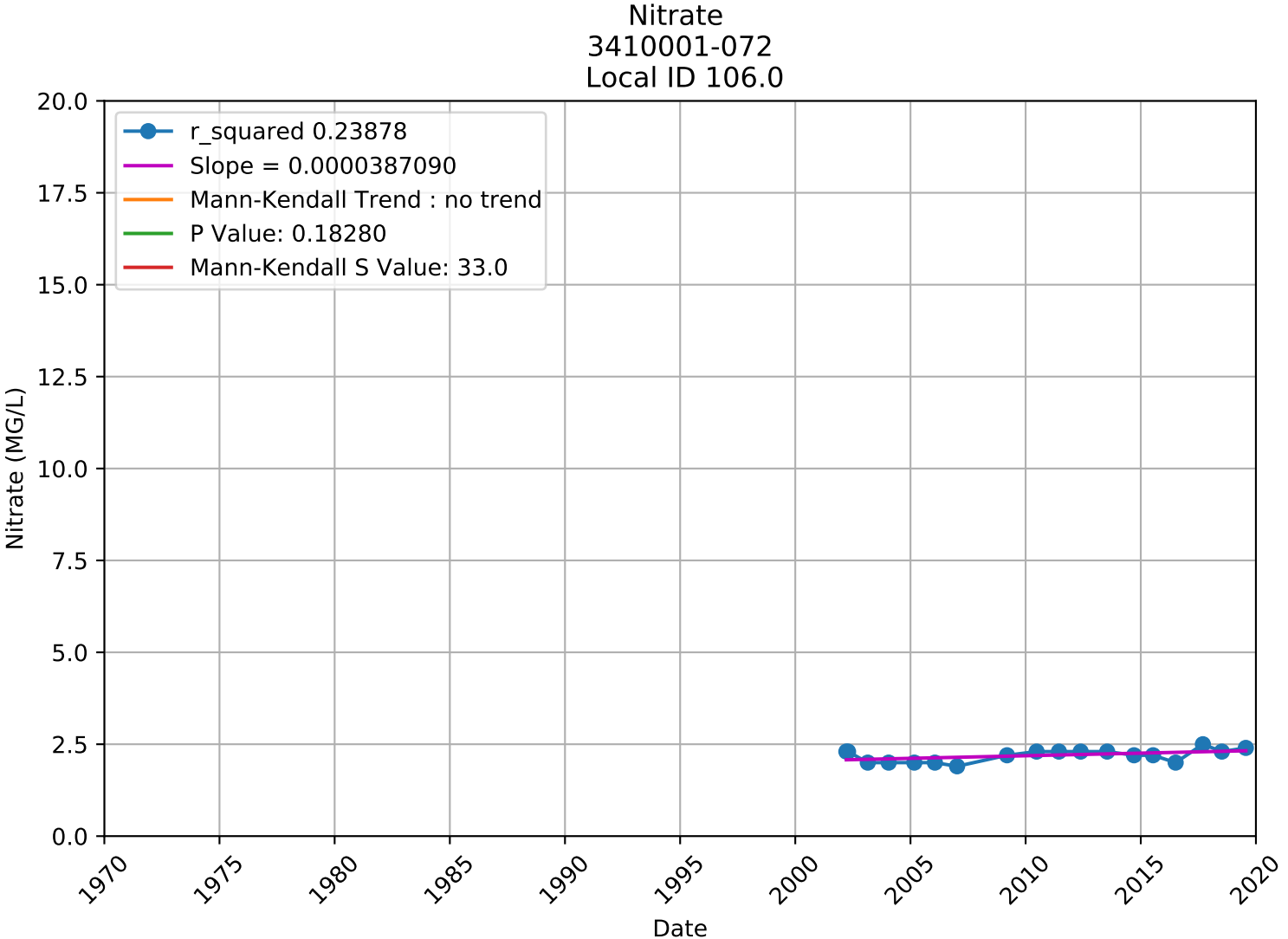

Nitrate
3410001-066
Local ID 4.0
r_squared 0.38799
Slope = -0.0001225280
Mann-Kendall Trend : no trend
P Value: 0.97405
Mann-Kendall S Value: -2.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
1975
1980
1985
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2015
2020

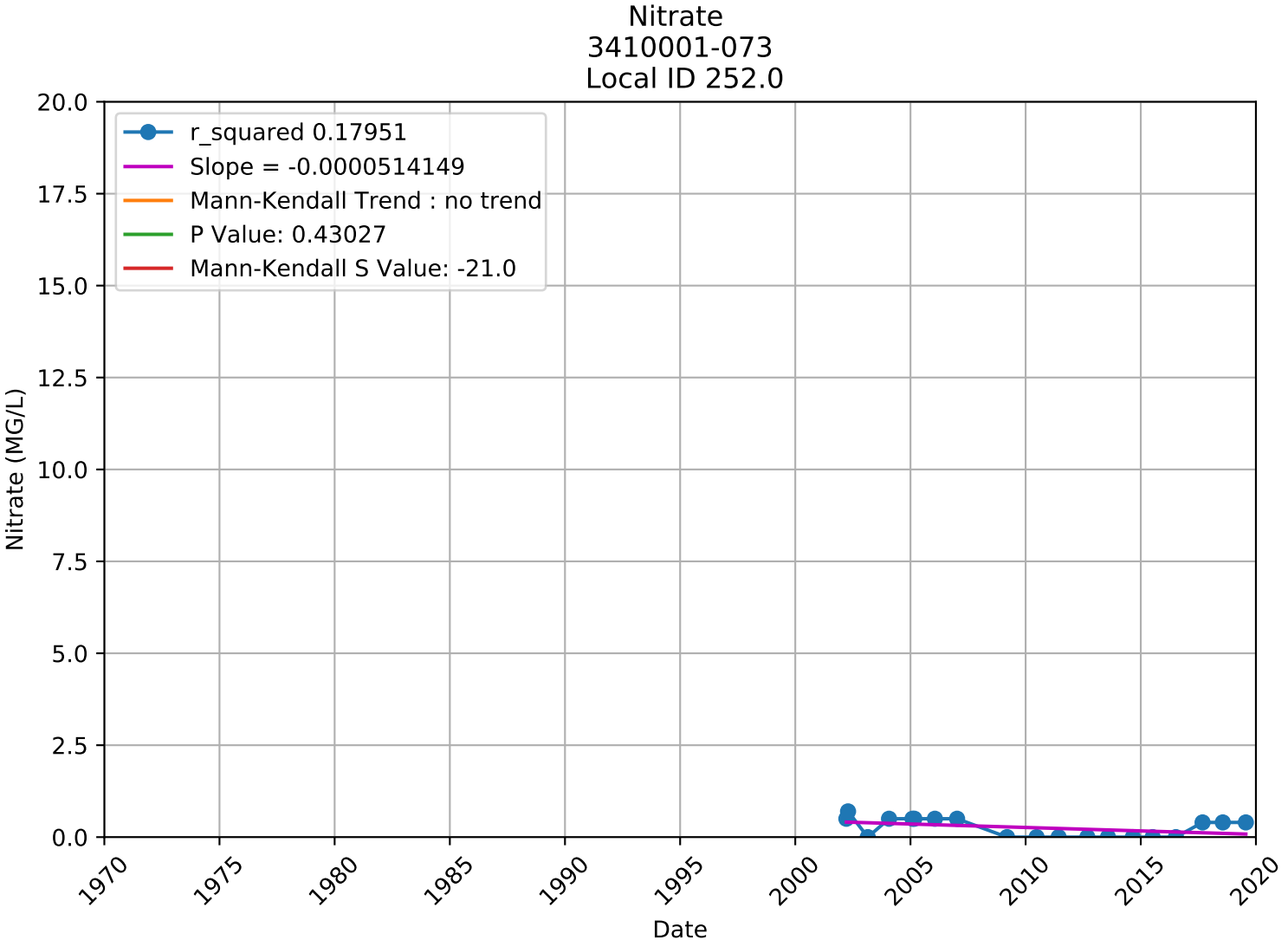

Nitrate
3410001-067
Local ID 2.0
r_squared 0.64843
Slope = -0.0000757456
Mann-Kendall Trend : no trend
P Value: 0.21130
Mann-Kendall S Value: -6.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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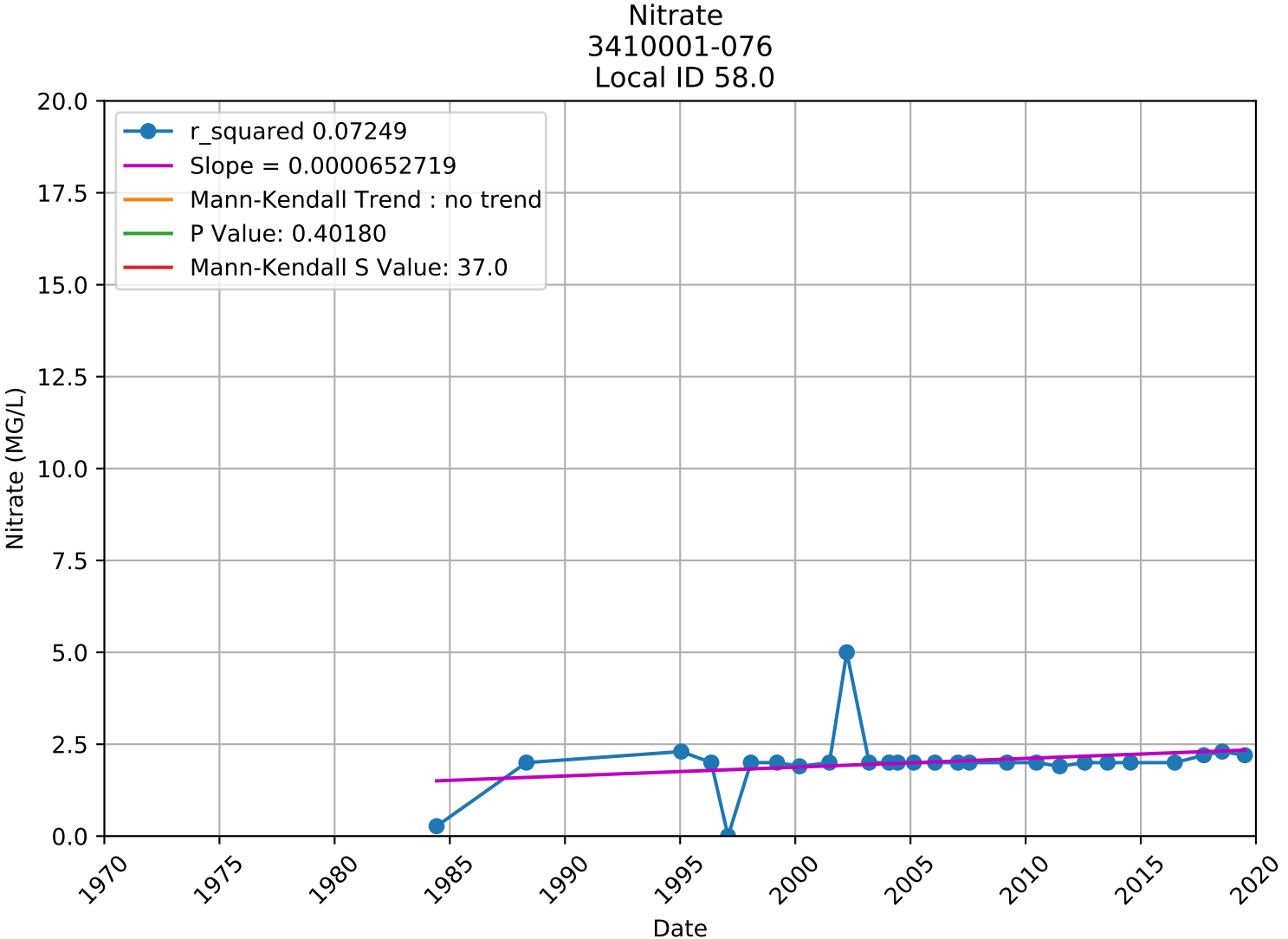

Nitrate
3410001-069
Local ID 225.0
r_squared 0.07554
Slope = -0.0001774385
Mann-Kendall Trend : no trend
P Value: 0.50590
Mann-Kendall S Value: -69.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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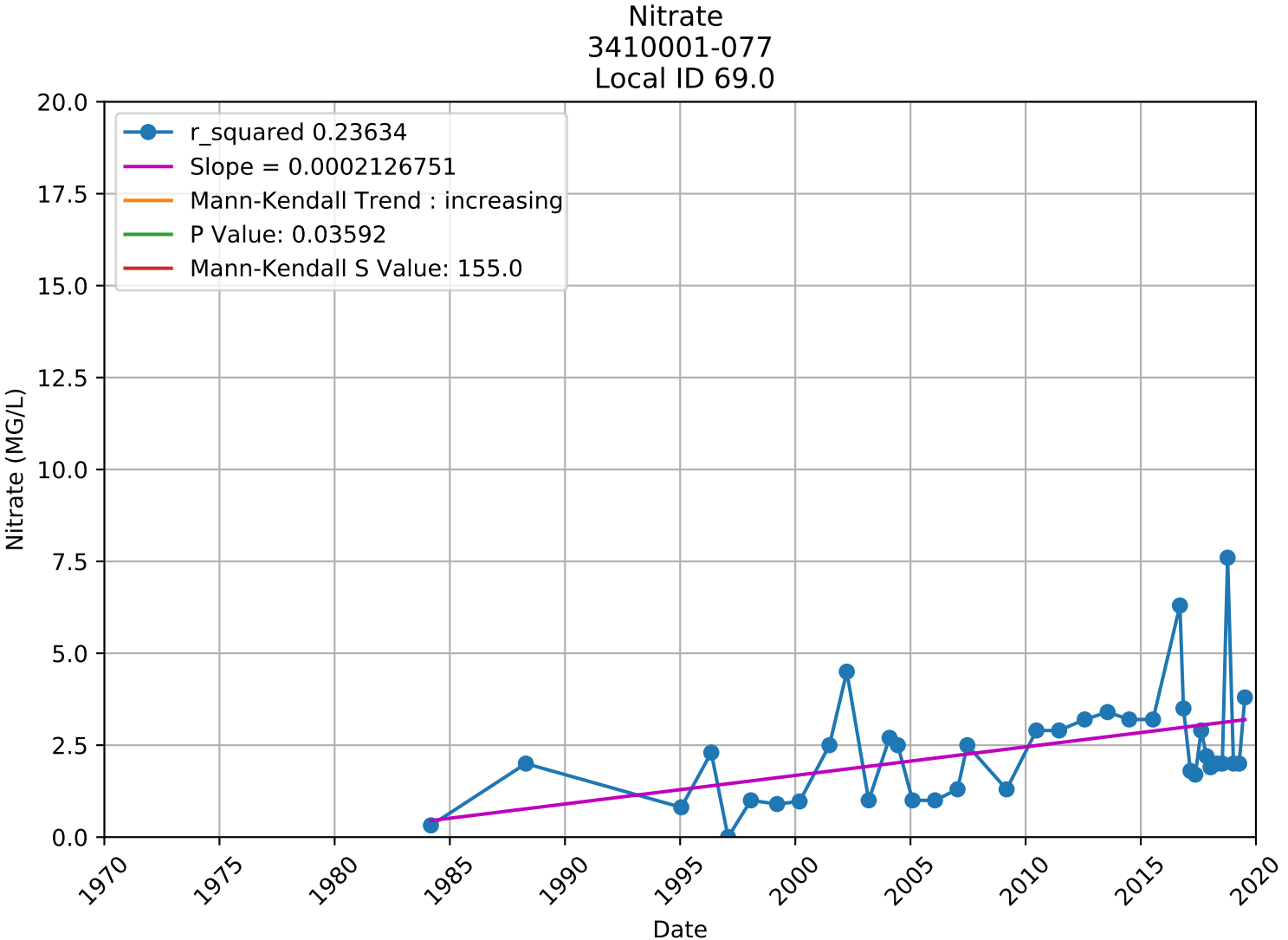

Nitrate
3410001-070
Local ID 255.0
r_squared 0.84296
Slope = -0.0003790968
Mann-Kendall Trend : decreasing
P Value: 0.01849
Mann-Kendall S Value: -226.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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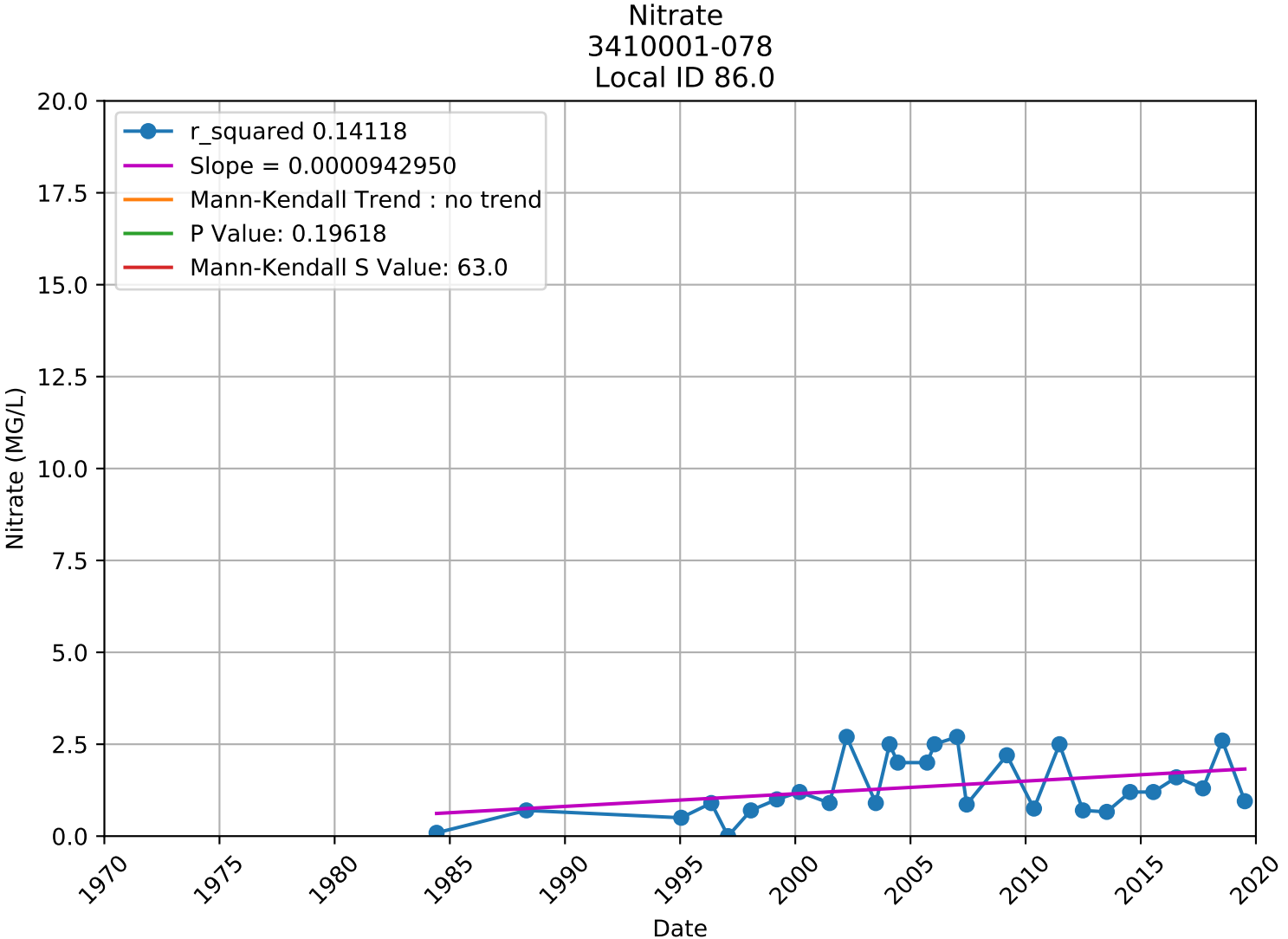

Nitrate
3410001-071
Local ID 205.0
r_squared 0.49825
Slope = 0.0001286908
Mann-Kendall Trend : increasing
P Value: 0.02617
Mann-Kendall S Value: 59.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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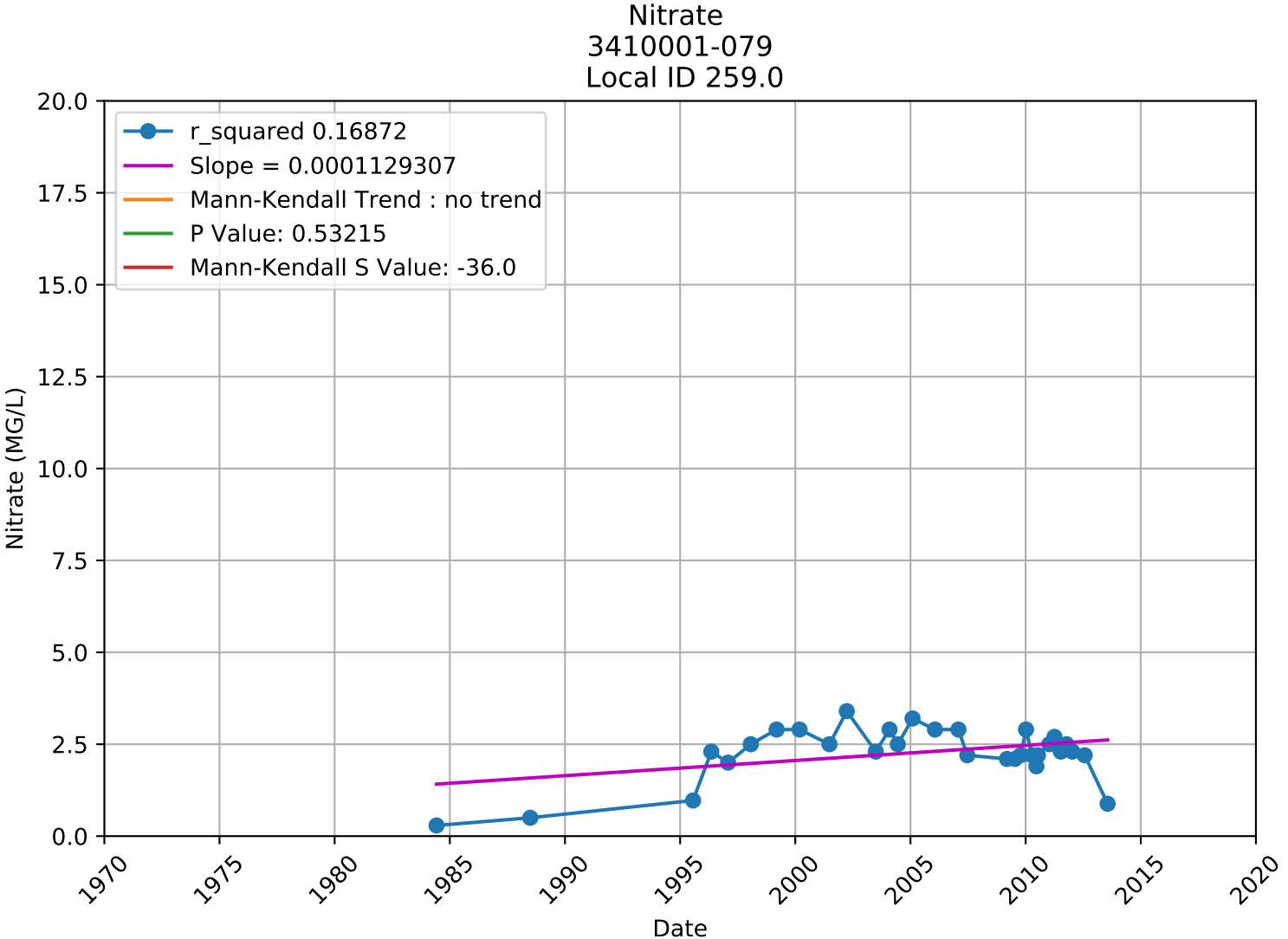

Nitrate
3410001-072
Local ID 106.0
r_squared 0.23878
Slope = 0.0000387090
Mann-Kendall Trend : no trend
P Value: 0.18280
Mann-Kendall S Value: 33.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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2.5
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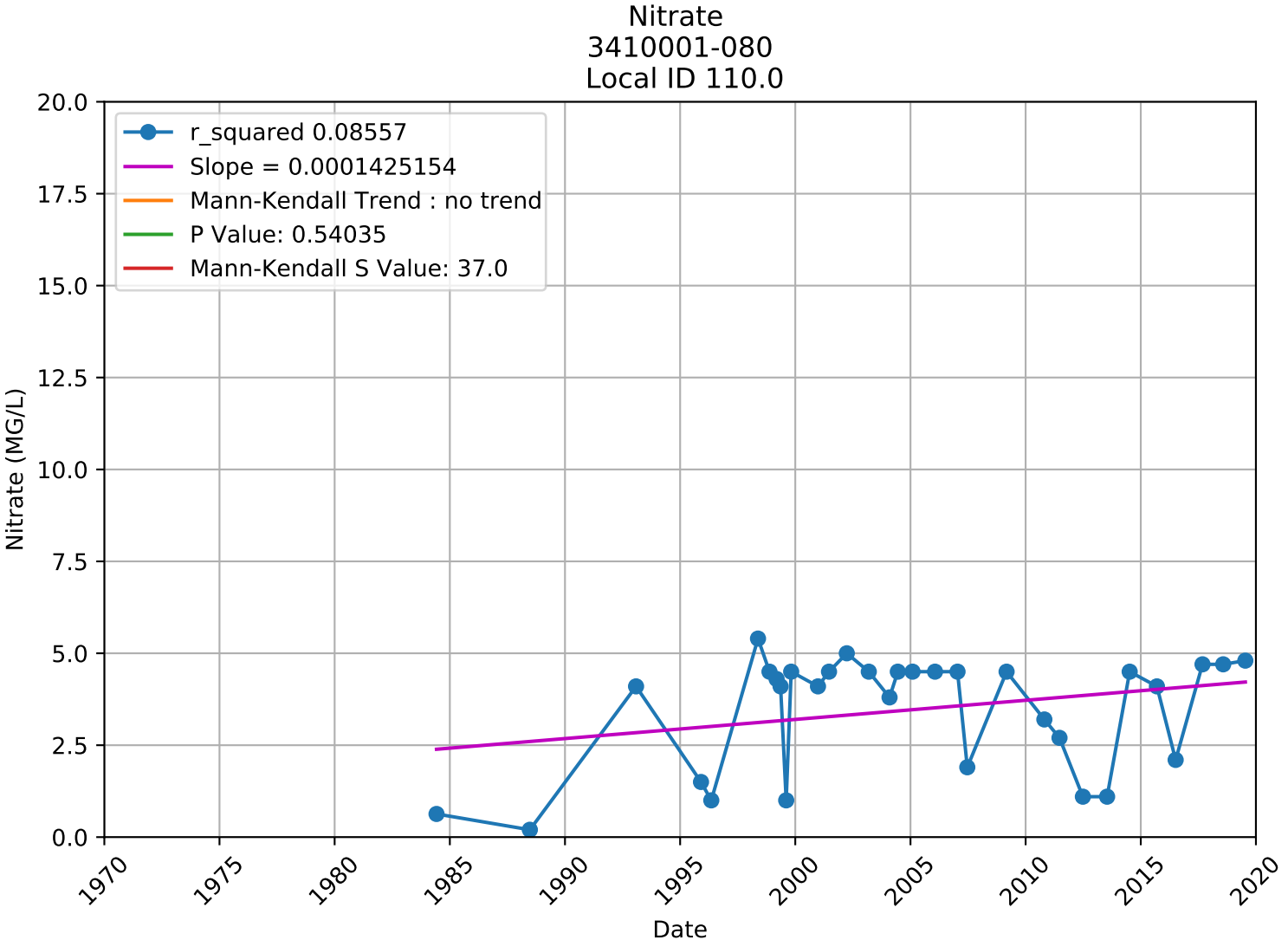

Nitrate
3410001-073
Local ID 252.0
r_squared 0.17951
Slope = -0.0000514149
Mann-Kendall Trend : no trend
P Value: 0.43027
Mann-Kendall S Value: -21.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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2.5
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2015
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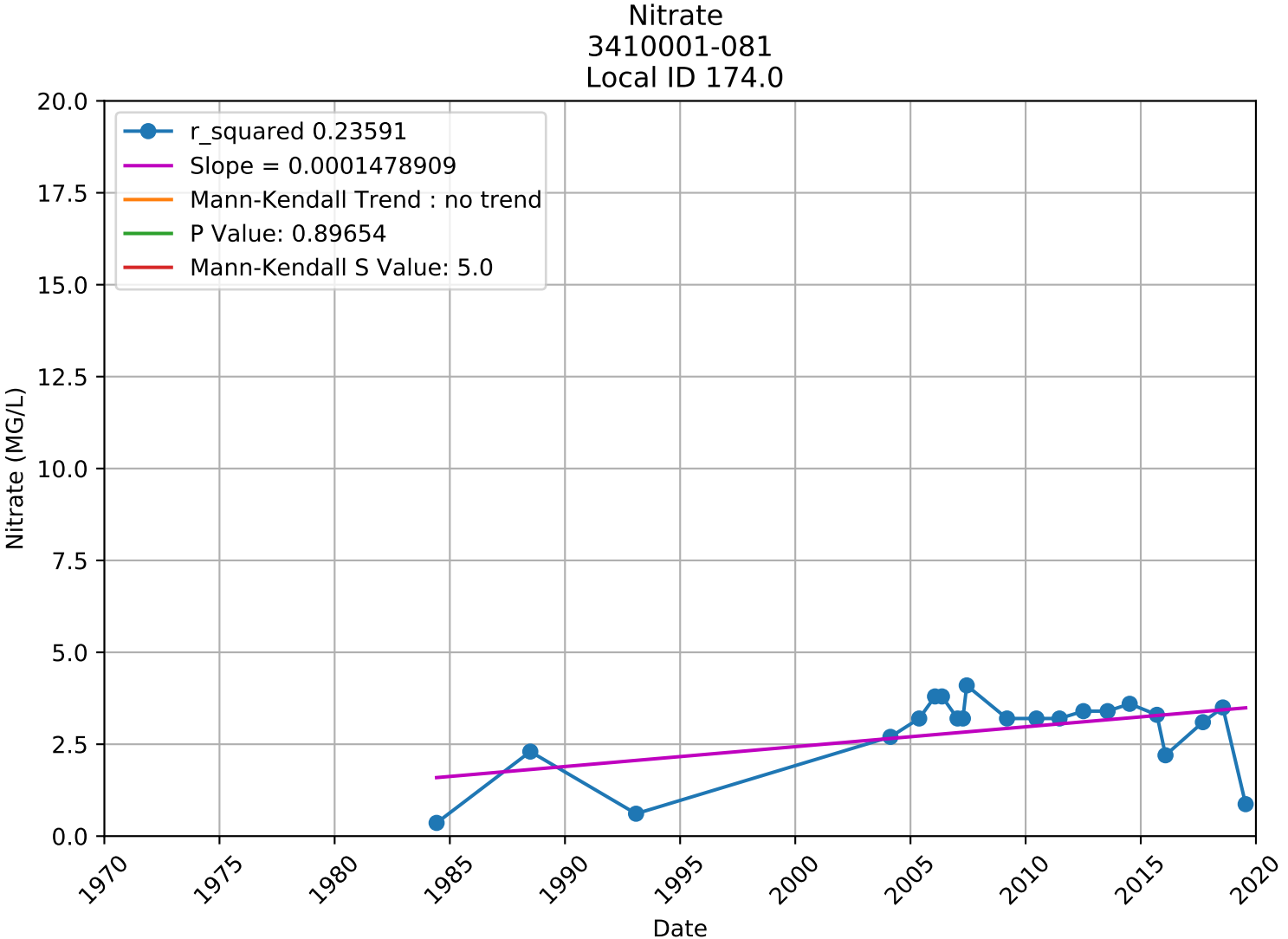

Nitrate
3410001-076
Local ID 58.0
r_squared 0.07249
Slope = 0.0000652719
Mann-Kendall Trend : no trend
P Value: 0.40180
Mann-Kendall S Value: 37.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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10.0
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5.0
2.5
0.0
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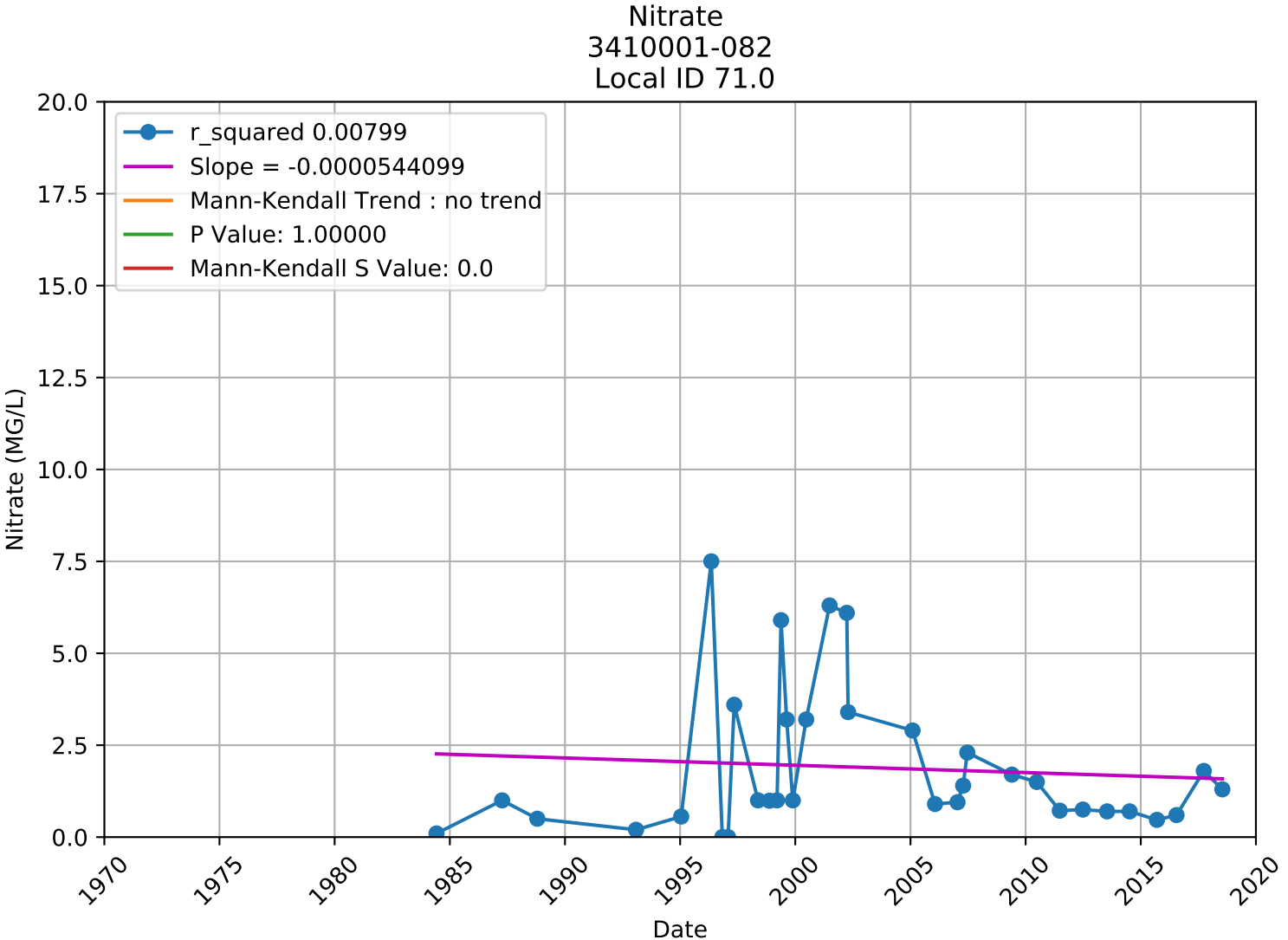

Nitrate
3410001-077
Local ID 69.0
r_squared 0.23634
Slope = 0.0002126751
Mann-Kendall Trend : increasing
P Value: 0.03592
Mann-Kendall S Value: 155.0
Nitrate (MG/L)
Date
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
20.0
1970
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2015
2020

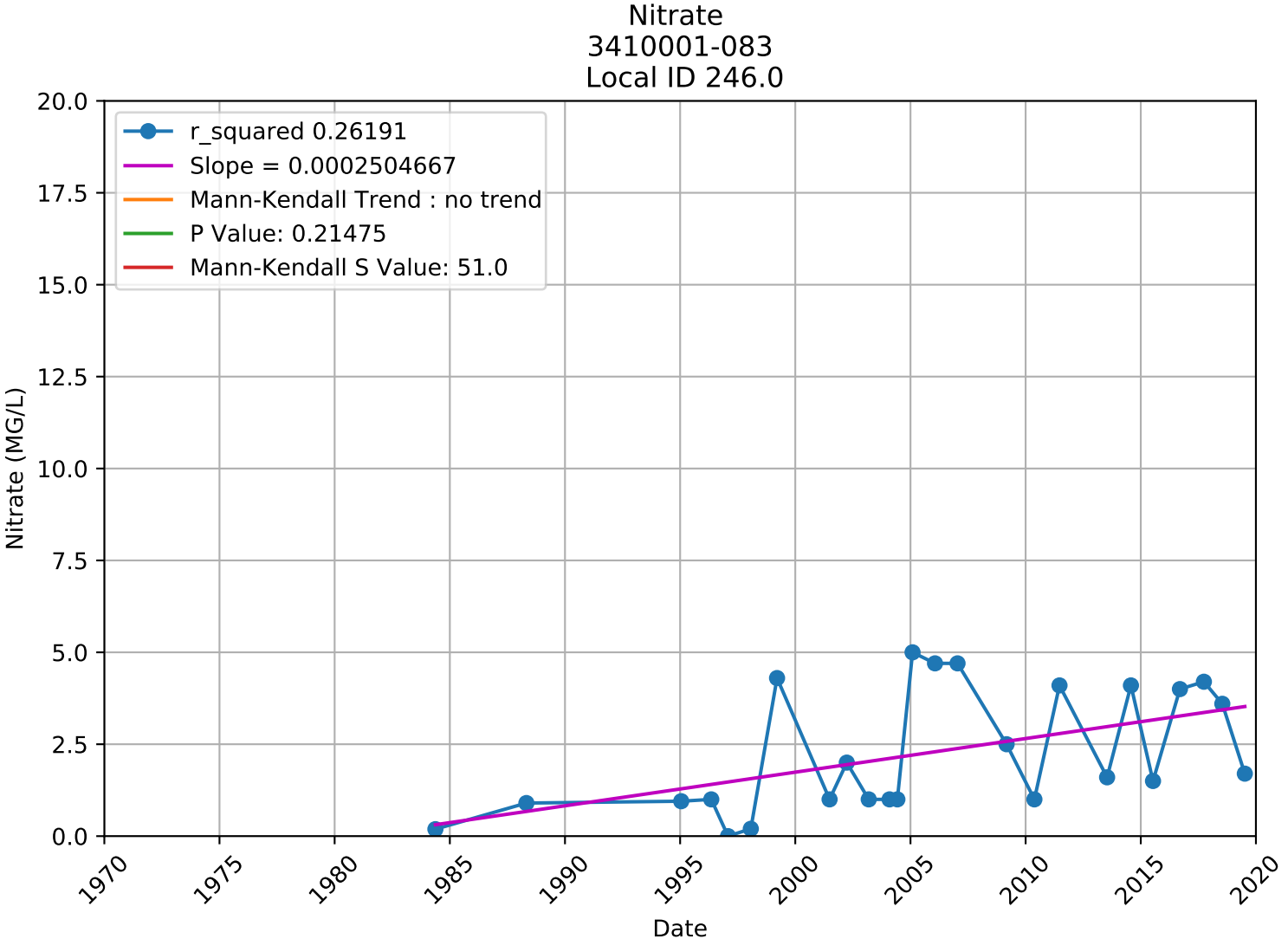

Nitrate
3410001-078
Local ID 86.0
r_squared 0.14118
Slope = 0.0000942950
Mann-Kendall Trend : no trend
P Value: 0.19618
Mann-Kendall S Value: 63.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
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5.0
2.5
0.0
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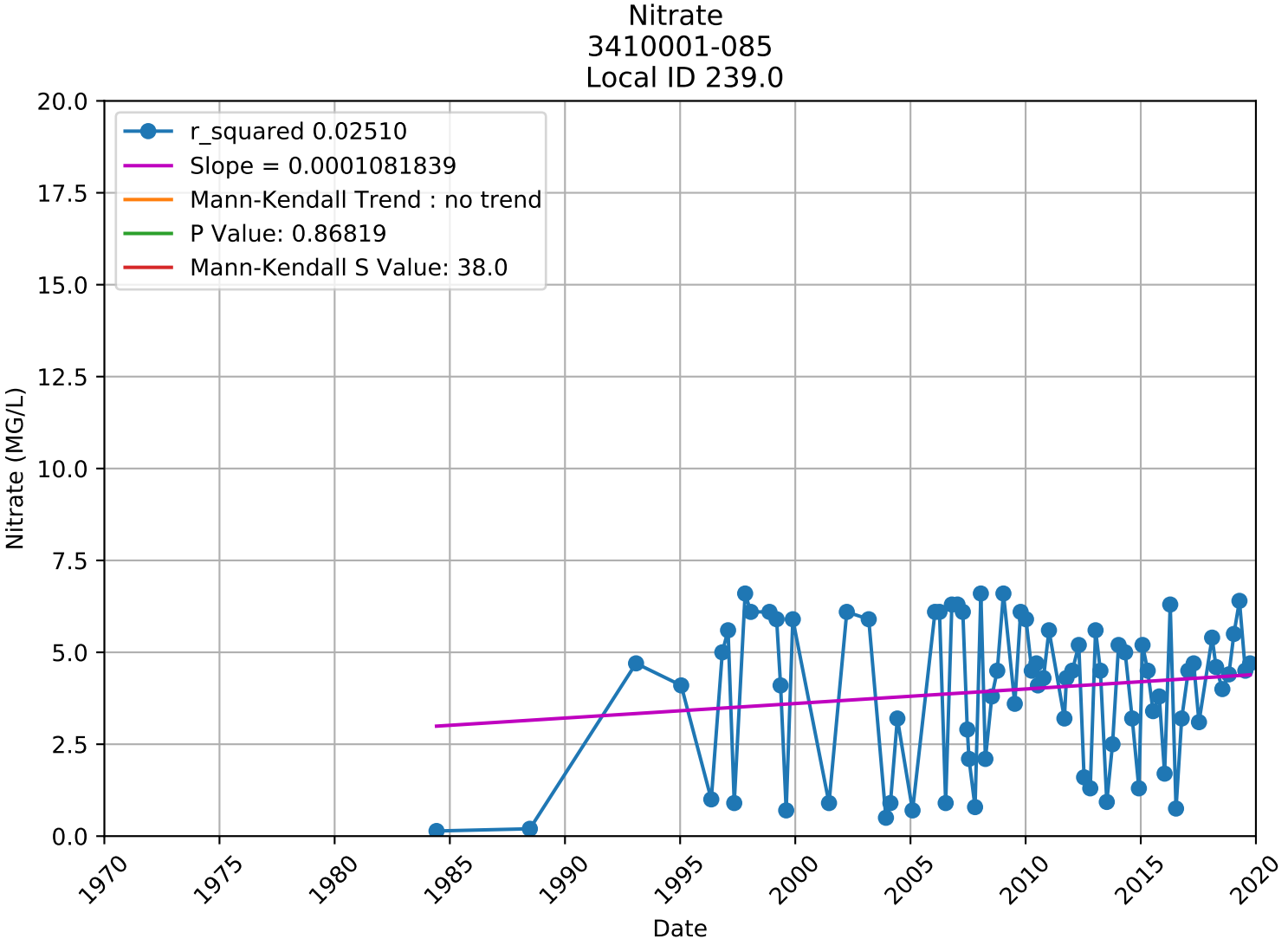

Nitrate
3410001-079
Local ID 259.0
r_squared 0.16872
Slope = 0.0001129307
Mann-Kendall Trend : no trend
P Value: 0.53215
Mann-Kendall S Value: -36.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
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5.0
2.5
0.0
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2020

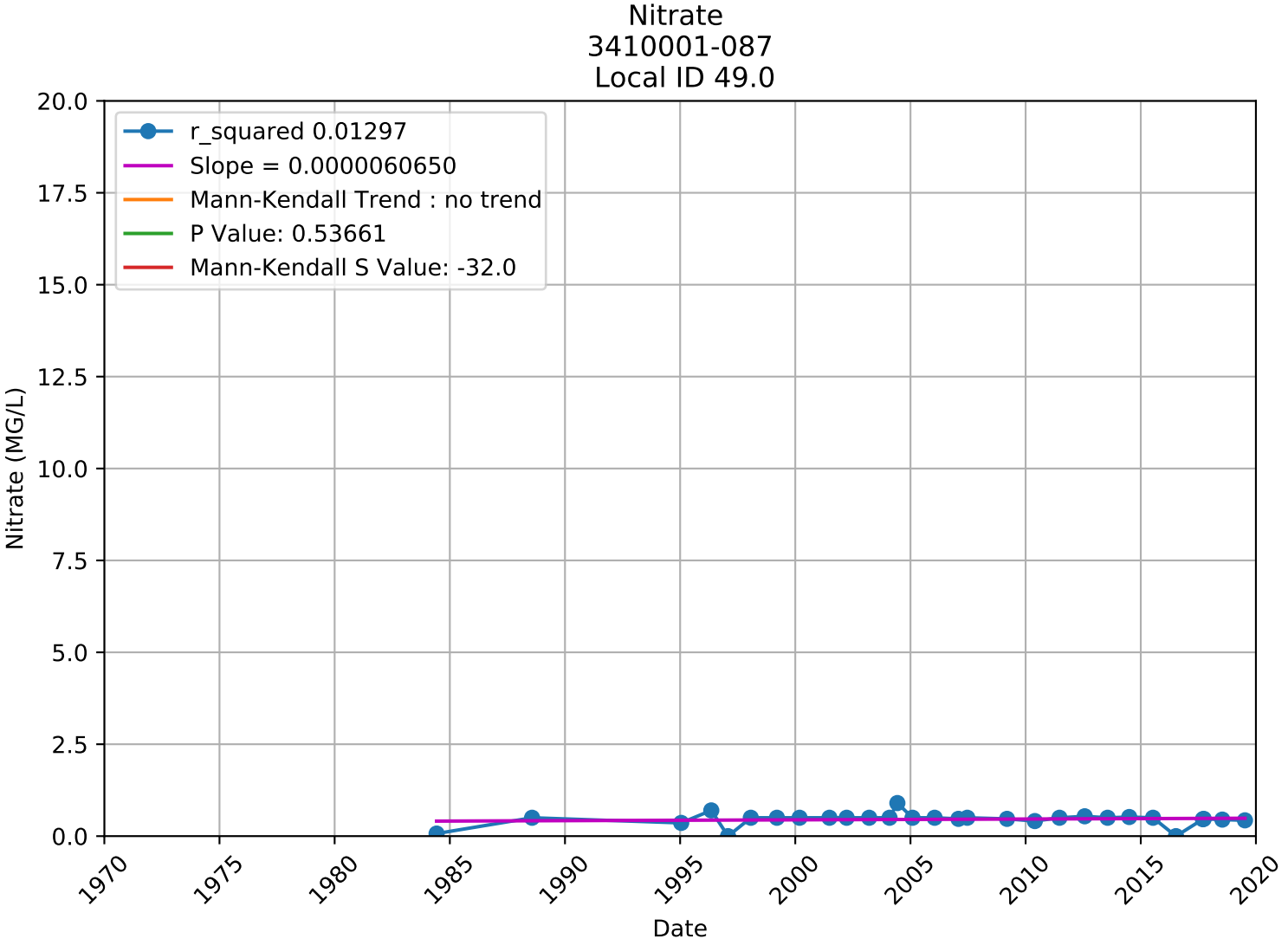

Nitrate
3410001-080
Local ID 110.0
r_squared 0.08557
Slope = 0.0001425154
Mann-Kendall Trend : no trend
P Value: 0.54035
Mann-Kendall S Value: 37.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
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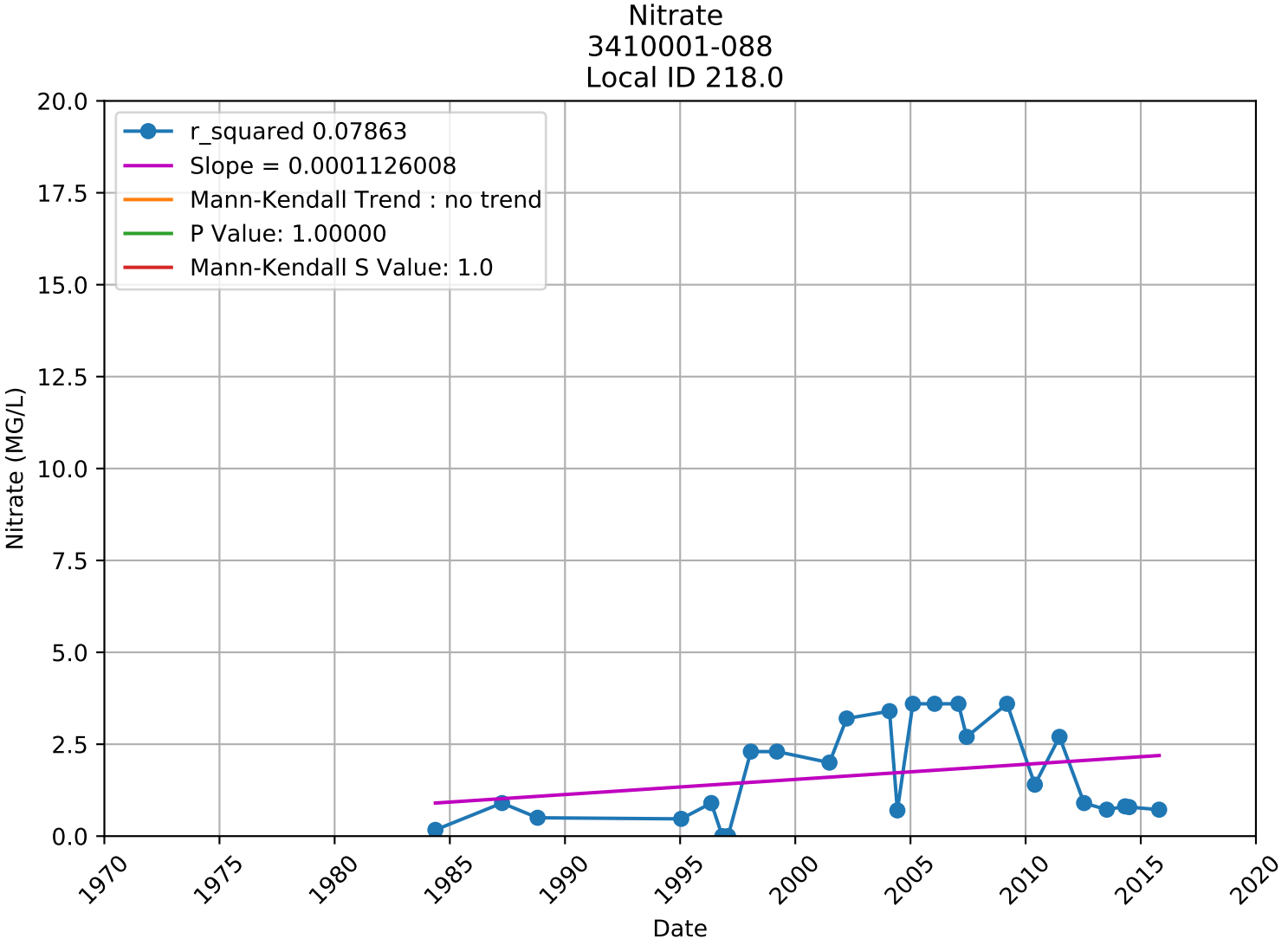

Nitrate
3410001-081
Local ID 174.0
r_squared 0.23591
Slope = 0.0001478909
Mann-Kendall Trend : no trend
P Value: 0.89654
Mann-Kendall S Value: 5.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
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2015
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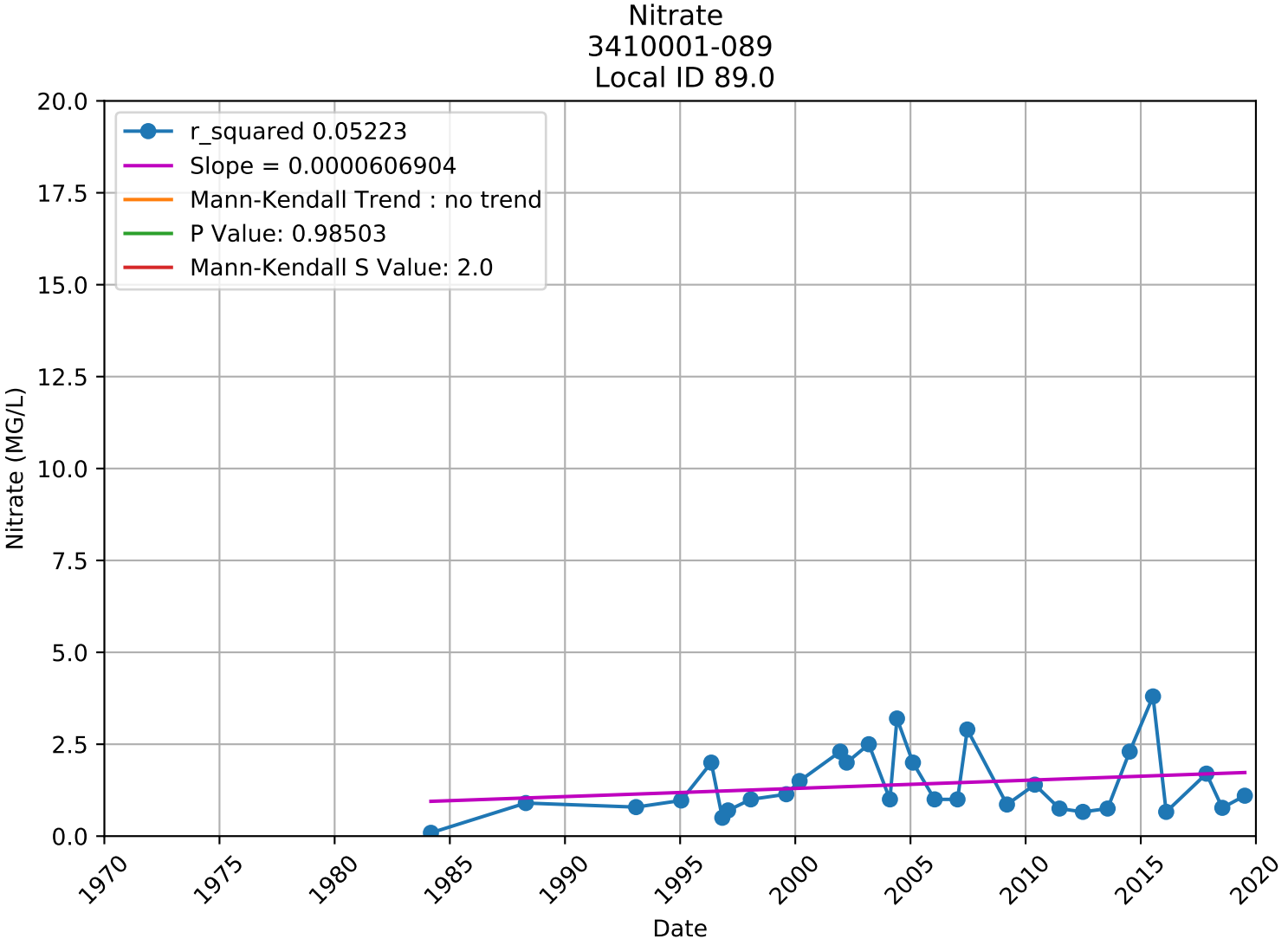

Nitrate
3410001-082
Local ID 71.0
r_squared 0.00799
Slope = -0.0000544099
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
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2015
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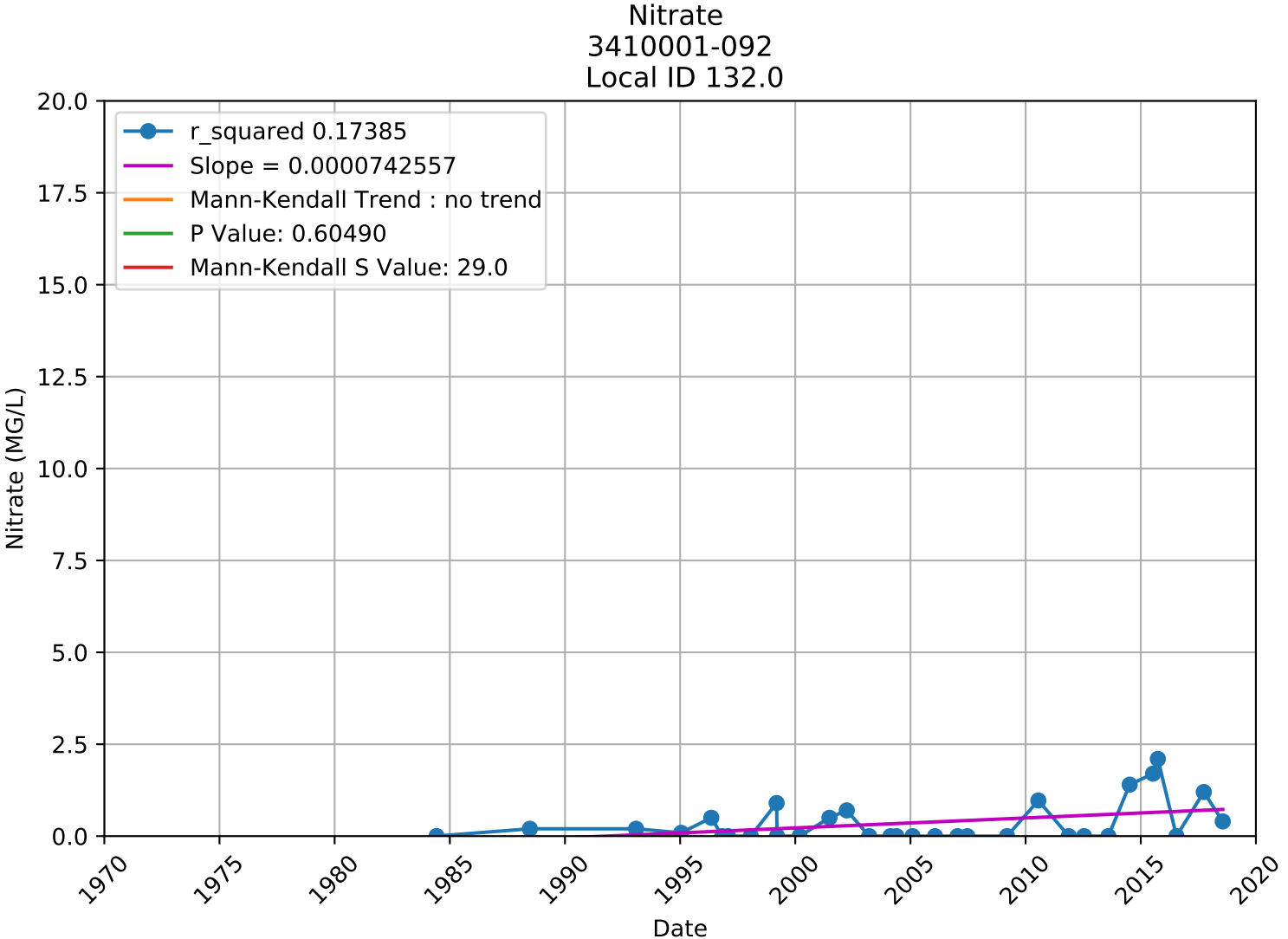

Nitrate
3410001-083
Local ID 246.0
r_squared 0.26191
Slope = 0.0002504667
Mann-Kendall Trend : no trend
P Value: 0.21475
Mann-Kendall S Value: 51.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
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5.0
2.5
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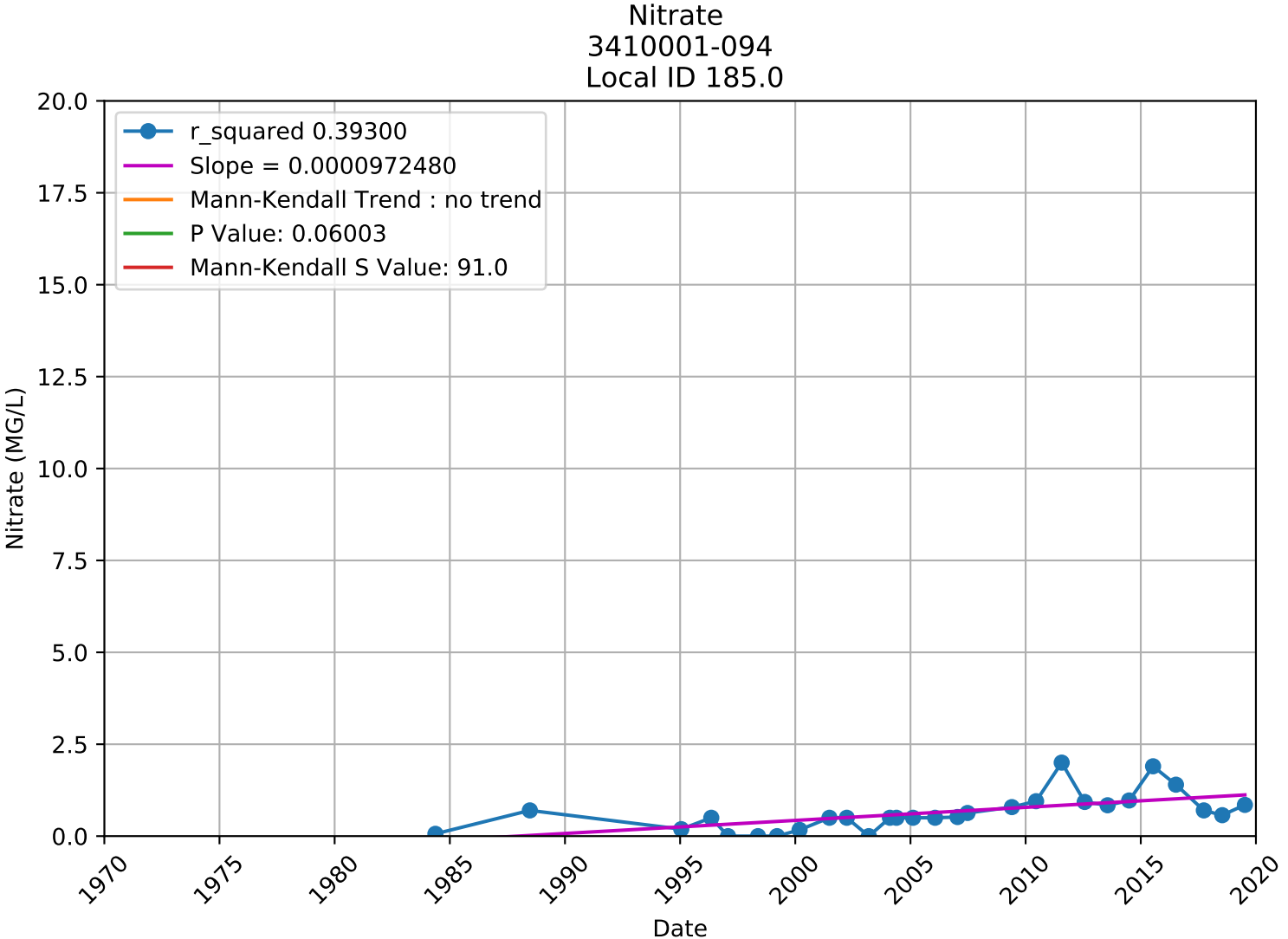

Nitrate
3410001-085
Local ID 239.0
r_squared 0.02510
Slope = 0.0001081839
Mann-Kendall Trend : no trend
P Value: 0.86819
Mann-Kendall S Value: 38.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
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5.0
2.5
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1970
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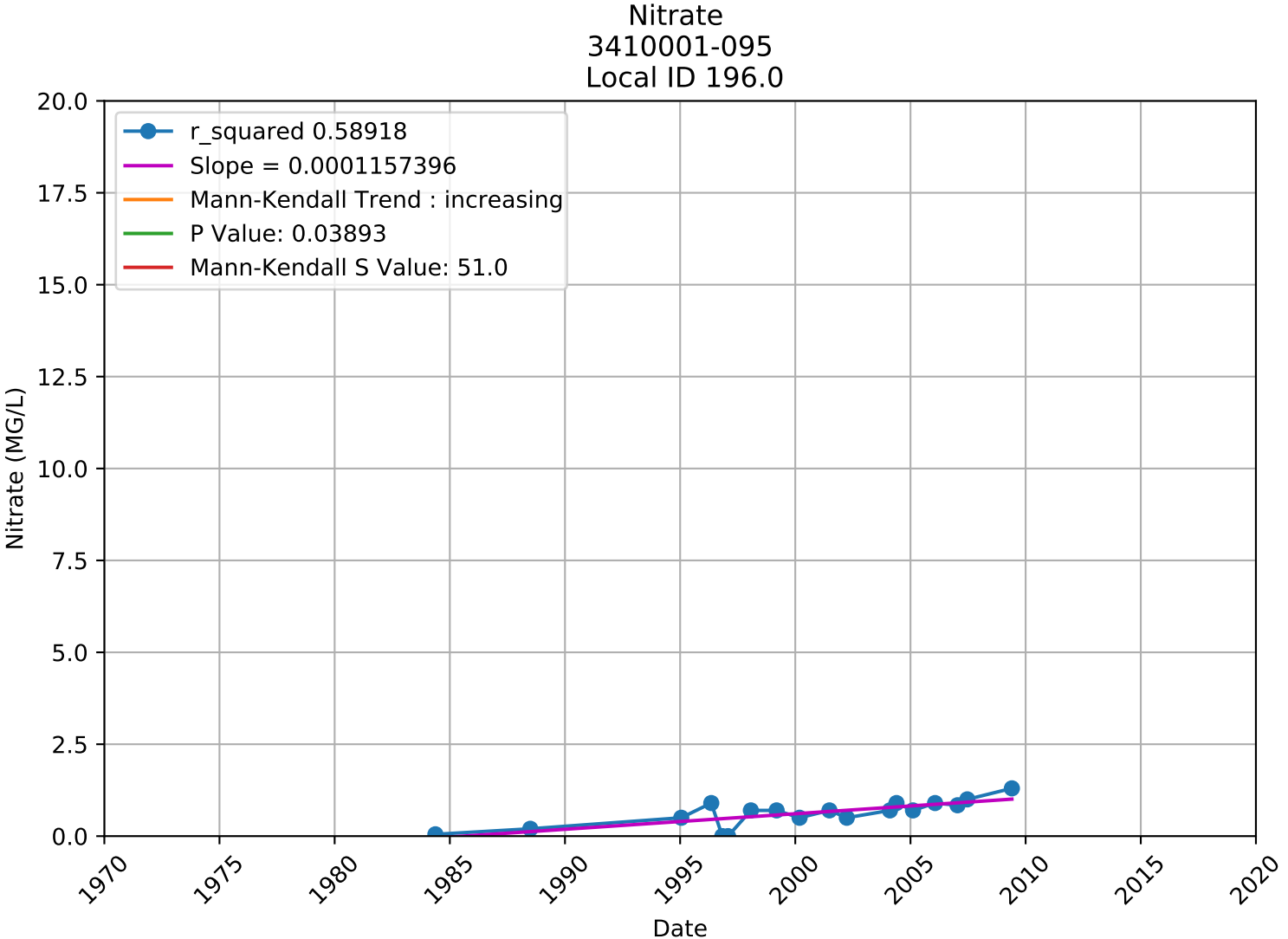

Nitrate
3410001-087
Local ID 49.0
r_squared 0.01297
Slope = 0.0000060650
Mann-Kendall Trend : no trend
P Value: 0.53661
Mann-Kendall S Value: -32.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
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5.0
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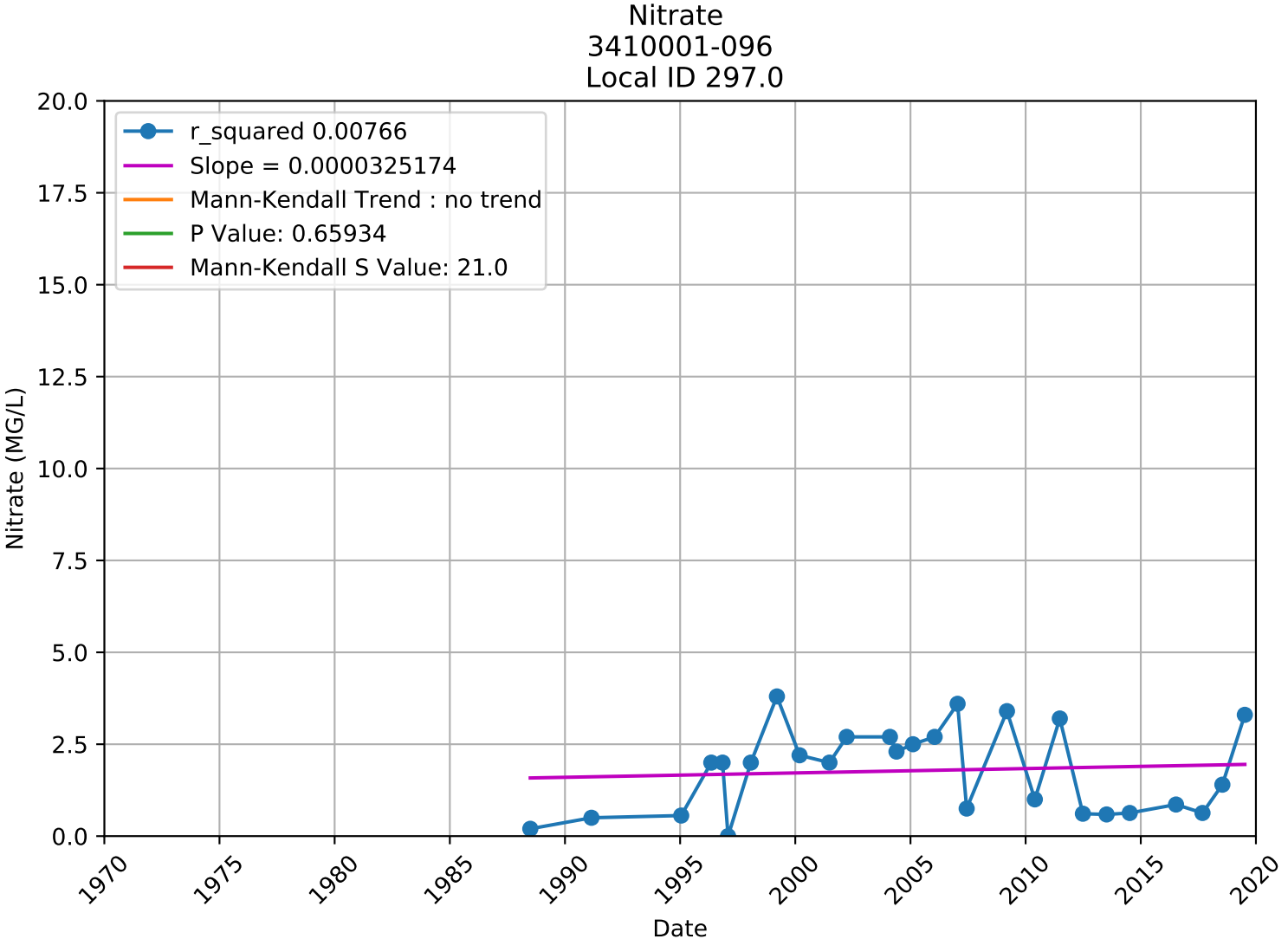

Nitrate
3410001-088
Local ID 218.0
r_squared 0.07863
Slope = 0.0001126008
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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10.0
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2.5
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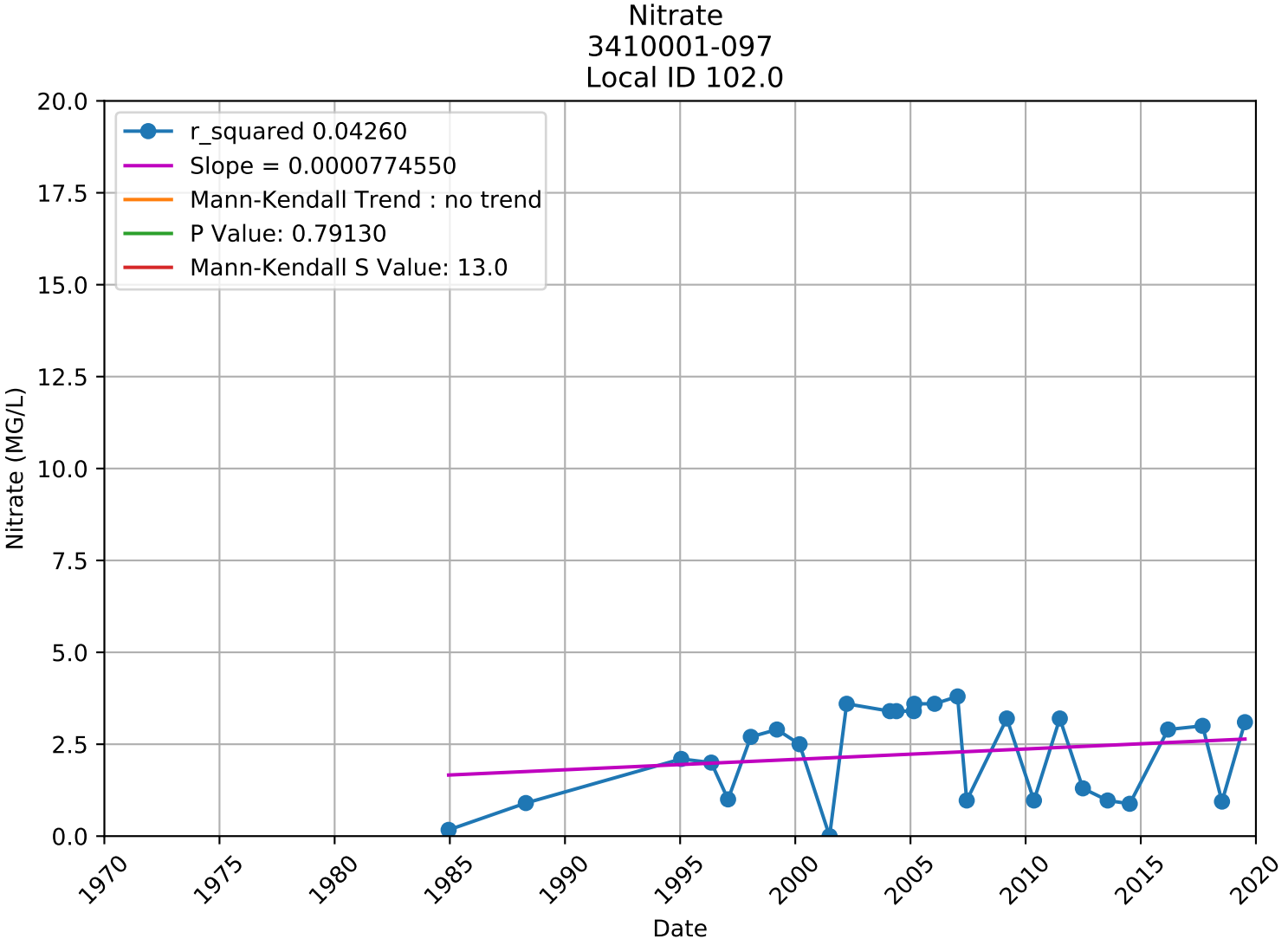

Nitrate
3410001-089
Local ID 89.0
r_squared 0.05223
Slope = 0.0000606904
Mann-Kendall Trend : no trend
P Value: 0.98503
Mann-Kendall S Value: 2.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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2.5
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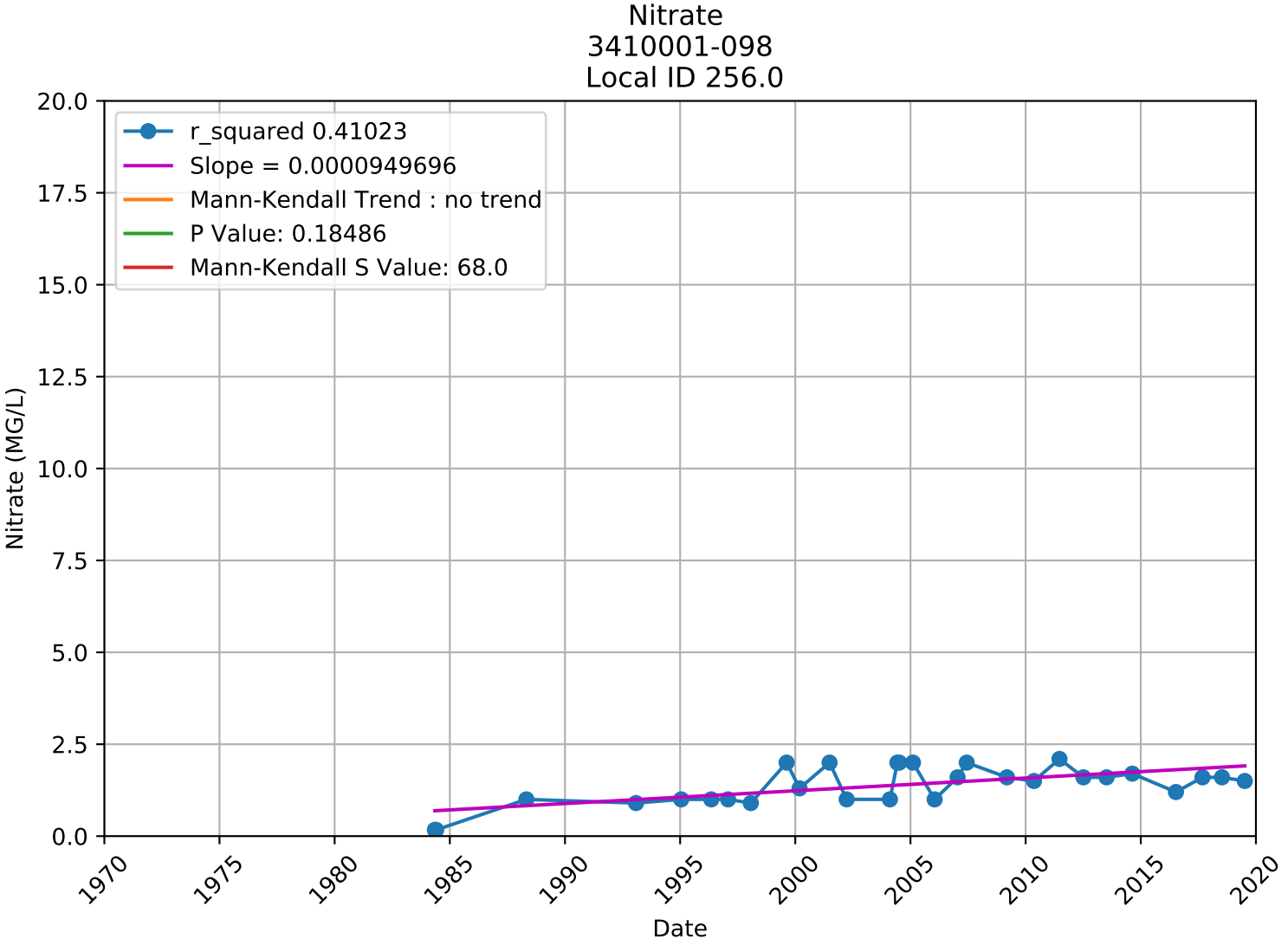

Nitrate
3410001-092
Local ID 132.0
r_squared 0.17385
Slope = 0.0000742557
Mann-Kendall Trend : no trend
P Value: 0.60490
Mann-Kendall S Value: 29.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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10.0
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5.0
2.5
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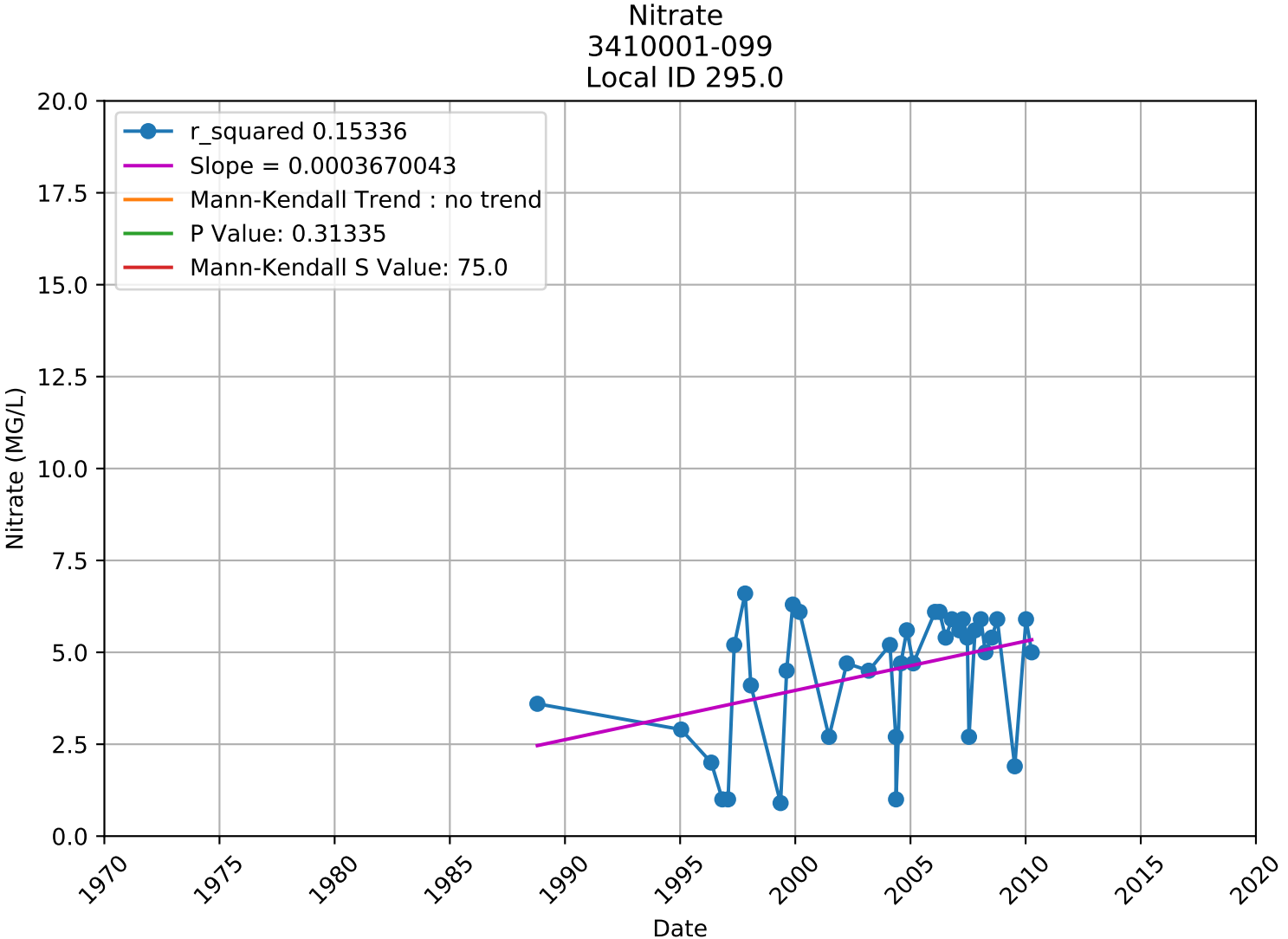

Nitrate
3410001-094
Local ID 185.0
r_squared 0.39300
Slope = 0.0000972480
Mann-Kendall Trend : no trend
P Value: 0.06003
Mann-Kendall S Value: 91.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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5.0
2.5
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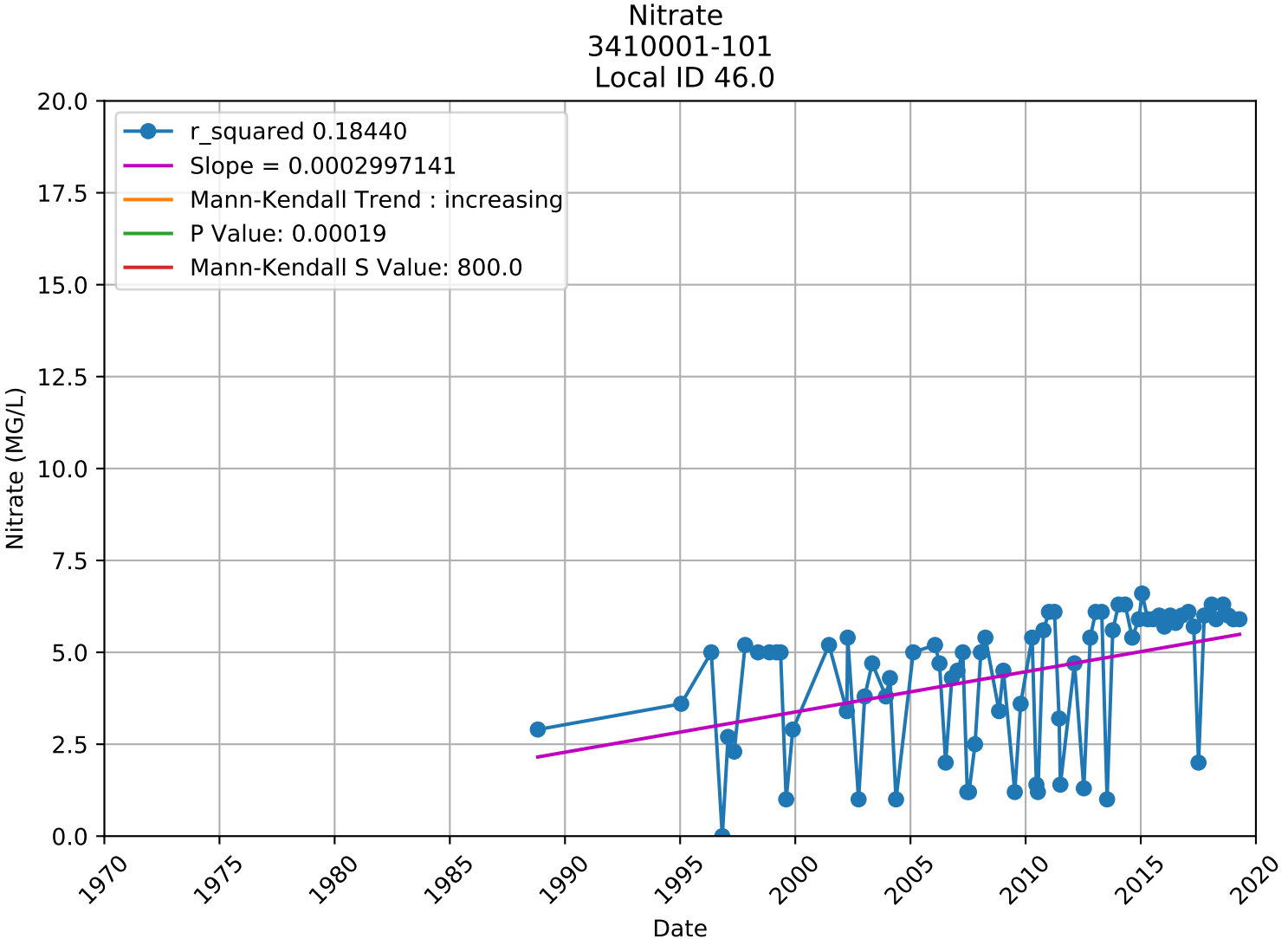

Nitrate
3410001-095
Local ID 196.0
r_squared 0.58918
Slope = 0.0001157396
Mann-Kendall Trend : increasing
P Value: 0.03893
Mann-Kendall S Value: 51.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
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5.0
2.5
0.0
1970
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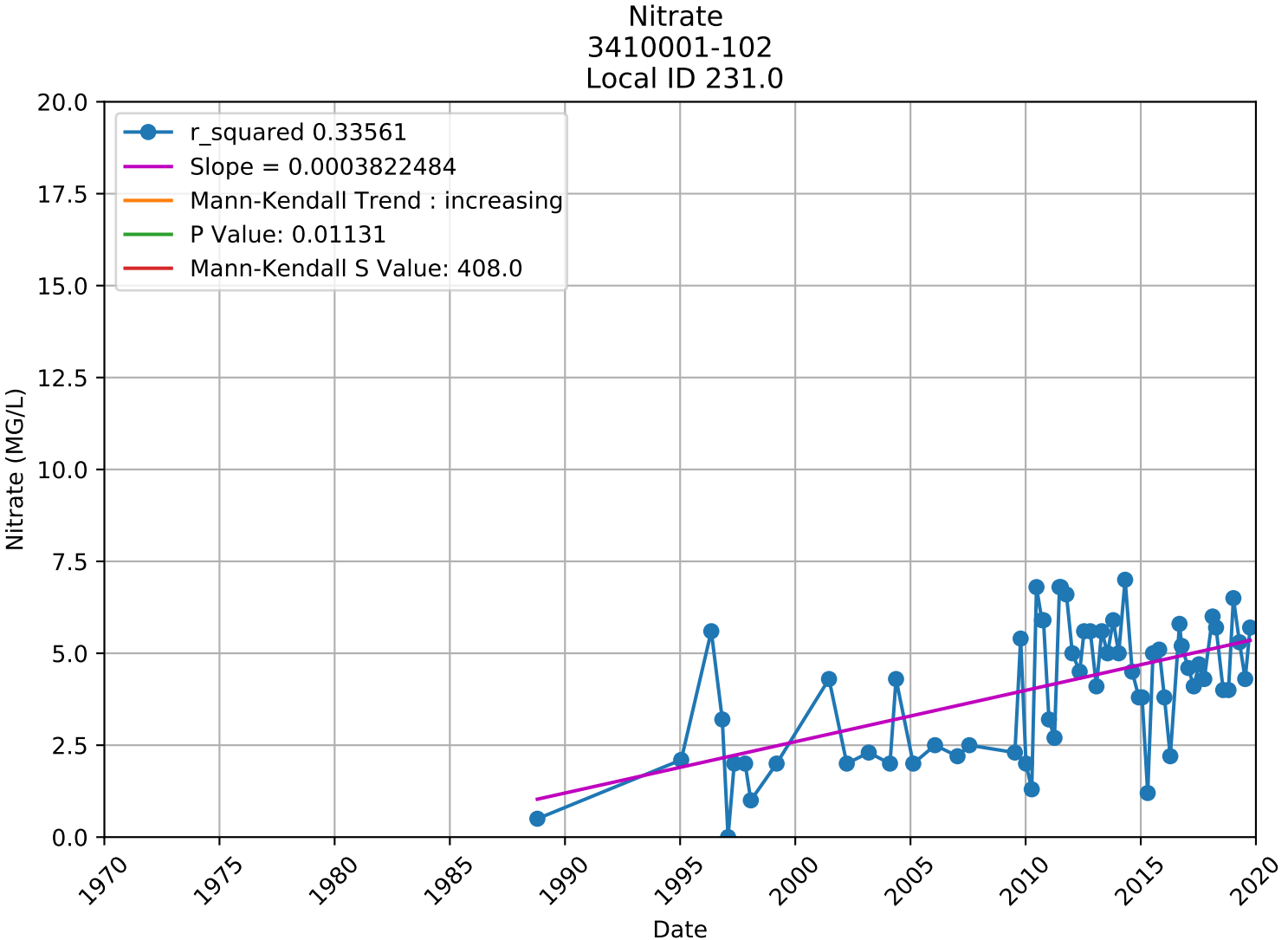

Nitrate
3410001-096
Local ID 297.0
r_squared 0.00766
Slope = 0.0000325174
Mann-Kendall Trend : no trend
P Value: 0.65934
Mann-Kendall S Value: 21.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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2.5
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2020

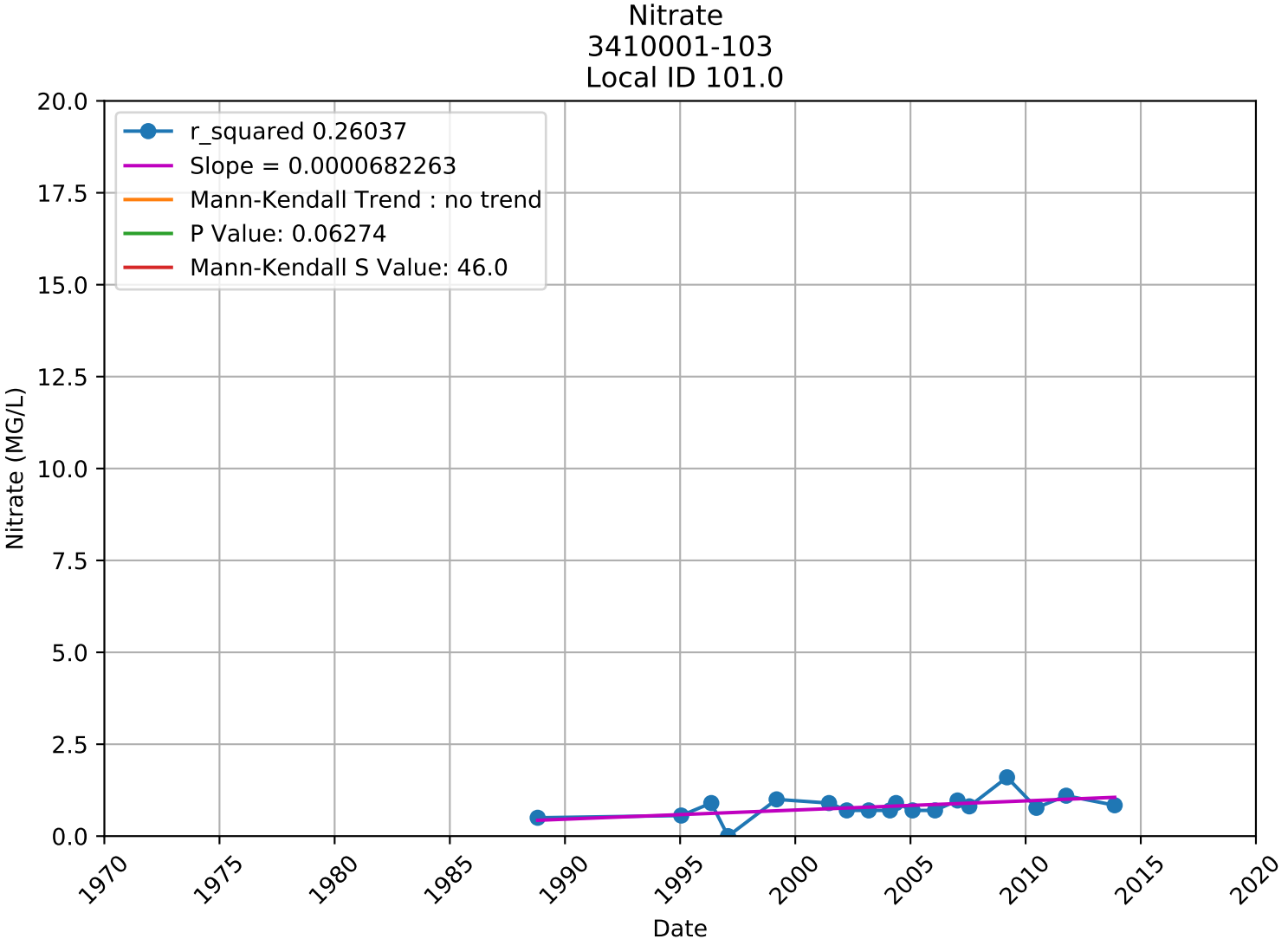

Nitrate
3410001-097
Local ID 102.0
r_squared 0.04260
Slope = 0.0000774550
Mann-Kendall Trend : no trend
P Value: 0.79130
Mann-Kendall S Value: 13.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
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5.0
2.5
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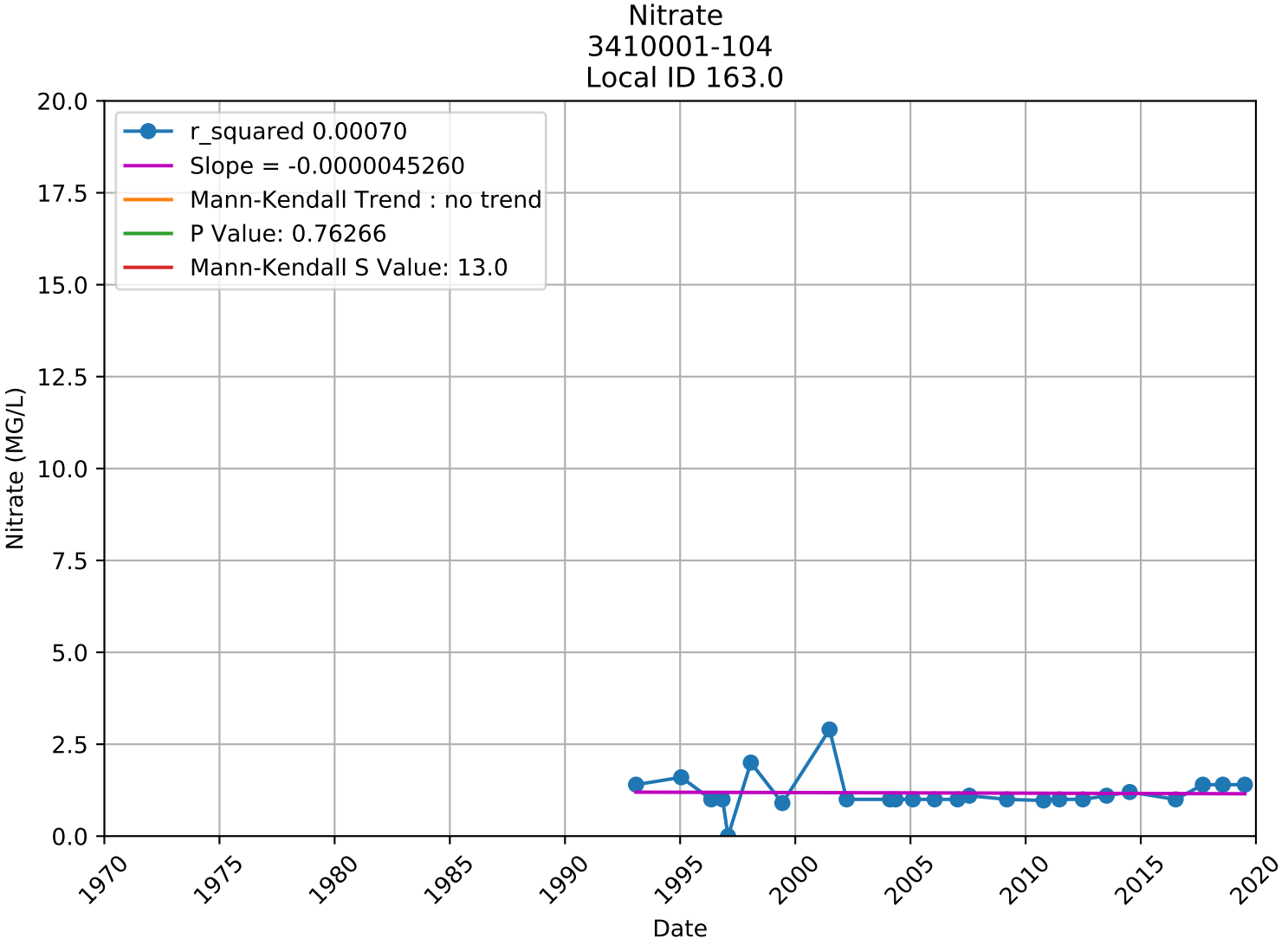

Nitrate
3410001-098
Local ID 256.0
r_squared 0.41023
Slope = 0.0000949696
Mann-Kendall Trend : no trend
P Value: 0.18486
Mann-Kendall S Value: 68.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
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2020

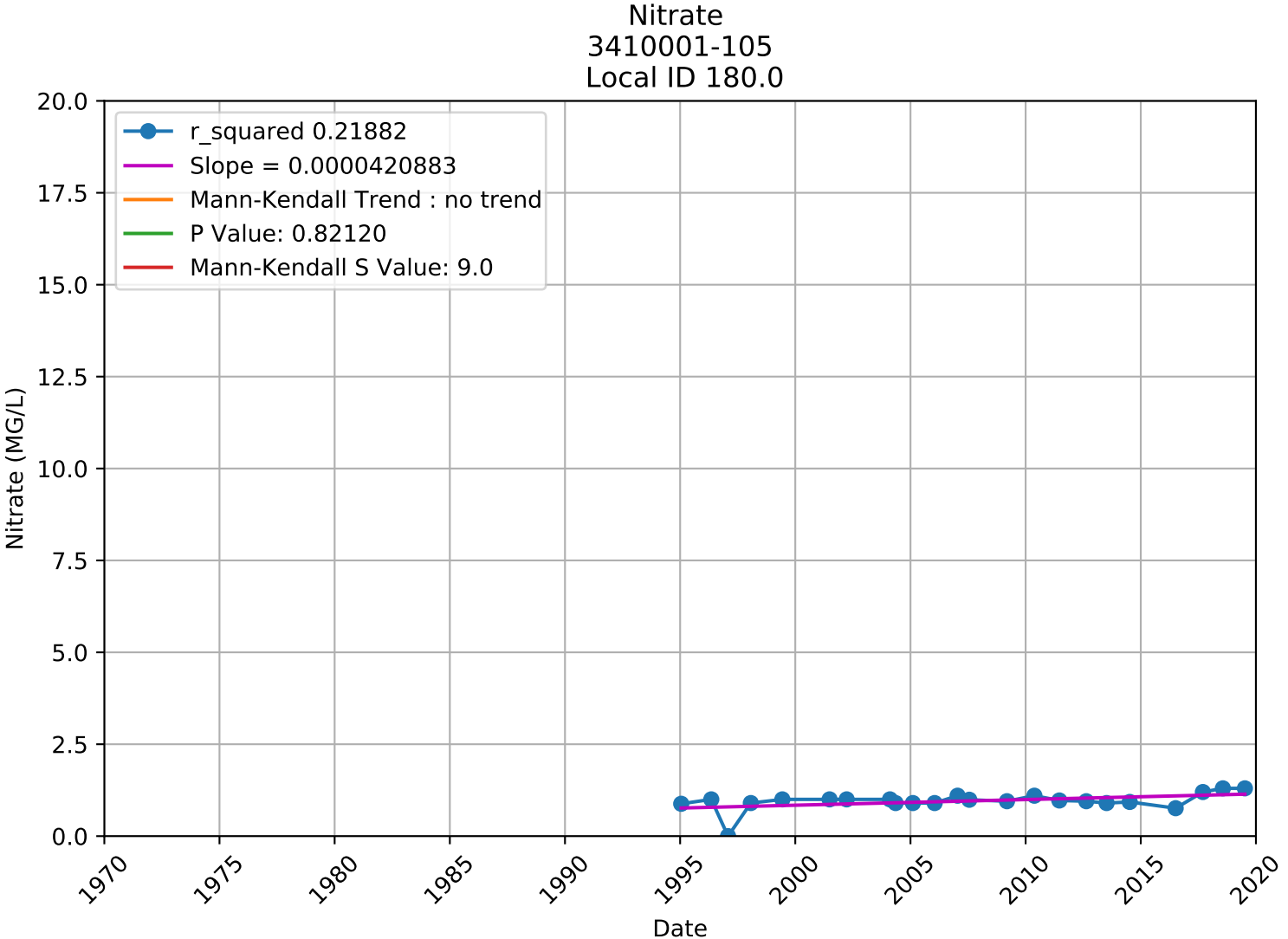

Nitrate
3410001-099
Local ID 295.0
r_squared 0.15336
Slope = 0.0003670043
Mann-Kendall Trend : no trend
P Value: 0.31335
Mann-Kendall S Value: 75.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
1975
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2020

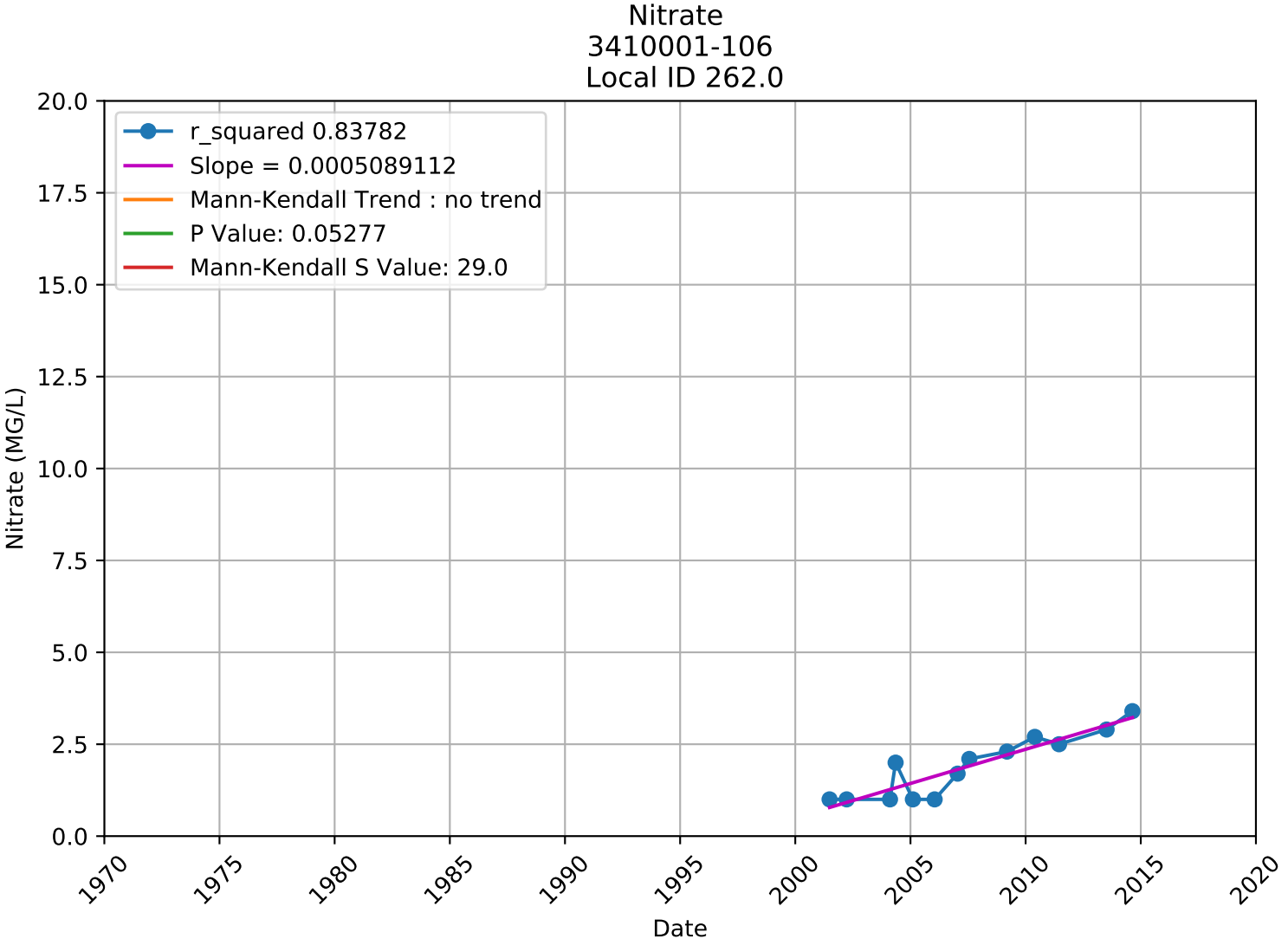

Nitrate
3410001-101
Local ID 46.0
r_squared 0.18440
Slope = 0.0002997141
Mann-Kendall Trend : increasing
P Value: 0.00019
Mann-Kendall S Value: 800.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
1975
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2015
2020

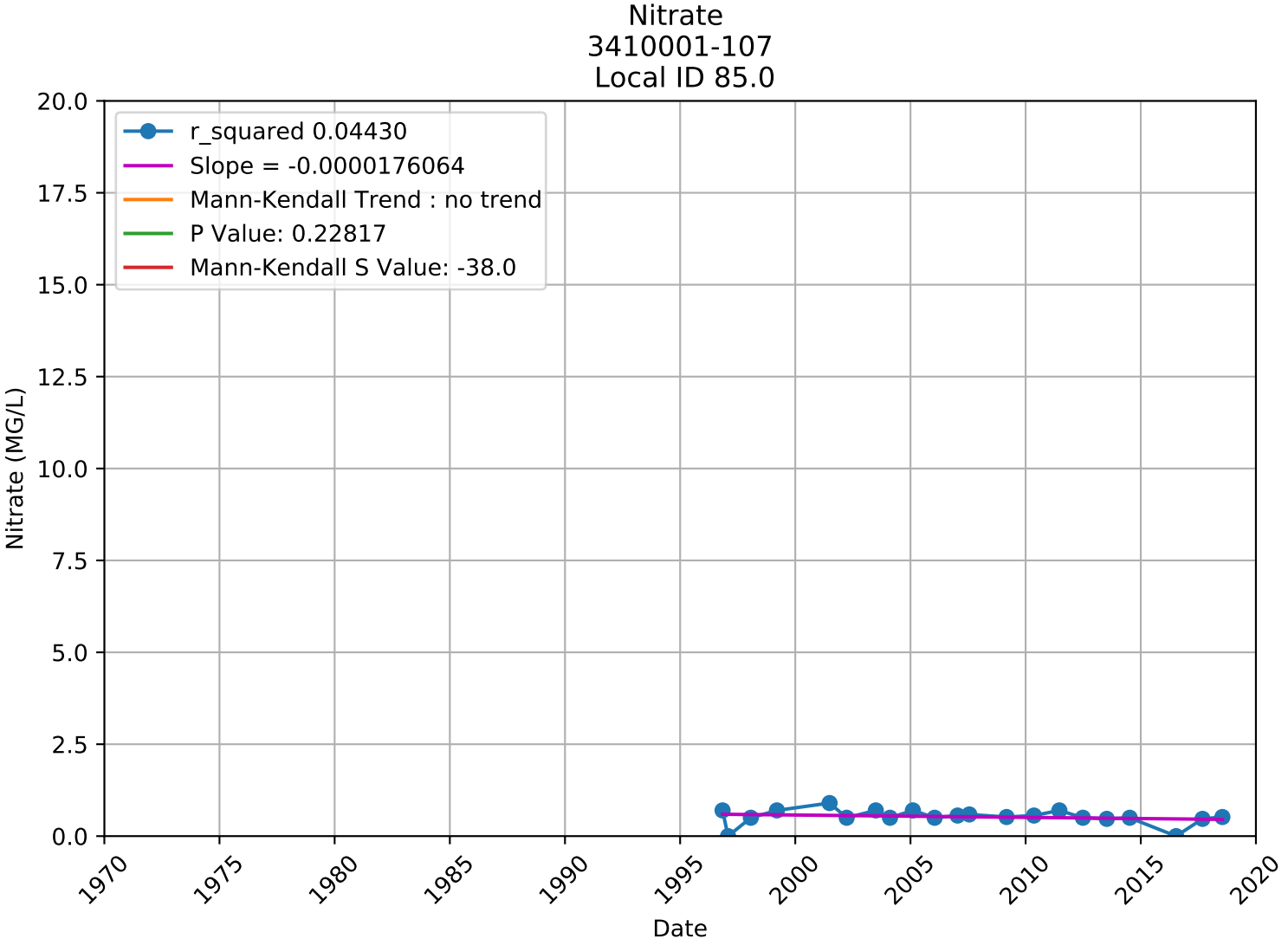

Nitrate
3410001-102
Local ID 231.0
r_squared 0.33561
Slope = 0.0003822484
Mann-Kendall Trend : increasing
P Value: 0.01131
Mann-Kendall S Value: 408.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
1975
1980
1985
1990
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2015
2020

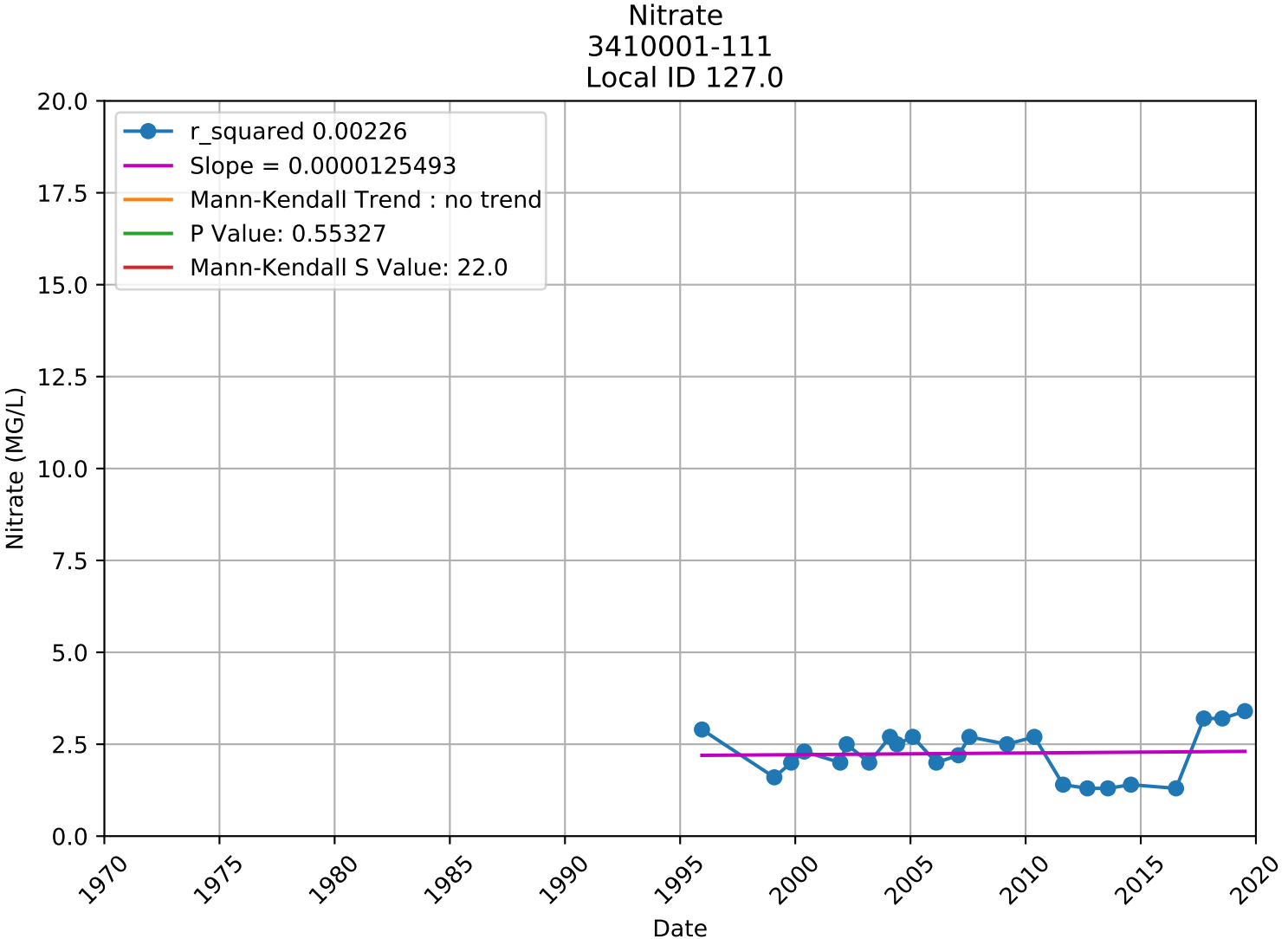

Nitrate
3410001-103
Local ID 101.0
r_squared 0.26037
Slope = 0.0000682263
Mann-Kendall Trend : no trend
P Value: 0.06274
Mann-Kendall S Value: 46.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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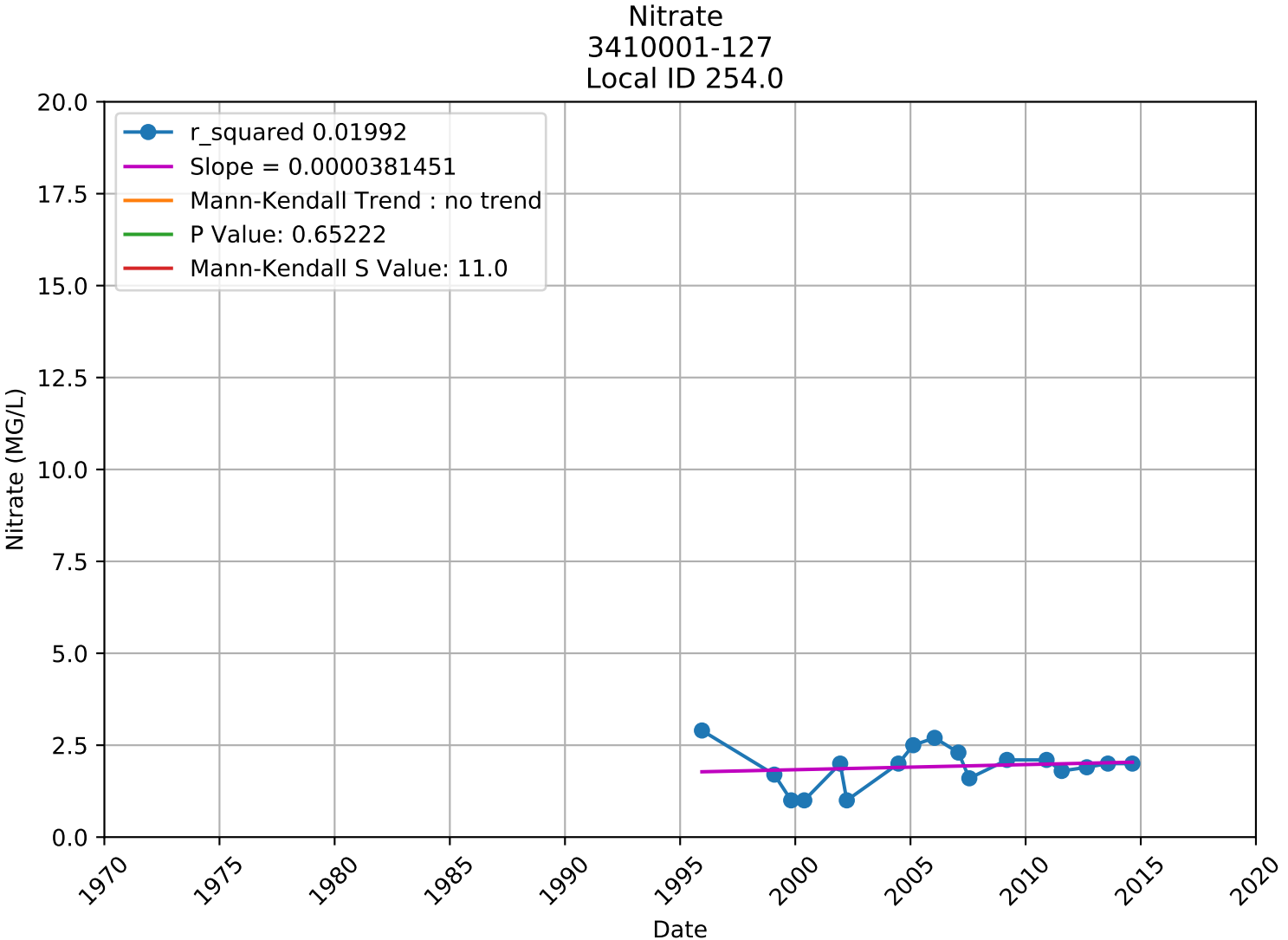

Nitrate
3410001-104
Local ID 163.0
r_squared 0.00070
Slope = -0.0000045260
Mann-Kendall Trend : no trend
P Value: 0.76266
Mann-Kendall S Value: 13.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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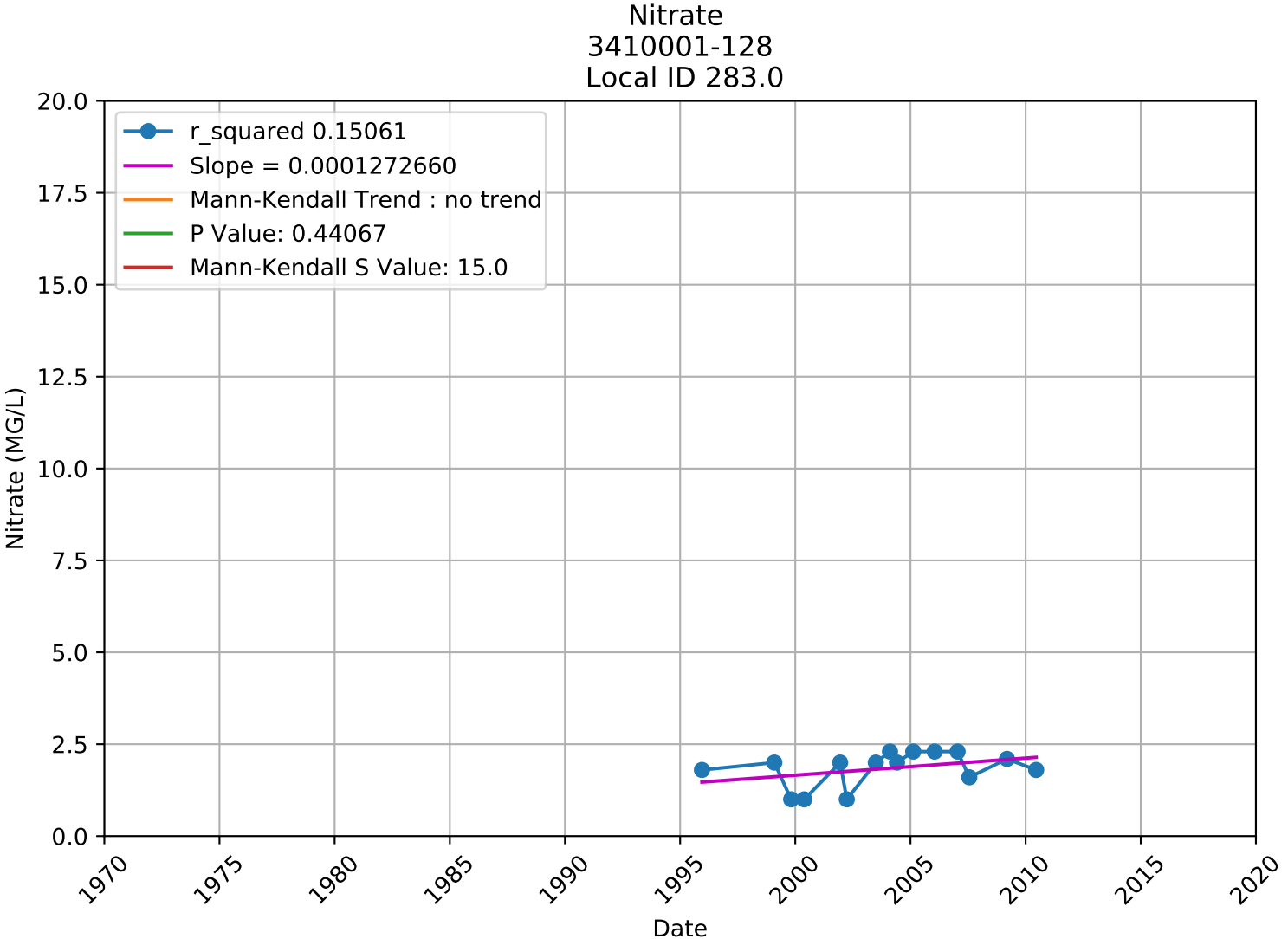

Nitrate
3410001-105
Local ID 180.0
r_squared 0.21882
Slope = 0.0000420883
Mann-Kendall Trend : no trend
P Value: 0.82120
Mann-Kendall S Value: 9.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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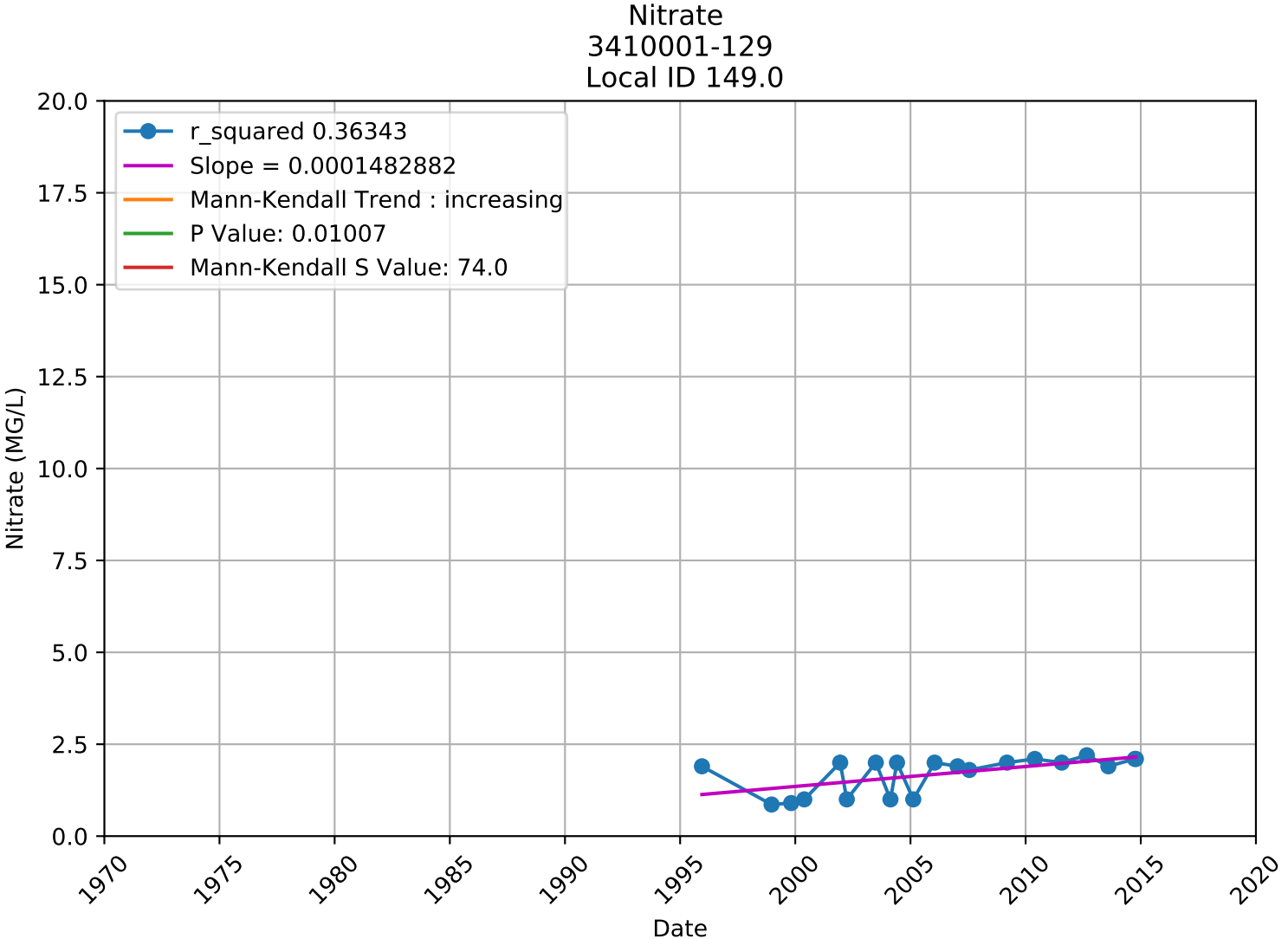

Nitrate
3410001-106
Local ID 262.0
r_squared 0.83782
Slope = 0.0005089112
Mann-Kendall Trend : no trend
P Value: 0.05277
Mann-Kendall S Value: 29.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
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2.5
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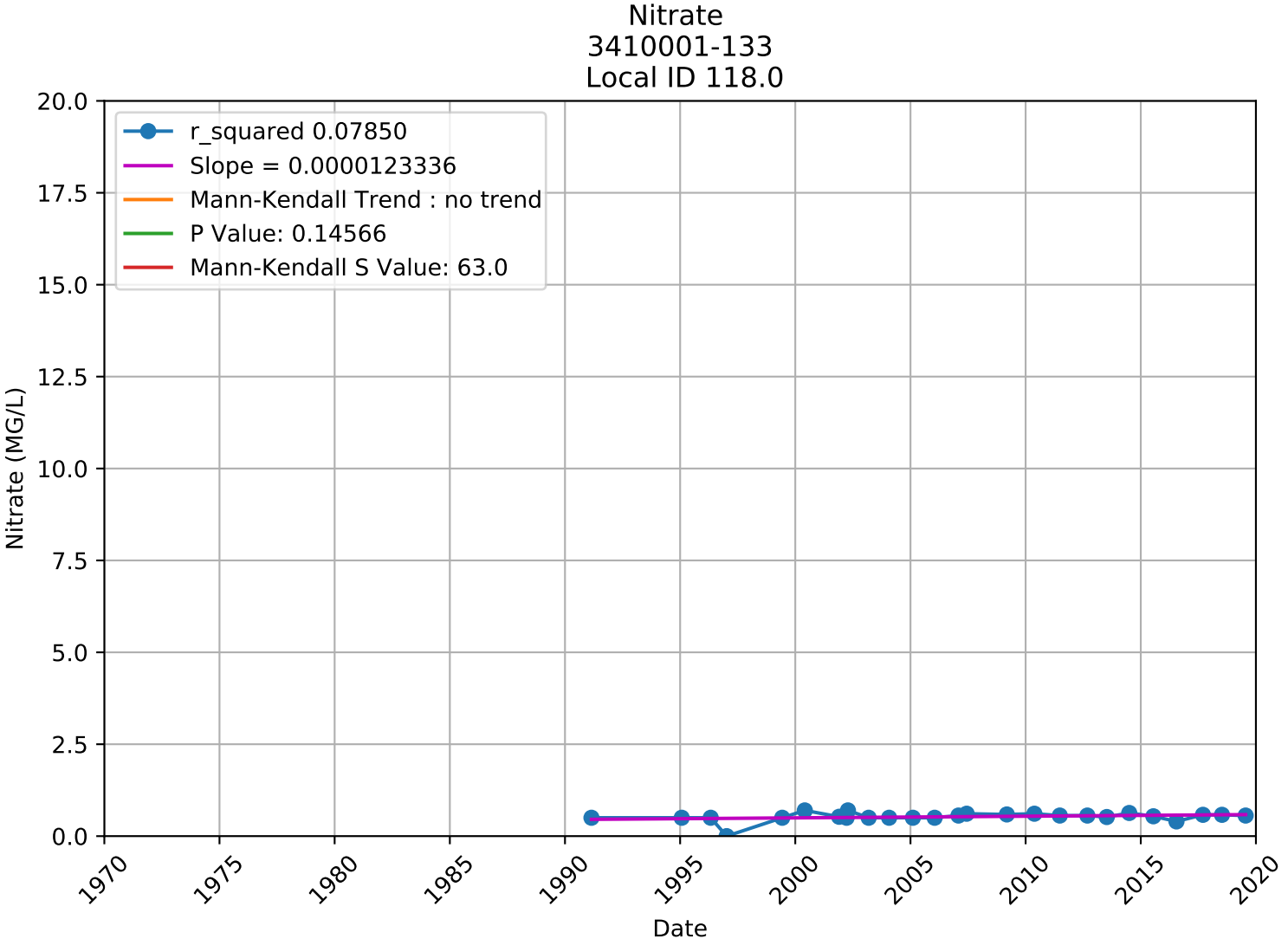

Nitrate
3410001-107
Local ID 85.0
r_squared 0.04430
Slope = -0.0000176064
Mann-Kendall Trend : no trend
P Value: 0.22817
Mann-Kendall S Value: -38.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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2.5
0.0
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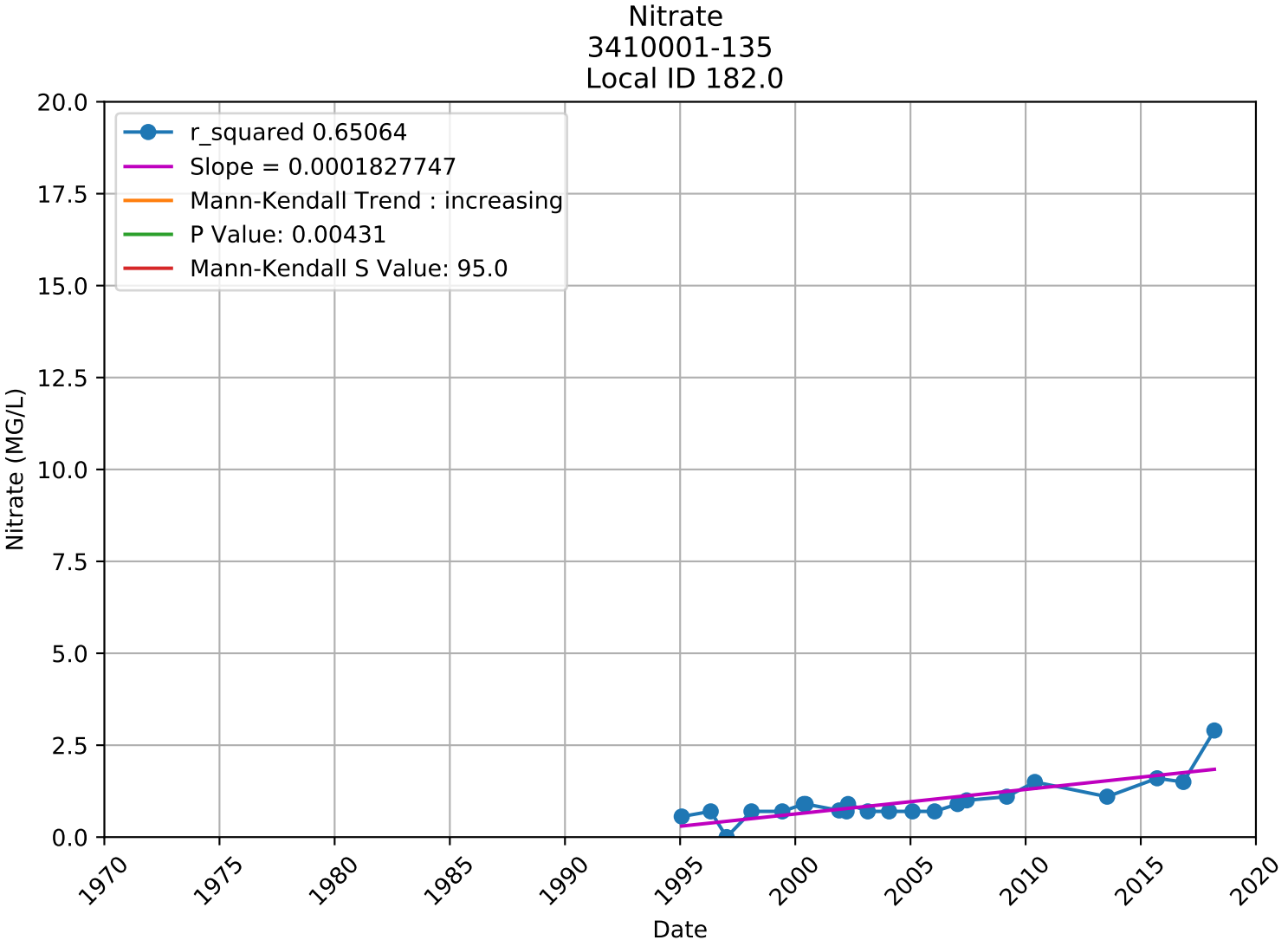

Nitrate
3410001-111
Local ID 127.0
r_squared 0.00226
Slope = 0.0000125493
Mann-Kendall Trend : no trend
P Value: 0.55327
Mann-Kendall S Value: 22.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
1975
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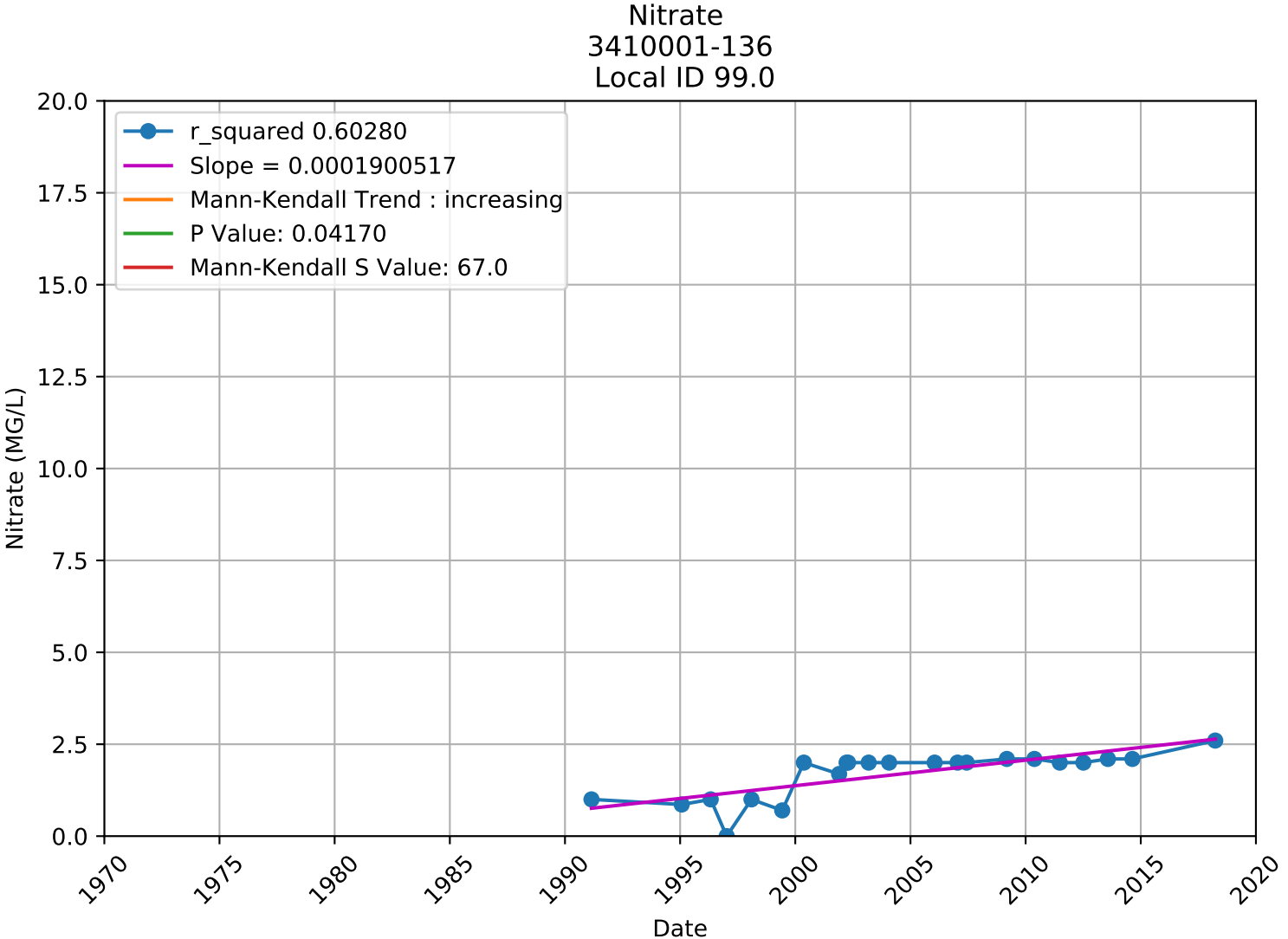

Nitrate
3410001-127
Local ID 254.0
r_squared 0.01992
Slope = 0.0000381451
Mann-Kendall Trend : no trend
P Value: 0.65222
Mann-Kendall S Value: 11.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
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5.0
2.5
0.0
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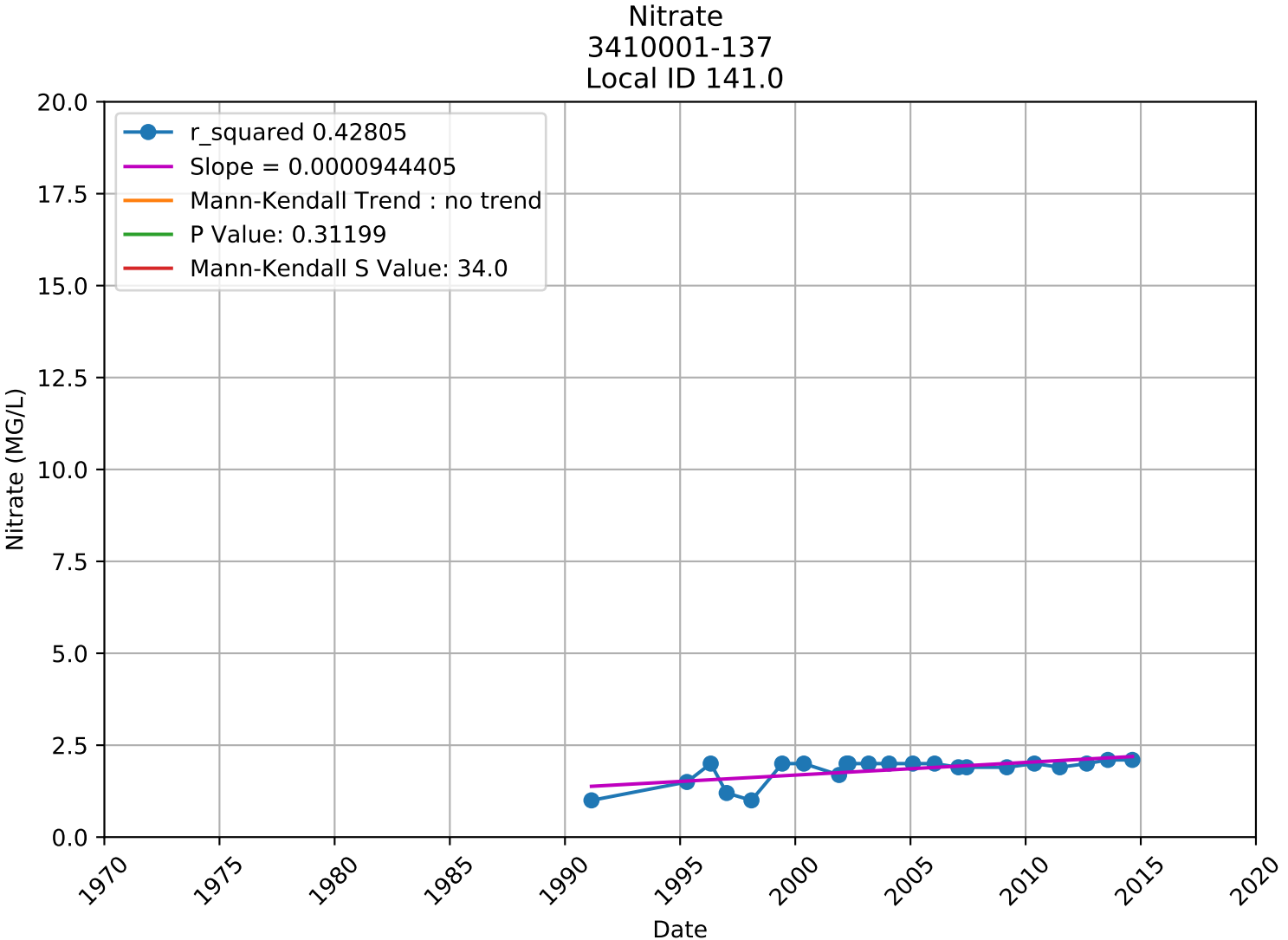

Nitrate
3410001-128
Local ID 283.0
r_squared 0.15061
Slope = 0.0001272660
Mann-Kendall Trend : no trend
P Value: 0.44067
Mann-Kendall S Value: 15.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
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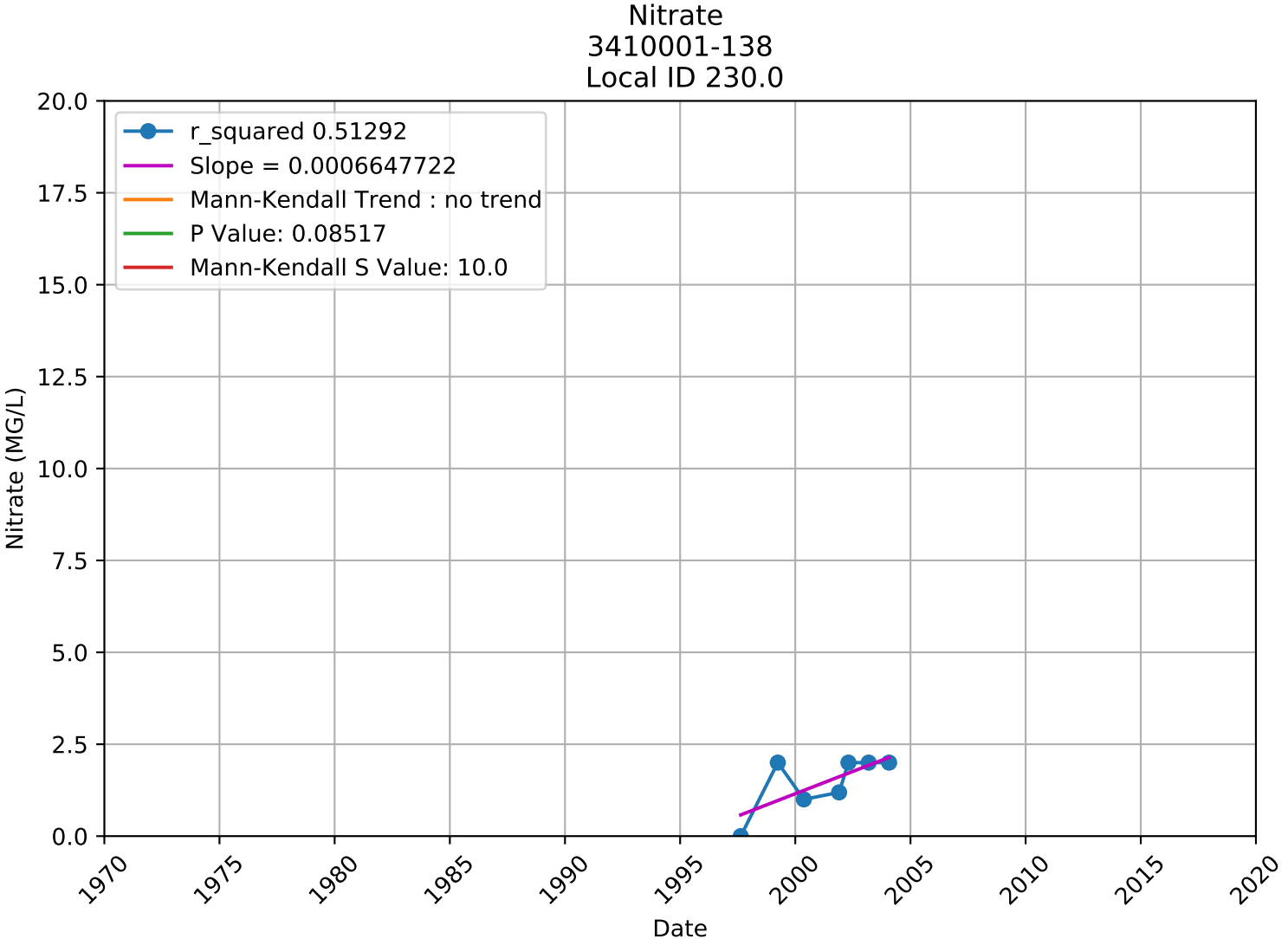

Nitrate
3410001-129
Local ID 149.0
r_squared 0.36343
Slope = 0.0001482882
Mann-Kendall Trend : increasing
P Value: 0.01007
Mann-Kendall S Value: 74.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
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1975
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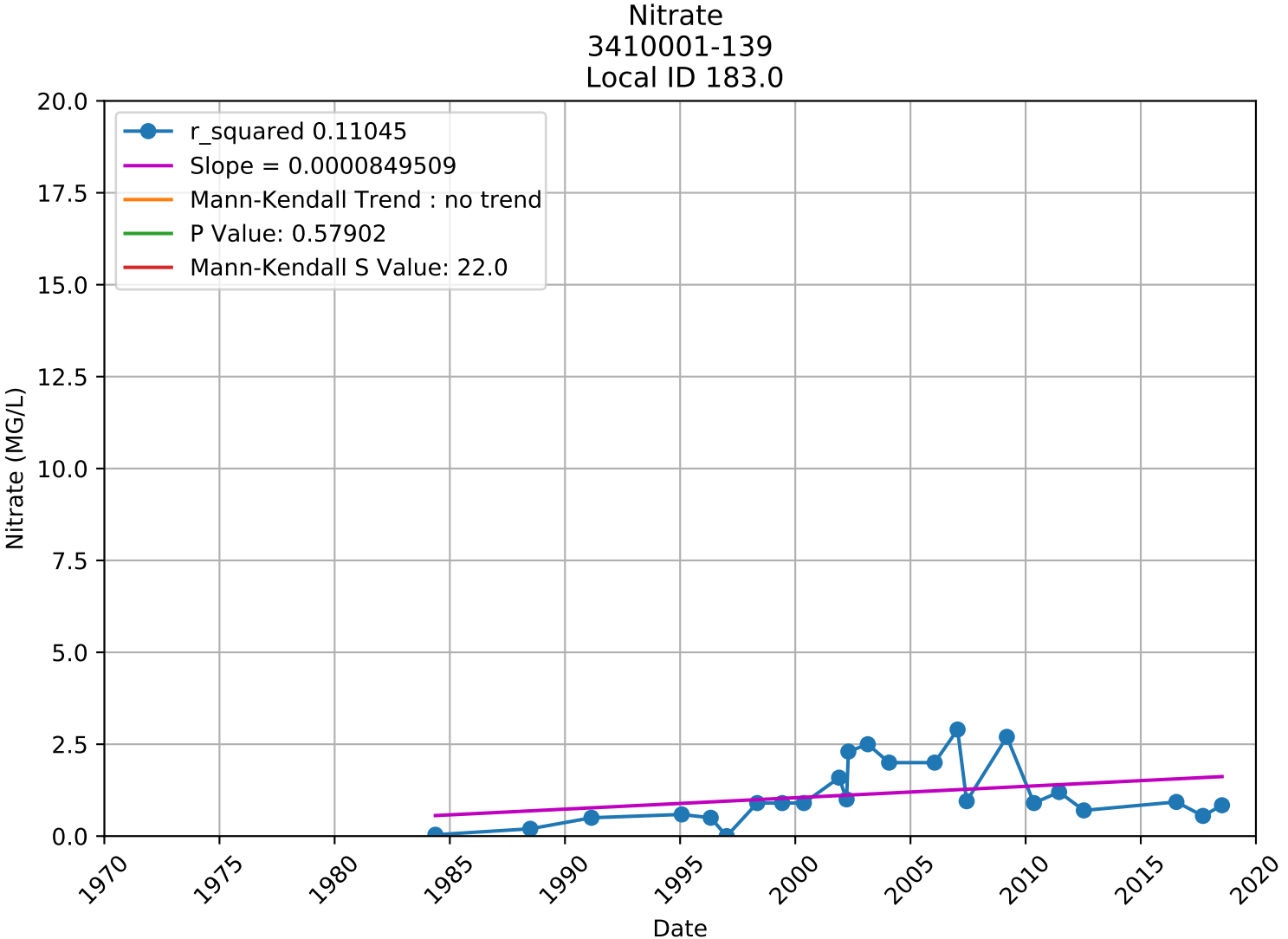

Nitrate
3410001-133
Local ID 118.0
r_squared 0.07850
Slope = 0.0000123336
Mann-Kendall Trend : no trend
P Value: 0.14566
Mann-Kendall S Value: 63.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
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5.0
2.5
0.0
1970
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2010
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2020

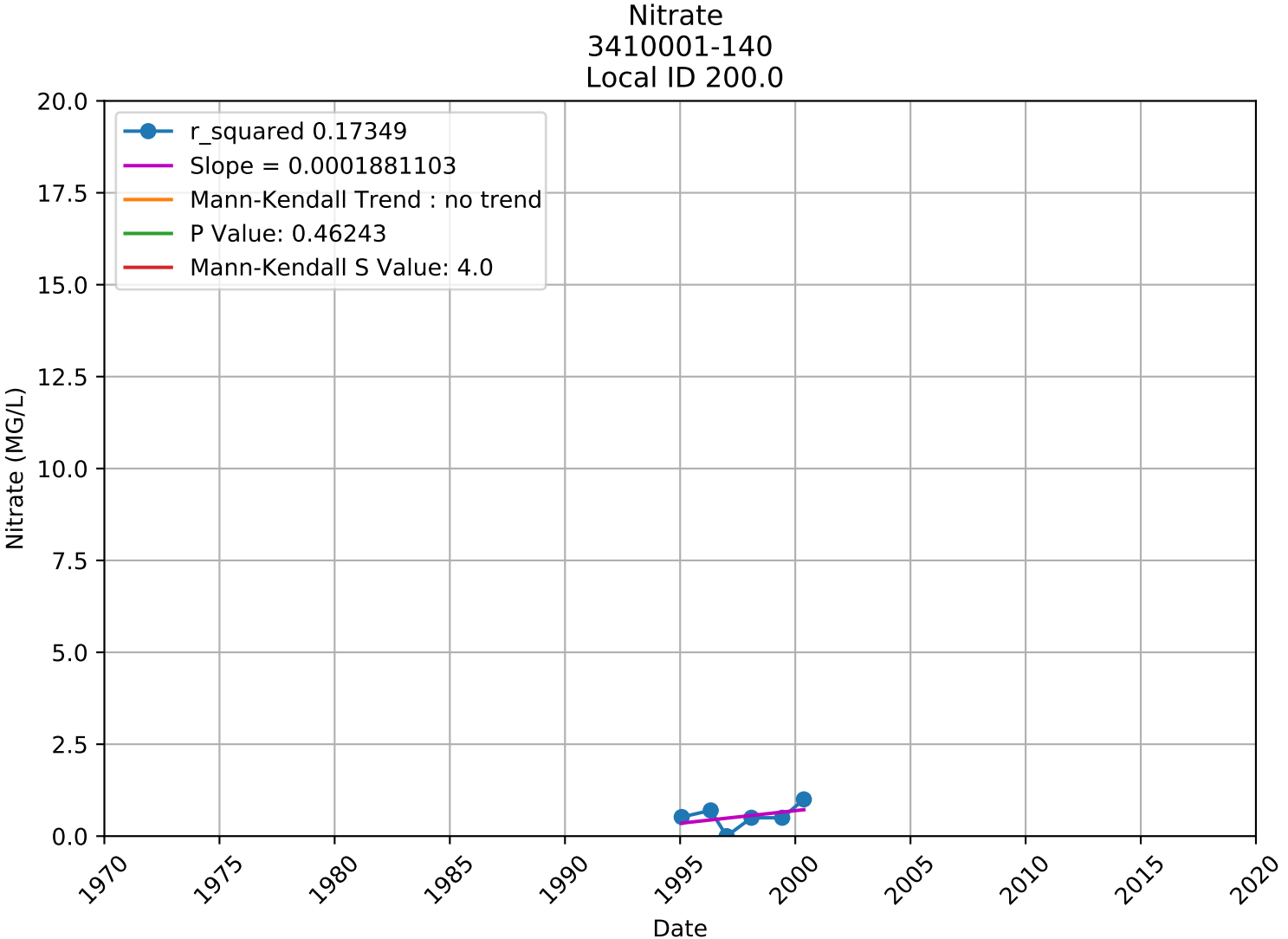

Nitrate
3410001-135
Local ID 182.0
r_squared 0.65064
Slope = 0.0001827747
Mann-Kendall Trend : increasing
P Value: 0.00431
Mann-Kendall S Value: 95.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
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2015
2020

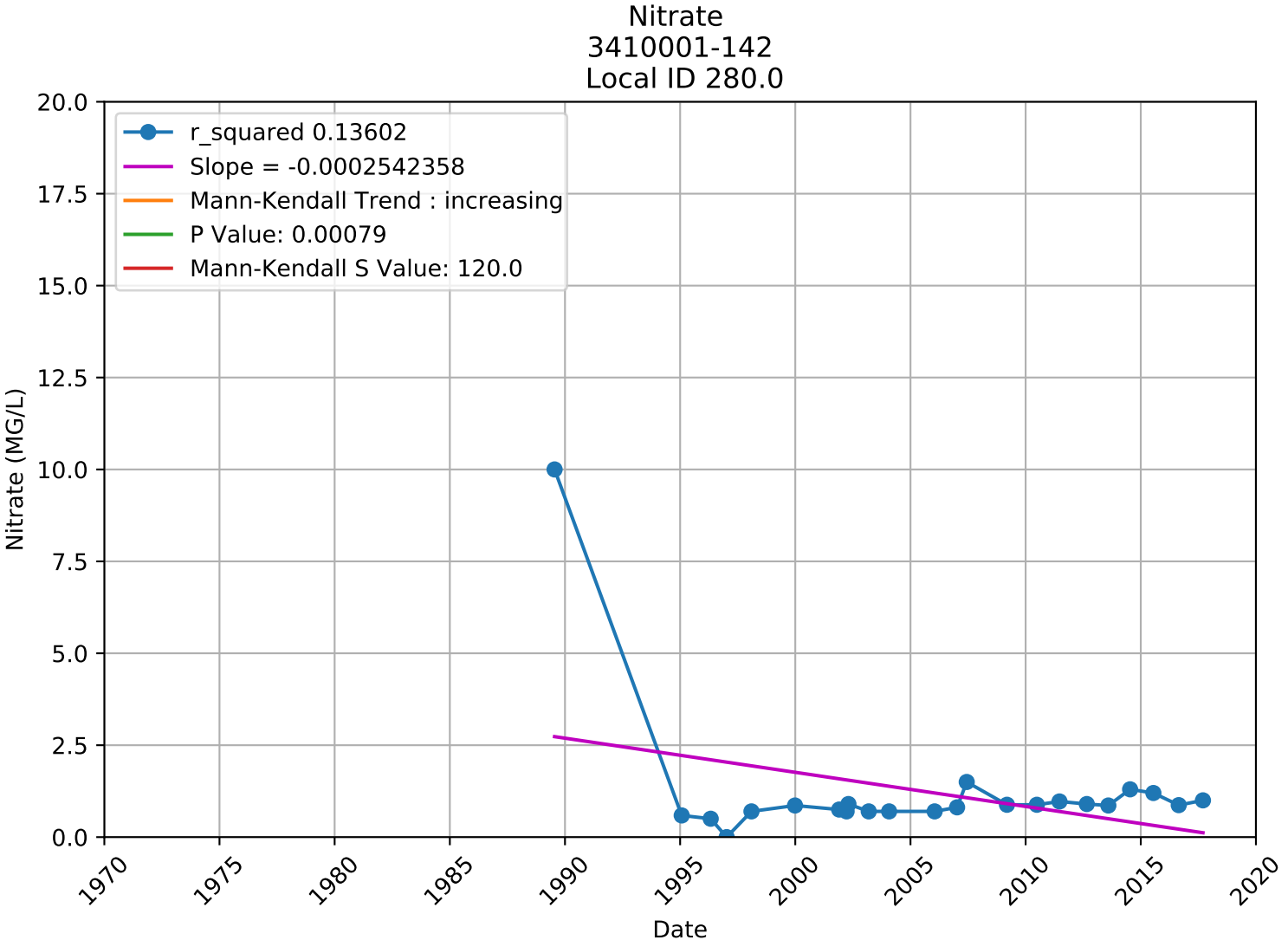

Nitrate
3410001-136
Local ID 99.0
r_squared 0.60280
Slope = 0.0001900517
Mann-Kendall Trend : increasing
P Value: 0.04170
Mann-Kendall S Value: 67.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
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1970
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2015
2020

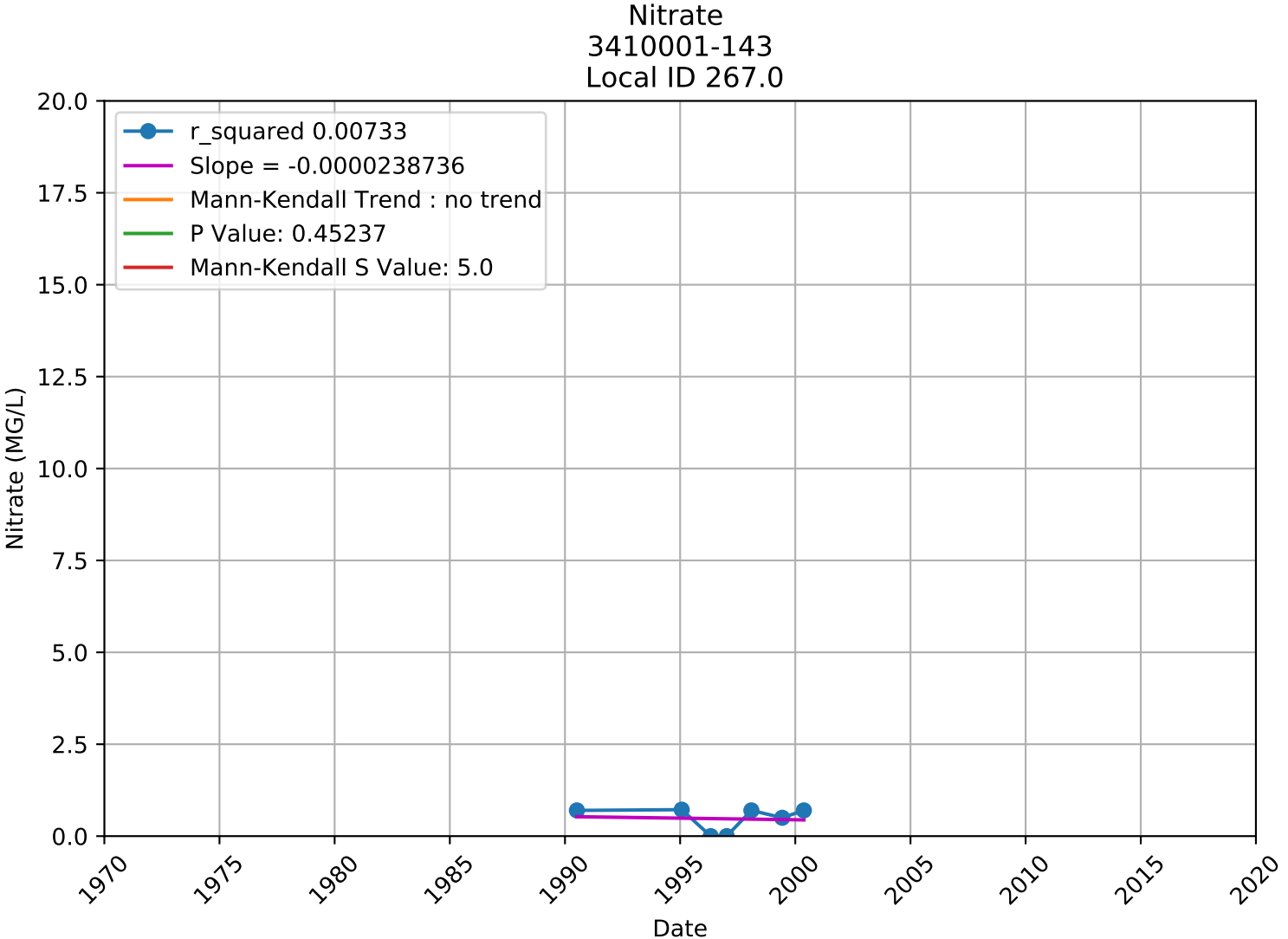

Nitrate
3410001-137
Local ID 141.0
r_squared 0.42805
Slope = 0.0000944405
Mann-Kendall Trend : no trend
P Value: 0.31199
Mann-Kendall S Value: 34.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
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1970
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2015
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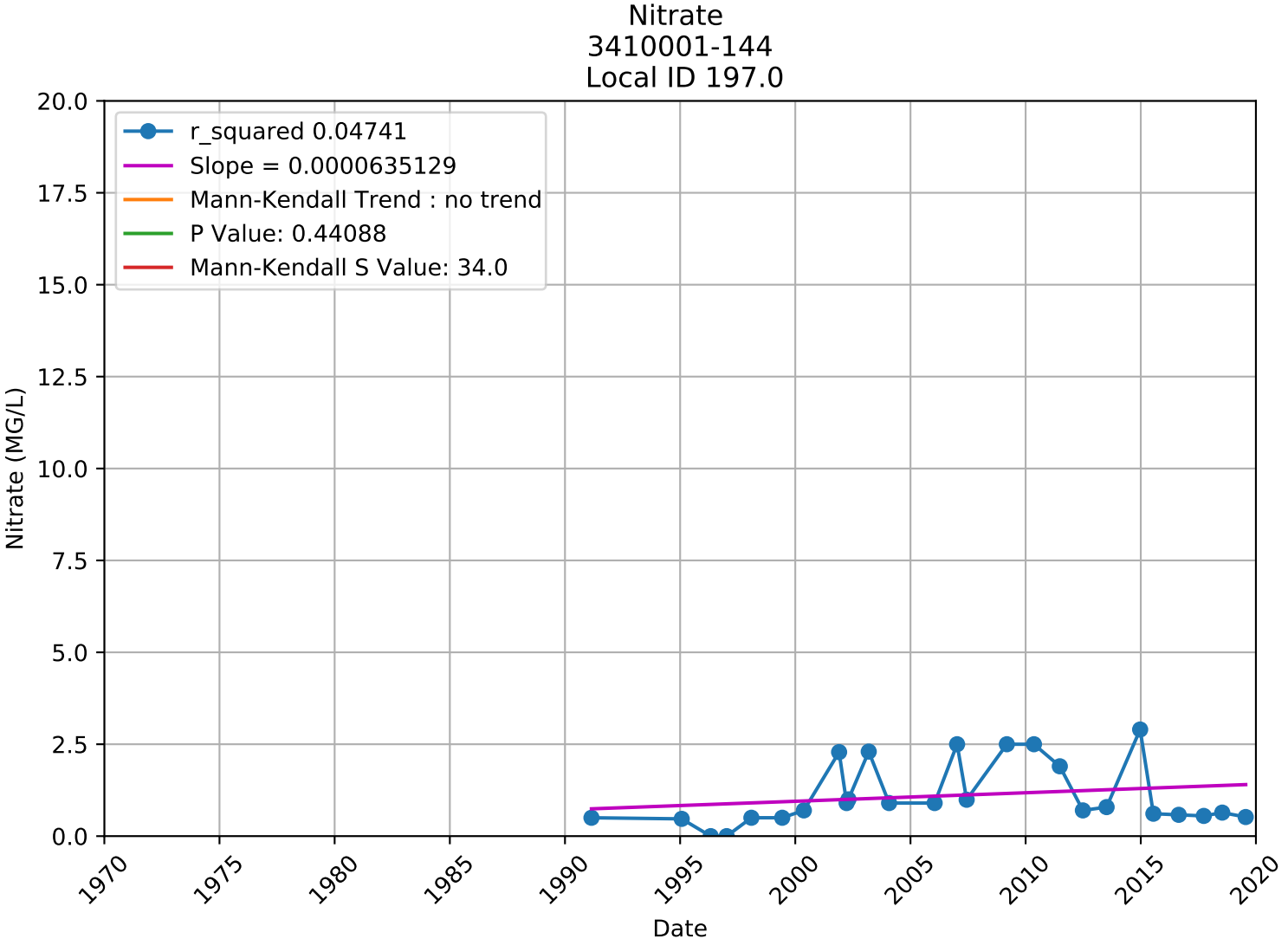

Nitrate
3410001-138
Local ID 230.0
r_squared 0.51292
Slope = 0.0006647722
Mann-Kendall Trend : no trend
P Value: 0.08517
Mann-Kendall S Value: 10.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
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2015
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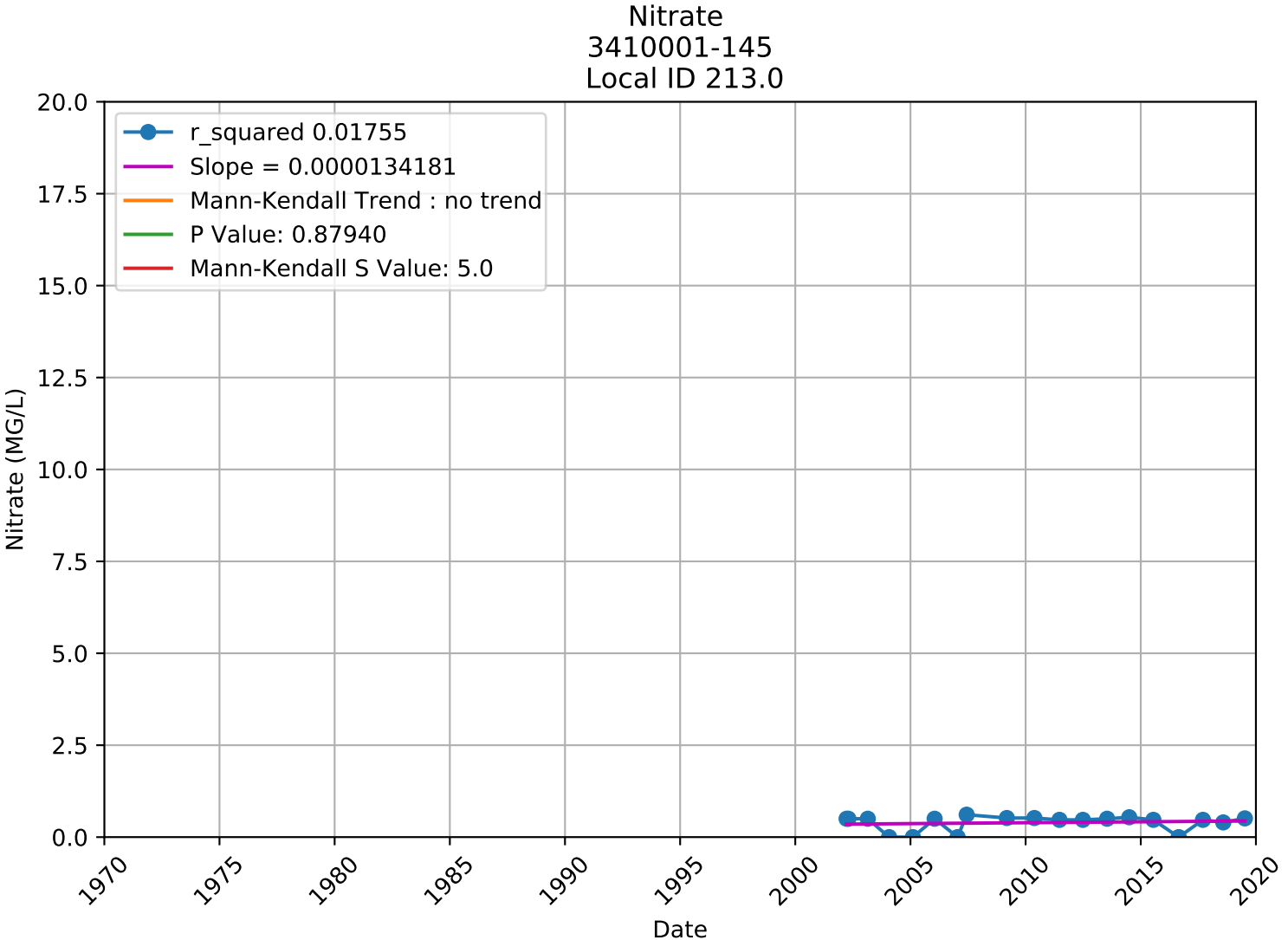

Nitrate
3410001-139
Local ID 183.0
r_squared 0.11045
Slope = 0.0000849509
Mann-Kendall Trend : no trend
P Value: 0.57902
Mann-Kendall S Value: 22.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
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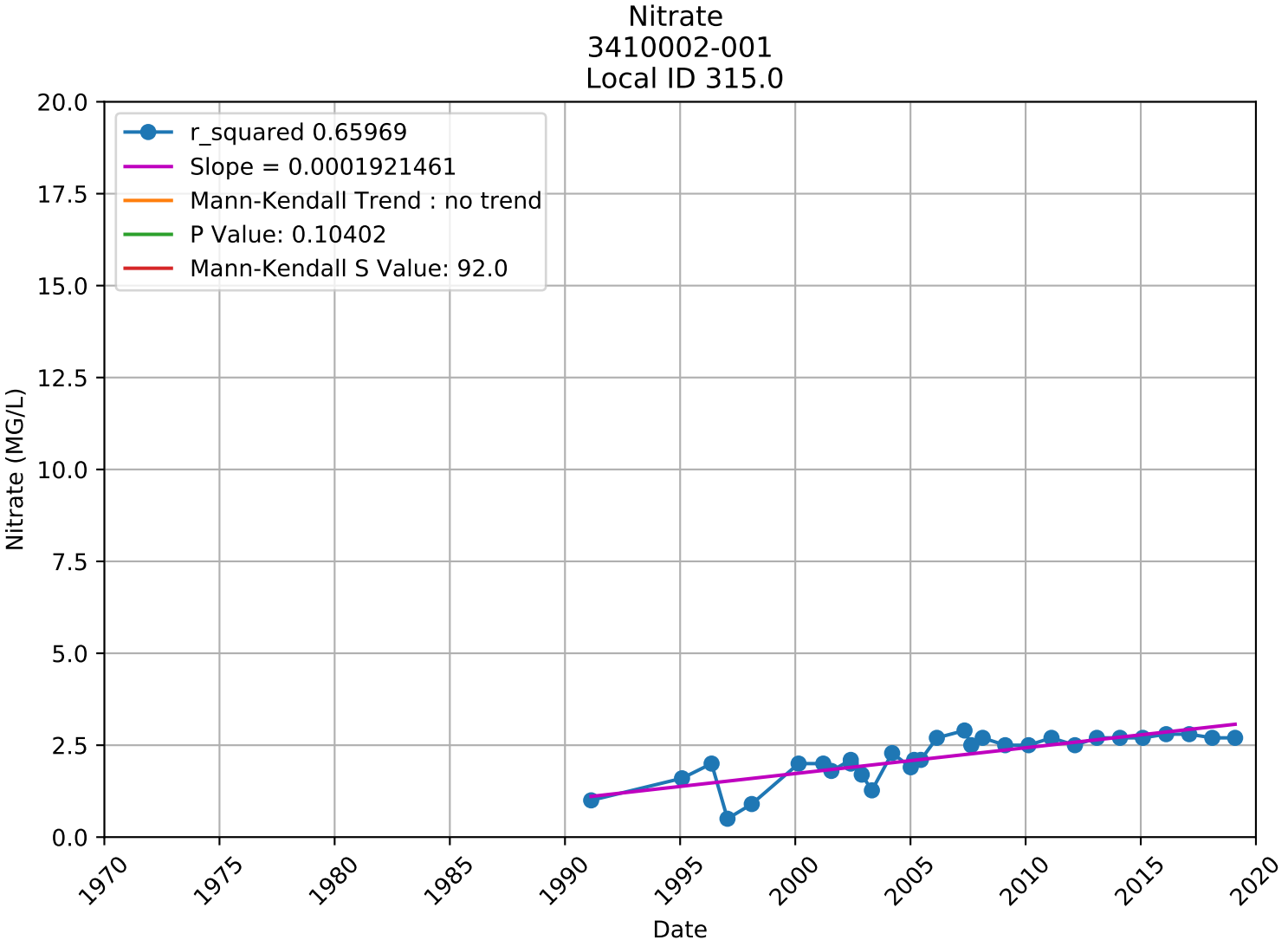

Nitrate
3410001-140
Local ID 200.0
r_squared 0.17349
Slope = 0.0001881103
Mann-Kendall Trend : no trend
P Value: 0.46243
Mann-Kendall S Value: 4.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
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5.0
2.5
0.0
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2015
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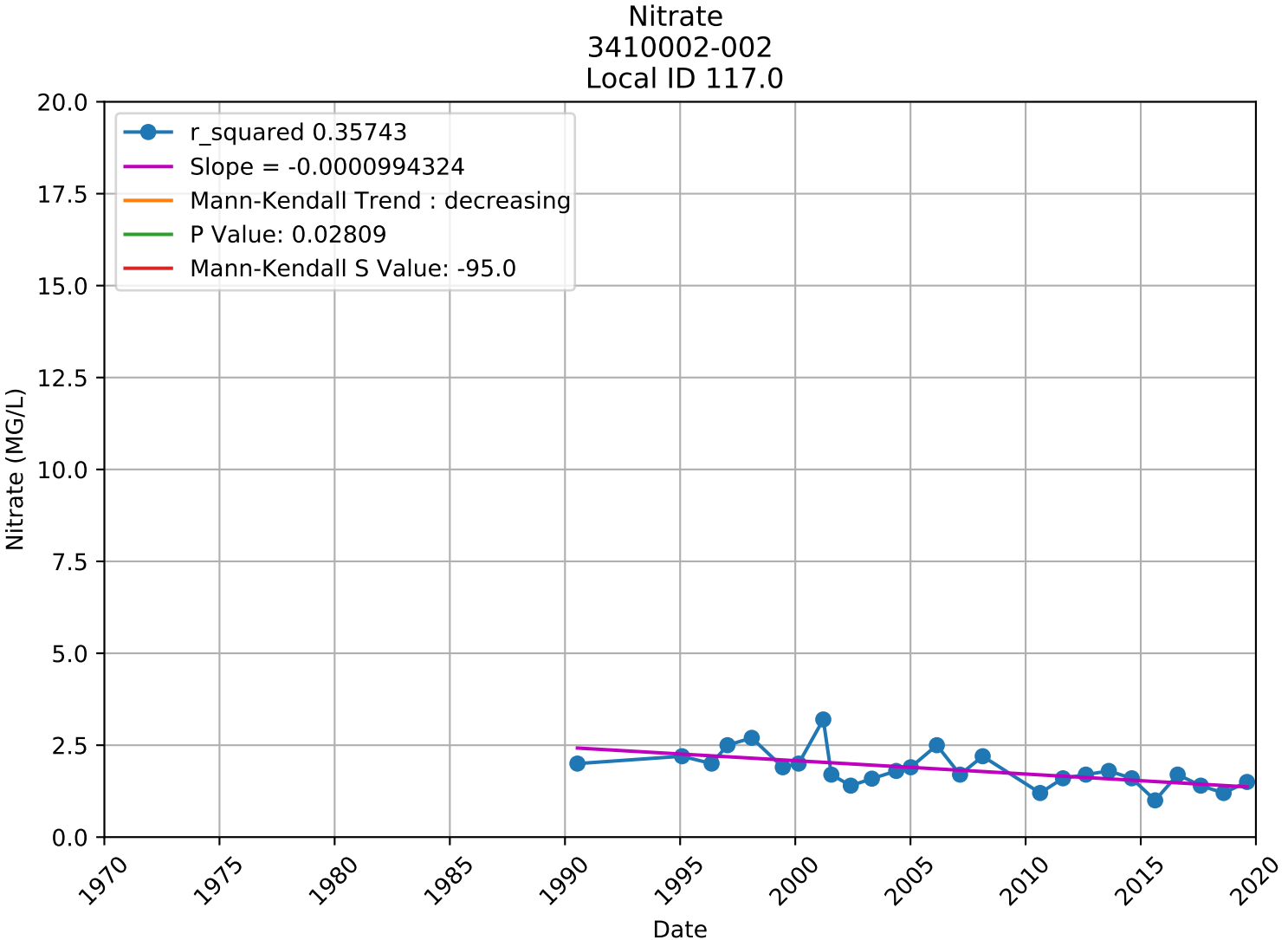

Nitrate
3410001-142
Local ID 280.0
r_squared 0.13602
Slope = -0.0002542358
Mann-Kendall Trend : increasing
P Value: 0.00079
Mann-Kendall S Value: 120.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
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5.0
2.5
0.0
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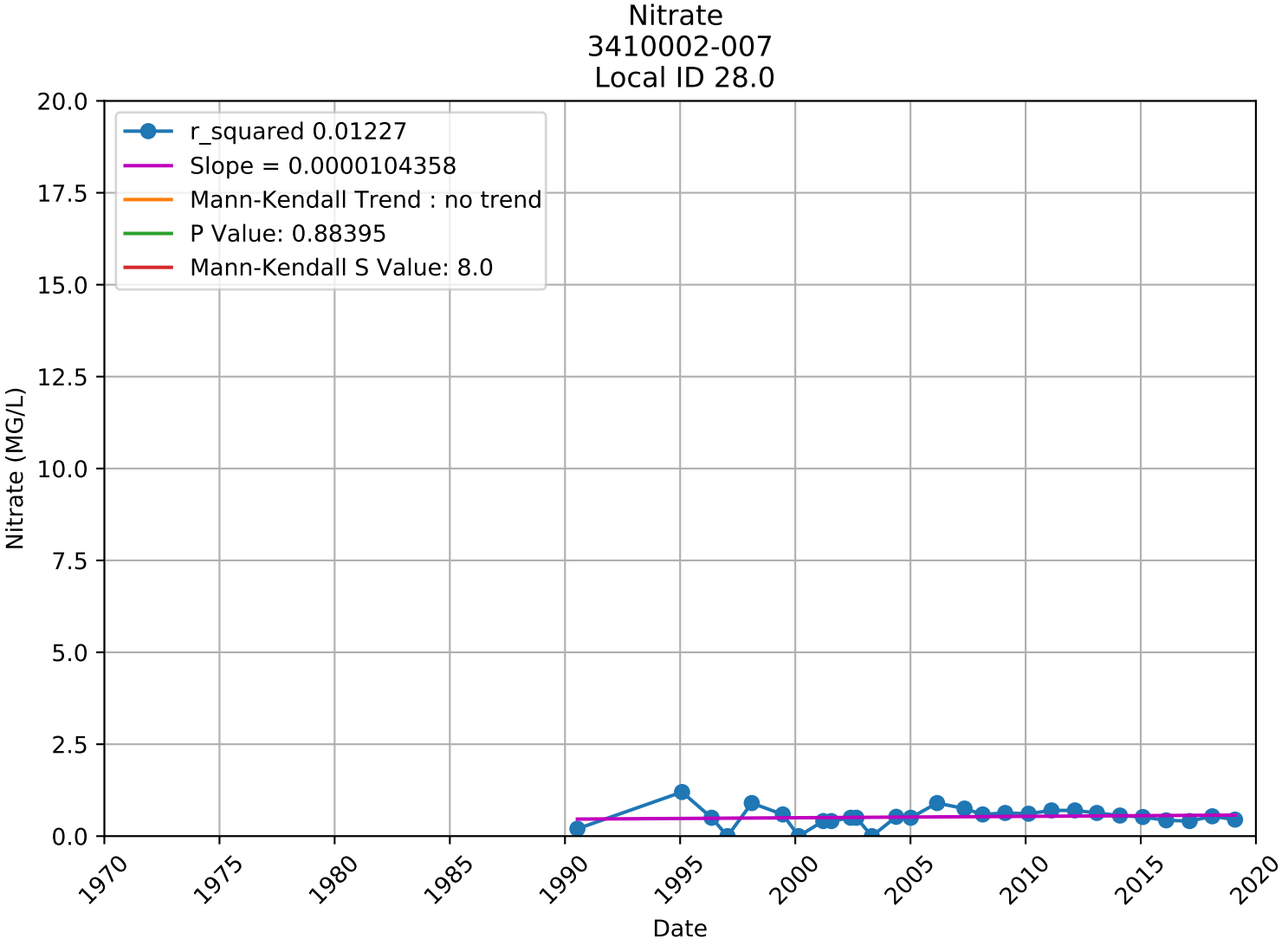

Nitrate
3410001-143
Local ID 267.0
r_squared 0.00733
Slope = -0.0000238736
Mann-Kendall Trend : no trend
P Value: 0.45237
Mann-Kendall S Value: 5.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
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5.0
2.5
0.0
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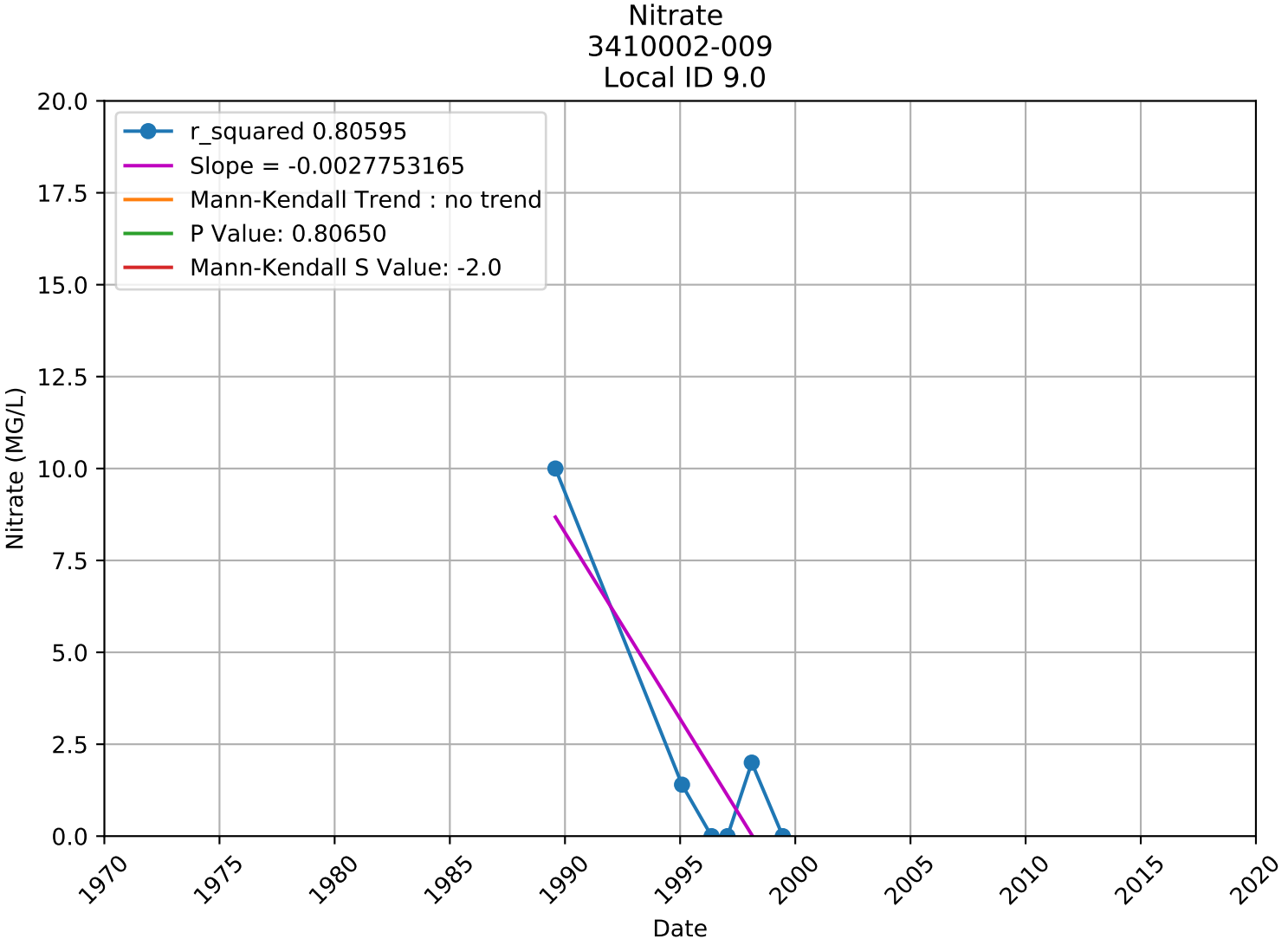

Nitrate
3410001-144
Local ID 197.0
r_squared 0.04741
Slope = 0.0000635129
Mann-Kendall Trend : no trend
P Value: 0.44088
Mann-Kendall S Value: 34.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
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5.0
2.5
0.0
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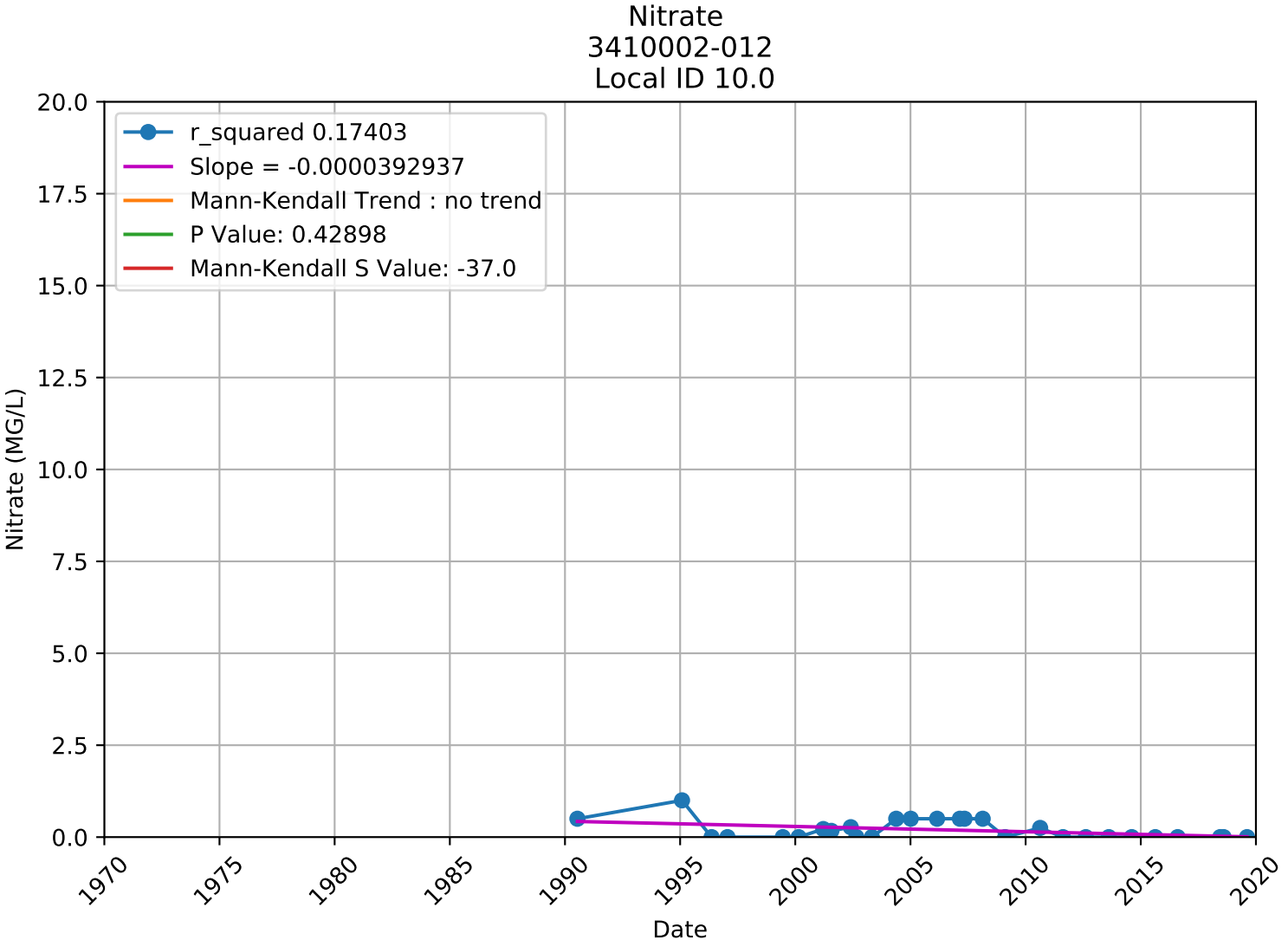

Nitrate
3410001-145
Local ID 213.0
r_squared 0.01755
Slope = 0.0000134181
Mann-Kendall Trend : no trend
P Value: 0.87940
Mann-Kendall S Value: 5.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
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5.0
2.5
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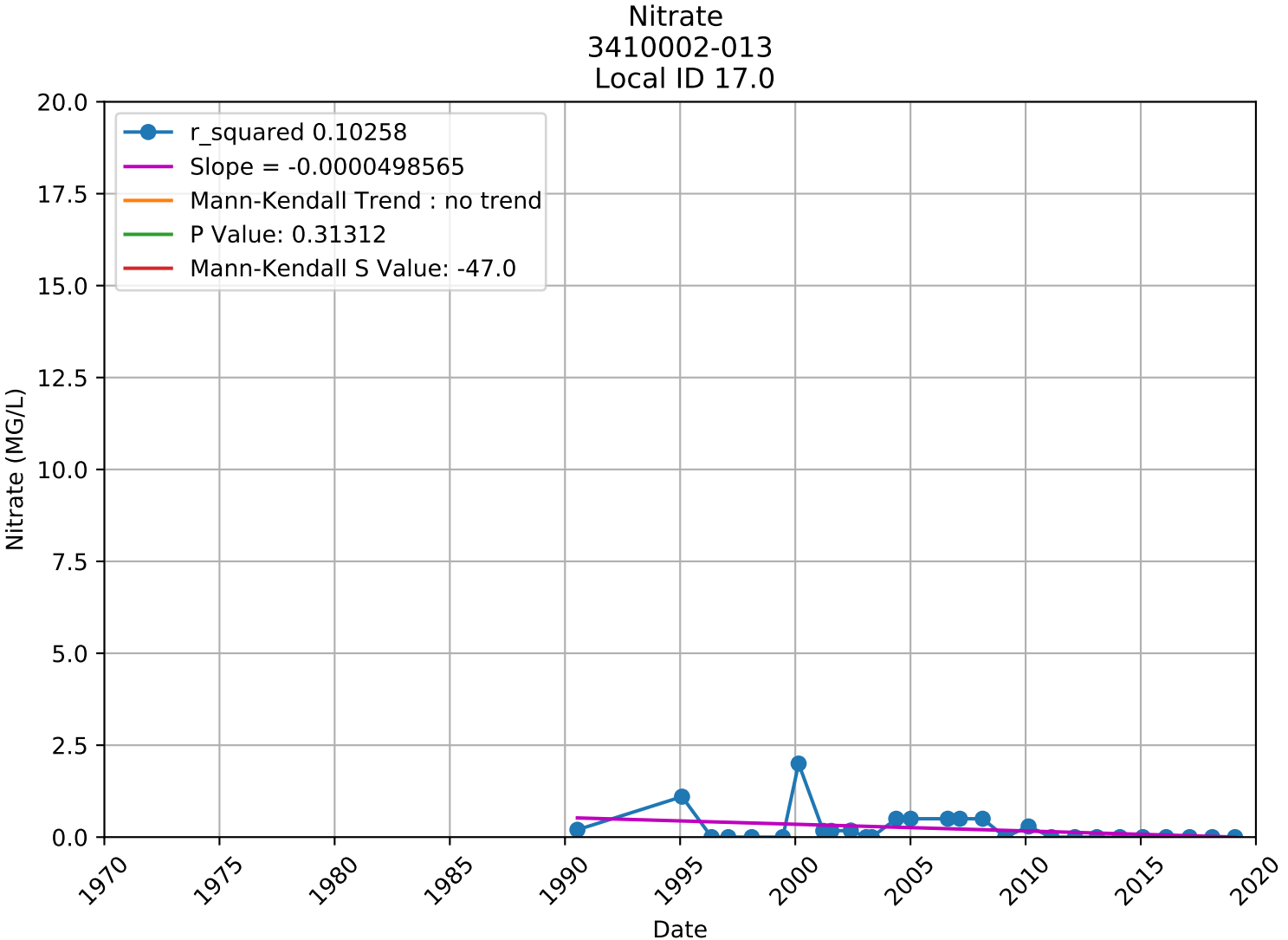

Nitrate
3410002-001
Local ID 315.0
r_squared 0.65969
Slope = 0.0001921461
Mann-Kendall Trend : no trend
P Value: 0.10402
Mann-Kendall S Value: 92.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
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5.0
2.5
0.0
1970
1975
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2015
2020

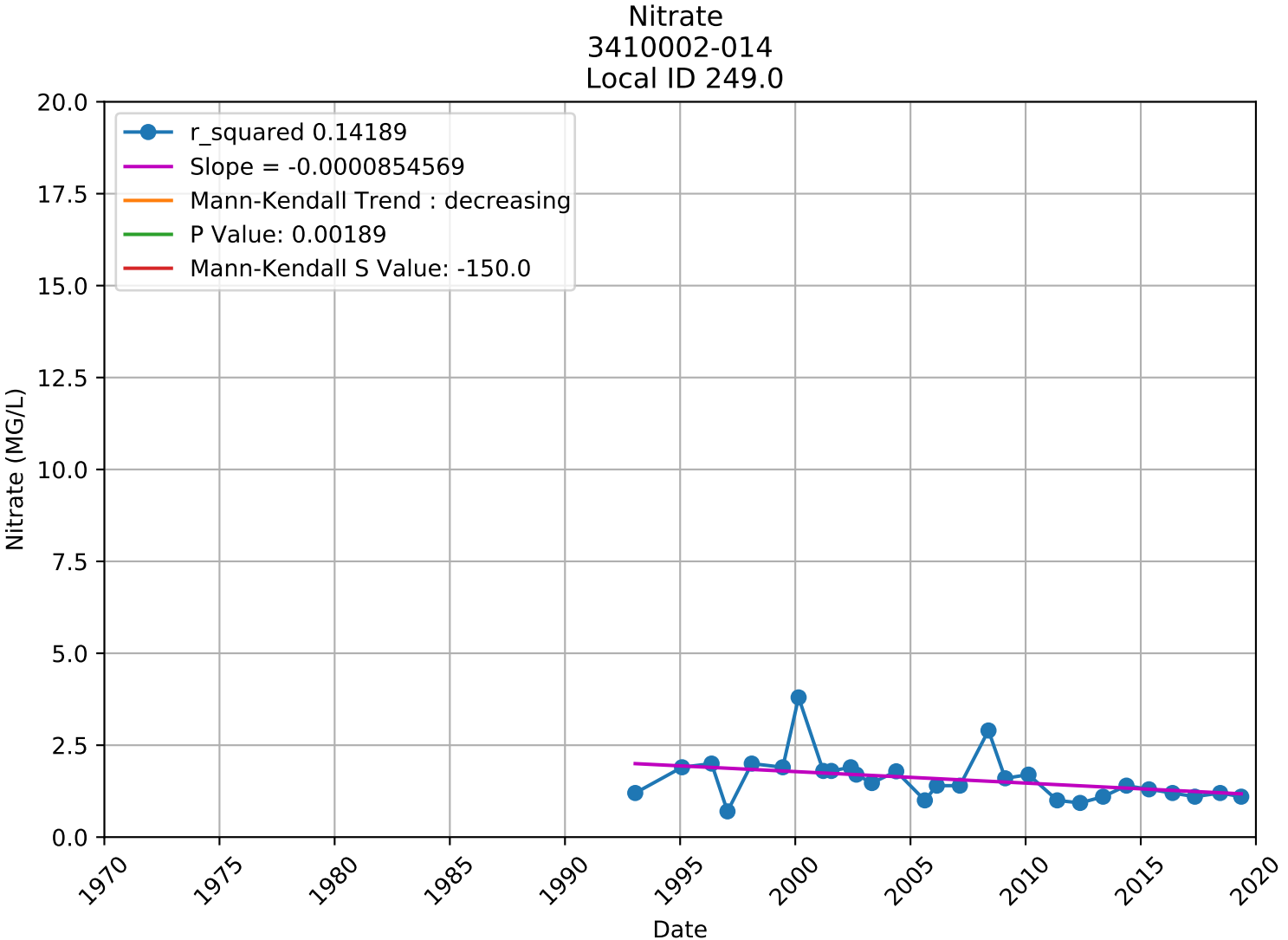

Nitrate
3410002-002
Local ID 117.0
r_squared 0.35743
Slope = -0.0000994324
Mann-Kendall Trend : decreasing
P Value: 0.02809
Mann-Kendall S Value: -95.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
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2020

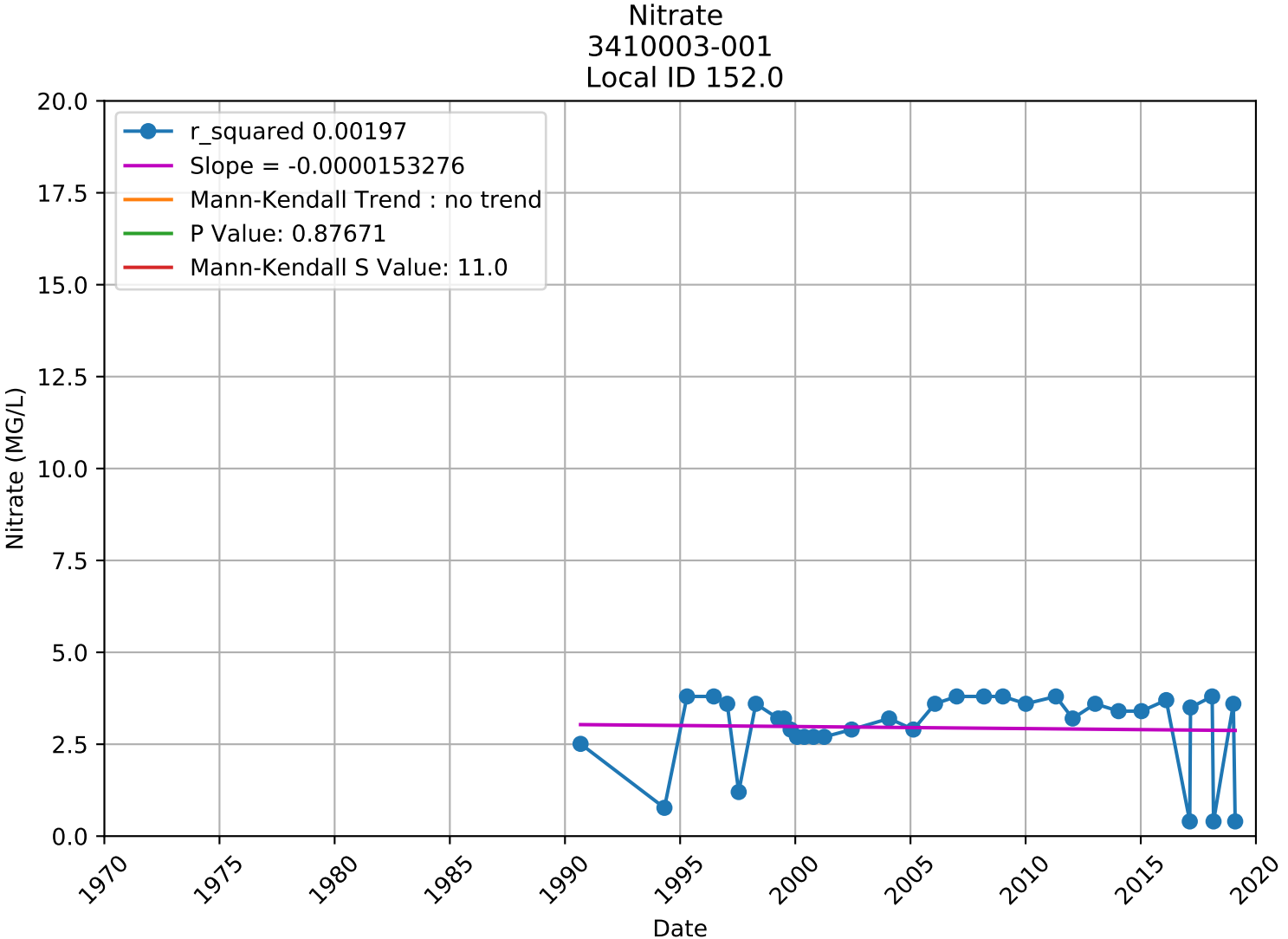

Nitrate
3410002-007
Local ID 28.0
r_squared 0.01227
Slope = 0.0000104358
Mann-Kendall Trend : no trend
P Value: 0.88395
Mann-Kendall S Value: 8.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
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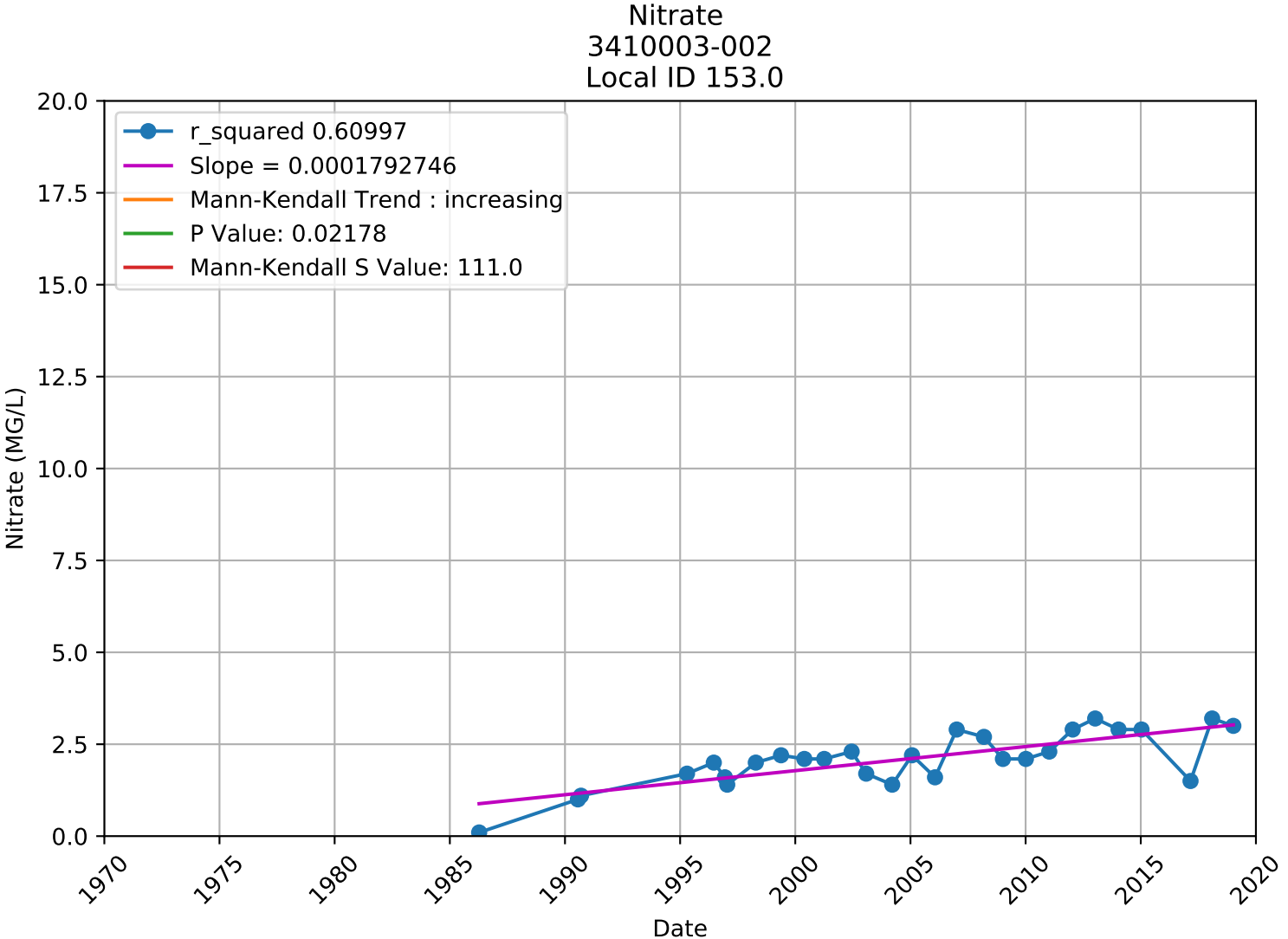

Nitrate
3410002-009
Local ID 9.0
r_squared 0.80595
Slope = -0.0027753165
Mann-Kendall Trend : no trend
P Value: 0.80650
Mann-Kendall S Value: -2.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
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2015
2020

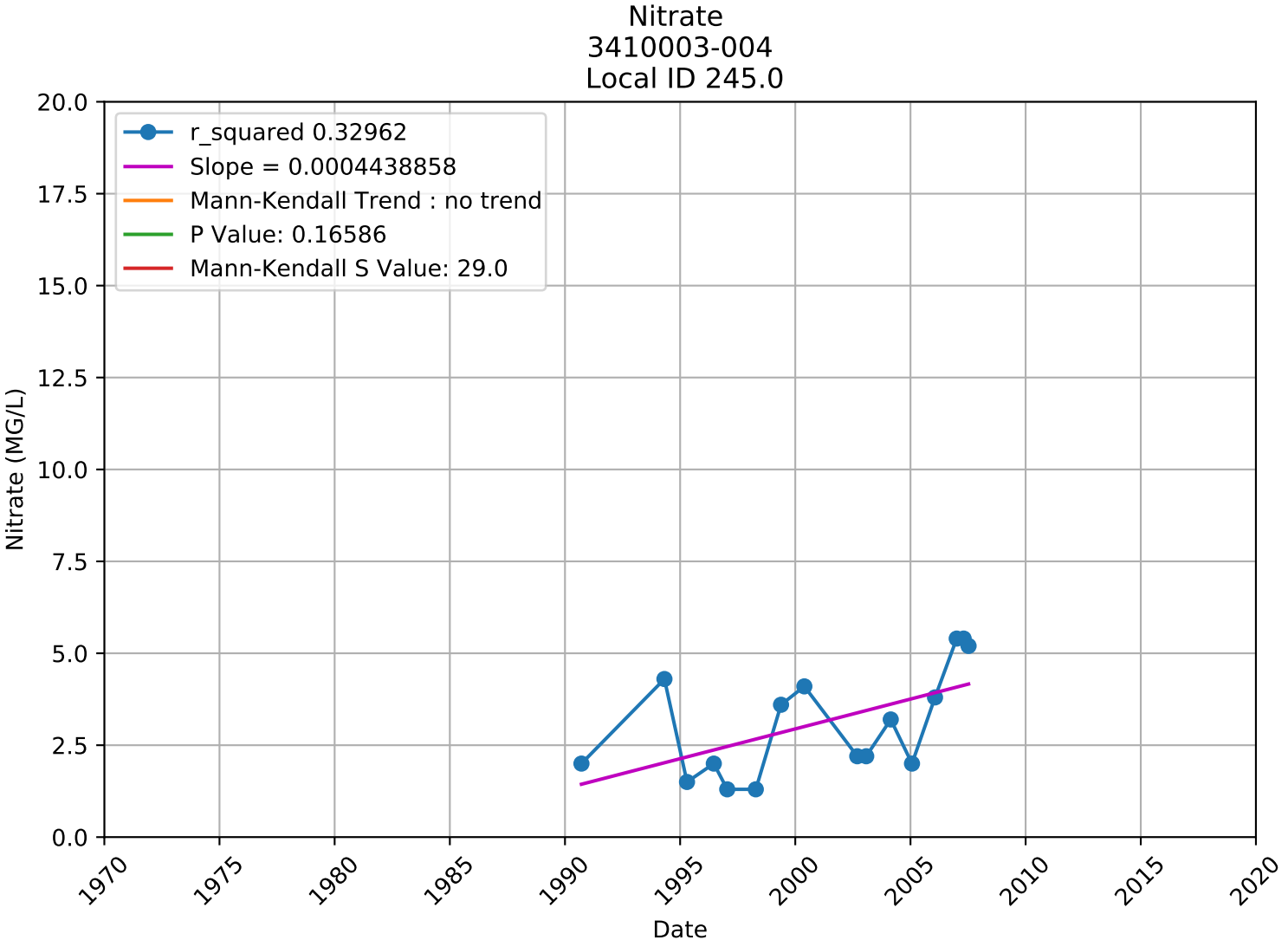

Nitrate
3410002-012
Local ID 10.0
r_squared 0.17403
Slope = -0.0000392937
Mann-Kendall Trend : no trend
P Value: 0.42898
Mann-Kendall S Value: -37.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
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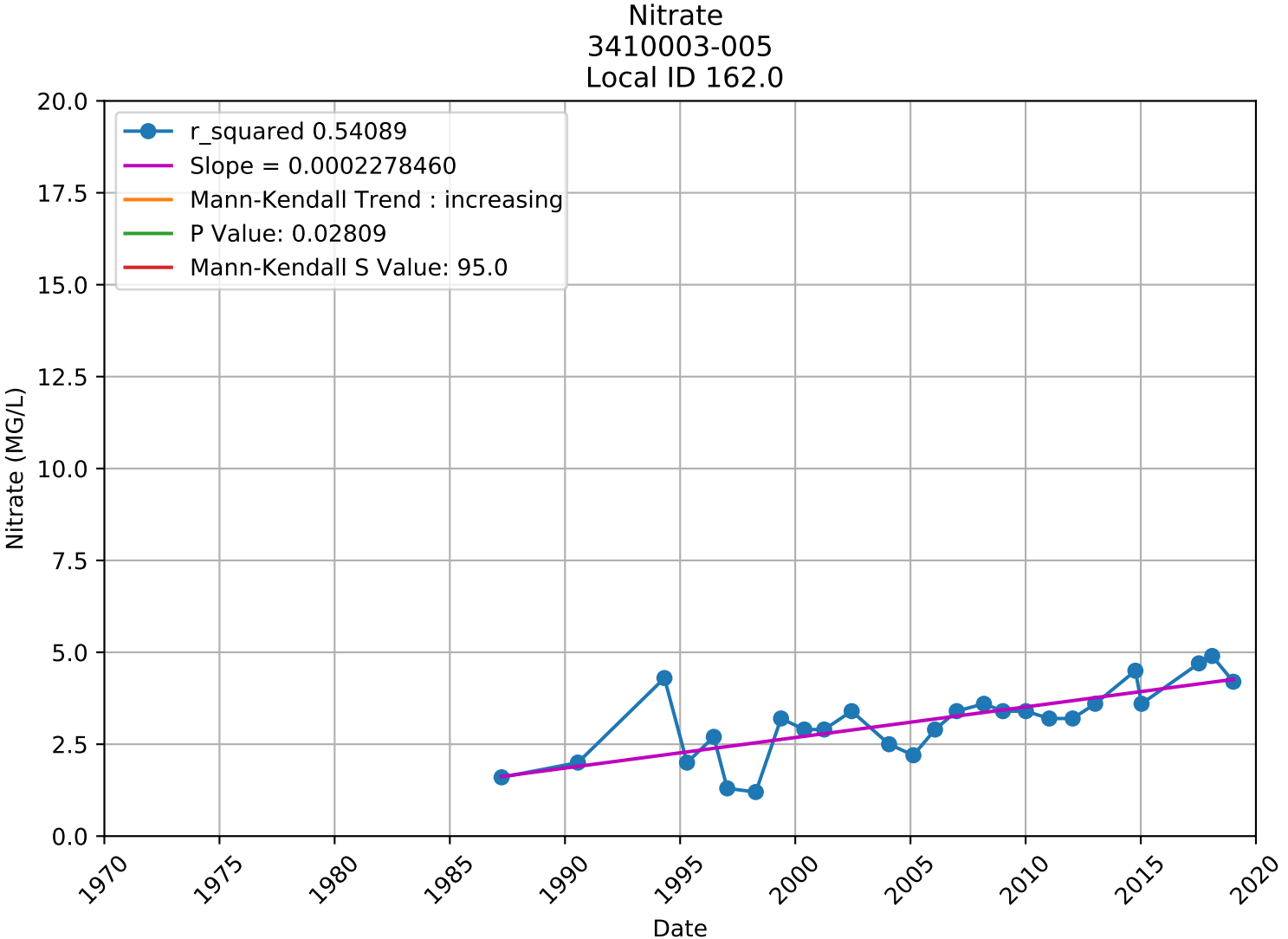

Nitrate
3410002-013
Local ID 17.0
r_squared 0.10258
Slope = -0.0000498565
Mann-Kendall Trend : no trend
P Value: 0.31312
Mann-Kendall S Value: -47.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
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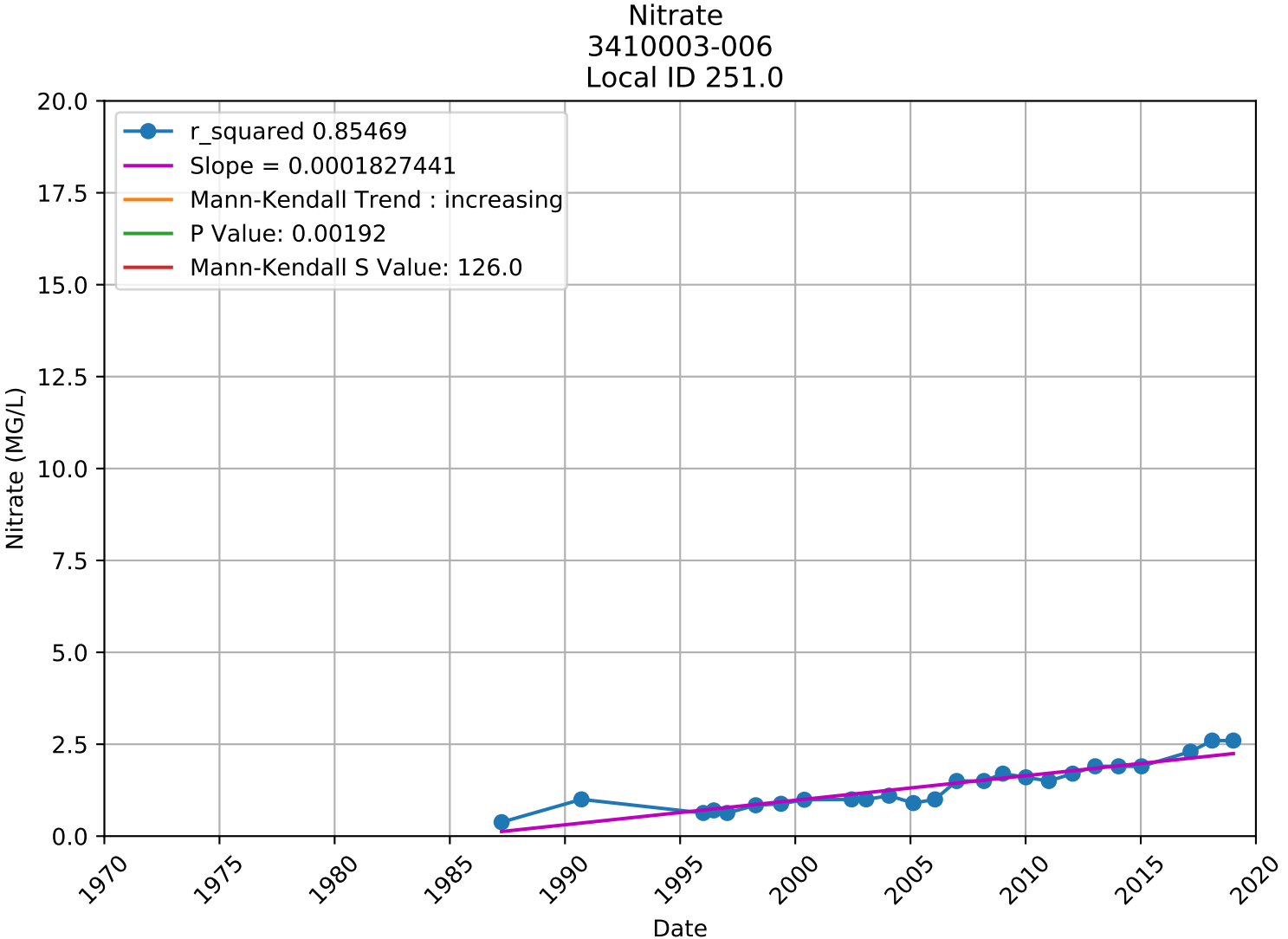

Nitrate
3410002-014
Local ID 249.0
r_squared 0.14189
Slope = -0.0000854569
Mann-Kendall Trend : decreasing
P Value: 0.00189
Mann-Kendall S Value: -150.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
1975
1980
1985
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2015
2020

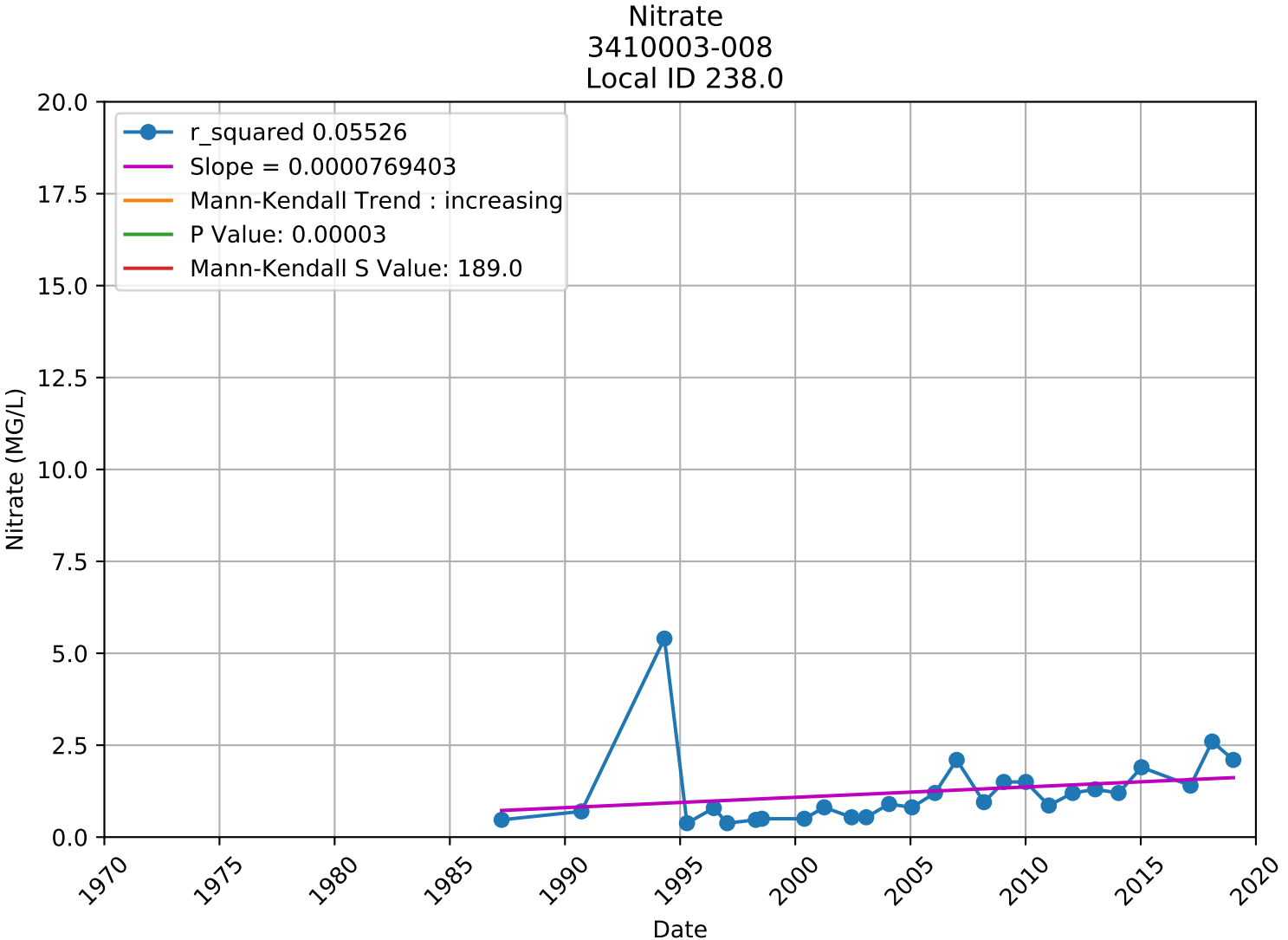

Nitrate
3410003-001
Local ID 152.0
r_squared 0.00197
Slope = -0.0000153276
Mann-Kendall Trend : no trend
P Value: 0.87671
Mann-Kendall S Value: 11.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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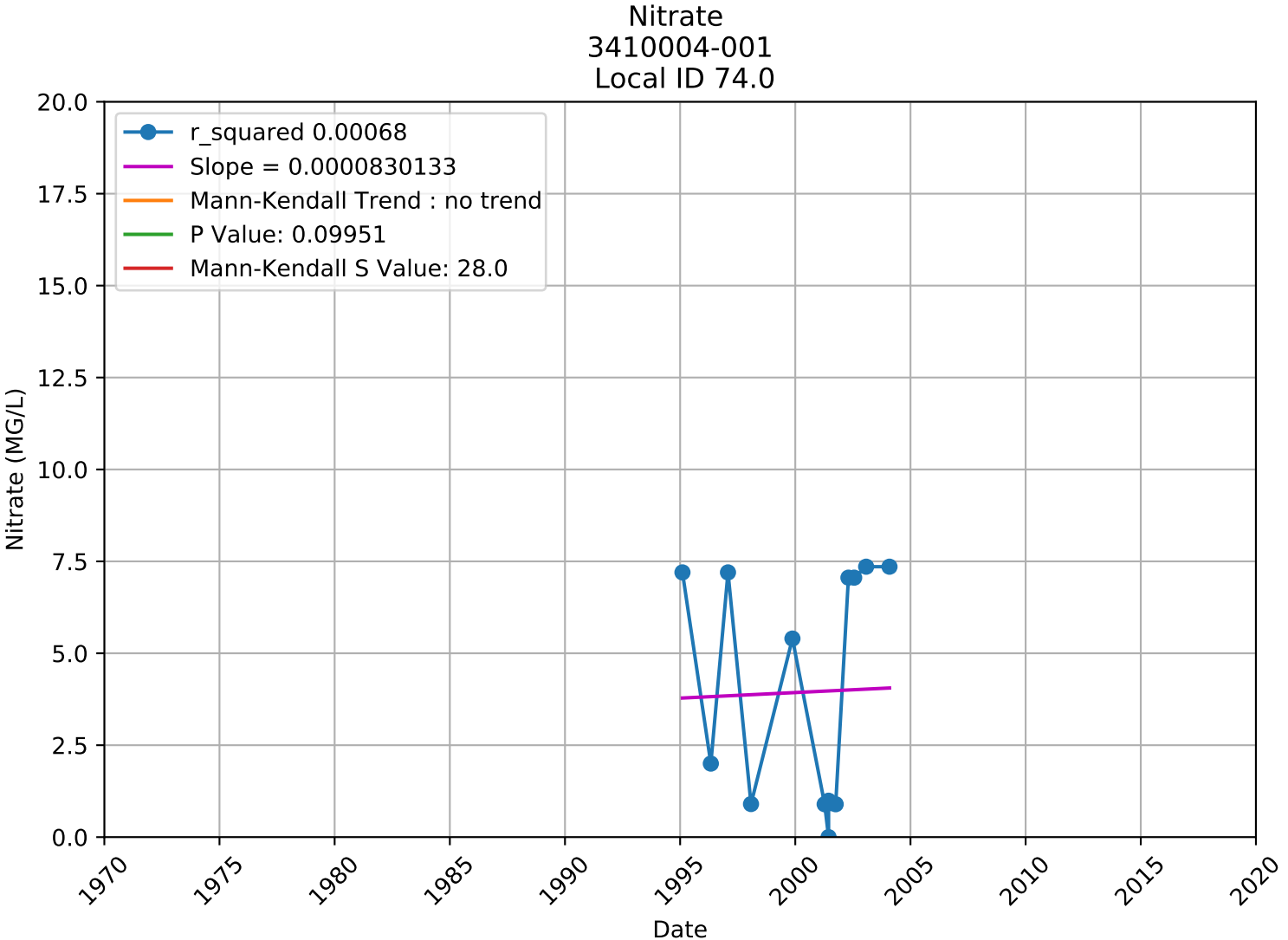

Nitrate
3410003-002
Local ID 153.0
r_squared 0.60997
Slope = 0.0001792746
Mann-Kendall Trend : increasing
P Value: 0.02178
Mann-Kendall S Value: 111.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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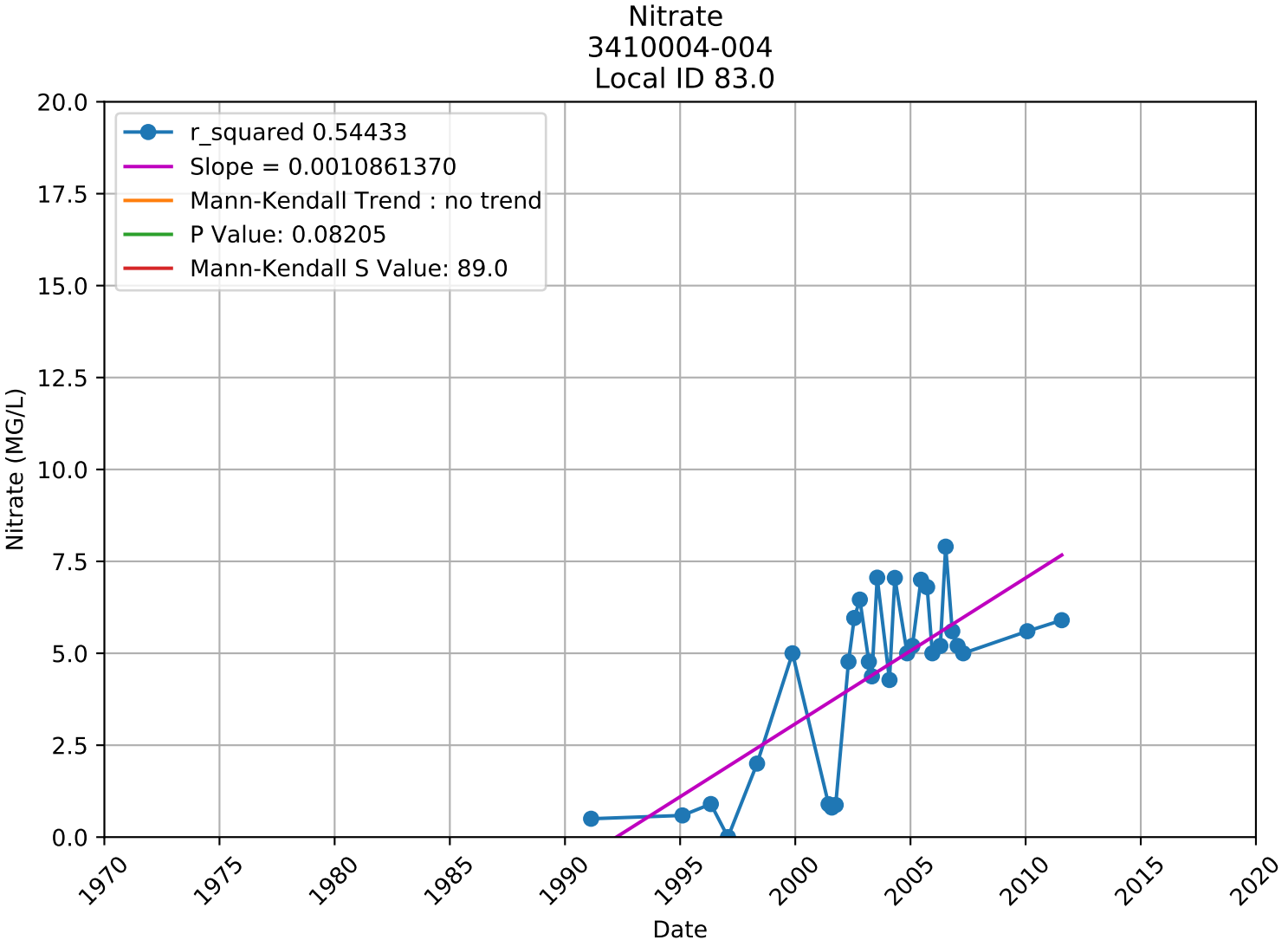

Nitrate
3410003-004
Local ID 245.0
r_squared 0.32962
Slope = 0.0004438858
Mann-Kendall Trend : no trend
P Value: 0.16586
Mann-Kendall S Value: 29.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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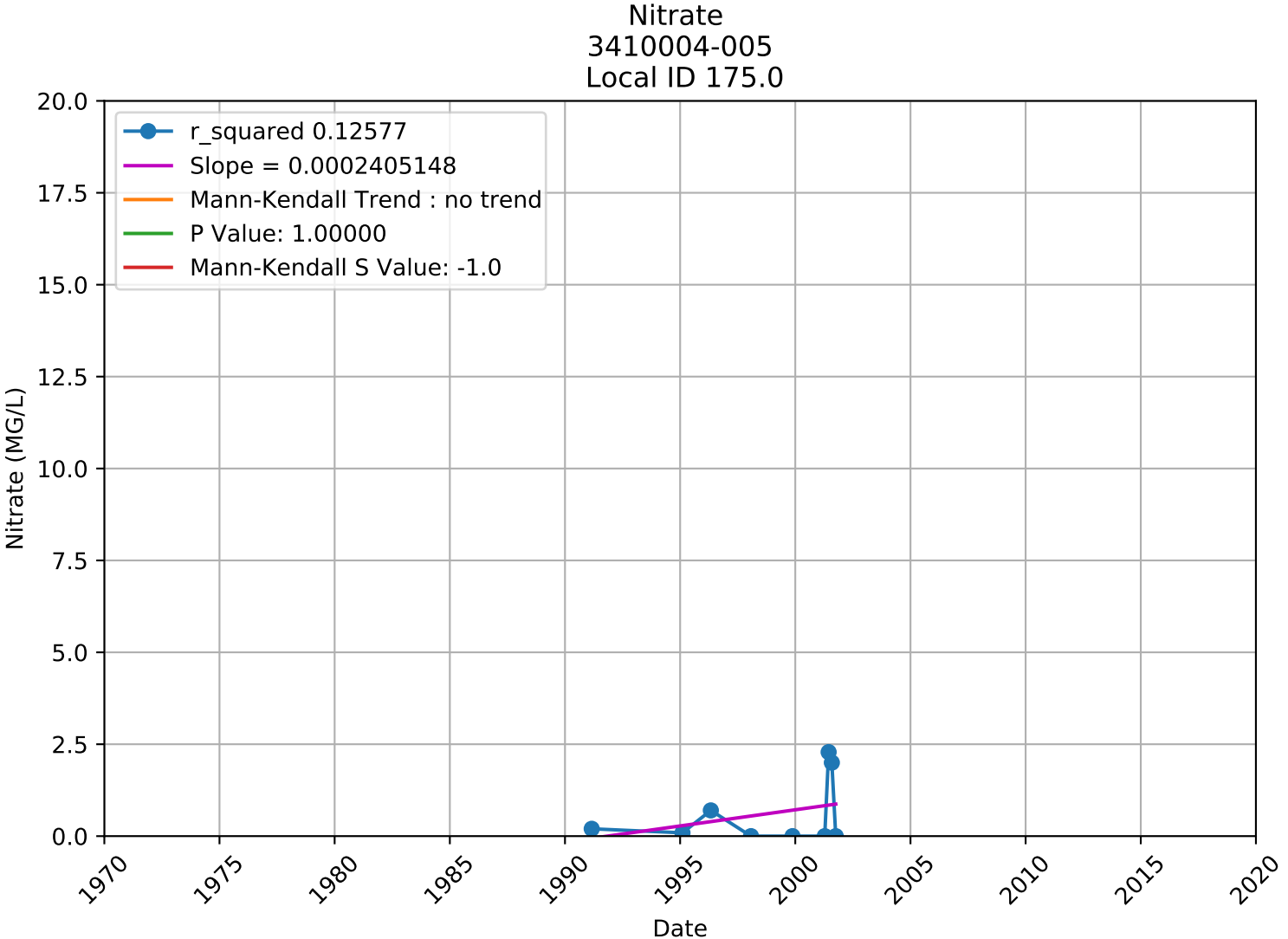

Nitrate
3410003-005
Local ID 162.0
r_squared 0.54089
Slope = 0.0002278460
Mann-Kendall Trend : increasing
P Value: 0.02809
Mann-Kendall S Value: 95.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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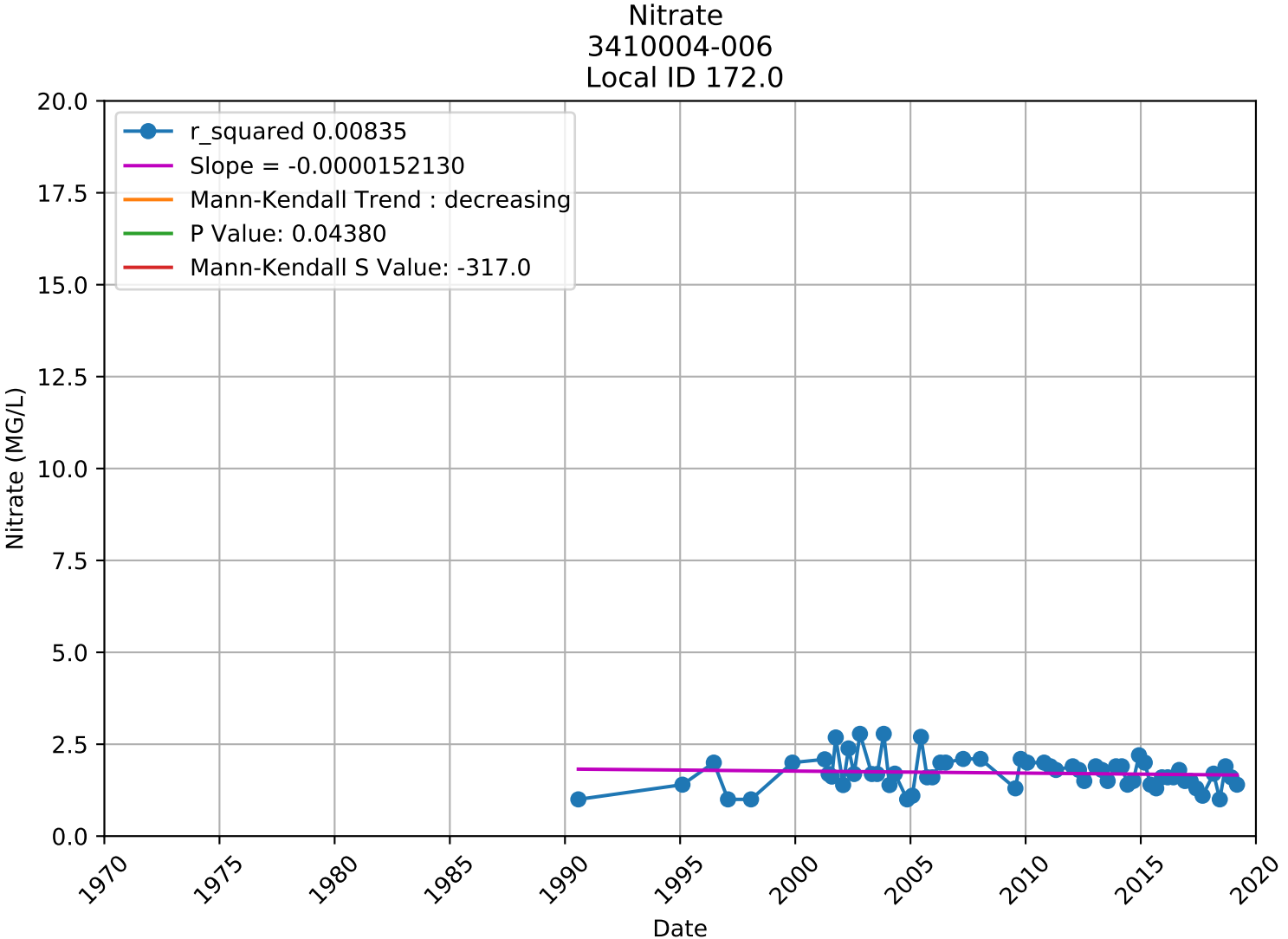

Nitrate
3410003-006
Local ID 251.0
r_squared 0.85469
Slope = 0.0001827441
Mann-Kendall Trend : increasing
P Value: 0.00192
Mann-Kendall S Value: 126.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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2.5
0.0
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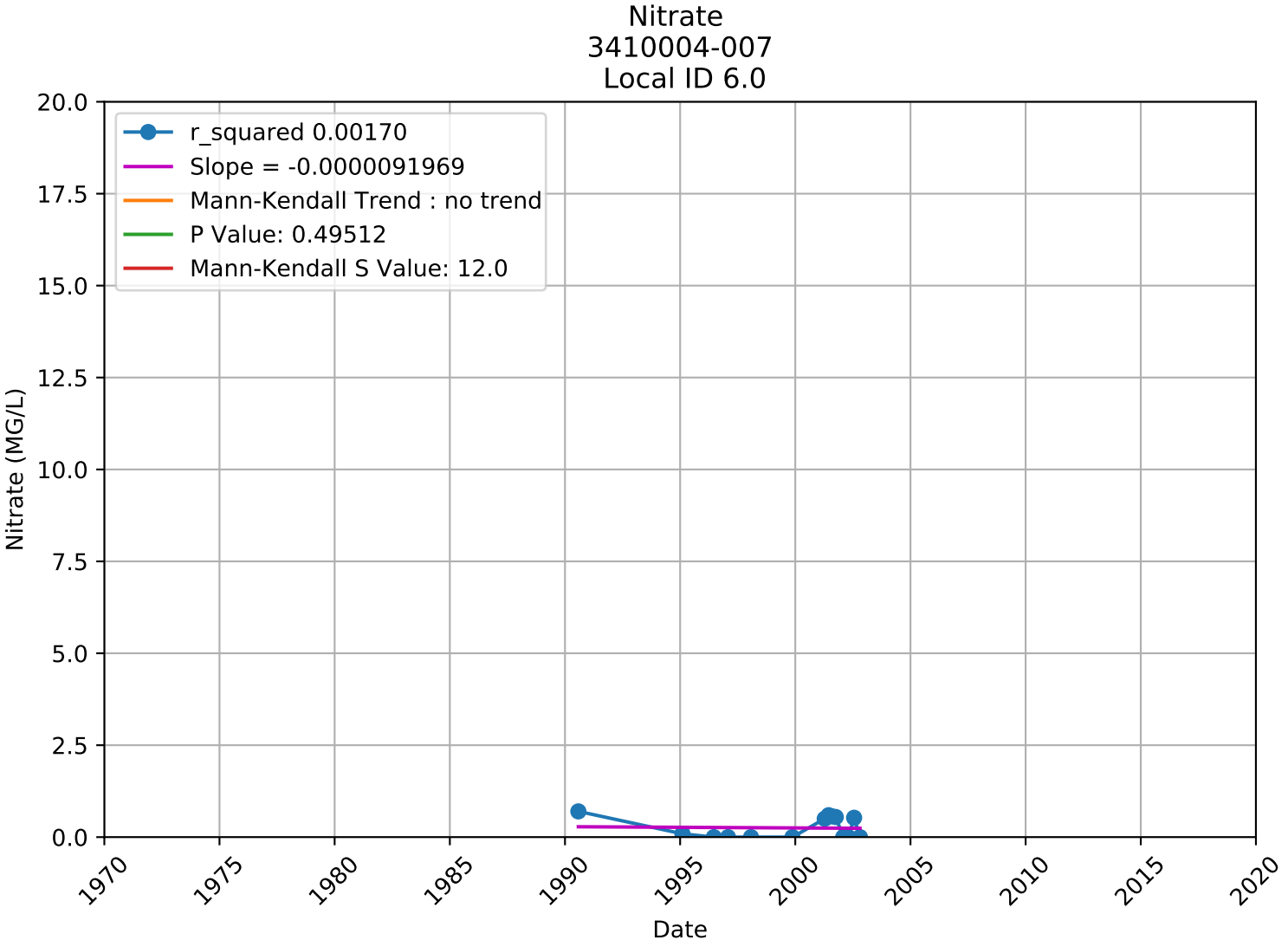

Nitrate
3410003-008
Local ID 238.0
r_squared 0.05526
Slope = 0.0000769403
Mann-Kendall Trend : increasing
P Value: 0.00003
Mann-Kendall S Value: 189.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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2.5
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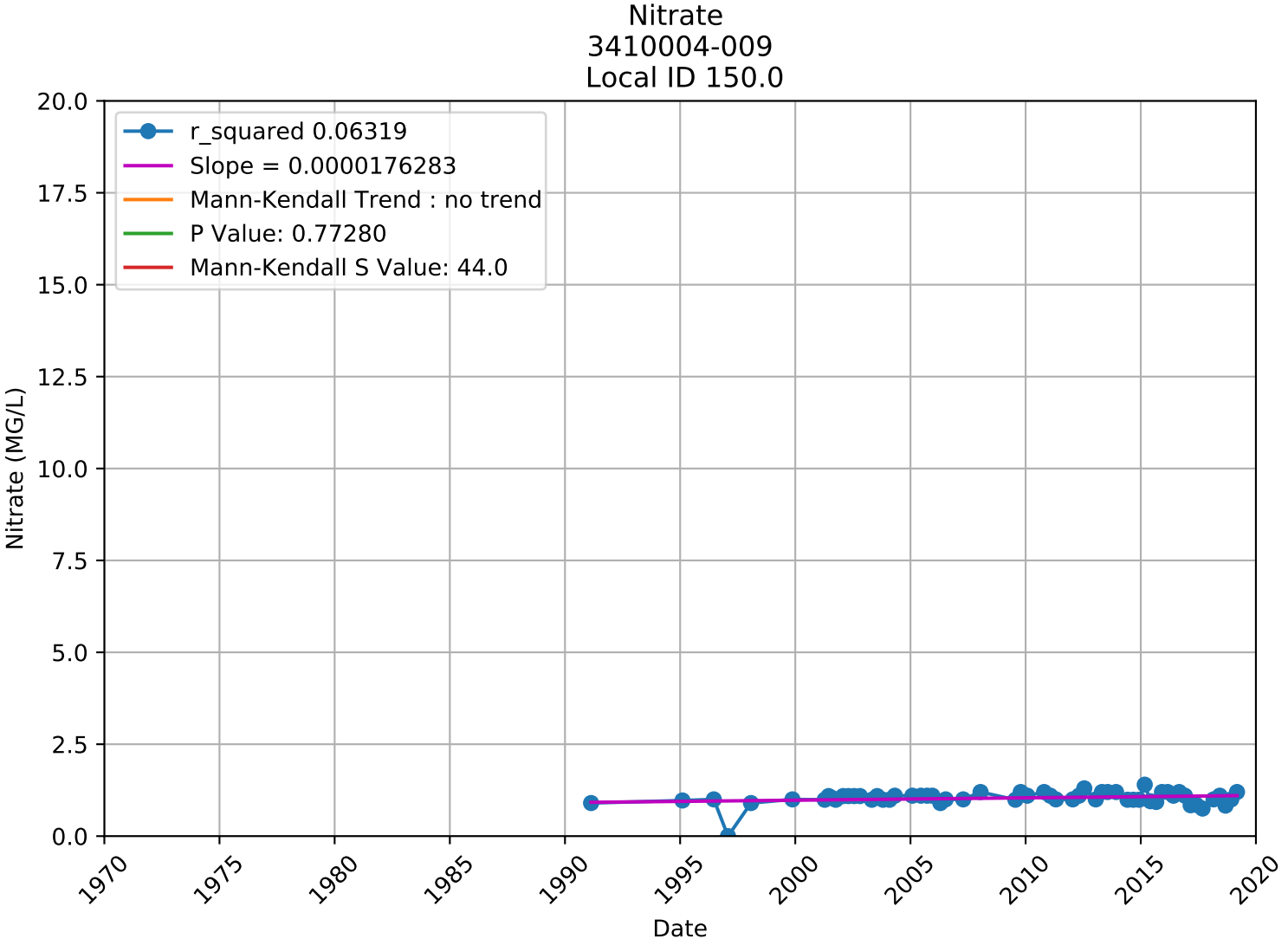

Nitrate
3410004-001
Local ID 74.0
r_squared 0.00068
Slope = 0.0000830133
Mann-Kendall Trend : no trend
P Value: 0.09951
Mann-Kendall S Value: 28.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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2.5
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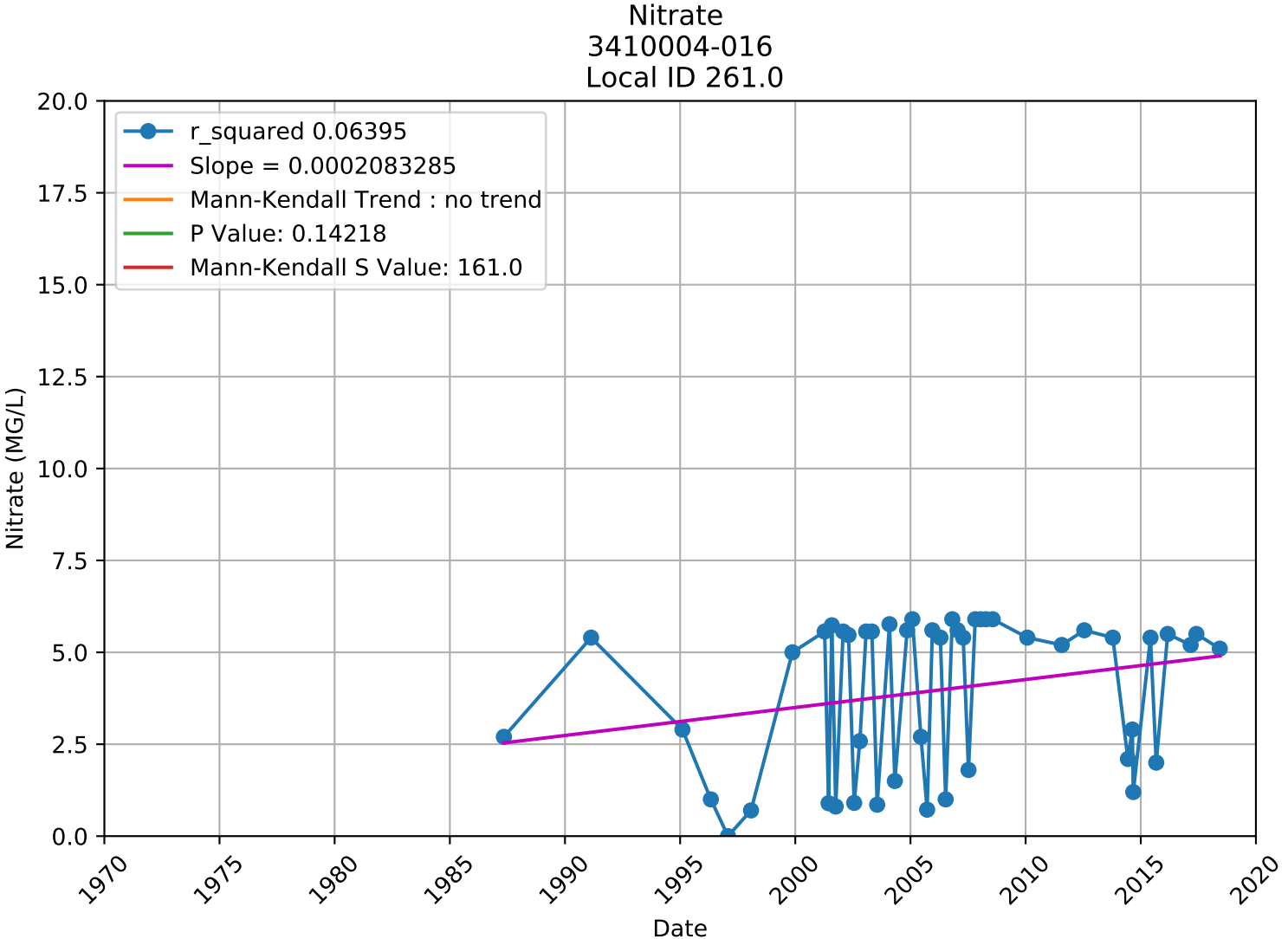

Nitrate
3410004-004
Local ID 83.0
r_squared 0.54433
Slope = 0.0010861370
Mann-Kendall Trend : no trend
P Value: 0.08205
Mann-Kendall S Value: 89.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
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5.0
2.5
0.0
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2015
2020

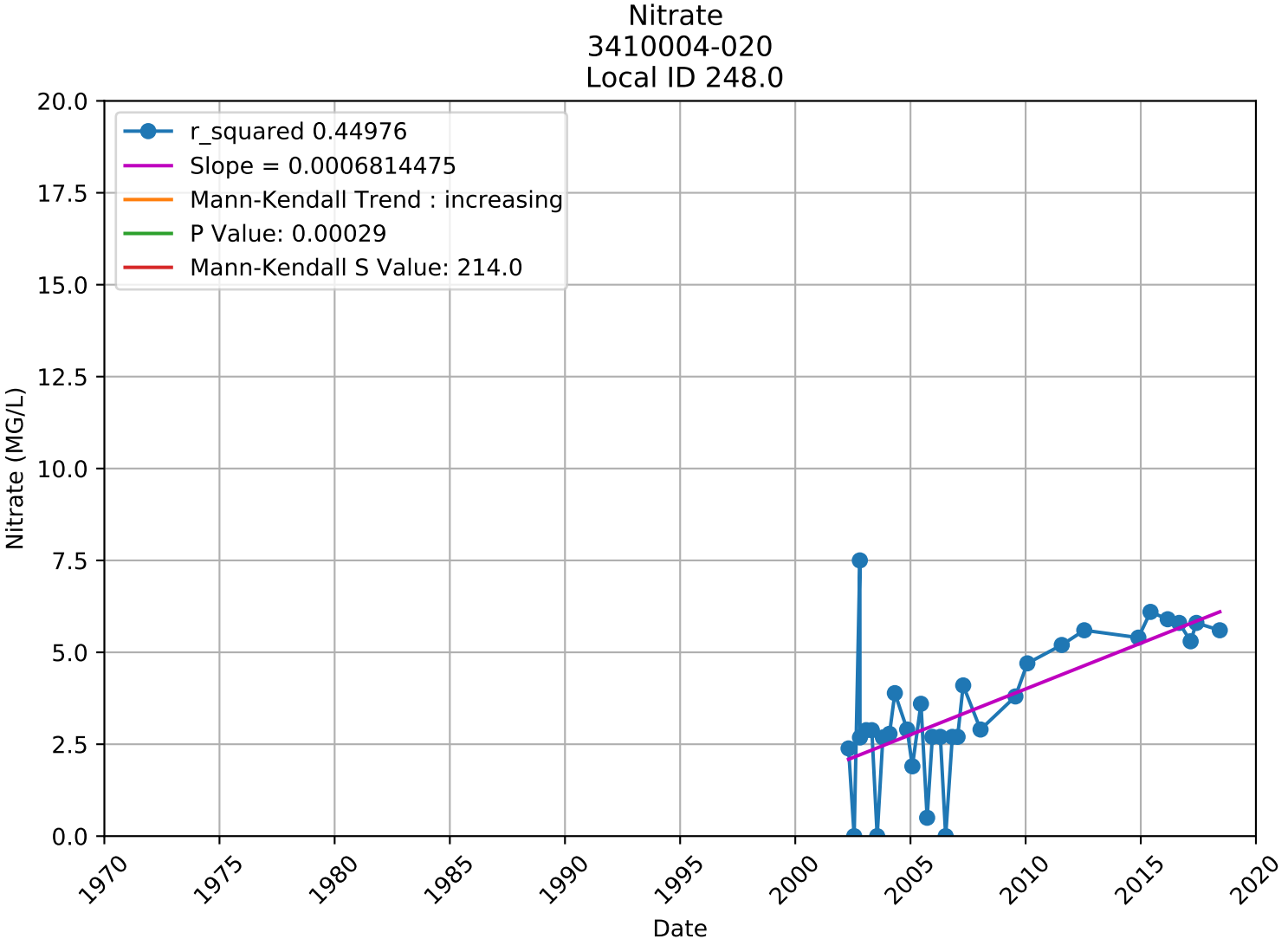

Nitrate
3410004-005
Local ID 175.0
r_squared 0.12577
Slope = 0.0002405148
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
1975
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2015
2020

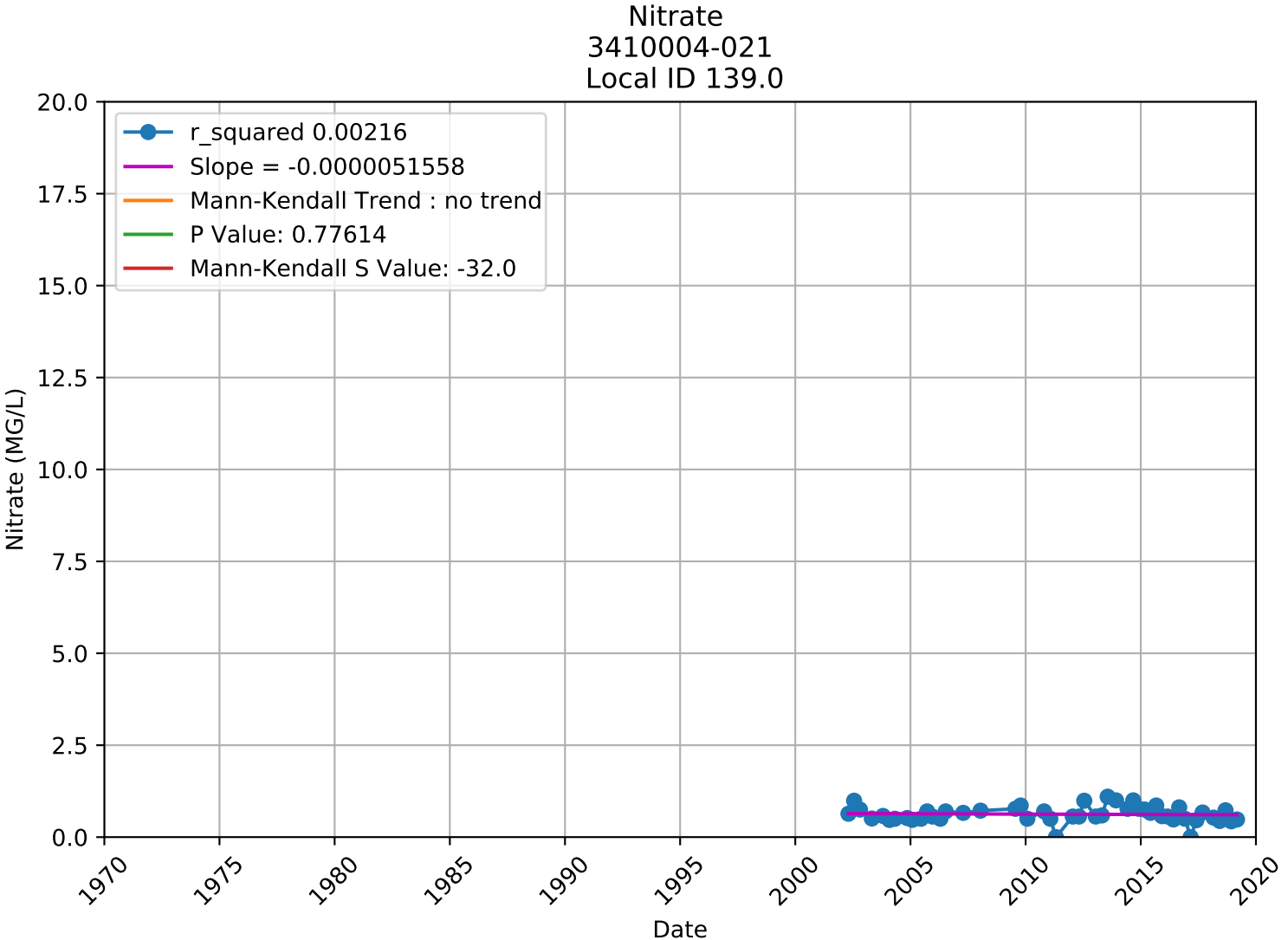

Nitrate
3410004-006
Local ID 172.0
r_squared 0.00835
Slope = -0.0000152130
Mann-Kendall Trend : decreasing
P Value: 0.04380
Mann-Kendall S Value: -317.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
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2020

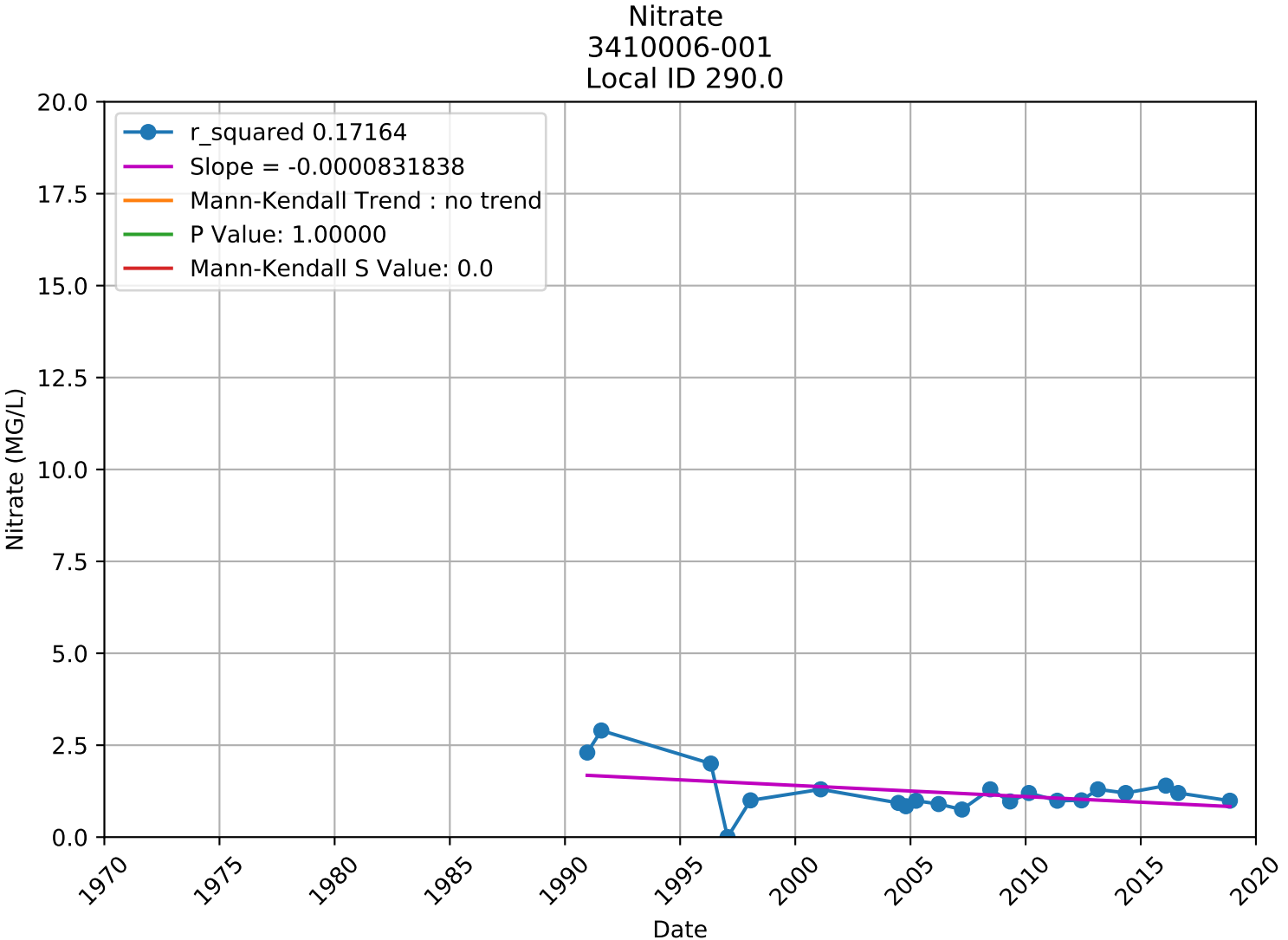

Nitrate
3410004-007
Local ID 6.0
r_squared 0.00170
Slope = -0.0000091969
Mann-Kendall Trend : no trend
P Value: 0.49512
Mann-Kendall S Value: 12.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
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2010
2015
2020

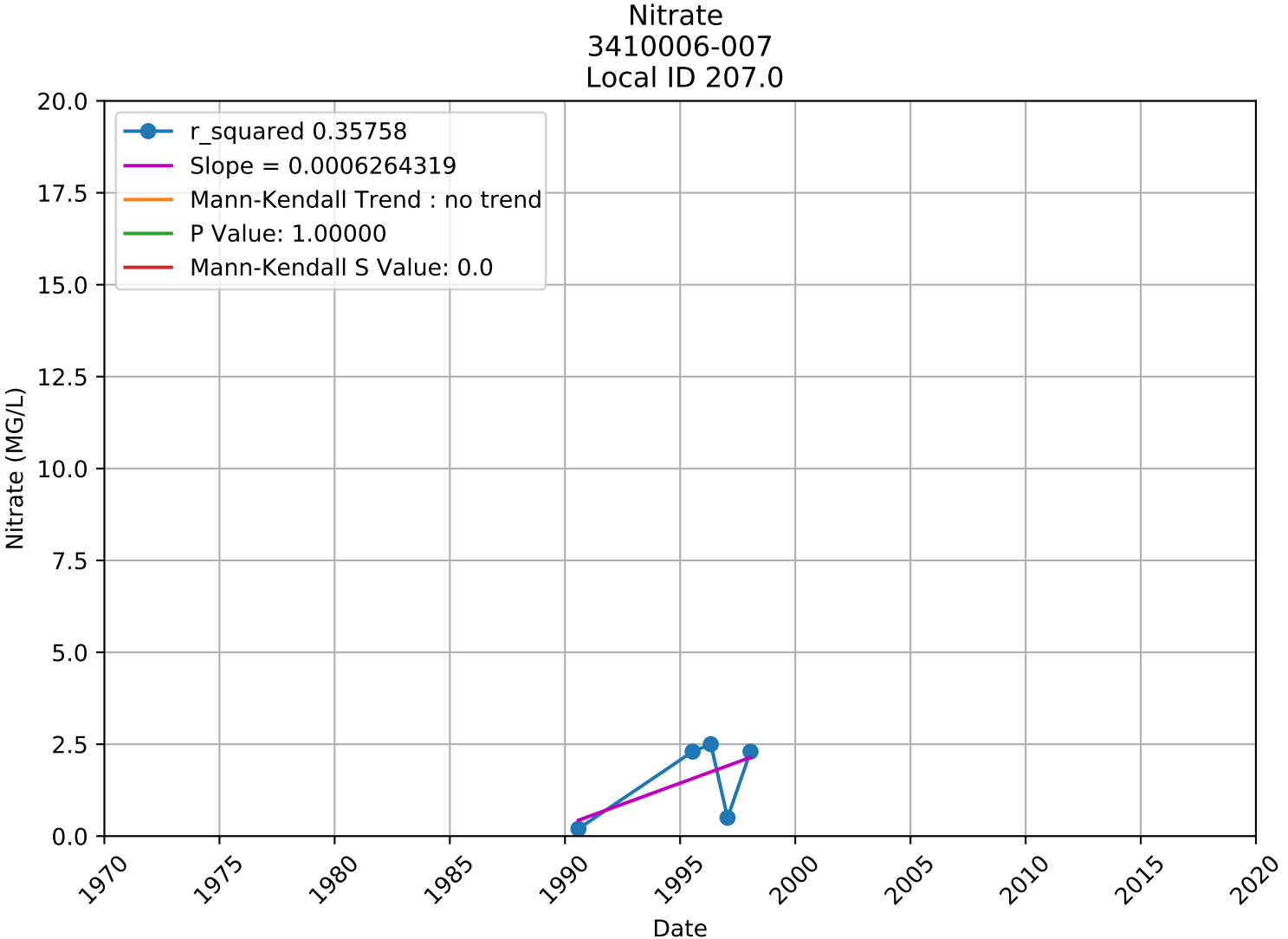

Nitrate
3410004-009
Local ID 150.0
r_squared 0.06319
Slope = 0.0000176283
Mann-Kendall Trend : no trend
P Value: 0.77280
Mann-Kendall S Value: 44.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
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2015
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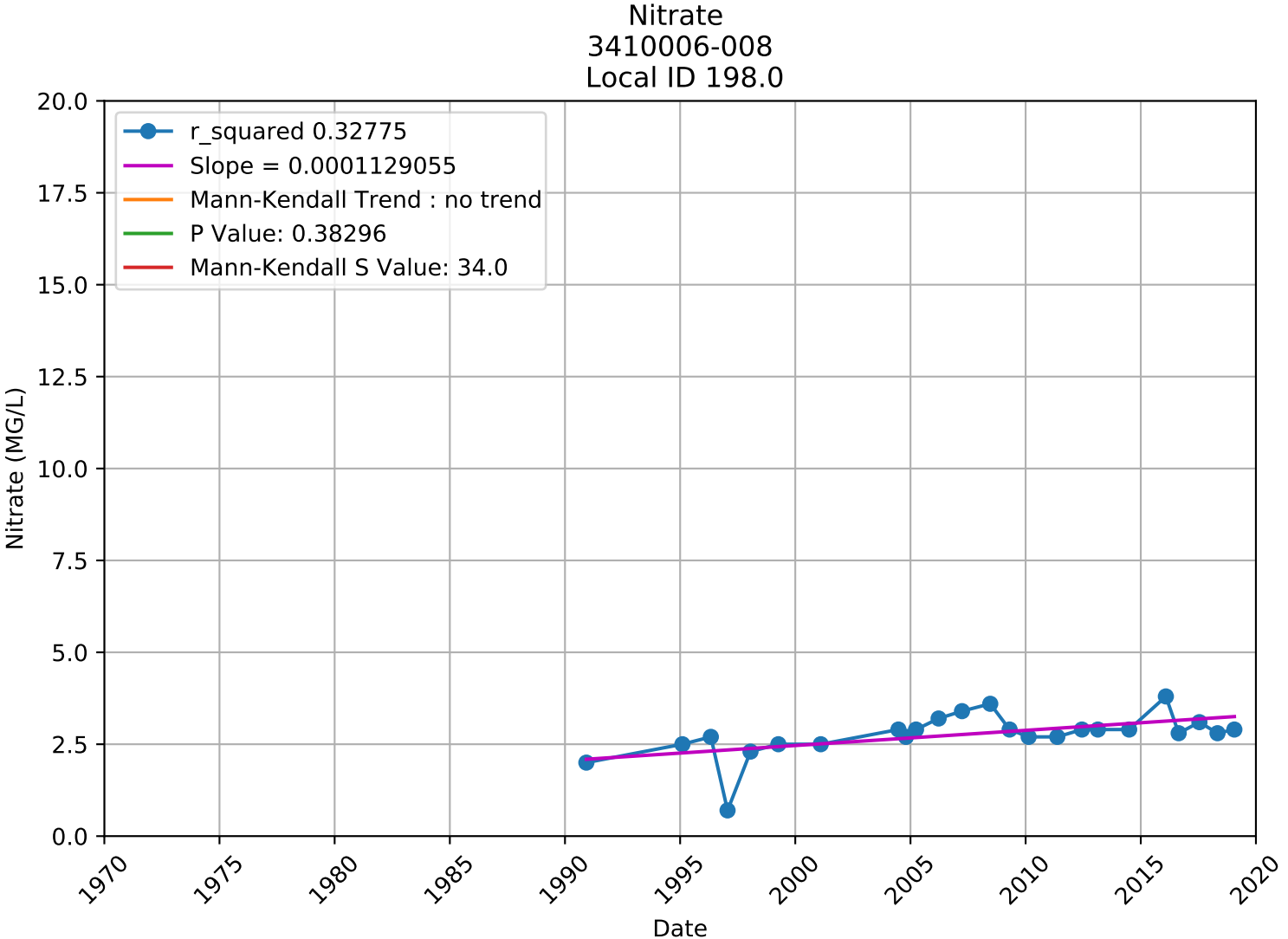

Nitrate
3410004-016
Local ID 261.0
r_squared 0.06395
Slope = 0.0002083285
Mann-Kendall Trend : no trend
P Value: 0.14218
Mann-Kendall S Value: 161.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
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2010
2015
2020

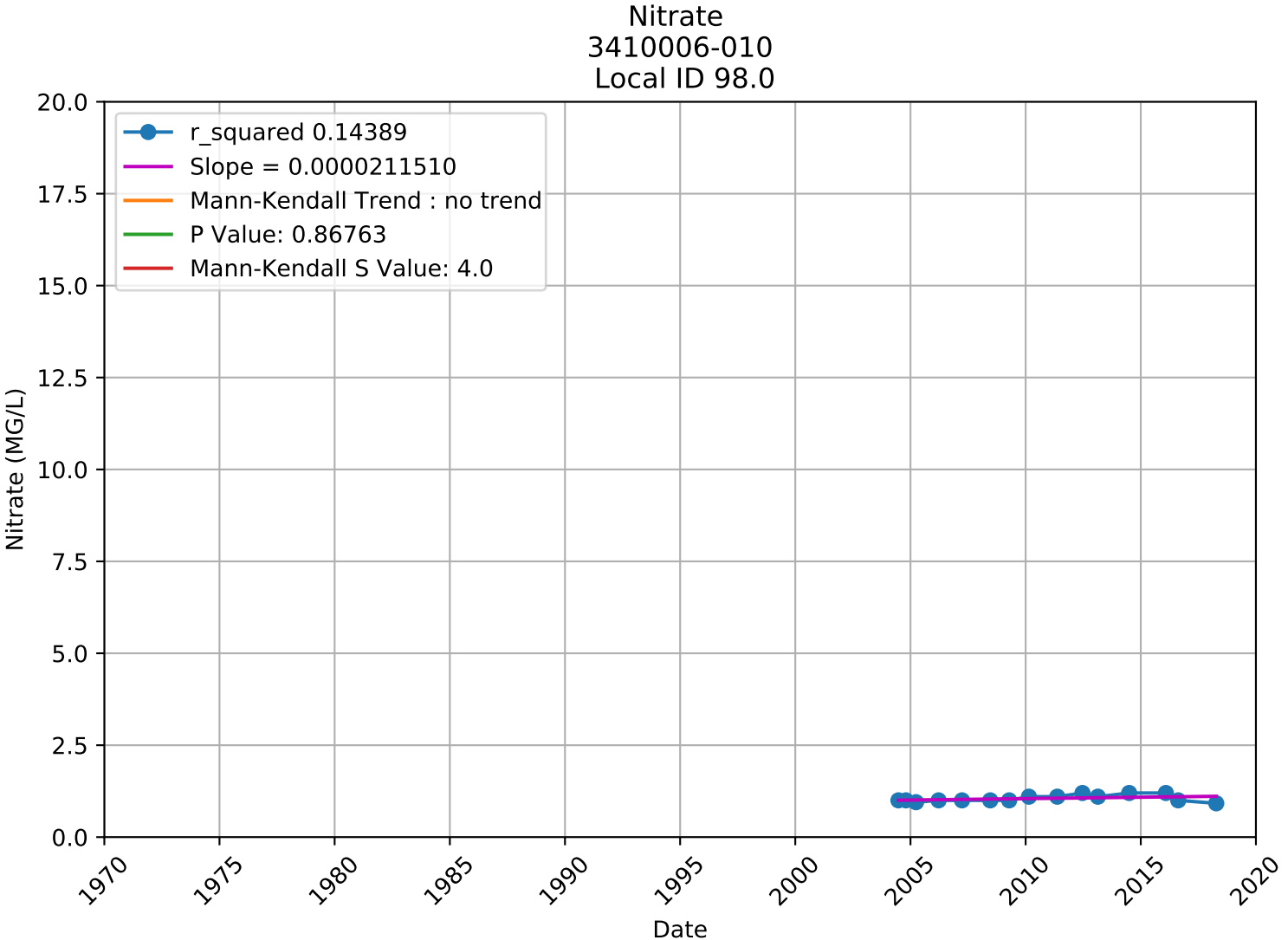

Nitrate
3410004-020
Local ID 248.0
r_squared 0.44976
Slope = 0.0006814475
Mann-Kendall Trend : increasing
P Value: 0.00029
Mann-Kendall S Value: 214.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
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2010
2015
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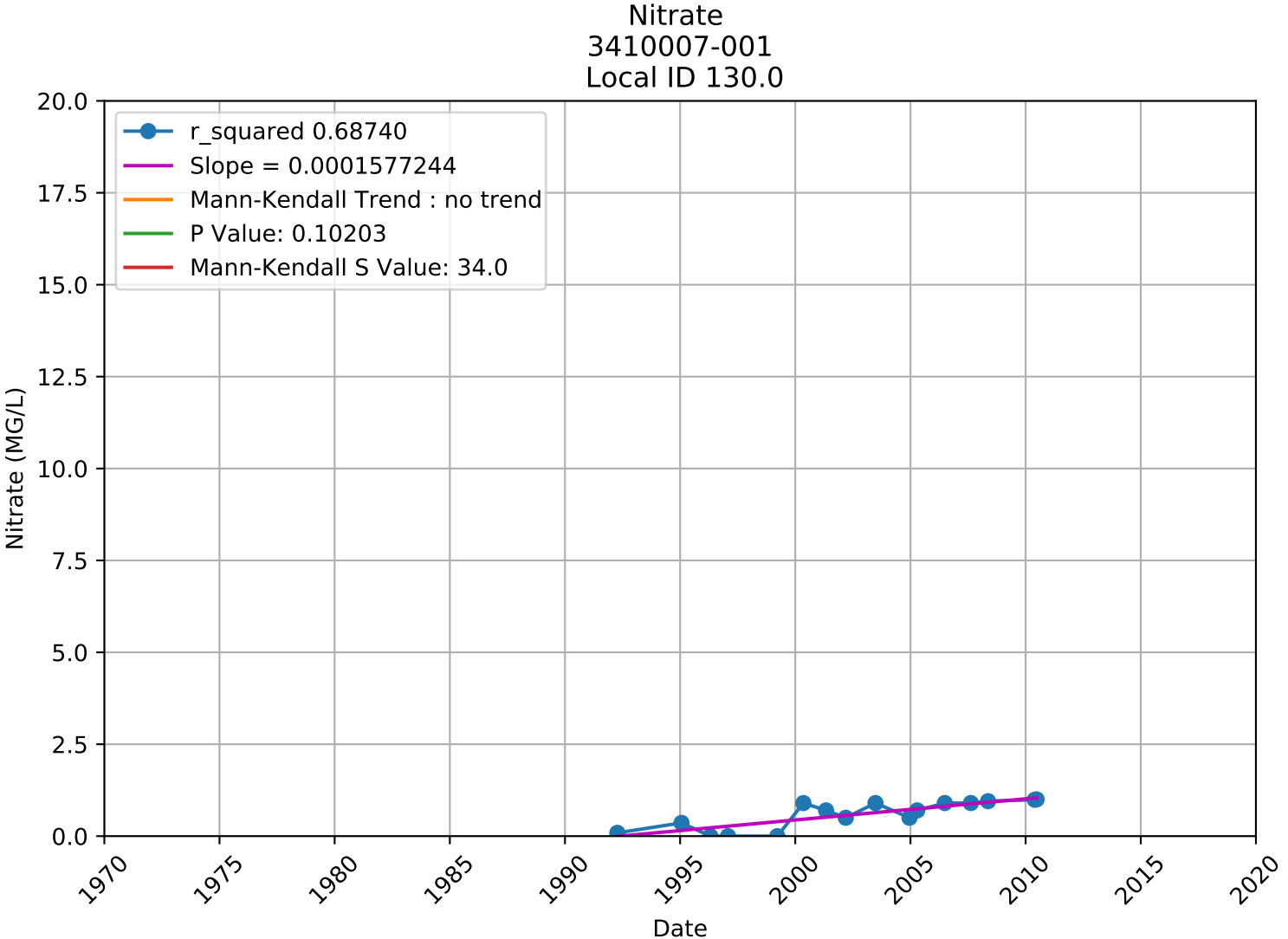

Nitrate
3410004-021
Local ID 139.0
r_squared 0.00216
Slope = -0.0000051558
Mann-Kendall Trend : no trend
P Value: 0.77614
Mann-Kendall S Value: -32.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
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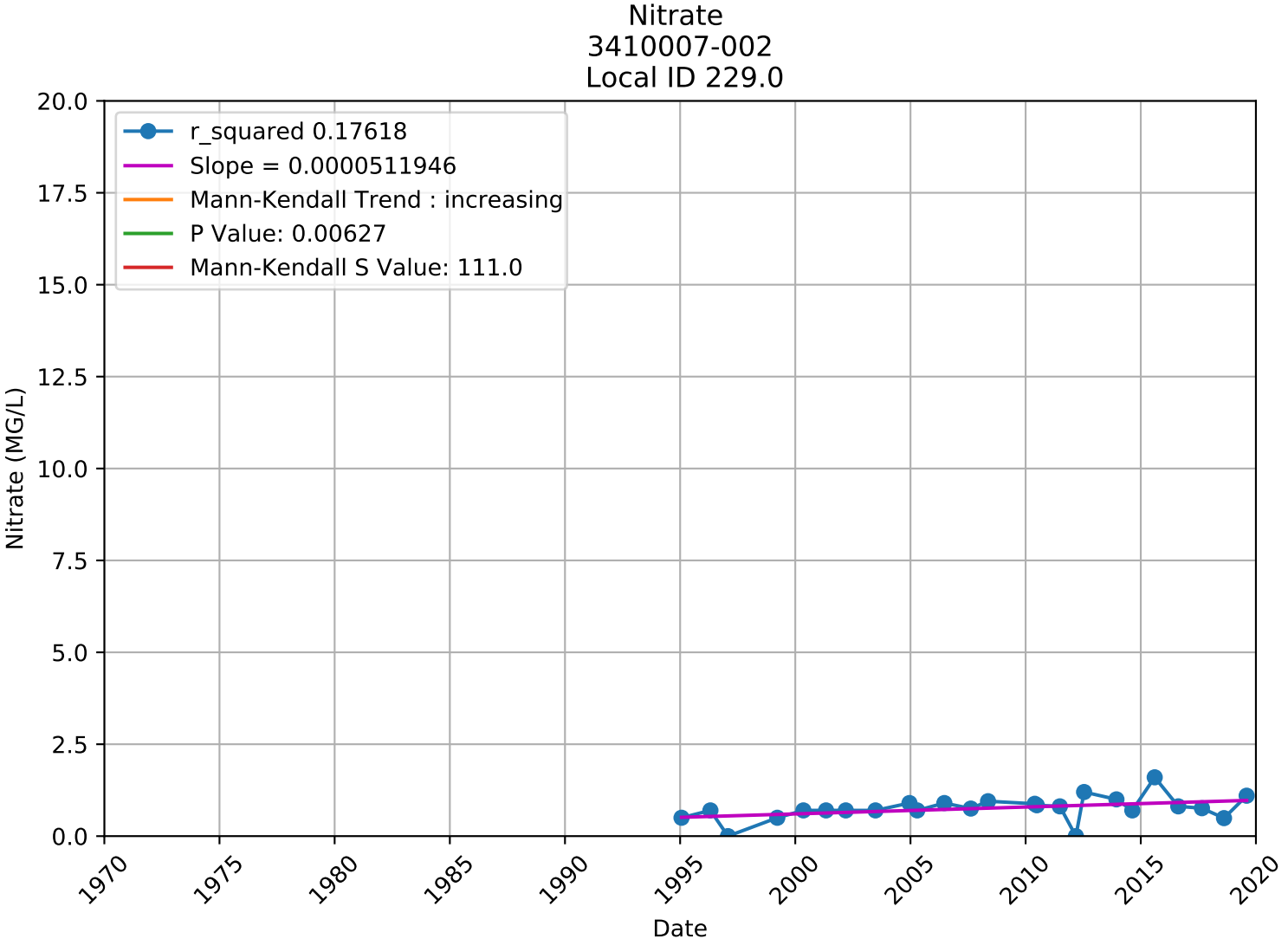

Nitrate
3410006-001
Local ID 290.0
r_squared 0.17164
Slope = -0.0000831838
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
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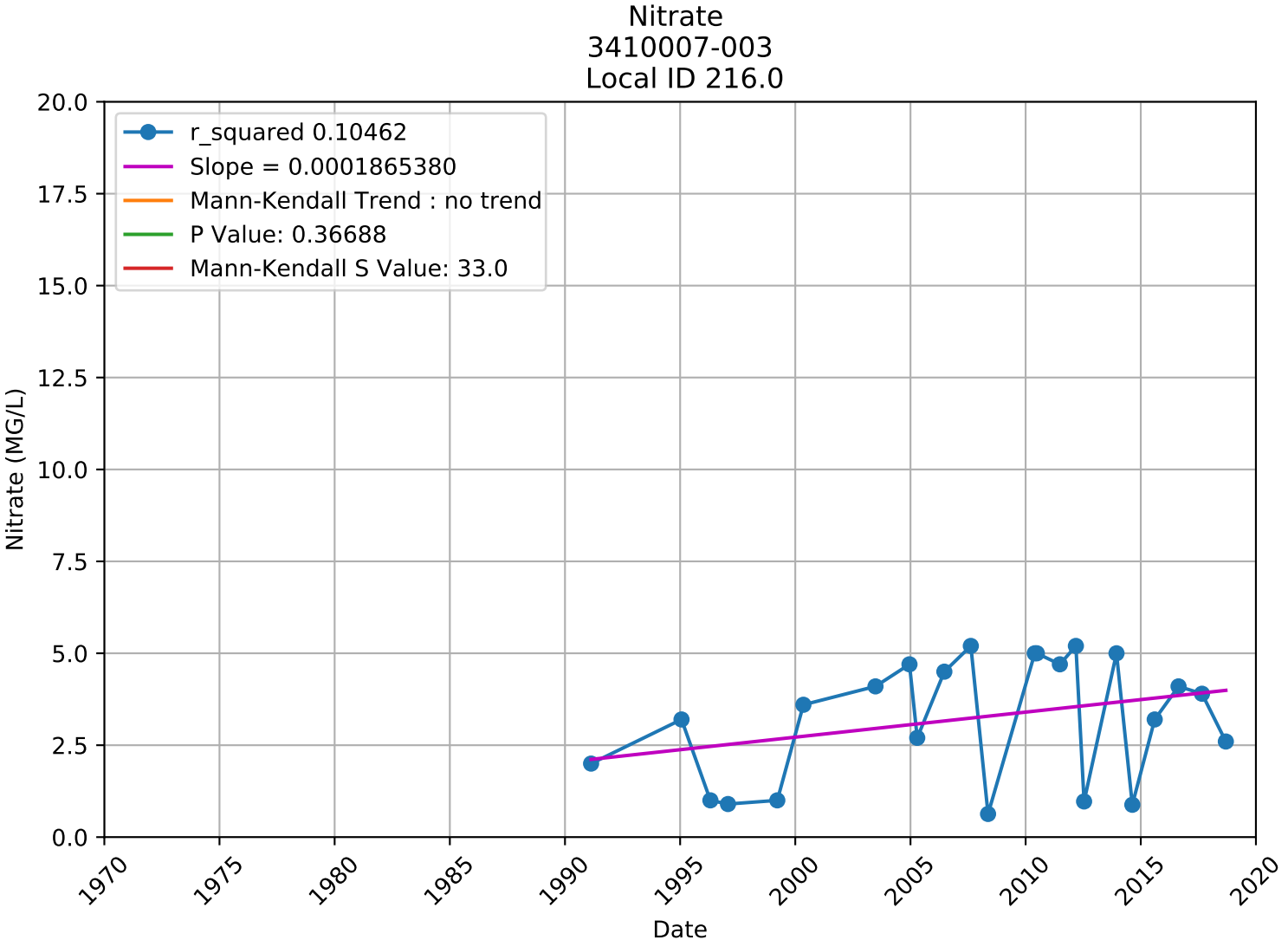

Nitrate
3410006-007
Local ID 207.0
r_squared 0.35758
Slope = 0.0006264319
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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2.5
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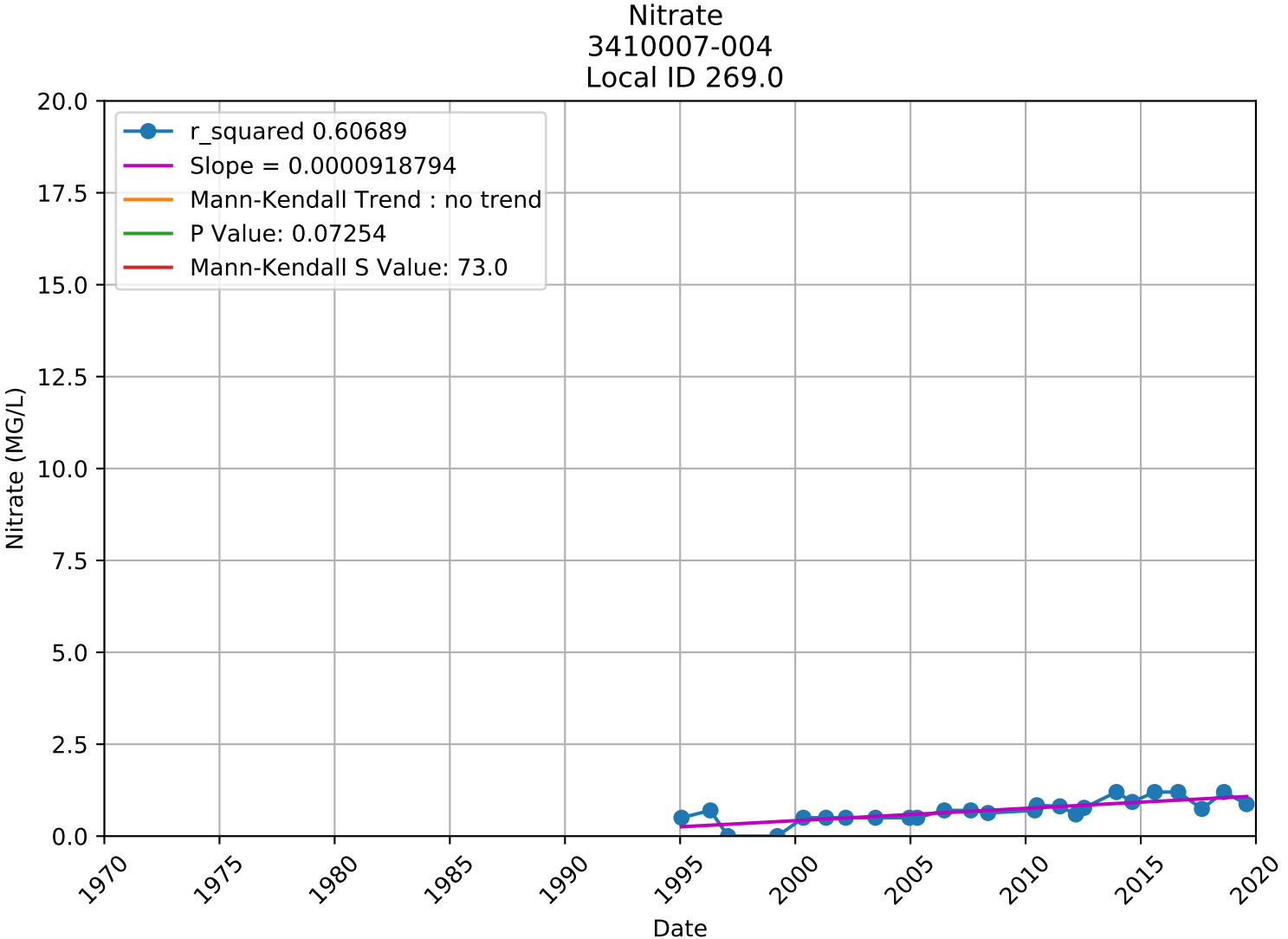

Nitrate
3410006-008
Local ID 198.0
r_squared 0.32775
Slope = 0.0001129055
Mann-Kendall Trend : no trend
P Value: 0.38296
Mann-Kendall S Value: 34.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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5.0
2.5
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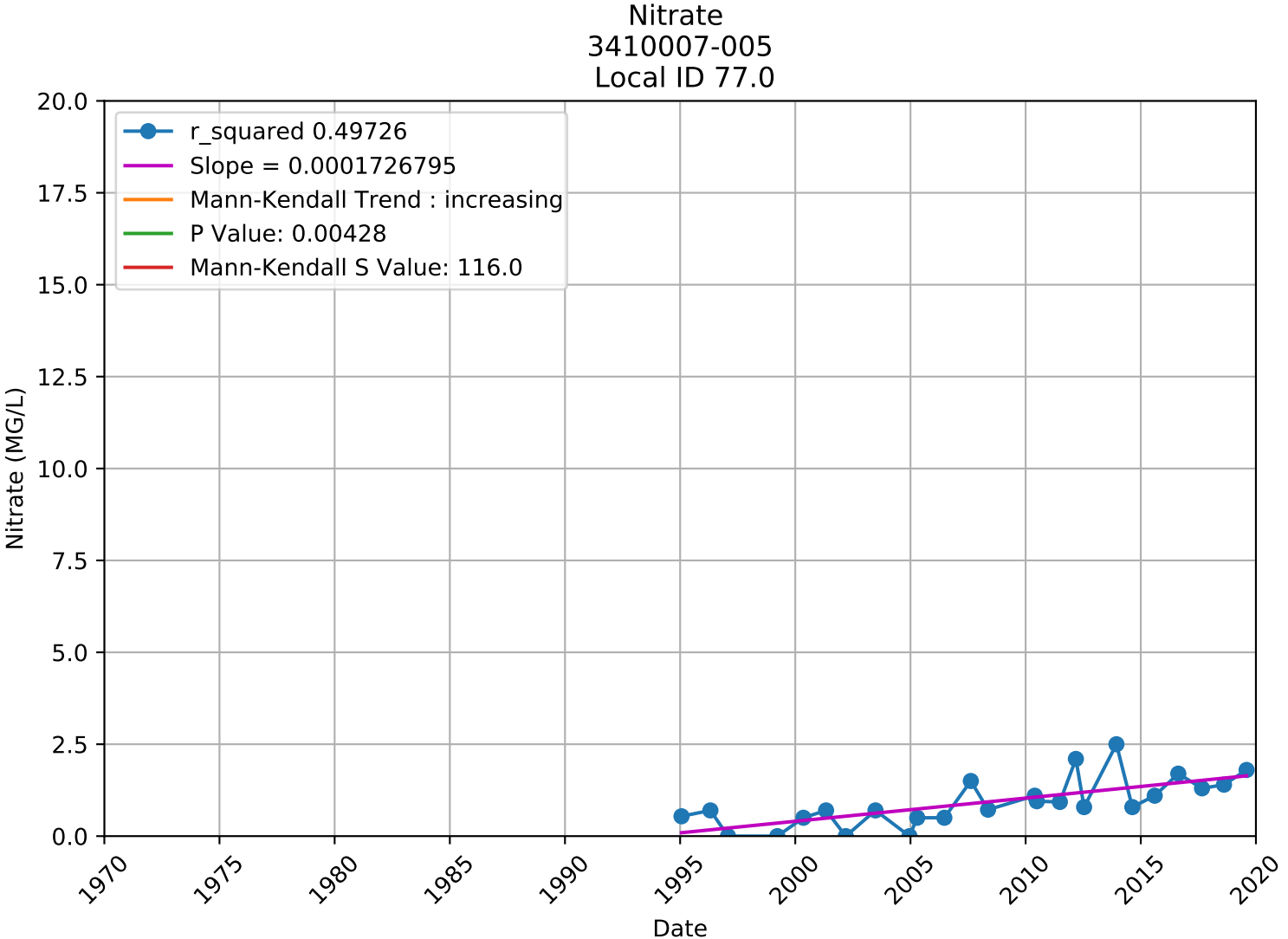

Nitrate
3410006-010
Local ID 98.0
r_squared 0.14389
Slope = 0.0000211510
Mann-Kendall Trend : no trend
P Value: 0.86763
Mann-Kendall S Value: 4.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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5.0
2.5
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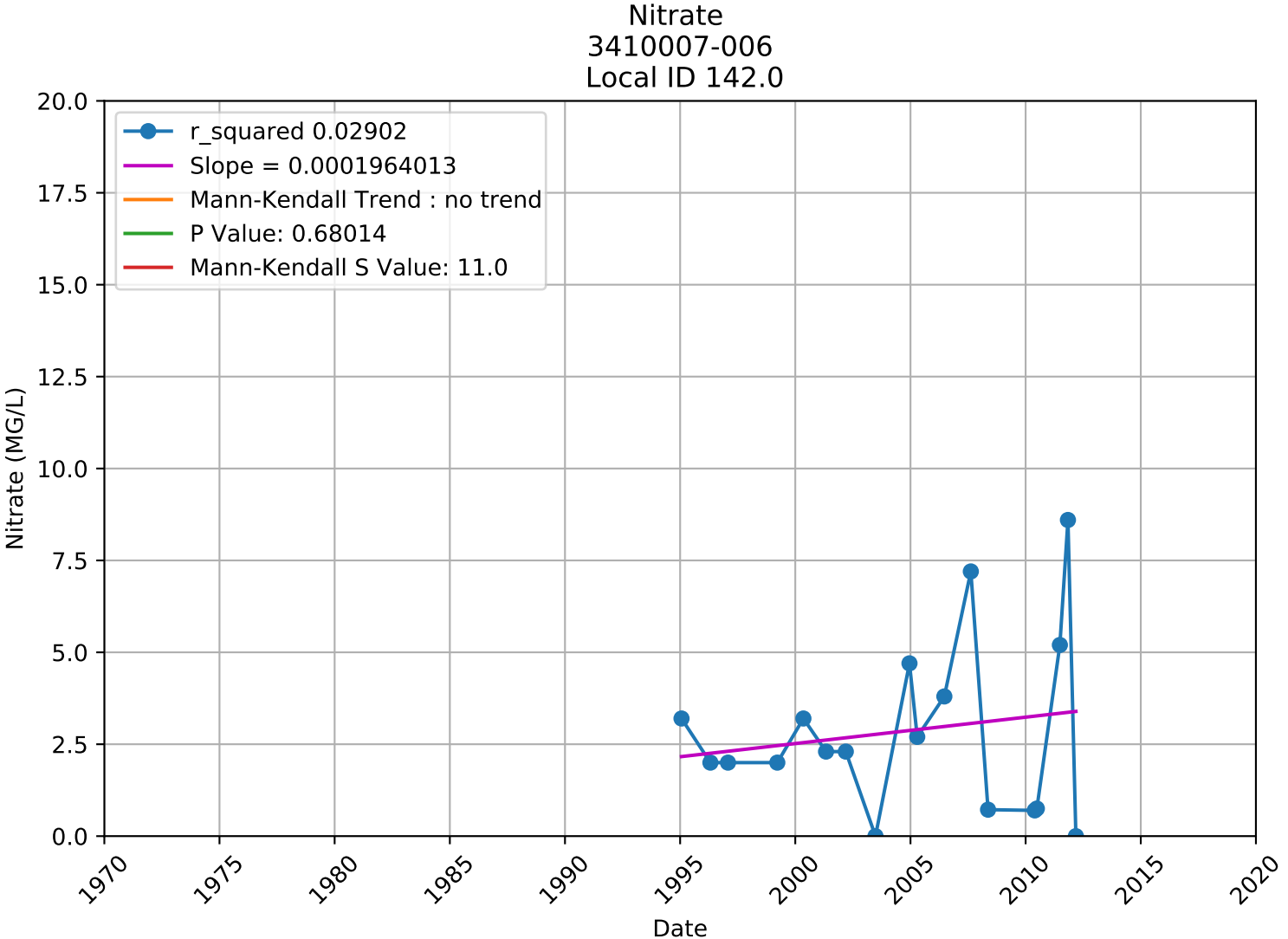

Nitrate
3410007-001
Local ID 130.0
r_squared 0.68740
Slope = 0.0001577244
Mann-Kendall Trend : no trend
P Value: 0.10203
Mann-Kendall S Value: 34.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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2.5
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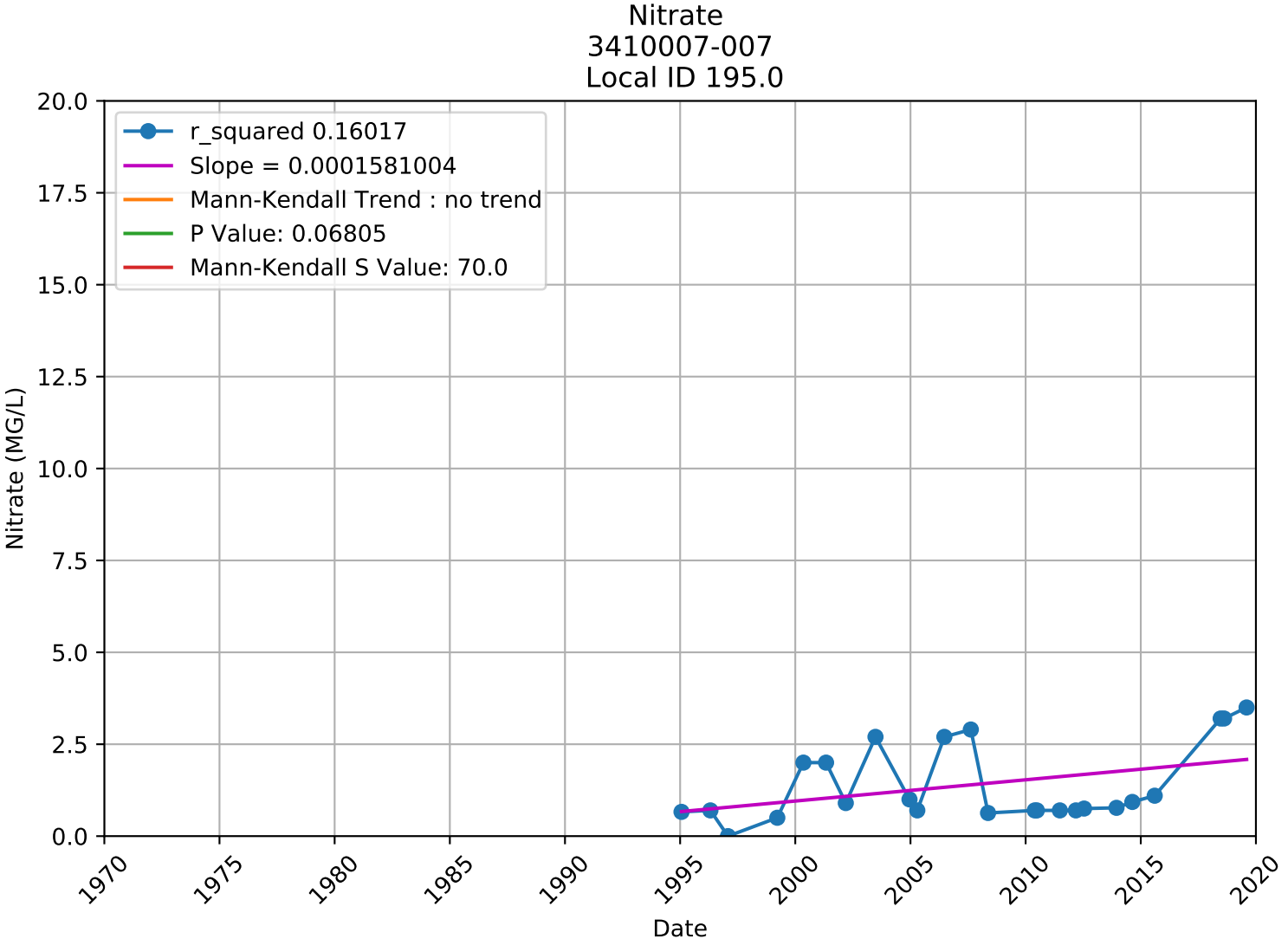

Nitrate
3410007-002
Local ID 229.0
r_squared 0.17618
Slope = 0.0000511946
Mann-Kendall Trend : increasing
P Value: 0.00627
Mann-Kendall S Value: 111.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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5.0
2.5
0.0
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2020

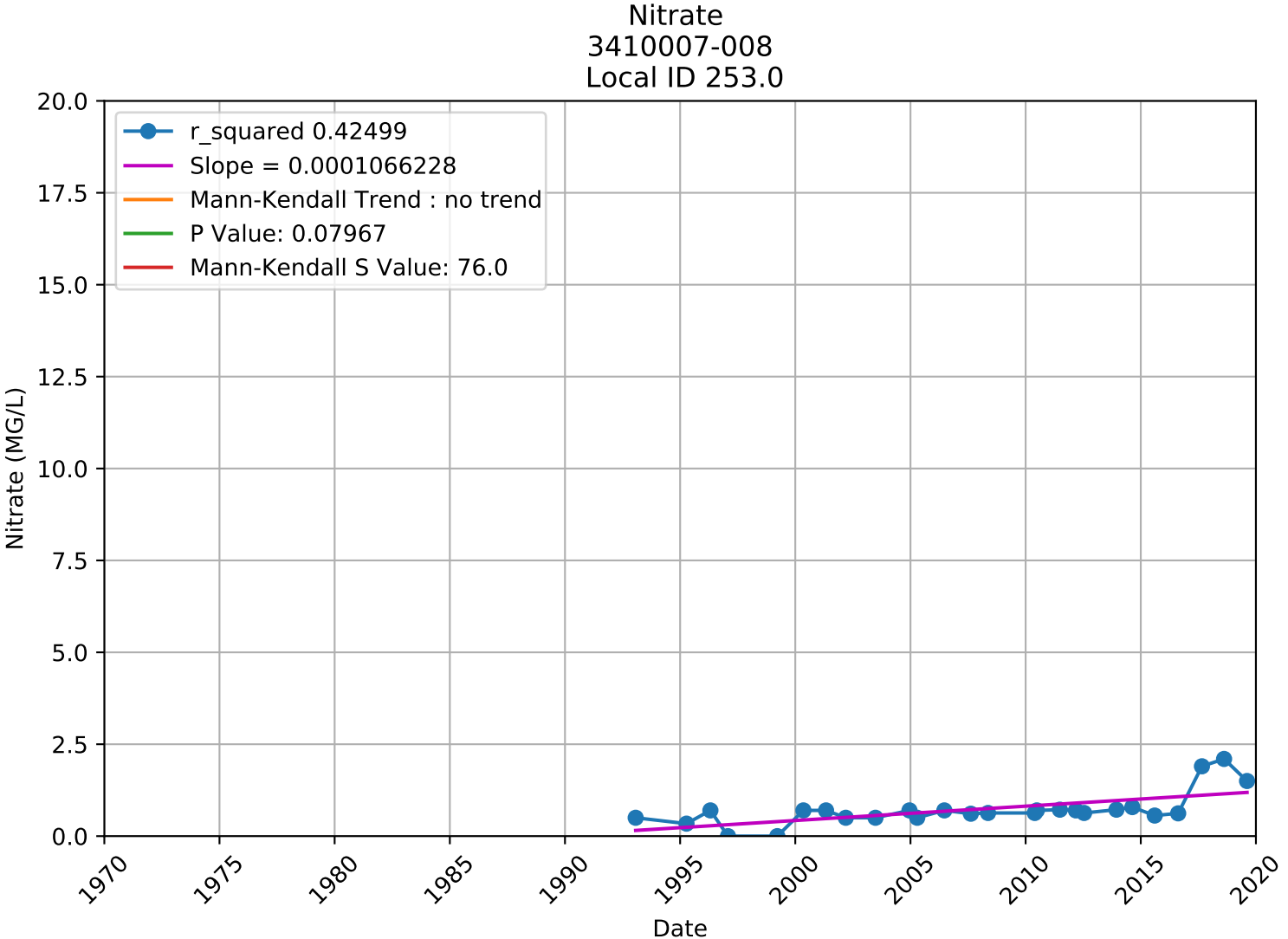

Nitrate
3410007-003
Local ID 216.0
r_squared 0.10462
Slope = 0.0001865380
Mann-Kendall Trend : no trend
P Value: 0.36688
Mann-Kendall S Value: 33.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
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5.0
2.5
0.0
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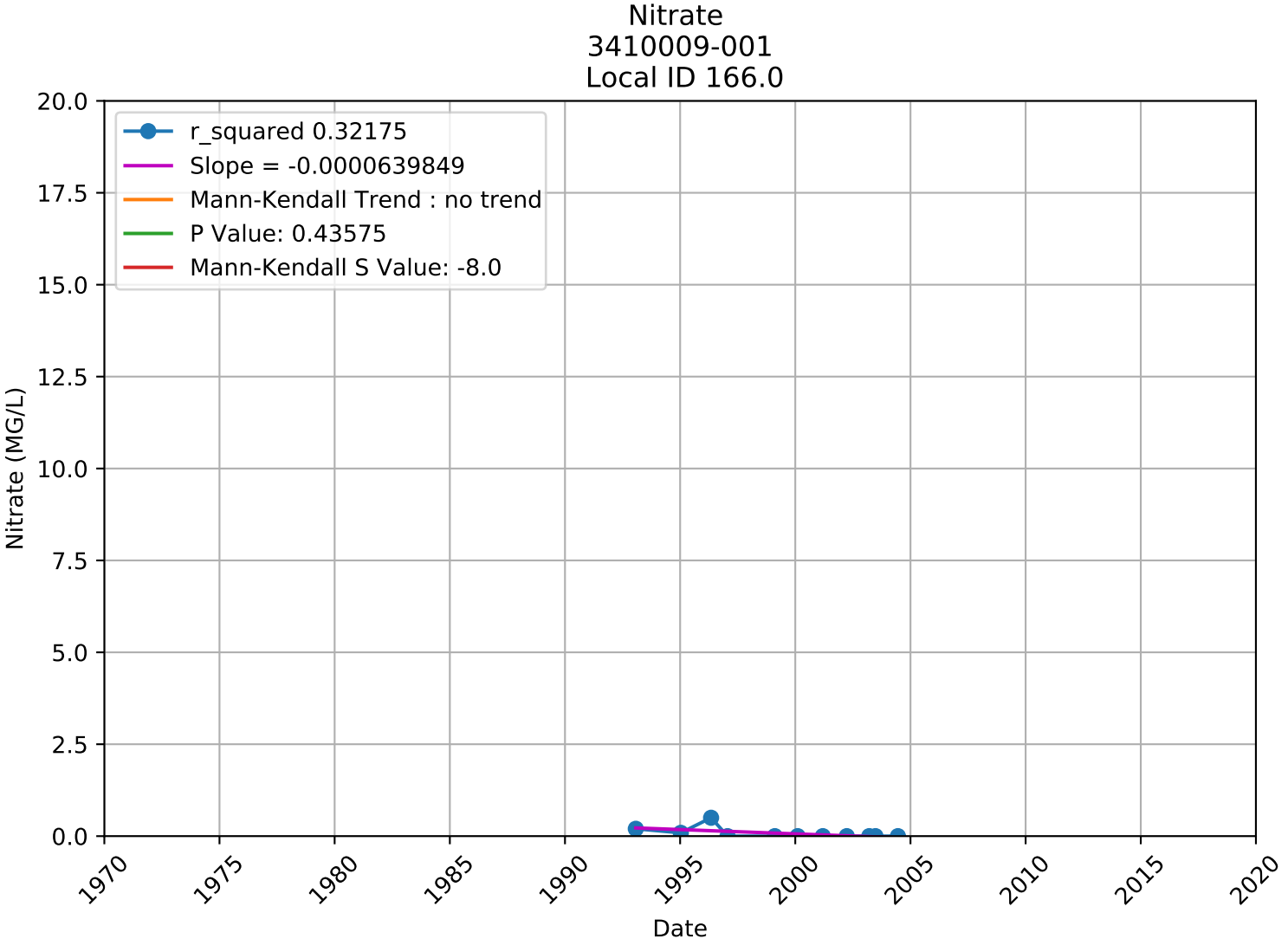

Nitrate
3410007-004
Local ID 269.0
r_squared 0.60689
Slope = 0.0000918794
Mann-Kendall Trend : no trend
P Value: 0.07254
Mann-Kendall S Value: 73.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
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5.0
2.5
0.0
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2020

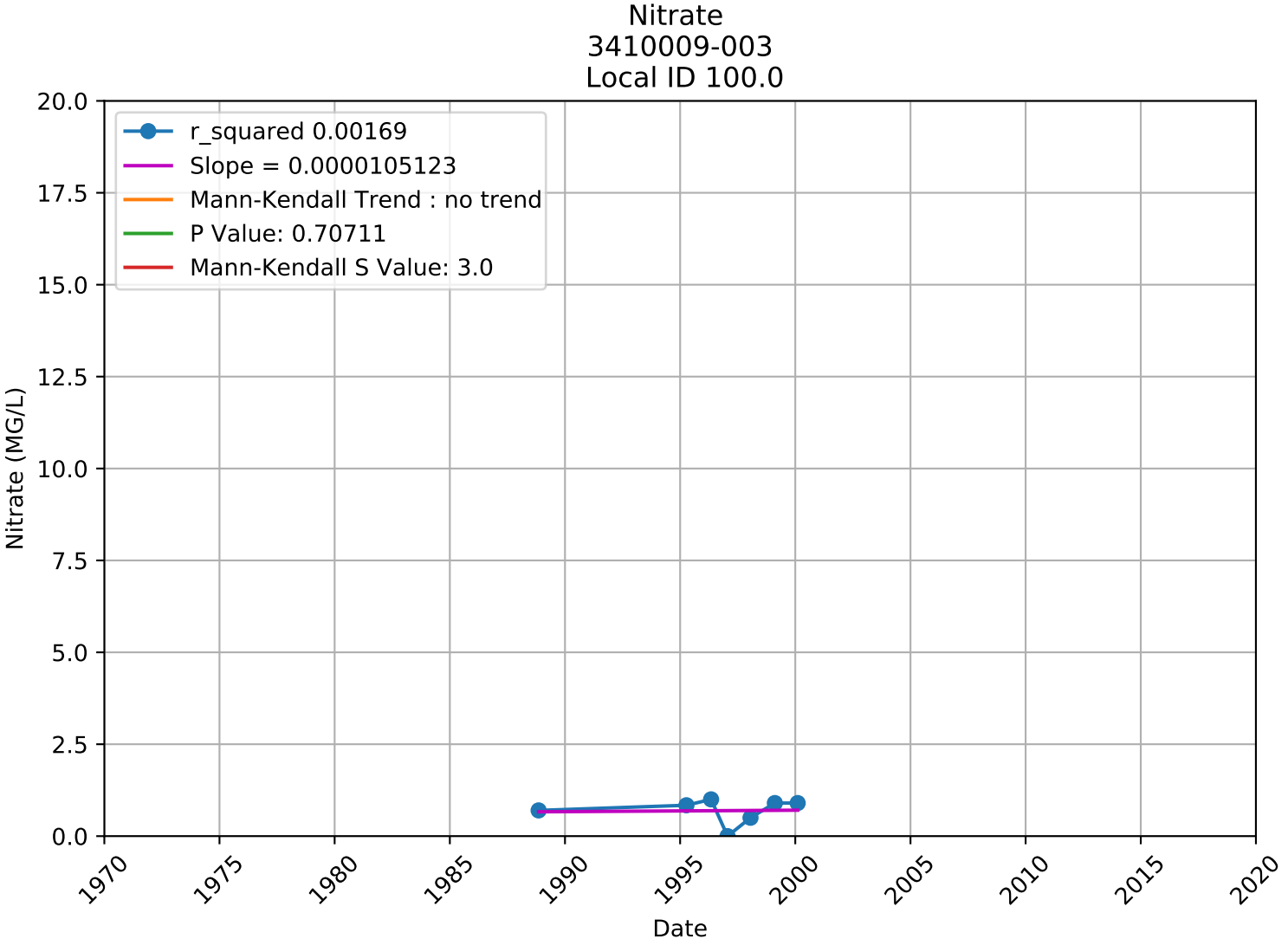

Nitrate
3410007-005
Local ID 77.0
r_squared 0.49726
Slope = 0.0001726795
Mann-Kendall Trend : increasing
P Value: 0.00428
Mann-Kendall S Value: 116.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
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5.0
2.5
0.0
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2015
2020

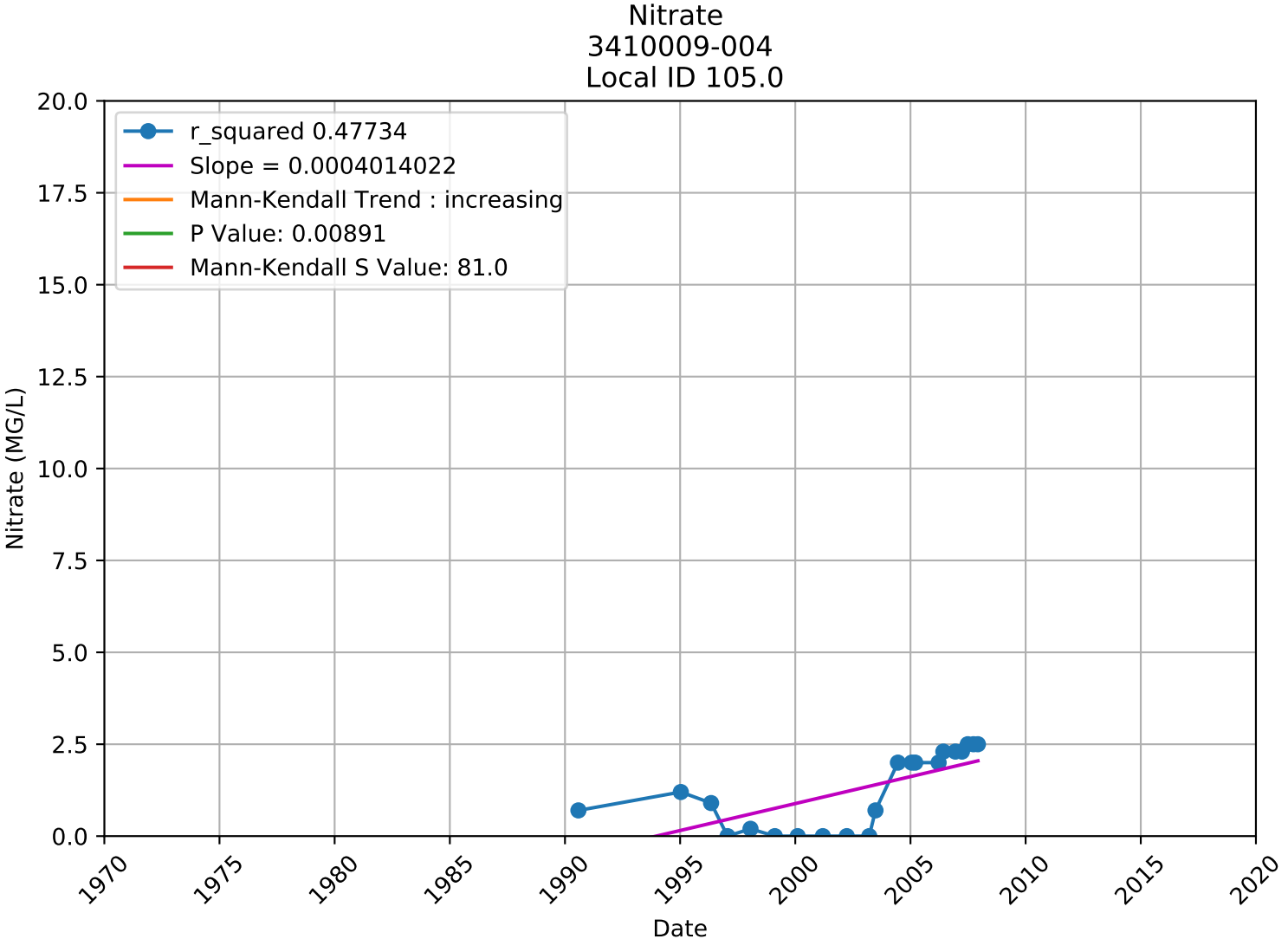

Nitrate
3410007-006
Local ID 142.0
r_squared 0.02902
Slope = 0.0001964013
Mann-Kendall Trend : no trend
P Value: 0.68014
Mann-Kendall S Value: 11.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
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2020

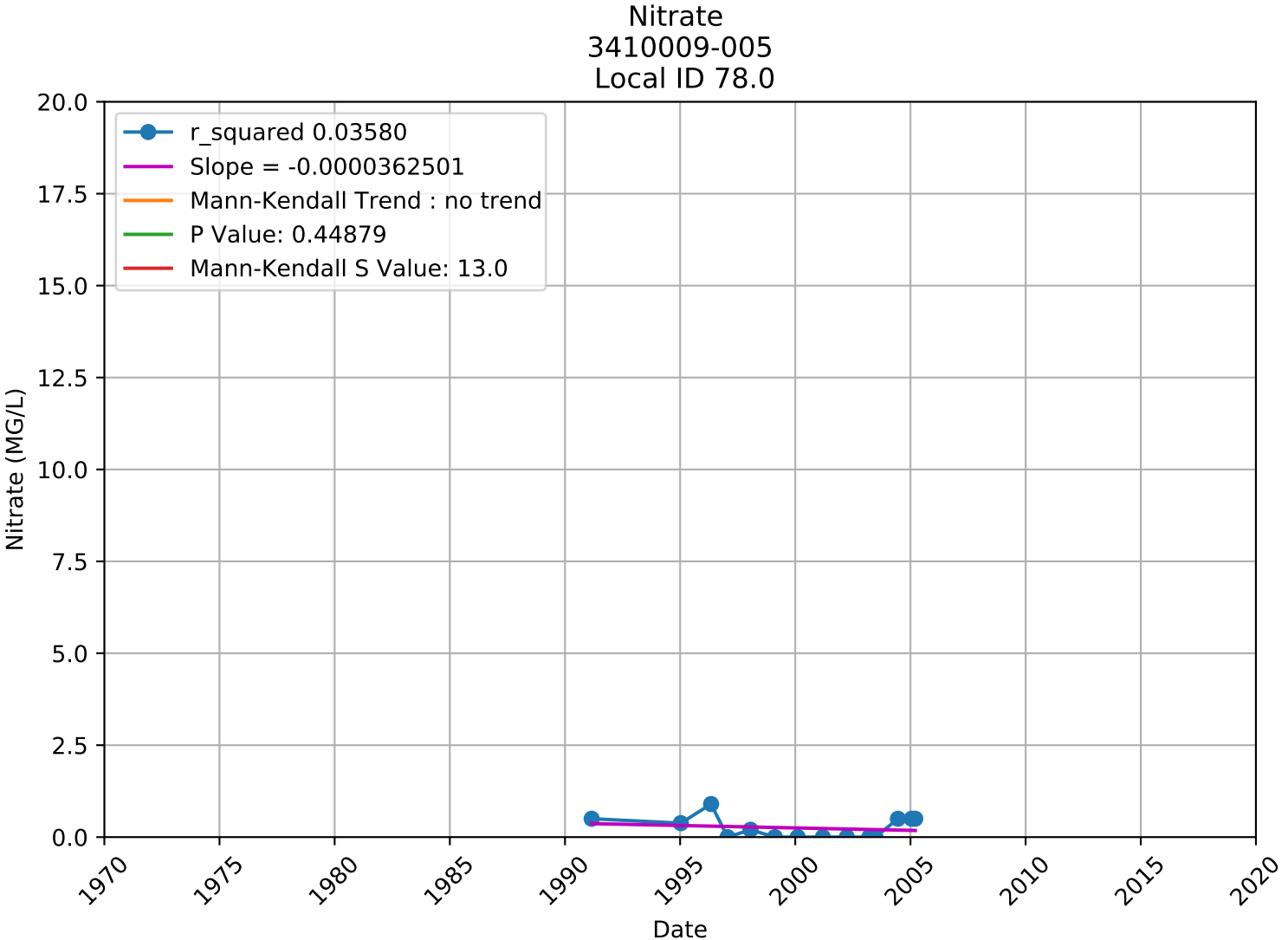

Nitrate
3410007-007
Local ID 195.0
r_squared 0.16017
Slope = 0.0001581004
Mann-Kendall Trend : no trend
P Value: 0.06805
Mann-Kendall S Value: 70.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
1975
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2020

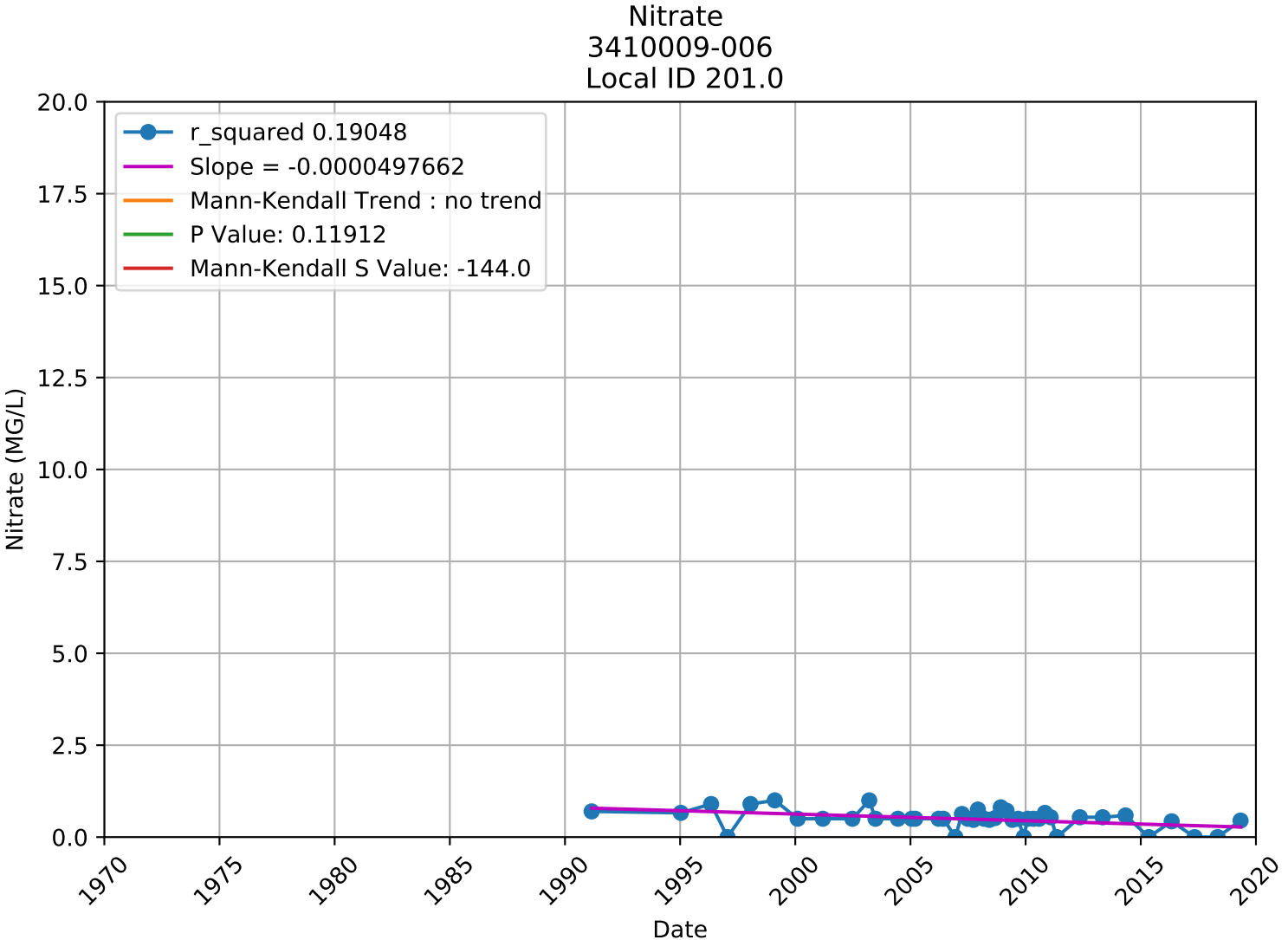

Nitrate
3410007-008
Local ID 253.0
r_squared 0.42499
Slope = 0.0001066228
Mann-Kendall Trend : no trend
P Value: 0.07967
Mann-Kendall S Value: 76.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
1975
1980
1985
1990
1995
2000
2005
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2015
2020

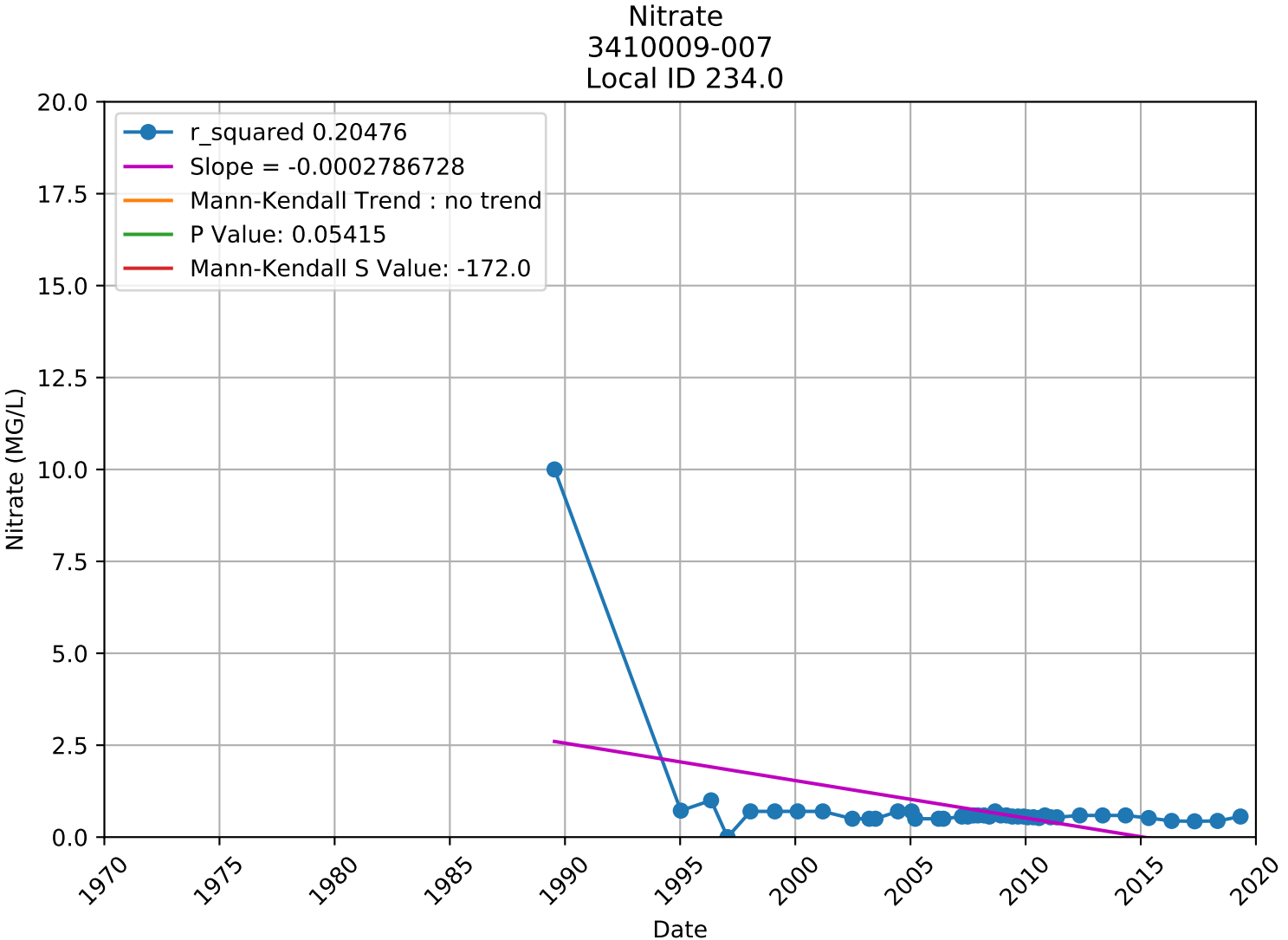

Nitrate
3410009-001
Local ID 166.0
r_squared 0.32175
Slope = -0.0000639849
Mann-Kendall Trend : no trend
P Value: 0.43575
Mann-Kendall S Value: -8.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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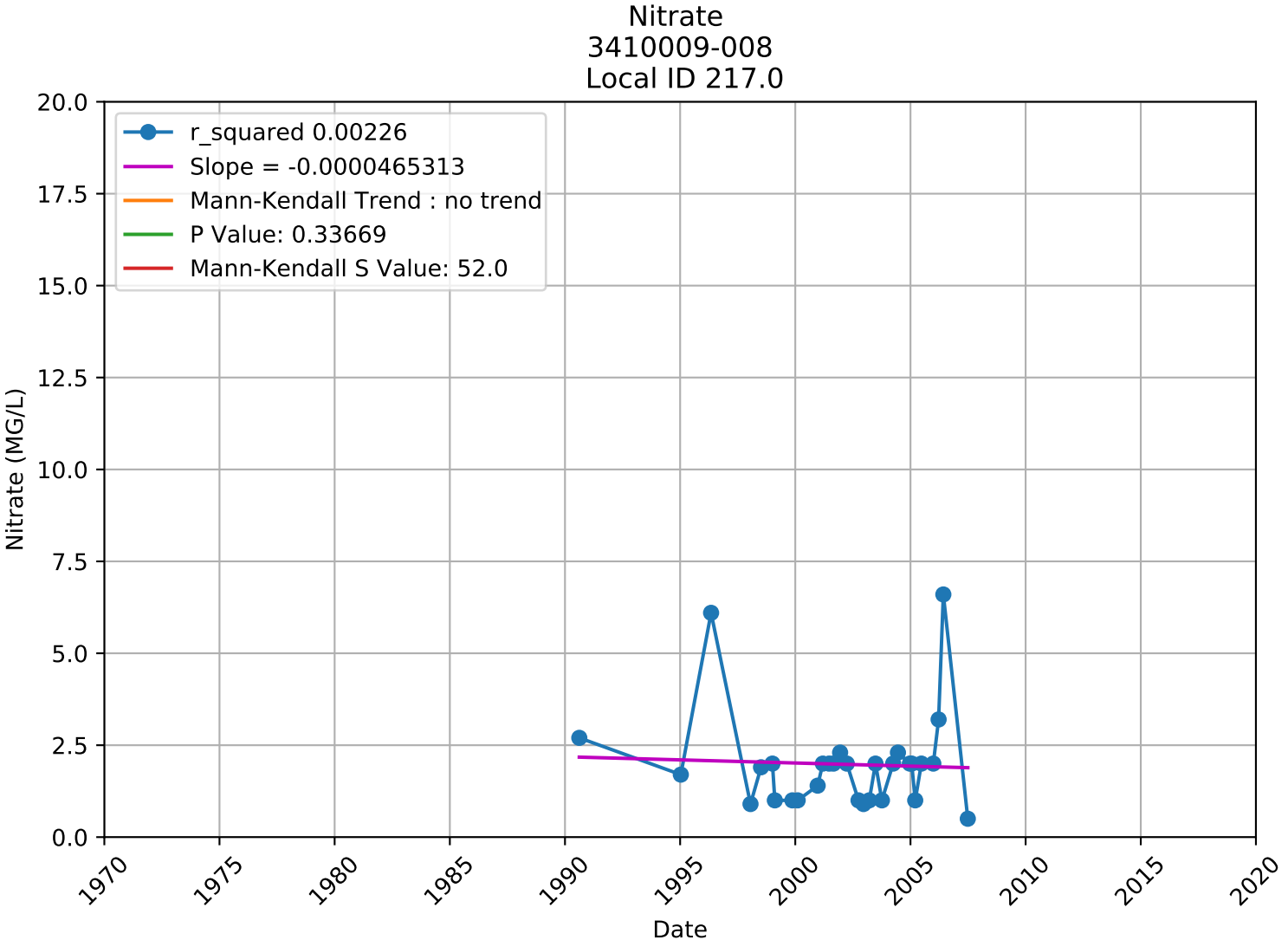

Nitrate
3410009-003
Local ID 100.0
r_squared 0.00169
Slope = 0.0000105123
Mann-Kendall Trend : no trend
P Value: 0.70711
Mann-Kendall S Value: 3.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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2.5
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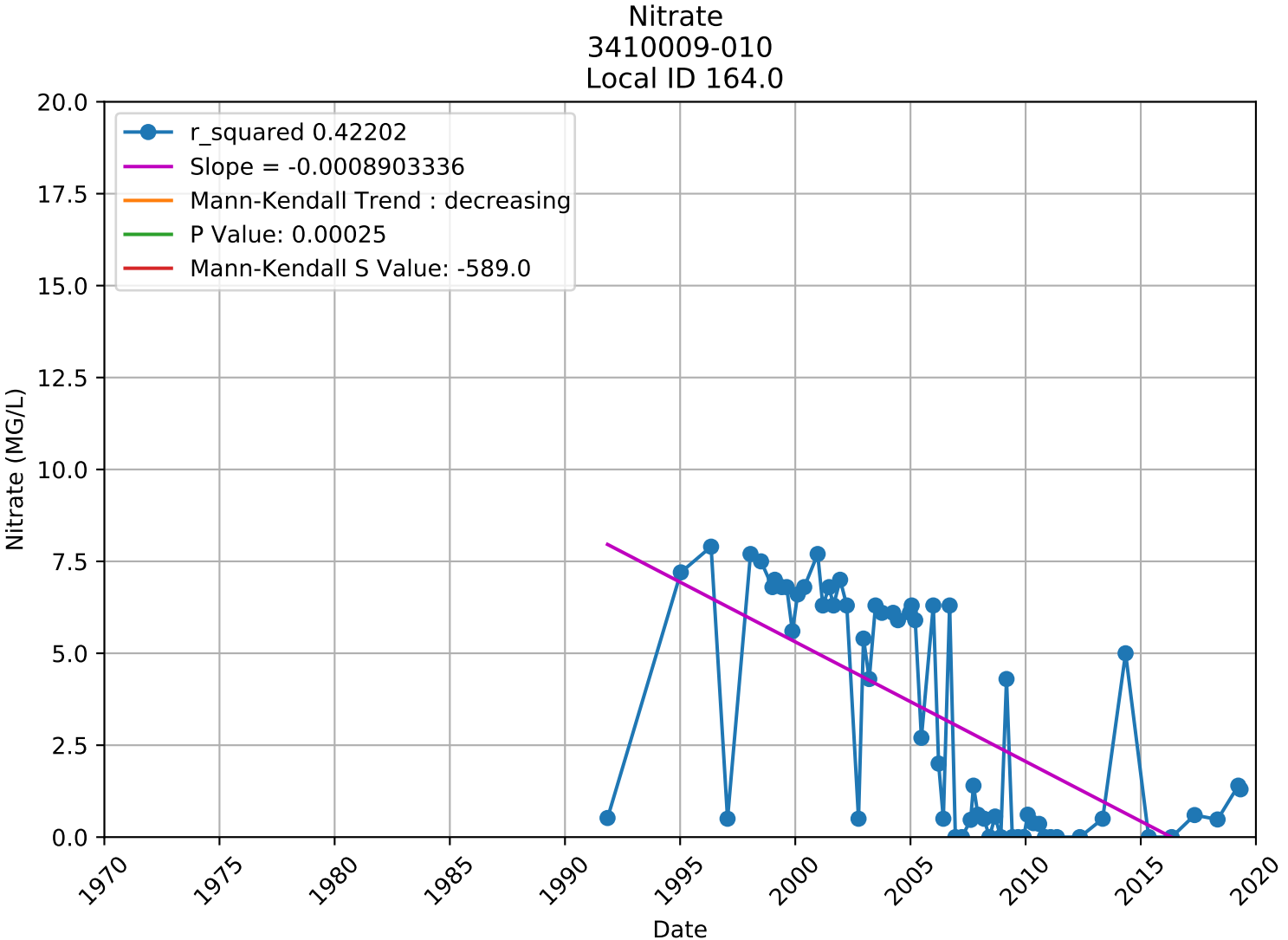

Nitrate
3410009-004
Local ID 105.0
r_squared 0.47734
Slope = 0.0004014022
Mann-Kendall Trend : increasing
P Value: 0.00891
Mann-Kendall S Value: 81.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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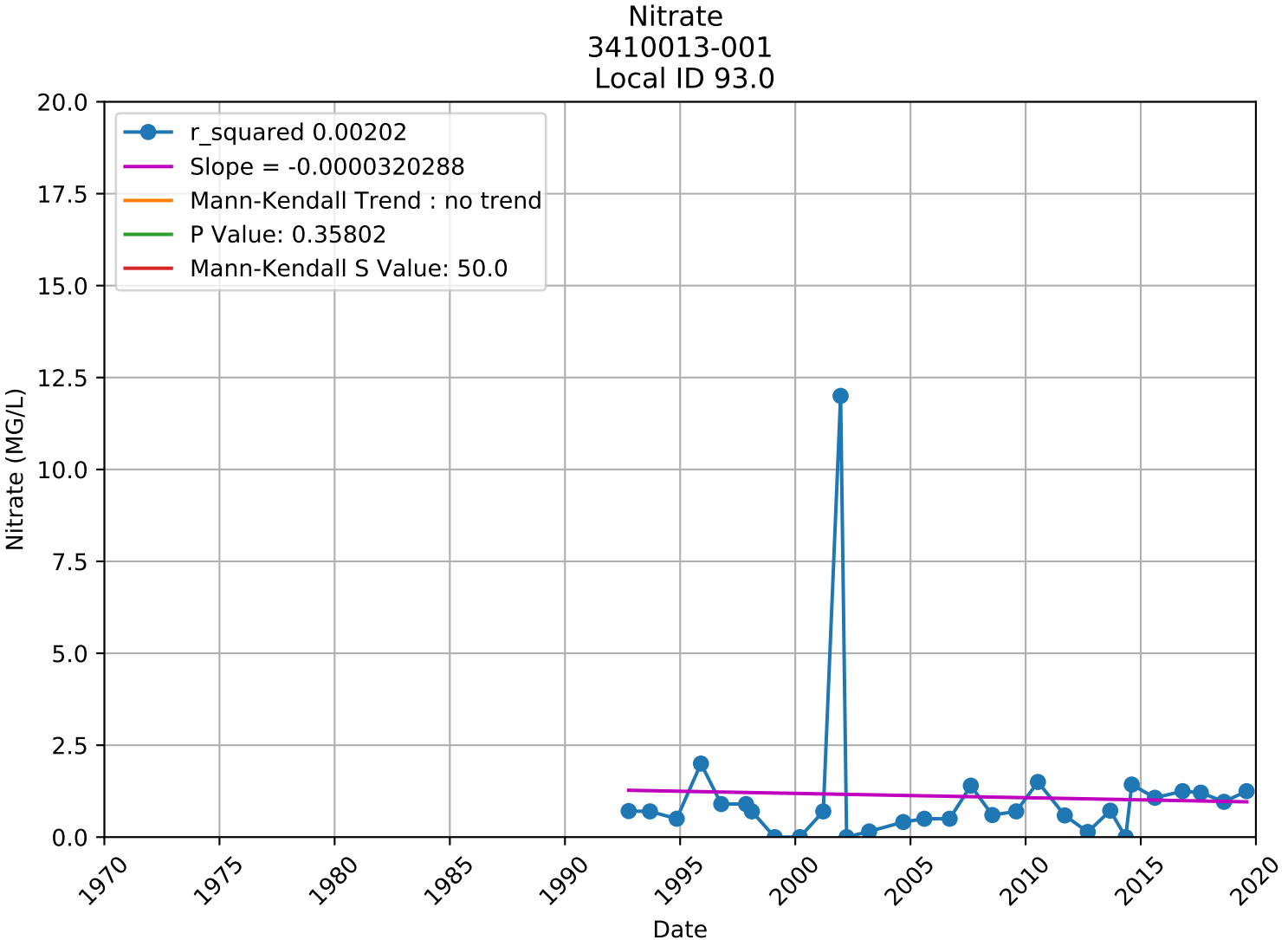

Nitrate
3410009-005
Local ID 78.0
r_squared 0.03580
Slope = -0.0000362501
Mann-Kendall Trend : no trend
P Value: 0.44879
Mann-Kendall S Value: 13.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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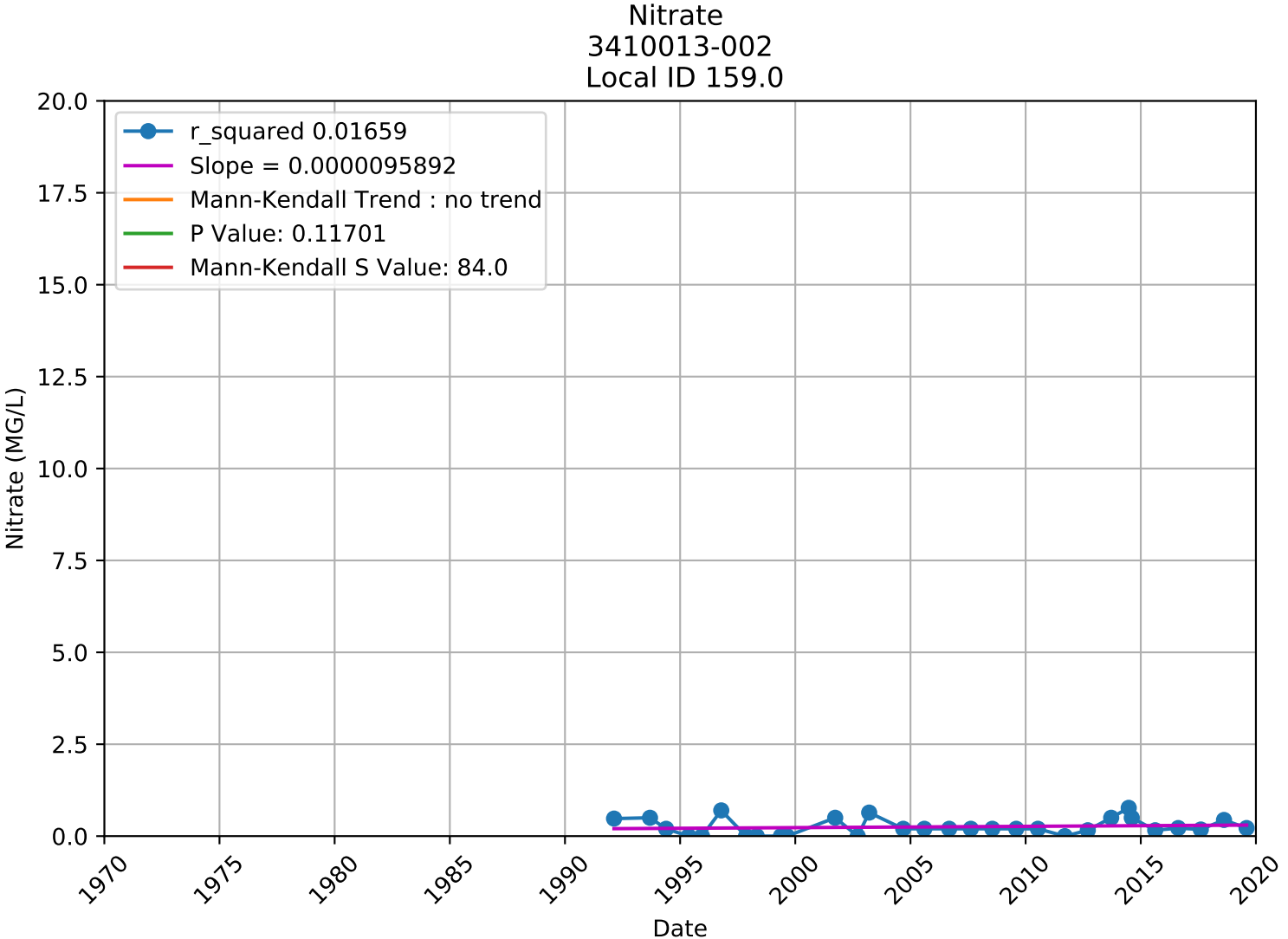

Nitrate
3410009-006
Local ID 201.0
r_squared 0.19048
Slope = -0.0000497662
Mann-Kendall Trend : no trend
P Value: 0.11912
Mann-Kendall S Value: -144.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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2.5
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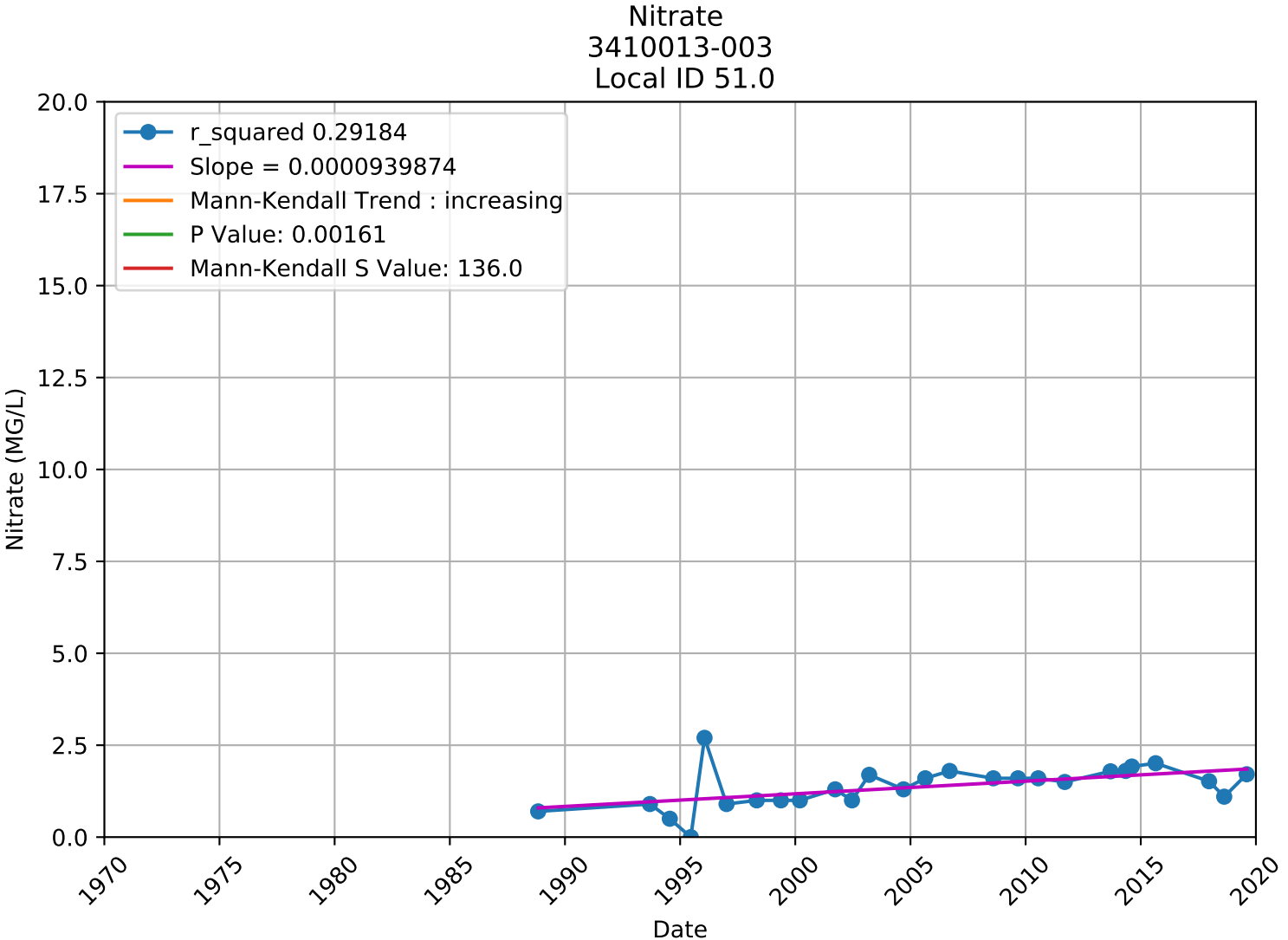

Nitrate
3410009-007
Local ID 234.0
r_squared 0.20476
Slope = -0.0002786728
Mann-Kendall Trend : no trend
P Value: 0.05415
Mann-Kendall S Value: -172.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
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5.0
2.5
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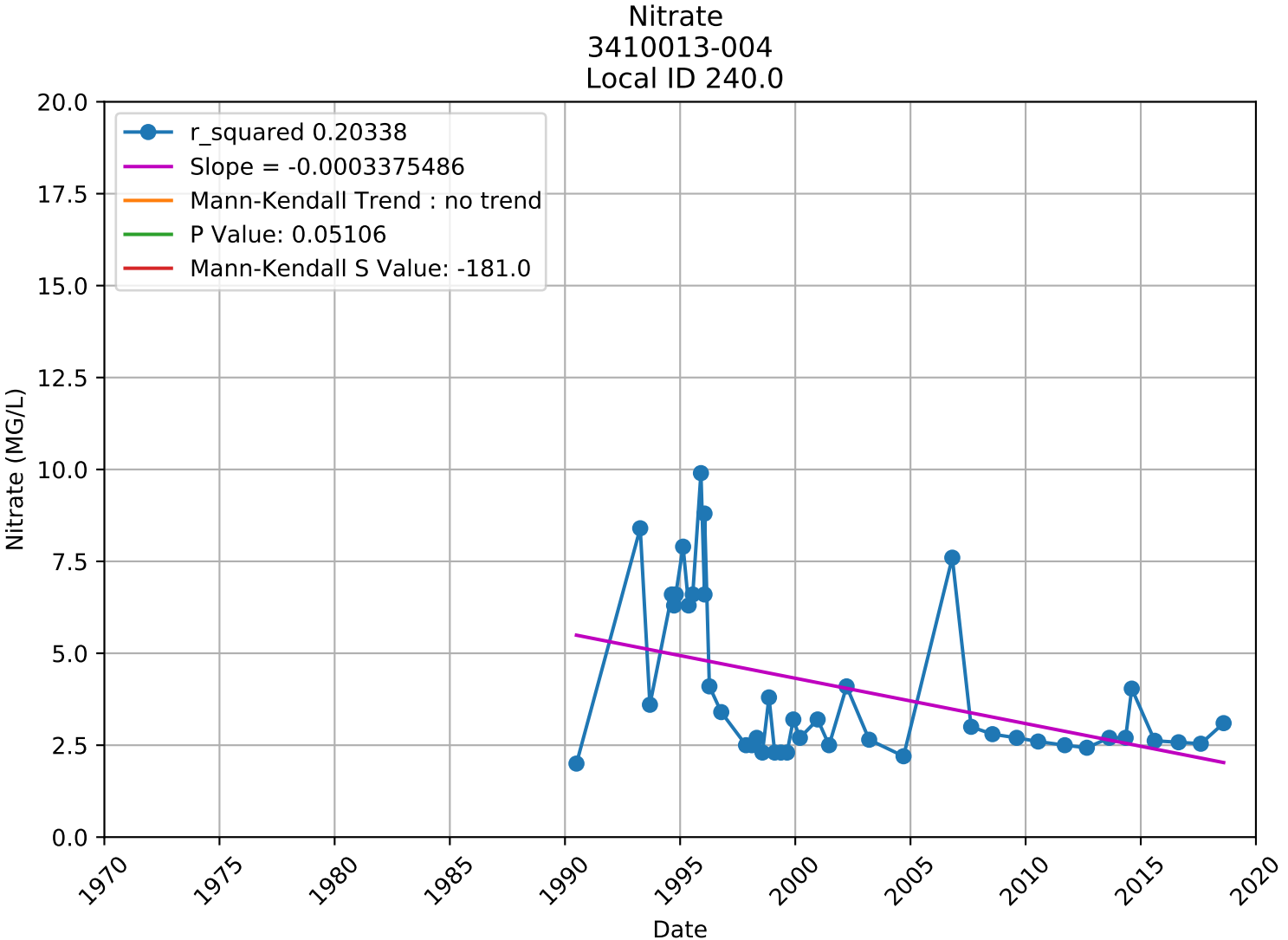

Nitrate
3410009-008
Local ID 217.0
r_squared 0.00226
Slope = -0.0000465313
Mann-Kendall Trend : no trend
P Value: 0.33669
Mann-Kendall S Value: 52.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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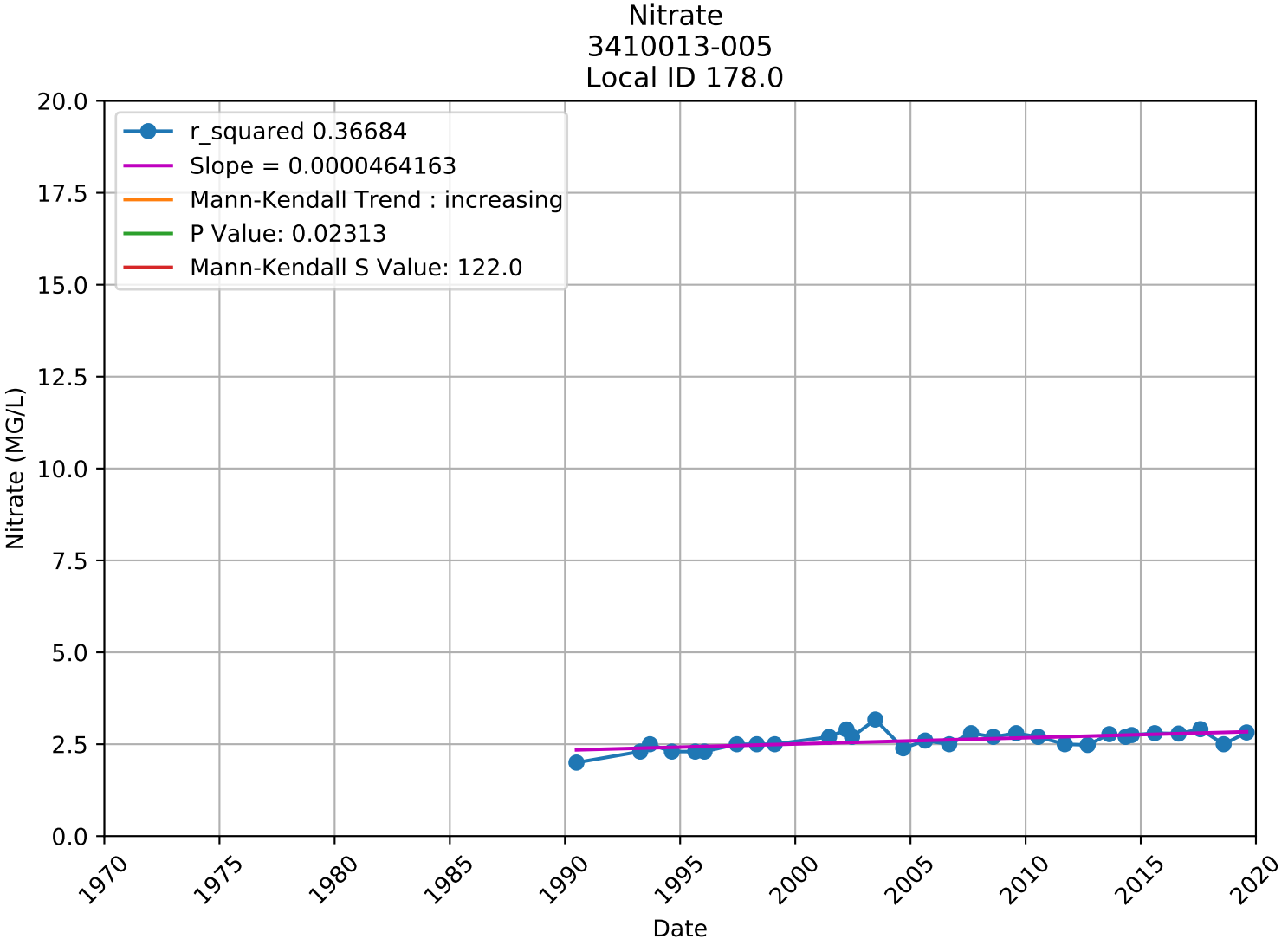

Nitrate
3410009-010
Local ID 164.0
r_squared 0.42202
Slope = -0.0008903336
Mann-Kendall Trend : decreasing
P Value: 0.00025
Mann-Kendall S Value: -589.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
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1970
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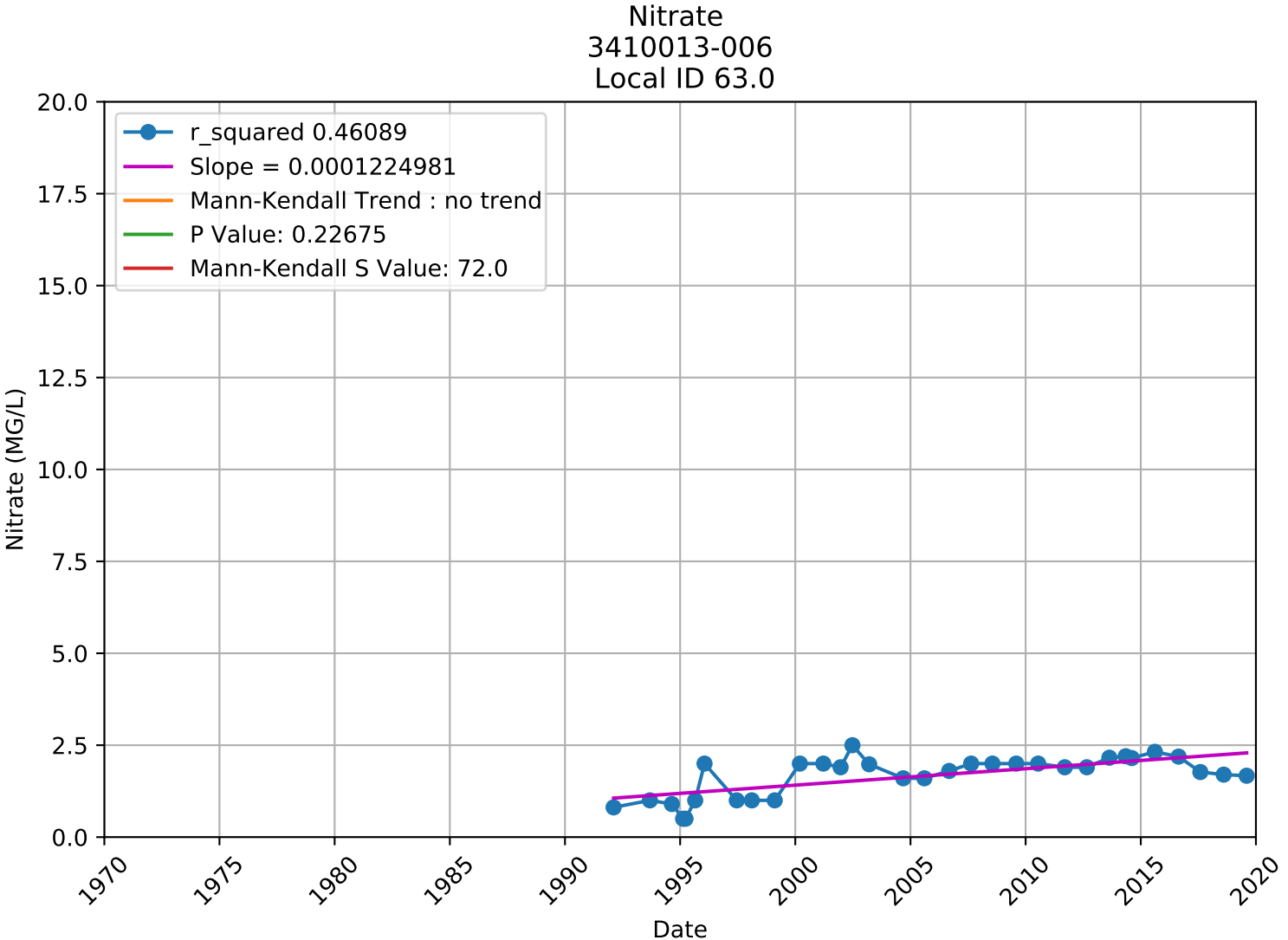

Nitrate
3410013-001
Local ID 93.0
r_squared 0.00202
Slope = -0.0000320288
Mann-Kendall Trend : no trend
P Value: 0.35802
Mann-Kendall S Value: 50.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
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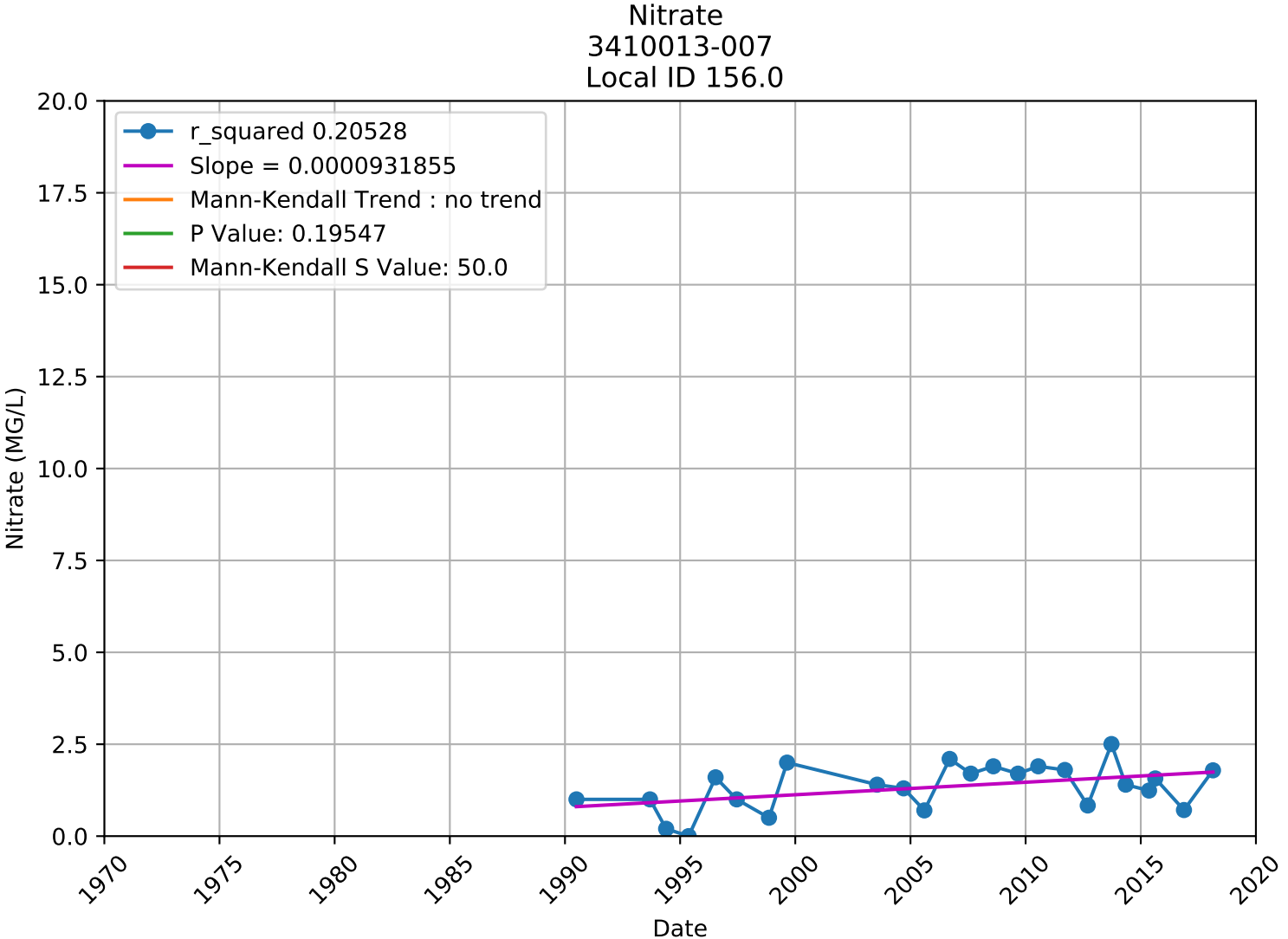

Nitrate
3410013-002
Local ID 159.0
r_squared 0.01659
Slope = 0.0000095892
Mann-Kendall Trend : no trend
P Value: 0.11701
Mann-Kendall S Value: 84.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
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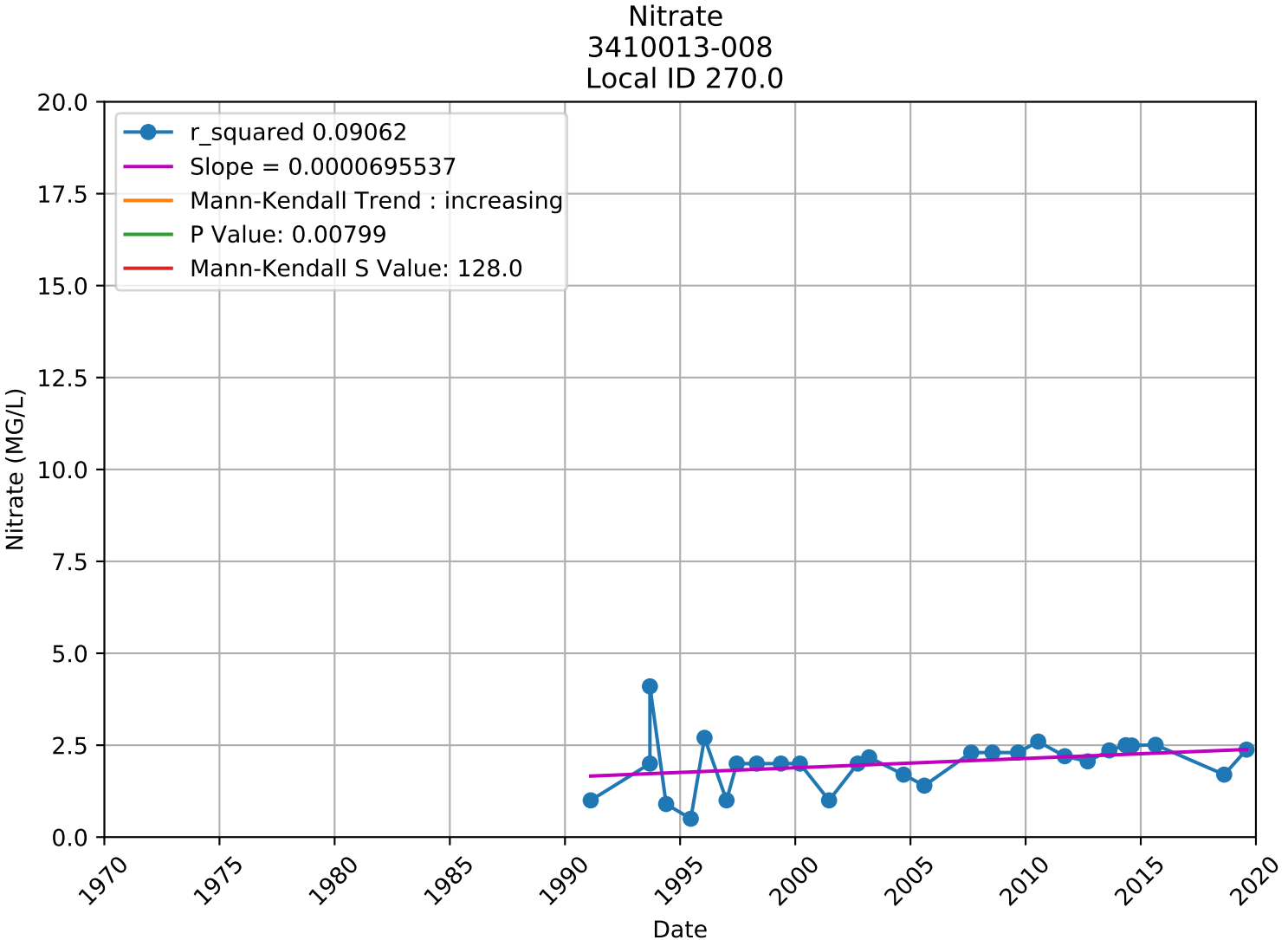

Nitrate
3410013-003
Local ID 51.0
r_squared 0.29184
Slope = 0.0000939874
Mann-Kendall Trend : increasing
P Value: 0.00161
Mann-Kendall S Value: 136.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
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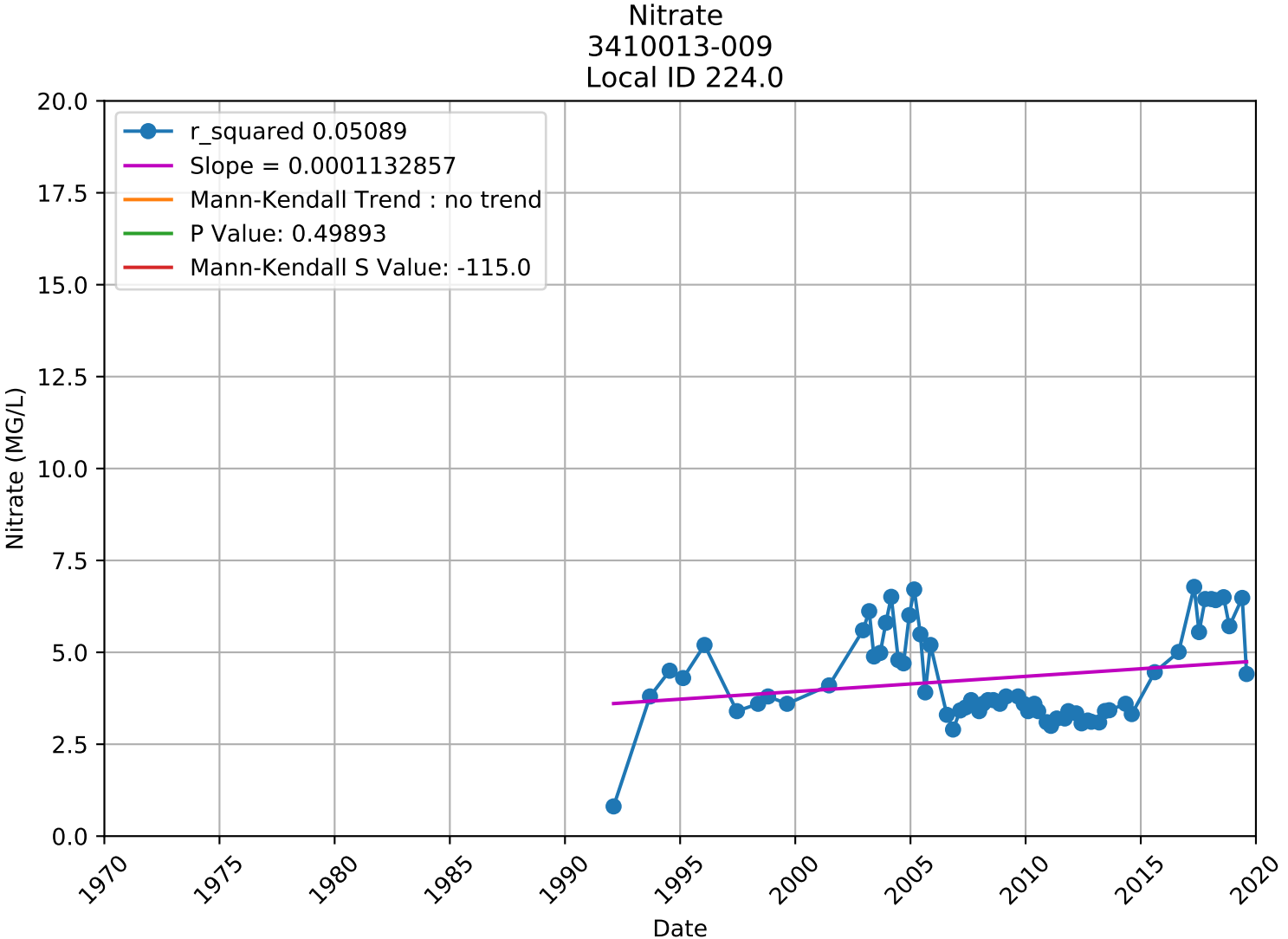

Nitrate
3410013-004
Local ID 240.0
r_squared 0.20338
Slope = -0.0003375486
Mann-Kendall Trend : no trend
P Value: 0.05106
Mann-Kendall S Value: -181.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
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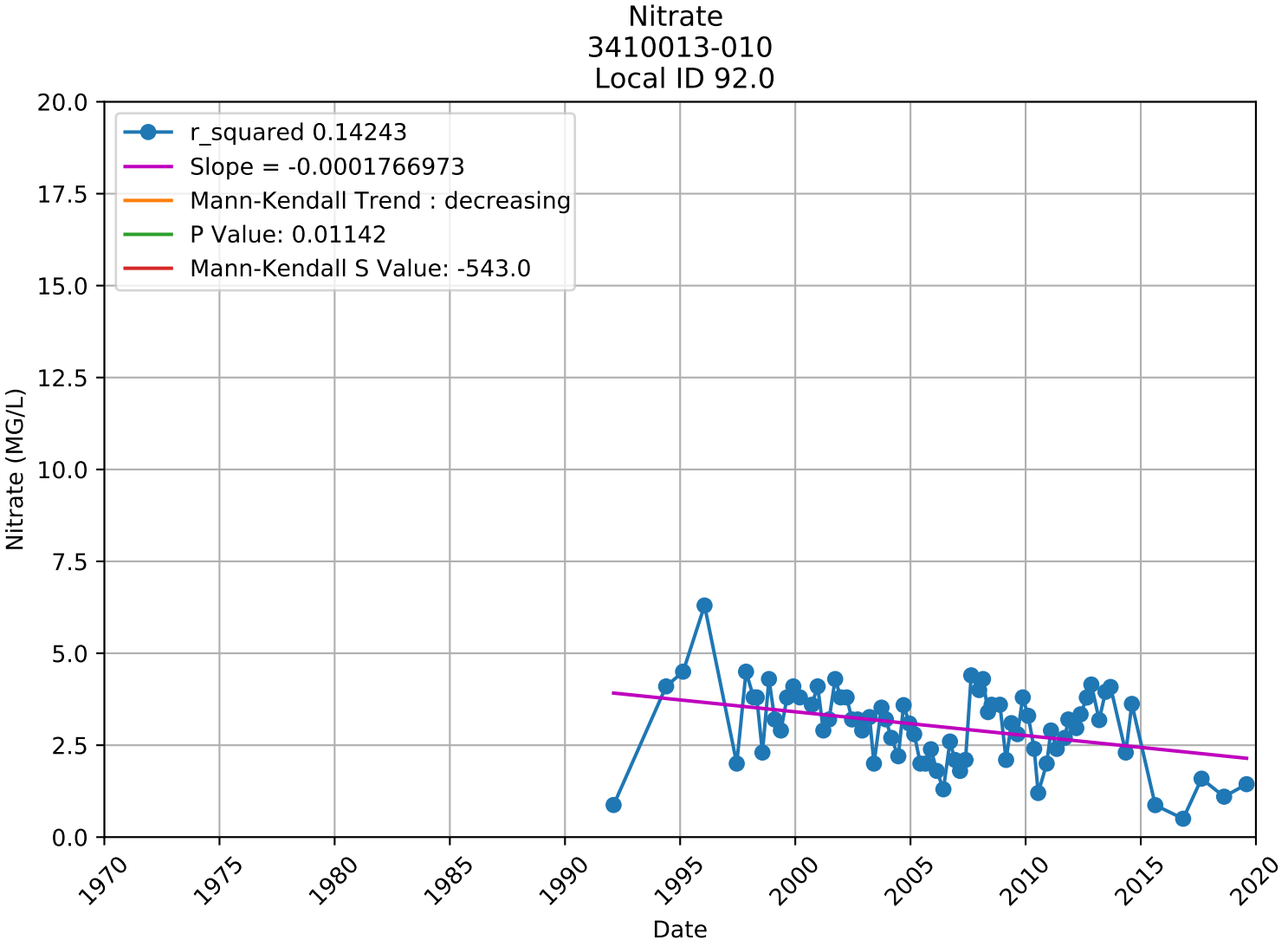

Nitrate
3410013-005
Local ID 178.0
r_squared 0.36684
Slope = 0.0000464163
Mann-Kendall Trend : increasing
P Value: 0.02313
Mann-Kendall S Value: 122.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
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5.0
2.5
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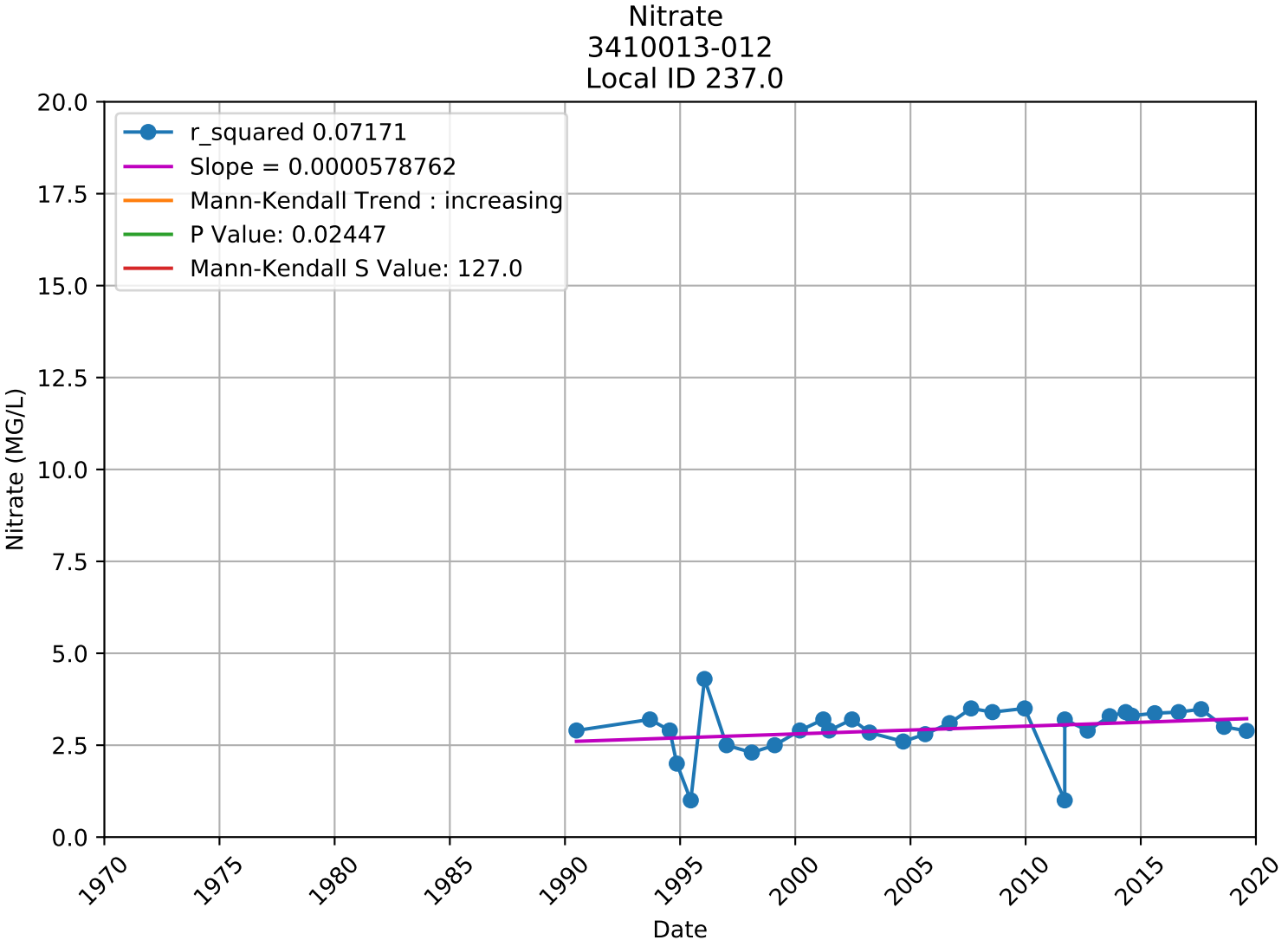

Nitrate
3410013-006
Local ID 63.0
r_squared 0.46089
Slope = 0.0001224981
Mann-Kendall Trend : no trend
P Value: 0.22675
Mann-Kendall S Value: 72.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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5.0
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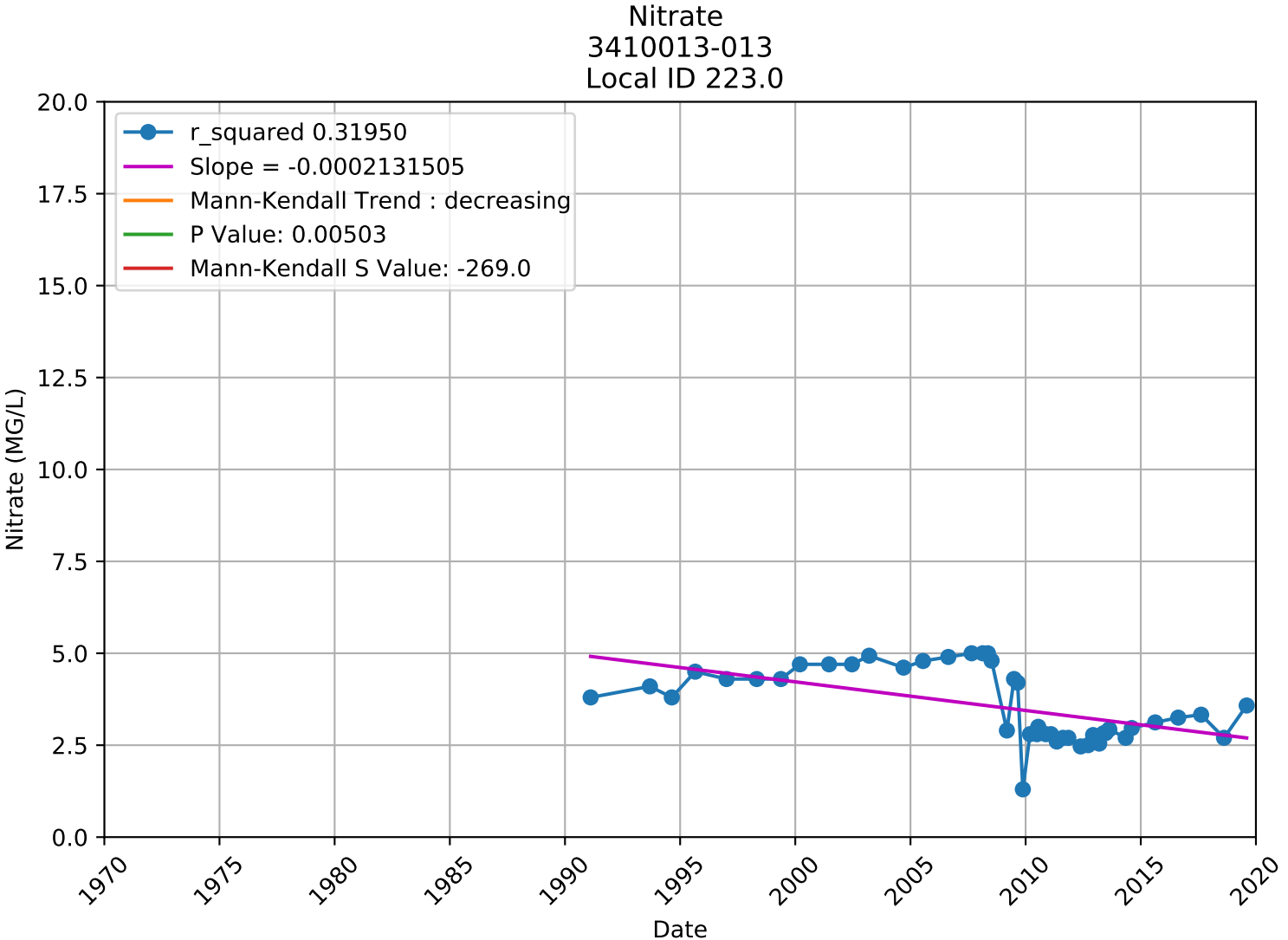

Nitrate
3410013-007
Local ID 156.0
r_squared 0.20528
Slope = 0.0000931855
Mann-Kendall Trend : no trend
P Value: 0.19547
Mann-Kendall S Value: 50.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
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2.5
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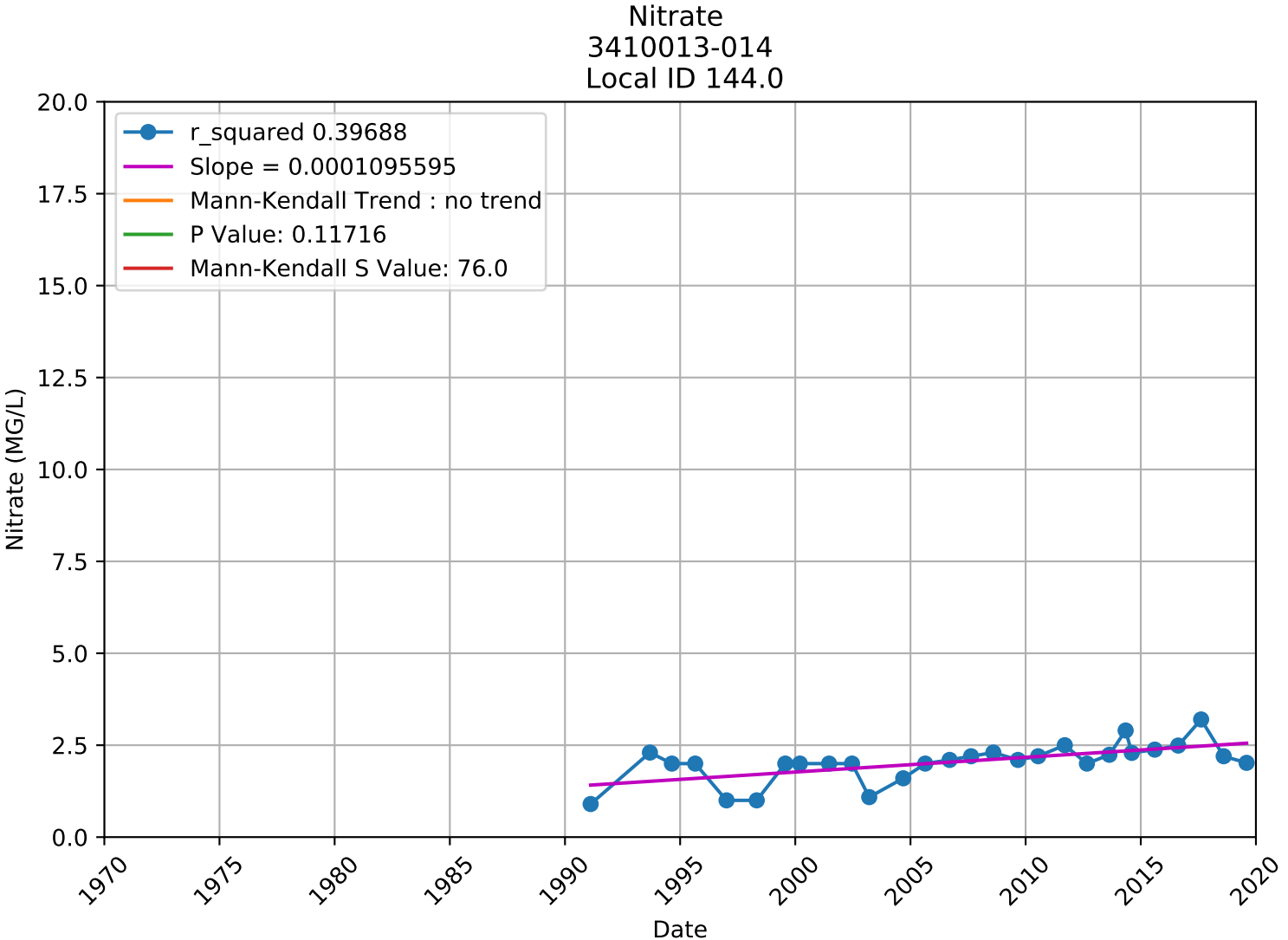

Nitrate
3410013-008
Local ID 270.0
r_squared 0.09062
Slope = 0.0000695537
Mann-Kendall Trend : increasing
P Value: 0.00799
Mann-Kendall S Value: 128.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
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5.0
2.5
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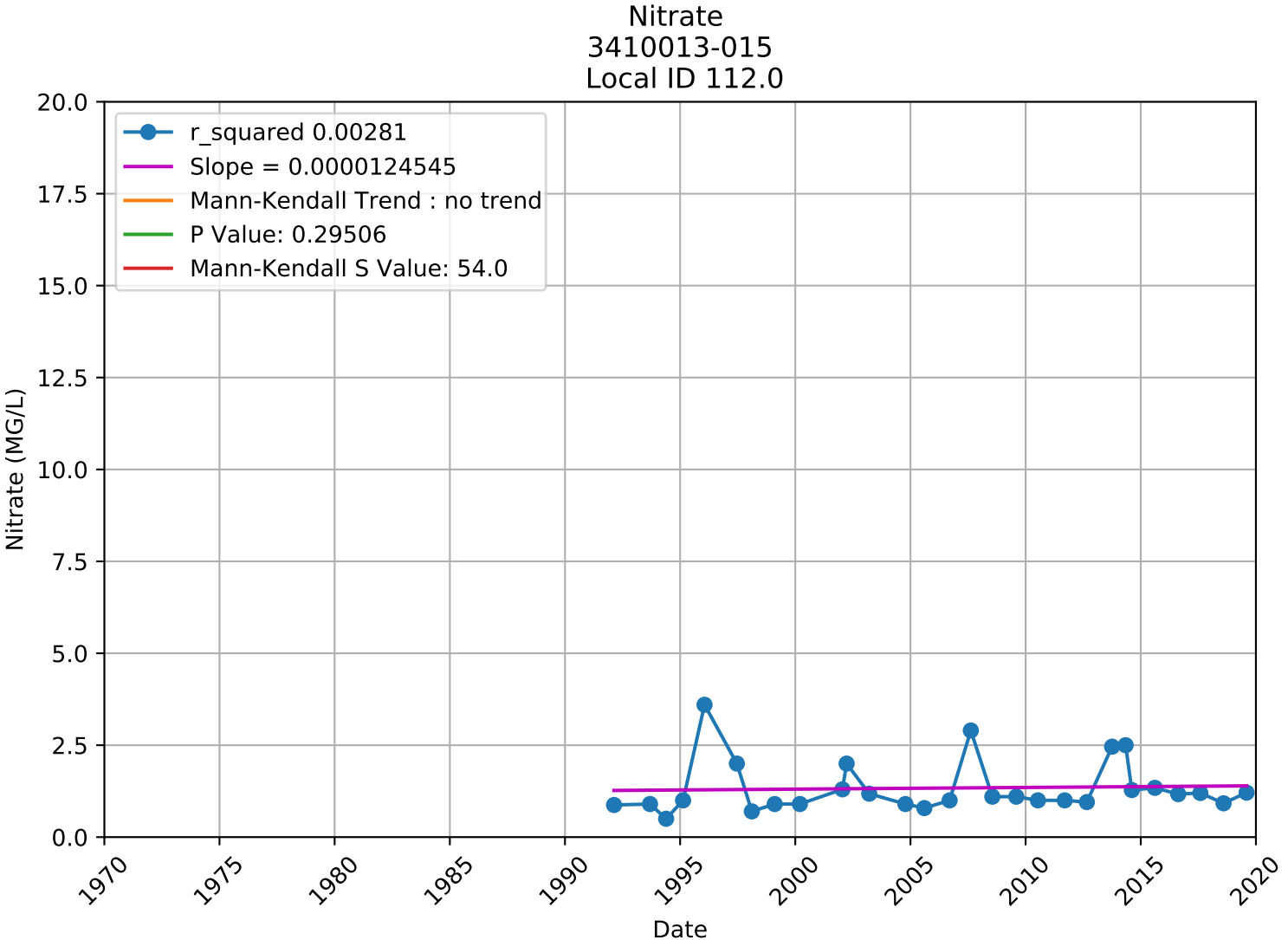

Nitrate
3410013-009
Local ID 224.0
r_squared 0.05089
Slope = 0.0001132857
Mann-Kendall Trend : no trend
P Value: 0.49893
Mann-Kendall S Value: -115.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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5.0
2.5
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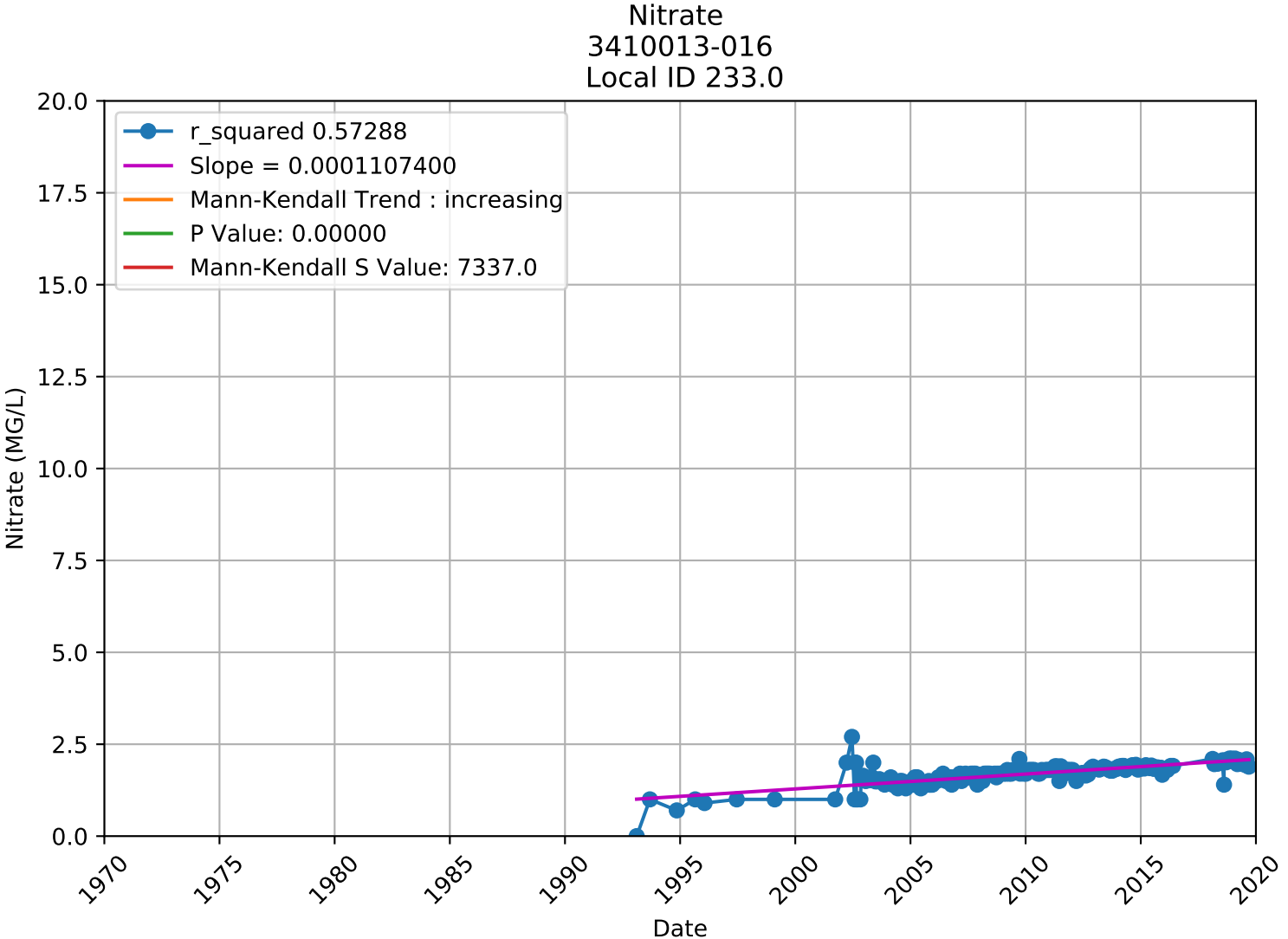

Nitrate
3410013-010
Local ID 92.0
r_squared 0.14243
Slope = -0.0001766973
Mann-Kendall Trend : decreasing
P Value: 0.01142
Mann-Kendall S Value: -543.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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2.5
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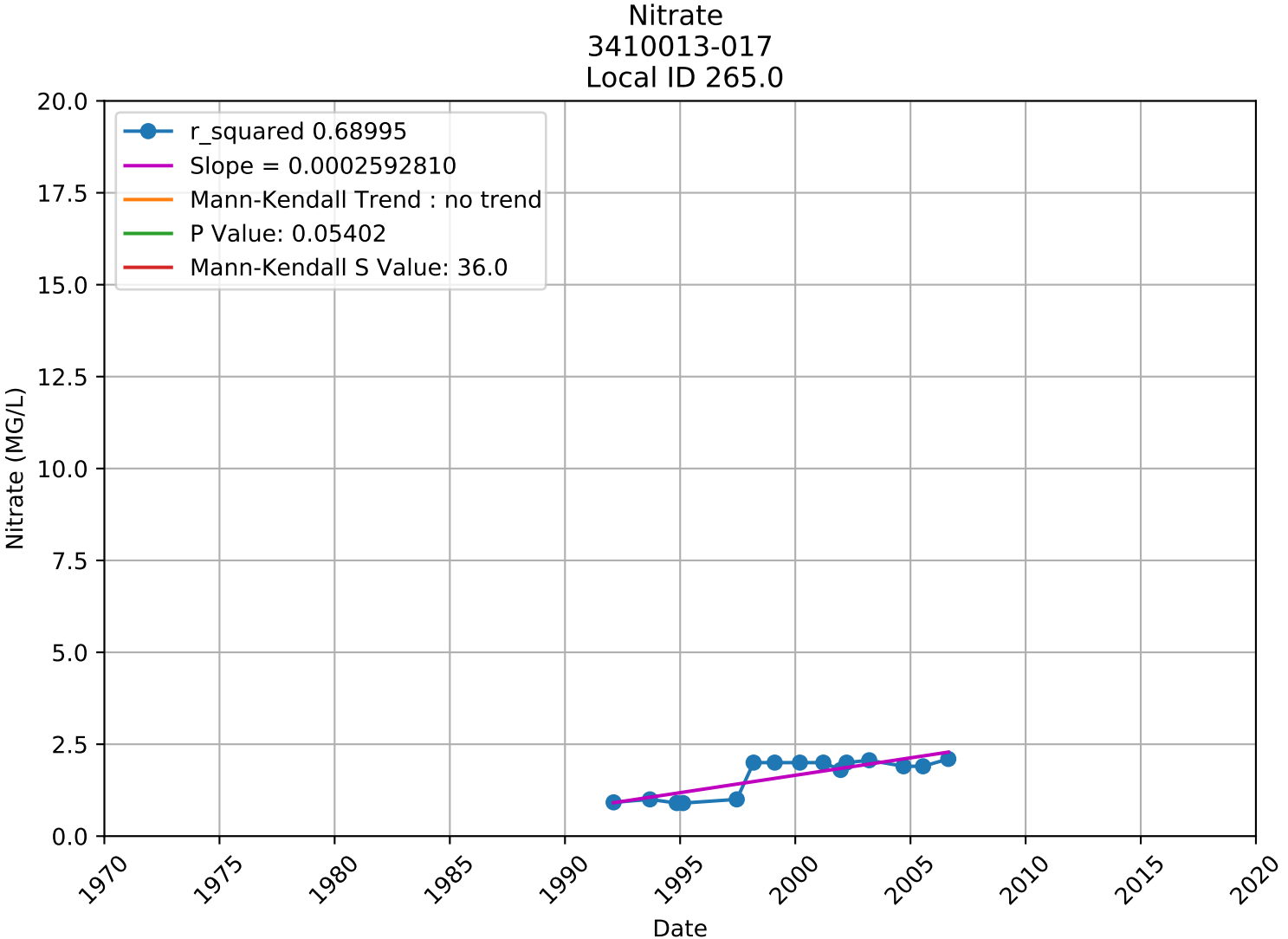

Nitrate
3410013-012
Local ID 237.0
r_squared 0.07171
Slope = 0.0000578762
Mann-Kendall Trend : increasing
P Value: 0.02447
Mann-Kendall S Value: 127.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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2.5
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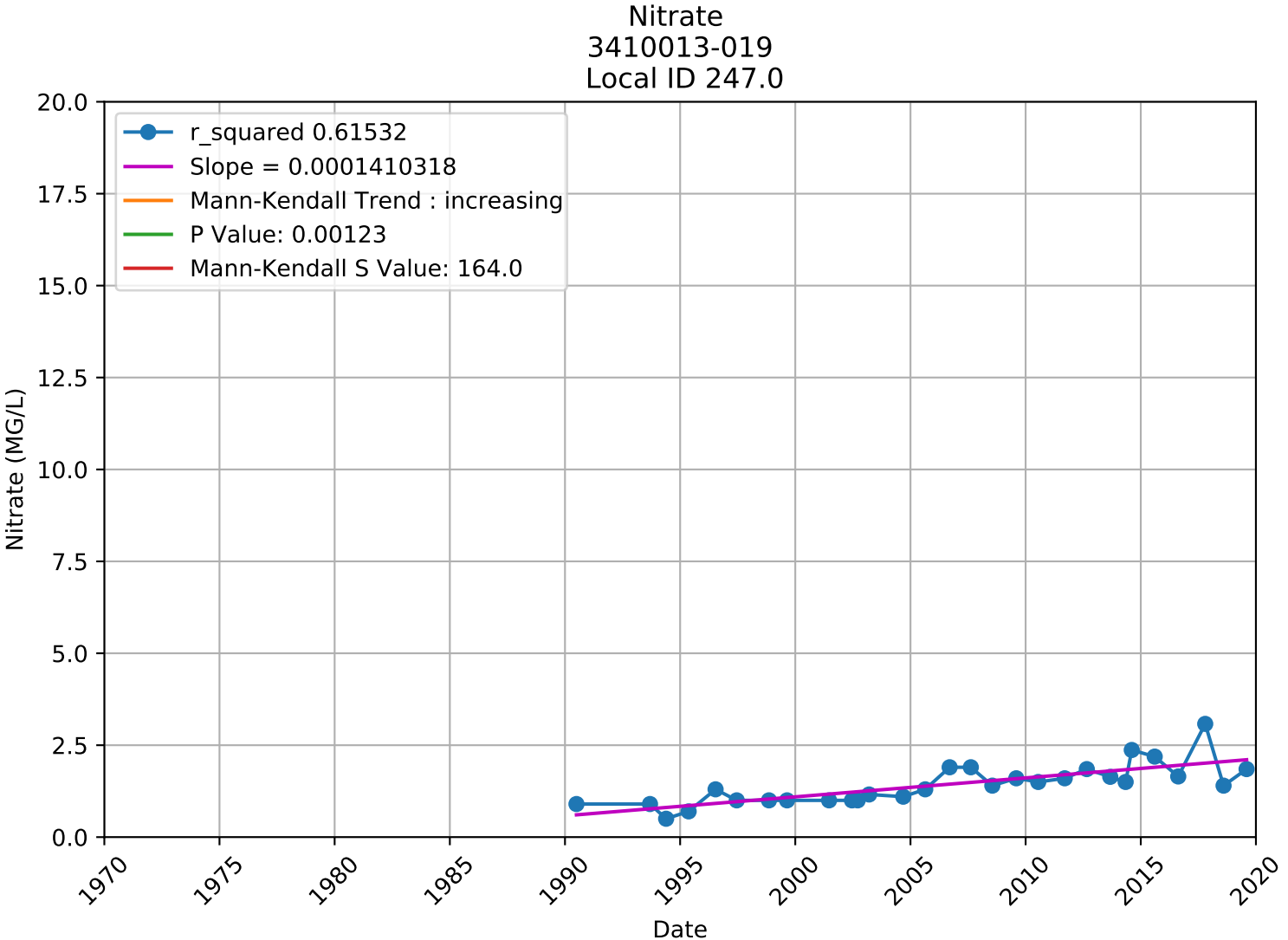

Nitrate
3410013-013
Local ID 223.0
r_squared 0.31950
Slope = -0.0002131505
Mann-Kendall Trend : decreasing
P Value: 0.00503
Mann-Kendall S Value: -269.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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5.0
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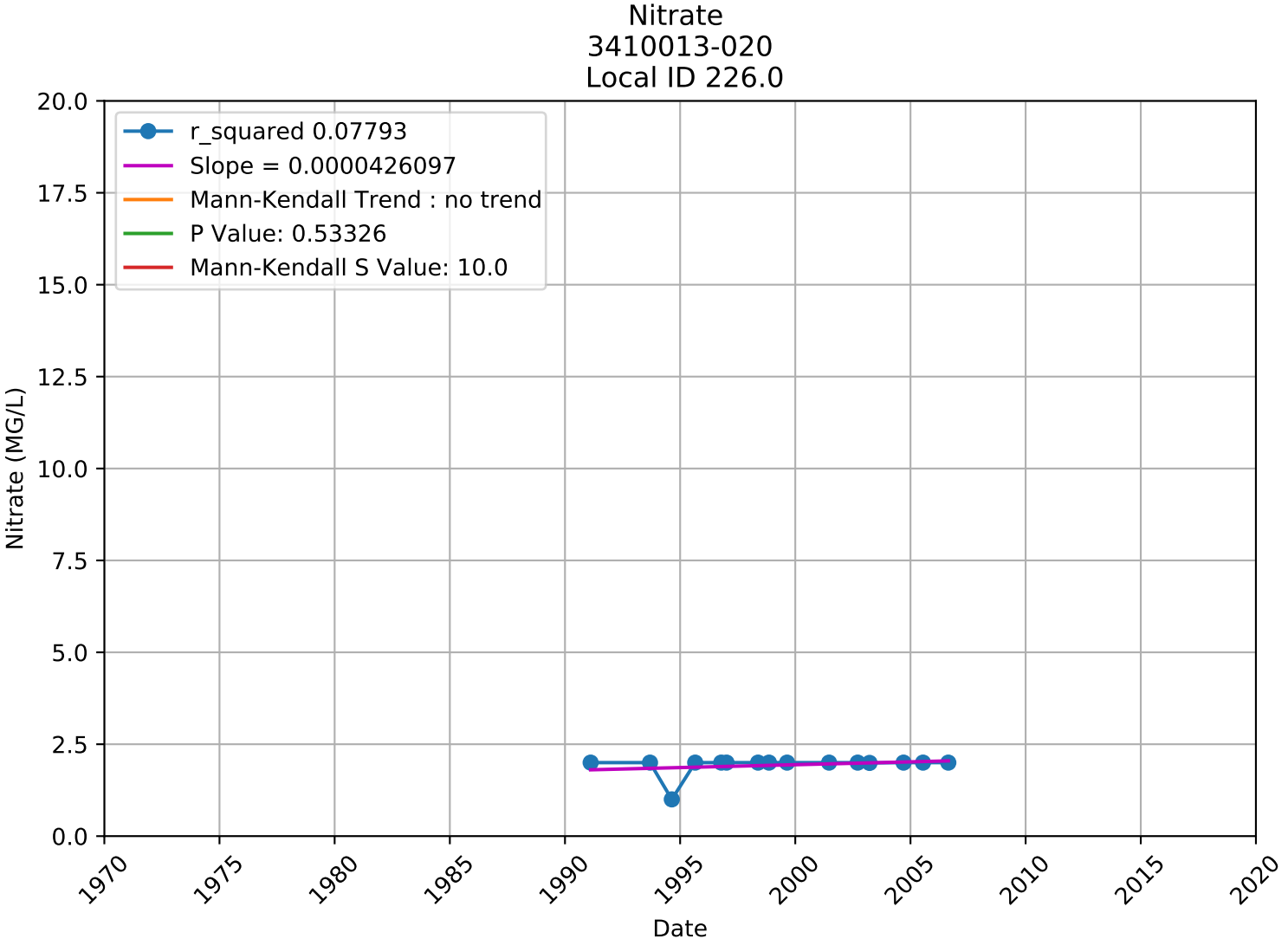

Nitrate
3410013-014
Local ID 144.0
r_squared 0.39688
Slope = 0.0001095595
Mann-Kendall Trend : no trend
P Value: 0.11716
Mann-Kendall S Value: 76.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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5.0
2.5
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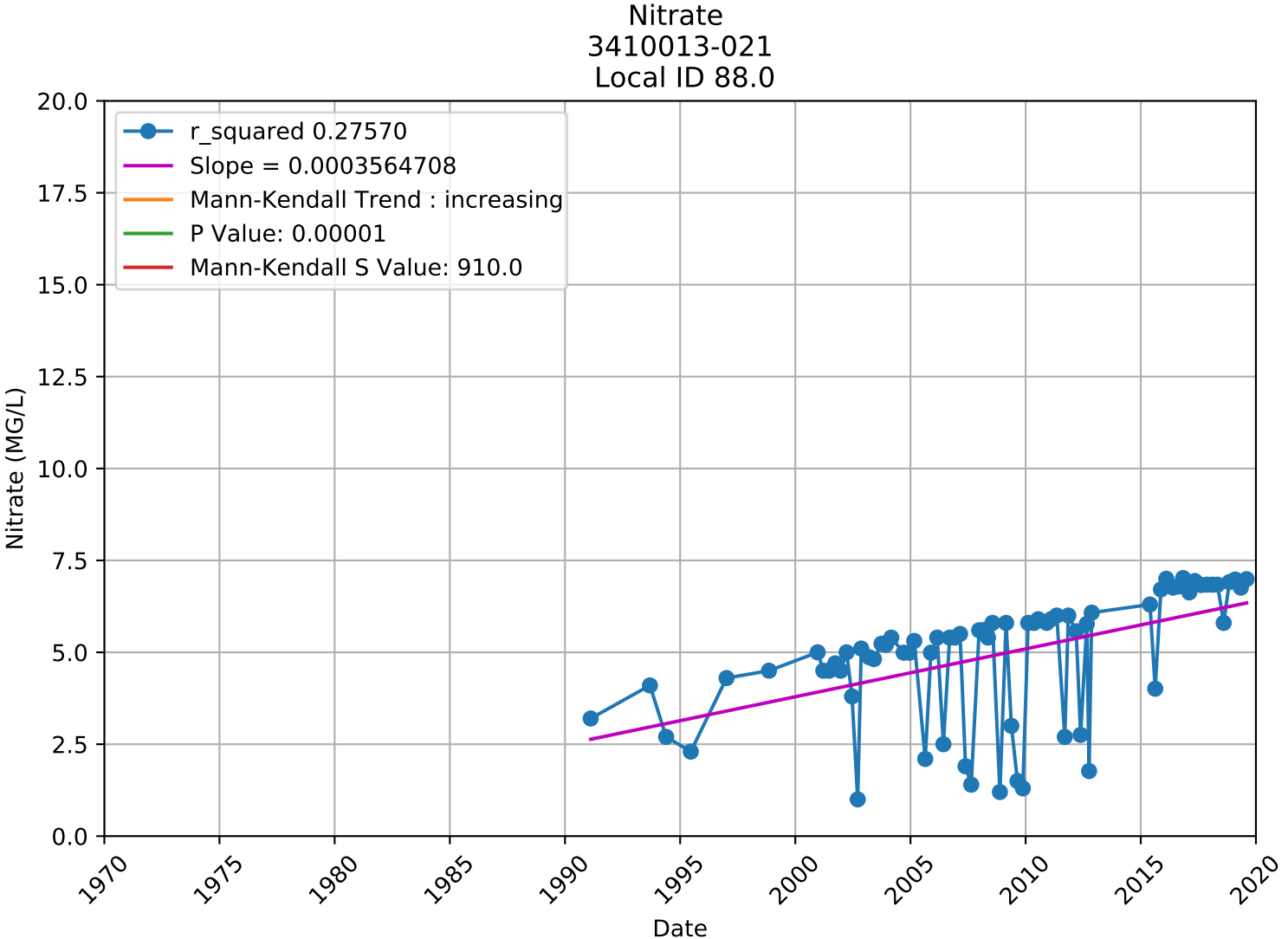

Nitrate
3410013-015
Local ID 112.0
r_squared 0.00281
Slope = 0.0000124545
Mann-Kendall Trend : no trend
P Value: 0.29506
Mann-Kendall S Value: 54.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
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5.0
2.5
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1970
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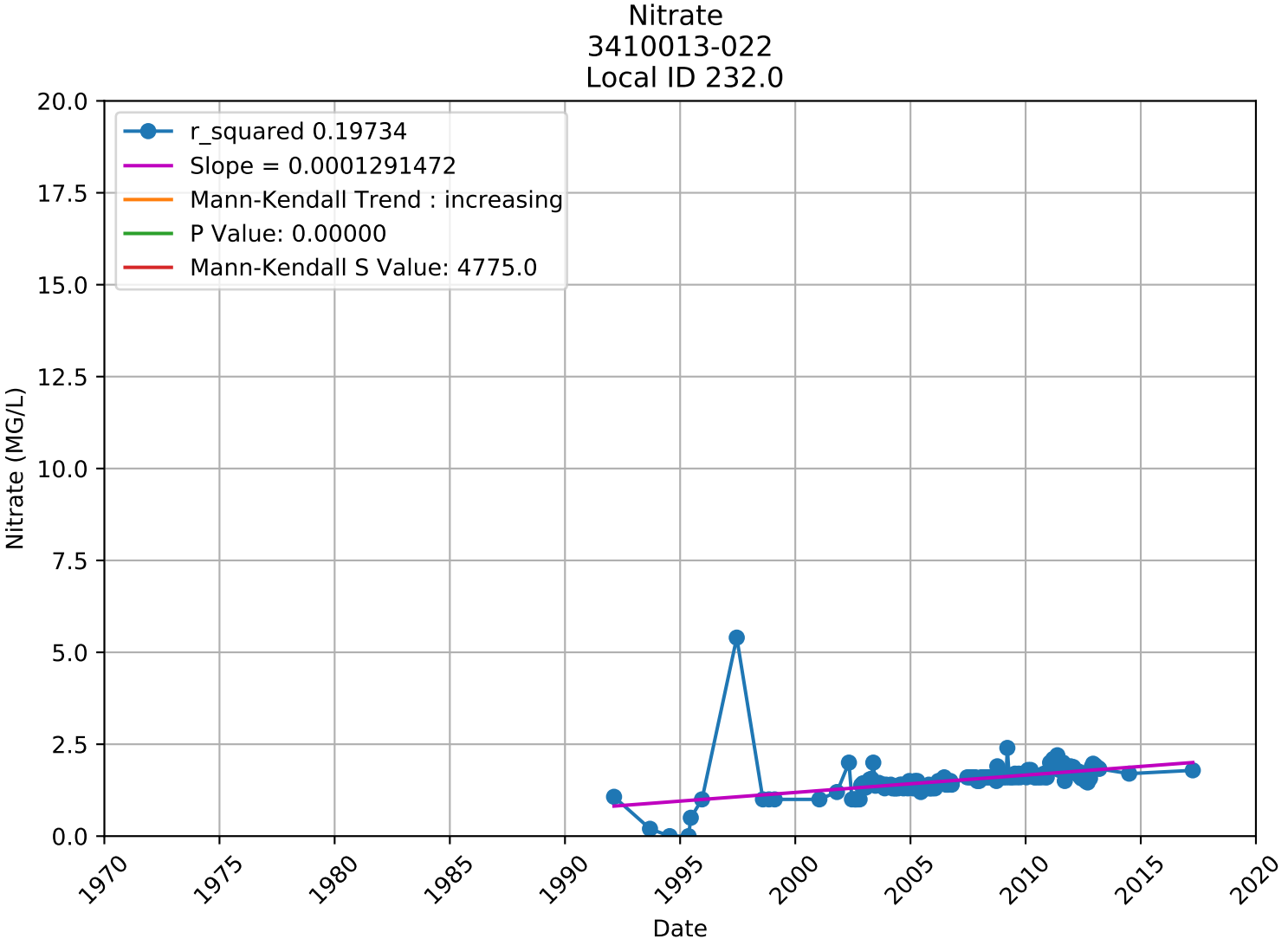

Nitrate
3410013-016
Local ID 233.0
r_squared 0.57288
Slope = 0.0001107400
Mann-Kendall Trend : increasing
P Value: 0.00000
Mann-Kendall S Value: 7337.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
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1970
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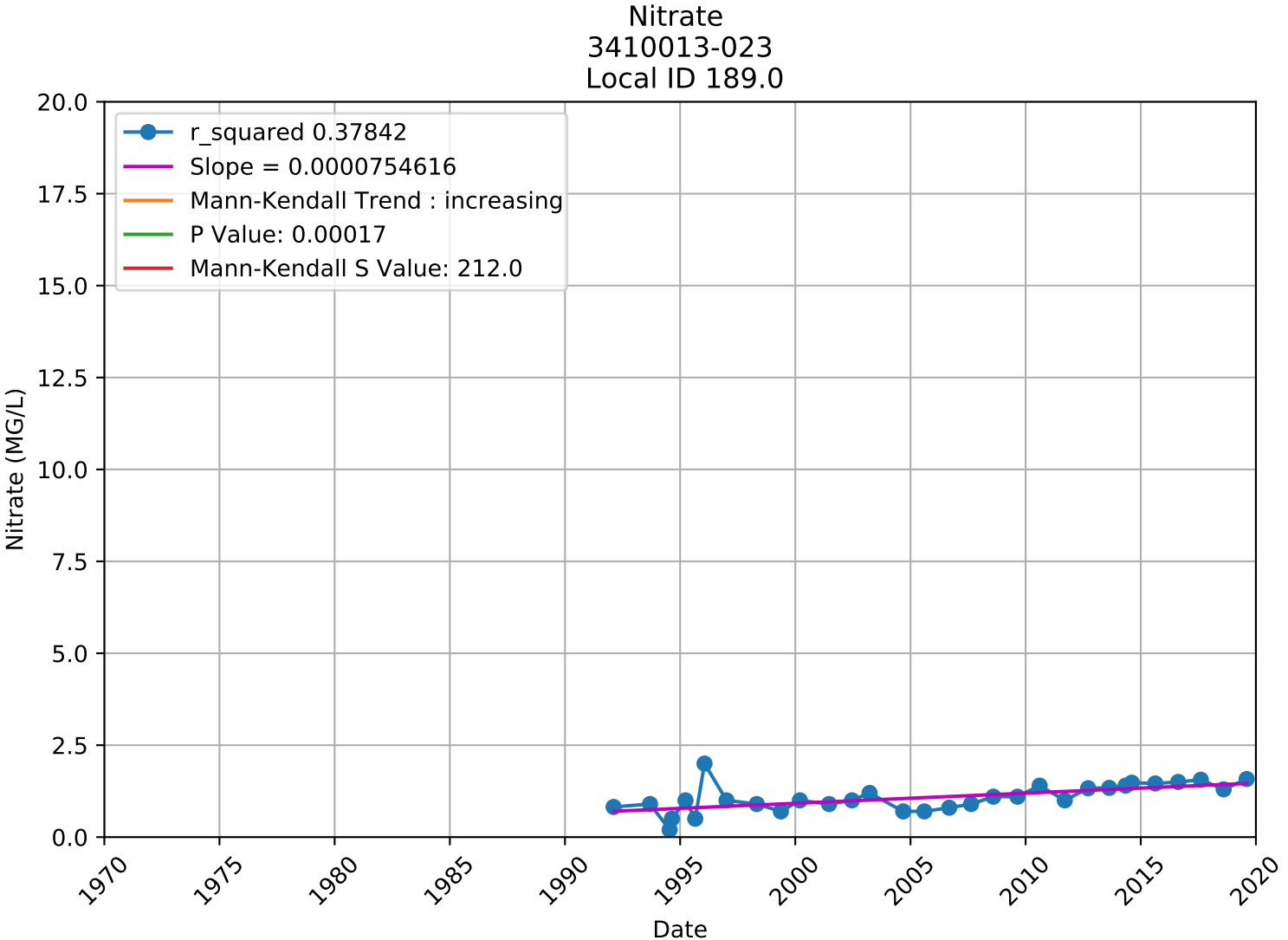

Nitrate
3410013-017
Local ID 265.0
r_squared 0.68995
Slope = 0.0002592810
Mann-Kendall Trend : no trend
P Value: 0.05402
Mann-Kendall S Value: 36.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
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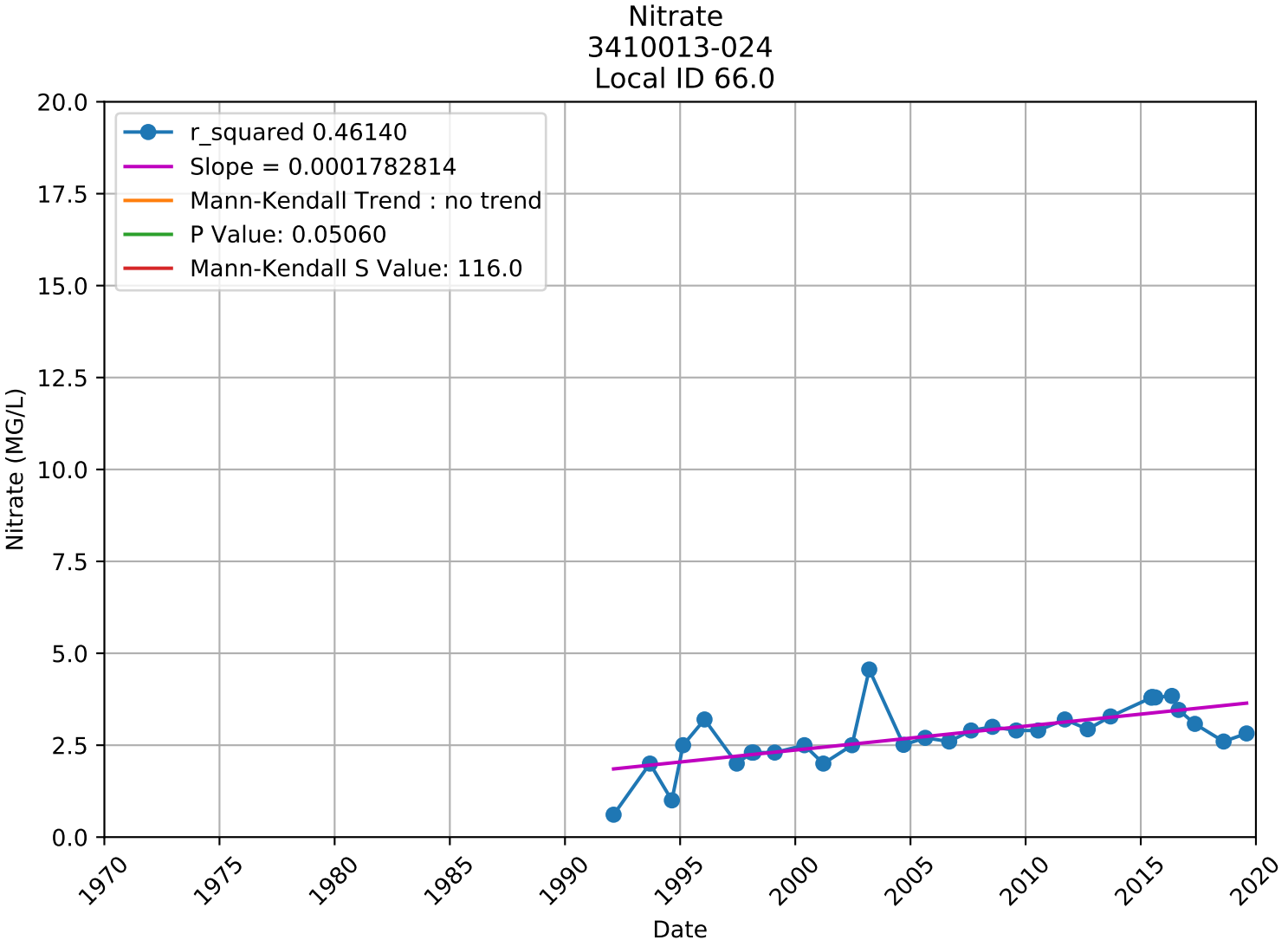

Nitrate
3410013-019
Local ID 247.0
r_squared 0.61532
Slope = 0.0001410318
Mann-Kendall Trend : increasing
P Value: 0.00123
Mann-Kendall S Value: 164.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
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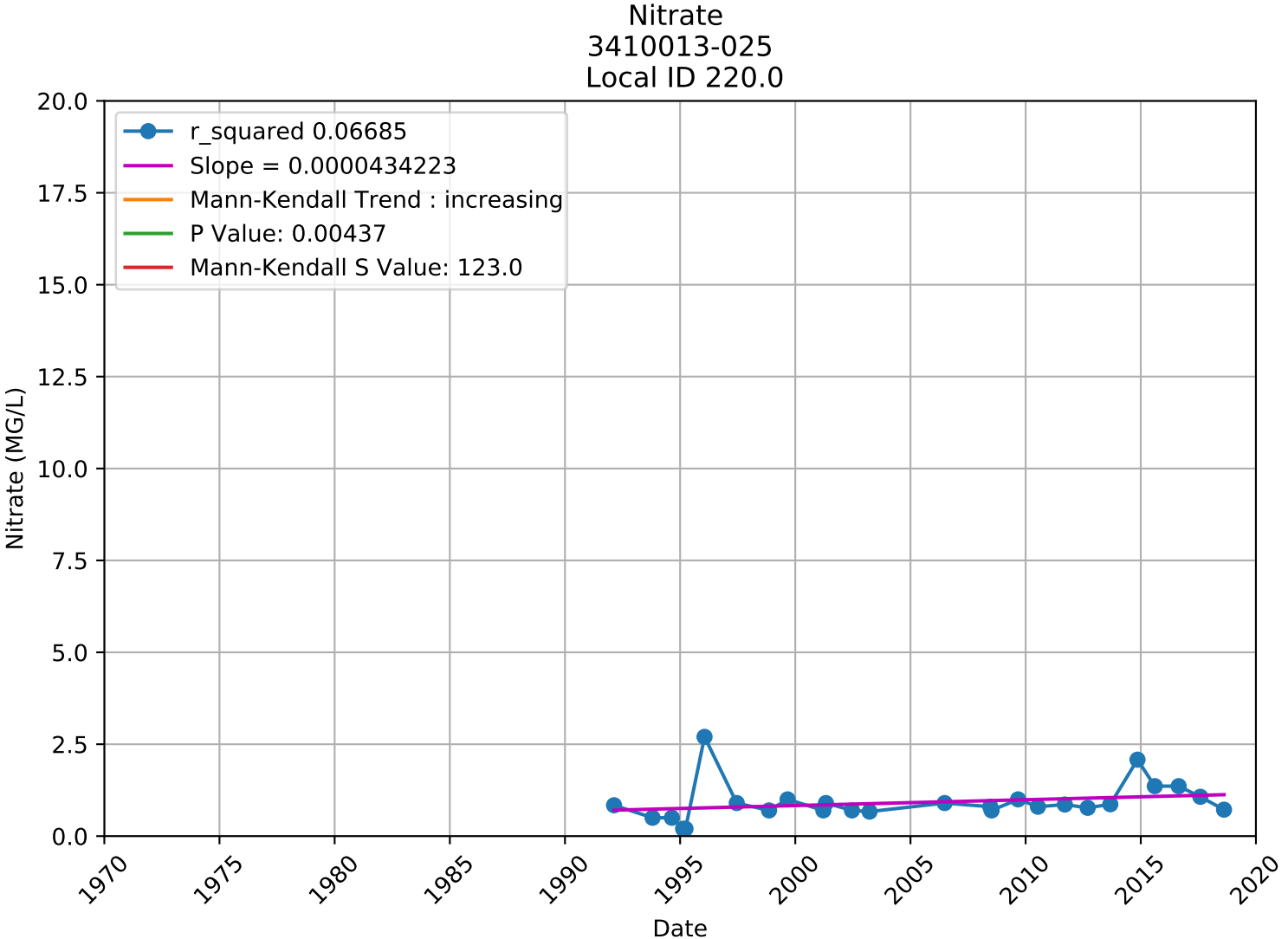

Nitrate
3410013-020
Local ID 226.0
r_squared 0.07793
Slope = 0.0000426097
Mann-Kendall Trend : no trend
P Value: 0.53326
Mann-Kendall S Value: 10.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
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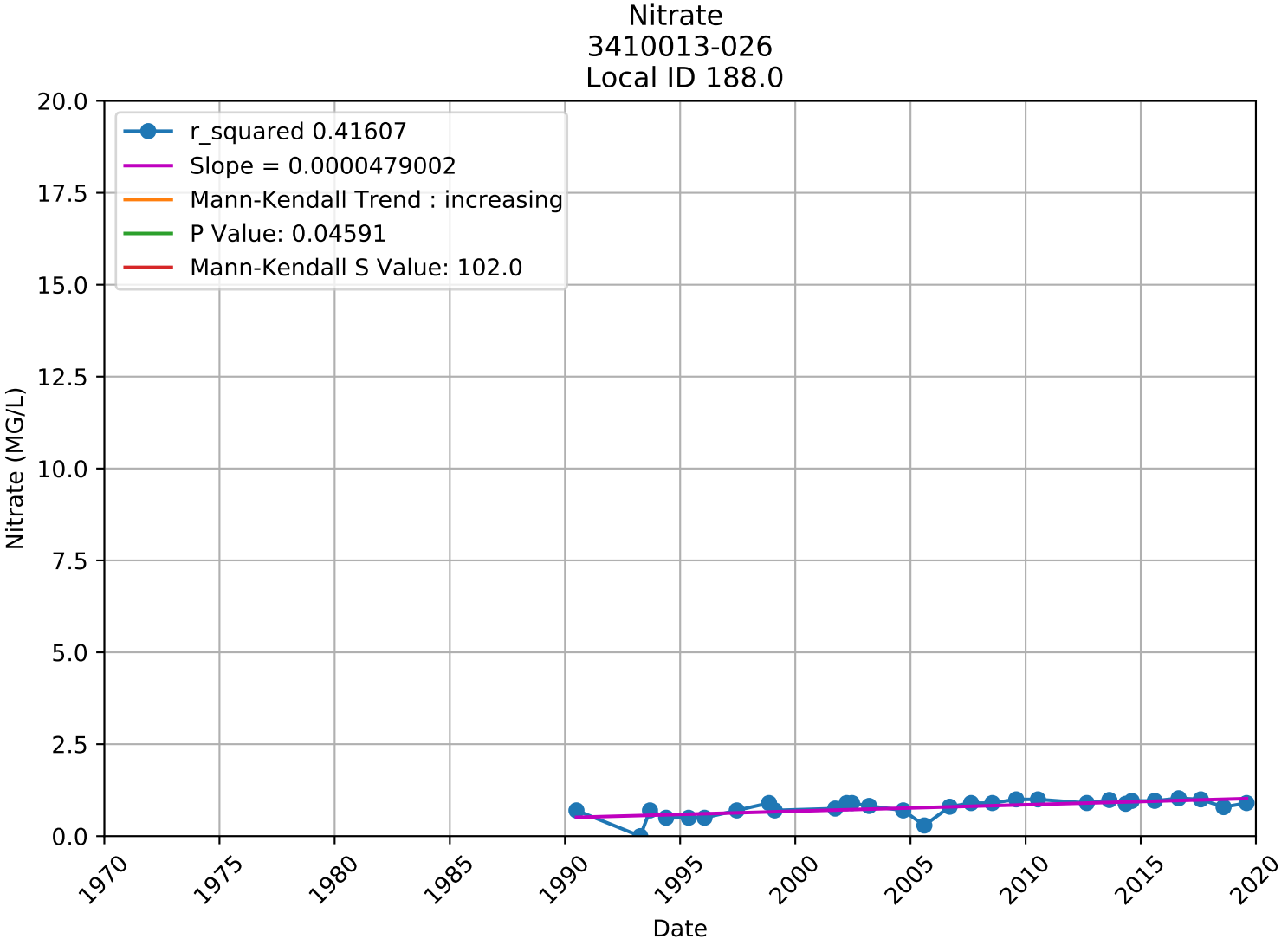

Nitrate
3410013-021
Local ID 88.0
r_squared 0.27570
Slope = 0.0003564708
Mann-Kendall Trend : increasing
P Value: 0.00001
Mann-Kendall S Value: 910.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
1975
1980
1985
1990
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2000
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2015
2020

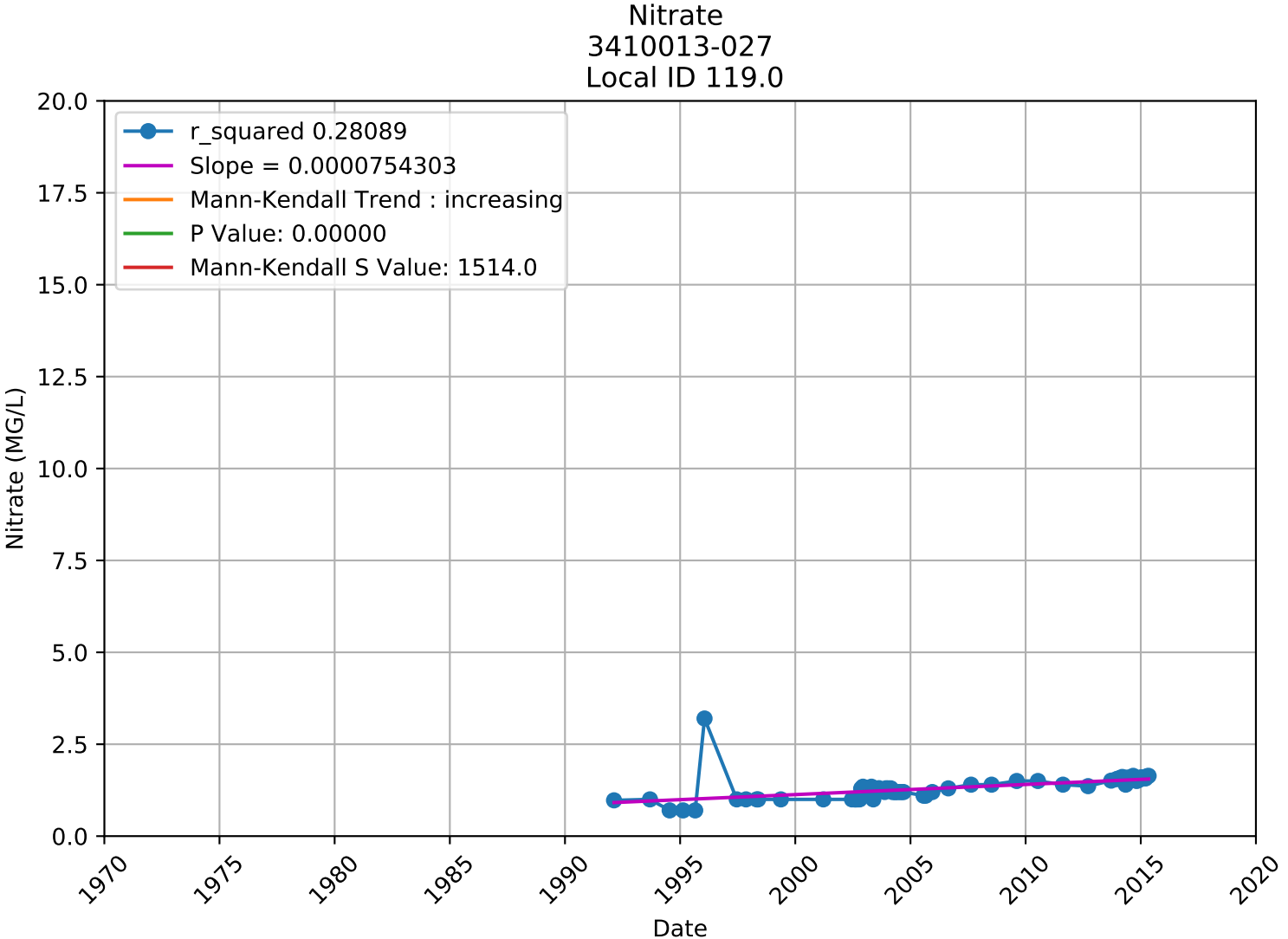

Nitrate
3410013-022
Local ID 232.0
r_squared 0.19734
Slope = 0.0001291472
Mann-Kendall Trend : increasing
P Value: 0.00000
Mann-Kendall S Value: 4775.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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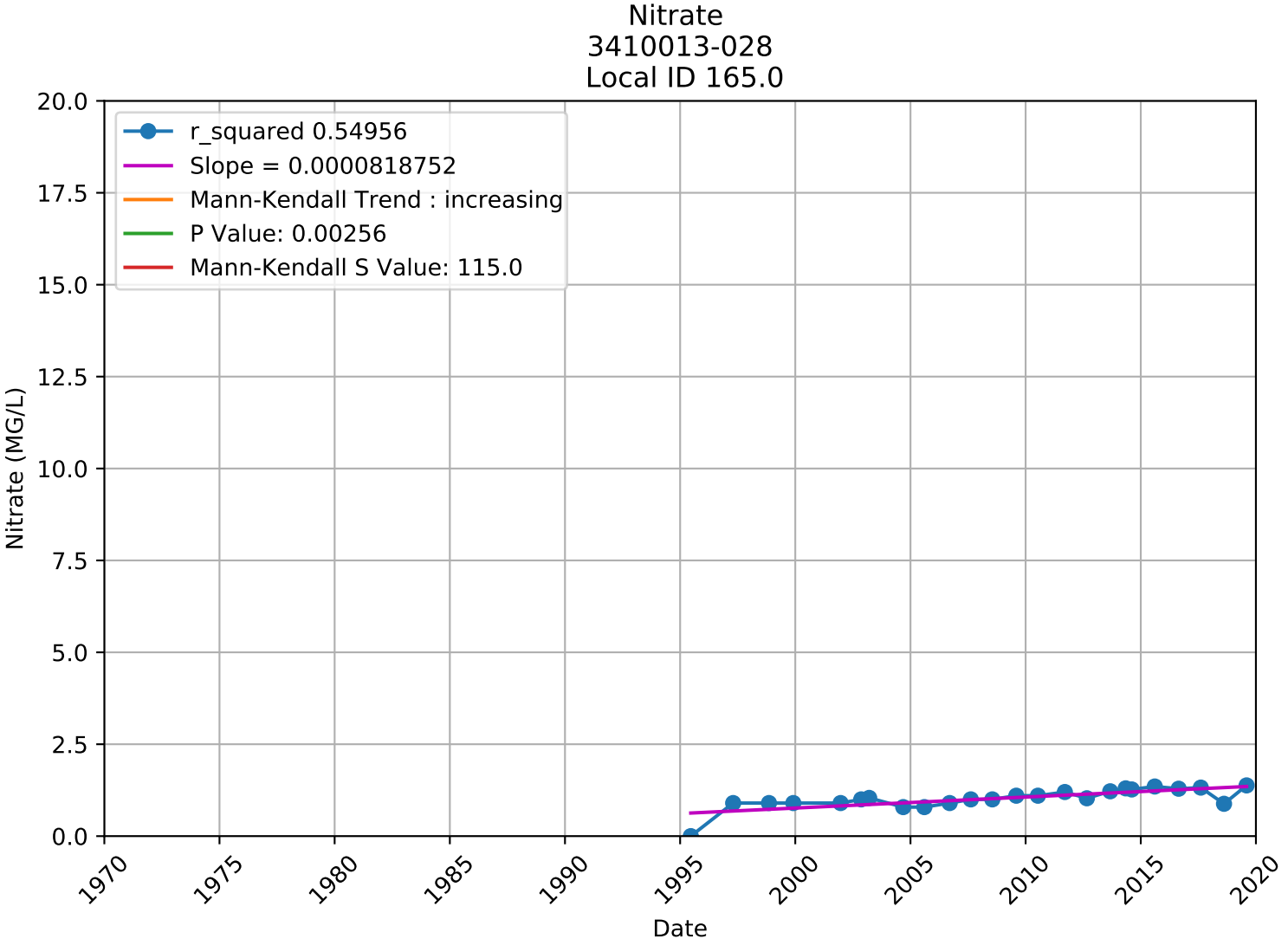

Nitrate
3410013-023
Local ID 189.0
r_squared 0.37842
Slope = 0.0000754616
Mann-Kendall Trend : increasing
P Value: 0.00017
Mann-Kendall S Value: 212.0
Nitrate (MG/L)
Date
20.0
17.5
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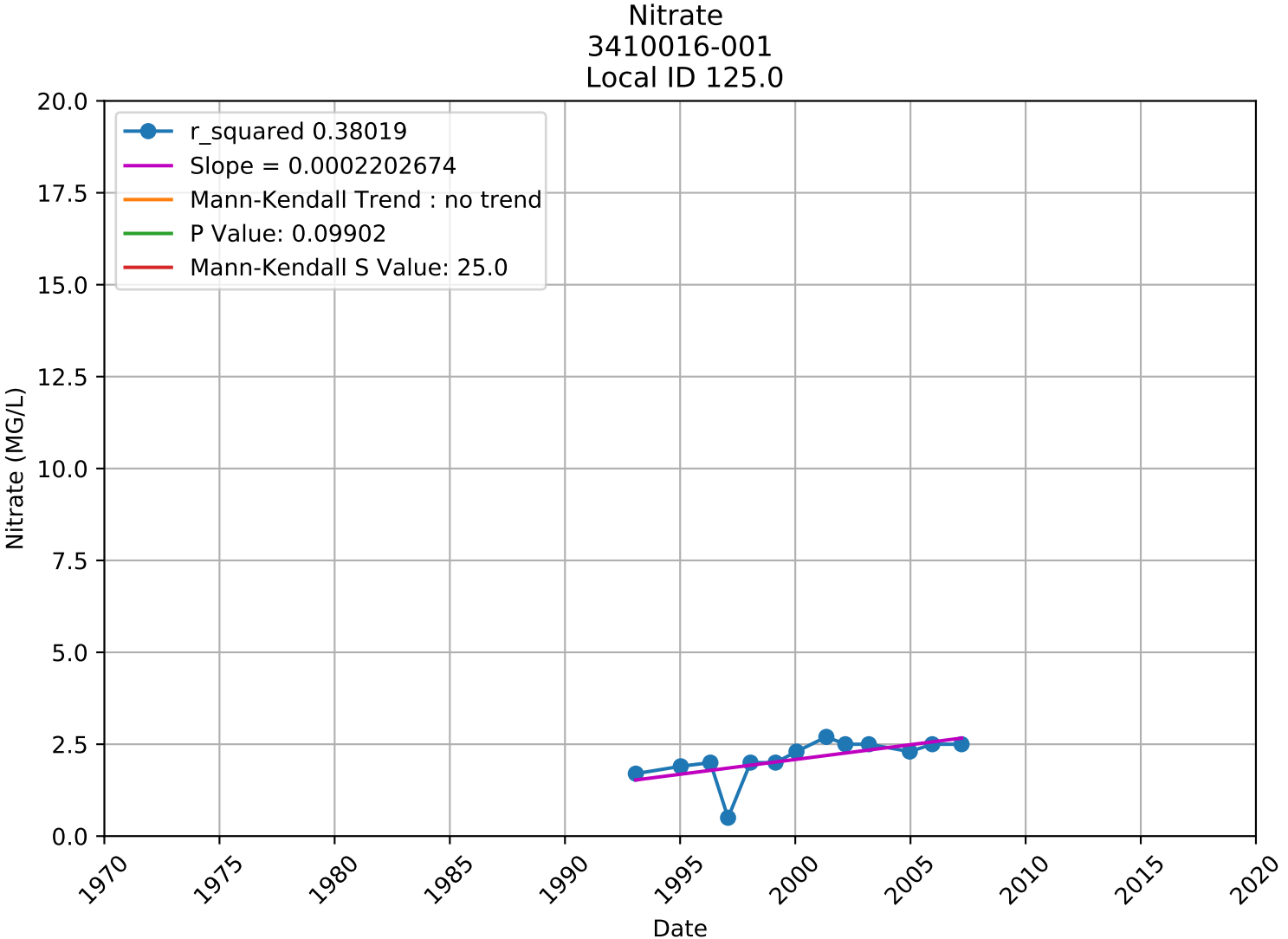

Nitrate
3410013-024
Local ID 66.0
r_squared 0.46140
Slope = 0.0001782814
Mann-Kendall Trend : no trend
P Value: 0.05060
Mann-Kendall S Value: 116.0
Nitrate (MG/L)
Date
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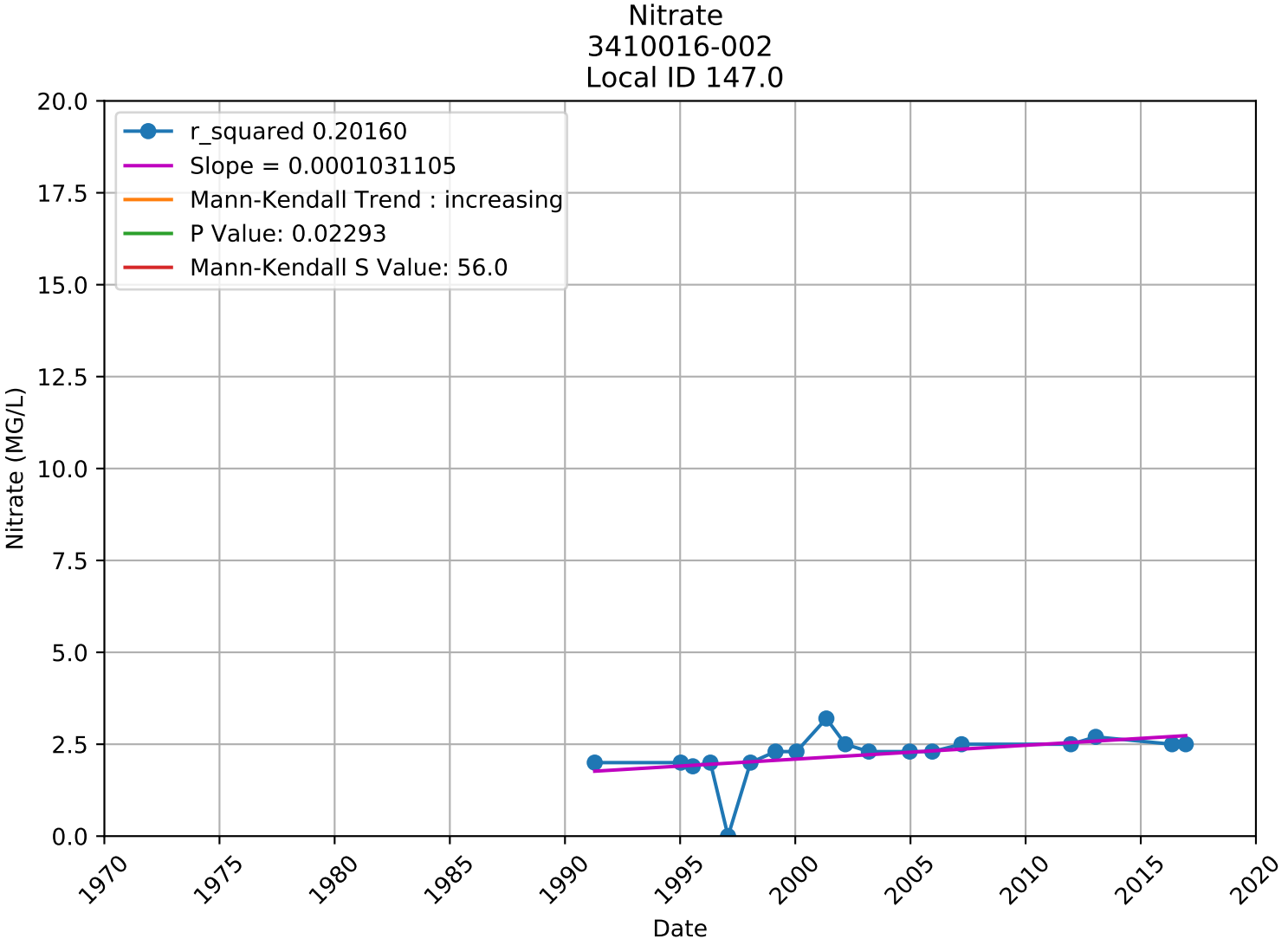

Nitrate
3410013-025
Local ID 220.0
r_squared 0.06685
Slope = 0.0000434223
Mann-Kendall Trend : increasing
P Value: 0.00437
Mann-Kendall S Value: 123.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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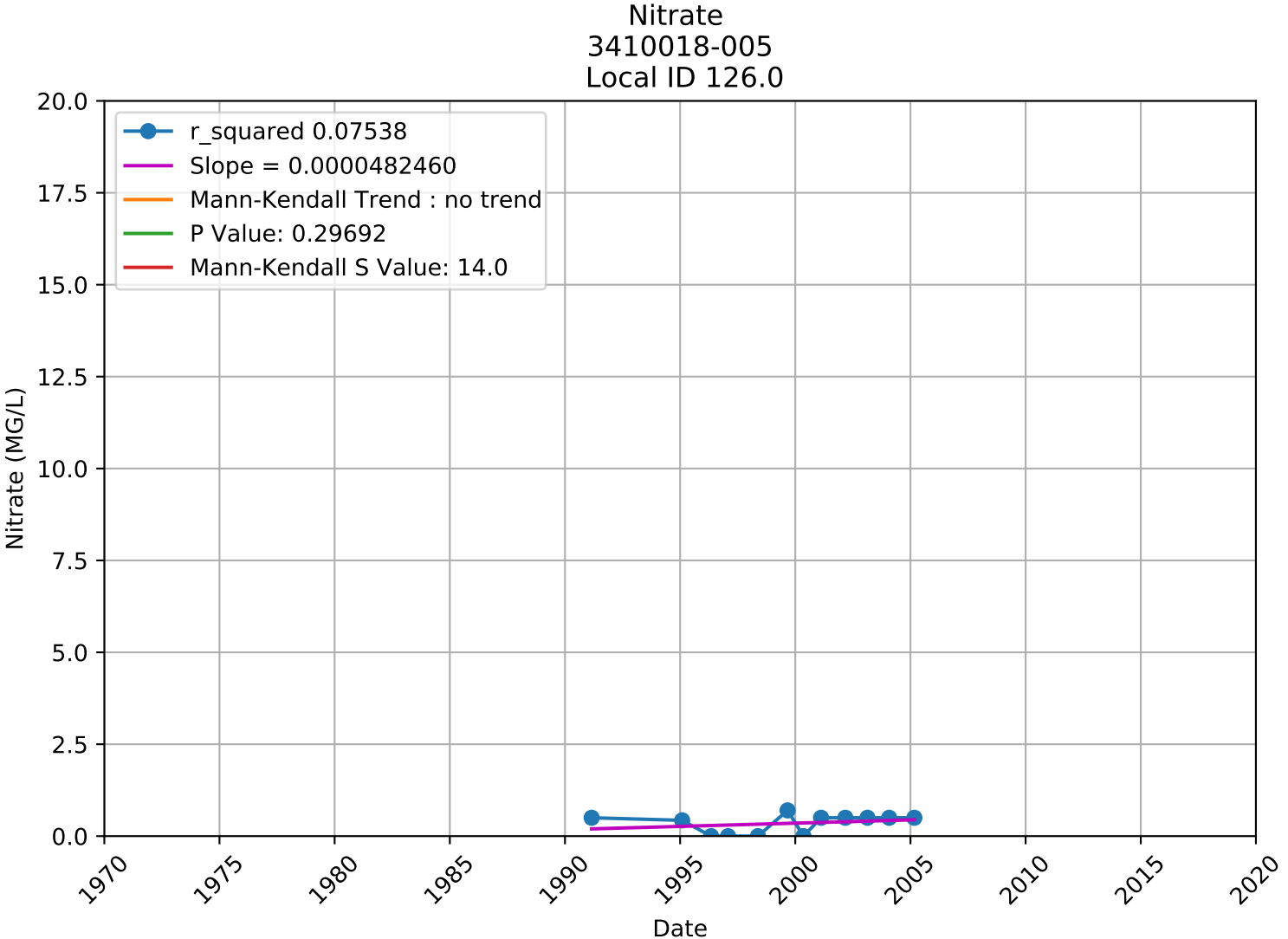

Nitrate
3410013-026
Local ID 188.0
r_squared 0.41607
Slope = 0.0000479002
Mann-Kendall Trend : increasing
P Value: 0.04591
Mann-Kendall S Value: 102.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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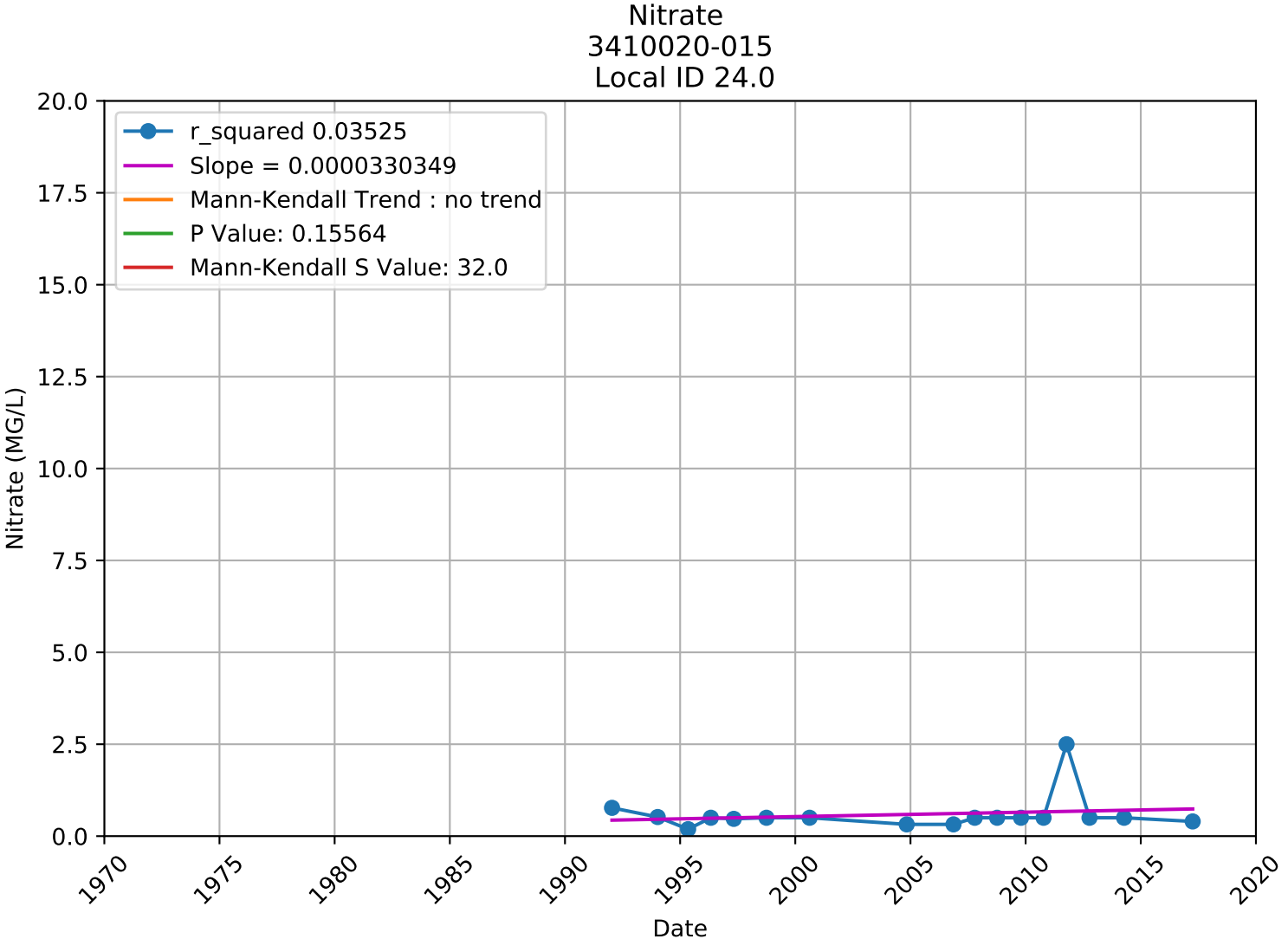

Nitrate
3410013-027
Local ID 119.0
r_squared 0.28089
Slope = 0.0000754303
Mann-Kendall Trend : increasing
P Value: 0.00000
Mann-Kendall S Value: 1514.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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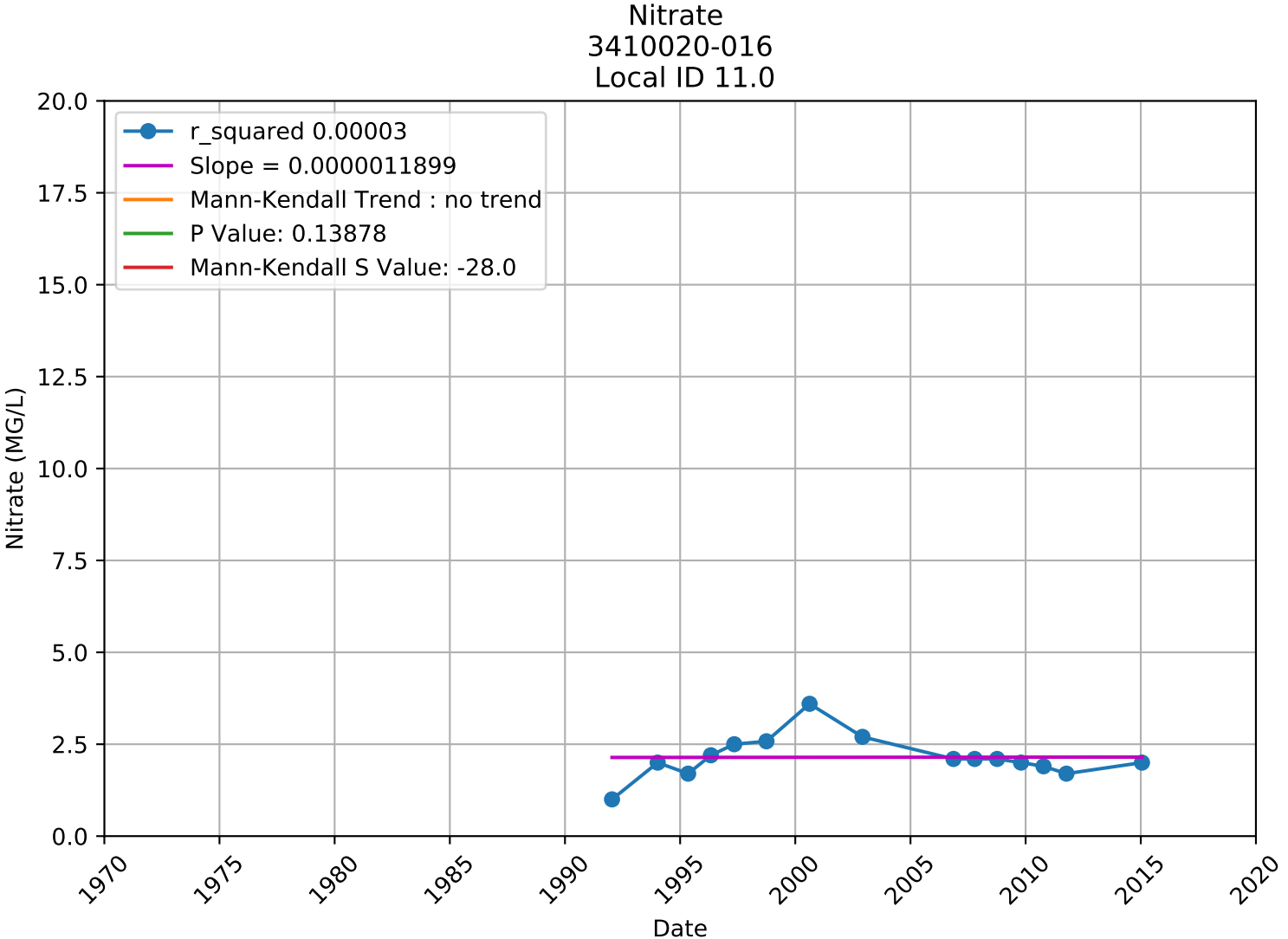

Nitrate
3410013-028
Local ID 165.0
r_squared 0.54956
Slope = 0.0000818752
Mann-Kendall Trend : increasing
P Value: 0.00256
Mann-Kendall S Value: 115.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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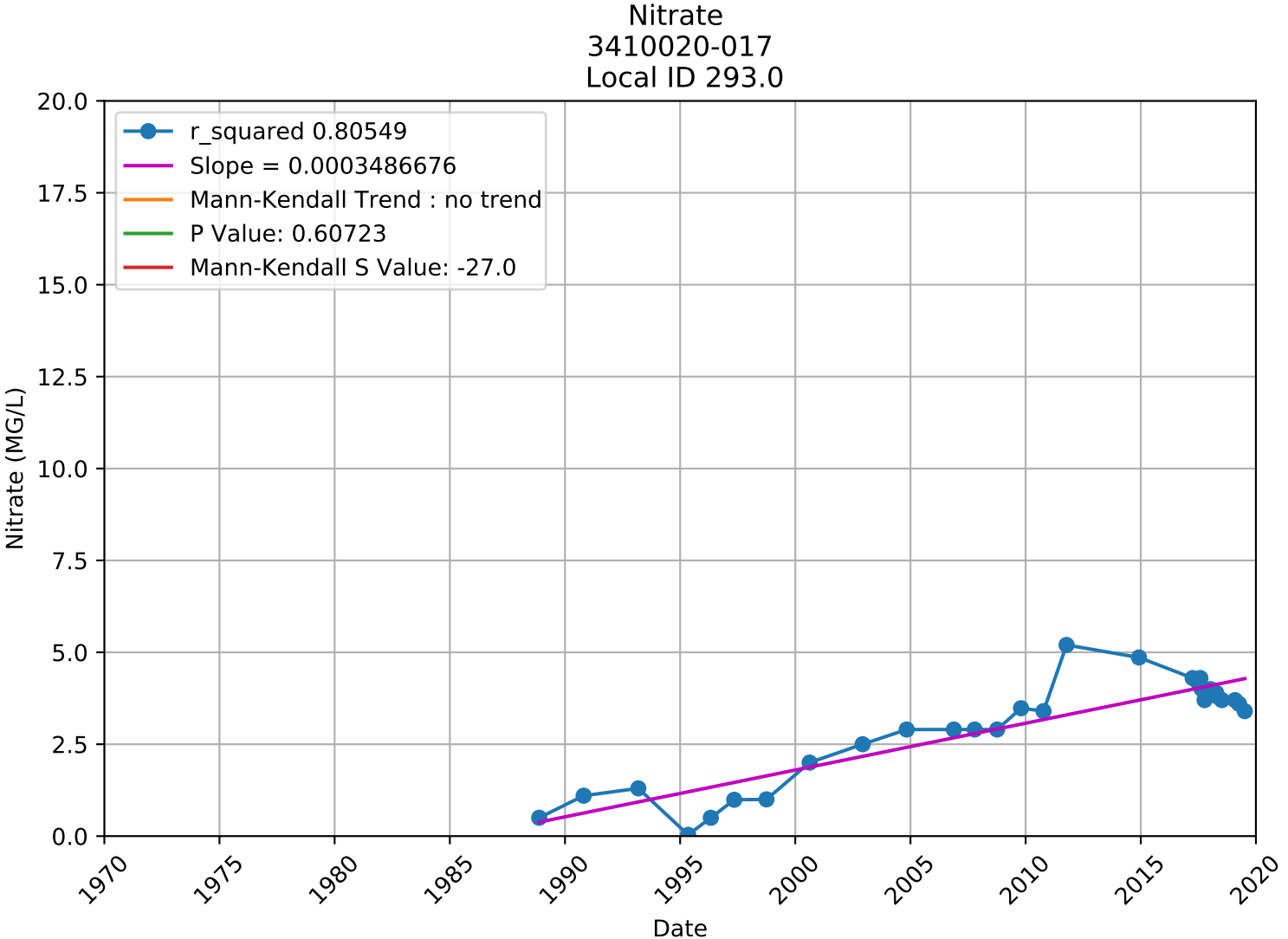

Nitrate
3410016-001
Local ID 125.0
r_squared 0.38019
Slope = 0.0002202674
Mann-Kendall Trend : no trend
P Value: 0.09902
Mann-Kendall S Value: 25.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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2.5
0.0
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2015
2020

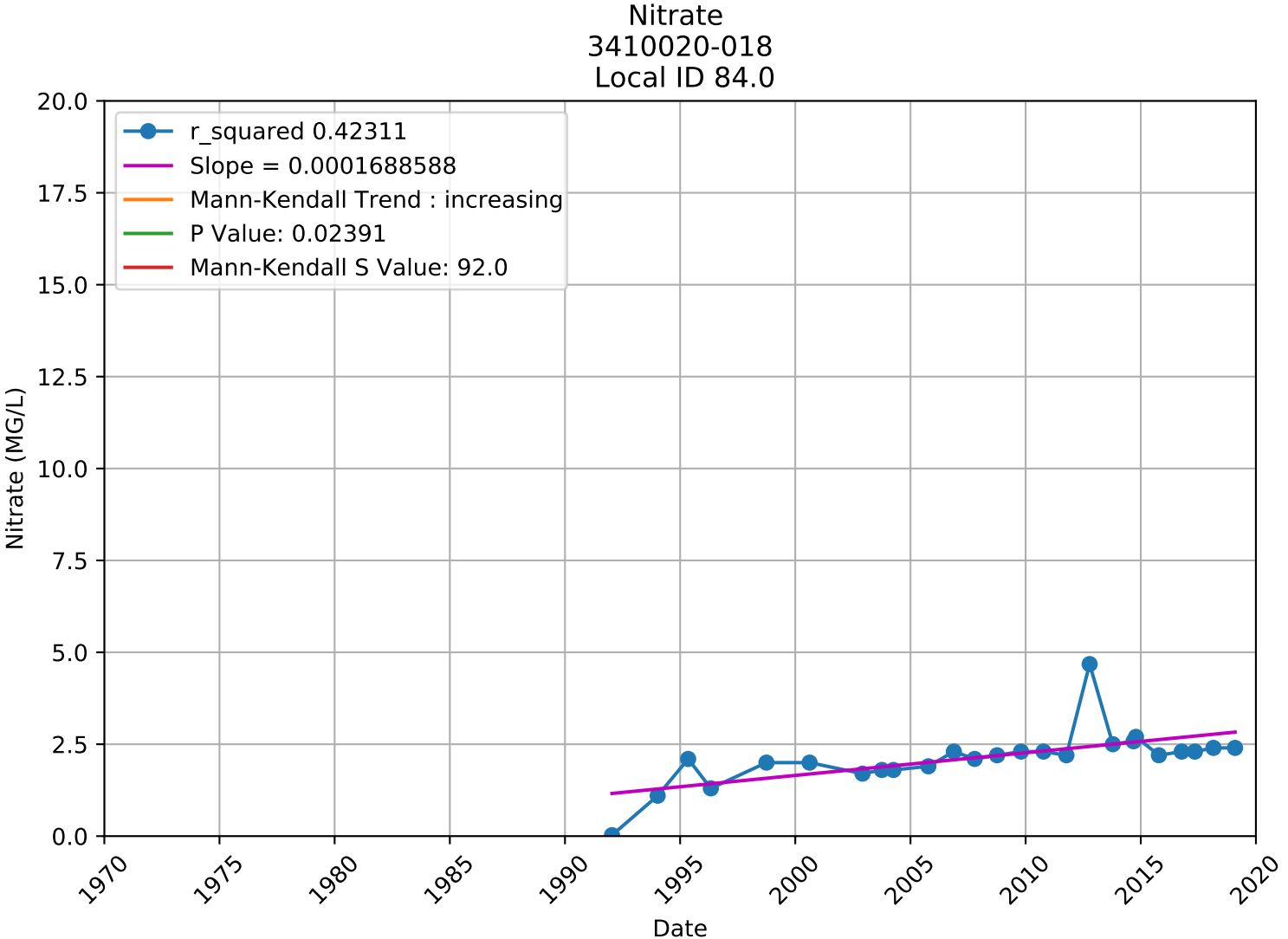

Nitrate
3410016-002
Local ID 147.0
r_squared 0.20160
Slope = 0.0001031105
Mann-Kendall Trend : increasing
P Value: 0.02293
Mann-Kendall S Value: 56.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
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1975
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2005
2010
2015
2020

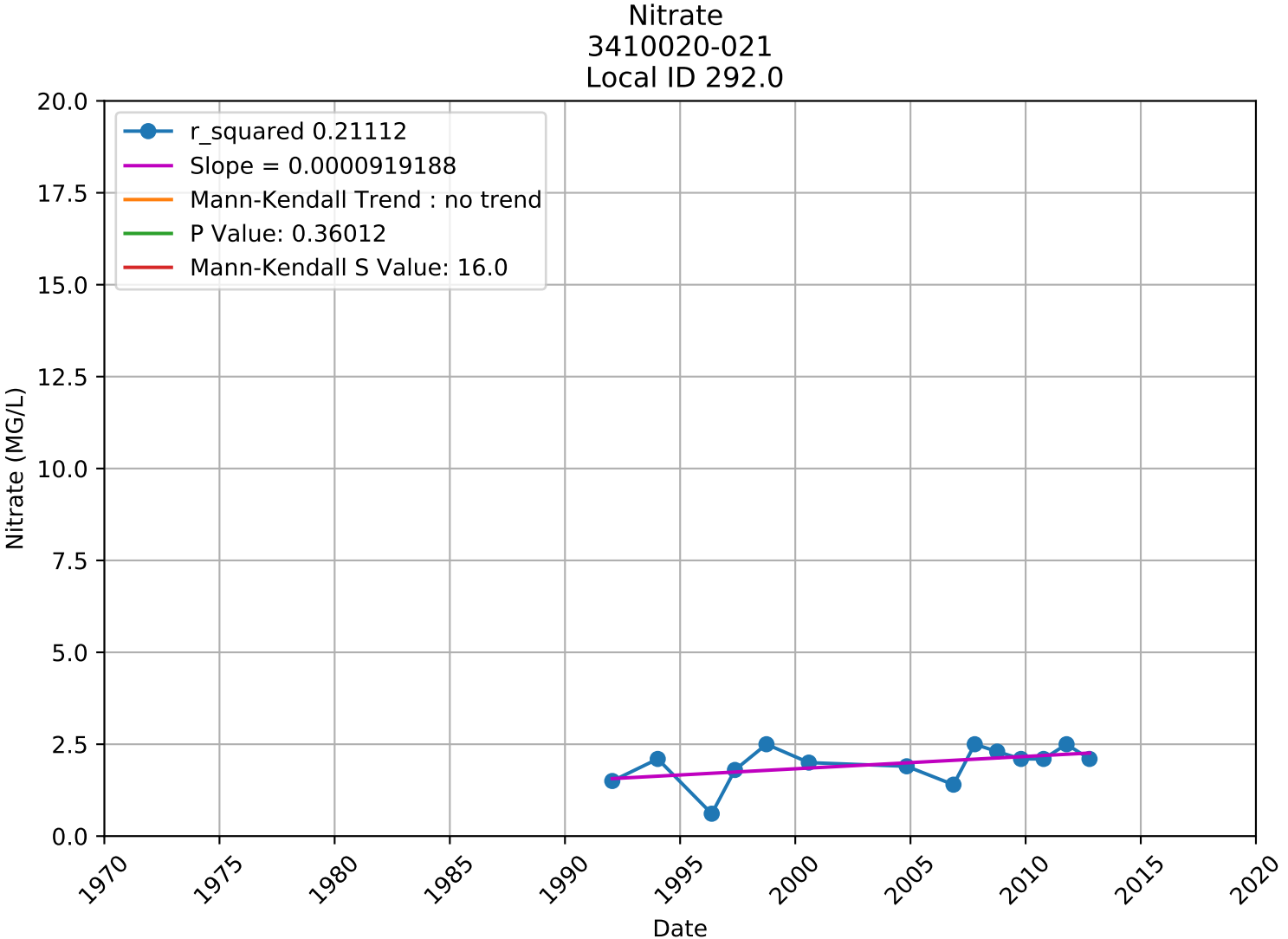

Nitrate
3410018-005
Local ID 126.0
r_squared 0.07538
Slope = 0.0000482460
Mann-Kendall Trend : no trend
P Value: 0.29692
Mann-Kendall S Value: 14.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
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5.0
2.5
0.0
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2015
2020

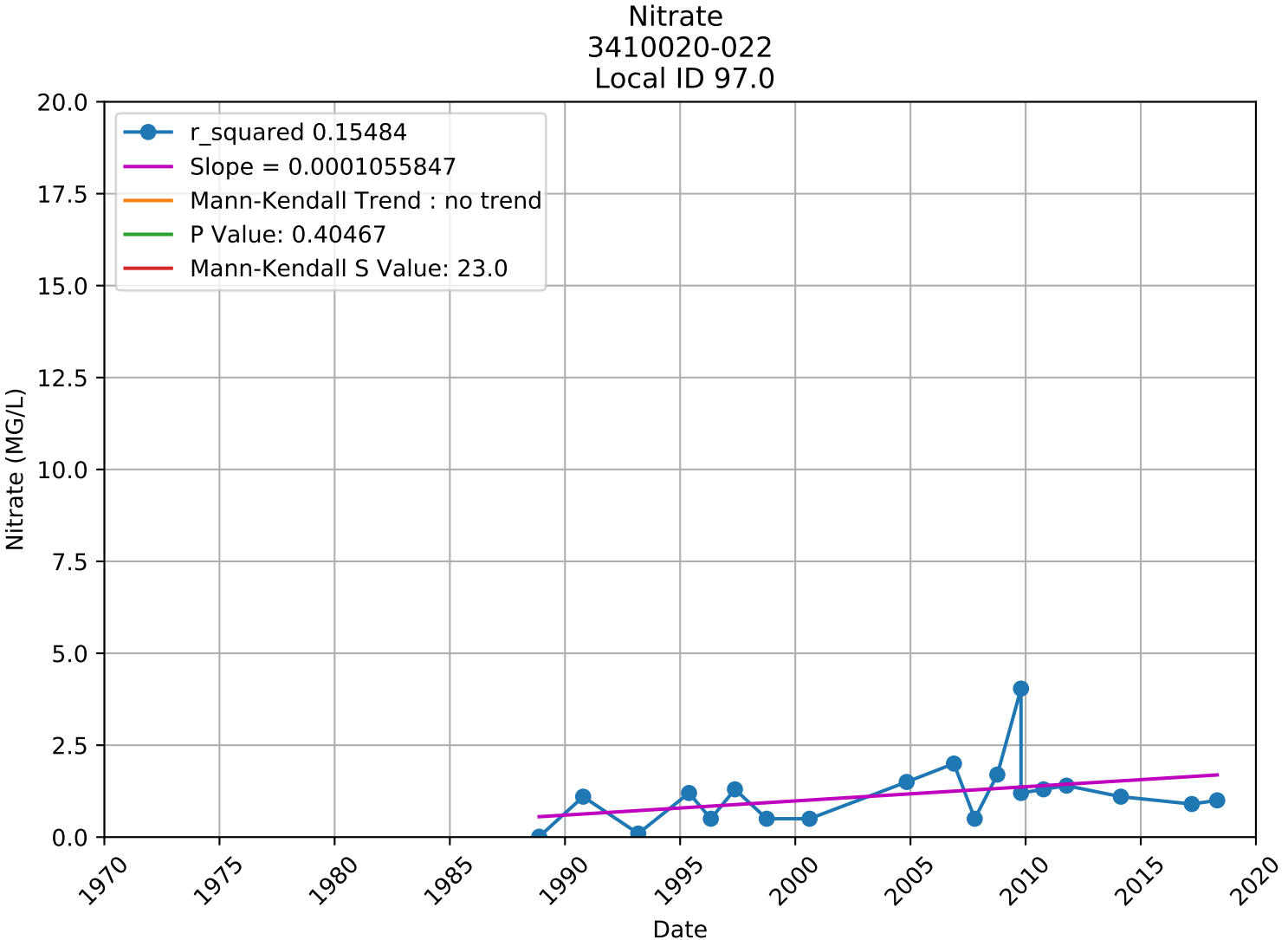

Nitrate
3410020-015
Local ID 24.0
r_squared 0.03525
Slope = 0.0000330349
Mann-Kendall Trend : no trend
P Value: 0.15564
Mann-Kendall S Value: 32.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
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7.5
5.0
2.5
0.0
1970
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2015
2020

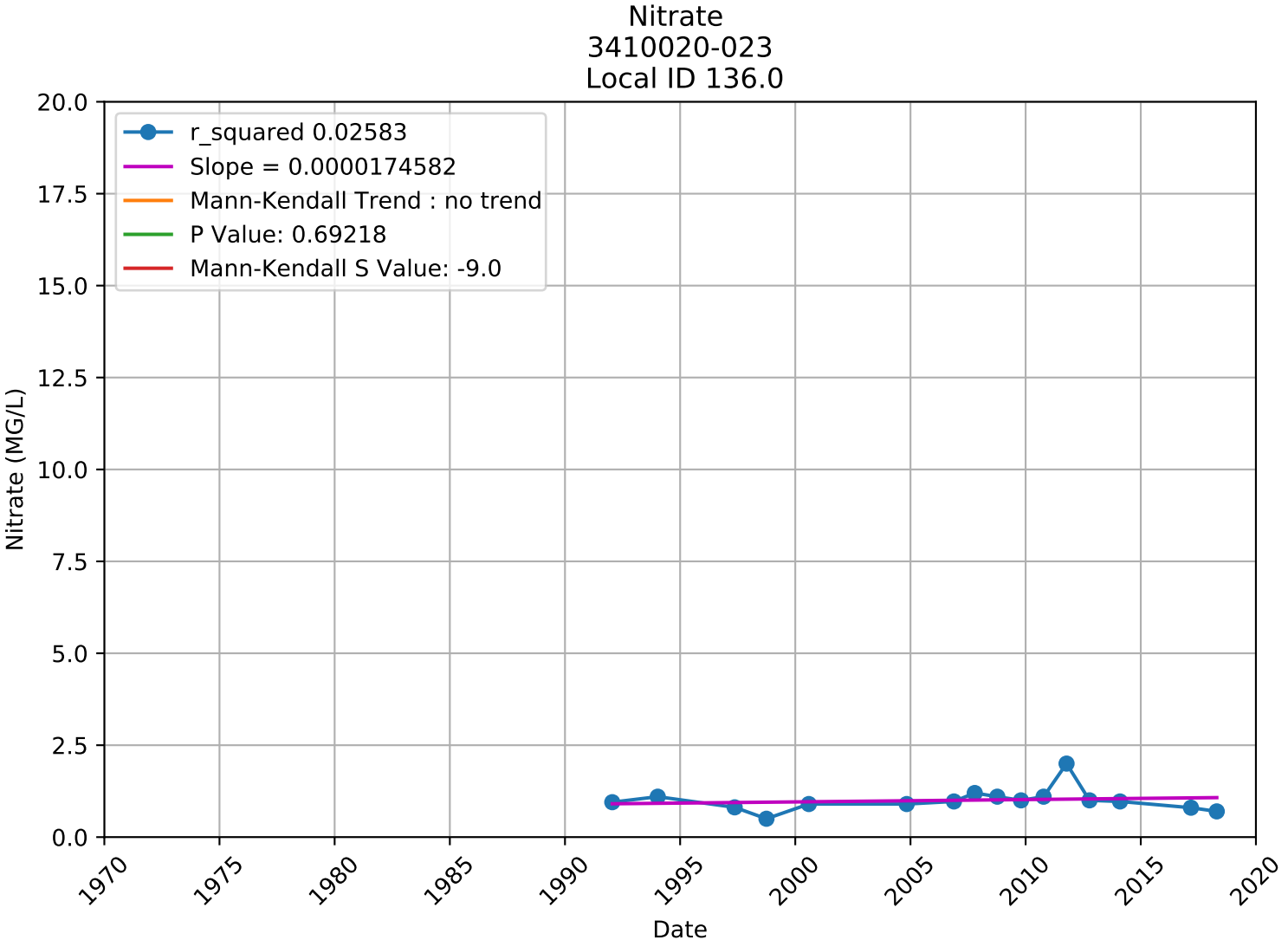

Nitrate
3410020-016
Local ID 11.0
r_squared 0.00003
Slope = 0.0000011899
Mann-Kendall Trend : no trend
P Value: 0.13878
Mann-Kendall S Value: -28.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
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2015
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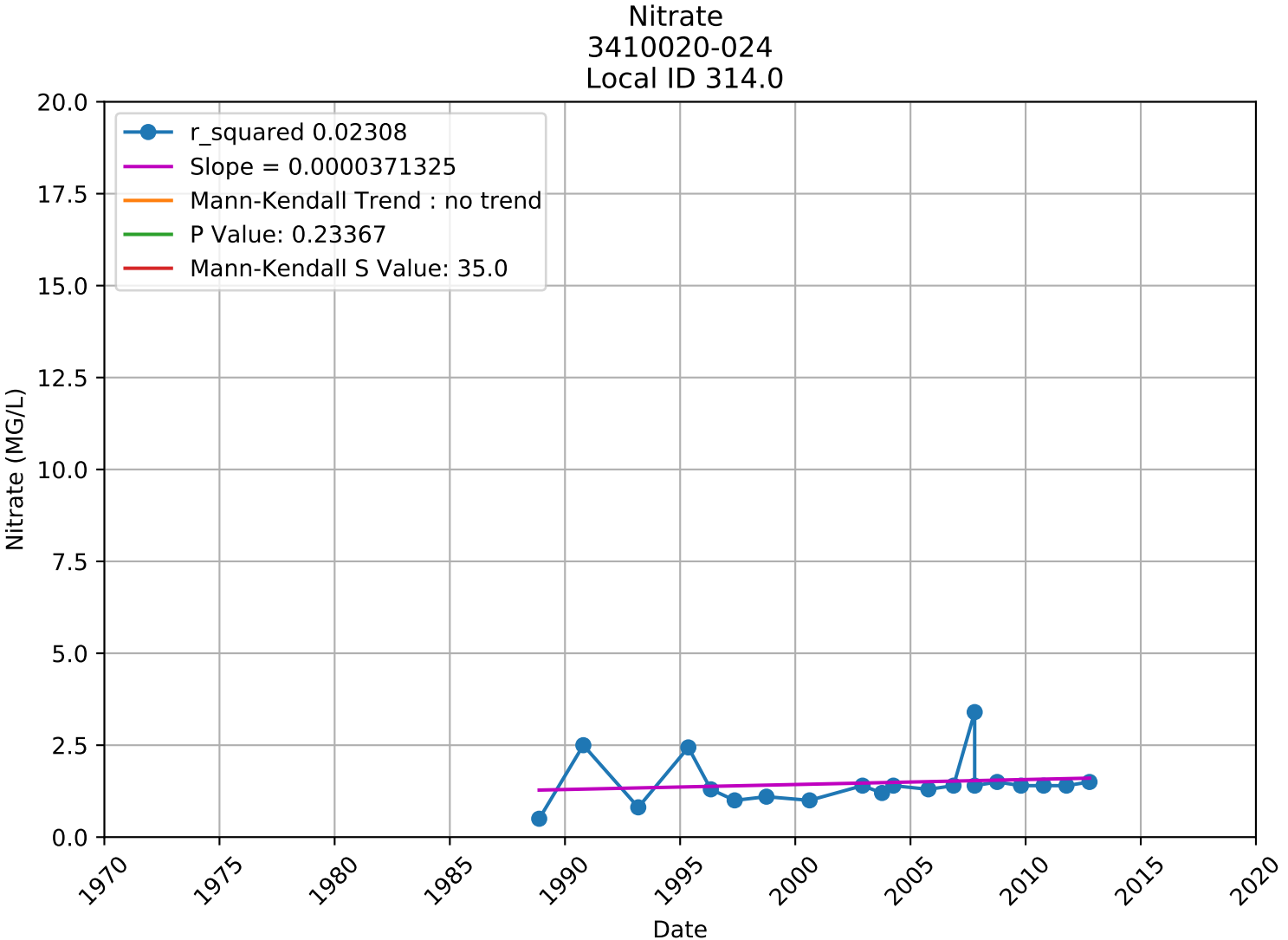

Nitrate
3410020-017
Local ID 293.0
r_squared 0.80549
Slope = 0.0003486676
Mann-Kendall Trend : no trend
P Value: 0.60723
Mann-Kendall S Value: -27.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
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5.0
2.5
0.0
1970
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2015
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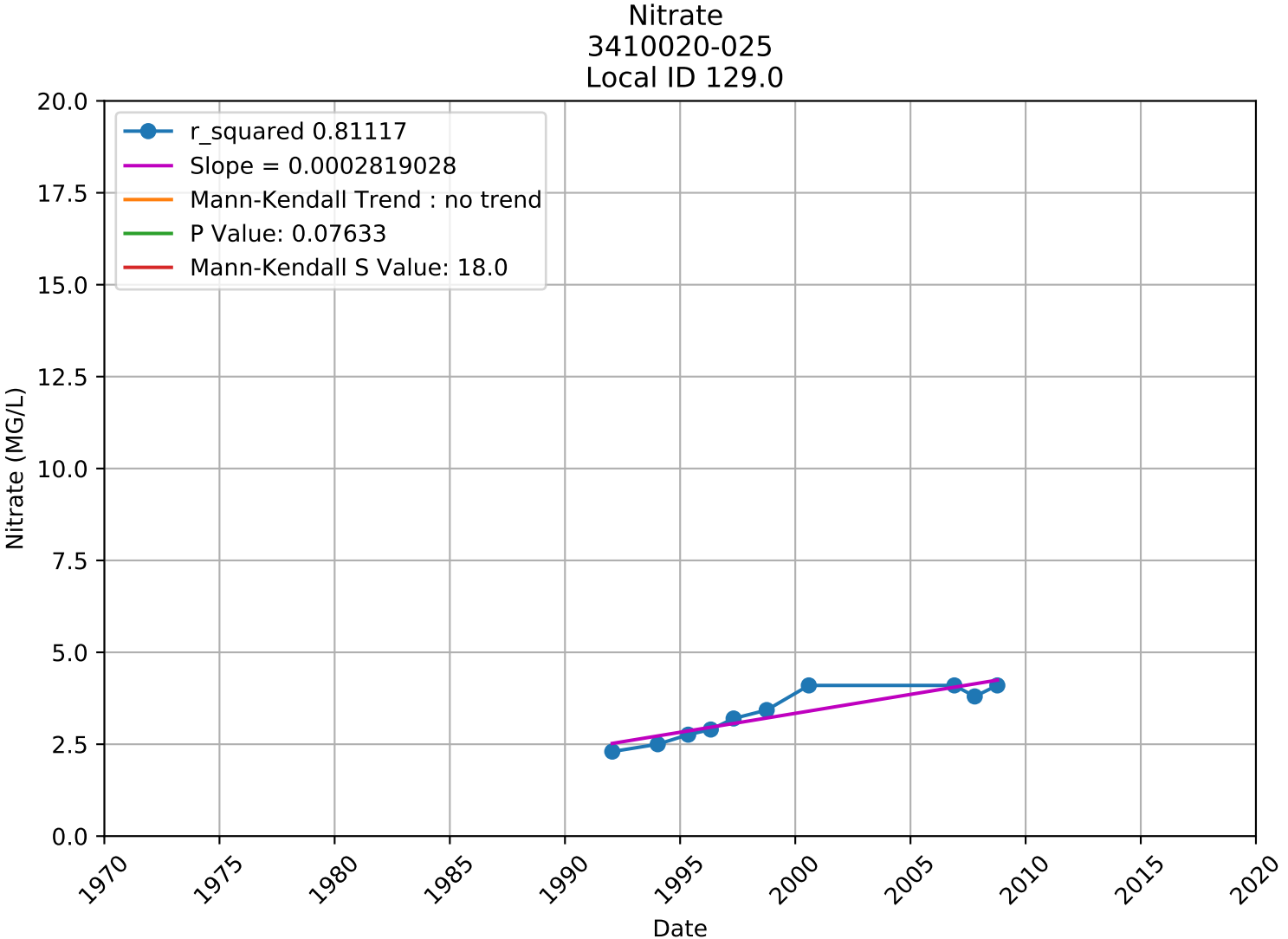

Nitrate
3410020-018
Local ID 84.0
r_squared 0.42311
Slope = 0.0001688588
Mann-Kendall Trend : increasing
P Value: 0.02391
Mann-Kendall S Value: 92.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
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5.0
2.5
0.0
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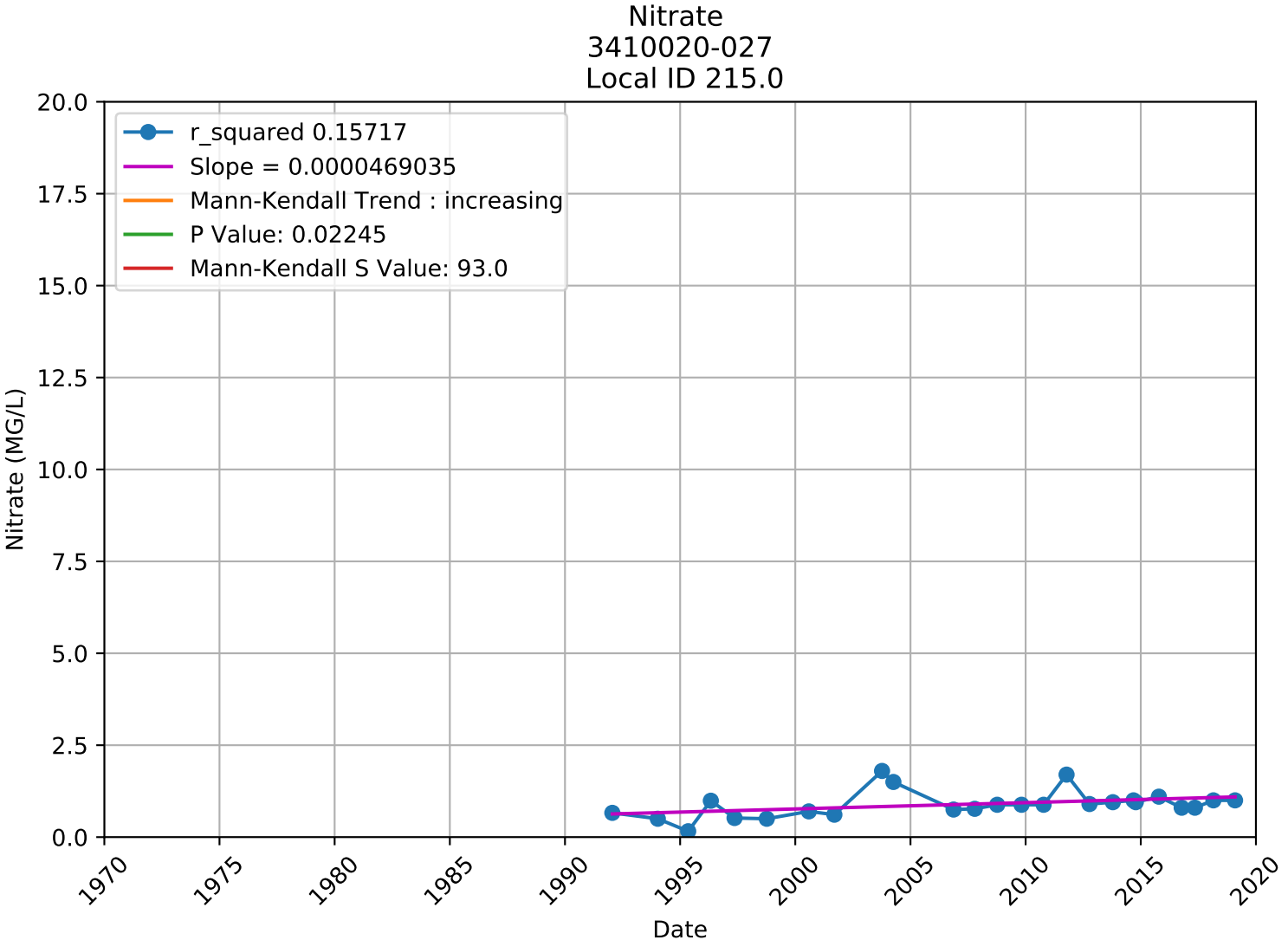

Nitrate
3410020-021
Local ID 292.0
r_squared 0.21112
Slope = 0.0000919188
Mann-Kendall Trend : no trend
P Value: 0.36012
Mann-Kendall S Value: 16.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
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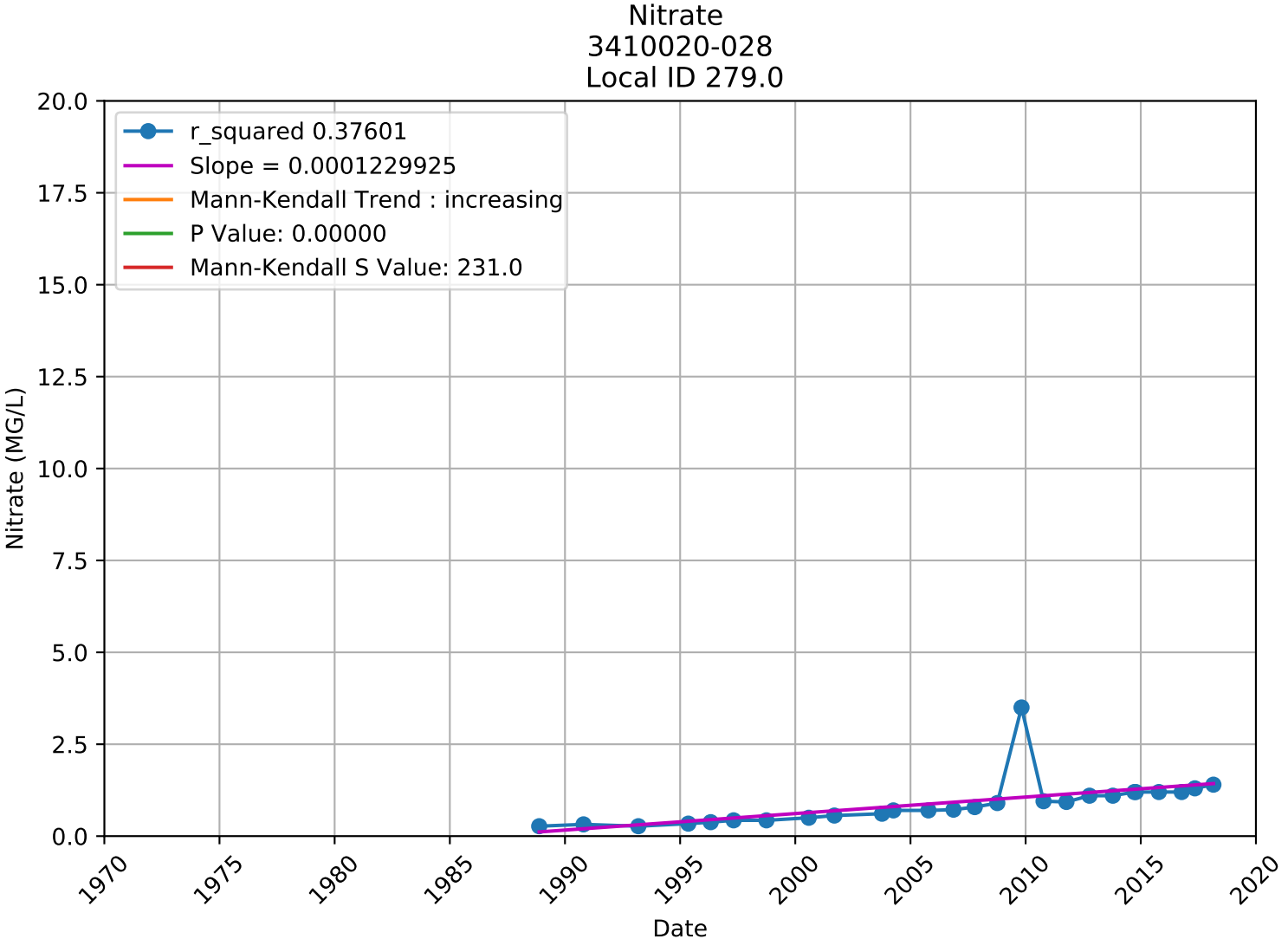

Nitrate
3410020-022
Local ID 97.0
r_squared 0.15484
Slope = 0.0001055847
Mann-Kendall Trend : no trend
P Value: 0.40467
Mann-Kendall S Value: 23.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
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5.0
2.5
0.0
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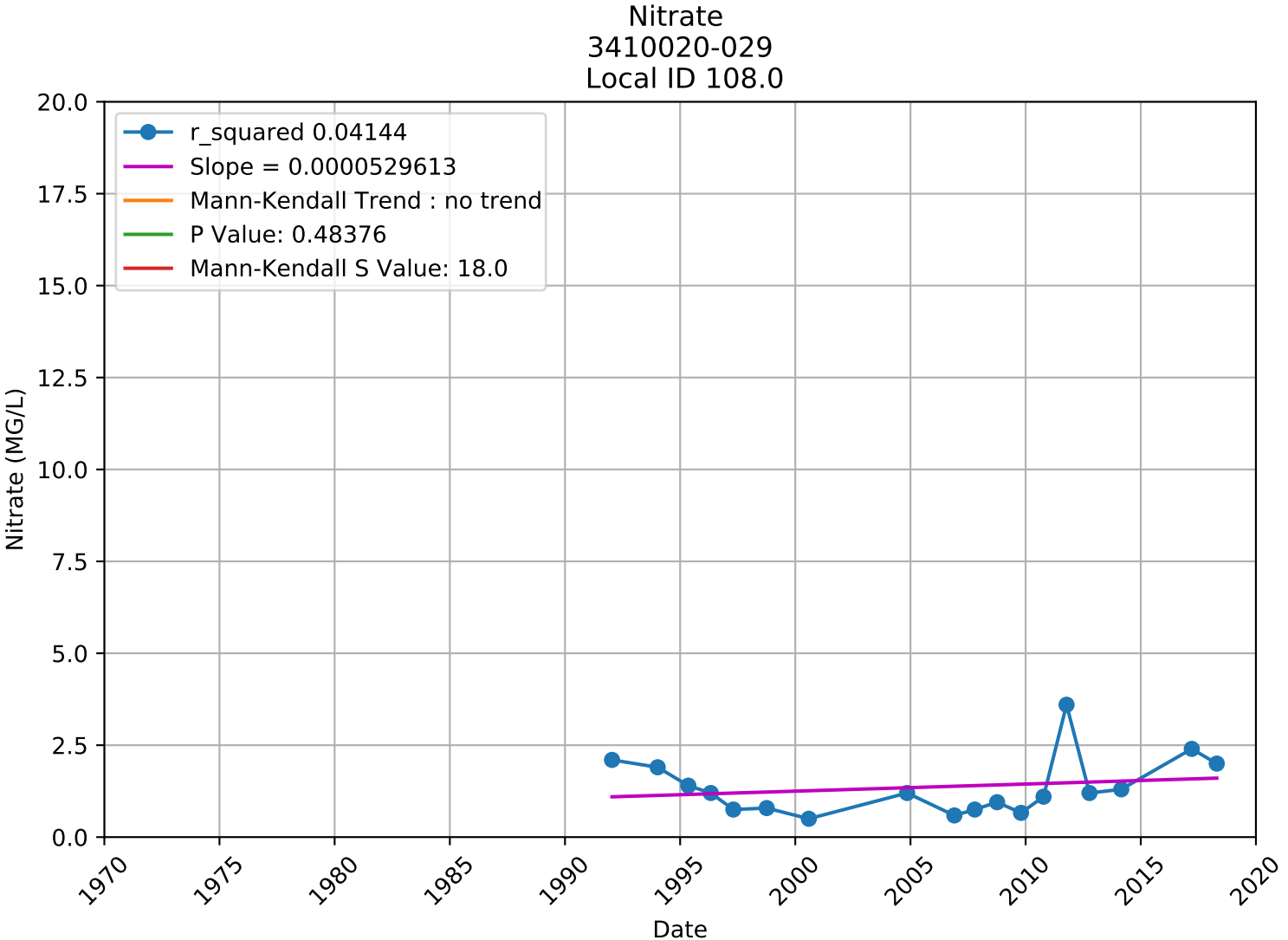

Nitrate
3410020-023
Local ID 136.0
r_squared 0.02583
Slope = 0.0000174582
Mann-Kendall Trend : no trend
P Value: 0.69218
Mann-Kendall S Value: -9.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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2.5
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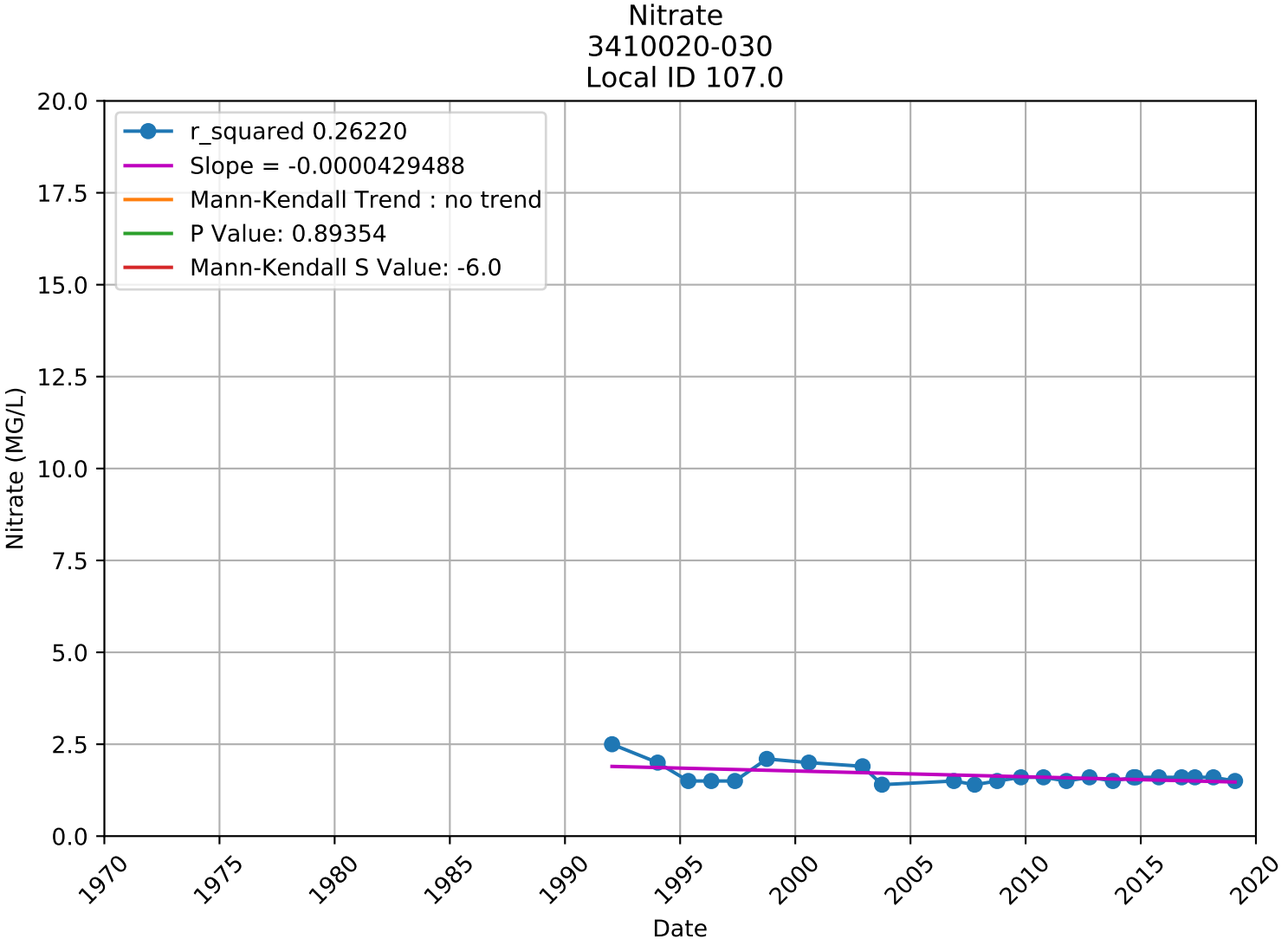

Nitrate
3410020-024
Local ID 314.0
r_squared 0.02308
Slope = 0.0000371325
Mann-Kendall Trend : no trend
P Value: 0.23367
Mann-Kendall S Value: 35.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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2.5
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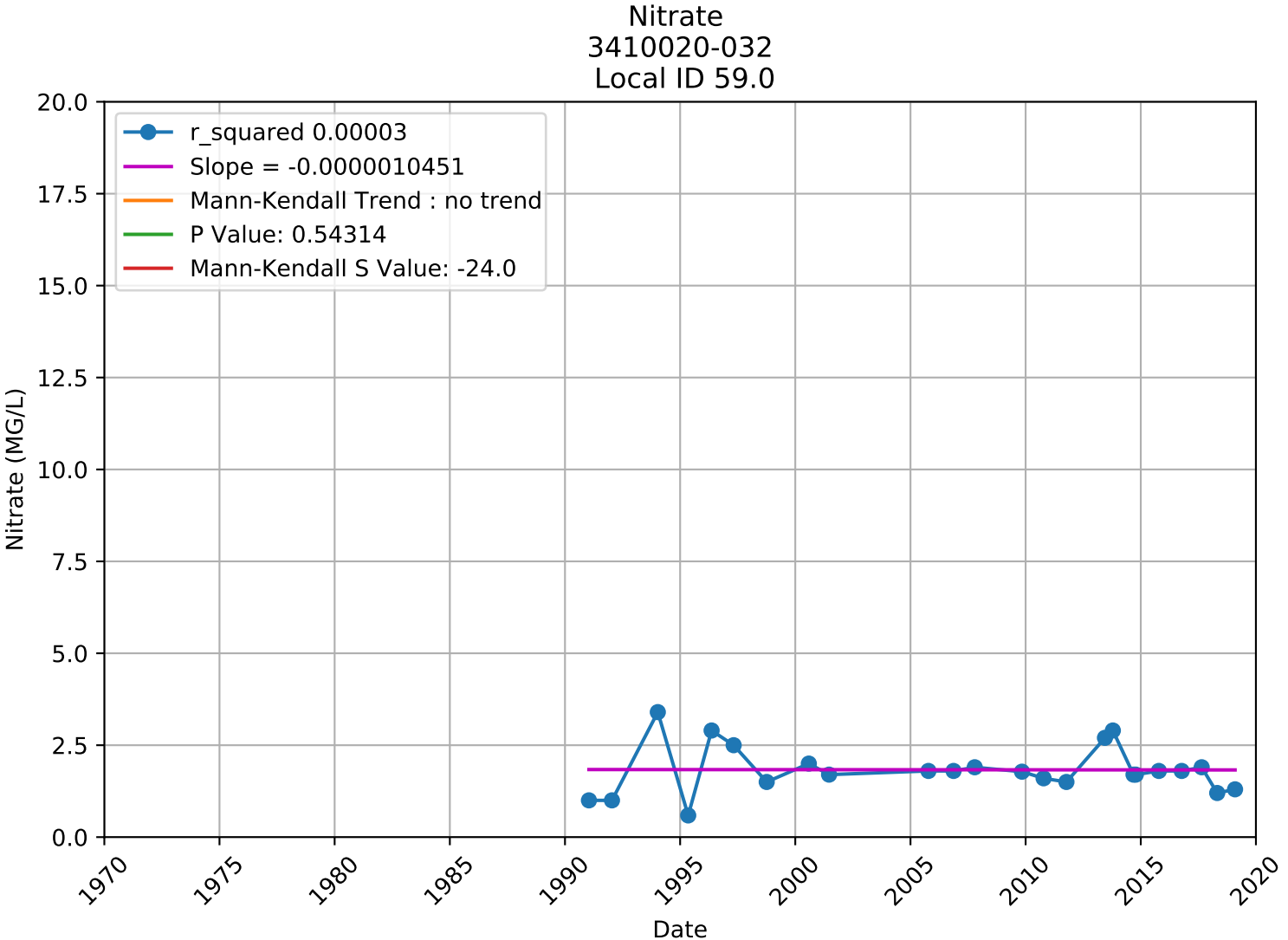

Nitrate
3410020-025
Local ID 129.0
r_squared 0.81117
Slope = 0.0002819028
Mann-Kendall Trend : no trend
P Value: 0.07633
Mann-Kendall S Value: 18.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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5.0
2.5
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2015
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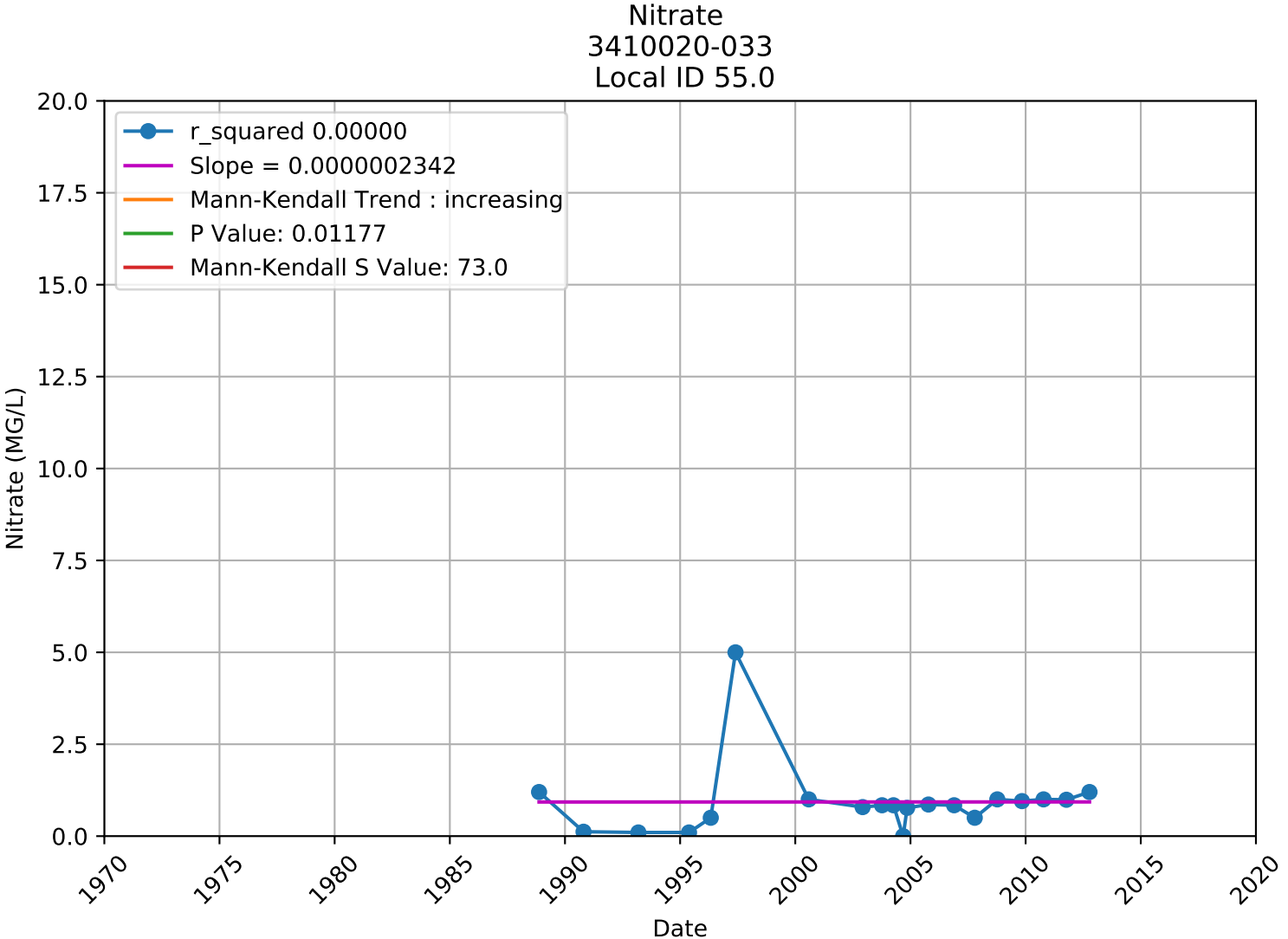

Nitrate
3410020-027
Local ID 215.0
r_squared 0.15717
Slope = 0.0000469035
Mann-Kendall Trend : increasing
P Value: 0.02245
Mann-Kendall S Value: 93.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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10.0
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5.0
2.5
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2020

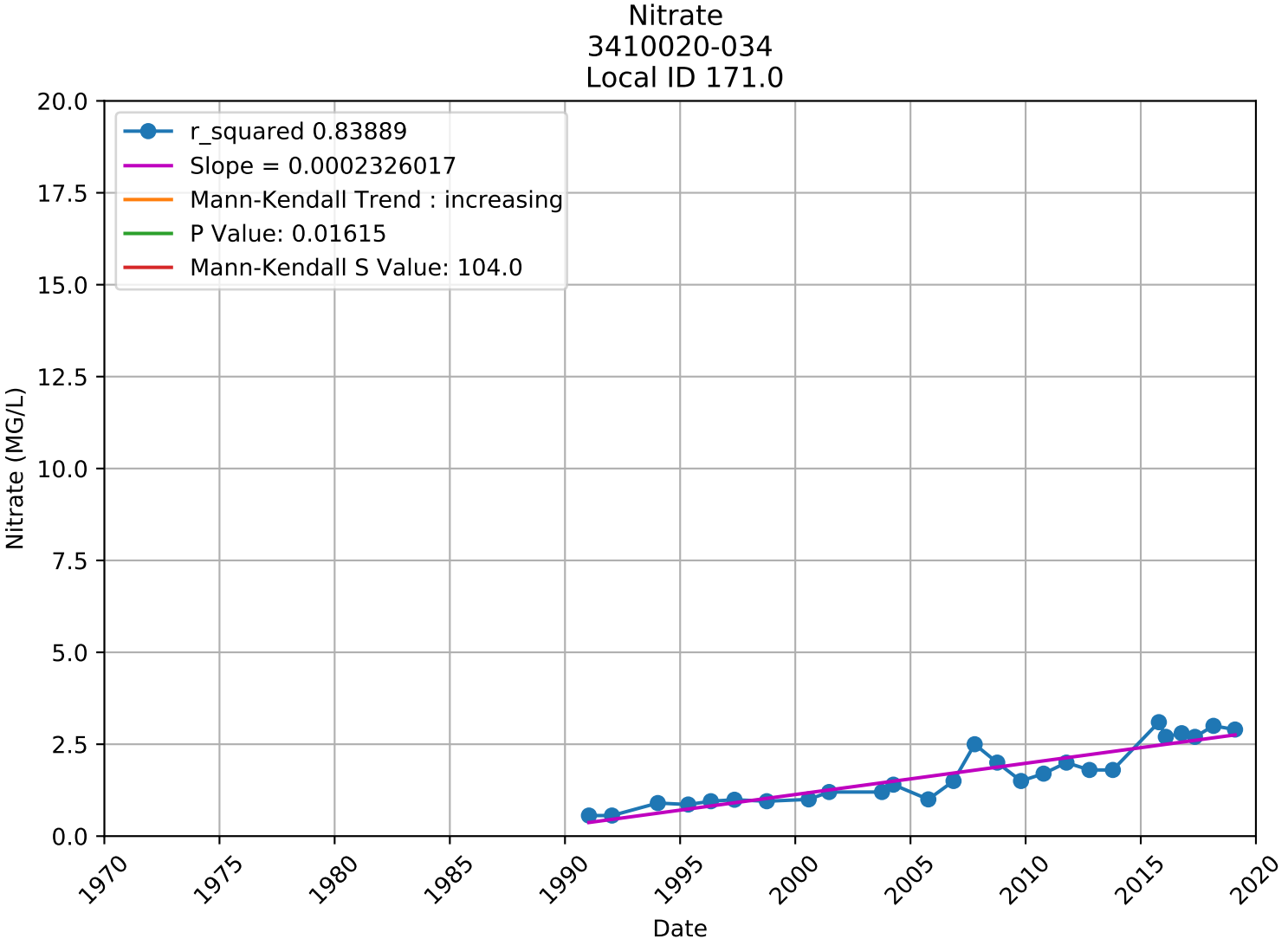

Nitrate
3410020-028
Local ID 279.0
r_squared 0.37601
Slope = 0.0001229925
Mann-Kendall Trend : increasing
P Value: 0.00000
Mann-Kendall S Value: 231.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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5.0
2.5
0.0
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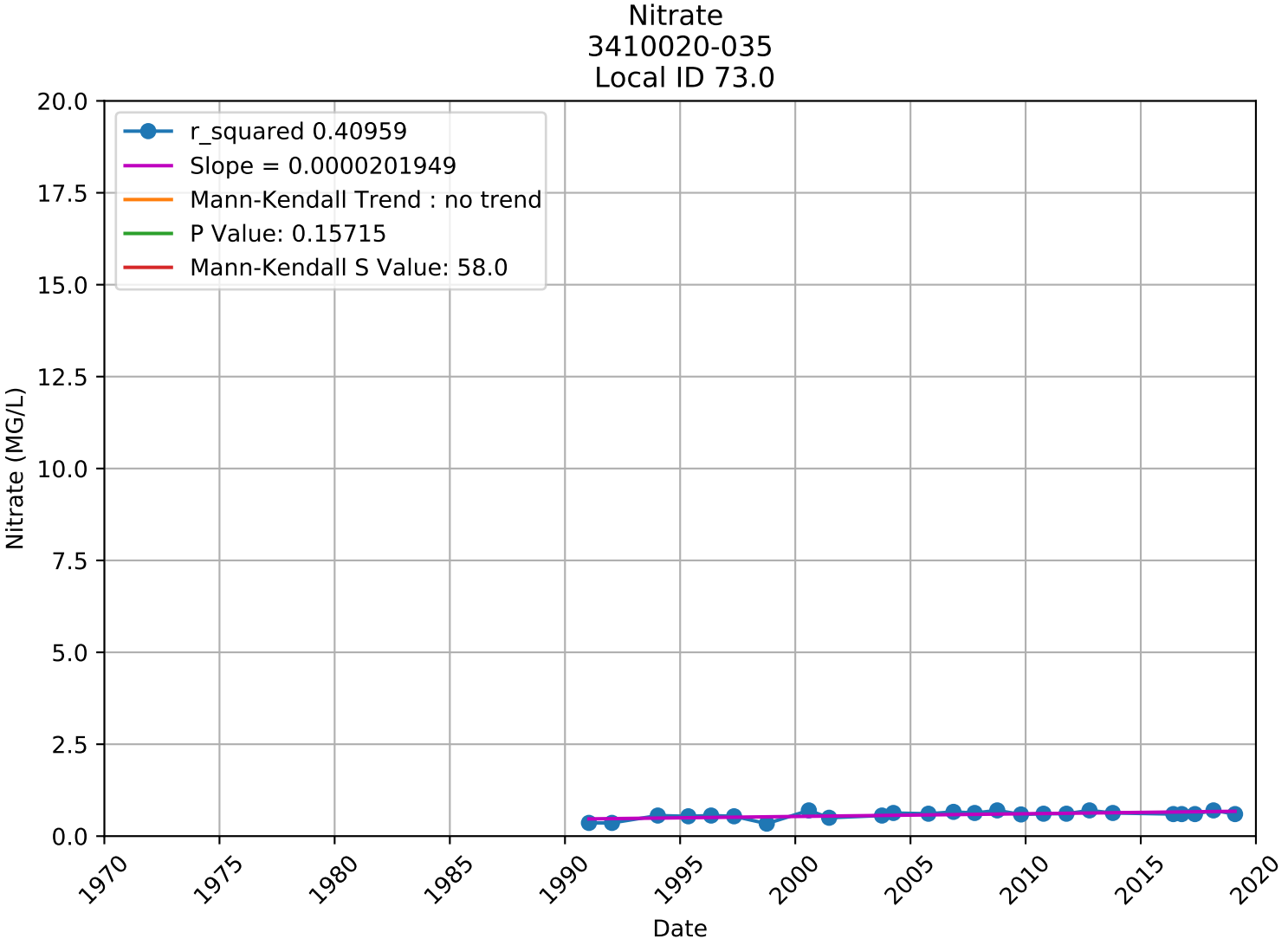

Nitrate
3410020-029
Local ID 108.0
r_squared 0.04144
Slope = 0.0000529613
Mann-Kendall Trend : no trend
P Value: 0.48376
Mann-Kendall S Value: 18.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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10.0
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2.5
0.0
1970
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2020

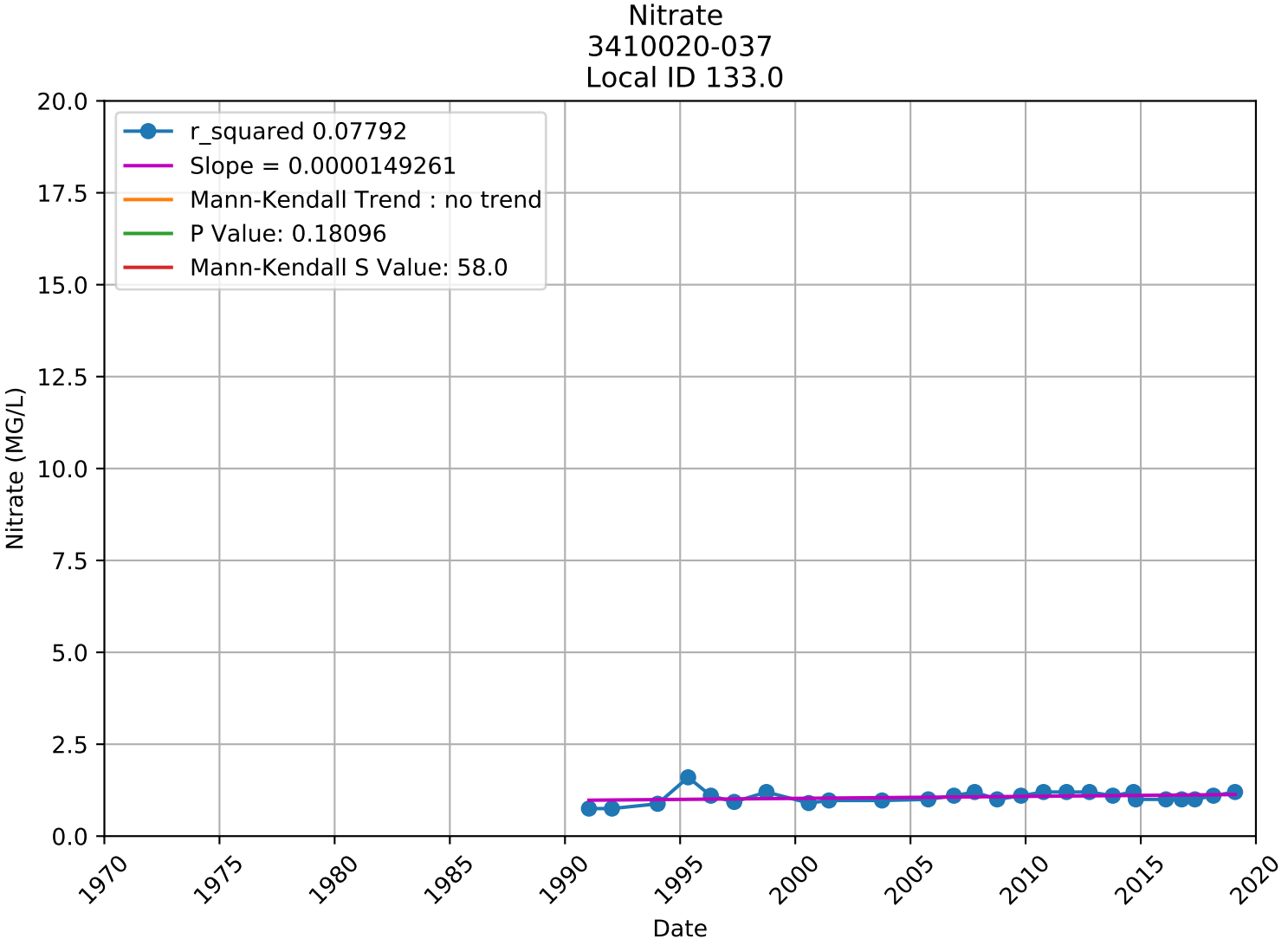

Nitrate
3410020-030
Local ID 107.0
r_squared 0.26220
Slope = -0.0000429488
Mann-Kendall Trend : no trend
P Value: 0.89354
Mann-Kendall S Value: -6.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
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5.0
2.5
0.0
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2020

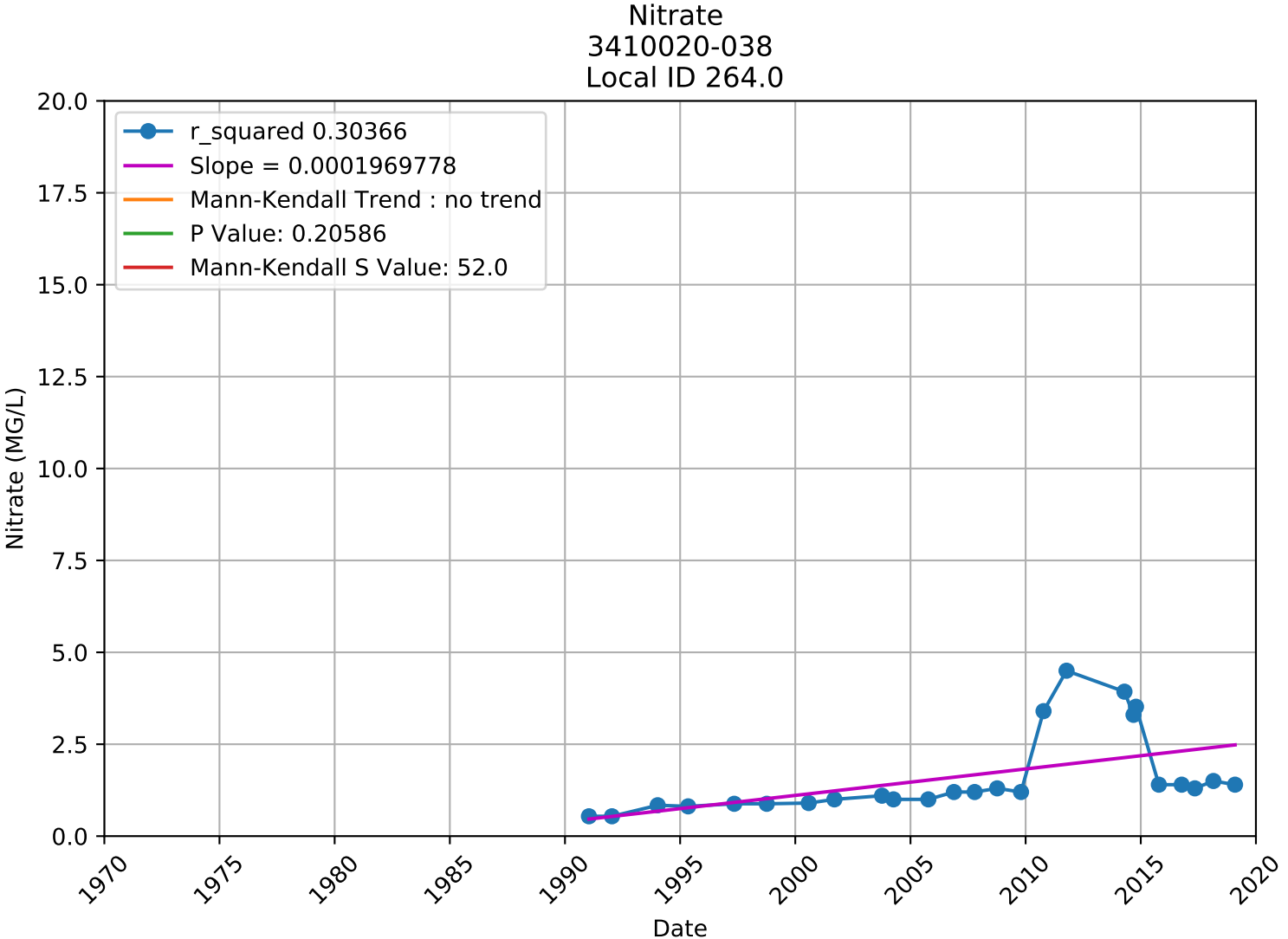

Nitrate
3410020-032
Local ID 59.0
r_squared 0.00003
Slope = -0.0000010451
Mann-Kendall Trend : no trend
P Value: 0.54314
Mann-Kendall S Value: -24.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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10.0
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5.0
2.5
0.0
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2015
2020

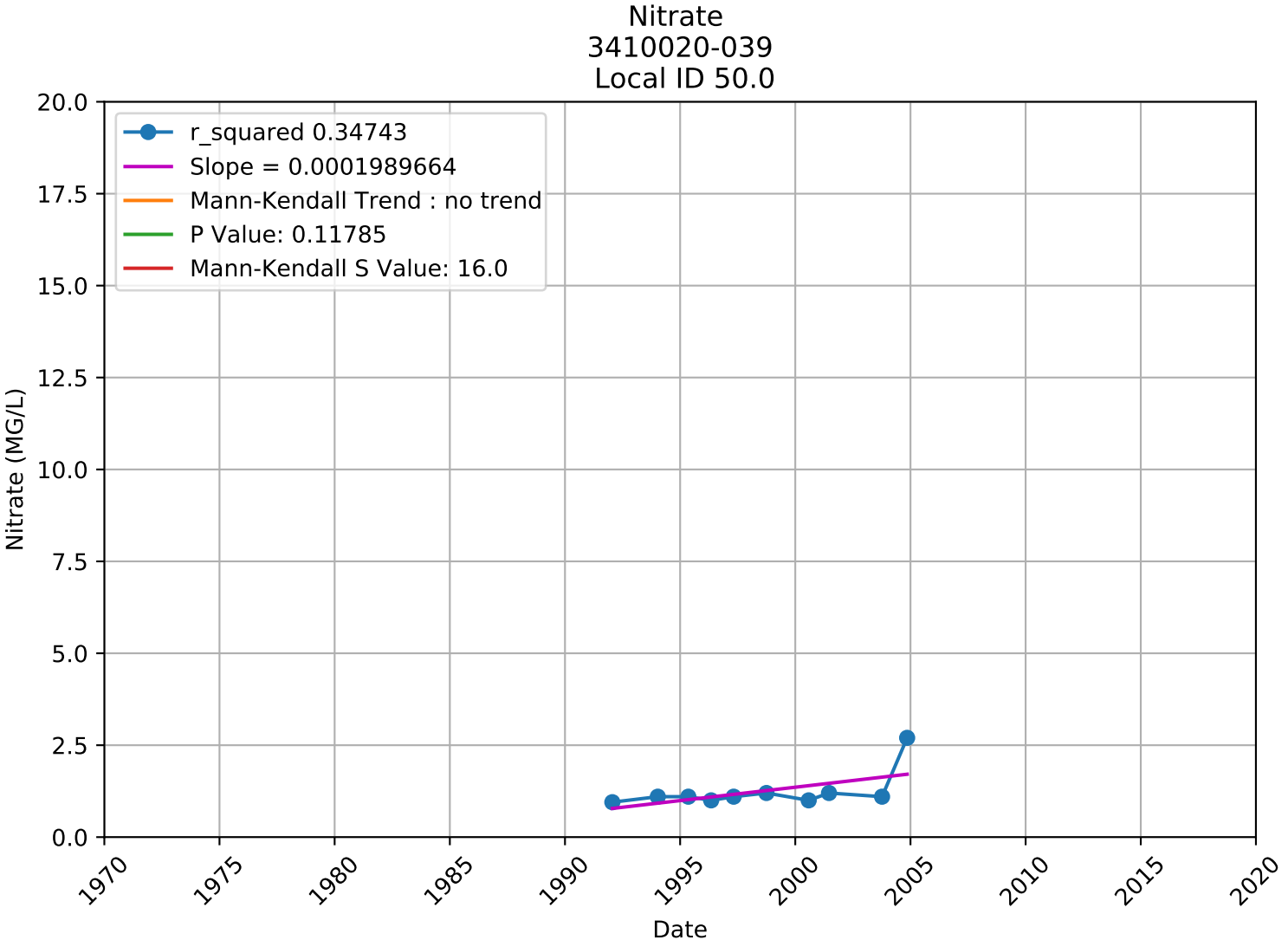

Nitrate
3410020-033
Local ID 55.0
r_squared 0.00000
Slope = 0.0000002342
Mann-Kendall Trend : increasing
P Value: 0.01177
Mann-Kendall S Value: 73.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
1975
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1985
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2015
2020

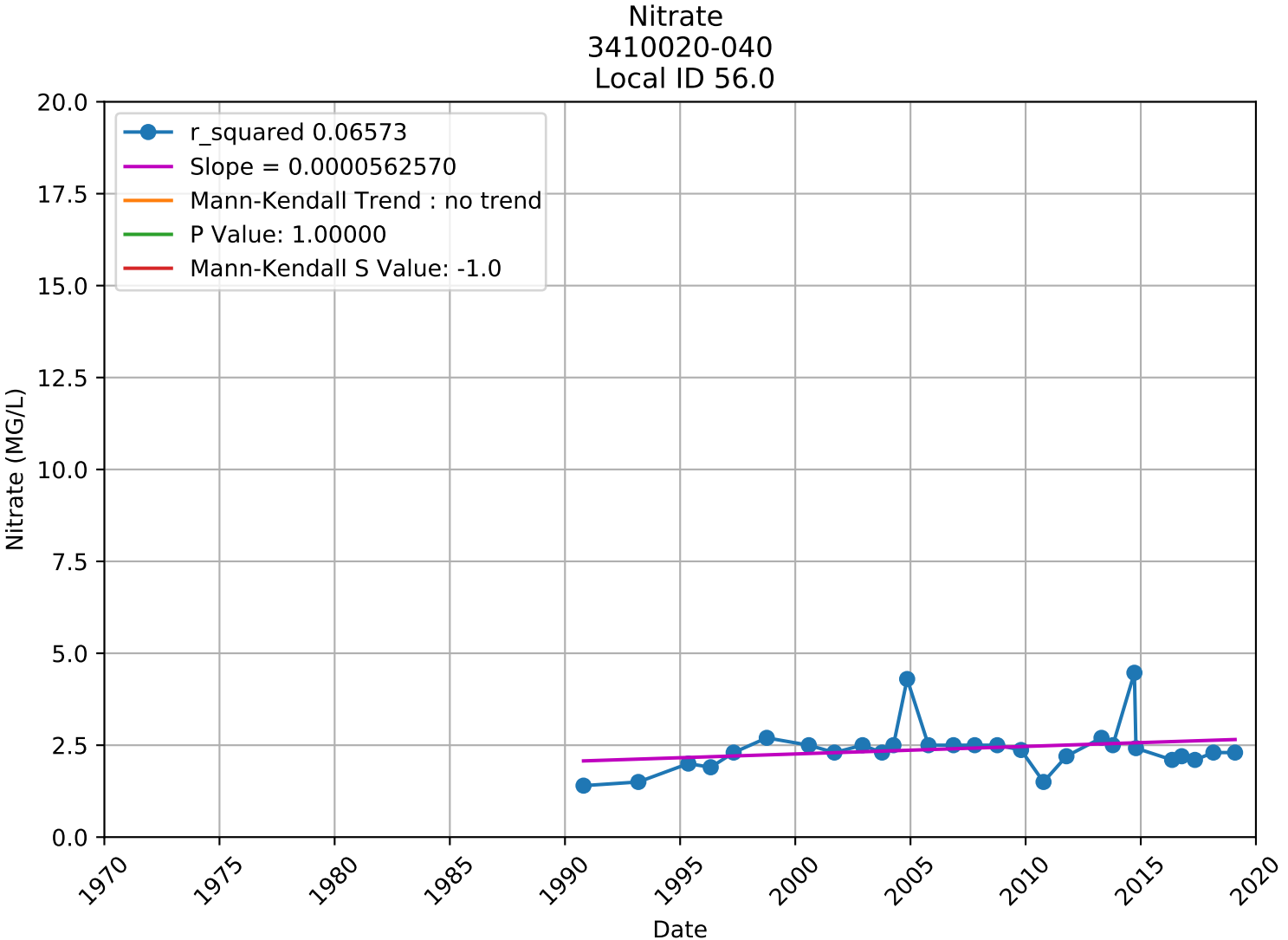

Nitrate
3410020-034
Local ID 171.0
r_squared 0.83889
Slope = 0.0002326017
Mann-Kendall Trend : increasing
P Value: 0.01615
Mann-Kendall S Value: 104.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
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5.0
2.5
0.0
1970
1975
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1985
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2010
2015
2020

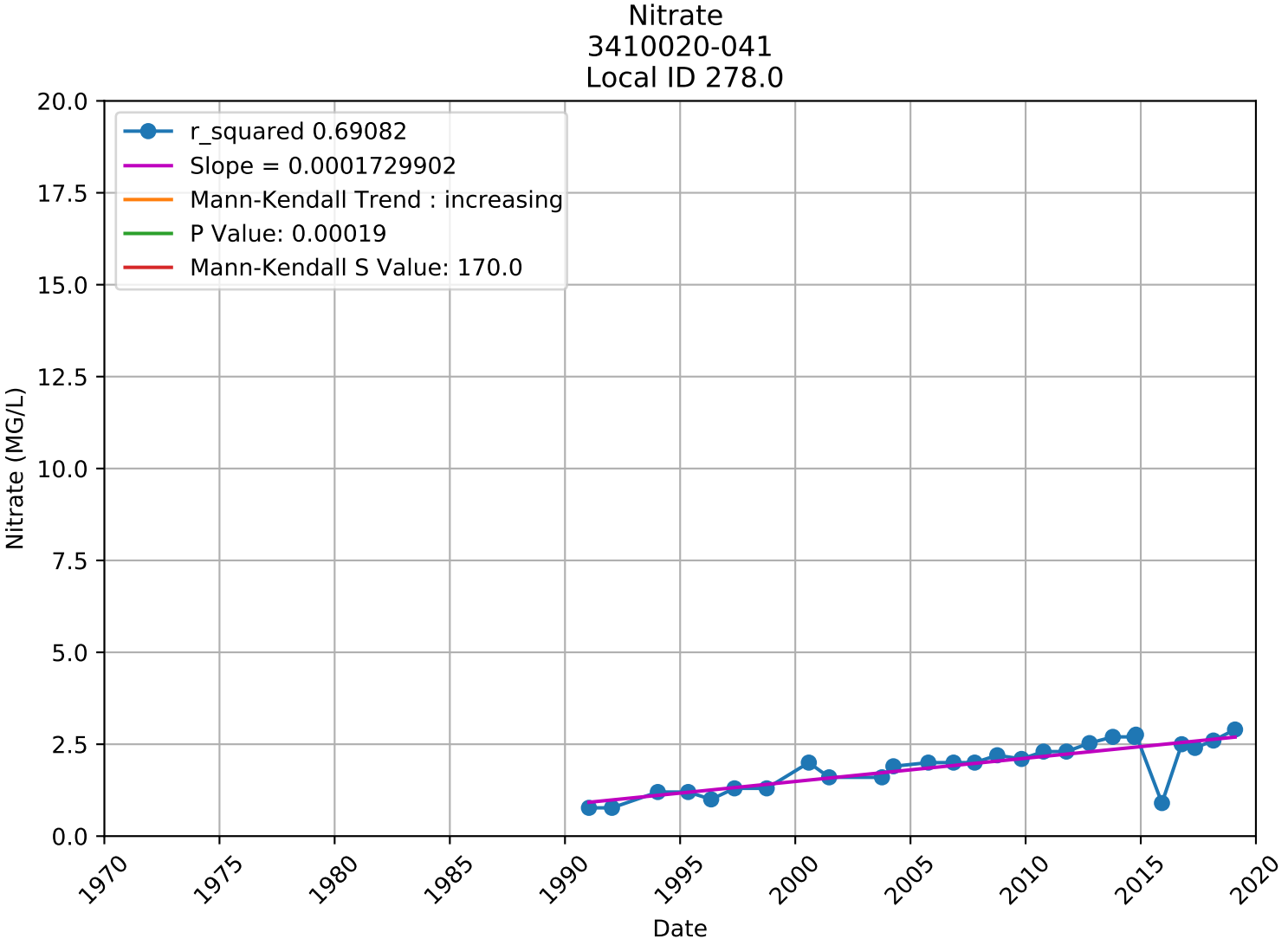

Nitrate
3410020-035
Local ID 73.0
r_squared 0.40959
Slope = 0.0000201949
Mann-Kendall Trend : no trend
P Value: 0.15715
Mann-Kendall S Value: 58.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
1975
1980
1985
1990
1995
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2015
2020

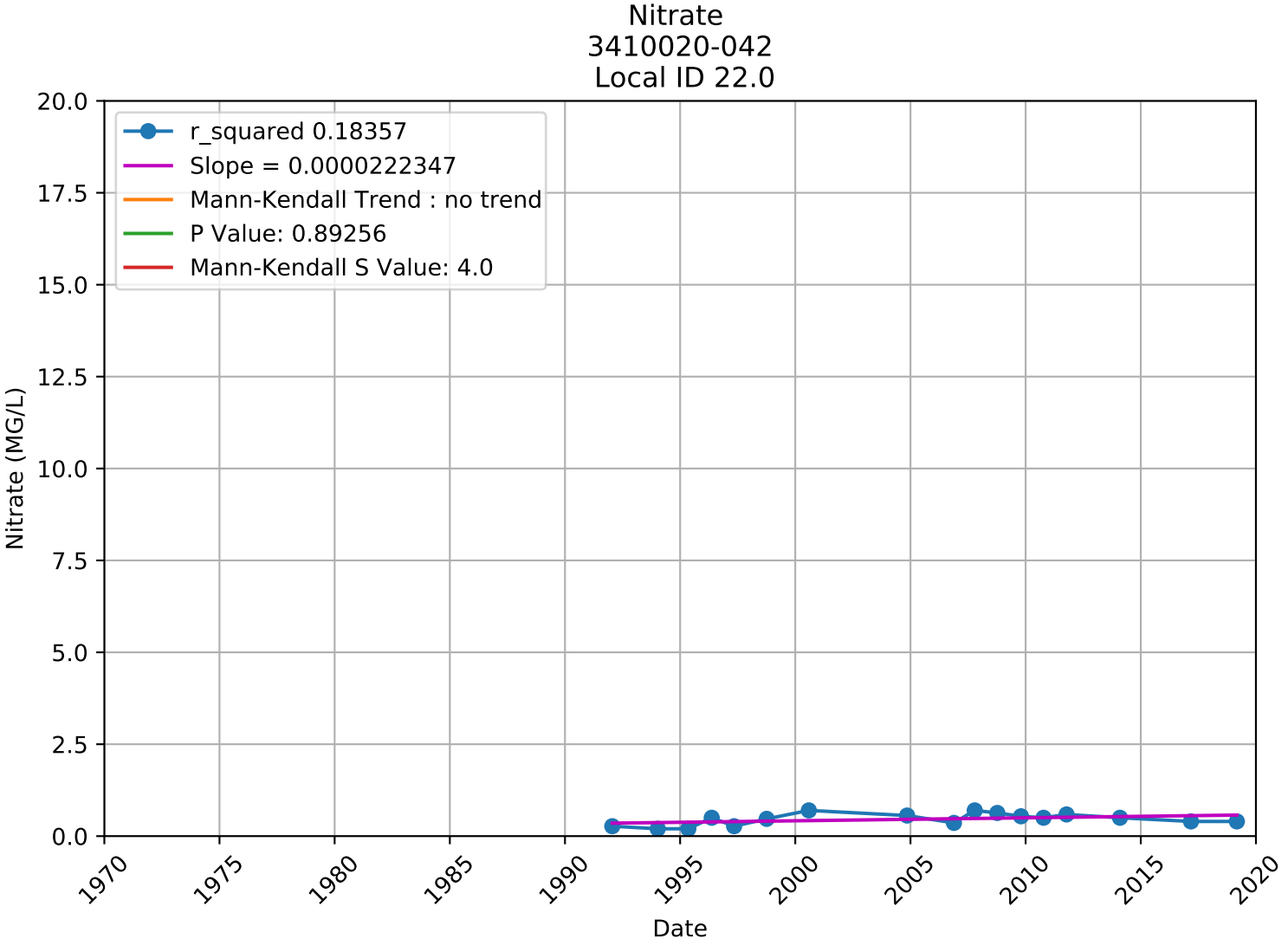

Nitrate
3410020-037
Local ID 133.0
r_squared 0.07792
Slope = 0.0000149261
Mann-Kendall Trend : no trend
P Value: 0.18096
Mann-Kendall S Value: 58.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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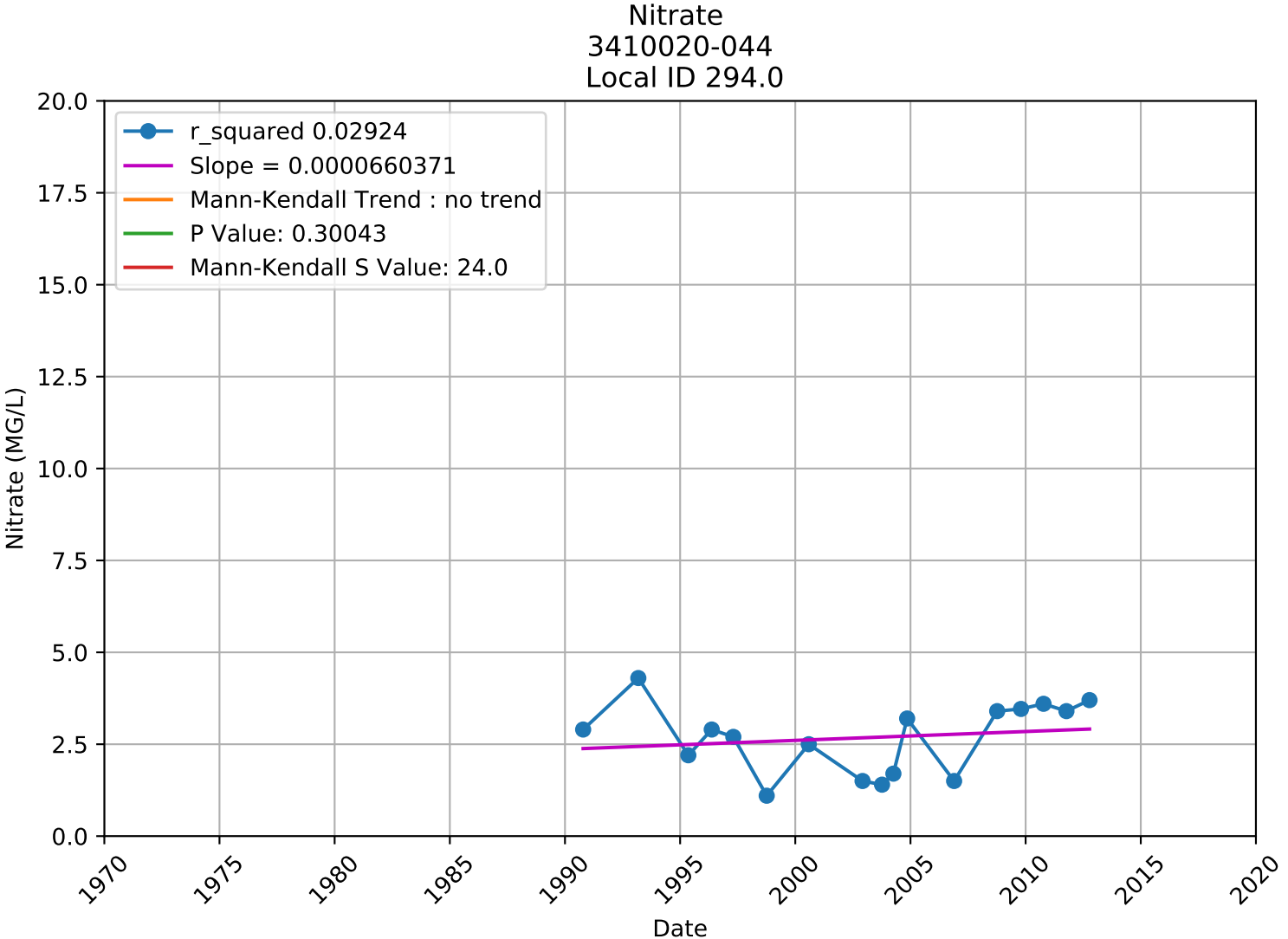

Nitrate
3410020-038
Local ID 264.0
r_squared 0.30366
Slope = 0.0001969778
Mann-Kendall Trend : no trend
P Value: 0.20586
Mann-Kendall S Value: 52.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
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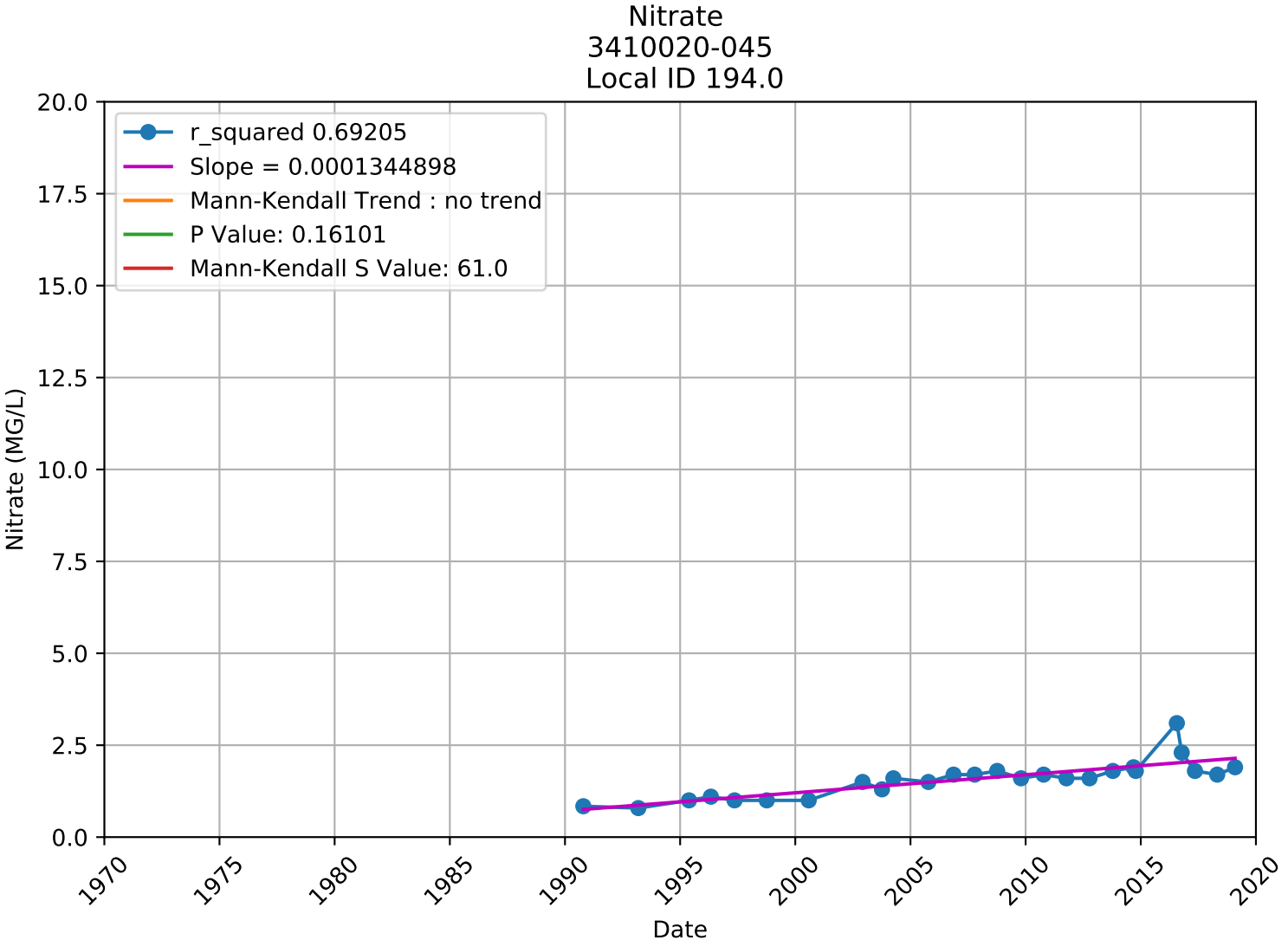

Nitrate
3410020-039
Local ID 50.0
r_squared 0.34743
Slope = 0.0001989664
Mann-Kendall Trend : no trend
P Value: 0.11785
Mann-Kendall S Value: 16.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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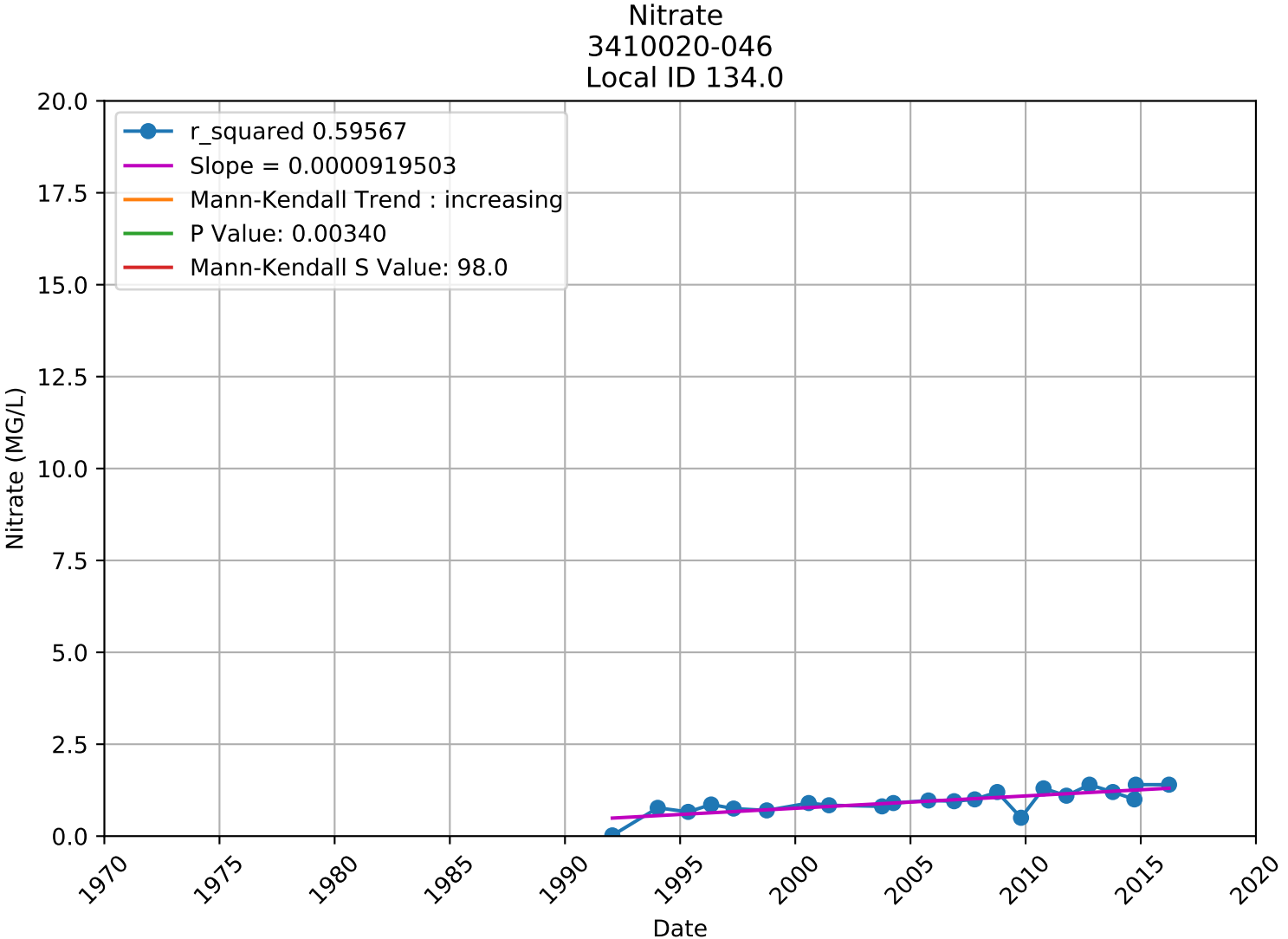

Nitrate
3410020-040
Local ID 56.0
r_squared 0.06573
Slope = 0.0000562570
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
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5.0
2.5
0.0
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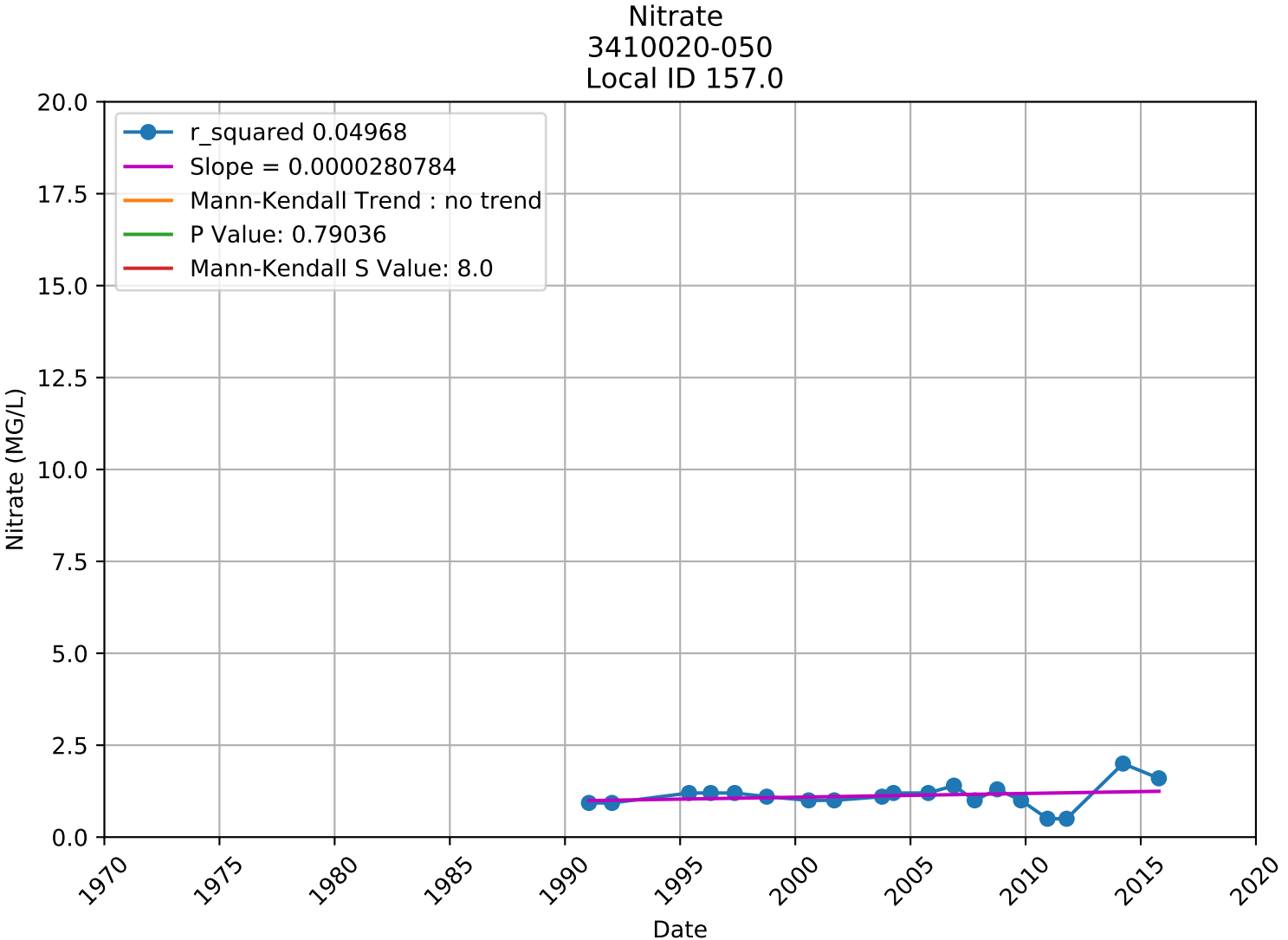

Nitrate
3410020-041
Local ID 278.0
r_squared 0.69082
Slope = 0.0001729902
Mann-Kendall Trend : increasing
P Value: 0.00019
Mann-Kendall S Value: 170.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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5.0
2.5
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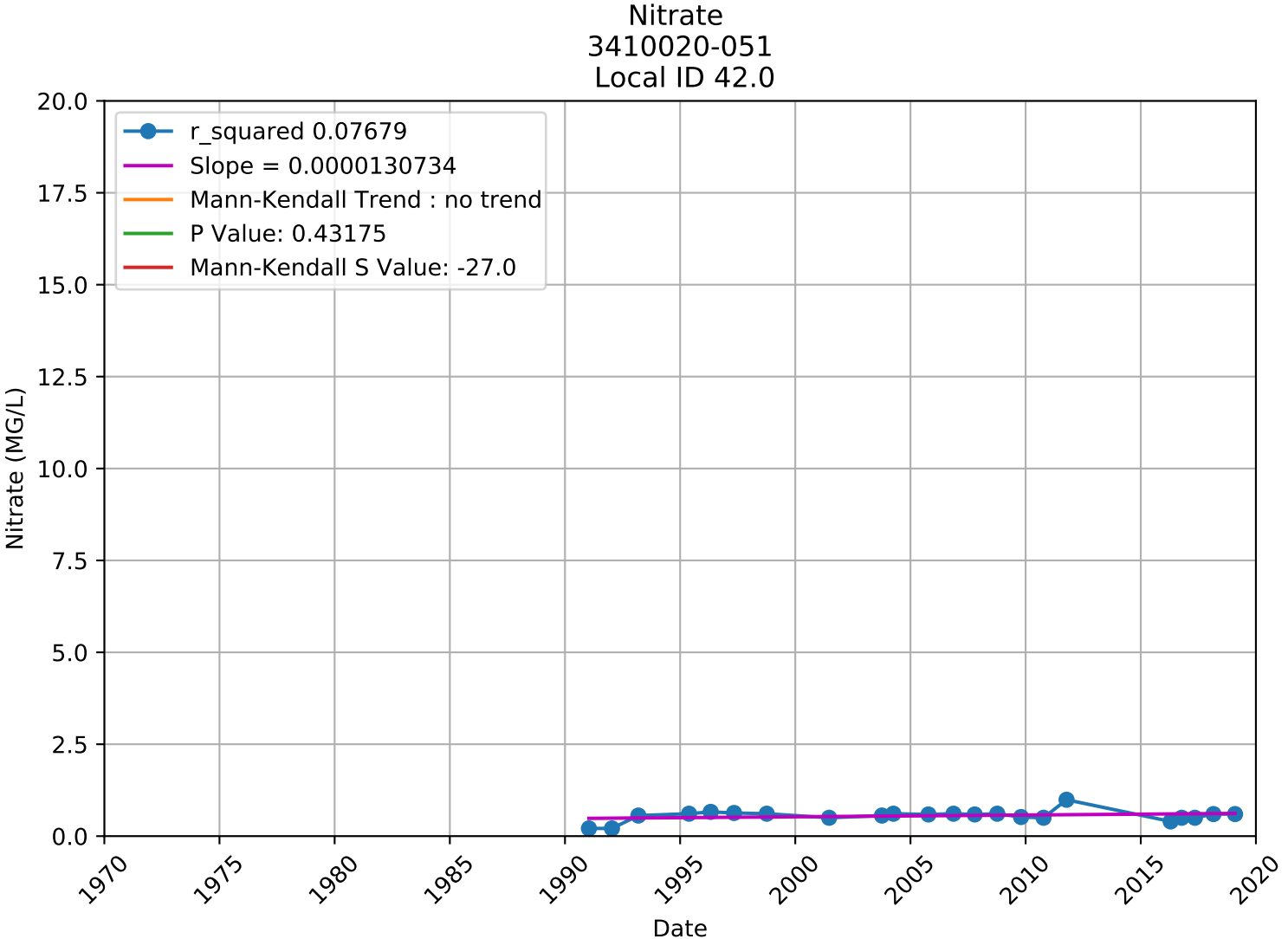

Nitrate
3410020-042
Local ID 22.0
r_squared 0.18357
Slope = 0.0000222347
Mann-Kendall Trend : no trend
P Value: 0.89256
Mann-Kendall S Value: 4.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
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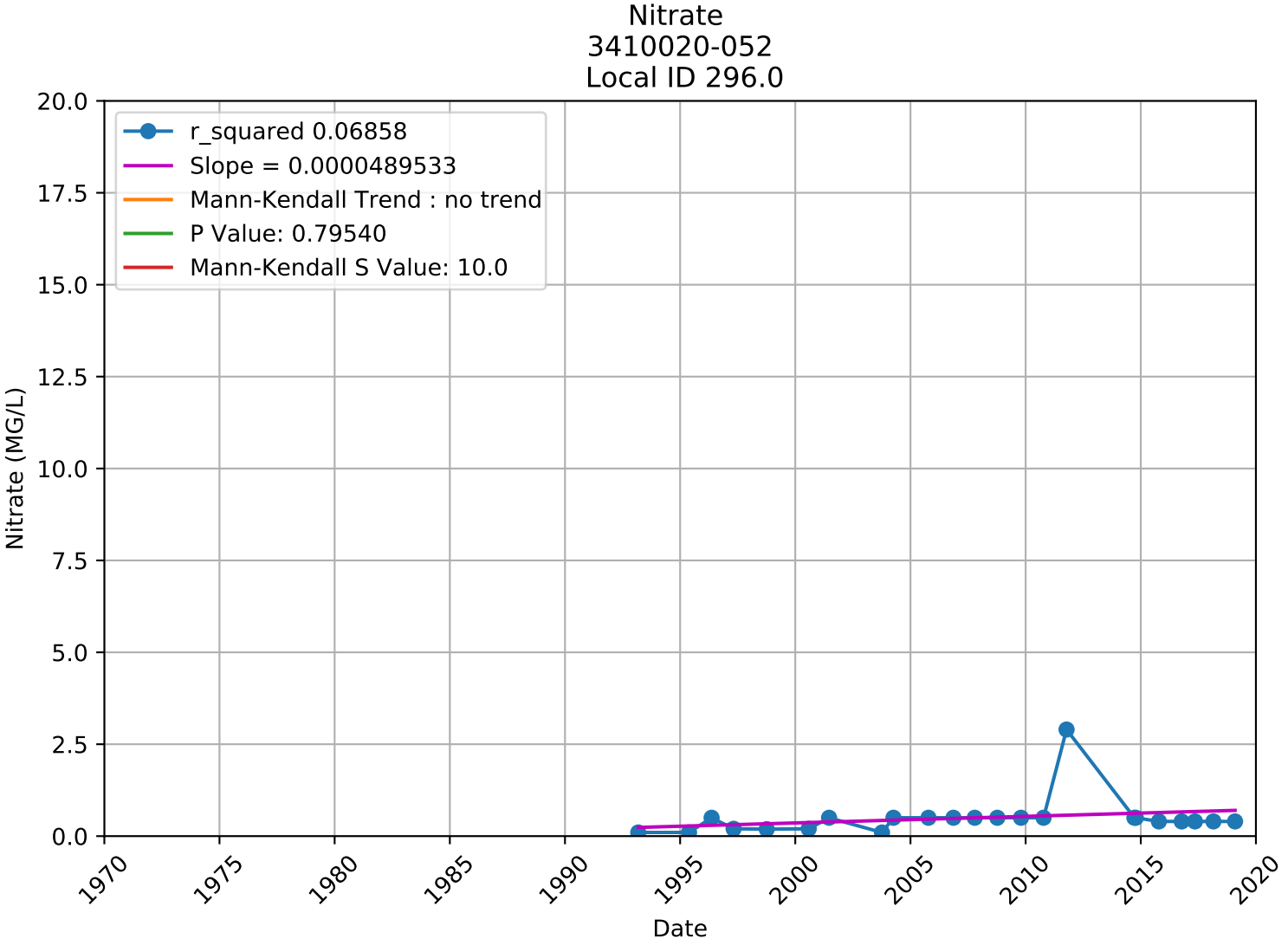

Nitrate
3410020-044
Local ID 294.0
r_squared 0.02924
Slope = 0.0000660371
Mann-Kendall Trend : no trend
P Value: 0.30043
Mann-Kendall S Value: 24.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
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5.0
2.5
0.0
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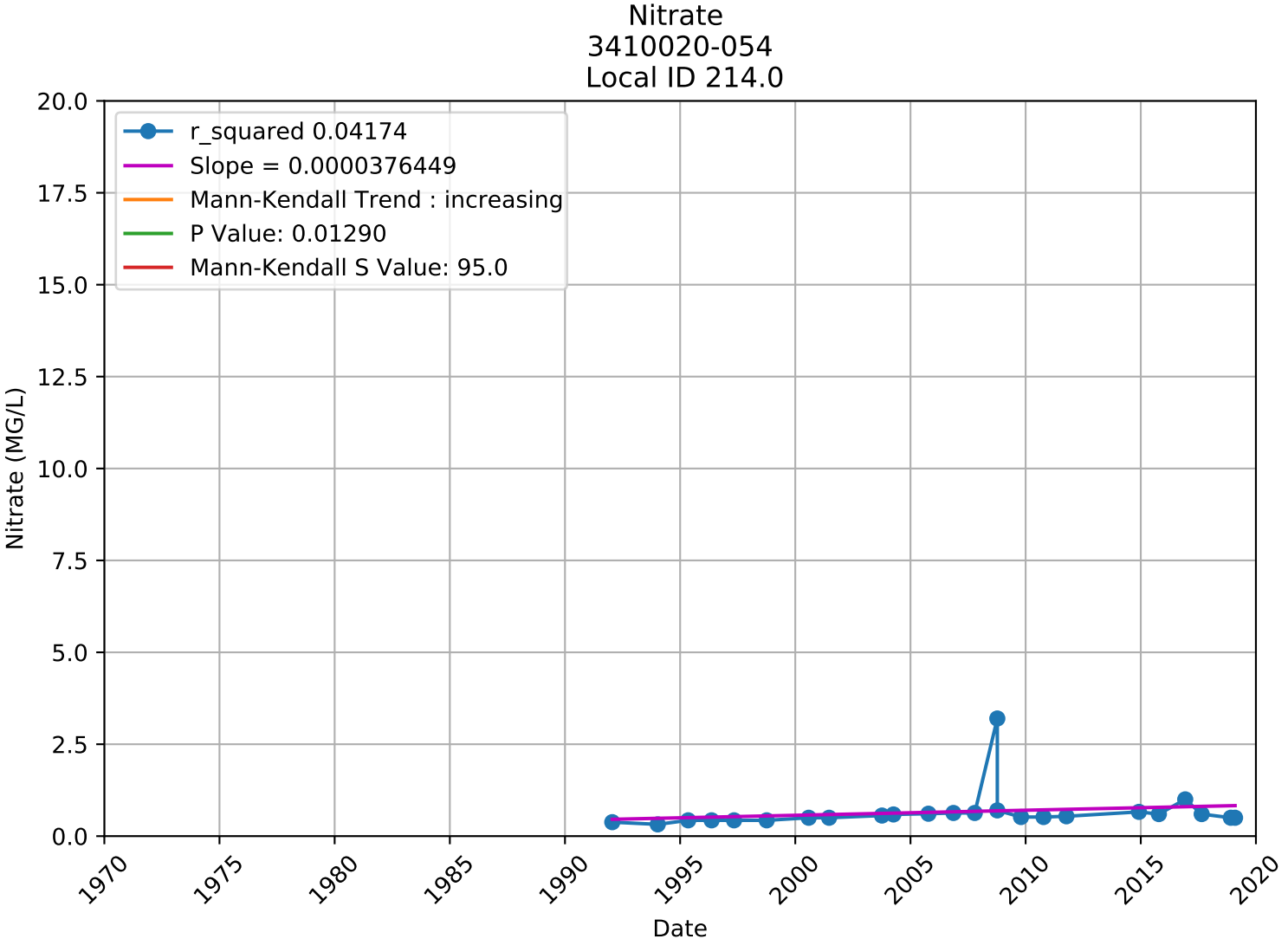

Nitrate
3410020-045
Local ID 194.0
r_squared 0.69205
Slope = 0.0001344898
Mann-Kendall Trend : no trend
P Value: 0.16101
Mann-Kendall S Value: 61.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
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1970
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2020

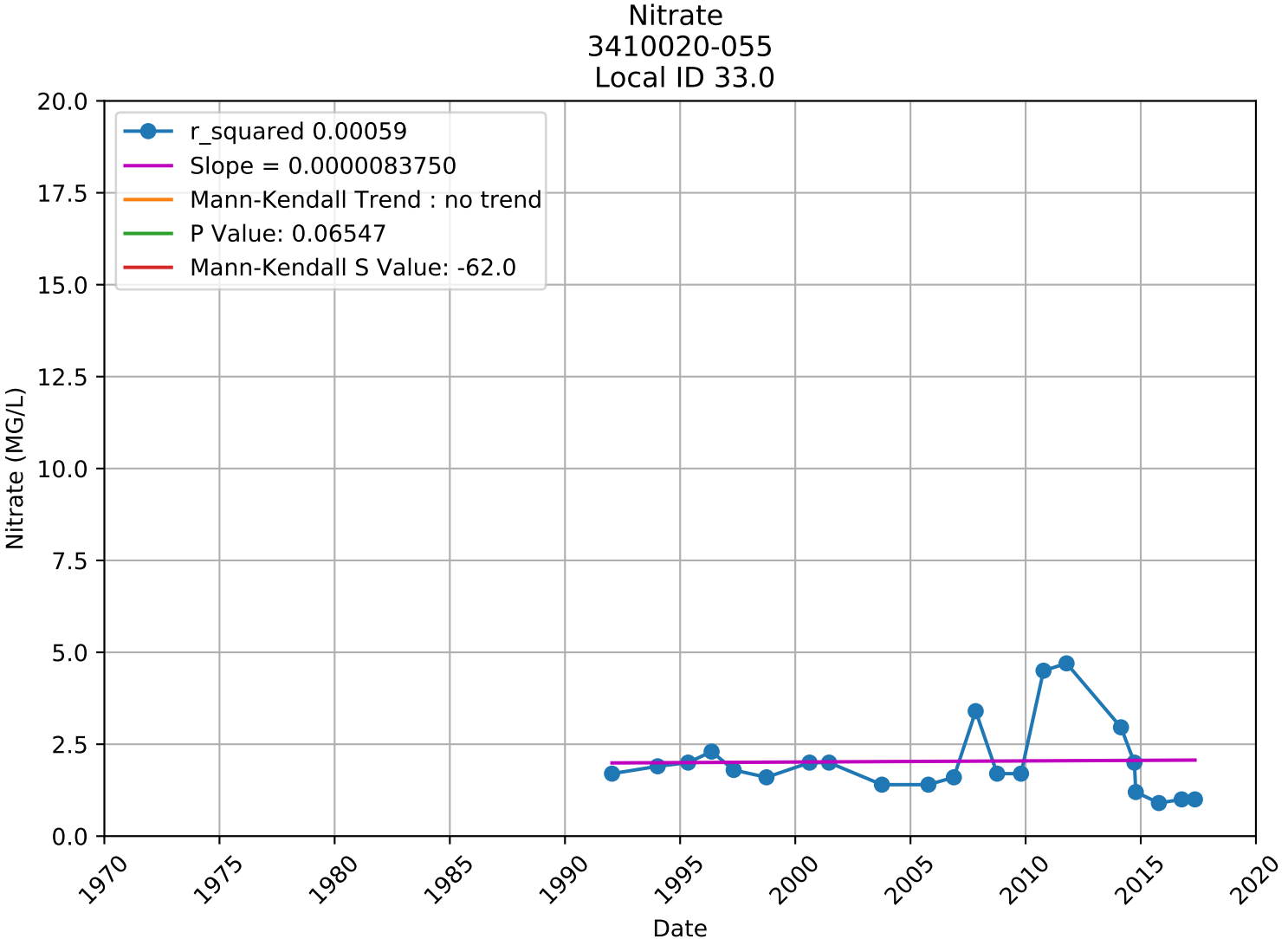

Nitrate
3410020-046
Local ID 134.0
r_squared 0.59567
Slope = 0.0000919503
Mann-Kendall Trend : increasing
P Value: 0.00340
Mann-Kendall S Value: 98.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
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1970
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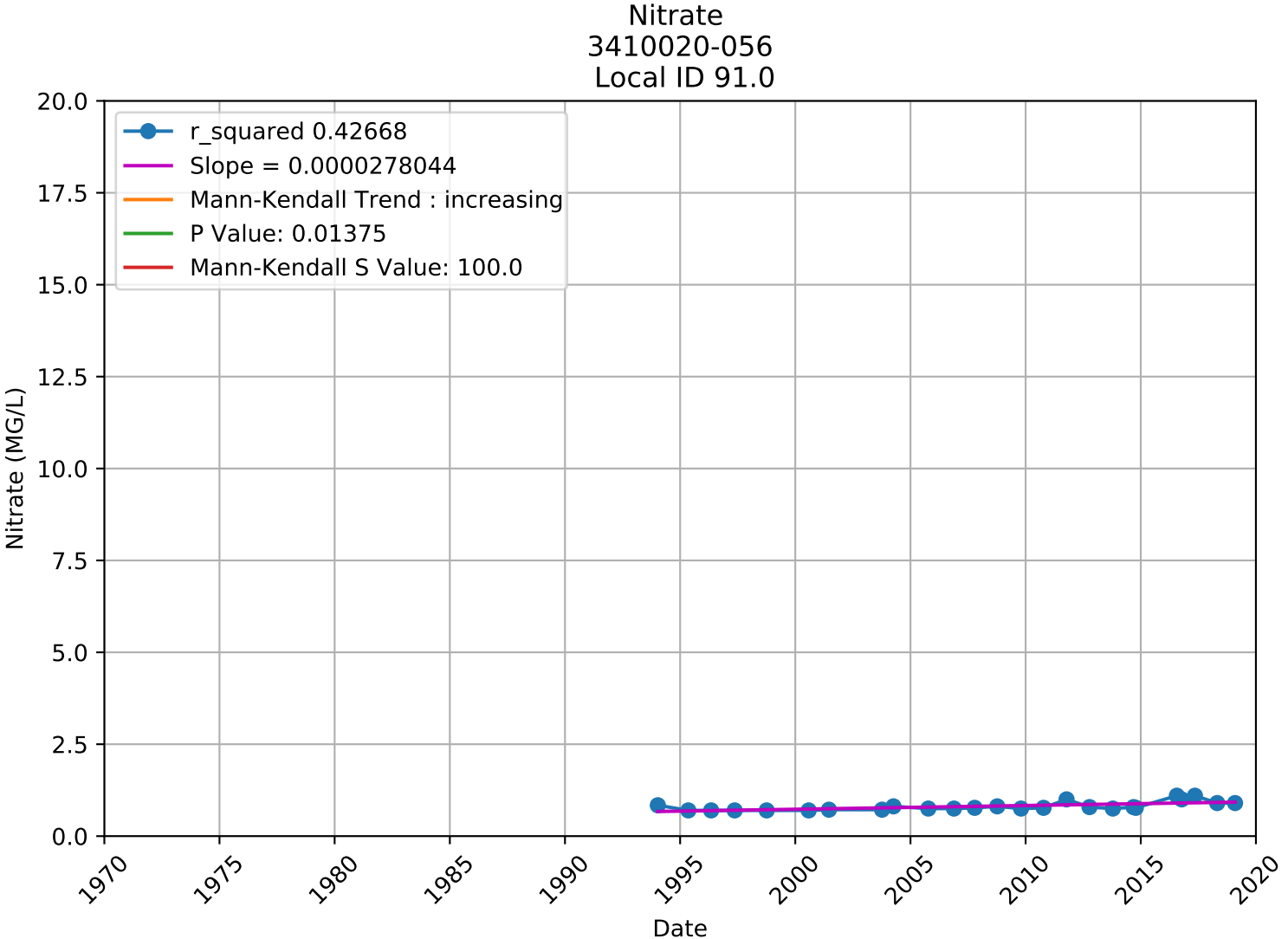

Nitrate
3410020-050
Local ID 157.0
r_squared 0.04968
Slope = 0.0000280784
Mann-Kendall Trend : no trend
P Value: 0.79036
Mann-Kendall S Value: 8.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
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5.0
2.5
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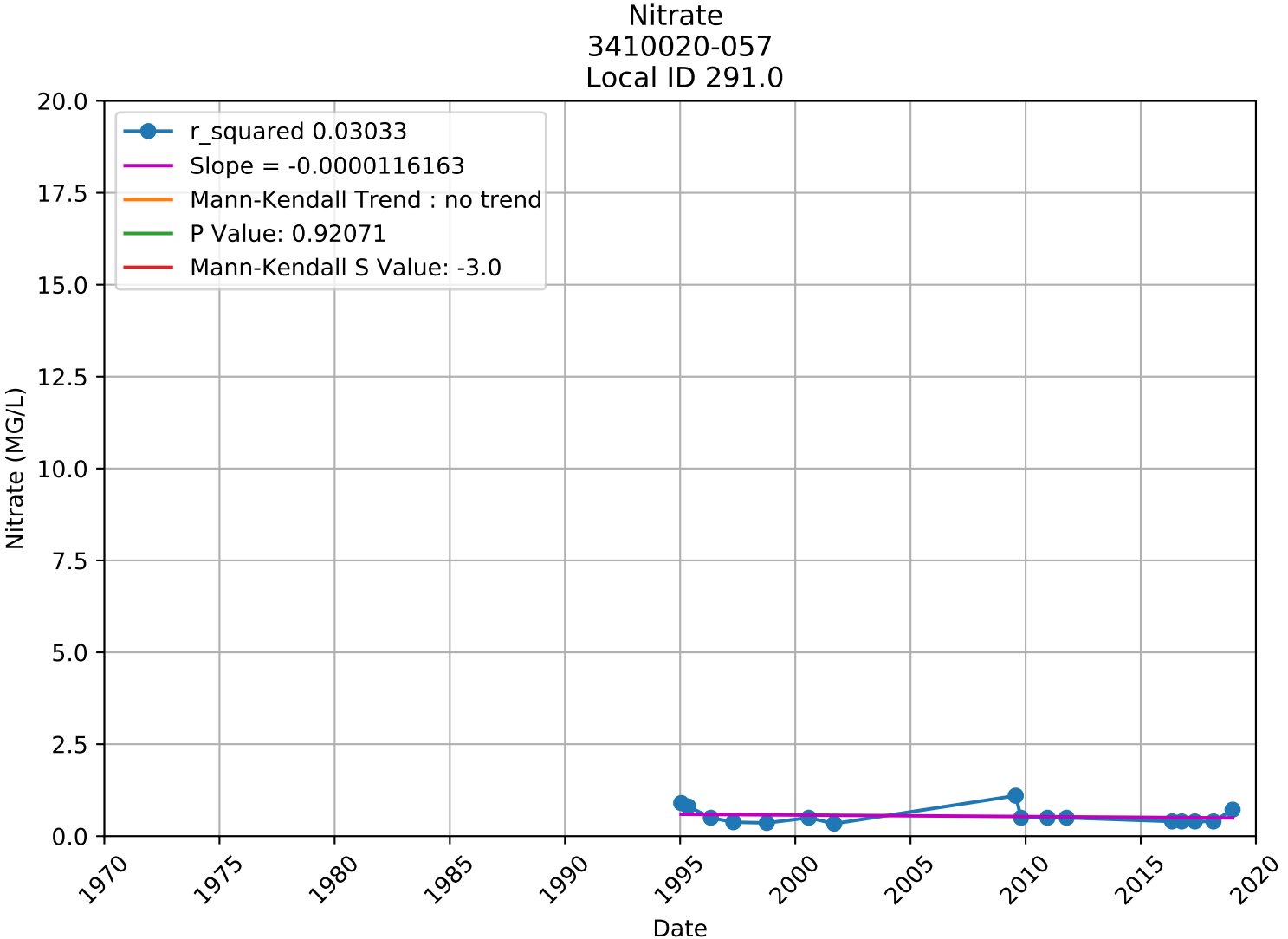

Nitrate
3410020-051
Local ID 42.0
r_squared 0.07679
Slope = 0.0000130734
Mann-Kendall Trend : no trend
P Value: 0.43175
Mann-Kendall S Value: -27.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
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1970
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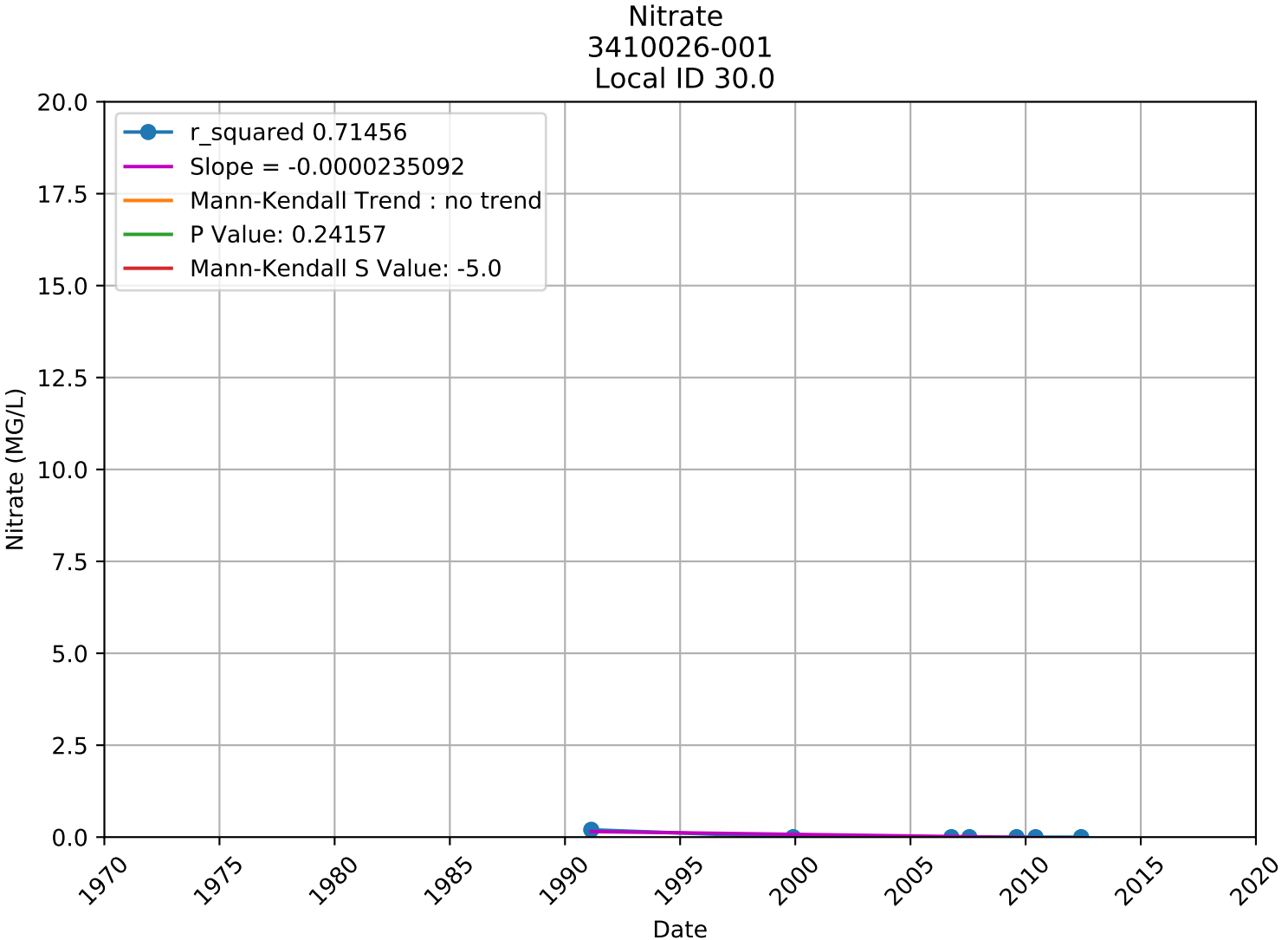

Nitrate
3410020-052
Local ID 296.0
r_squared 0.06858
Slope = 0.0000489533
Mann-Kendall Trend : no trend
P Value: 0.79540
Mann-Kendall S Value: 10.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
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1970
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2015
2020

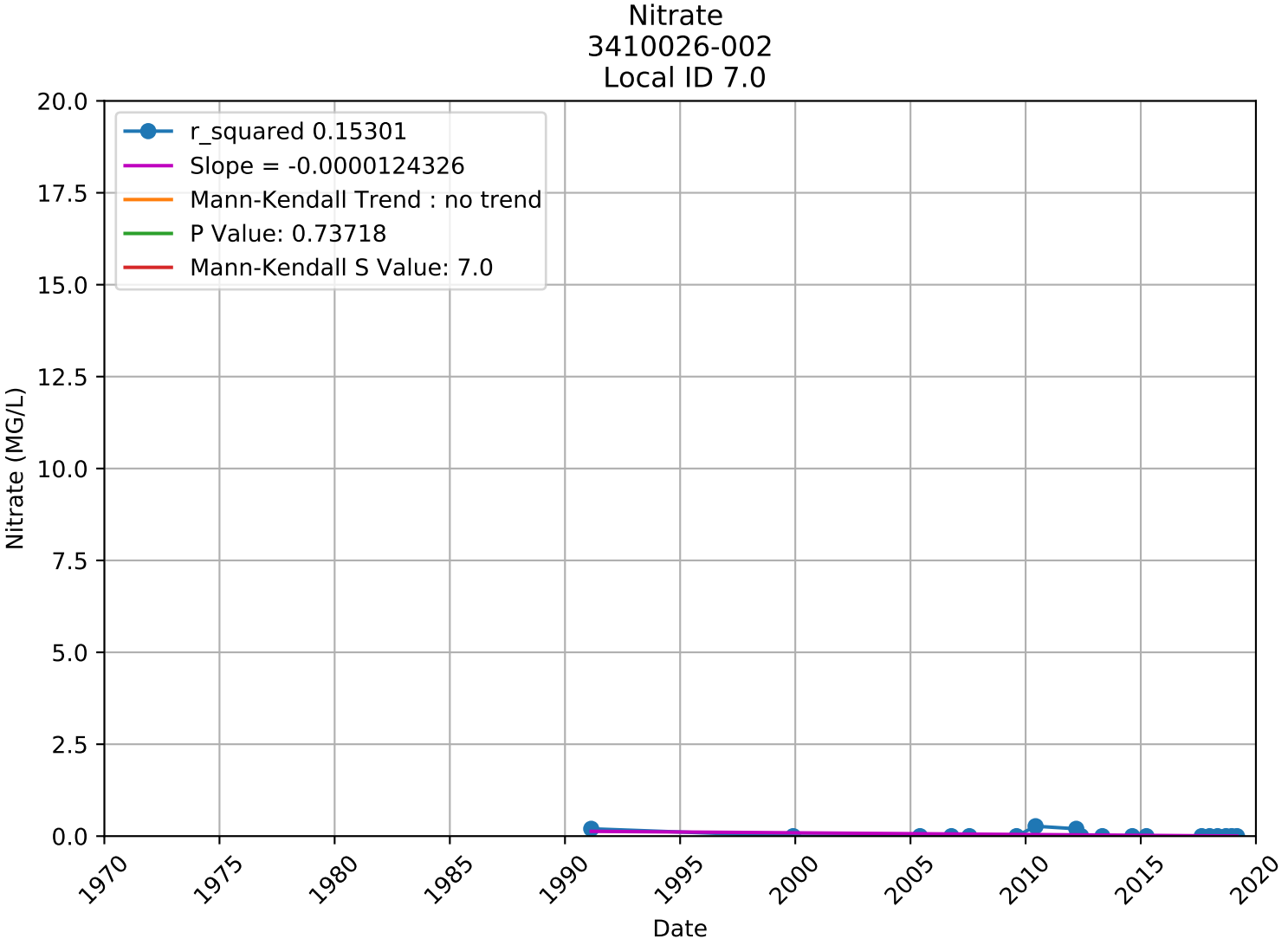

Nitrate
3410020-054
Local ID 214.0
r_squared 0.04174
Slope = 0.0000376449
Mann-Kendall Trend : increasing
P Value: 0.01290
Mann-Kendall S Value: 95.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
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1970
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2020

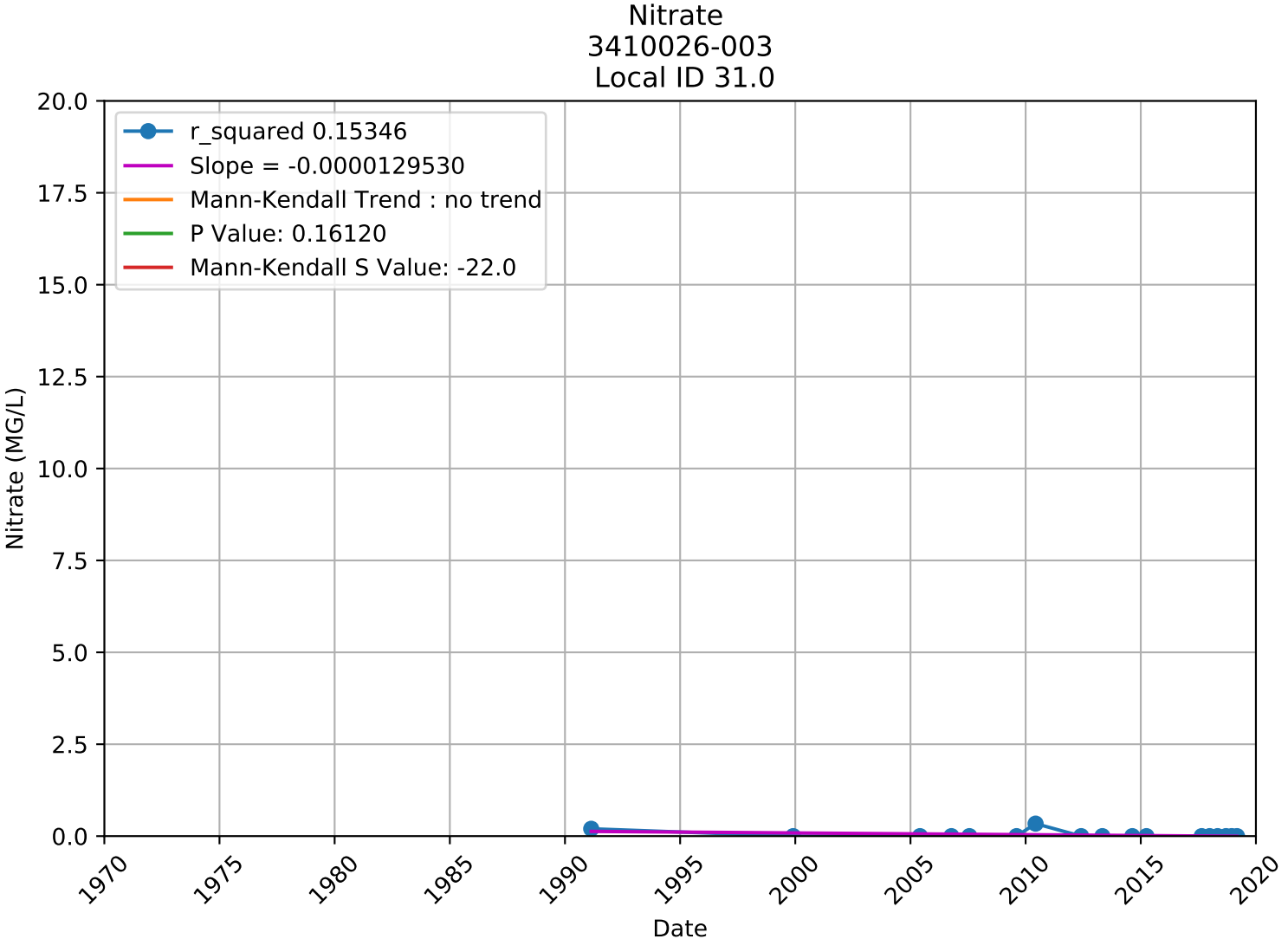

Nitrate
3410020-055
Local ID 33.0
r_squared 0.00059
Slope = 0.0000083750
Mann-Kendall Trend : no trend
P Value: 0.06547
Mann-Kendall S Value: -62.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
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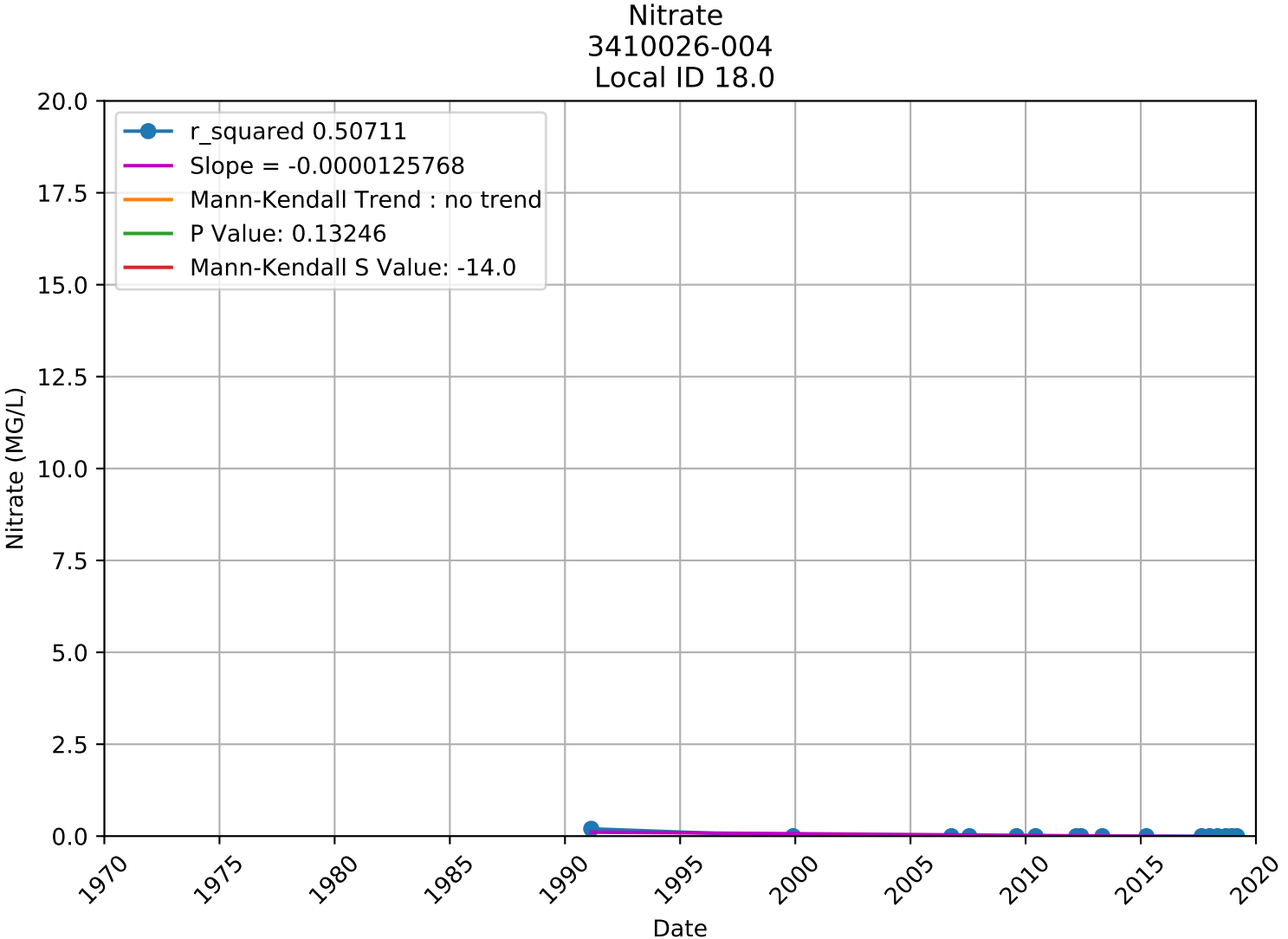

Nitrate
3410020-056
Local ID 91.0
r_squared 0.42668
Slope = 0.0000278044
Mann-Kendall Trend : increasing
P Value: 0.01375
Mann-Kendall S Value: 100.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
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5.0
2.5
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1970
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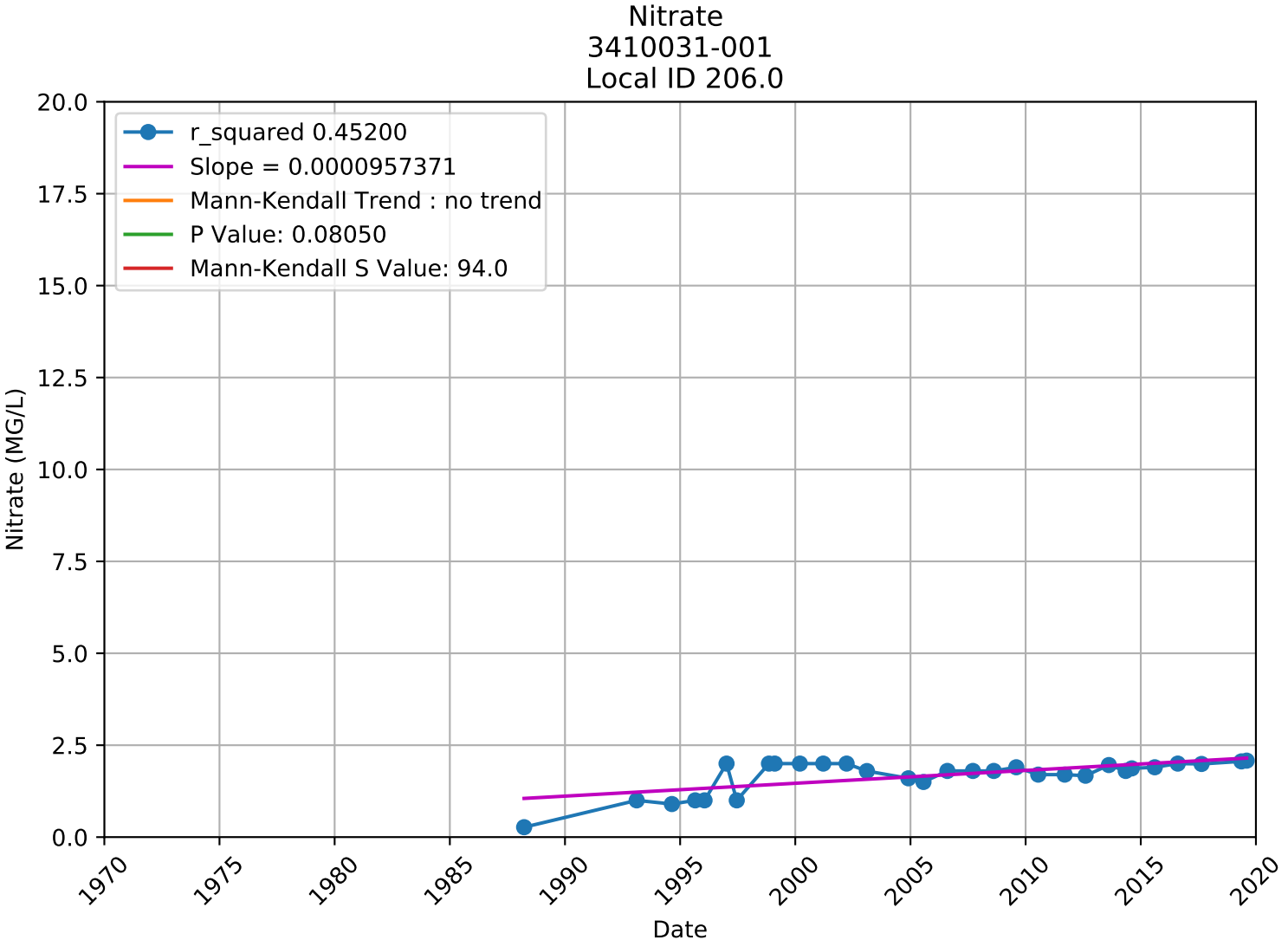

Nitrate
3410020-057
Local ID 291.0
r_squared 0.03033
Slope = -0.0000116163
Mann-Kendall Trend : no trend
P Value: 0.92071
Mann-Kendall S Value: -3.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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5.0
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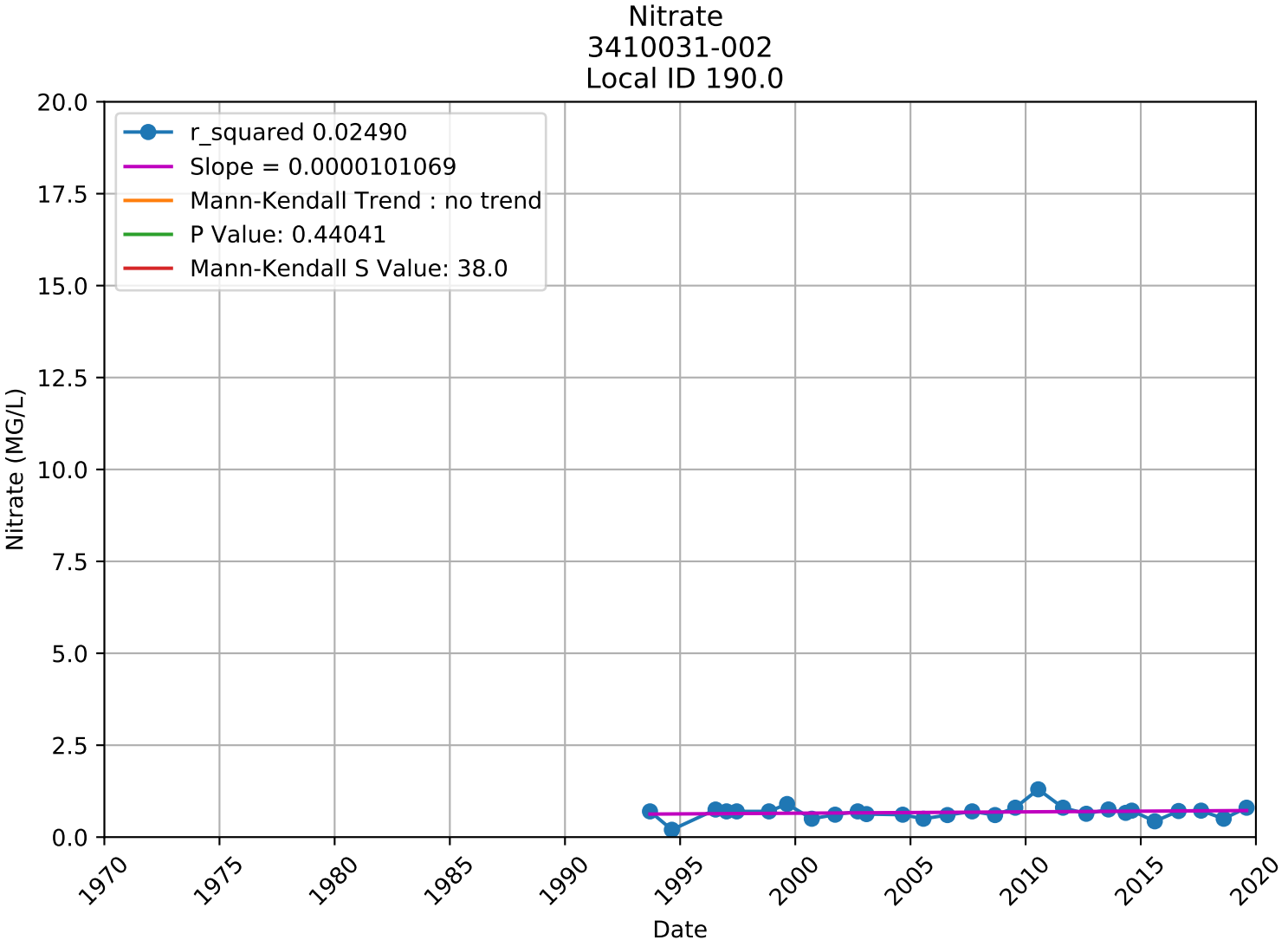

Nitrate
3410026-001
Local ID 30.0
r_squared 0.71456
Slope = -0.0000235092
Mann-Kendall Trend : no trend
P Value: 0.24157
Mann-Kendall S Value: -5.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
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2.5
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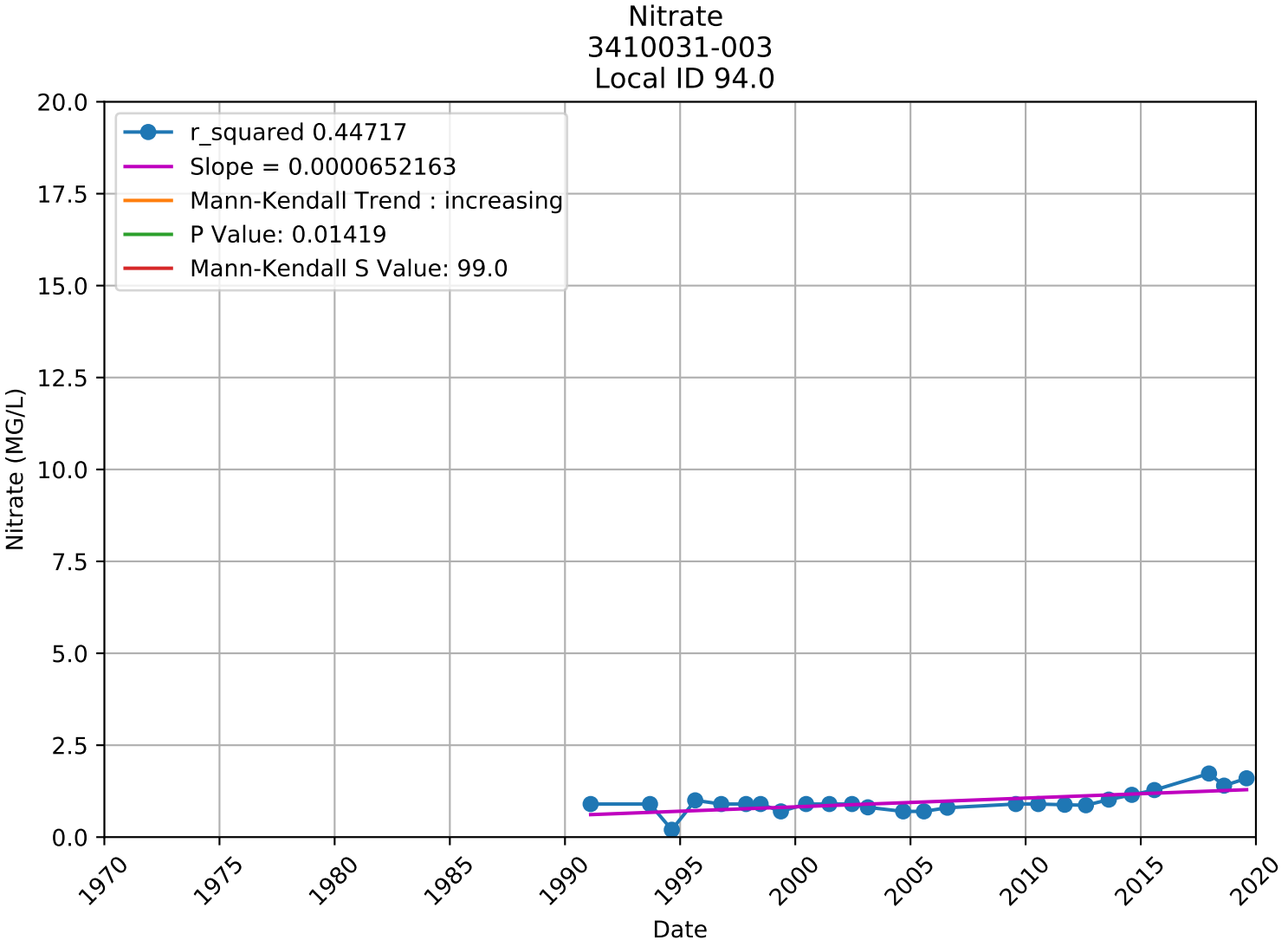

Nitrate
3410026-002
Local ID 7.0
r_squared 0.15301
Slope = -0.0000124326
Mann-Kendall Trend : no trend
P Value: 0.73718
Mann-Kendall S Value: 7.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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5.0
2.5
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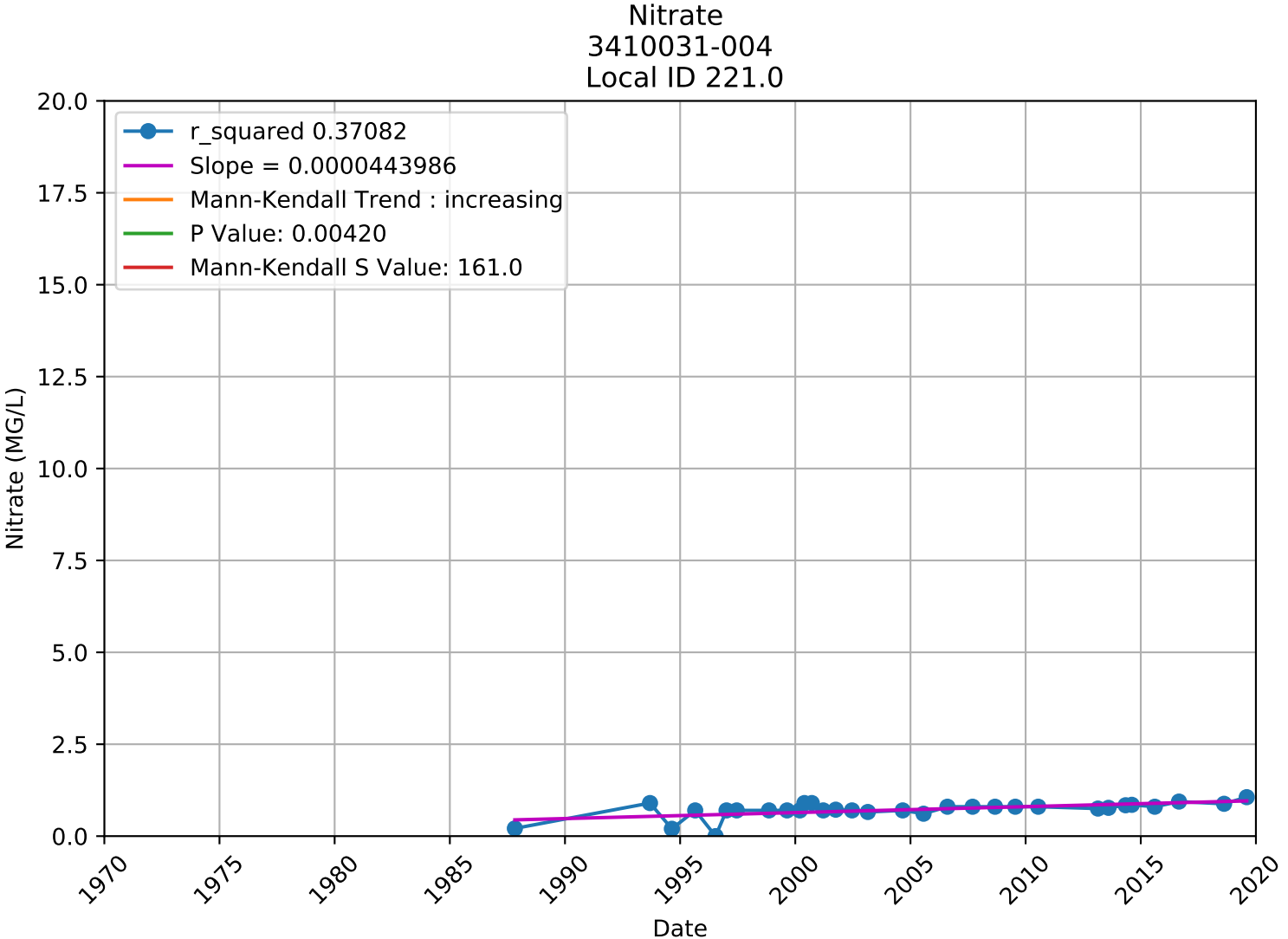

Nitrate
3410026-003
Local ID 31.0
r_squared 0.15346
Slope = -0.0000129530
Mann-Kendall Trend : no trend
P Value: 0.16120
Mann-Kendall S Value: -22.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
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5.0
2.5
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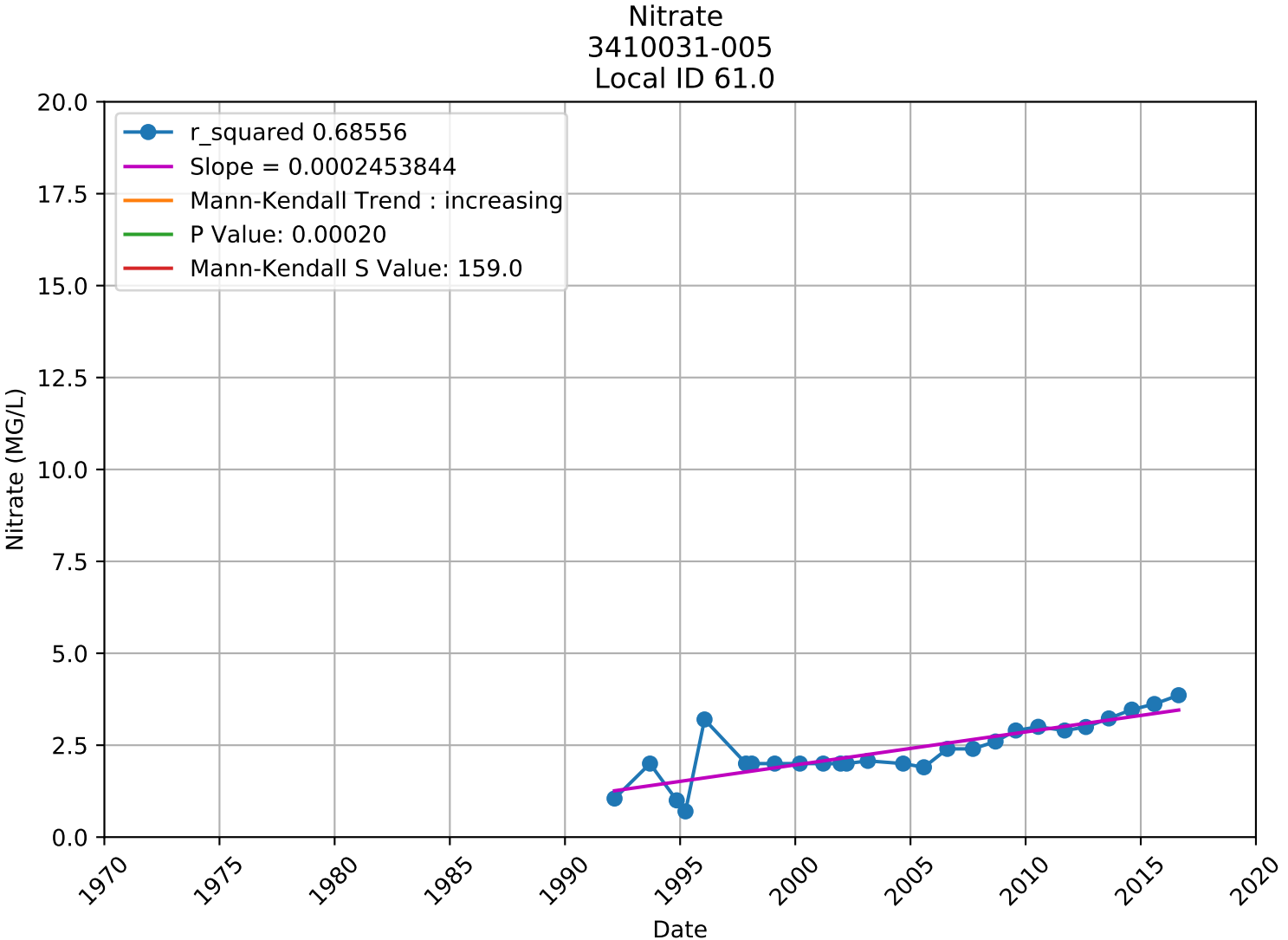

Nitrate
3410026-004
Local ID 18.0
r_squared 0.50711
Slope = -0.0000125768
Mann-Kendall Trend : no trend
P Value: 0.13246
Mann-Kendall S Value: -14.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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5.0
2.5
0.0
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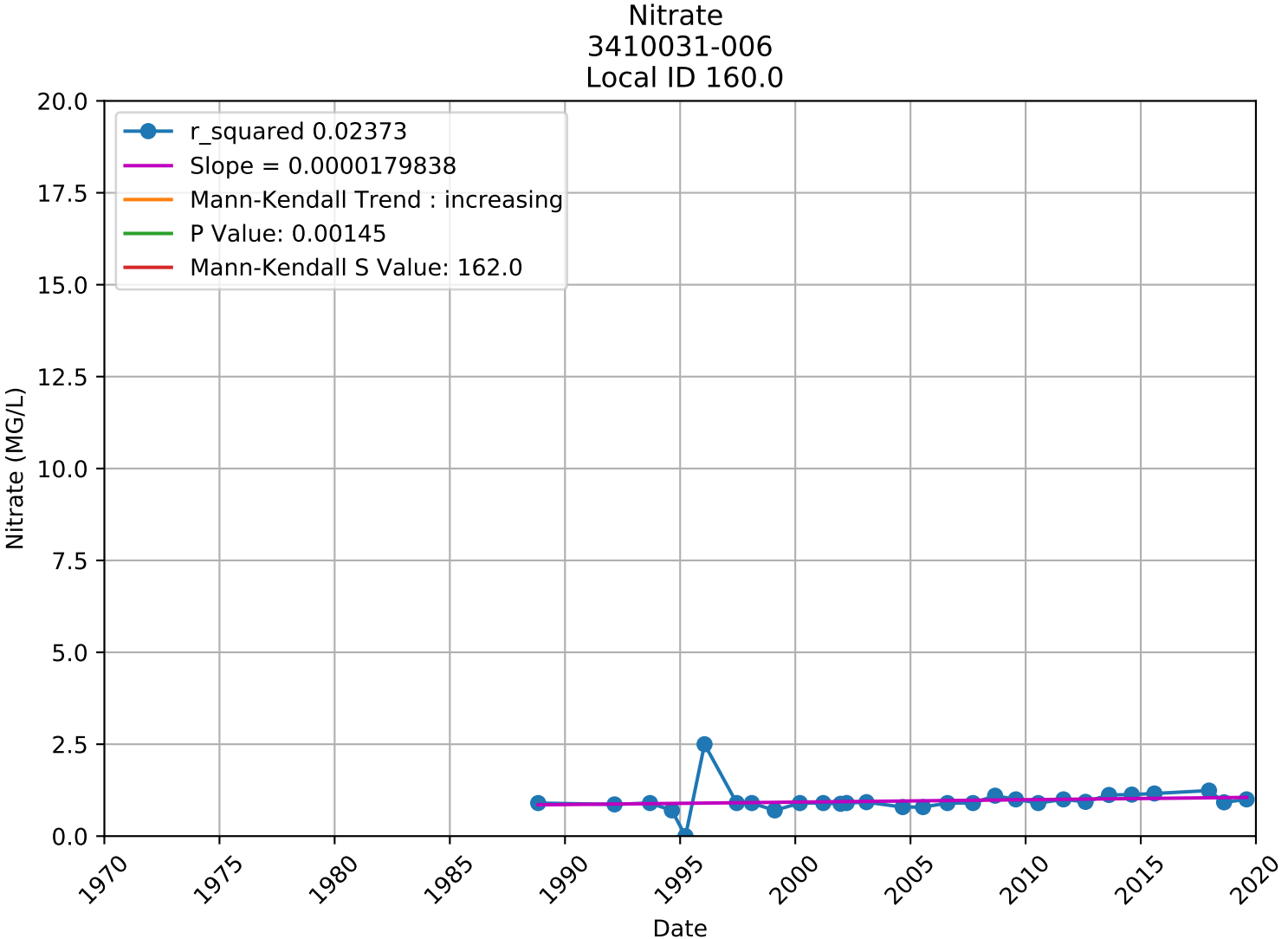

Nitrate
3410031-001
Local ID 206.0
r_squared 0.45200
Slope = 0.0000957371
Mann-Kendall Trend : no trend
P Value: 0.08050
Mann-Kendall S Value: 94.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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5.0
2.5
0.0
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2020

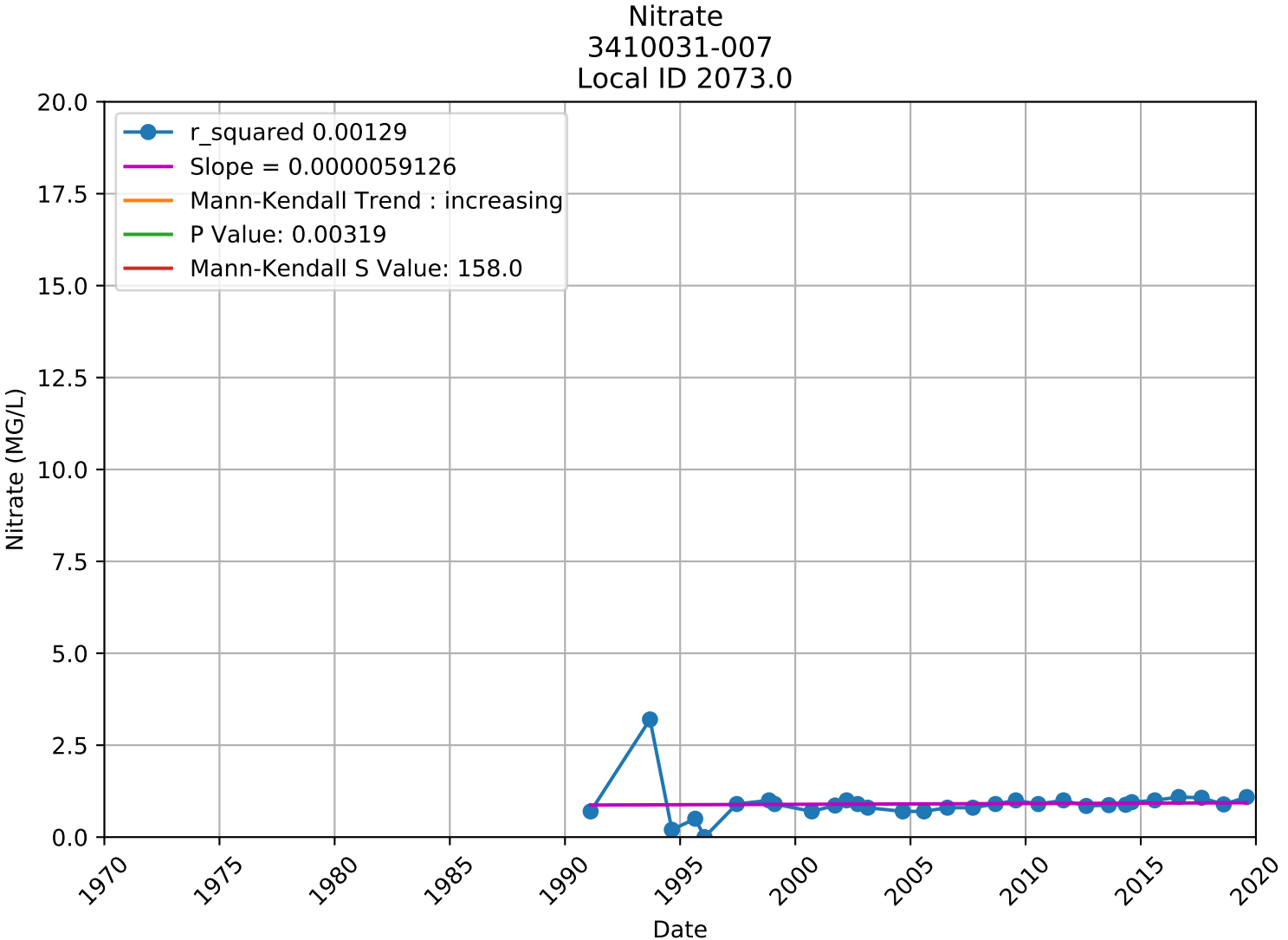

Nitrate
3410031-002
Local ID 190.0
r_squared 0.02490
Slope = 0.0000101069
Mann-Kendall Trend : no trend
P Value: 0.44041
Mann-Kendall S Value: 38.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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10.0
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5.0
2.5
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2020

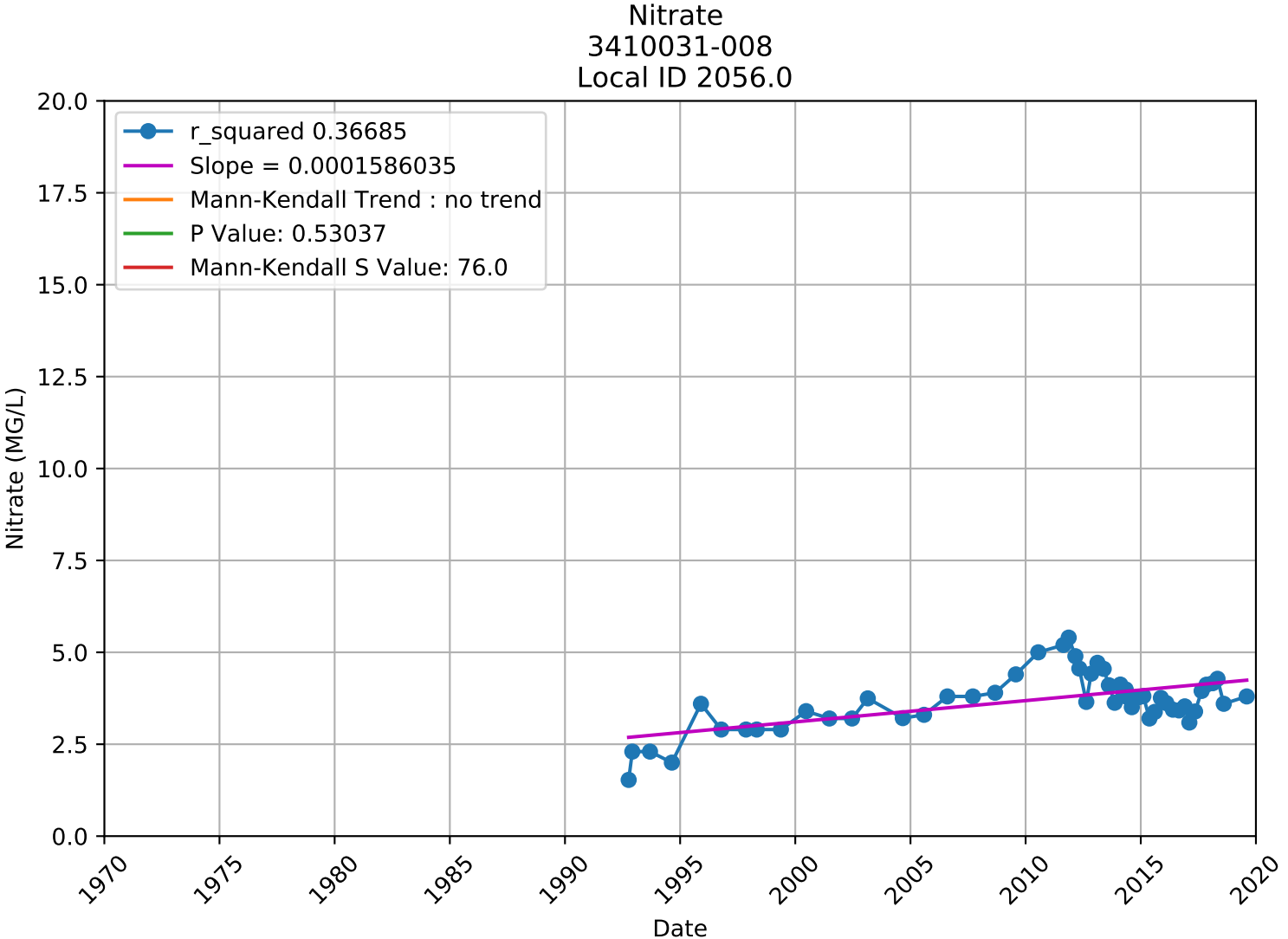

Nitrate
3410031-003
Local ID 94.0
r_squared 0.44717
Slope = 0.0000652163
Mann-Kendall Trend : increasing
P Value: 0.01419
Mann-Kendall S Value: 99.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
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2020

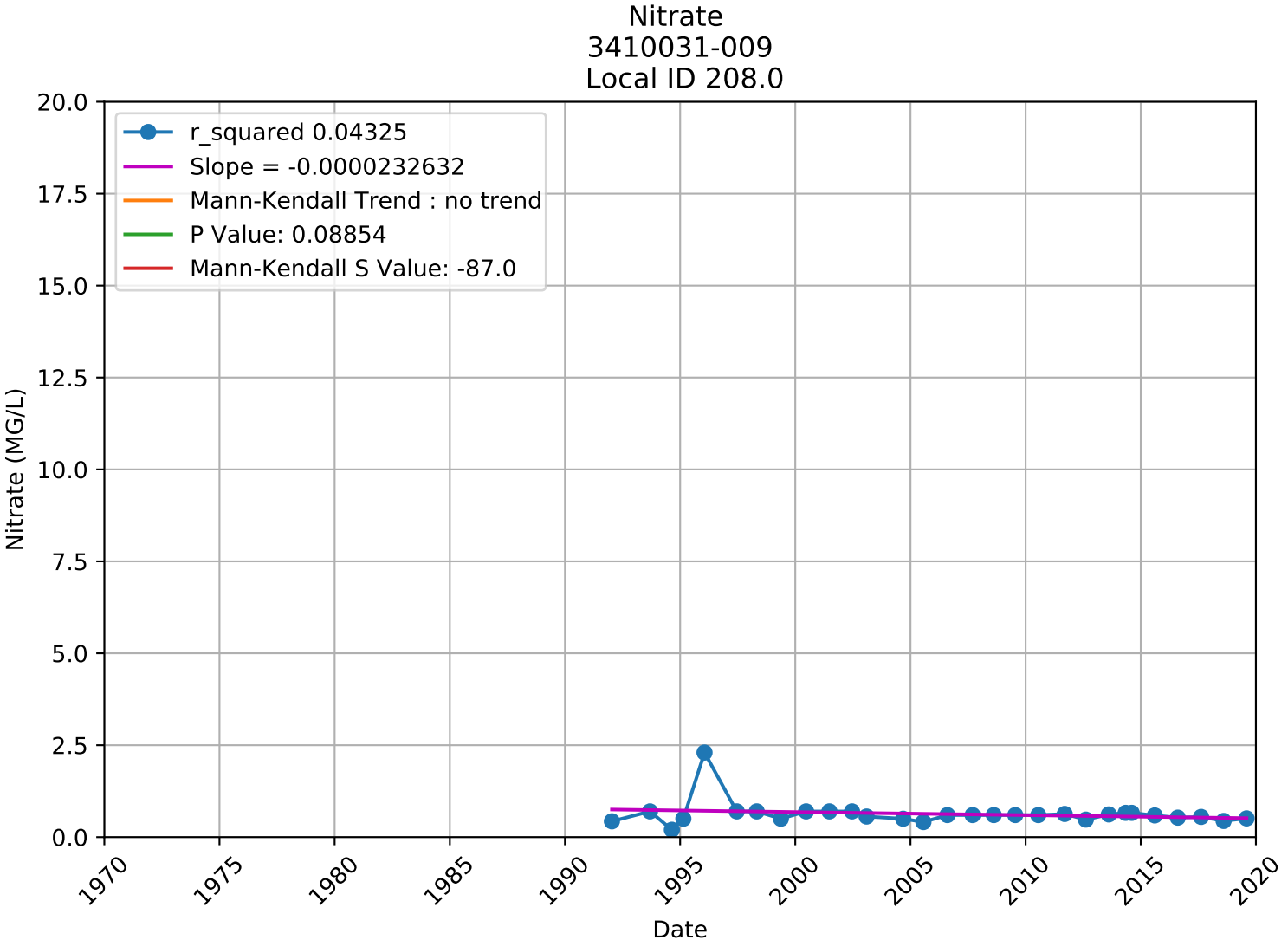

Nitrate
3410031-004
Local ID 221.0
r_squared 0.37082
Slope = 0.0000443986
Mann-Kendall Trend : increasing
P Value: 0.00420
Mann-Kendall S Value: 161.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
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2015
2020

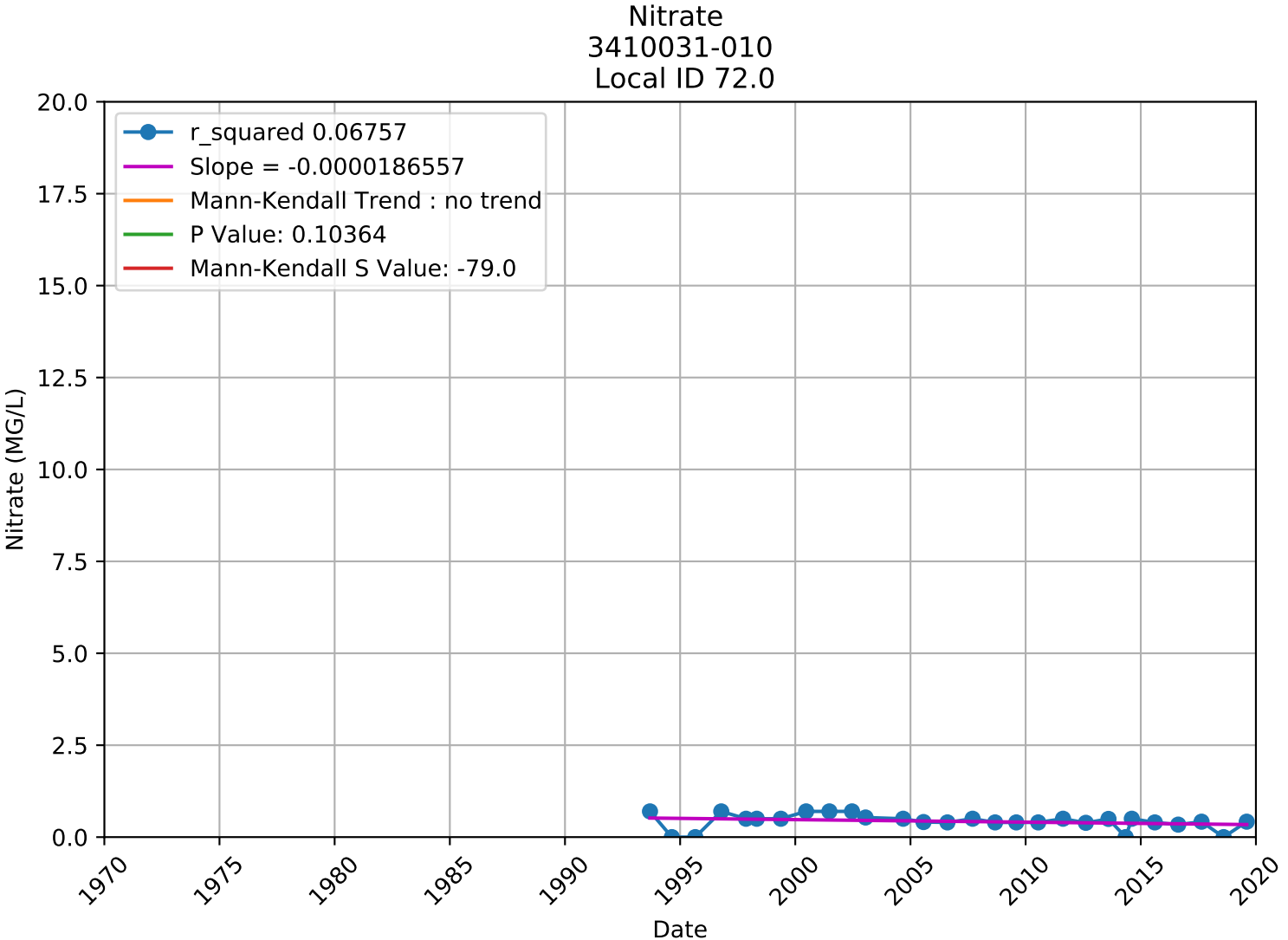

Nitrate
3410031-005
Local ID 61.0
r_squared 0.68556
Slope = 0.0002453844
Mann-Kendall Trend : increasing
P Value: 0.00020
Mann-Kendall S Value: 159.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
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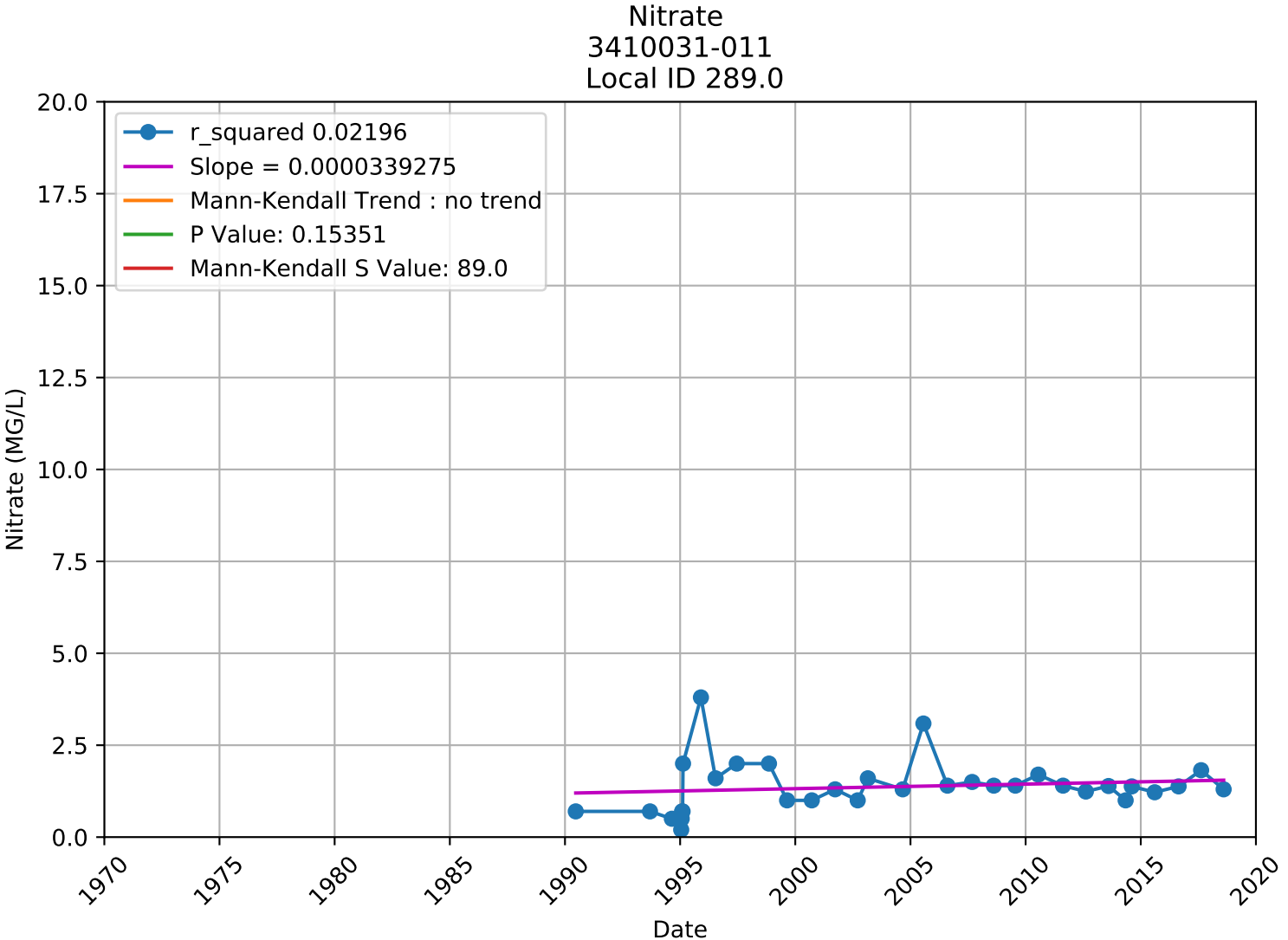

Nitrate
3410031-006
Local ID 160.0
r_squared 0.02373
Slope = 0.0000179838
Mann-Kendall Trend : increasing
P Value: 0.00145
Mann-Kendall S Value: 162.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
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2015
2020

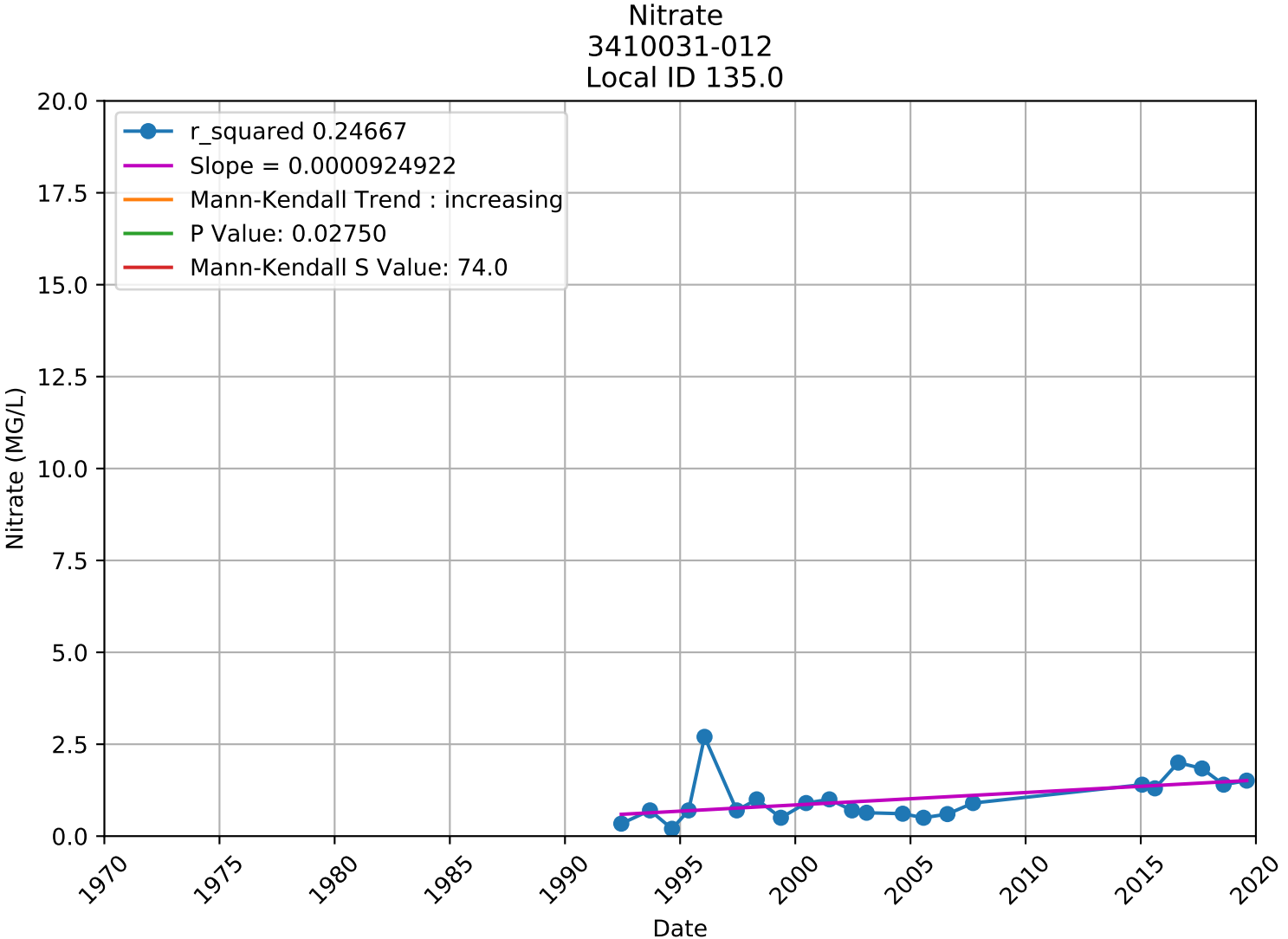

Nitrate
3410031-007
Local ID 2073.0
r_squared 0.00129
Slope = 0.0000059126
Mann-Kendall Trend : increasing
P Value: 0.00319
Mann-Kendall S Value: 158.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
1975
1980
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2020

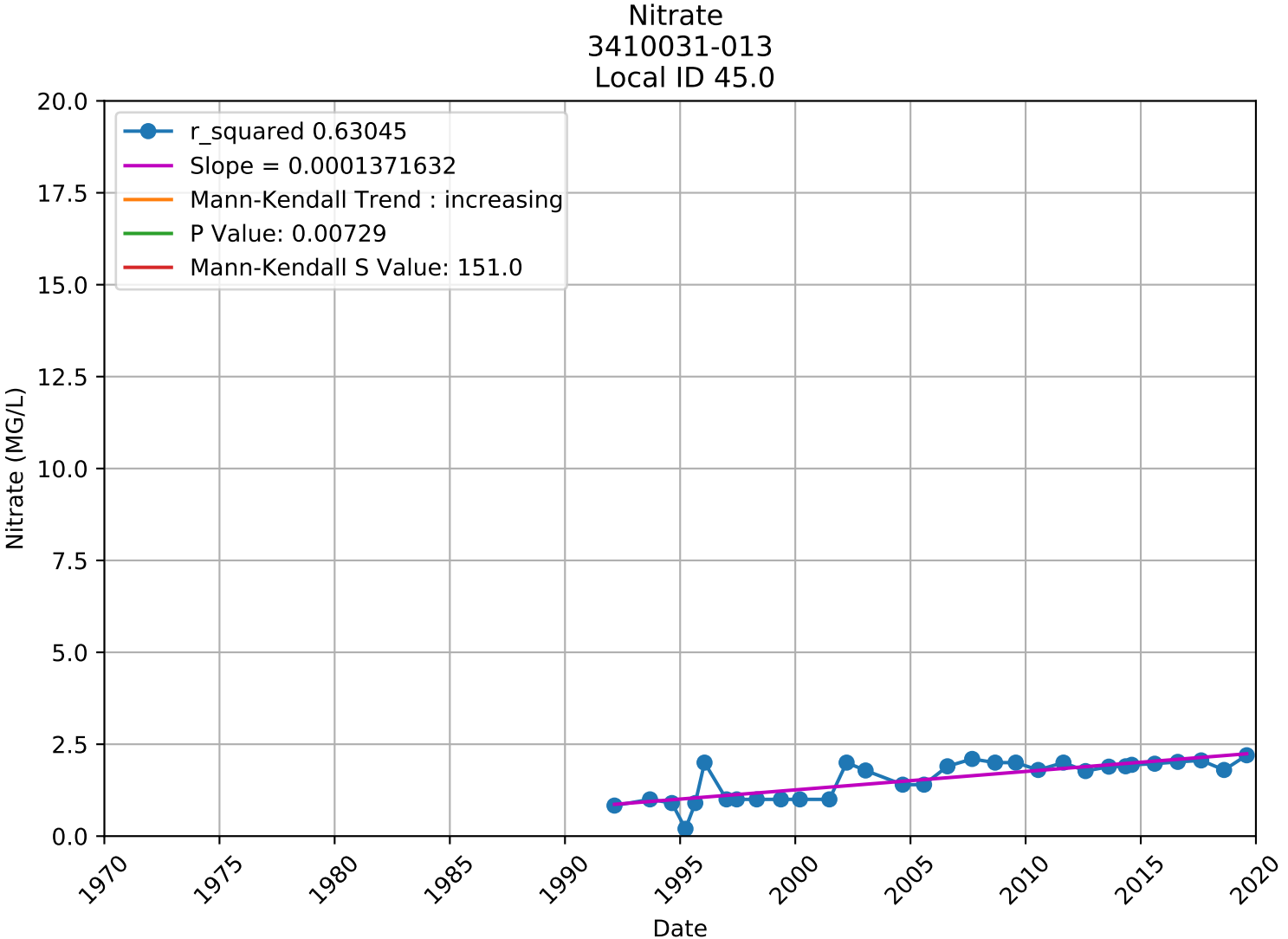

Nitrate
3410031-008
Local ID 2056.0
r_squared 0.36685
Slope = 0.0001586035
Mann-Kendall Trend : no trend
P Value: 0.53037
Mann-Kendall S Value: 76.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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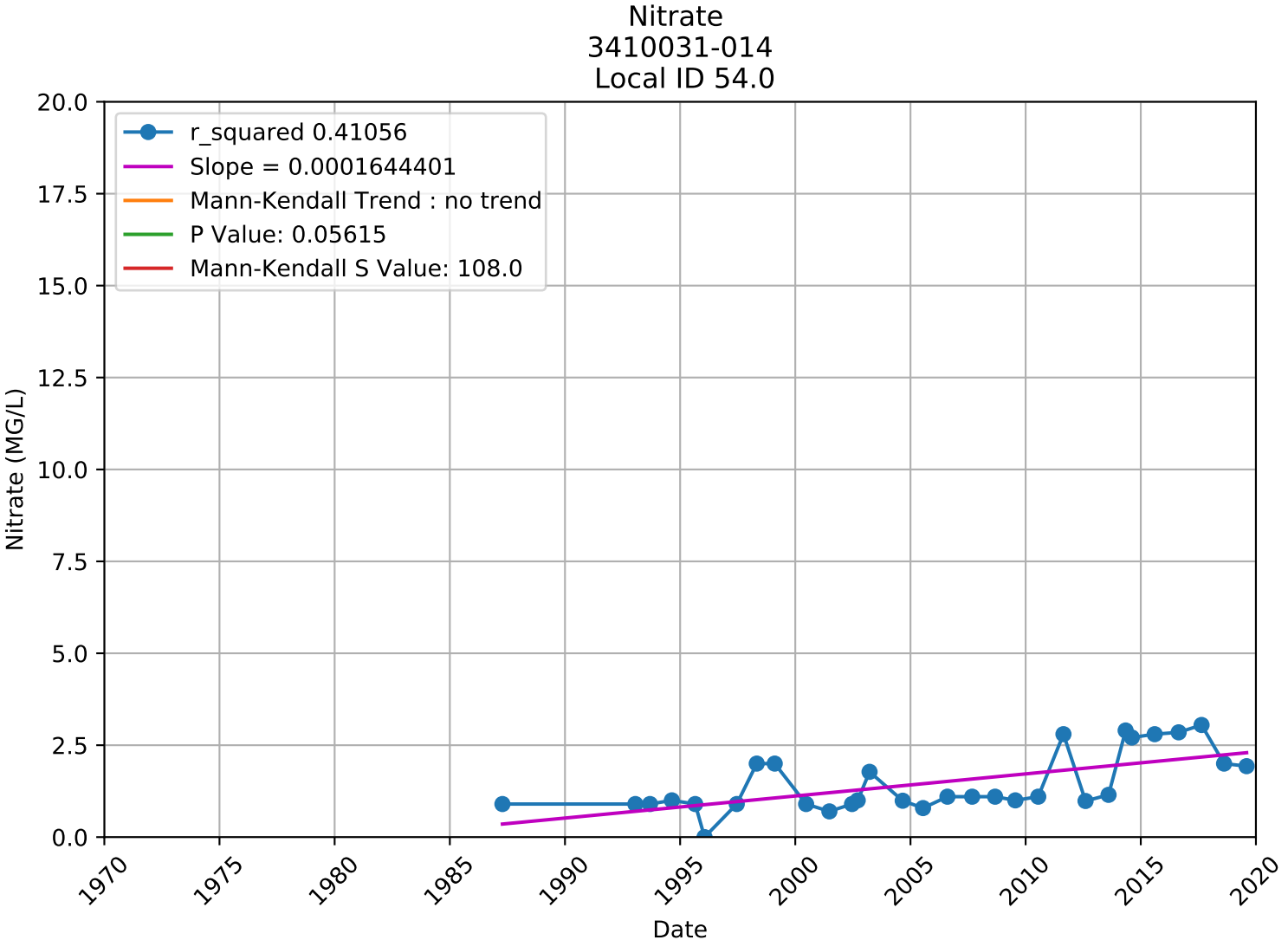

Nitrate
3410031-009
Local ID 208.0
r_squared 0.04325
Slope = -0.0000232632
Mann-Kendall Trend : no trend
P Value: 0.08854
Mann-Kendall S Value: -87.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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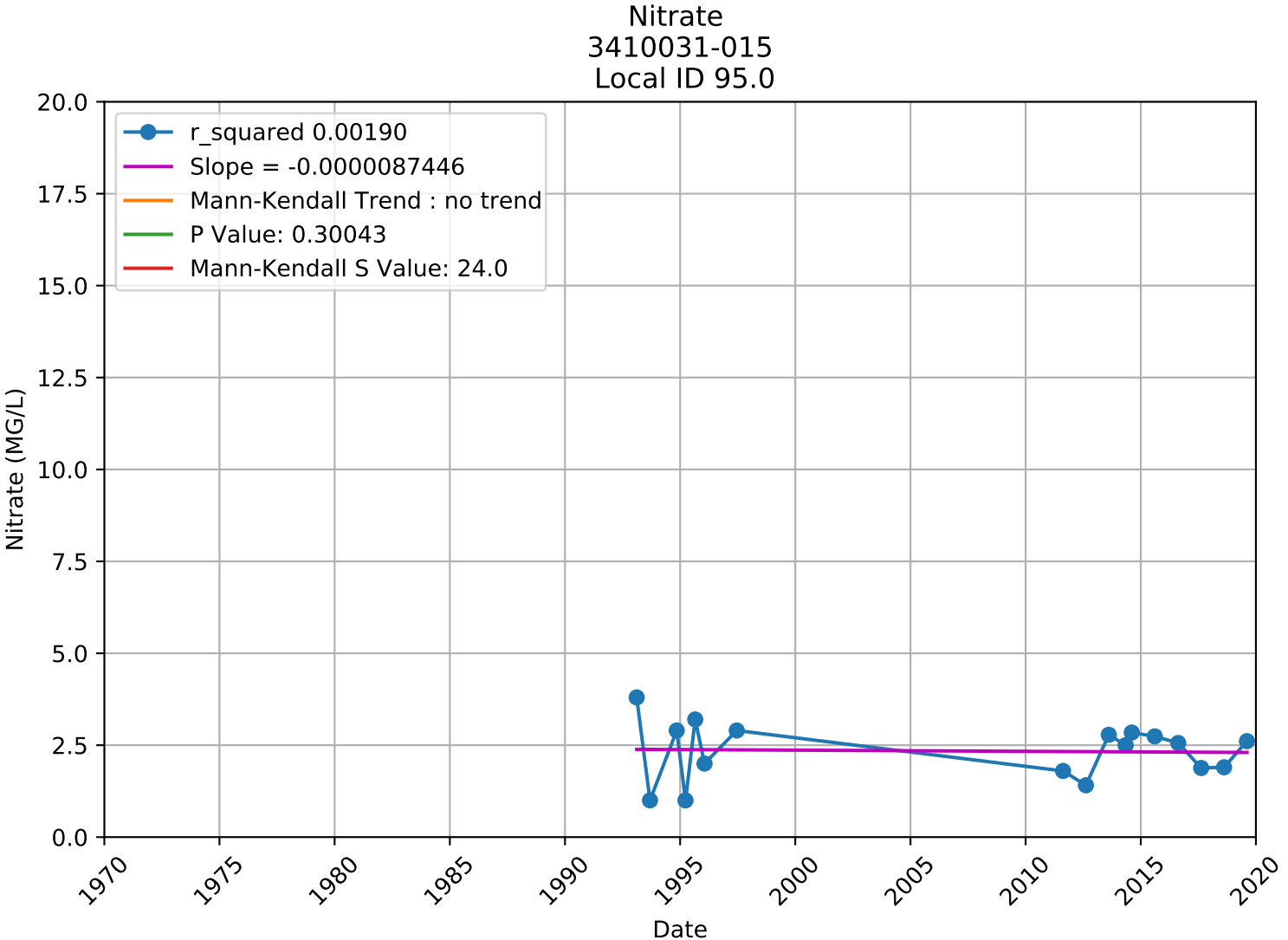

Nitrate
3410031-010
Local ID 72.0
r_squared 0.06757
Slope = -0.0000186557
Mann-Kendall Trend : no trend
P Value: 0.10364
Mann-Kendall S Value: -79.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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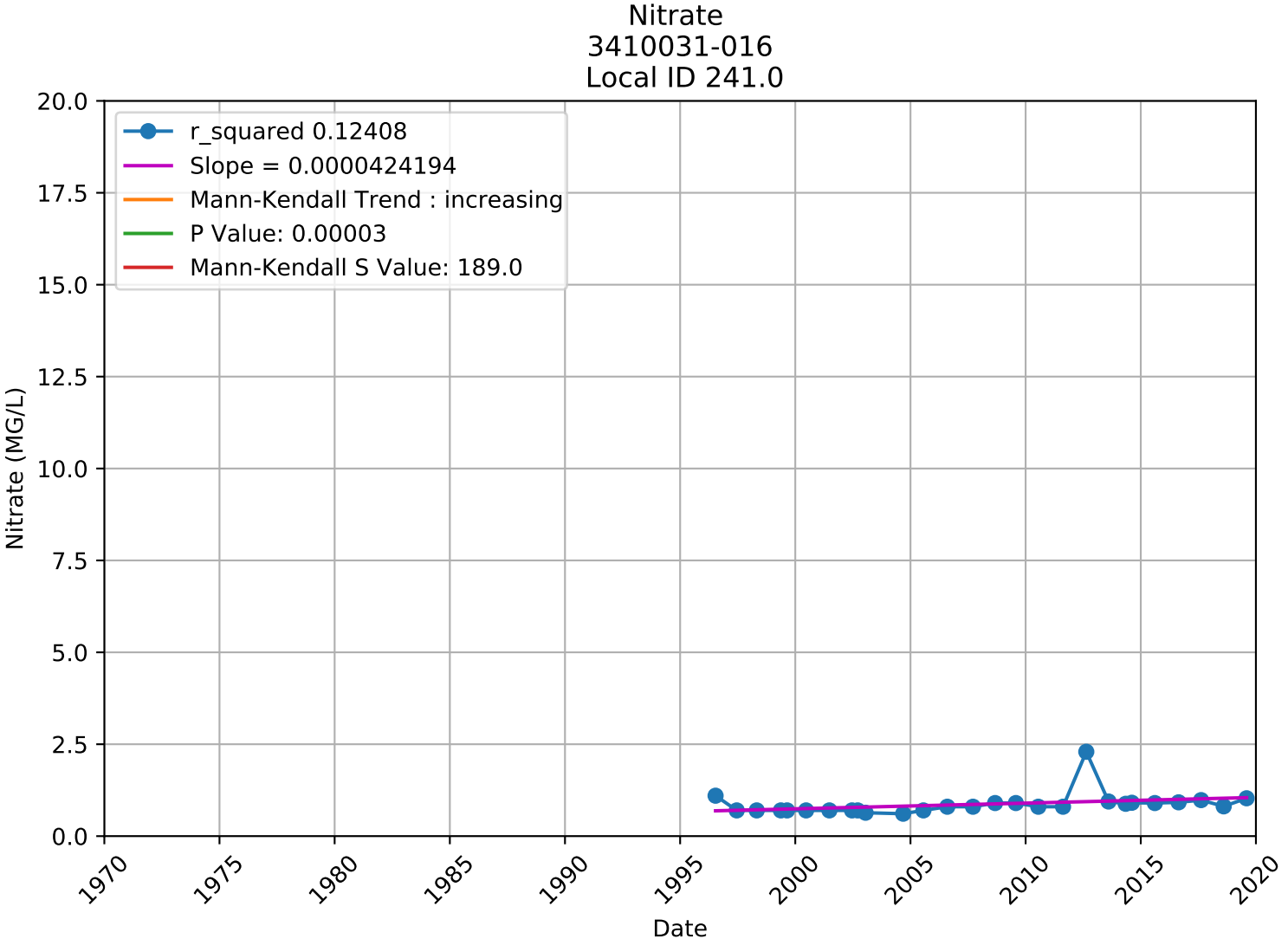

Nitrate
3410031-011
Local ID 289.0
r_squared 0.02196
Slope = 0.0000339275
Mann-Kendall Trend : no trend
P Value: 0.15351
Mann-Kendall S Value: 89.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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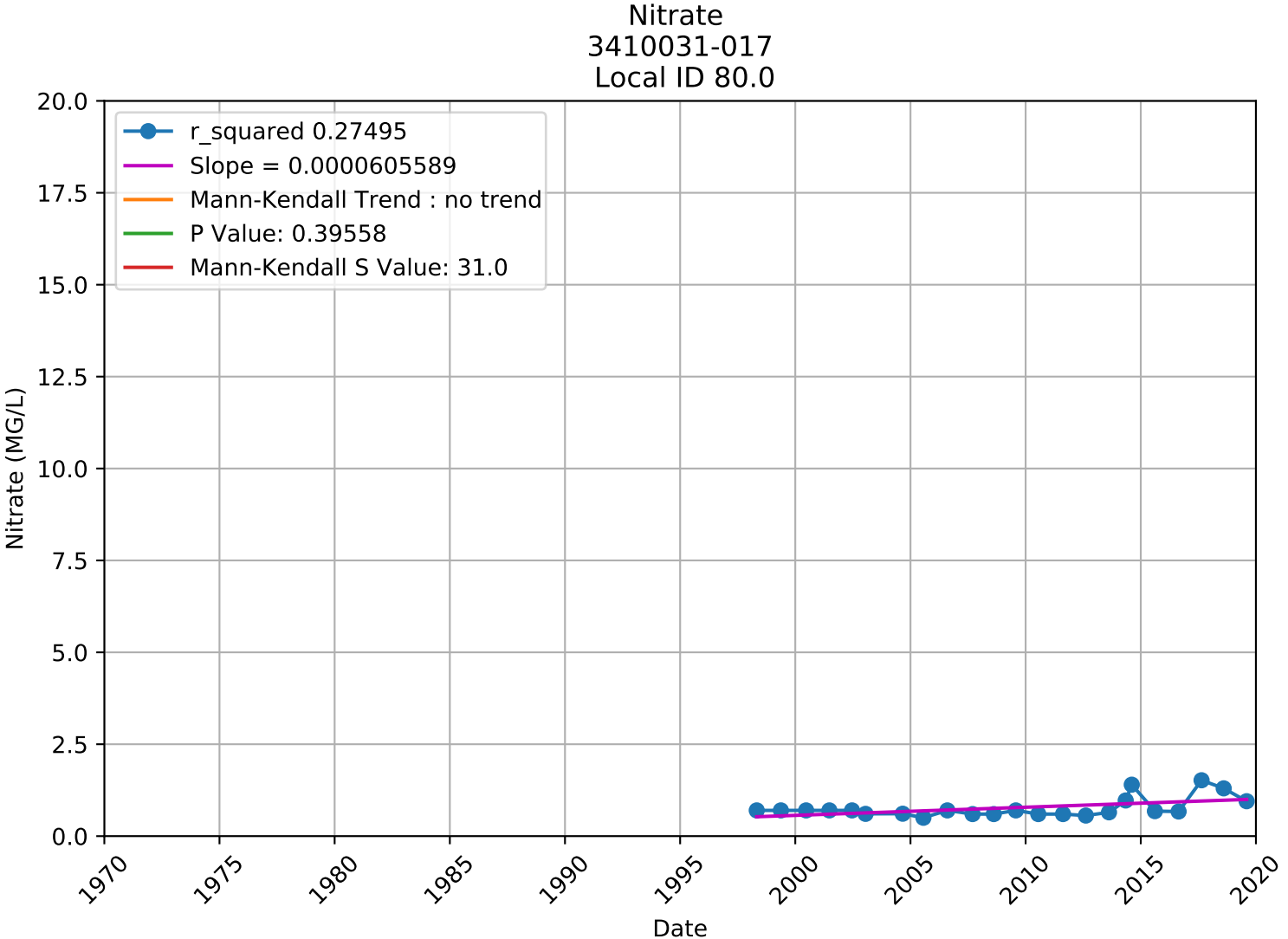

Nitrate
3410031-012
Local ID 135.0
r_squared 0.24667
Slope = 0.0000924922
Mann-Kendall Trend : increasing
P Value: 0.02750
Mann-Kendall S Value: 74.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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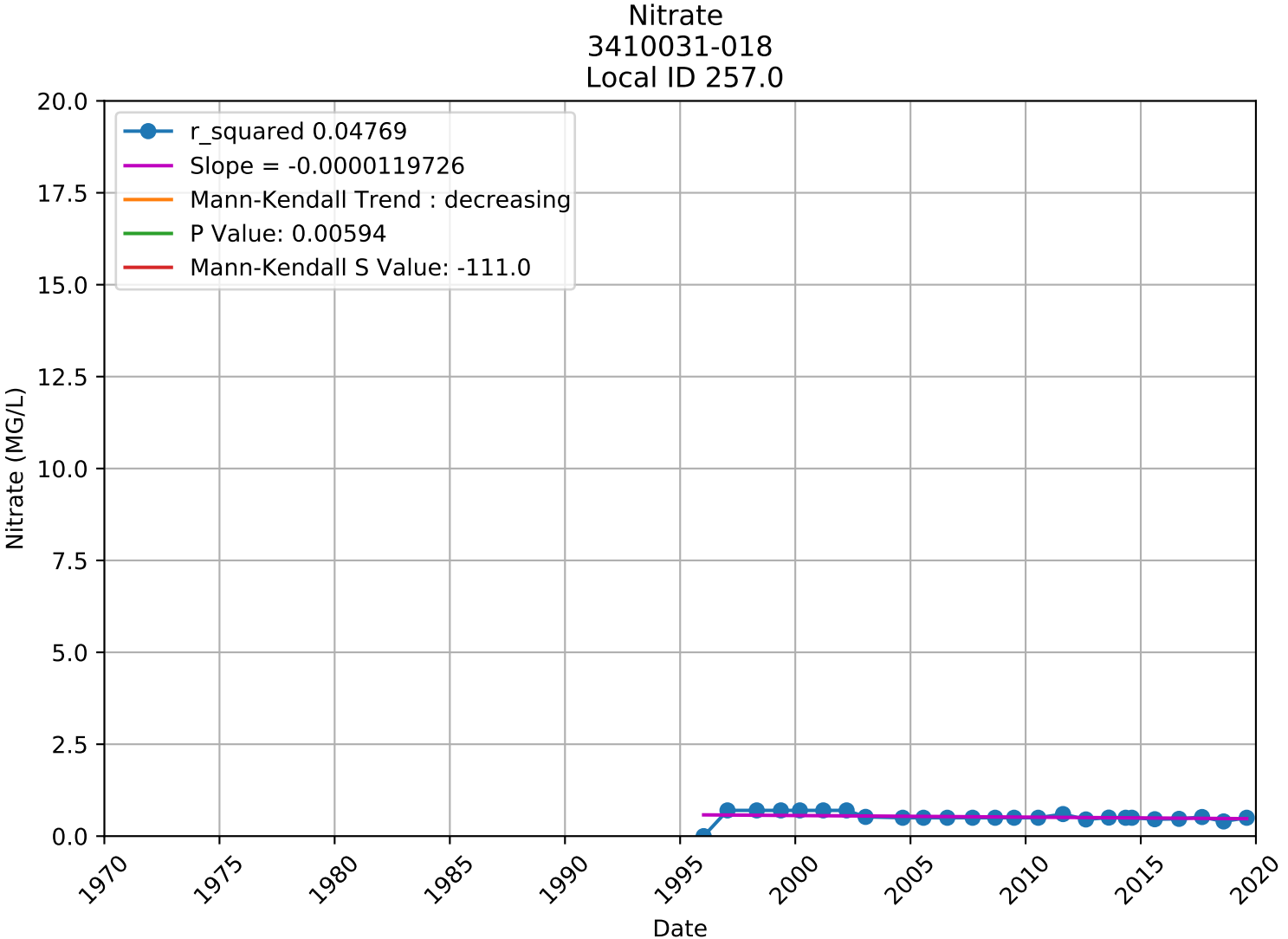

Nitrate
3410031-013
Local ID 45.0
r_squared 0.63045
Slope = 0.0001371632
Mann-Kendall Trend : increasing
P Value: 0.00729
Mann-Kendall S Value: 151.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
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5.0
2.5
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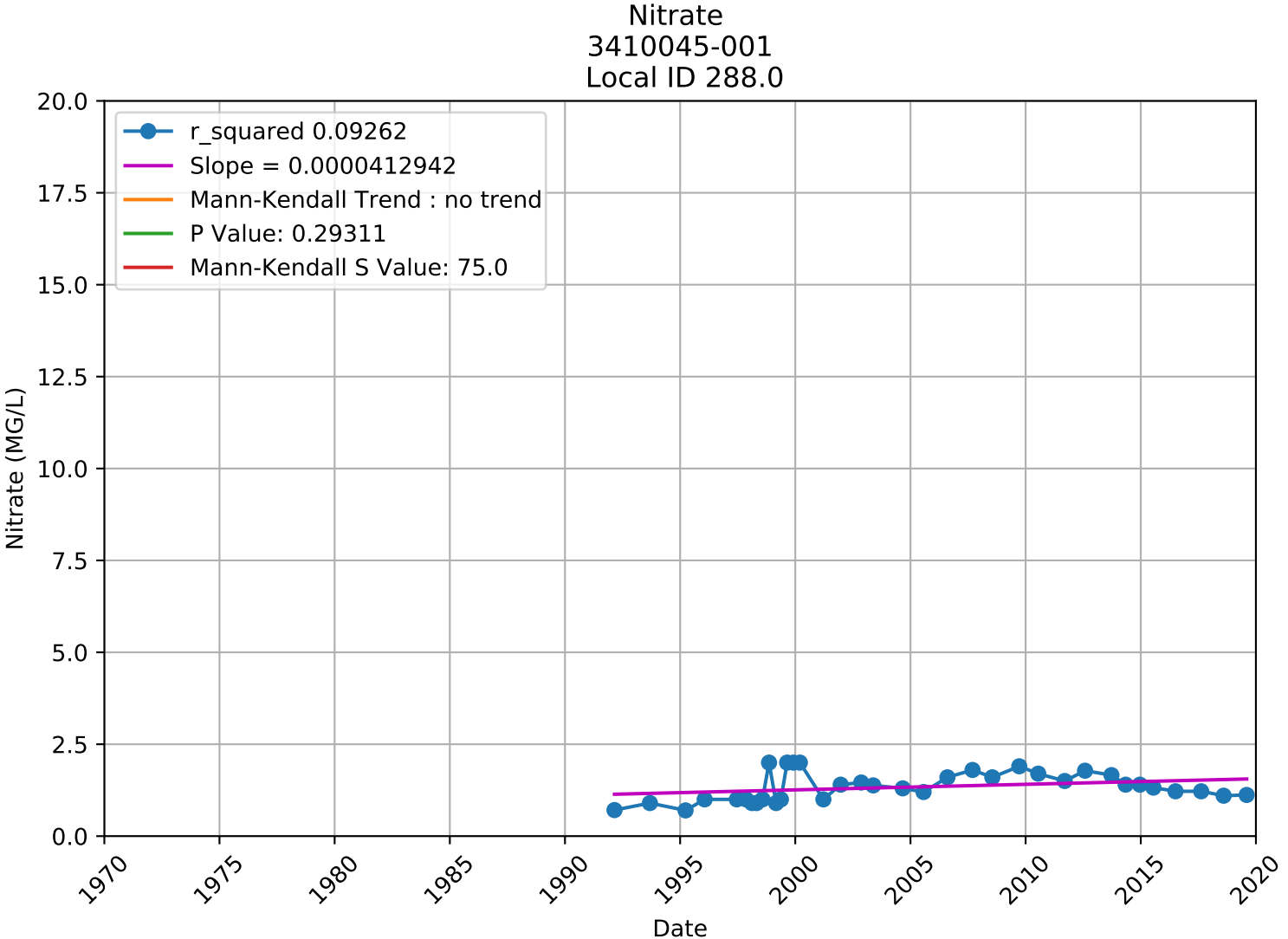

Nitrate
3410031-014
Local ID 54.0
r_squared 0.41056
Slope = 0.0001644401
Mann-Kendall Trend : no trend
P Value: 0.05615
Mann-Kendall S Value: 108.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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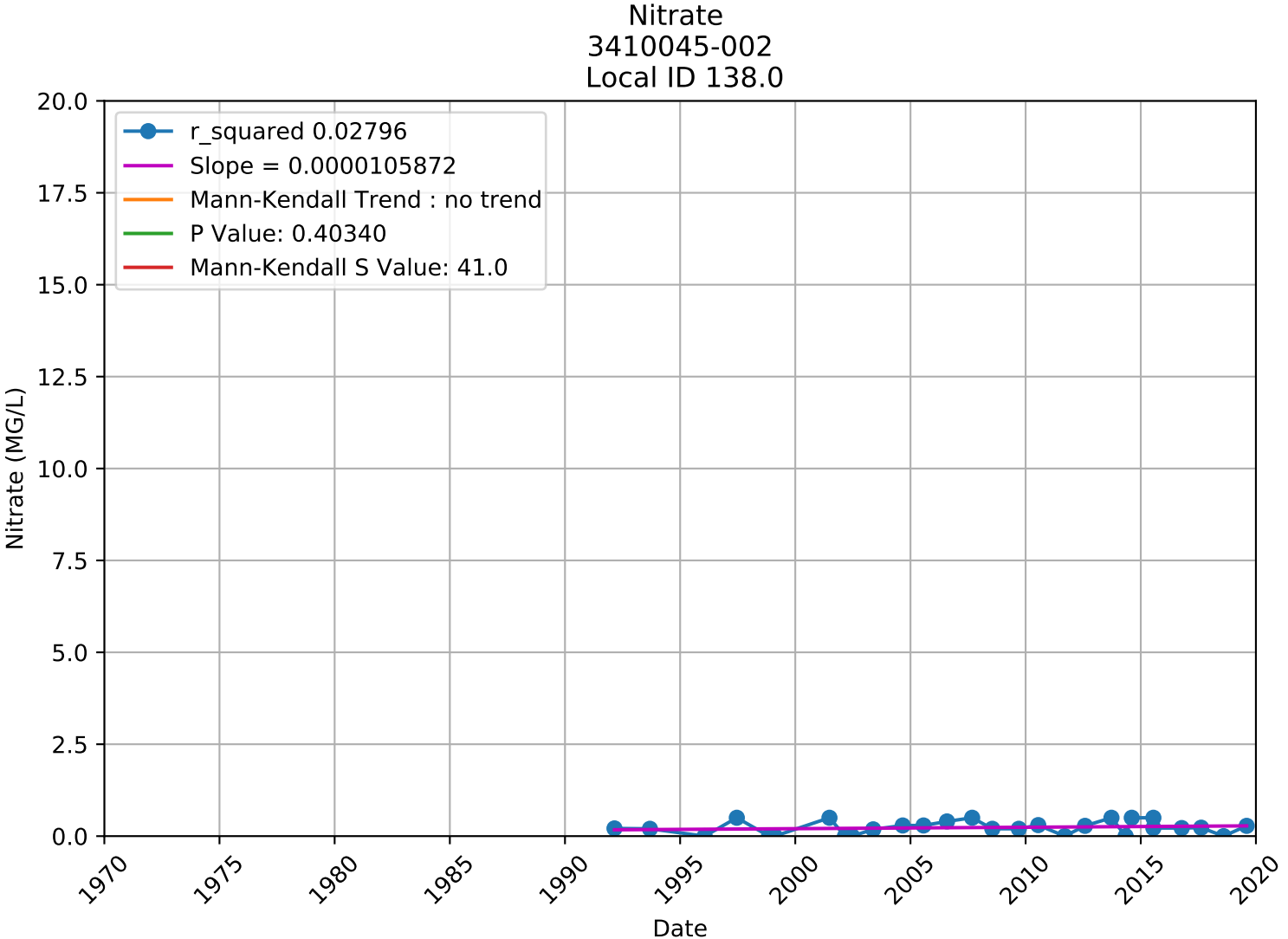

Nitrate
3410031-015
Local ID 95.0
r_squared 0.00190
Slope = -0.0000087446
Mann-Kendall Trend : no trend
P Value: 0.30043
Mann-Kendall S Value: 24.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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10.0
7.5
5.0
2.5
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1970
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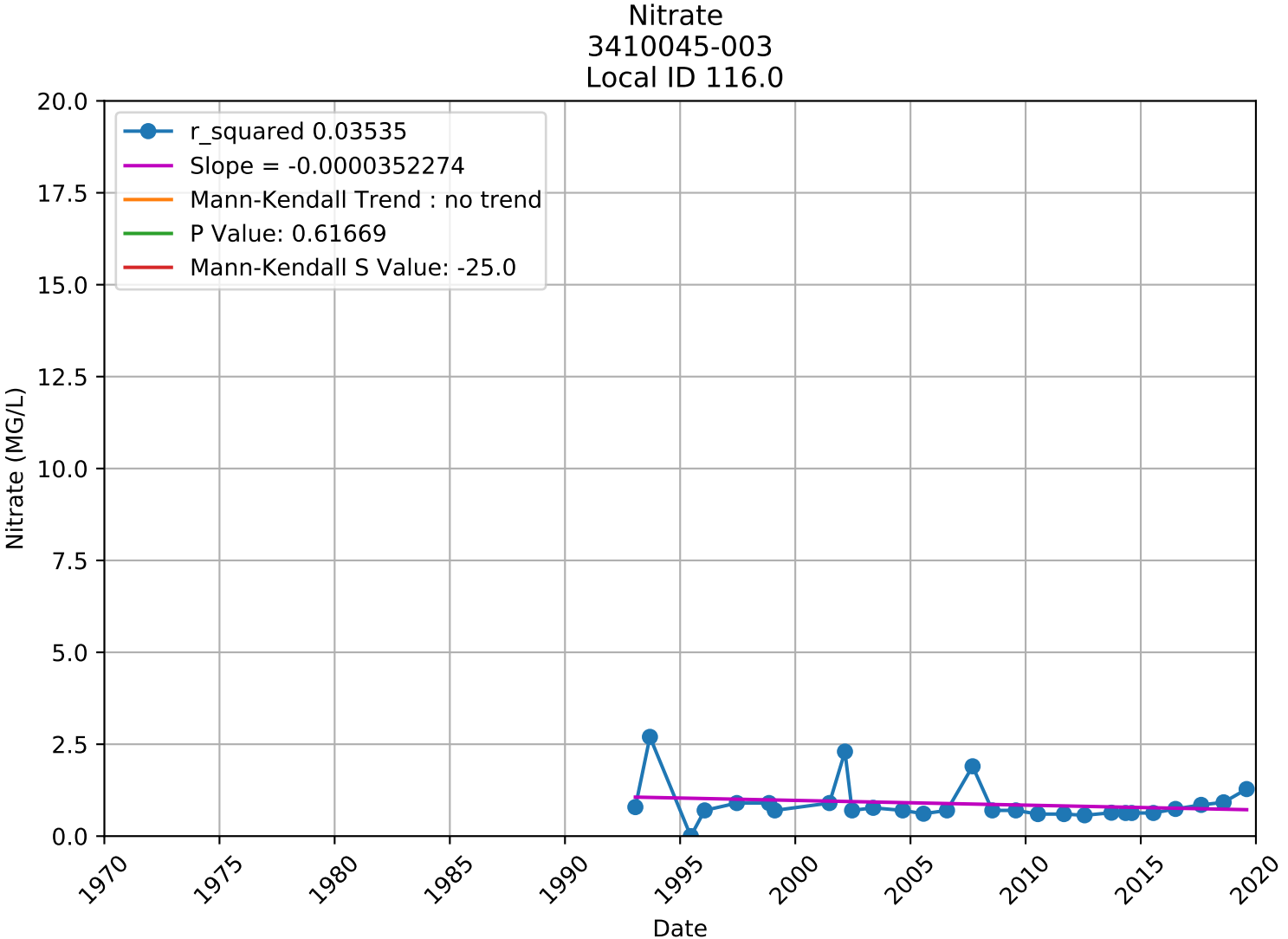

Nitrate
3410031-016
Local ID 241.0
r_squared 0.12408
Slope = 0.0000424194
Mann-Kendall Trend : increasing
P Value: 0.00003
Mann-Kendall S Value: 189.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
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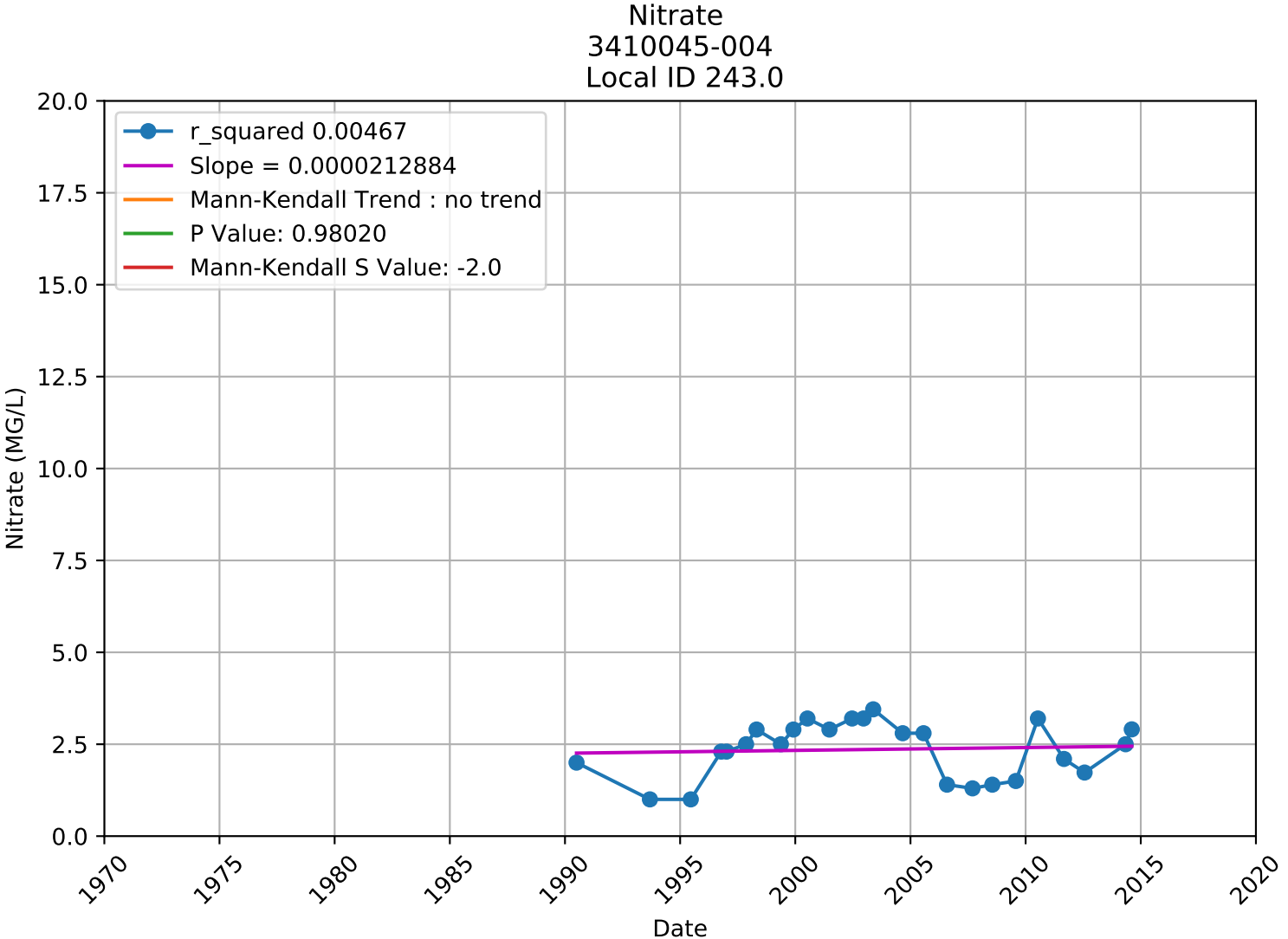

Nitrate
3410031-017
Local ID 80.0
r_squared 0.27495
Slope = 0.0000605589
Mann-Kendall Trend : no trend
P Value: 0.39558
Mann-Kendall S Value: 31.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
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5.0
2.5
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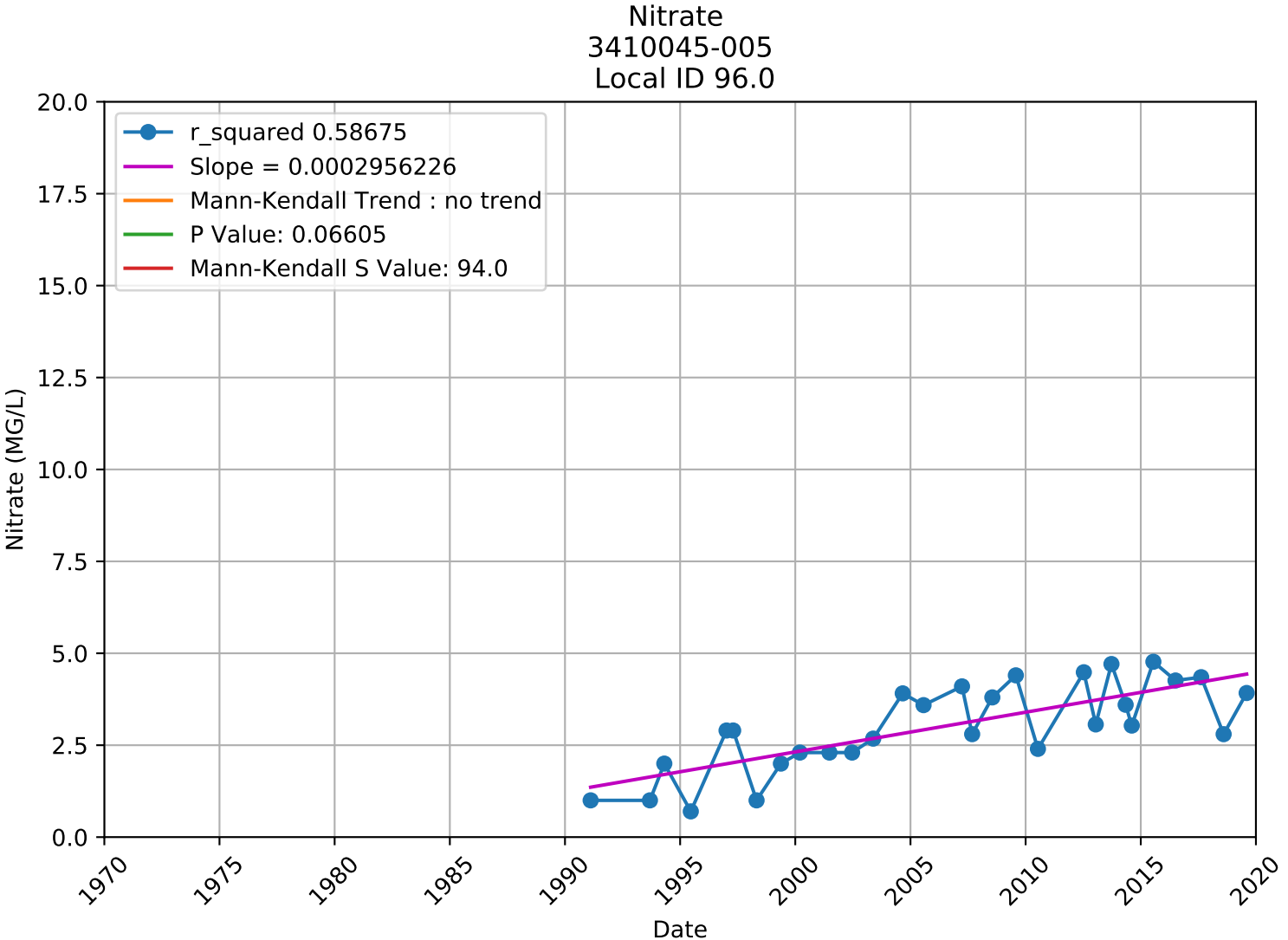

Nitrate
3410031-018
Local ID 257.0
r_squared 0.04769
Slope = -0.0000119726
Mann-Kendall Trend : decreasing
P Value: 0.00594
Mann-Kendall S Value: -111.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
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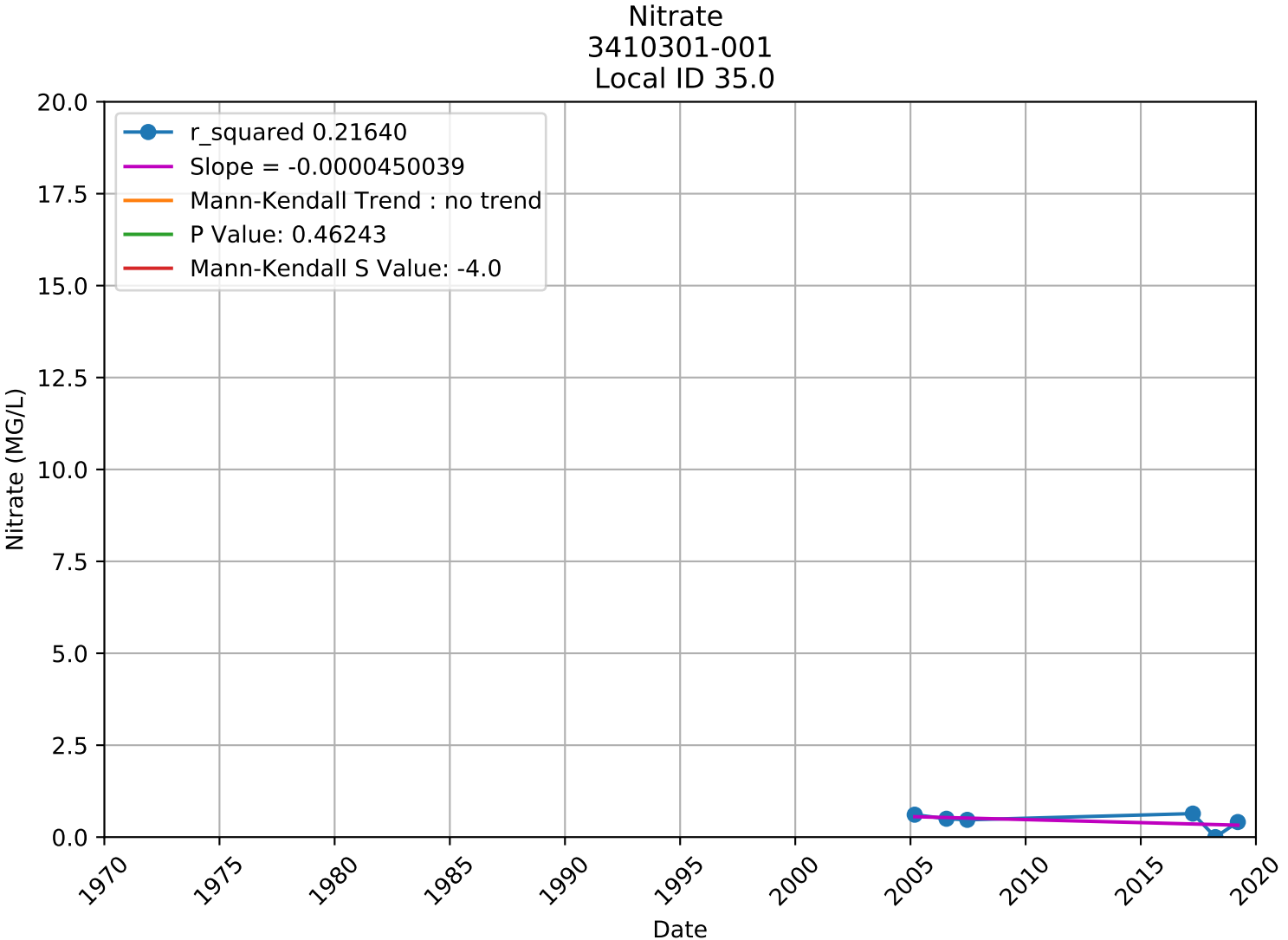

Nitrate
3410045-001
Local ID 288.0
r_squared 0.09262
Slope = 0.0000412942
Mann-Kendall Trend : no trend
P Value: 0.29311
Mann-Kendall S Value: 75.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
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5.0
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2015
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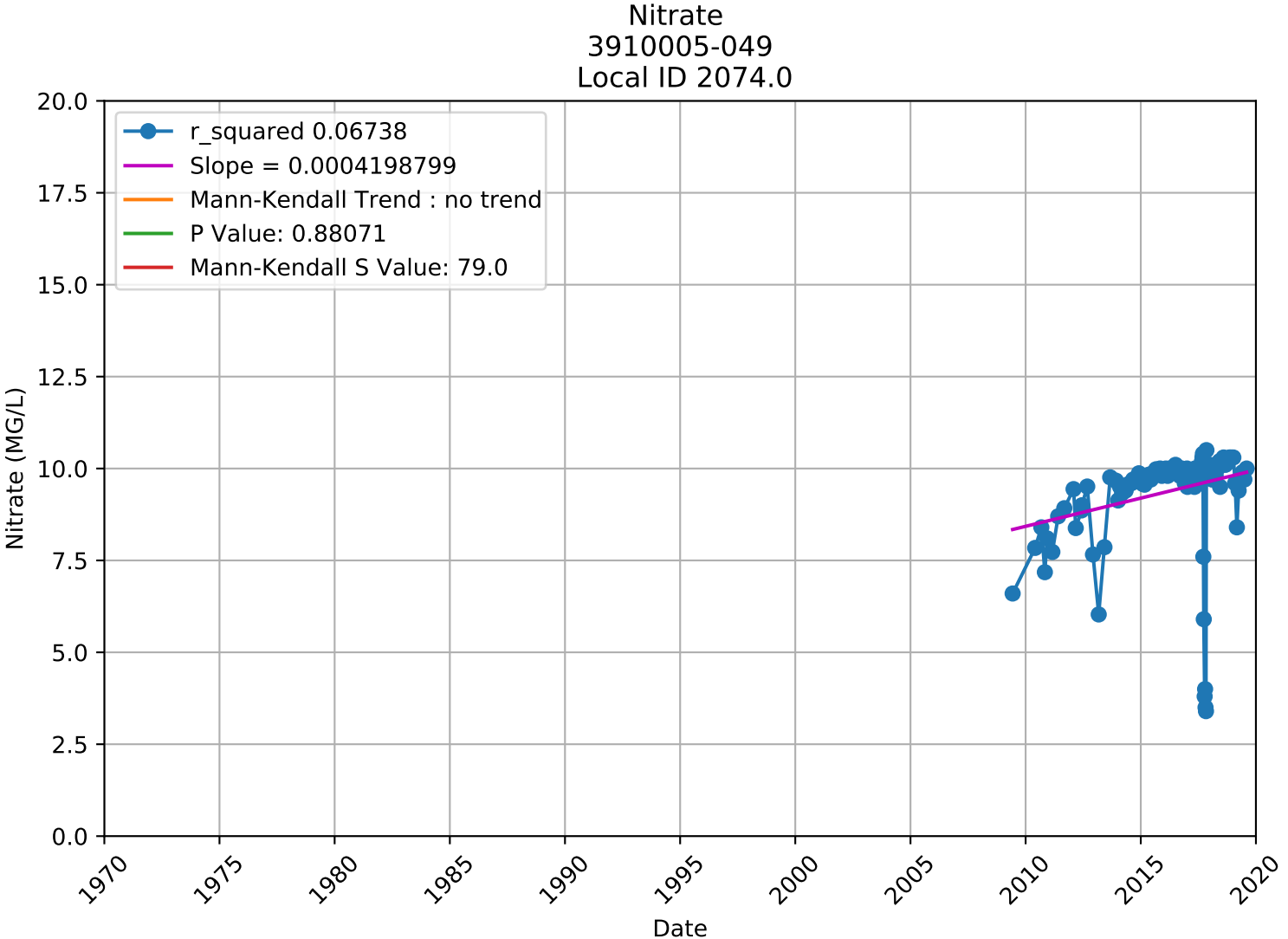

Nitrate
3410045-002
Local ID 138.0
r_squared 0.02796
Slope = 0.0000105872
Mann-Kendall Trend : no trend
P Value: 0.40340
Mann-Kendall S Value: 41.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
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5.0
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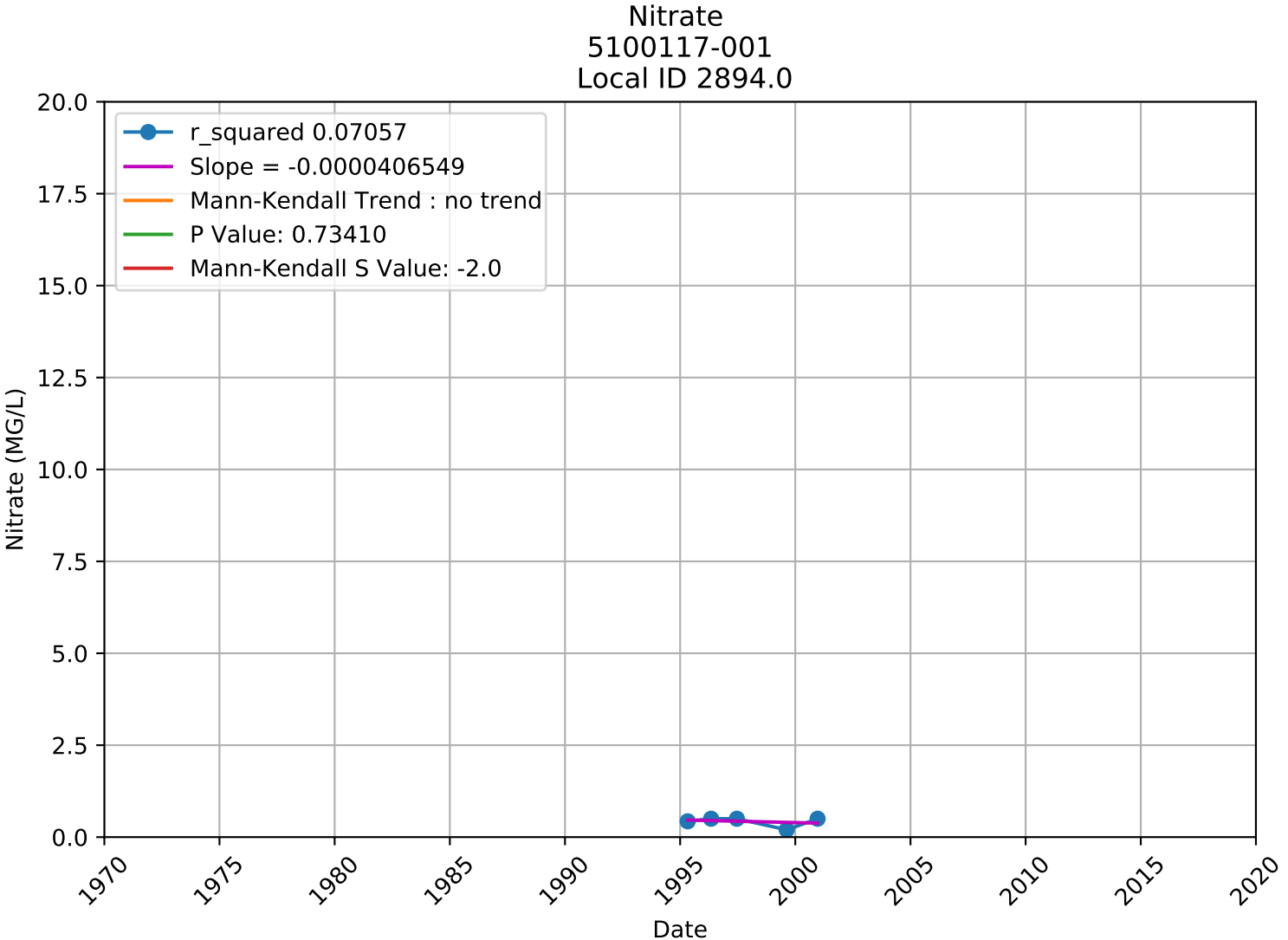

Nitrate
3410045-003
Local ID 116.0
r_squared 0.03535
Slope = -0.0000352274
Mann-Kendall Trend : no trend
P Value: 0.61669
Mann-Kendall S Value: -25.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
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5.0
2.5
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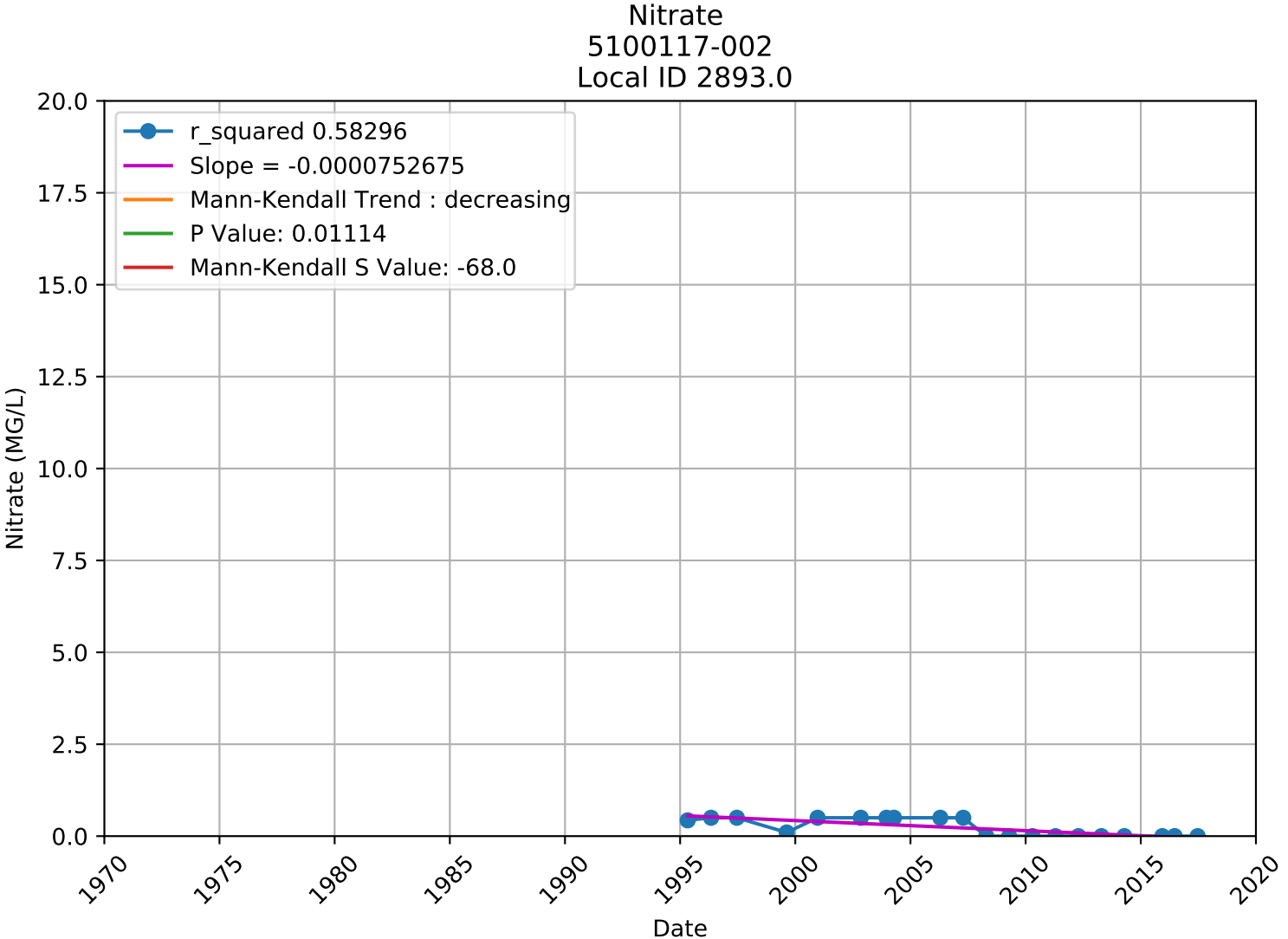

Nitrate
3410045-004
Local ID 243.0
r_squared 0.00467
Slope = 0.0000212884
Mann-Kendall Trend : no trend
P Value: 0.98020
Mann-Kendall S Value: -2.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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10.0
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5.0
2.5
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1970
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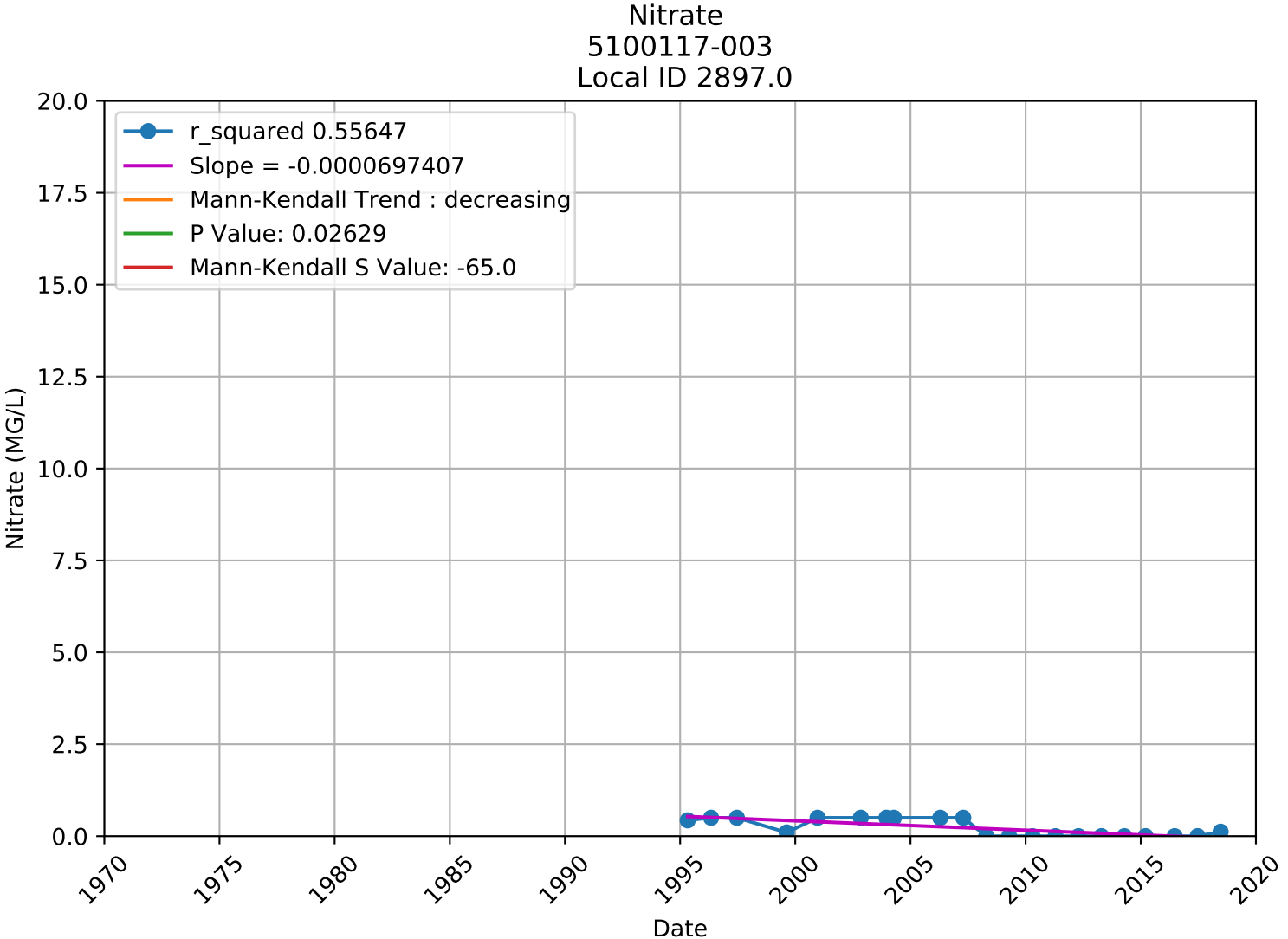

Nitrate
3410045-005
Local ID 96.0
r_squared 0.58675
Slope = 0.0002956226
Mann-Kendall Trend : no trend
P Value: 0.06605
Mann-Kendall S Value: 94.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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5.0
2.5
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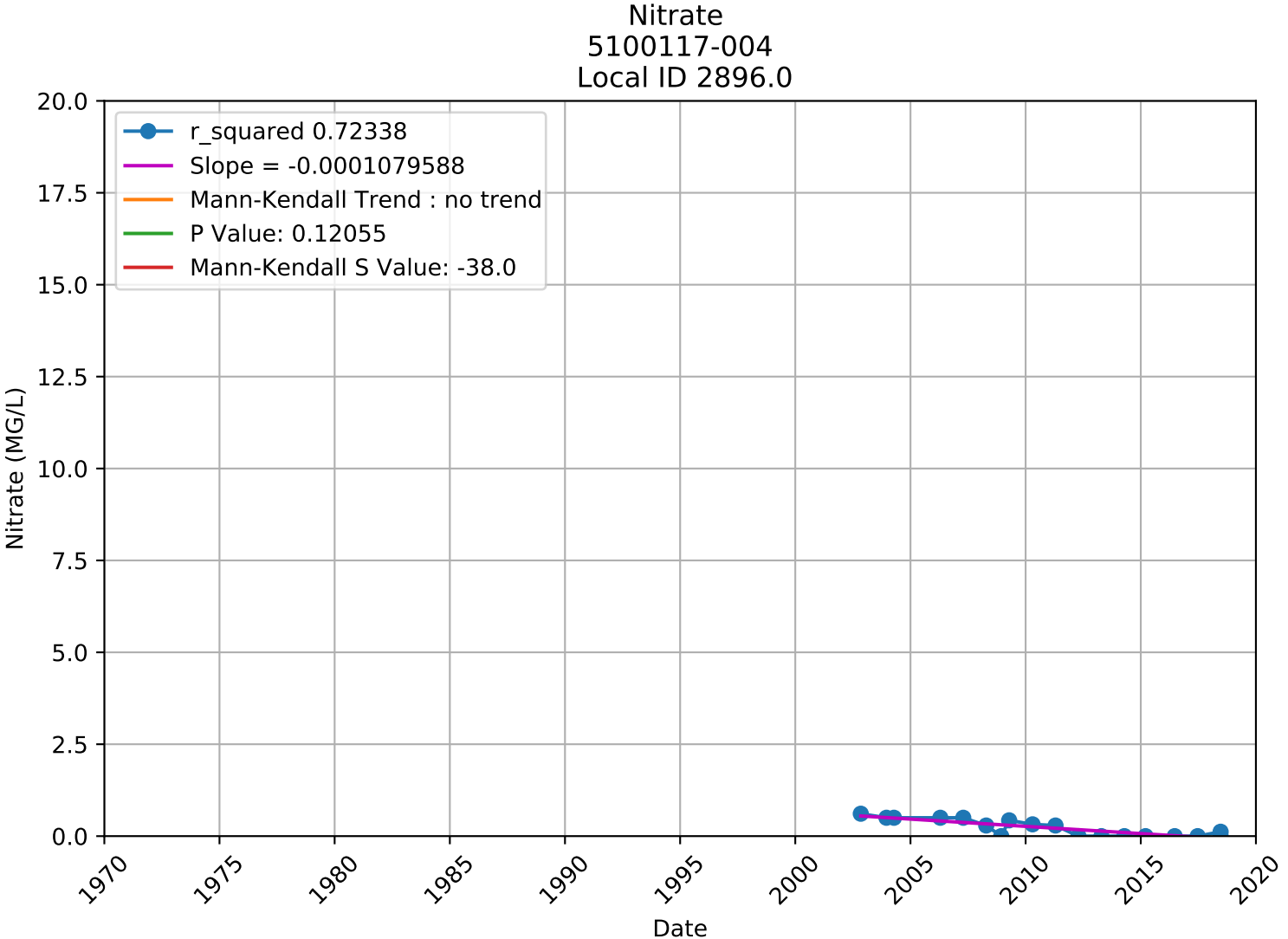

Nitrate
3410301-001
Local ID 35.0
r_squared 0.21640
Slope = -0.0000450039
Mann-Kendall Trend : no trend
P Value: 0.46243
Mann-Kendall S Value: -4.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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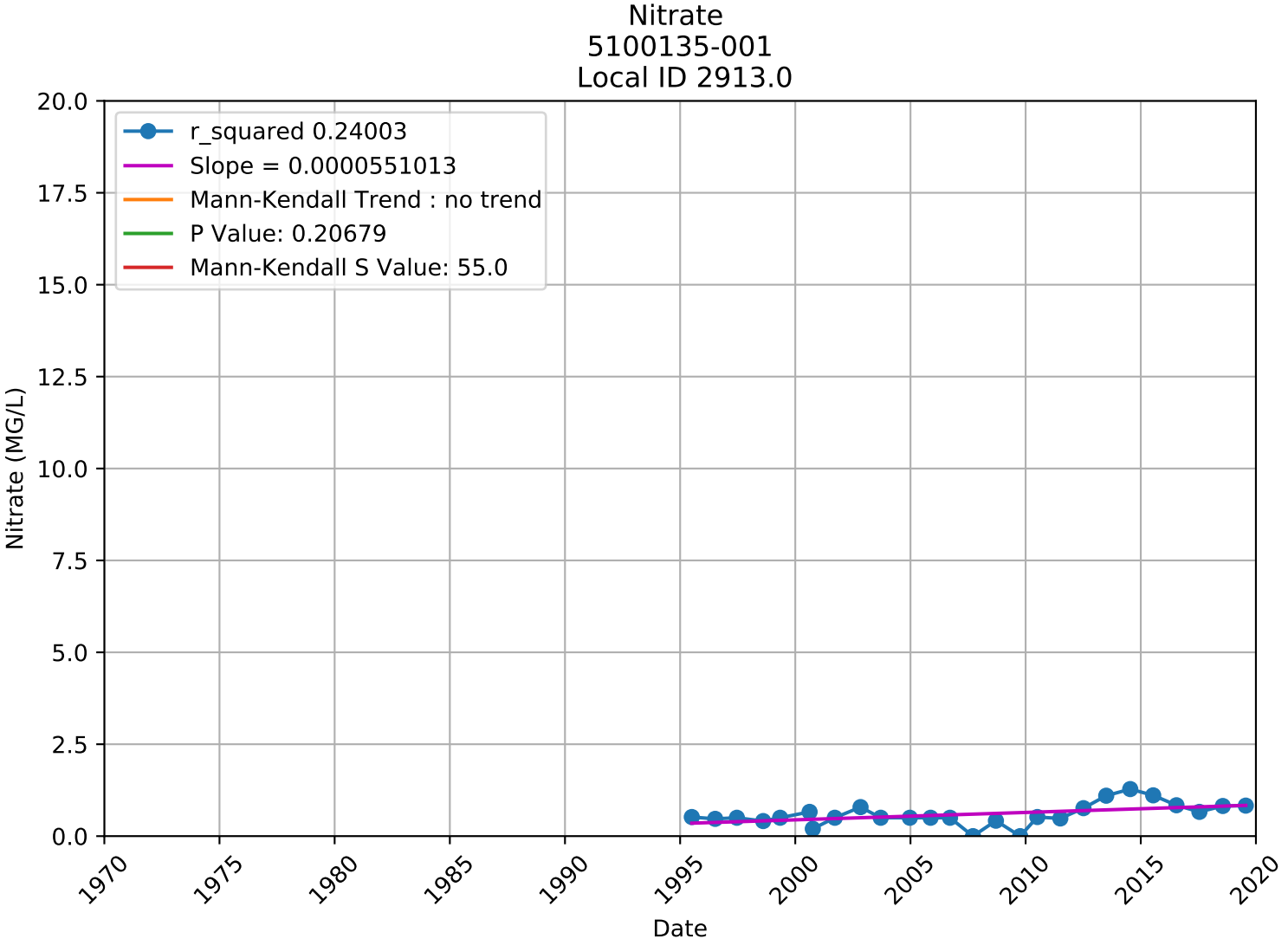

Nitrate
3910005-049
Local ID 2074.0
r_squared 0.06738
Slope = 0.0004198799
Mann-Kendall Trend : no trend
P Value: 0.88071
Mann-Kendall S Value: 79.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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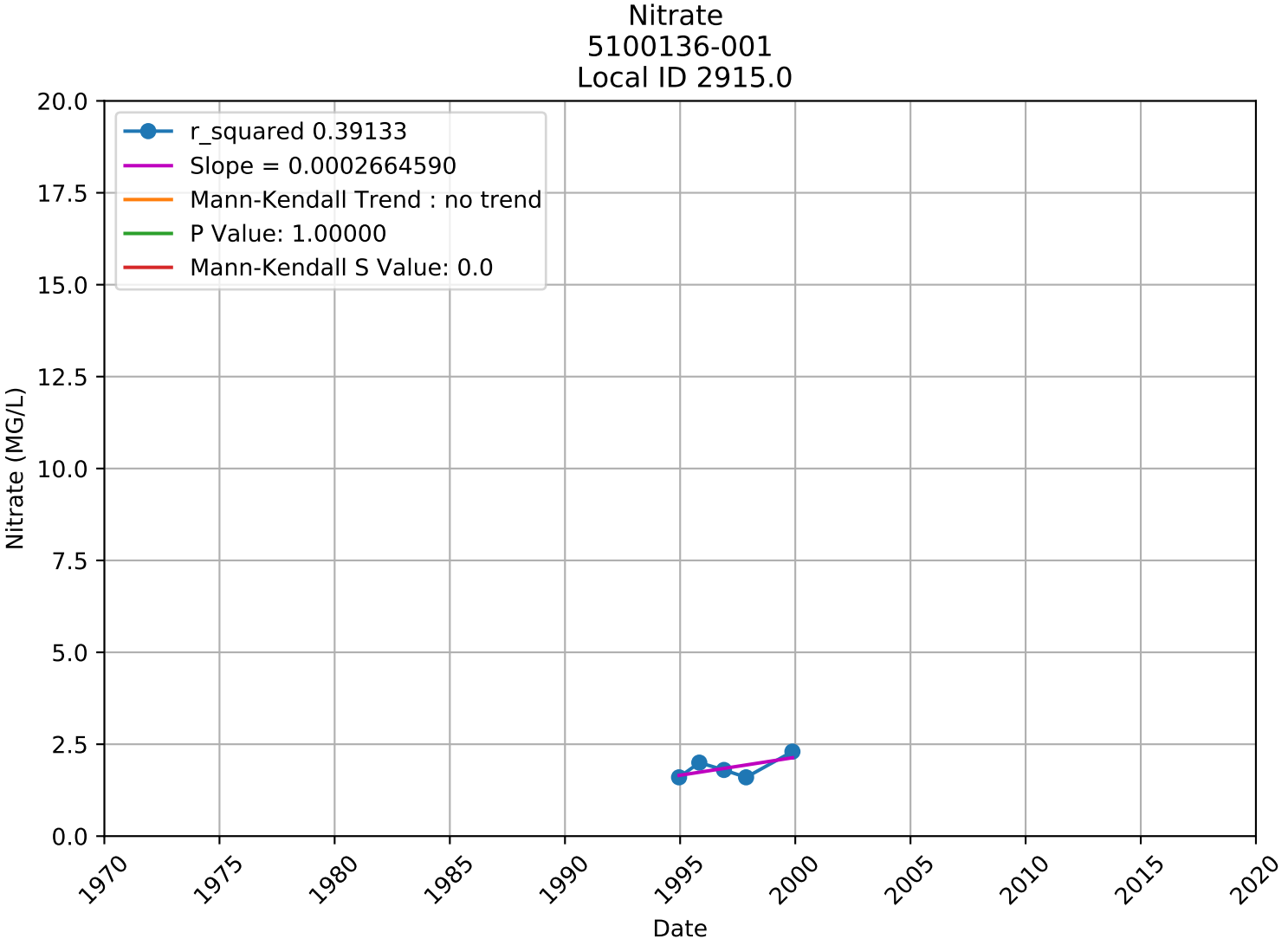

Nitrate
5100117-001
Local ID 2894.0
r_squared 0.07057
Slope = -0.0000406549
Mann-Kendall Trend : no trend
P Value: 0.73410
Mann-Kendall S Value: -2.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
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5.0
2.5
0.0
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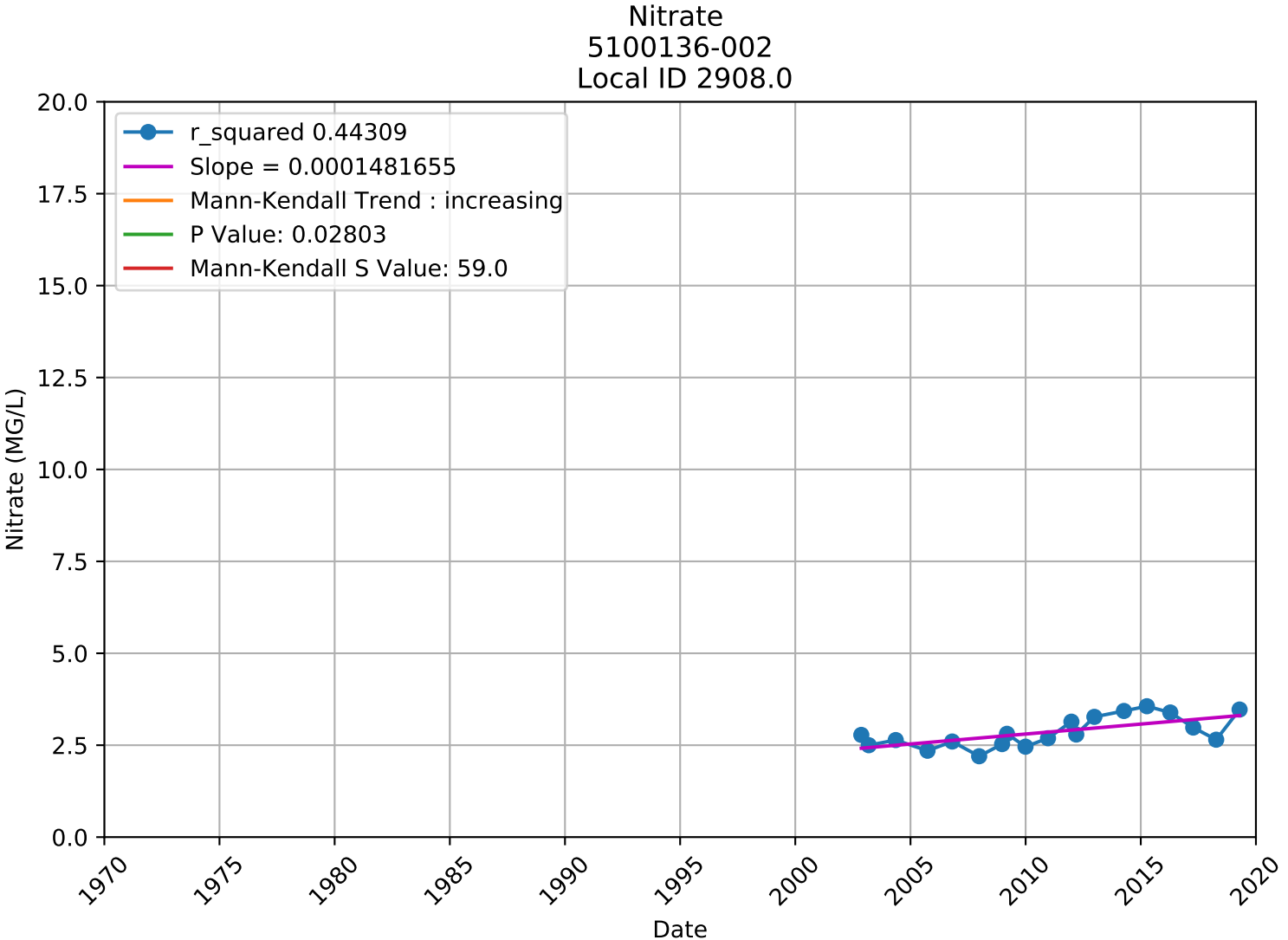

Nitrate
5100117-002
Local ID 2893.0
r_squared 0.58296
Slope = -0.0000752675
Mann-Kendall Trend : decreasing
P Value: 0.01114
Mann-Kendall S Value: -68.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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2.5
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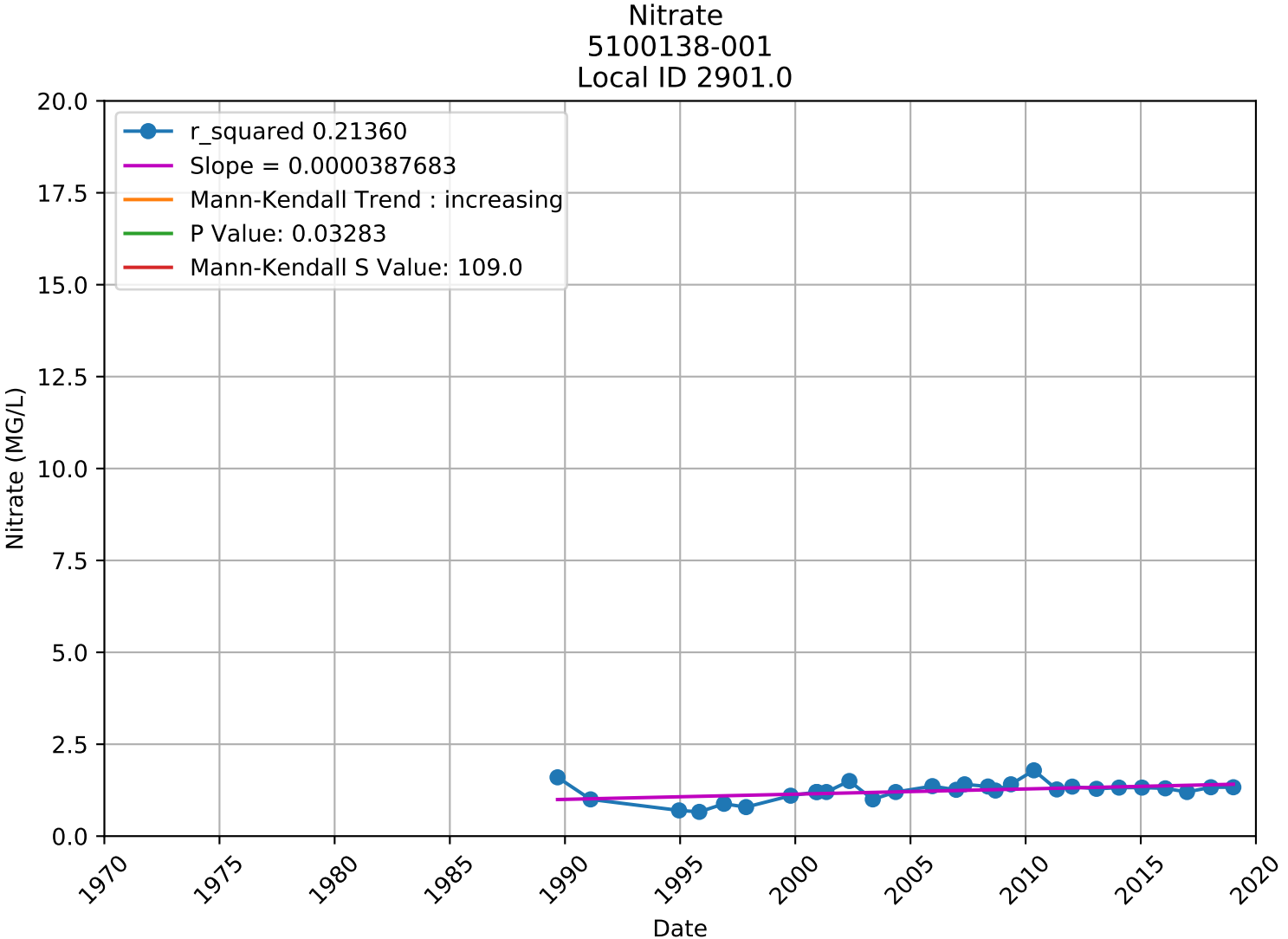

Nitrate
5100117-003
Local ID 2897.0
r_squared 0.55647
Slope = -0.0000697407
Mann-Kendall Trend : decreasing
P Value: 0.02629
Mann-Kendall S Value: -65.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
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5.0
2.5
0.0
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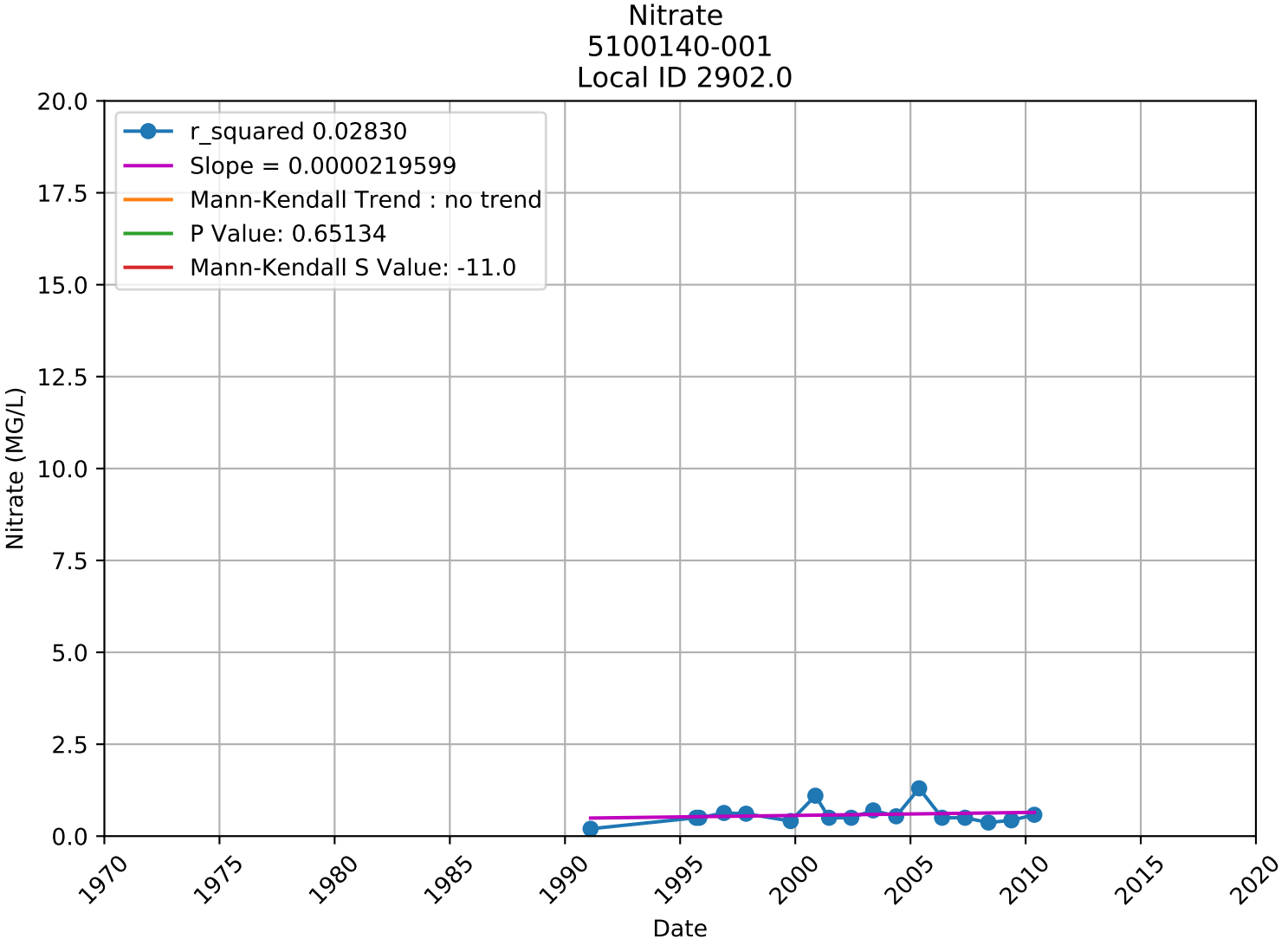

Nitrate
5100117-004
Local ID 2896.0
r_squared 0.72338
Slope = -0.0001079588
Mann-Kendall Trend : no trend
P Value: 0.12055
Mann-Kendall S Value: -38.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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2.5
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2020

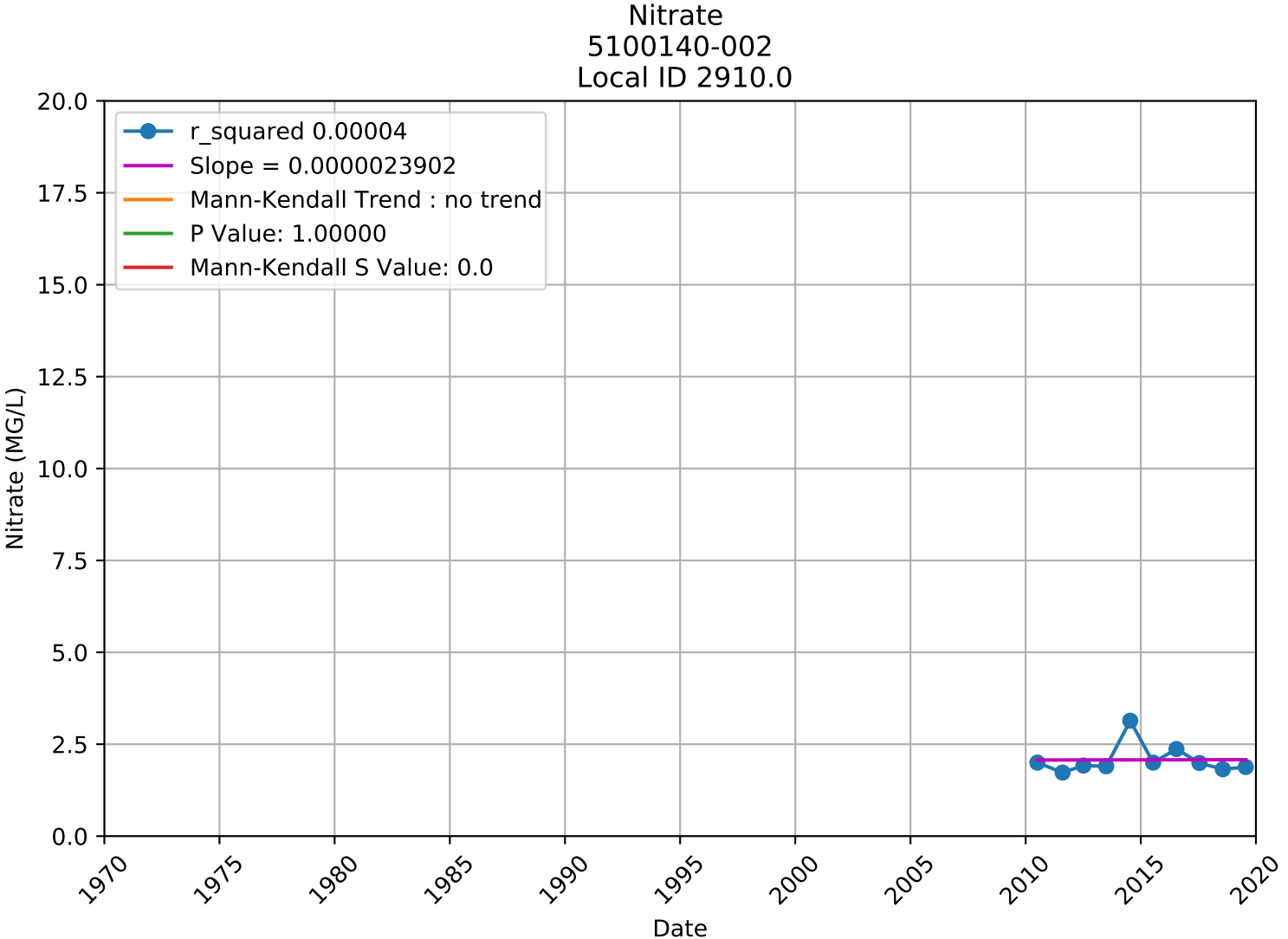

Nitrate
5100135-001
Local ID 2913.0
r_squared 0.24003
Slope = 0.0000551013
Mann-Kendall Trend : no trend
P Value: 0.20679
Mann-Kendall S Value: 55.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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10.0
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5.0
2.5
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2020

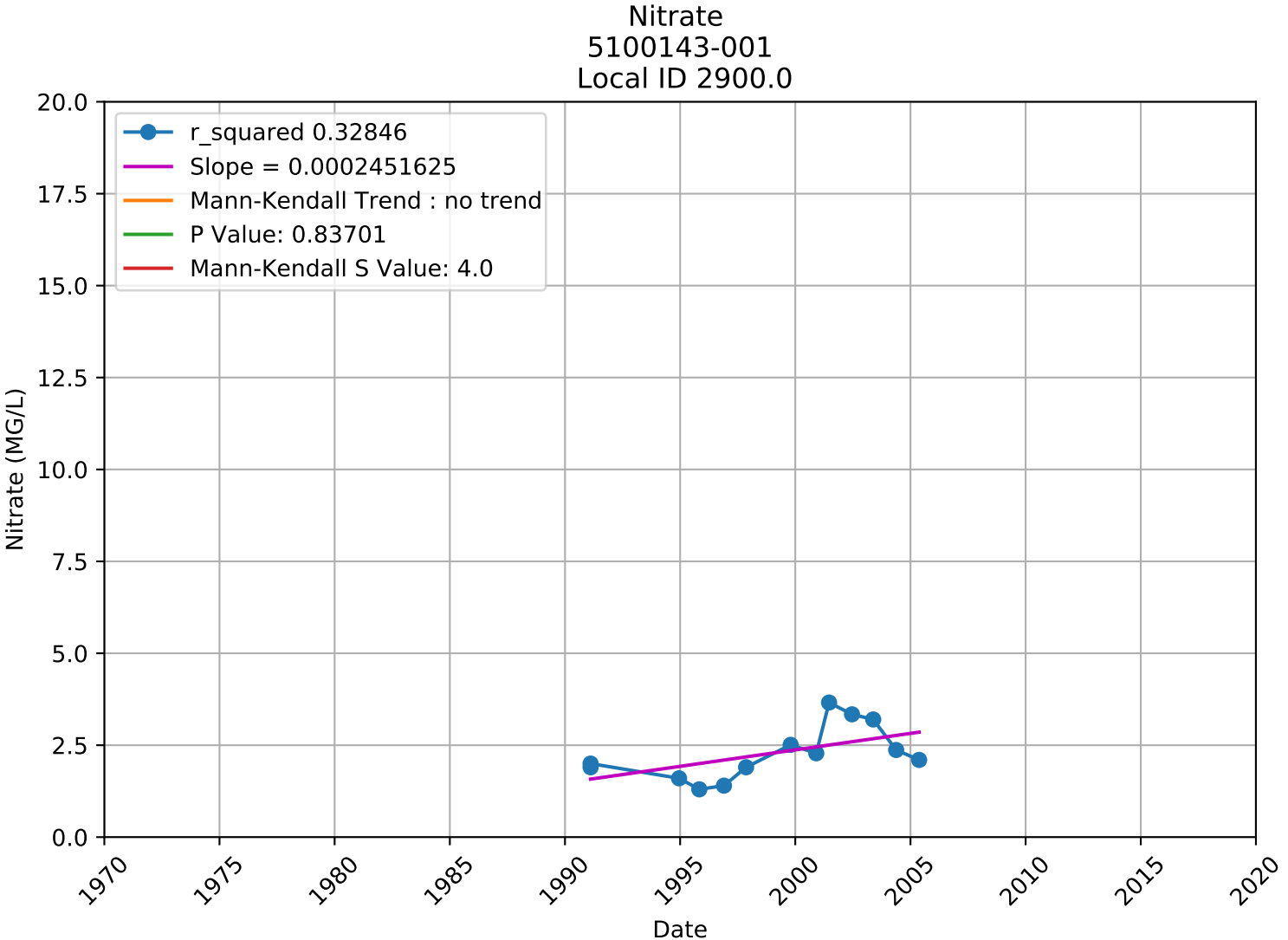

Nitrate
5100136-001
Local ID 2915.0
r_squared 0.39133
Slope = 0.0002664590
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
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2020

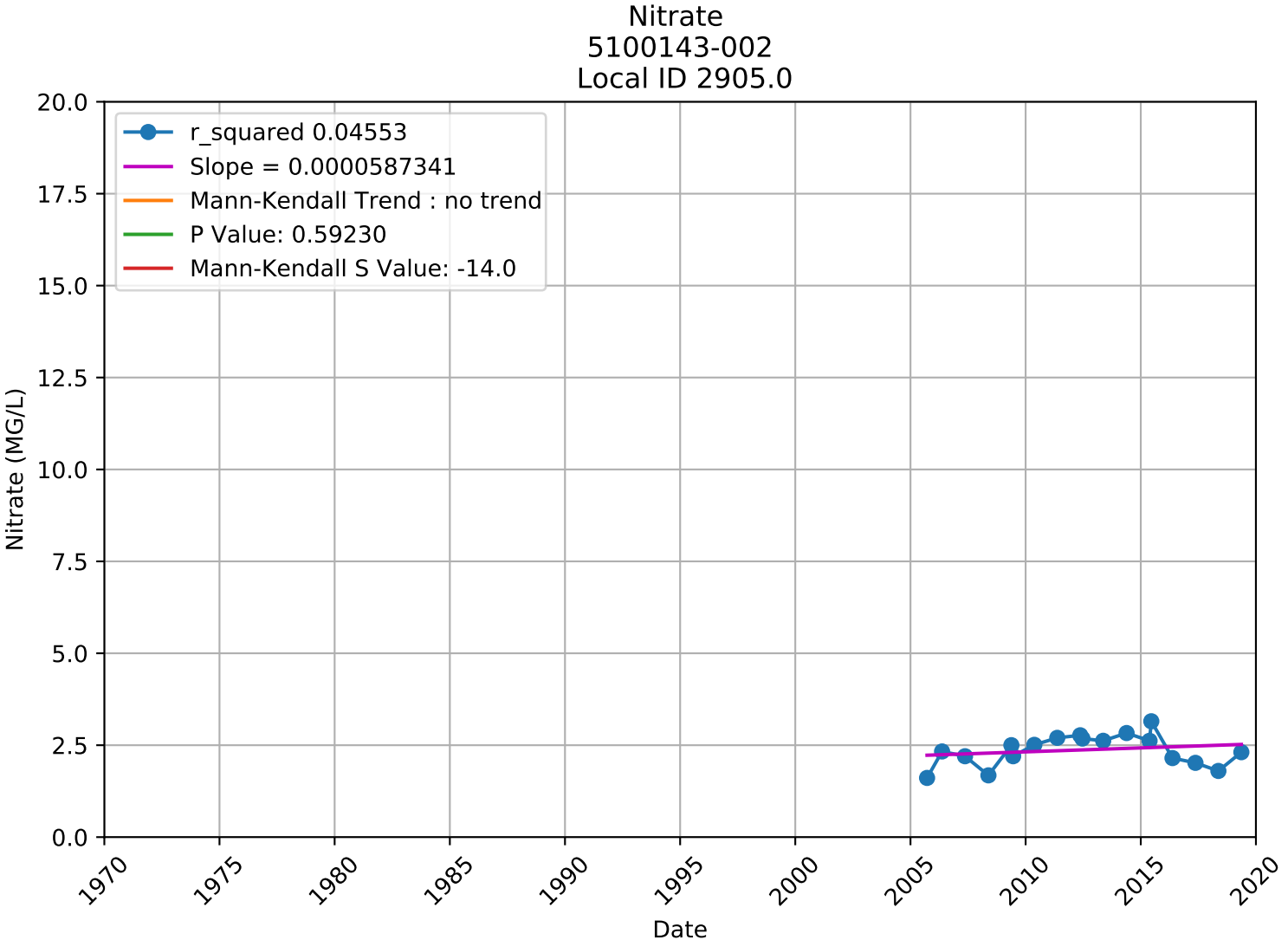

Nitrate
5100136-002
Local ID 2908.0
r_squared 0.44309
Slope = 0.0001481655
Mann-Kendall Trend : increasing
P Value: 0.02803
Mann-Kendall S Value: 59.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
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5.0
2.5
0.0
1970
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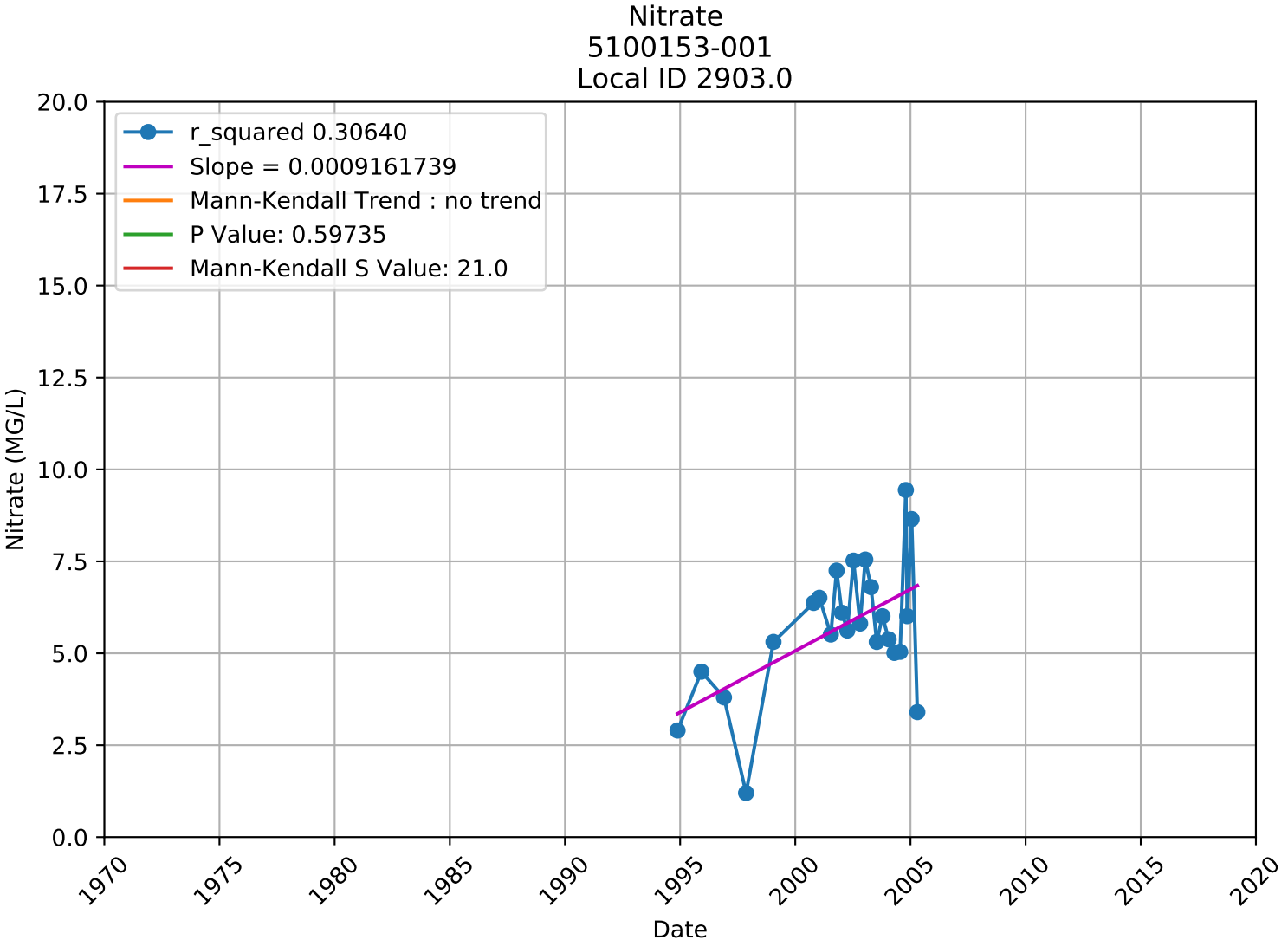

Nitrate
5100138-001
Local ID 2901.0
r_squared 0.21360
Slope = 0.0000387683
Mann-Kendall Trend : increasing
P Value: 0.03283
Mann-Kendall S Value: 109.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
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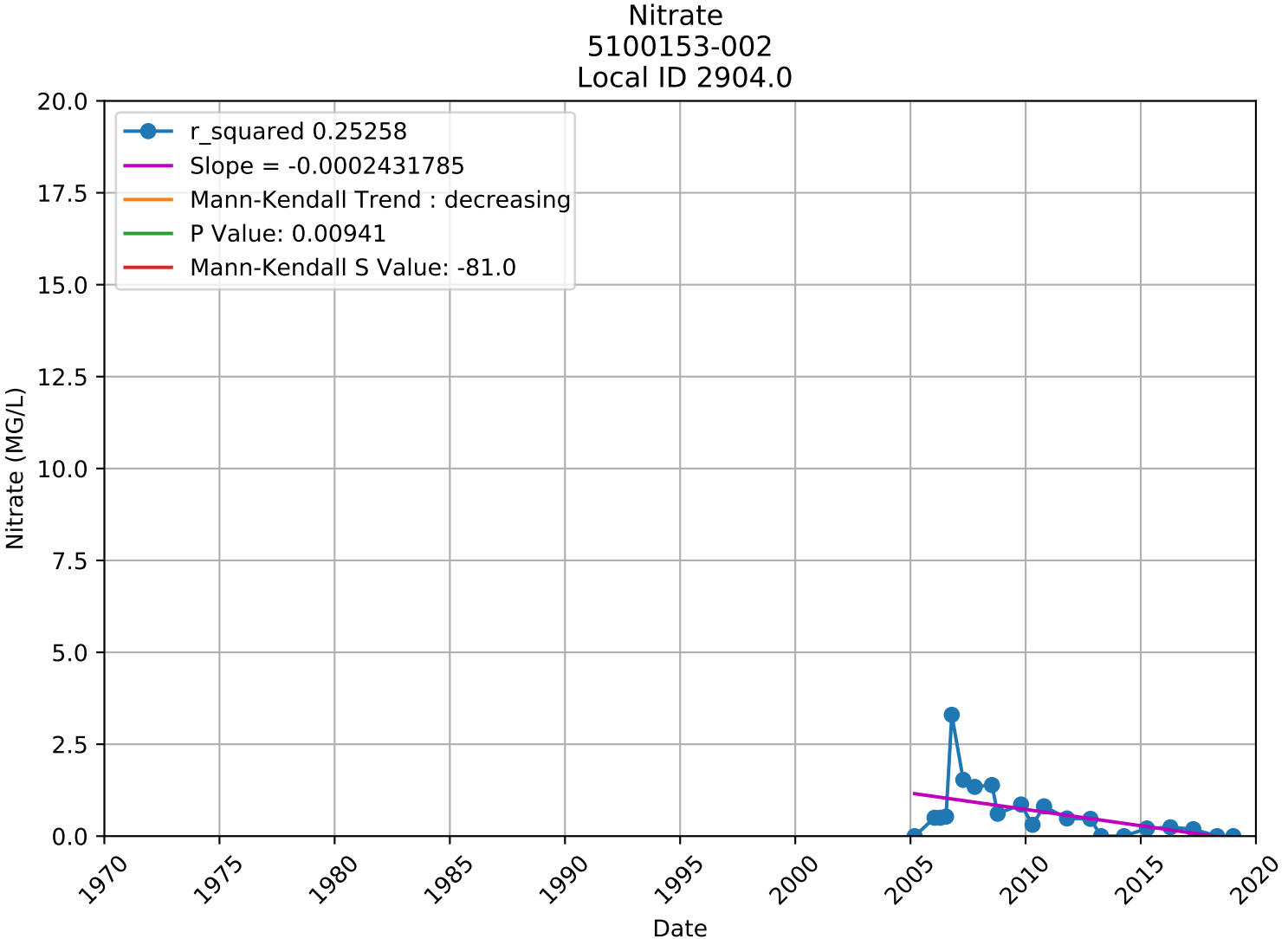

Nitrate
5100140-001
Local ID 2902.0
r_squared 0.02830
Slope = 0.0000219599
Mann-Kendall Trend : no trend
P Value: 0.65134
Mann-Kendall S Value: -11.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
1975
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2015
2020

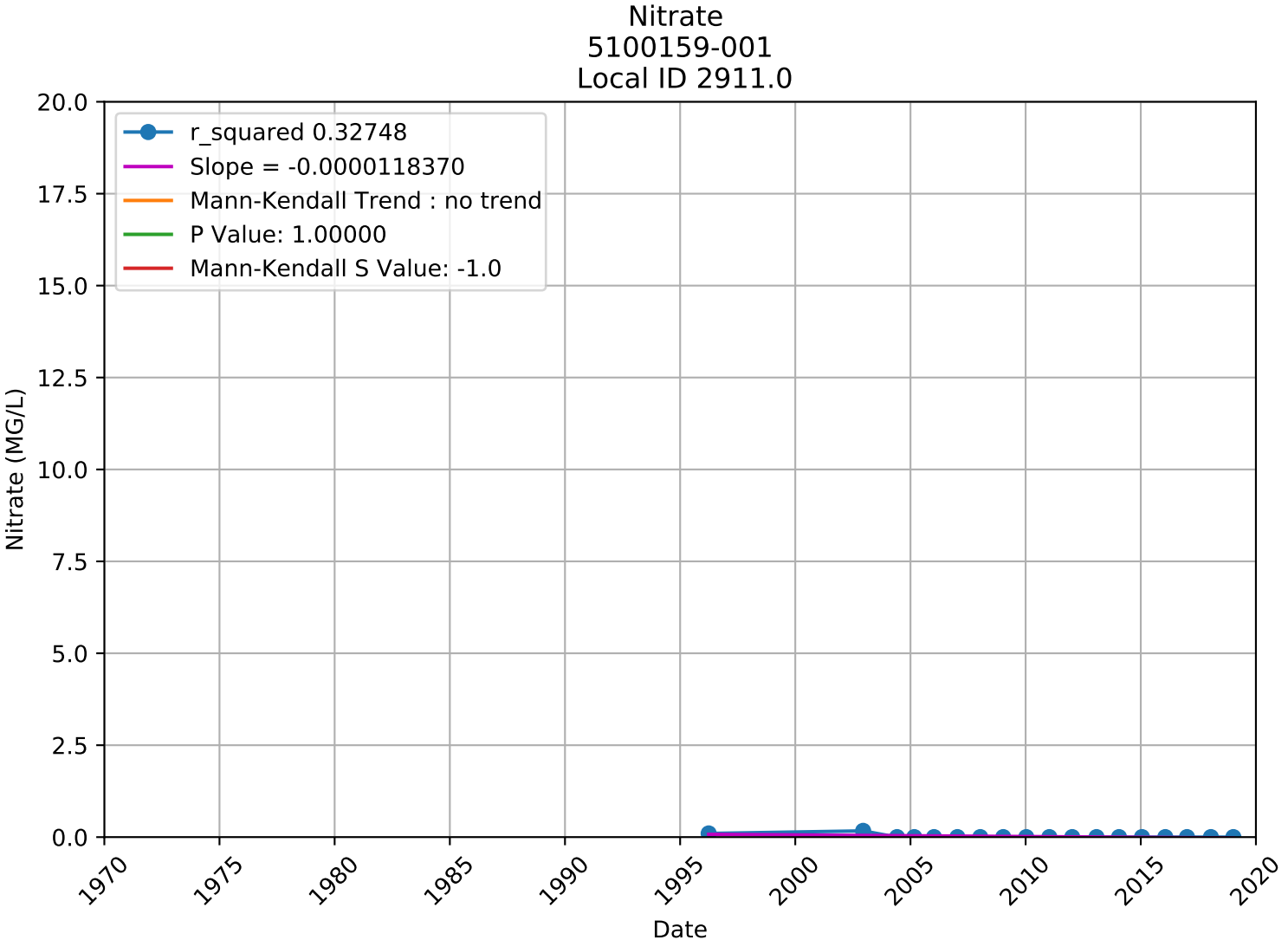

Nitrate
5100140-002
Local ID 2910.0
r_squared 0.00004
Slope = 0.0000023902
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
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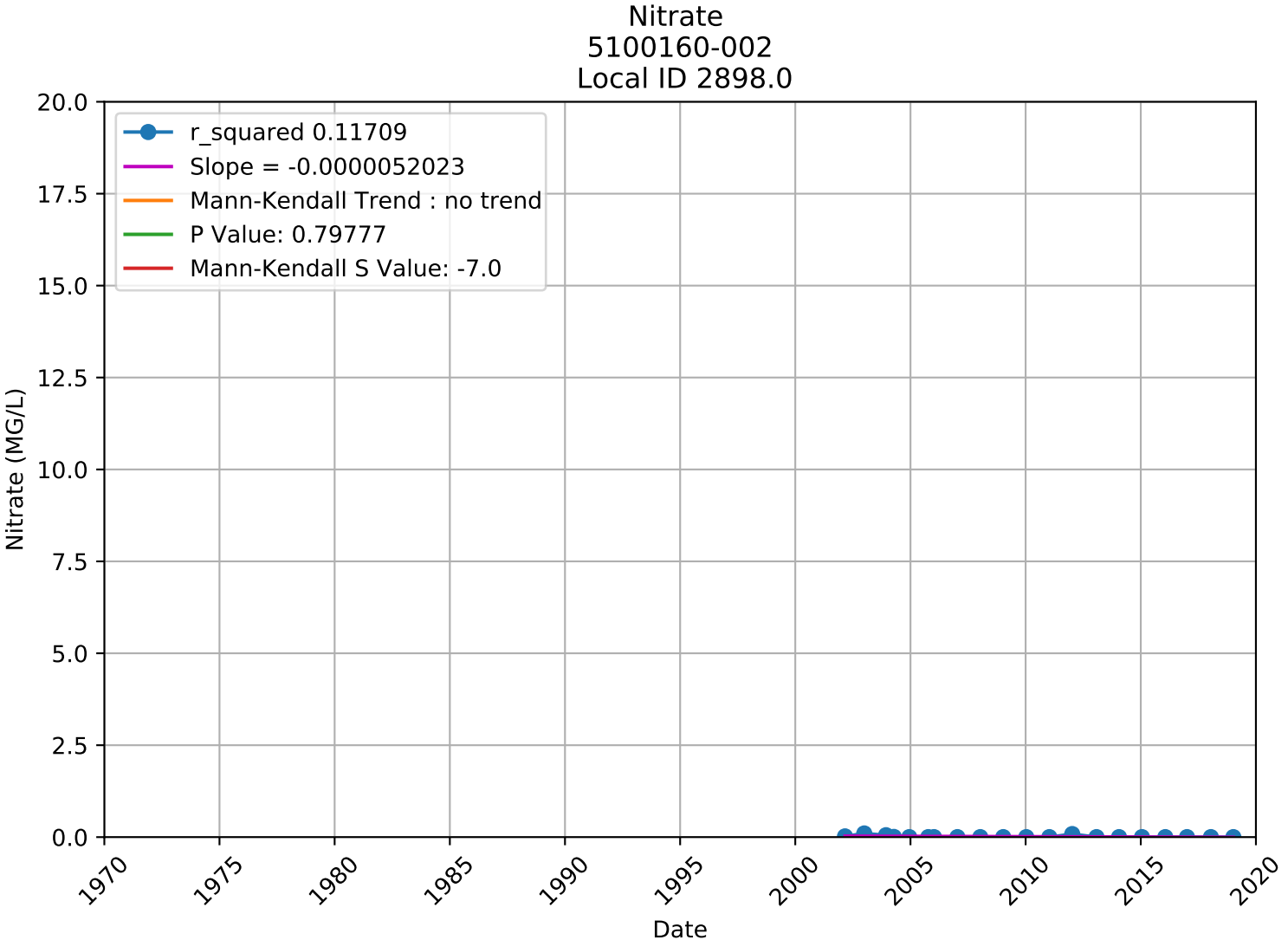

Nitrate
5100143-001
Local ID 2900.0
r_squared 0.32846
Slope = 0.0002451625
Mann-Kendall Trend : no trend
P Value: 0.83701
Mann-Kendall S Value: 4.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
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5.0
2.5
0.0
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1985
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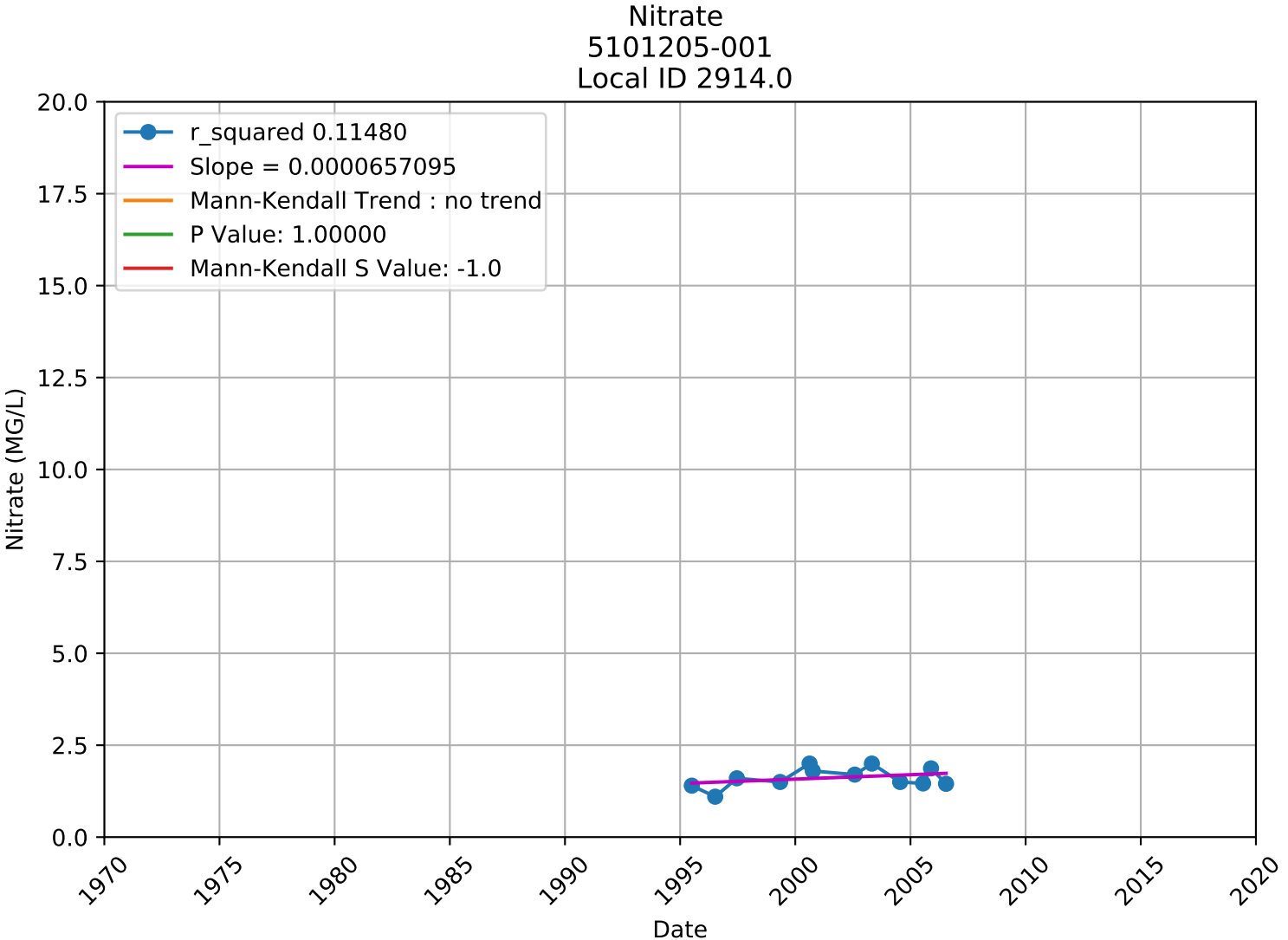

Nitrate
5100143-002
Local ID 2905.0
r_squared 0.04553
Slope = 0.0000587341
Mann-Kendall Trend : no trend
P Value: 0.59230
Mann-Kendall S Value: -14.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
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5.0
2.5
0.0
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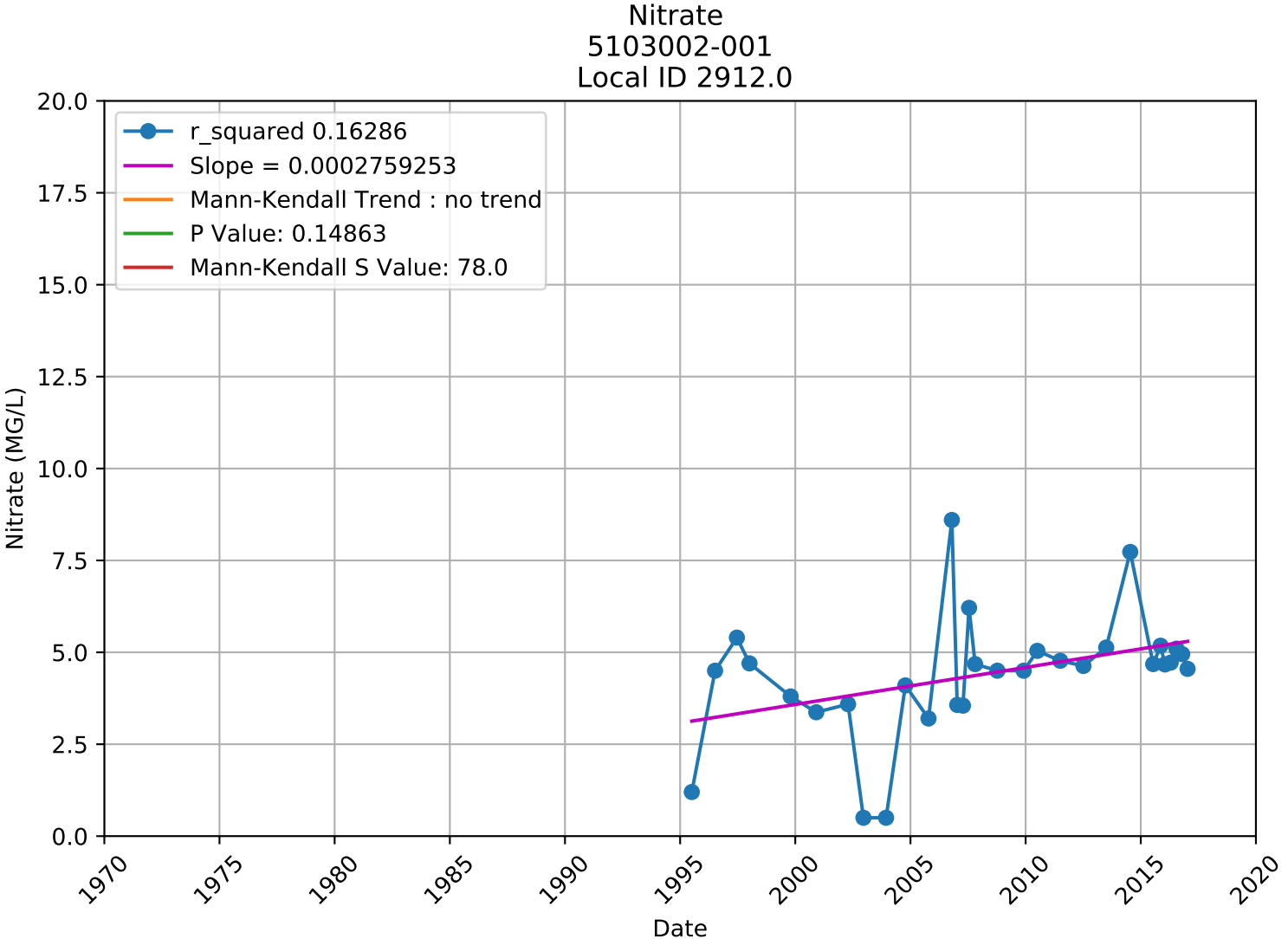

Nitrate
5100153-001
Local ID 2903.0
r_squared 0.30640
Slope = 0.0009161739
Mann-Kendall Trend : no trend
P Value: 0.59735
Mann-Kendall S Value: 21.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
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1985
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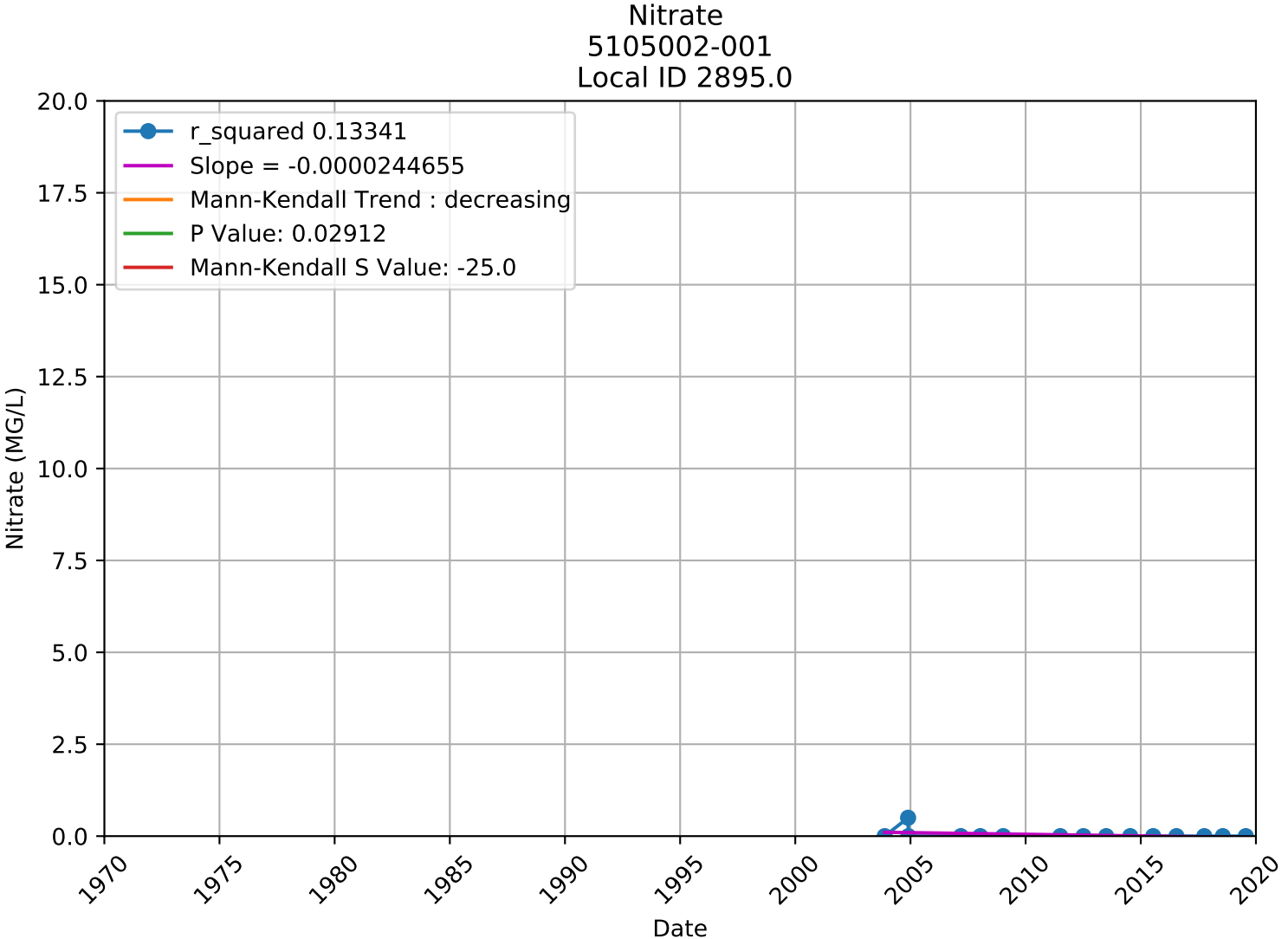

Nitrate
5100153-002
Local ID 2904.0
r_squared 0.25258
Slope = -0.0002431785
Mann-Kendall Trend : decreasing
P Value: 0.00941
Mann-Kendall S Value: -81.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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5.0
2.5
0.0
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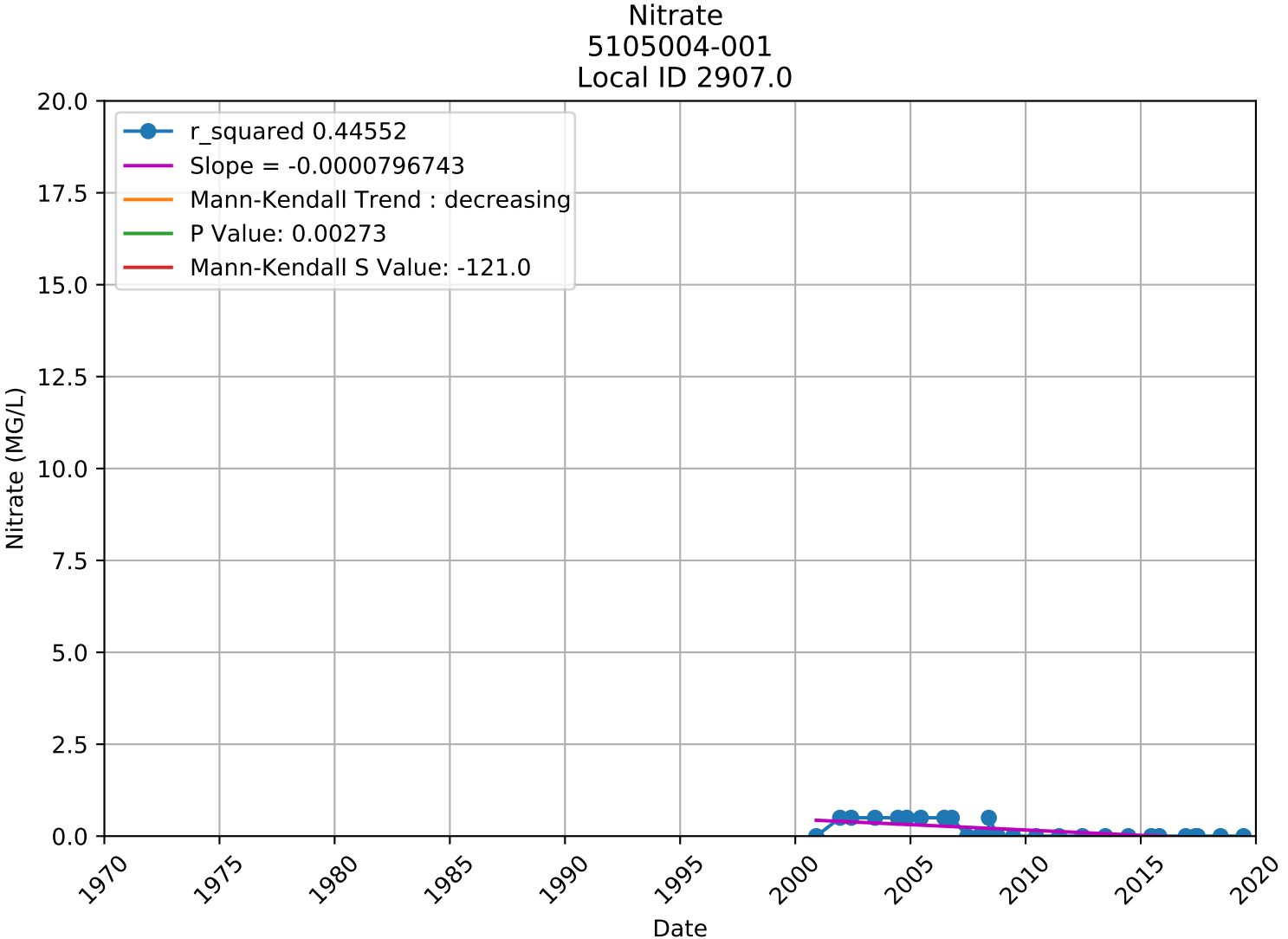

Nitrate
5100159-001
Local ID 2911.0
r_squared 0.32748
Slope = -0.0000118370
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
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5.0
2.5
0.0
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2015
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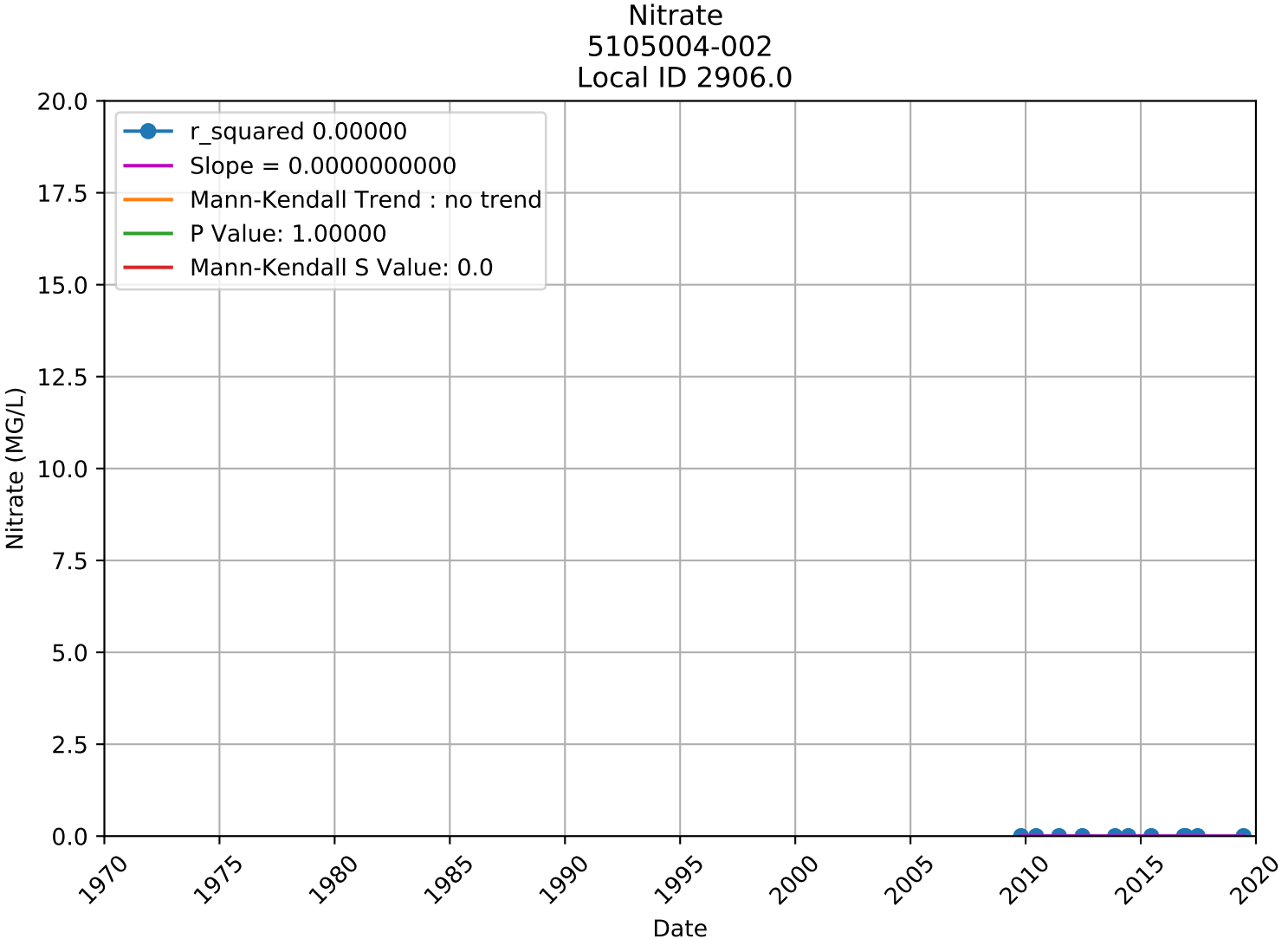

Nitrate
5100160-002
Local ID 2898.0
r_squared 0.11709
Slope = -0.0000052023
Mann-Kendall Trend : no trend
P Value: 0.79777
Mann-Kendall S Value: -7.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
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2020

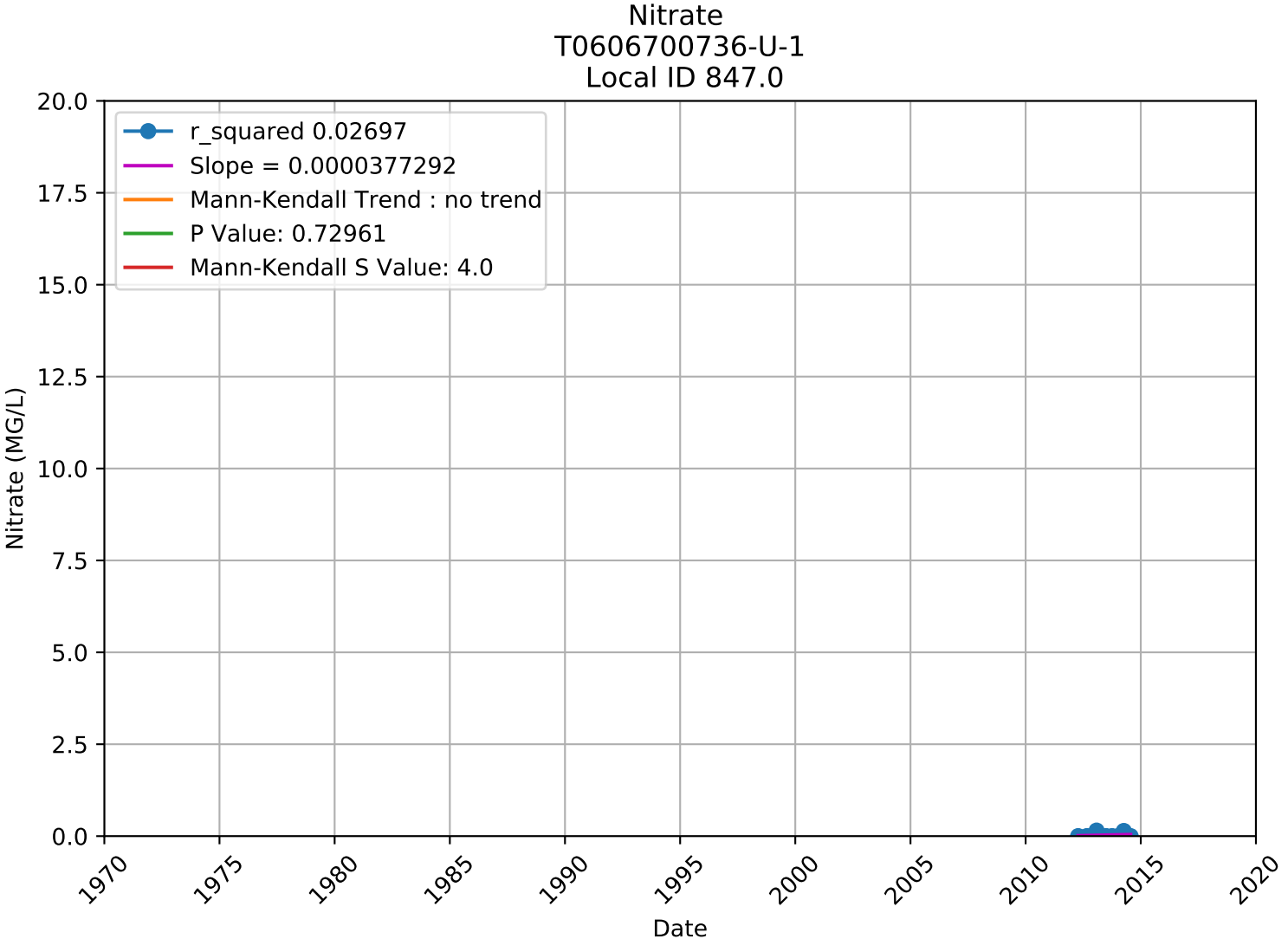

Nitrate
5101205-001
Local ID 2914.0
r_squared 0.11480
Slope = 0.0000657095
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
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2015
2020

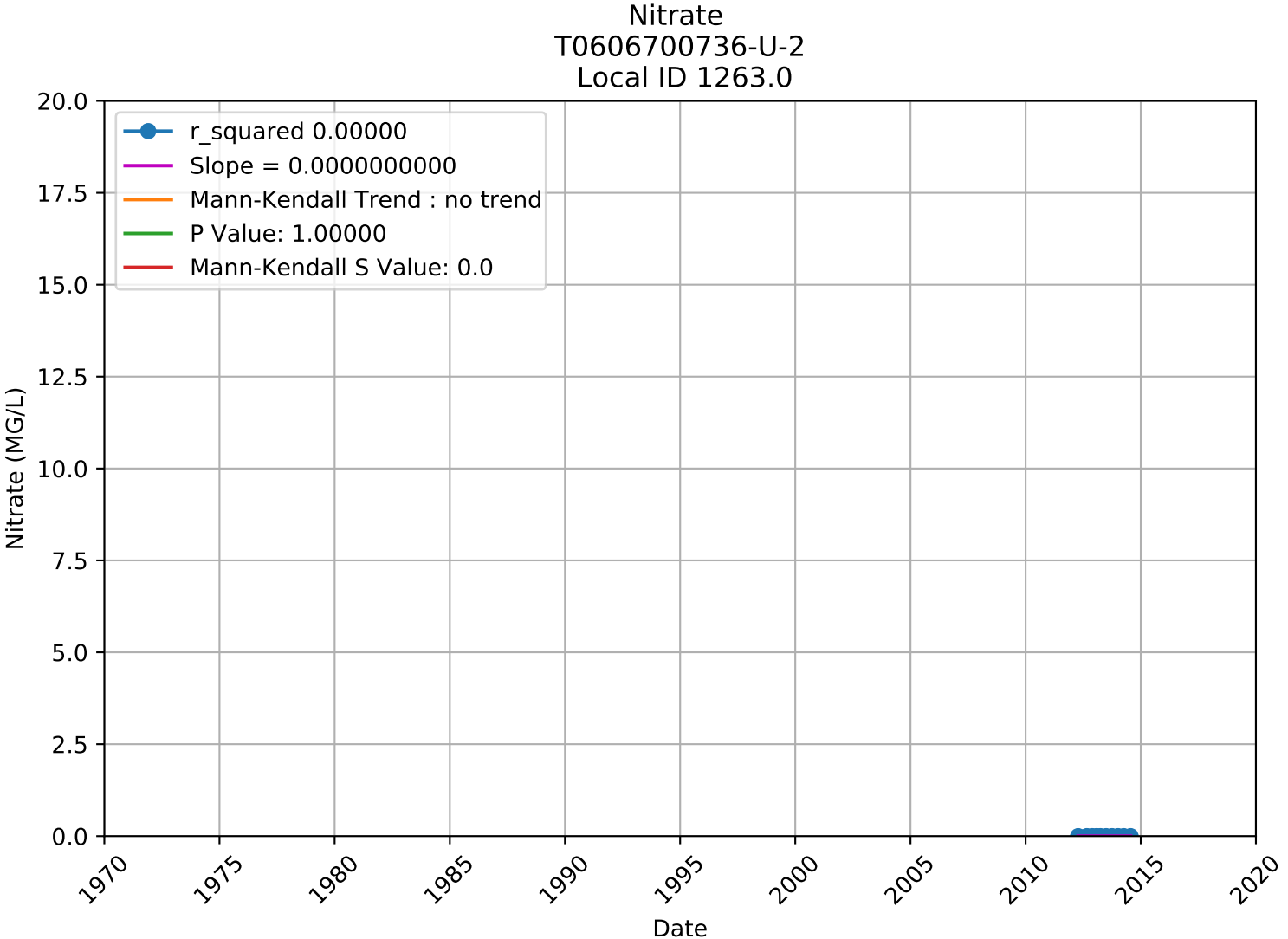

Nitrate
5103002-001
Local ID 2912.0
r_squared 0.16286
Slope = 0.0002759253
Mann-Kendall Trend : no trend
P Value: 0.14863
Mann-Kendall S Value: 78.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
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2010
2015
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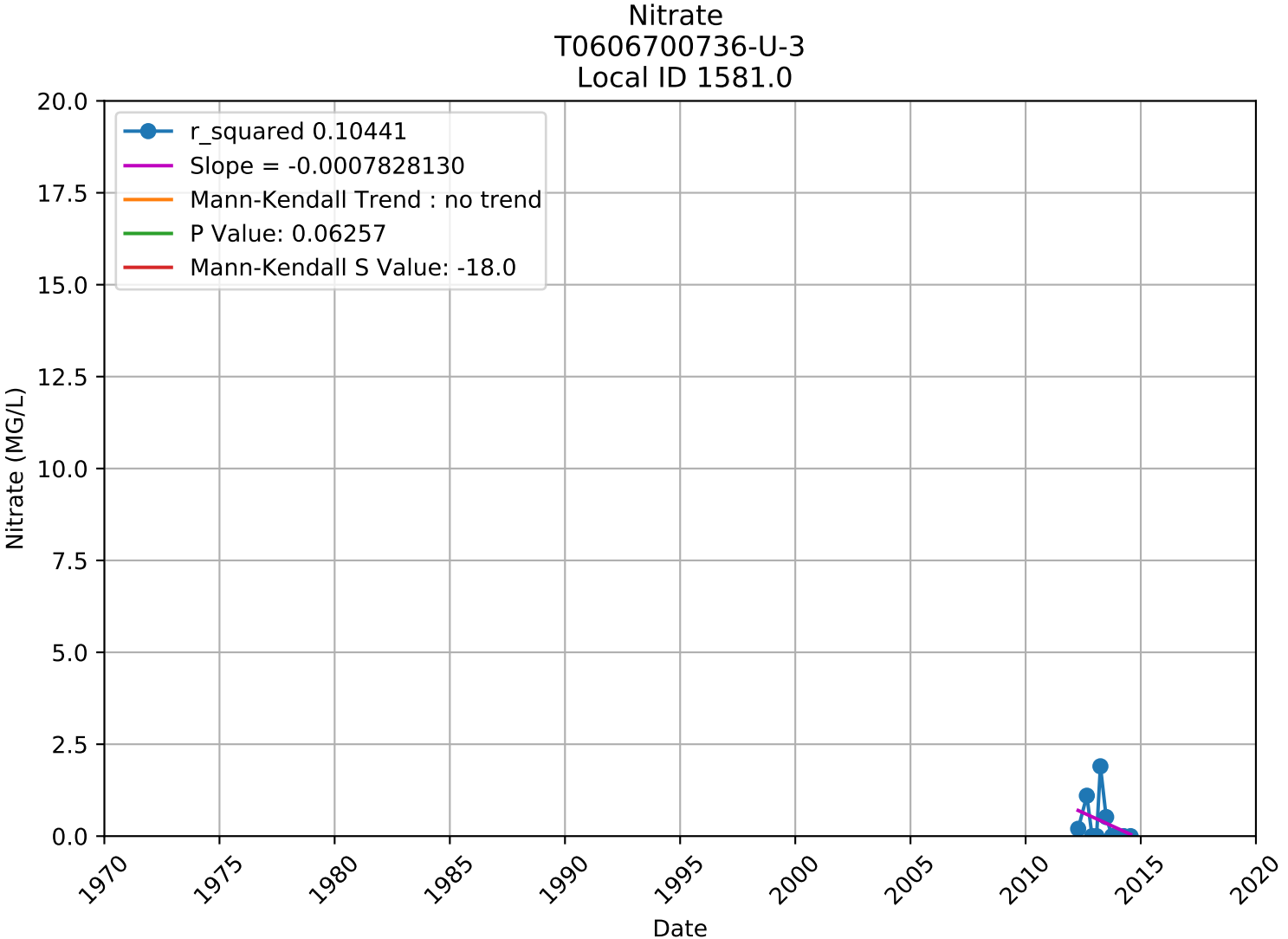

Nitrate
5105002-001
Local ID 2895.0
r_squared 0.13341
Slope = -0.0000244655
Mann-Kendall Trend : decreasing
P Value: 0.02912
Mann-Kendall S Value: -25.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
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2020

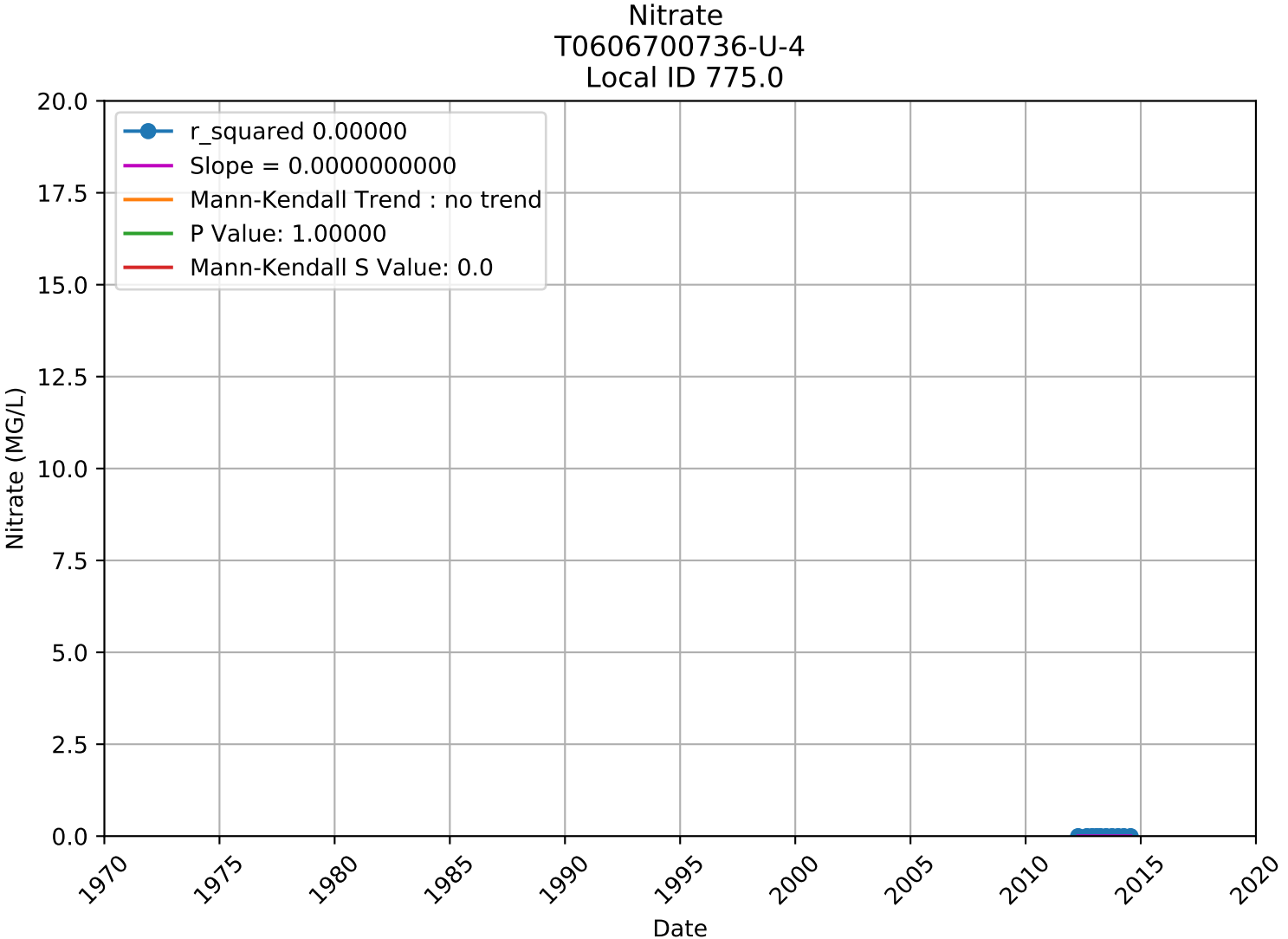

Nitrate
5105004-001
Local ID 2907.0
r_squared 0.44552
Slope = -0.0000796743
Mann-Kendall Trend : decreasing
P Value: 0.00273
Mann-Kendall S Value: -121.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
1975
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2015
2020

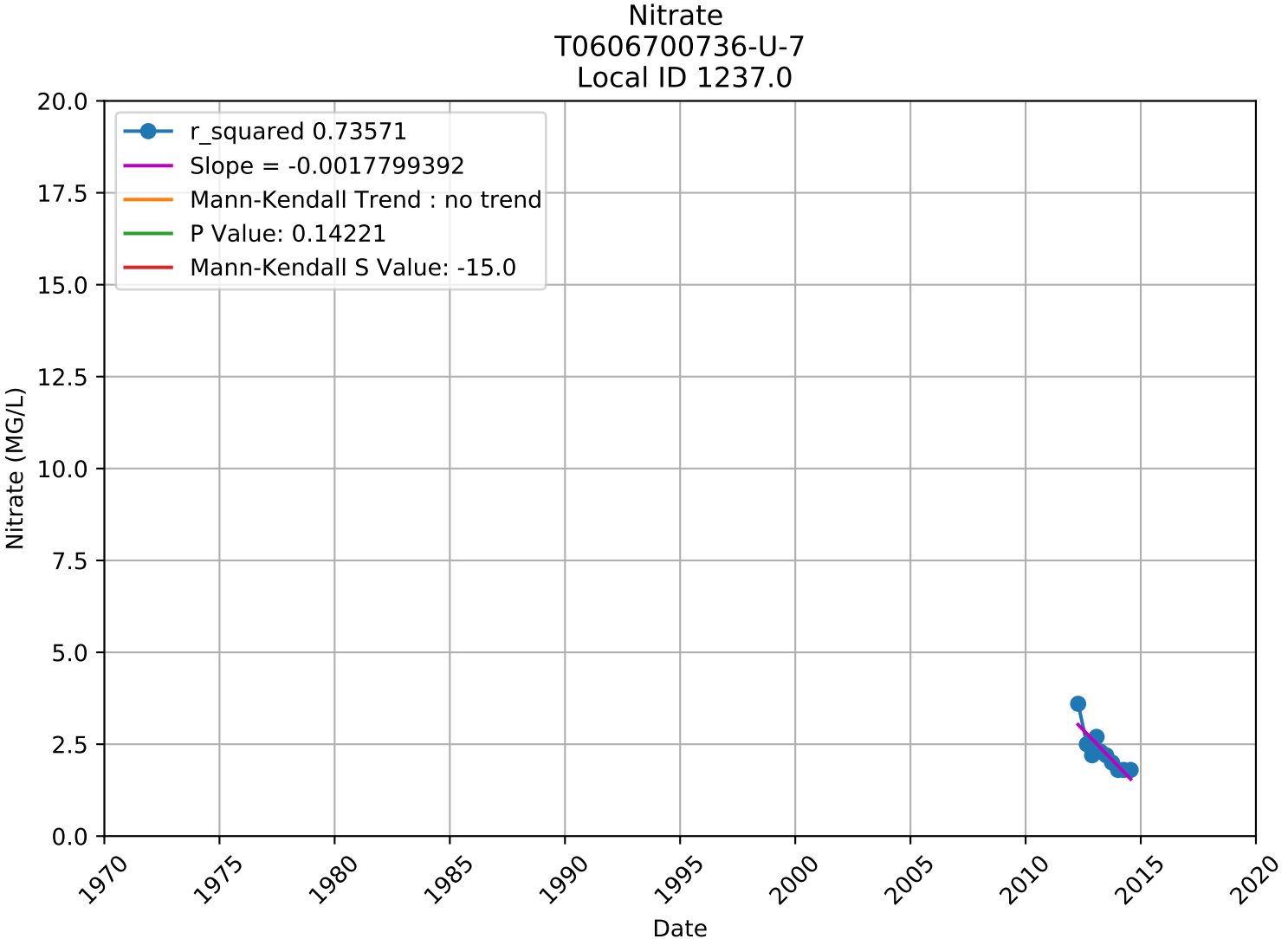

Nitrate
5105004-002
Local ID 2906.0
r_squared 0.00000
Slope = 0.0000000000
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
1975
1980
1985
1990
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2010
2015
2020

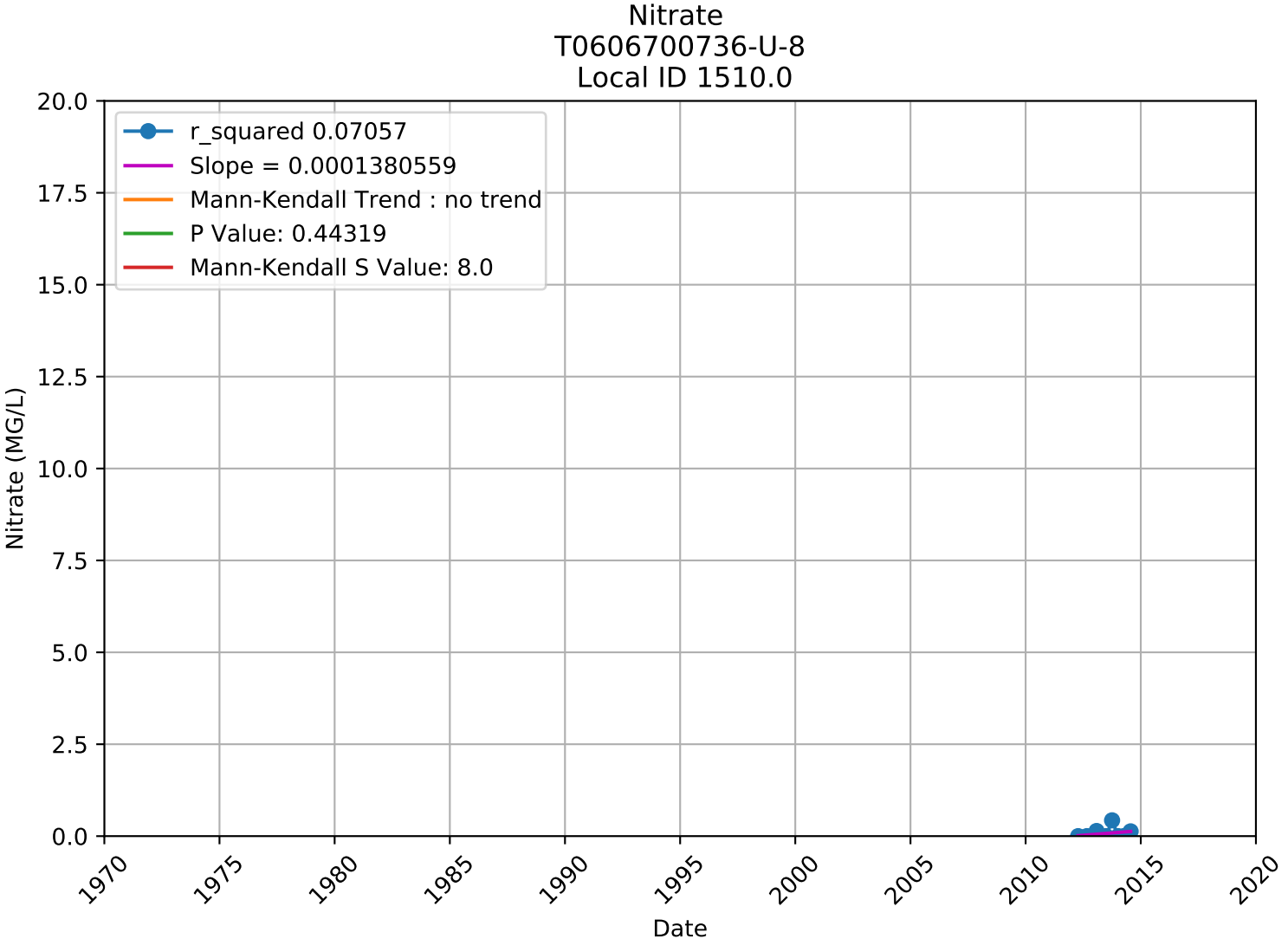

Nitrate
T0606700736-U-1
Local ID 847.0
r_squared 0.02697
Slope = 0.0000377292
Mann-Kendall Trend : no trend
P Value: 0.72961
Mann-Kendall S Value: 4.0
Nitrate (MG/L)
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
1975
1980
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1990
1995
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2005
2010
2015
2020
Date

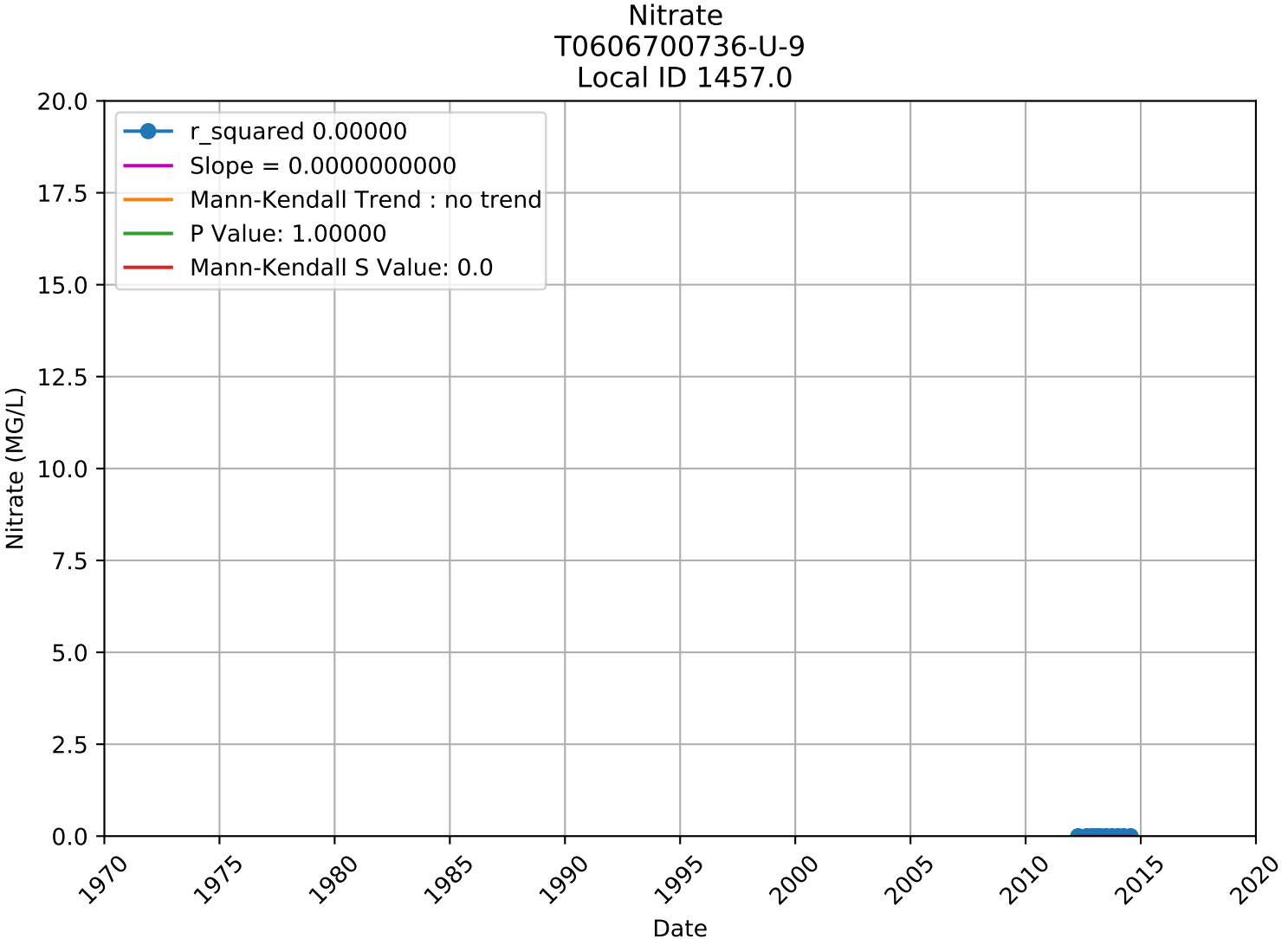

Nitrate
T0606700736-U-2
Local ID 1263.0
r_squared 0.00000
Slope = 0.0000000000
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Nitrate (MG/L)
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

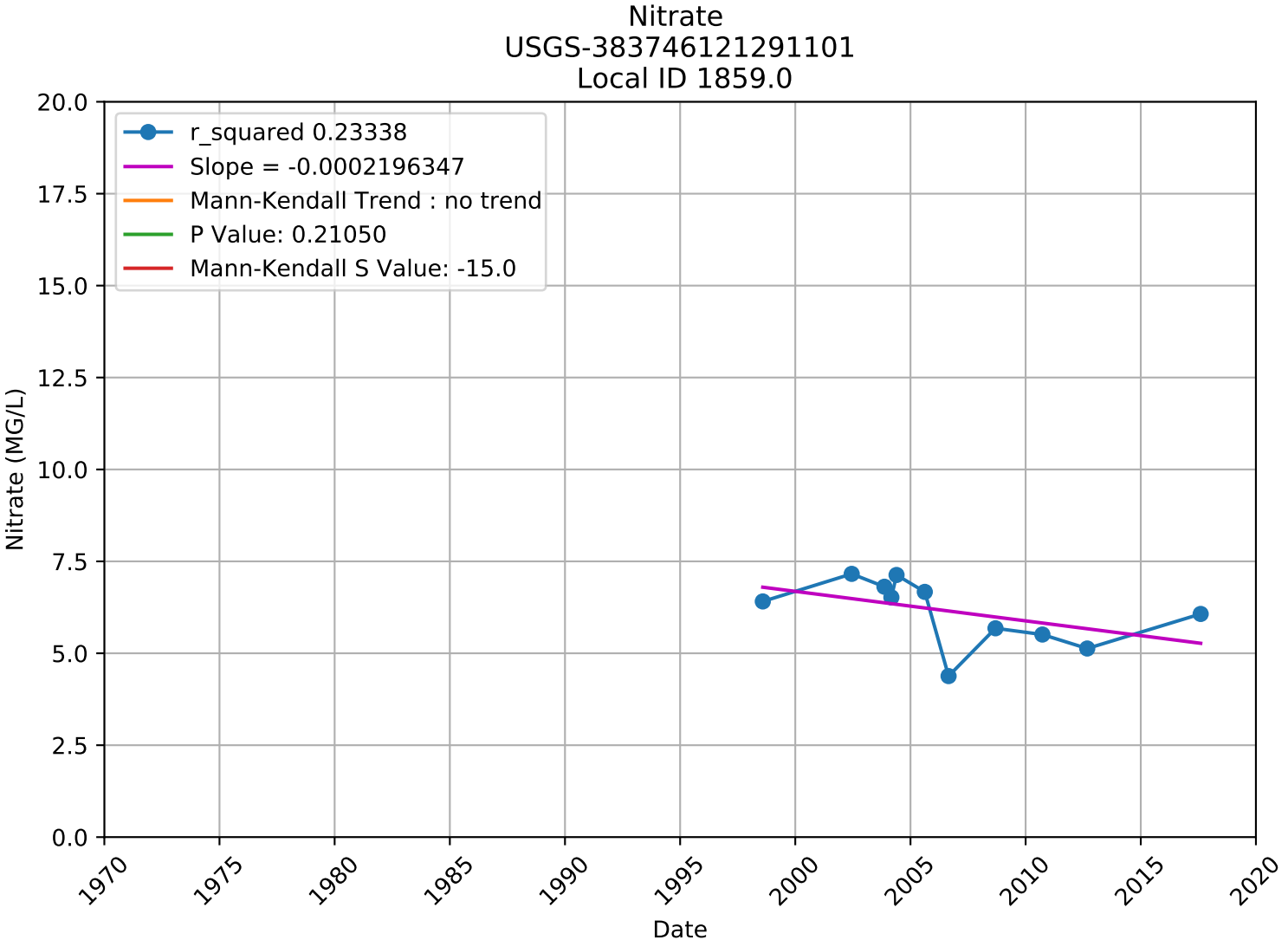

Nitrate
T0606700736-U-3
Local ID 1581.0
r_squared 0.10441
Slope = -0.0007828130
Mann-Kendall Trend : no trend
P Value: 0.06257
Mann-Kendall S Value: -18.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
1975
1980
1985
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2005
2010
2015
2020

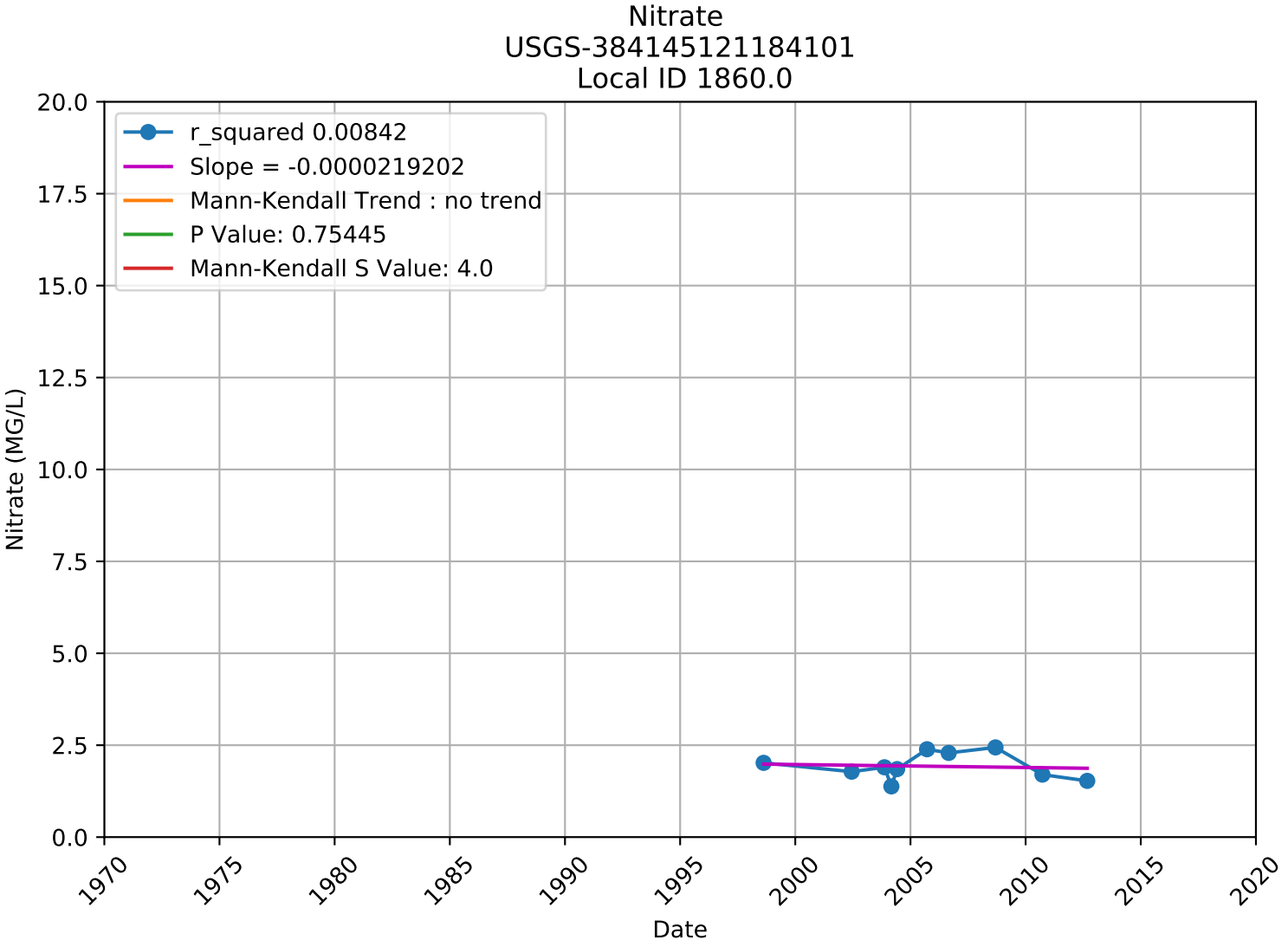

Nitrate
T0606700736-U-4
Local ID 775.0
r_squared 0.00000
Slope = 0.0000000000
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Nitrate (MG/L)
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
1975
1980
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2010
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2020
Date

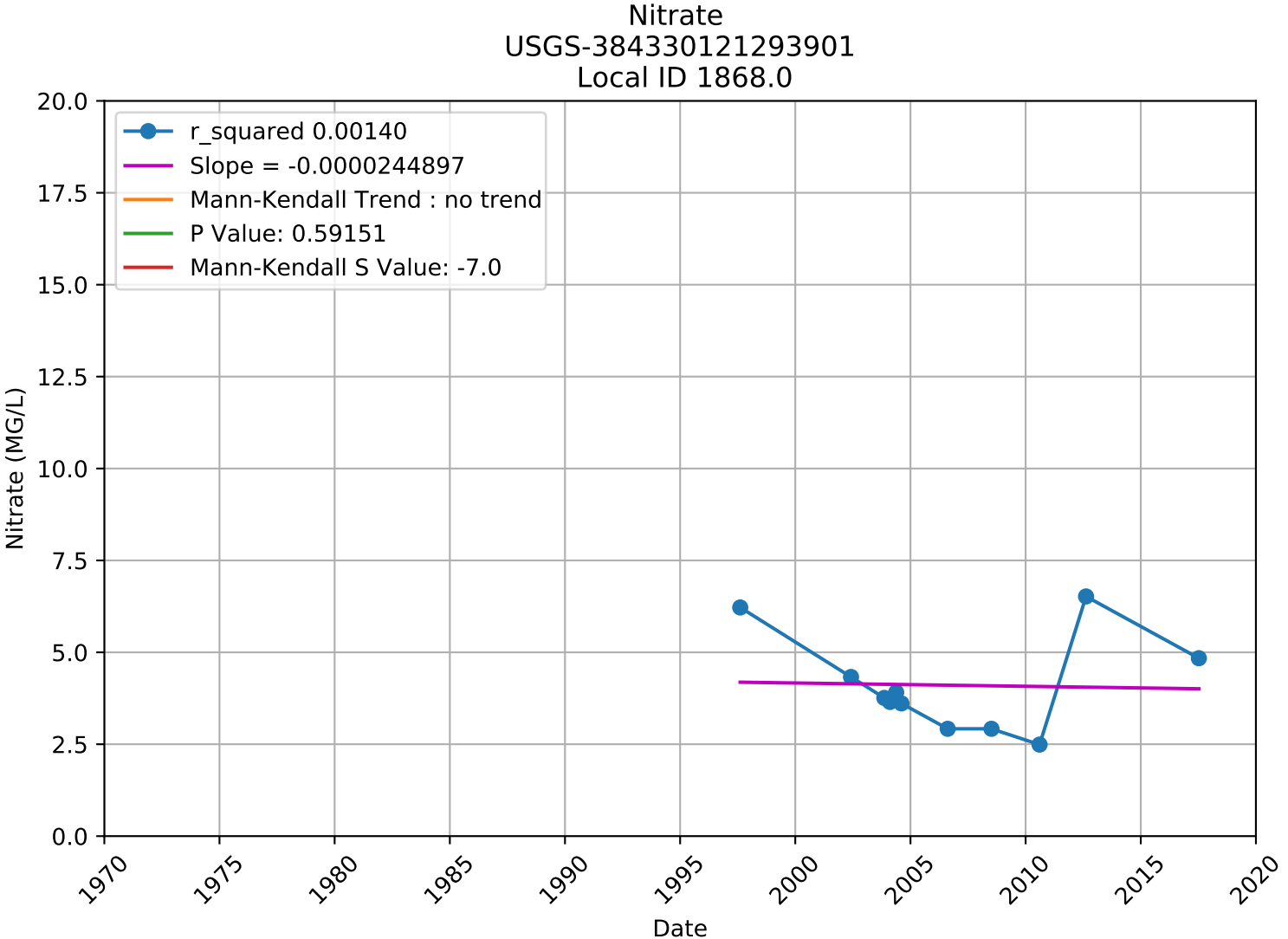

Nitrate
T0606700736-U-7
Local ID 1237.0
r_squared 0.73571
Slope = -0.0017799392
Mann-Kendall Trend : no trend
P Value: 0.14221
Mann-Kendall S Value: -15.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
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5.0
2.5
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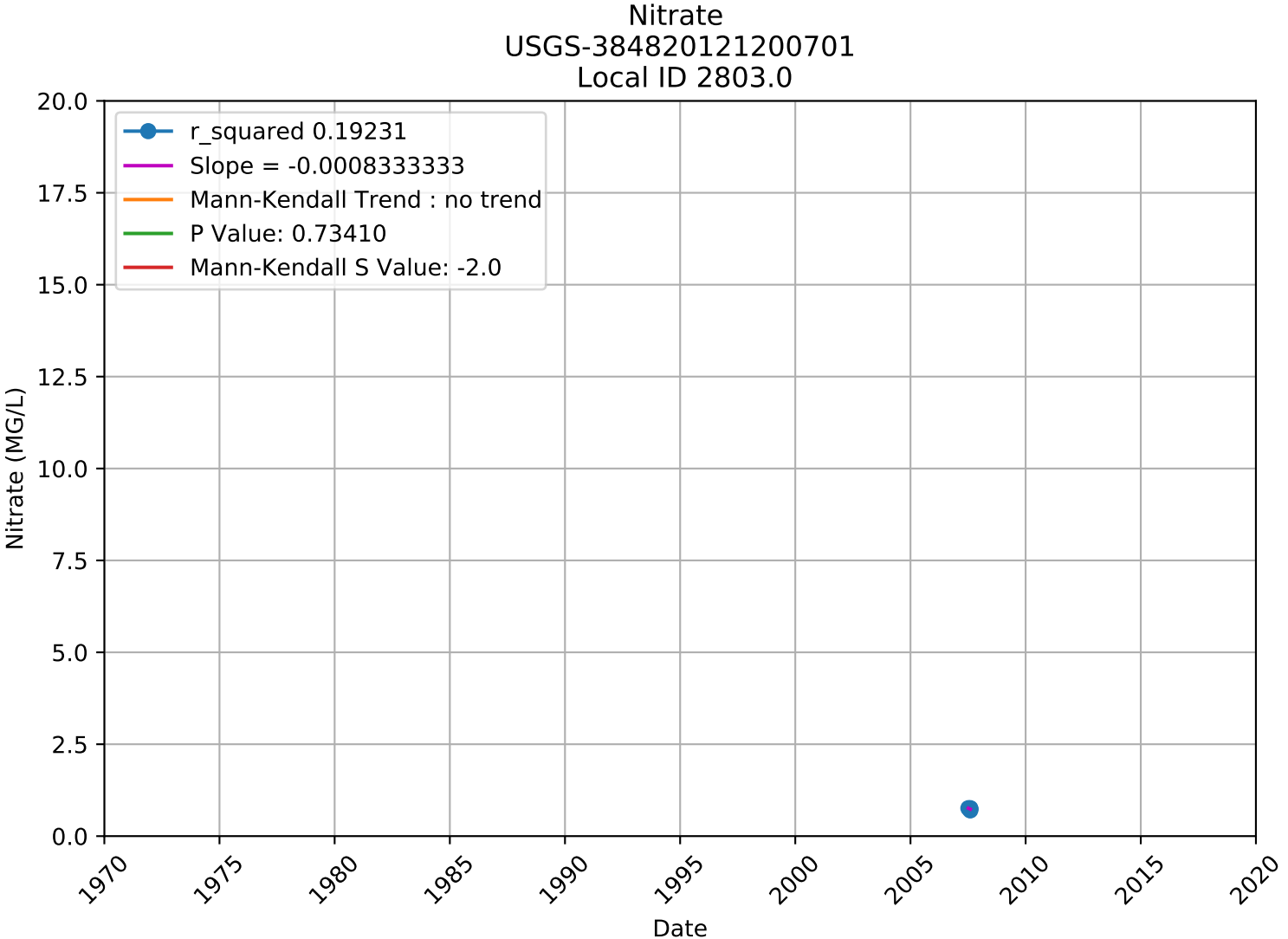

Nitrate
T0606700736-U-8
Local ID 1510.0
r_squared 0.07057
Slope = 0.0001380559
Mann-Kendall Trend : no trend
P Value: 0.44319
Mann-Kendall S Value: 8.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
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5.0
2.5
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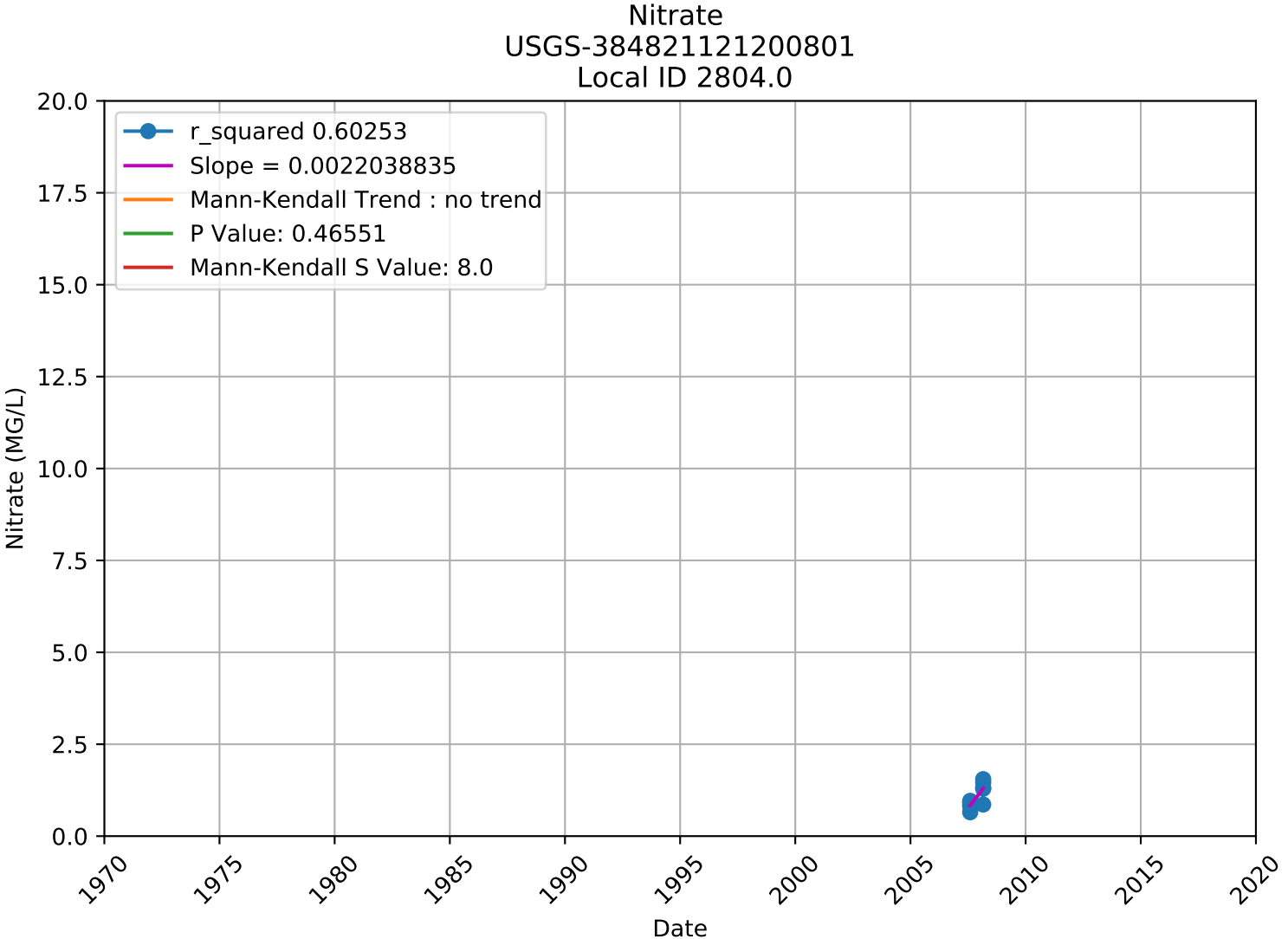

Nitrate
T0606700736-U-9
Local ID 1457.0
r_squared 0.00000
Slope = 0.0000000000
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
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5.0
2.5
0.0
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2015
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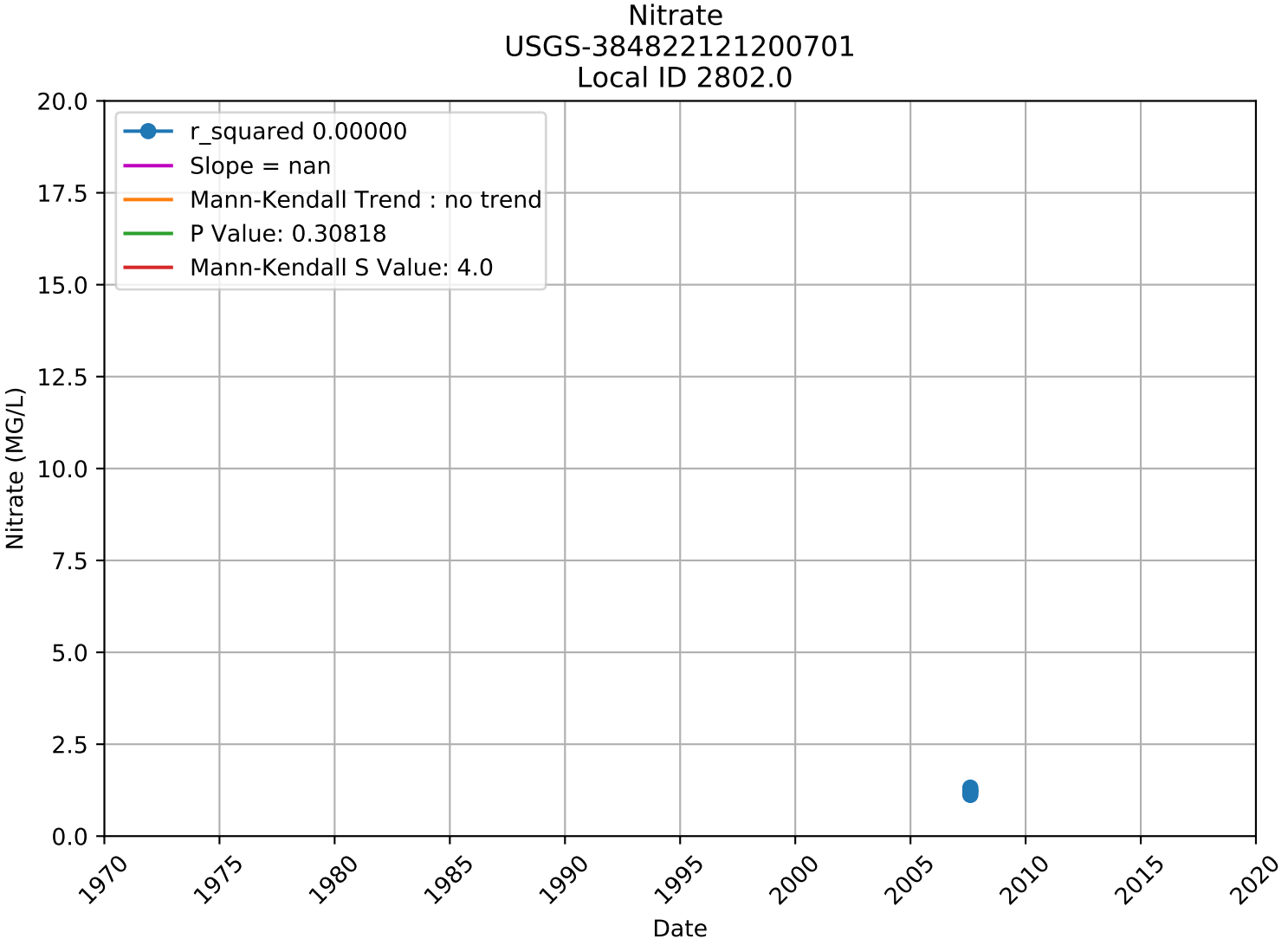

Nitrate
USGS-383746121291101
Local ID 1859.0
r_squared 0.23338
Slope = -0.0002196347
Mann-Kendall Trend : no trend
P Value: 0.21050
Mann-Kendall S Value: -15.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
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2020

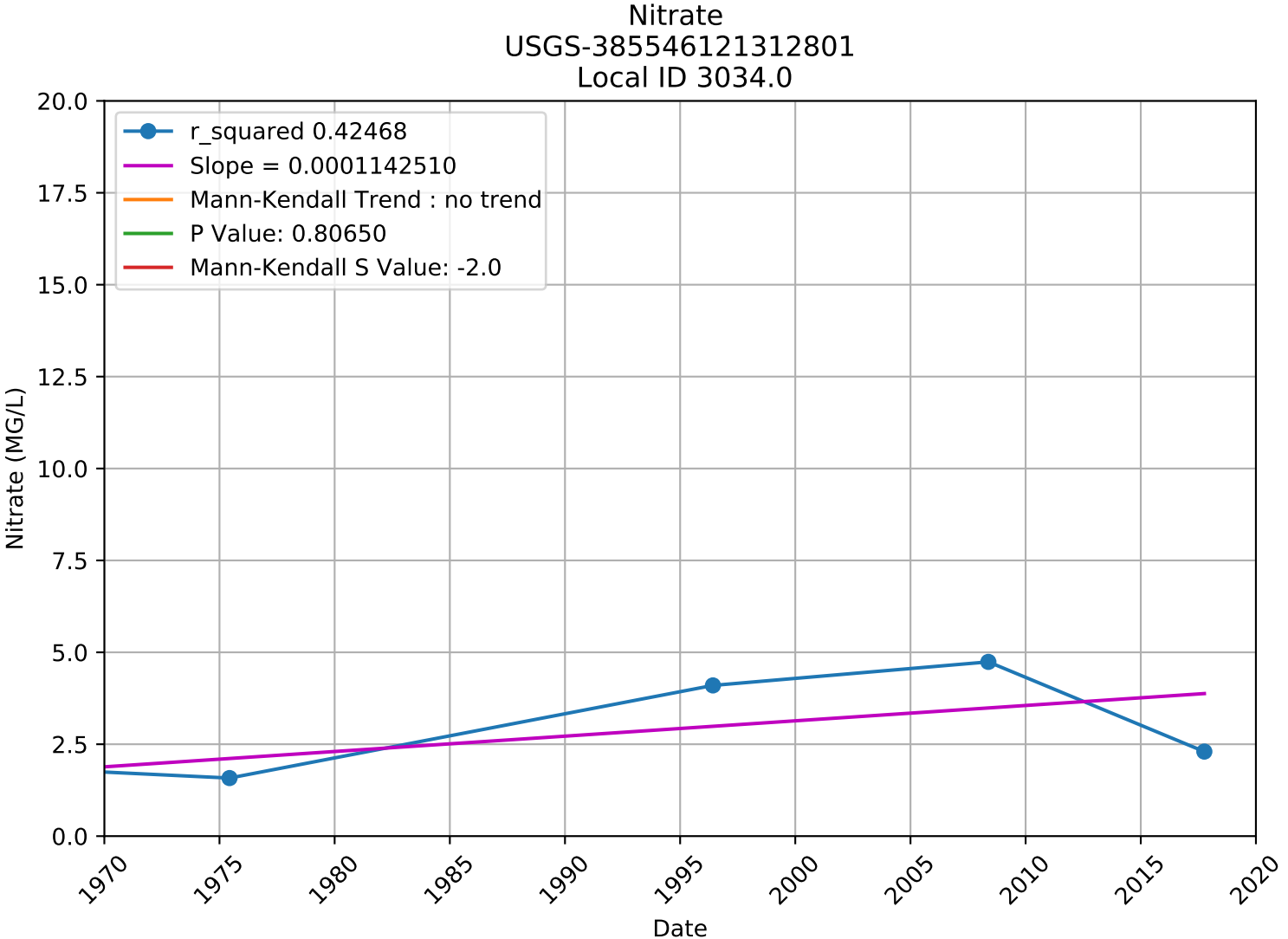

Nitrate
USGS-384145121184101
Local ID 1860.0
r_squared 0.00842
Slope = -0.0000219202
Mann-Kendall Trend : no trend
P Value: 0.75445
Mann-Kendall S Value: 4.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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5.0
2.5
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2020

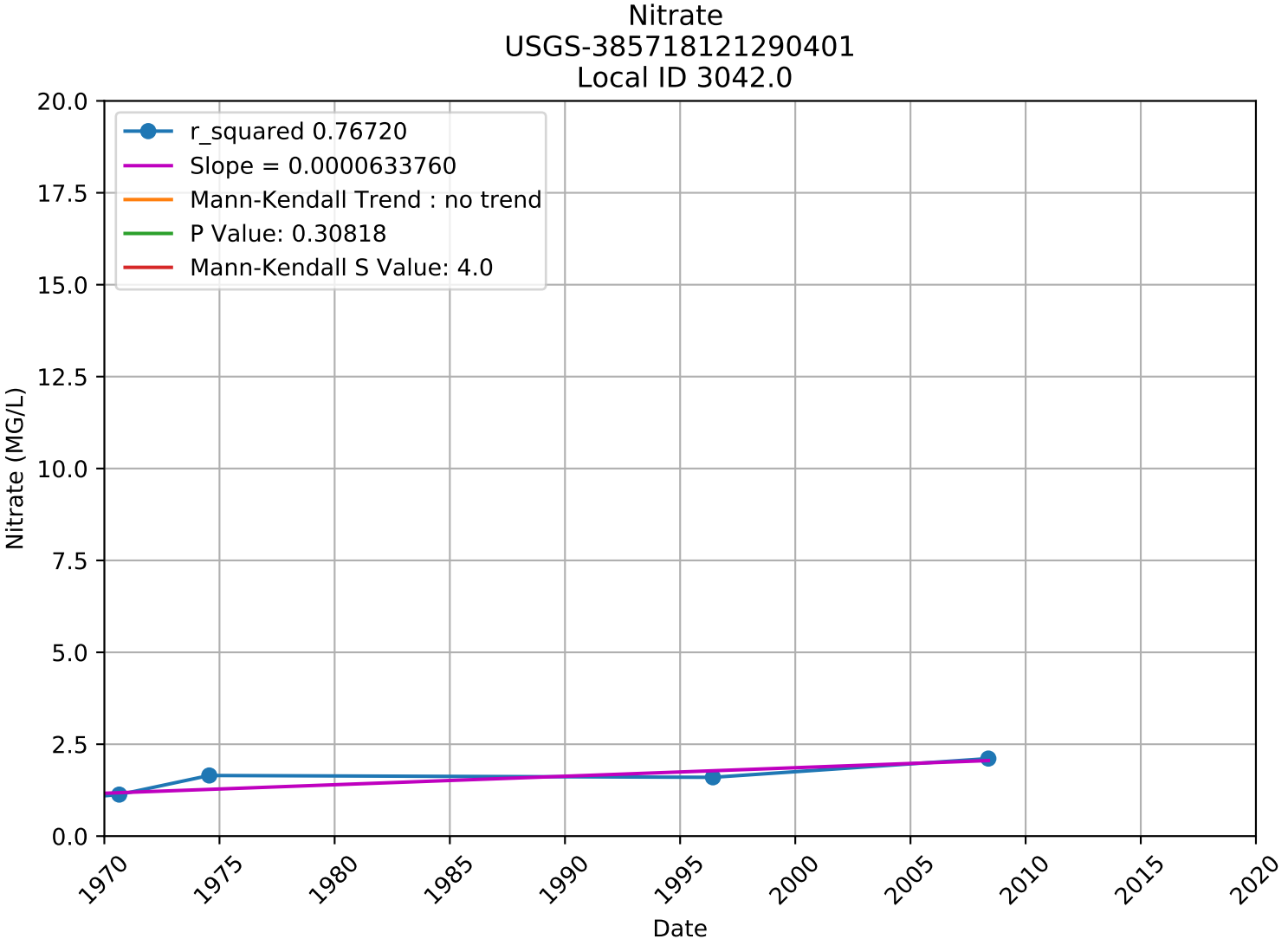

Nitrate
USGS-384330121293901
Local ID 1868.0
r_squared 0.00140
Slope = -0.0000244897
Mann-Kendall Trend : no trend
P Value: 0.59151
Mann-Kendall S Value: -7.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020


Nitrate
USGS-384820121200701
Local ID 2803.0
r_squared 0.19231
Slope = -0.0008333333
Mann-Kendall Trend : no trend
P Value: 0.73410
Mann-Kendall S Value: -2.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020


Nitrate
USGS-384821121200801
Local ID 2804.0
r_squared 0.60253
Slope = 0.0022038835
Mann-Kendall Trend : no trend
P Value: 0.46551
Mann-Kendall S Value: 8.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020


Nitrate
USGS-384822121200701
Local ID 2802.0
r_squared 0.00000
Slope = nan
Mann-Kendall Trend : no trend
P Value: 0.30818
Mann-Kendall S Value: 4.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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7.5
5.0
2.5
0.0
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2010
2015
2020

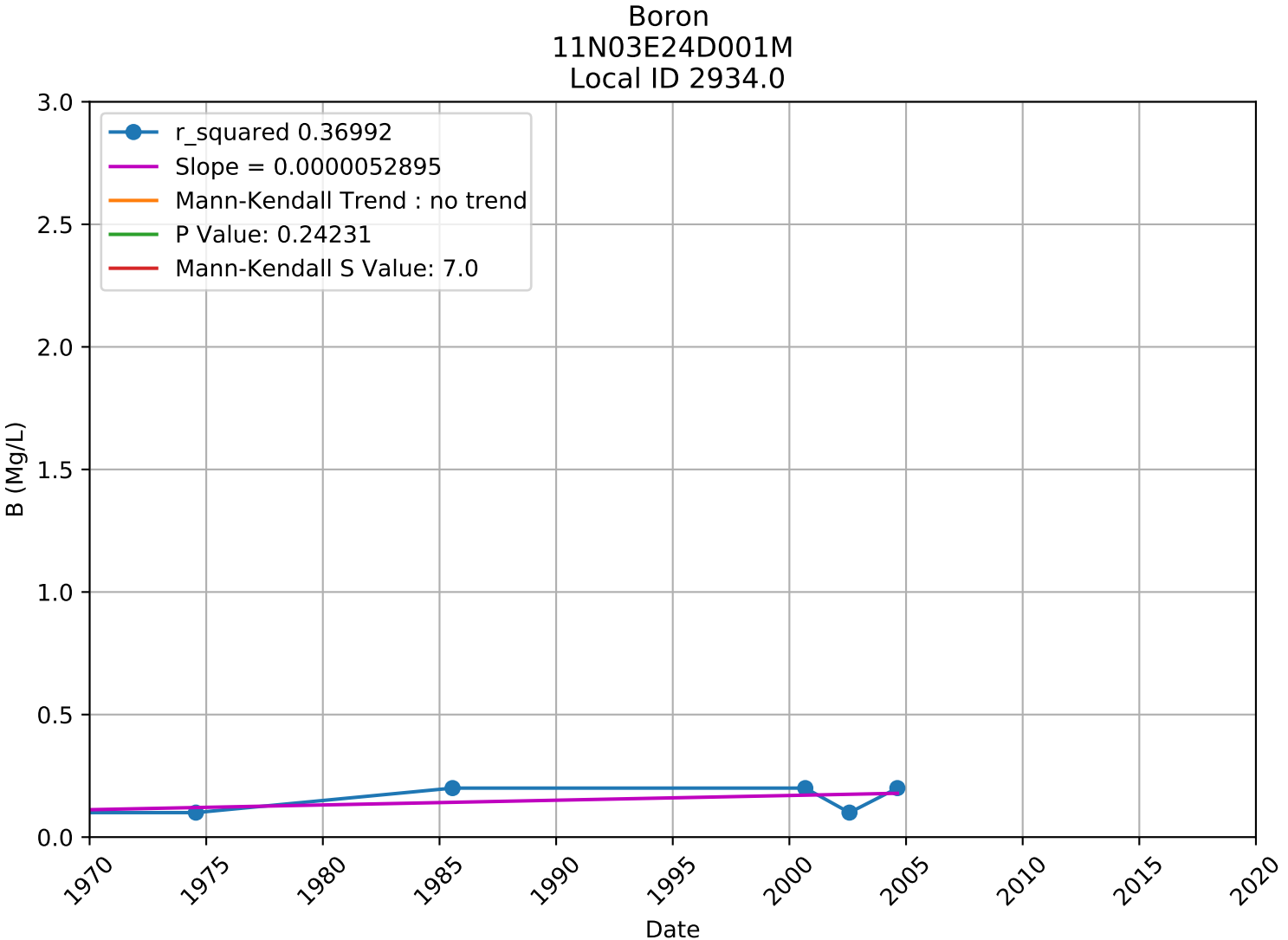

Nitrate
USGS-385546121312801
Local ID 3034.0
r_squared 0.42468
Slope = 0.0001142510
Mann-Kendall Trend : no trend
P Value: 0.80650
Mann-Kendall S Value: -2.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
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2.5
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2020

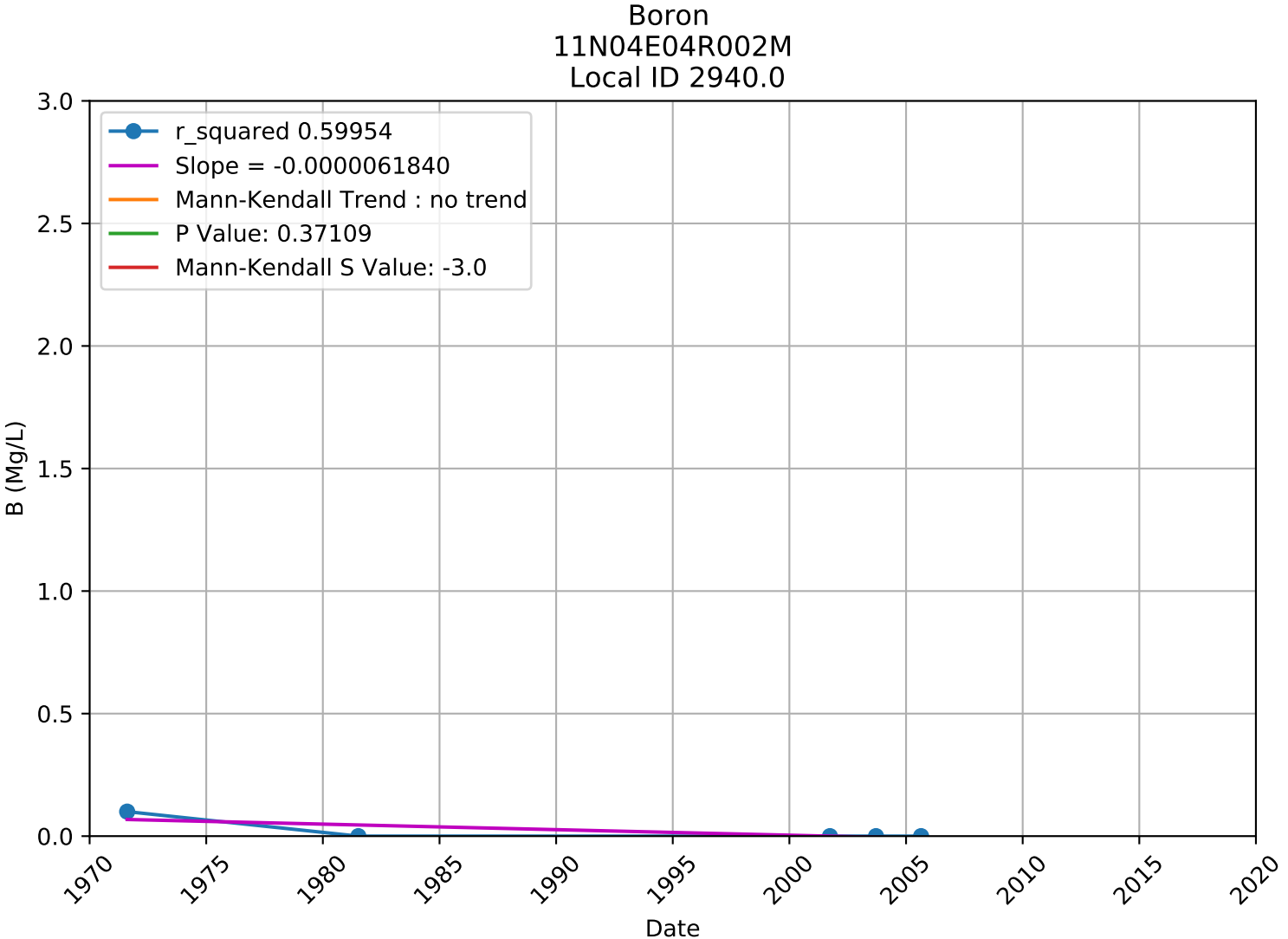

Nitrate
USGS-385718121290401
Local ID 3042.0
r_squared 0.76720
Slope = 0.0000633760
Mann-Kendall Trend : no trend
P Value: 0.30818
Mann-Kendall S Value: 4.0
Nitrate (MG/L)
Date
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
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1970
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2020

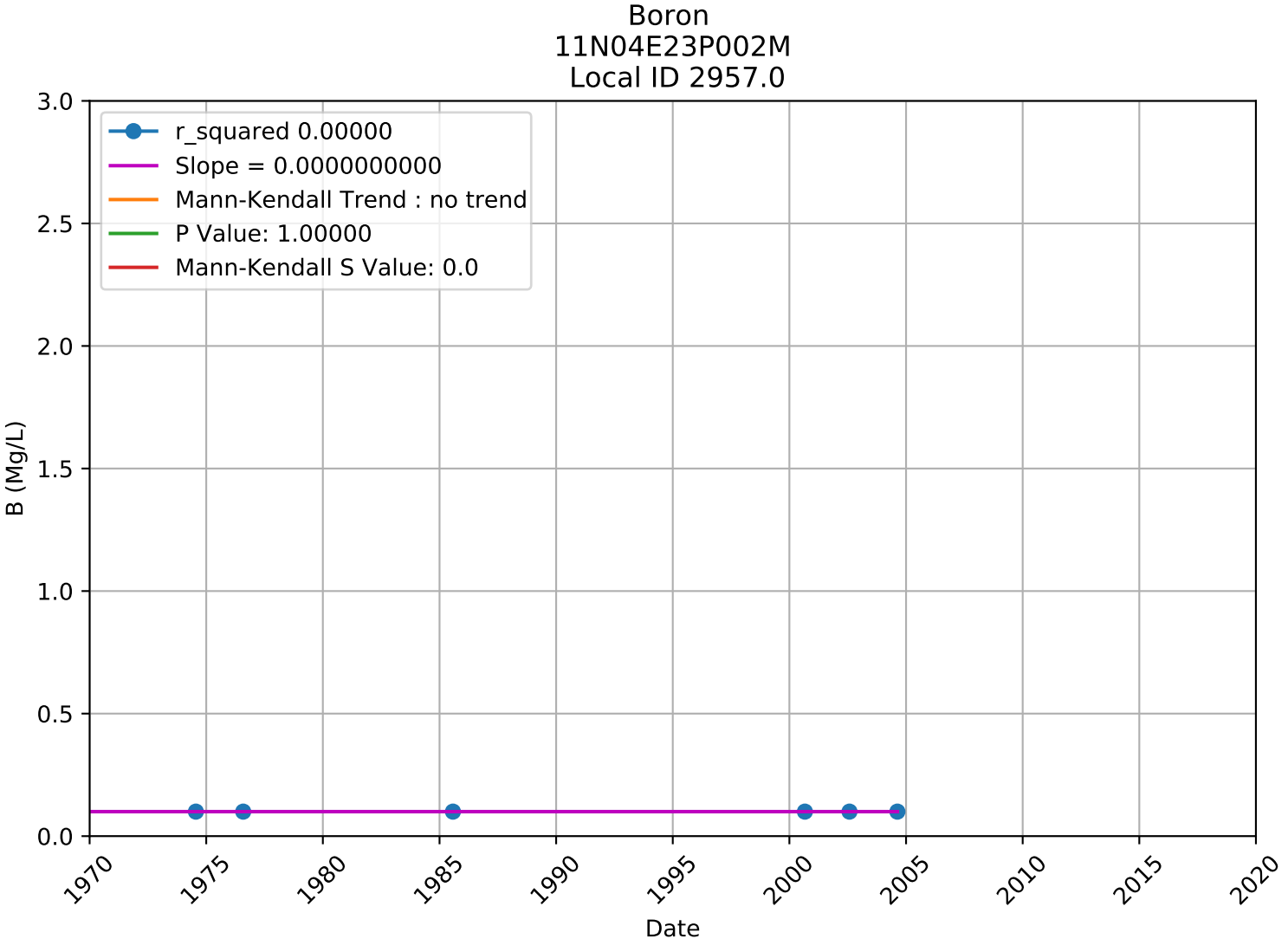
Boron

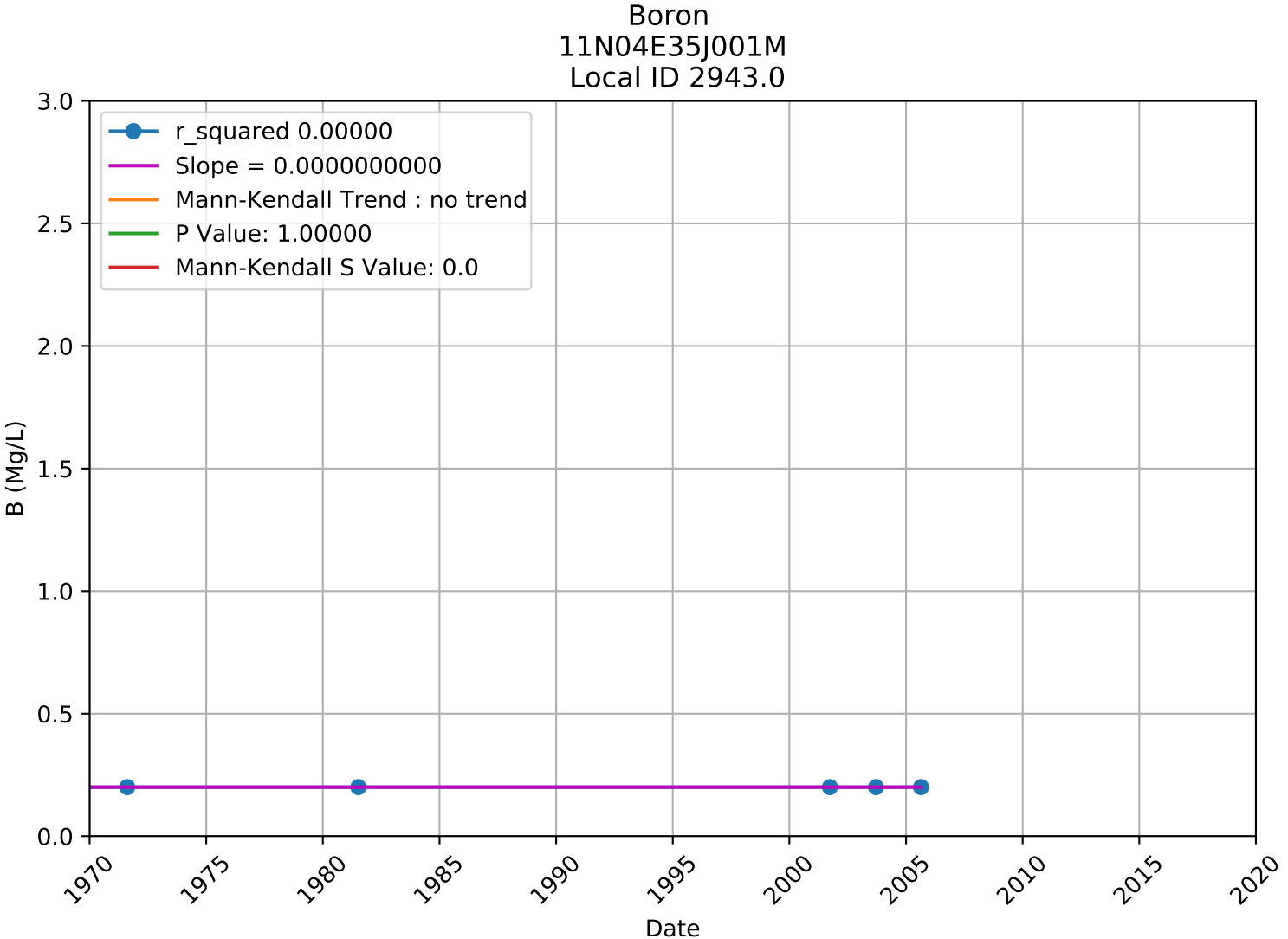
Local_ID	Well_Info_ID	chemical	h	p	s	tau	trend	var_s	z	datemin	datemax	Latitude_NAD83	Longitude_NAD83
2934	11N03E24D001M	B	FALSE	0.242	7	0.467	no trend	26.3	1.17	7/21/1964	8/18/2004	38.7906	-121.5973
2940	11N04E04R002M	B	FALSE	0.371	-3	-0.5	no trend	5	-0.89	8/12/1971	8/24/2005	38.8255	-121.5259
2957	11N04E23P002M	B	FALSE	1	0	0	no trend	0	0	4/15/1965	8/18/2004	38.7837	-121.4982
2943	11N04E35J001M	B	FALSE	1	0	0	no trend	0	0	6/19/1968	8/24/2005	38.7556	-121.4898
2083	11N06E17D001M	B	TRUE	0	642	0.417	increasing	19908	4.54	5/5/2004	3/26/2008	38.8064	-121.3353
2081	11N06E17D002M	B	FALSE	0.884	-15	-0.01	no trend	9182.3	-0.15	5/6/2004	3/26/2008	38.8027	-121.3384
2080	11N06E17D003M	B	TRUE	0.031	228	0.22	increasing	11019.3	2.16	5/5/2004	3/26/2008	38.8059	-121.3358
2082	11N06E17E001M	B	TRUE	0	622	0.404	increasing	19728	4.42	5/5/2004	3/26/2008	38.8058	-121.3354
2953	12N03E26R001M	B	FALSE	0.149	5	0.833	no trend	7.7	1.44	6/13/1963	8/18/2004	38.8533	-121.5991
2967	12N04E05R005M	B	FALSE	0.26	-7	-0.467	no trend	28.3	-1.13	8/25/1970	8/18/2004	38.9114	-121.5447
2956	12N04E25N001M	B	FALSE	0.181	-8	-0.533	no trend	27.3	-1.34	6/12/1969	8/25/2005	38.8546	-121.4859
2059	3100538-001	B	FALSE	0.734	-2	-0.333	no trend	8.7	-0.34	3/18/2004	3/23/2018	38.7505	-121.321972
2060	3104508-001	B	FALSE	1	-1	-0.167	no trend	7.7	0	2/19/2004	4/20/2017	38.729952	-121.321616
172	3410004-006	B	FALSE	1	1	0.1	no trend	13	0	1/29/2002	11/4/2003	38.622744	-121.335704
150	3410004-009	B	FALSE	1	1	0.1	no trend	13	0	1/29/2002	10/23/2003	38.619652	-121.333354
261	3410004-016	B	FALSE	1	0	0	no trend	8.7	0	1/29/2002	4/30/2003	38.645576	-121.306819
248	3410004-020	B	FALSE	1	0	0	no trend	16.7	0	4/25/2002	10/21/2003	38.641845	-121.315446
93	3410013-001	B	FALSE	0.386	-8	-0.286	no trend	65.3	-0.87	3/18/2003	8/13/2018	38.694922	-121.332628
159	3410013-002	B	FALSE	0.536	-6	-0.214	no trend	65.3	-0.62	3/18/2003	8/13/2018	38.69054	-121.34151
51	3410013-003	B	FALSE	0.898	2	0.071	no trend	60.7	0.13	6/18/2002	8/16/2018	38.683982	-121.31348
240	3410013-004	B	FALSE	0.063	16	0.571	no trend	65.3	1.86	6/20/2001	8/7/2018	38.699328	-121.295627
178	3410013-005	B	FALSE	0.898	2	0.071	no trend	60.7	0.13	6/19/2002	8/7/2018	38.669042	-121.293798
63	3410013-006	B	FALSE	0.706	4	0.143	no trend	63.3	0.38	6/20/2001	8/8/2018	38.685052	-121.305855
156	3410013-007	B	FALSE	1	-1	-0.067	no trend	28.3	0	7/22/2003	8/19/2015	38.691478	-121.336784
270	3410013-008	B	FALSE	0.826	3	0.083	no trend	82.3	0.22	9/17/2002	8/16/2018	38.673506	-121.340002
224	3410013-009	B	FALSE	0.352	8	0.286	no trend	56.7	0.93	3/18/2003	8/7/2018	38.695662	-121.29509
92	3410013-010	B	FALSE	0.898	2	0.071	no trend	60.7	0.13	6/19/2002	8/15/2018	38.670117	-121.341406
237	3410013-012	B	FALSE	0.618	5	0.179	no trend	64.3	0.5	6/20/2001	8/13/2018	38.66565	-121.302524
223	3410013-013	B	FALSE	0.898	2	0.071	no trend	60.7	0.13	6/18/2002	8/13/2018	38.678824	-121.304628
144	3410013-014	B	FALSE	0.898	2	0.071	no trend	60.7	0.13	6/19/2002	8/8/2018	38.668822	-121.304482
112	3410013-015	B	FALSE	0.352	8	0.286	no trend	56.7	0.93	3/19/2003	8/6/2018	38.70124	-121.345319
233	3410013-016	B	TRUE	0.035	-18	-0.643	decreasing	65.3	-2.1	6/18/2002	8/13/2018	38.709473	-121.292244
265	3410013-017	B	FALSE	0.734	-2	-0.333	no trend	8.7	-0.34	6/18/2002	8/24/2006	38.712243	-121.303547
247	3410013-019	B	FALSE	0.536	-6	-0.214	no trend	65.3	-0.62	6/20/2001	8/6/2018	38.700287	-121.330955
226	3410013-020	B	FALSE	0.221	-6	-0.6	no trend	16.7	-1.22	6/20/2001	8/24/2006	38.716217	-121.294262
88	3410013-021	B	FALSE	0.8	3	0.107	no trend	62.3	0.25	6/20/2001	8/8/2018	38.683333	-121.35
232	3410013-022	B	FALSE	0.339	6	0.4	no trend	27.3	0.96	6/18/2002	9/11/2012	38.7124	-121.306829
189	3410013-023	B	FALSE	1	0	0	no trend	65.3	0	6/20/2001	8/7/2018	38.695536	-121.313454
66	3410013-024	B	FALSE	0.8	3	0.107	no trend	62.3	0.25	6/20/2001	8/7/2018	38.680539	-121.31067
220	3410013-025	B	FALSE	1	1	0.048	no trend	44.3	0	6/18/2002	8/13/2018	38.718426	-121.313299
188	3410013-026	B	FALSE	0.711	-4	-0.143	no trend	65.3	-0.37	6/20/2001	8/6/2018	38.701667	-121.344722
119	3410013-027	B	FALSE	0.707	3	0.2	no trend	28.3	0.38	6/18/2002	9/18/2012	38.709413	-121.317252
165	3410013-028	B	FALSE	0.711	4	0.143	no trend	65.3	0.37	6/20/2001	8/13/2018	38.698857	-121.32618
206	3410031-001	B	FALSE	0.181	8	0.533	no trend	27.3	1.34	6/25/2001	8/11/2015	38.720833	-121.358333
190	3410031-002	B	FALSE	0.266	10	0.357	no trend	65.3	1.11	6/19/2002	8/8/2018	38.717222	-121.3575
94	3410031-003	B	FALSE	0.879	2	0.095	no trend	43.3	0.15	6/25/2001	8/14/2018	38.7	-121.383333
221	3410031-004	B	FALSE	0.266	-10	-0.357	no trend	65.3	-1.11	6/19/2002	8/14/2018	38.718056	-121.382222
61	3410031-005	B	FALSE	0.759	3	0.143	no trend	42.3	0.31	6/25/2001	8/5/2015	38.716667	-121.4
160	3410031-006	B	FALSE	0.618	5	0.179	no trend	64.3	0.5	6/25/2001	8/14/2018	38.708333	-121.383611
2073	3410031-007	B	FALSE	0.548	5	0.238	no trend	44.3	0.6	6/25/2001	8/9/2018	38.733333	-121.35
2056	3410031-008	B	FALSE	0.518	7	0.194	no trend	86.3	0.65	6/25/2001	8/9/2018	38.733333	-121.35
208	3410031-009	B	FALSE	0.063	-16	-0.571	no trend	65.3	-1.86	6/19/2002	8/7/2018	38.715278	-121.378056
72	3410031-010	B	FALSE	0.174	12	0.429	no trend	65.3	1.36	6/19/2002	8/7/2018	38.705	-121.365556
289	3410031-011	B	FALSE	1	0	0	no trend	65.3	0	6/19/2002	8/7/2018	38.726944	-121.3825
135	3410031-012	B	FALSE	0.806	-2	-0.2	no trend	16.7	-0.24	6/25/2001	8/7/2018	38.721111	-121.368611
45	3410031-013	B	FALSE	0.898	2	0.071	no trend	60.7	0.13	6/19/2002	8/14/2018	38.711667	-121.413889
54	3410031-014	B	FALSE	0.548	5	0.238	no trend	44.3	0.6	6/25/2001	8/14/2018	38.716111	-121.408889
241	3410031-016	B	FALSE	0.902	2	0.071	no trend	65.3	0.12	6/19/2002	8/8/2018	38.724444	-121.336111
80	3410031-017	B	FALSE	0.902	-2	-0.071	no trend	65.3	-0.12	6/19/2002	8/8/2018	38.723056	-121.349722
257	3410031-018	B	FALSE	0.23	9	0.429	no trend	44.3	1.2	6/25/2001	8/7/2018	38.716389	-121.371944
288	3410045-001	B	FALSE	0.8	3	0.107	no trend	62.3	0.25	6/26/2001	8/7/2018	38.586137	-121.411513
138	3410045-002	B	FALSE	0.898	2	0.071	no trend	60.7	0.13	2/27/2002	8/7/2018	38.583085	-121.413054
116	3410045-003	B	FALSE	0.8	3	0.107	no trend	62.3	0.25	6/26/2001	8/7/2018	38.594423	-121.417465
243	3410045-004	B	FALSE	0.697	-3	-0.2	no trend	26.3	-0.39	6/26/2001	7/12/2012	38.592566	-121.407256
96	3410045-005	B	FALSE	0.898	2	0.071	no trend	60.7	0.13	2/27/2002	8/7/2018	38.600025	-121.410183
1859	USGS-383746121291101	B	FALSE	0.902	-2	-0.071	no trend	65.3	-0.12	8/4/1998	8/8/2017	38.6292139	-121.4877028
1855	USGS-383900121270001	B	FALSE	0.734	2	0.333	no trend	8.7	0.34	6/14/2005	6/15/2005	38.6585	-121.4664722
1860	USGS-384145121184101	B	FALSE	0.368	7	0.333	no trend	44.3	0.9	8/17/1998	9/4/2012	38.6964	-121.3120389
1868	USGS-384330121293901	B	FALSE	0.23	9	0.429	no trend	44.3	1.2	8/11/1997	7/10/2017	38.7251167	-121.4954417
2806	USGS-384413121163801	B	FALSE	1	0	0	no trend	8.7	0	9/24/1982	3/10/2014	38.7369444	-121.2772222

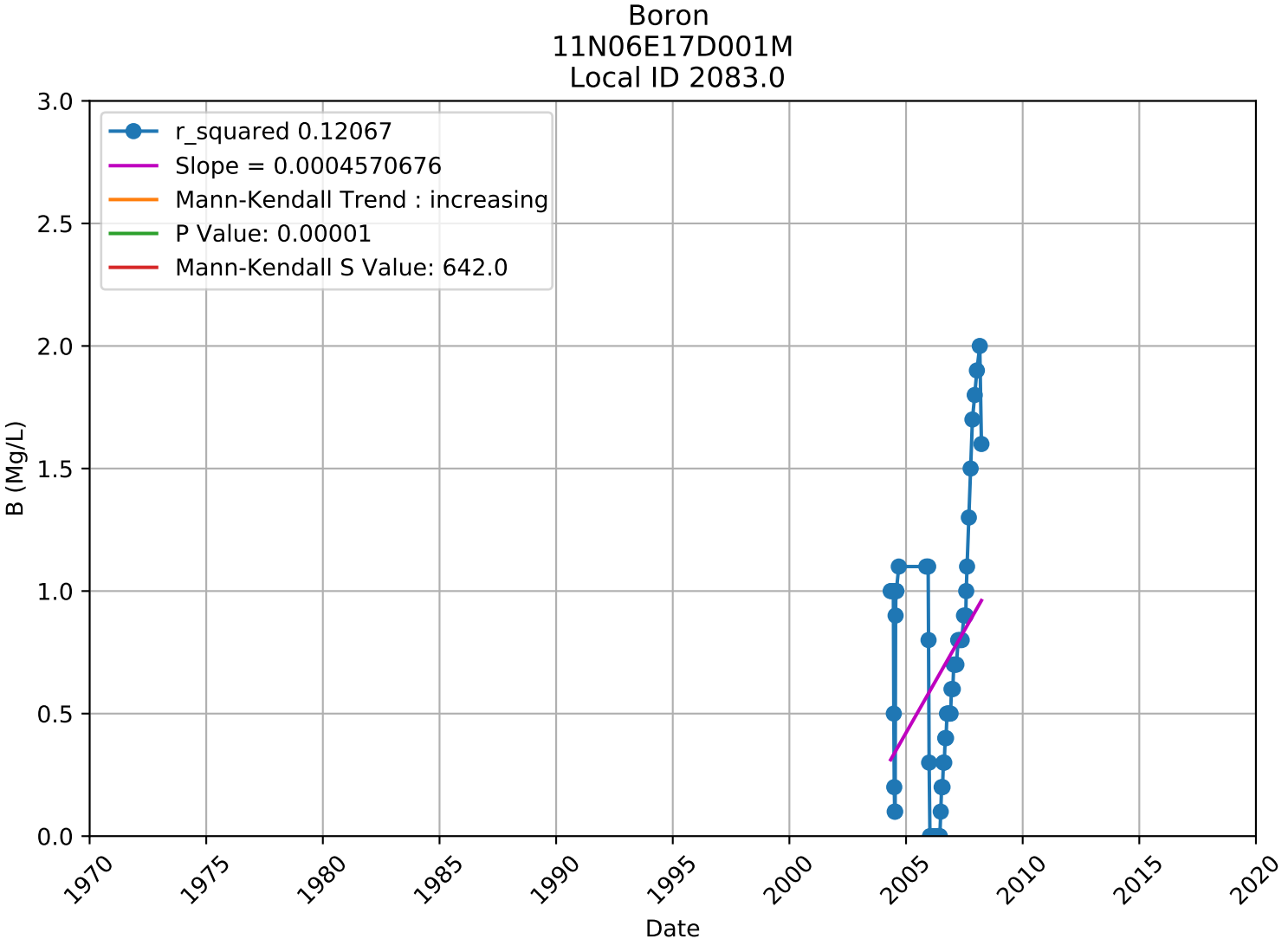
3034	USGS-385546121312801	B	FALSE	0.613	3	0.3	no trend	15.7	0.51	6/3/1965	10/5/2017	38.92925	-121.5254444
3034	USGS-385546121312801	B	FALSE	0.613	3	0.3	no trend	15.7	0.51	6/3/1965	10/5/2017	38.92925	-121.5254444

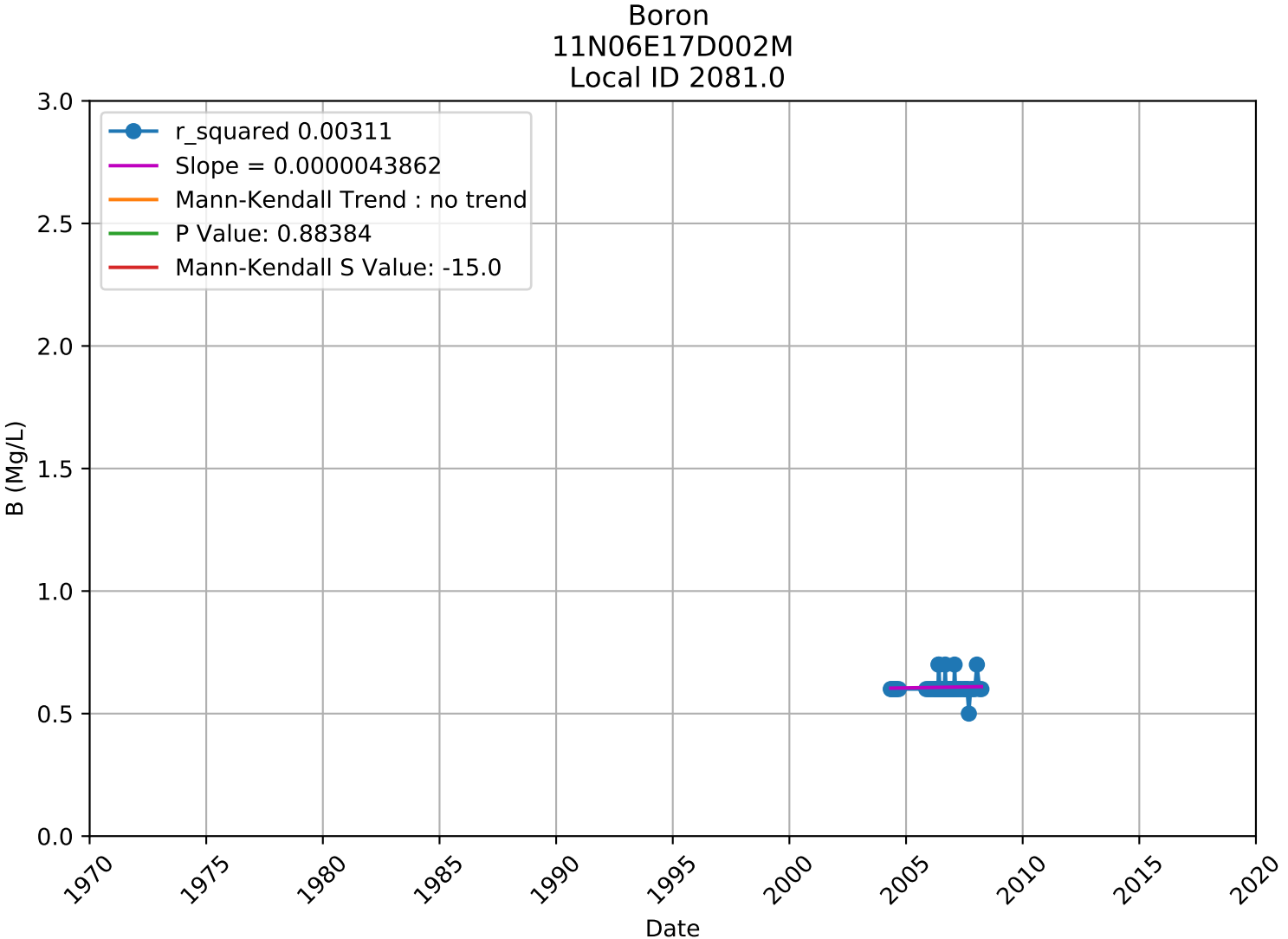

Boron
11N03E24D001M
Local ID 2934.0
r_squared 0.36992
Slope = 0.0000052895
Mann-Kendall Trend : no trend
P Value: 0.24231
Mann-Kendall S Value: 7.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

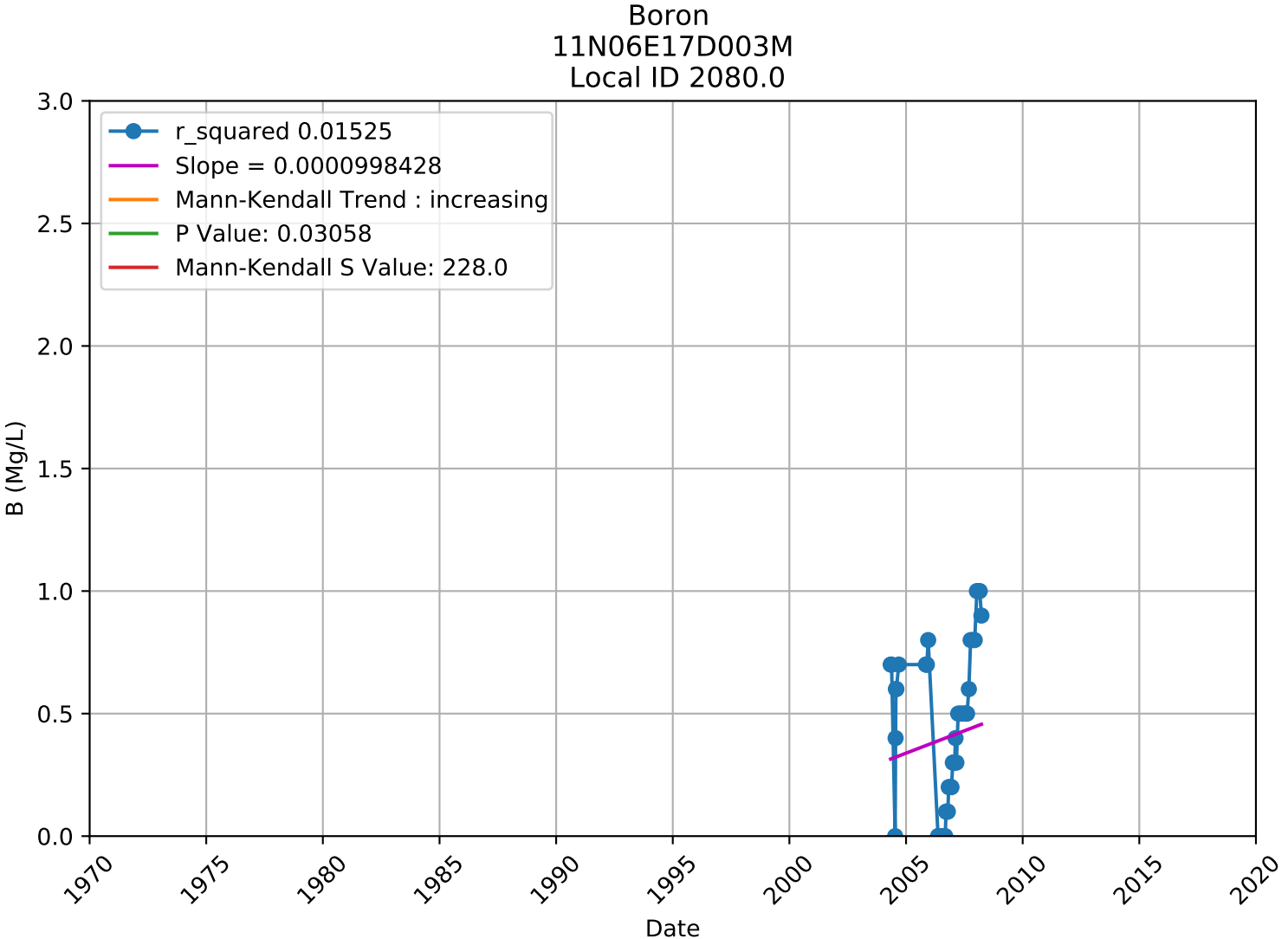

Boron
11N04E04R002M
Local ID 2940.0
r_squared 0.59954
Slope = -0.0000061840
Mann-Kendall Trend : no trend
P Value: 0.37109
Mann-Kendall S Value: -3.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

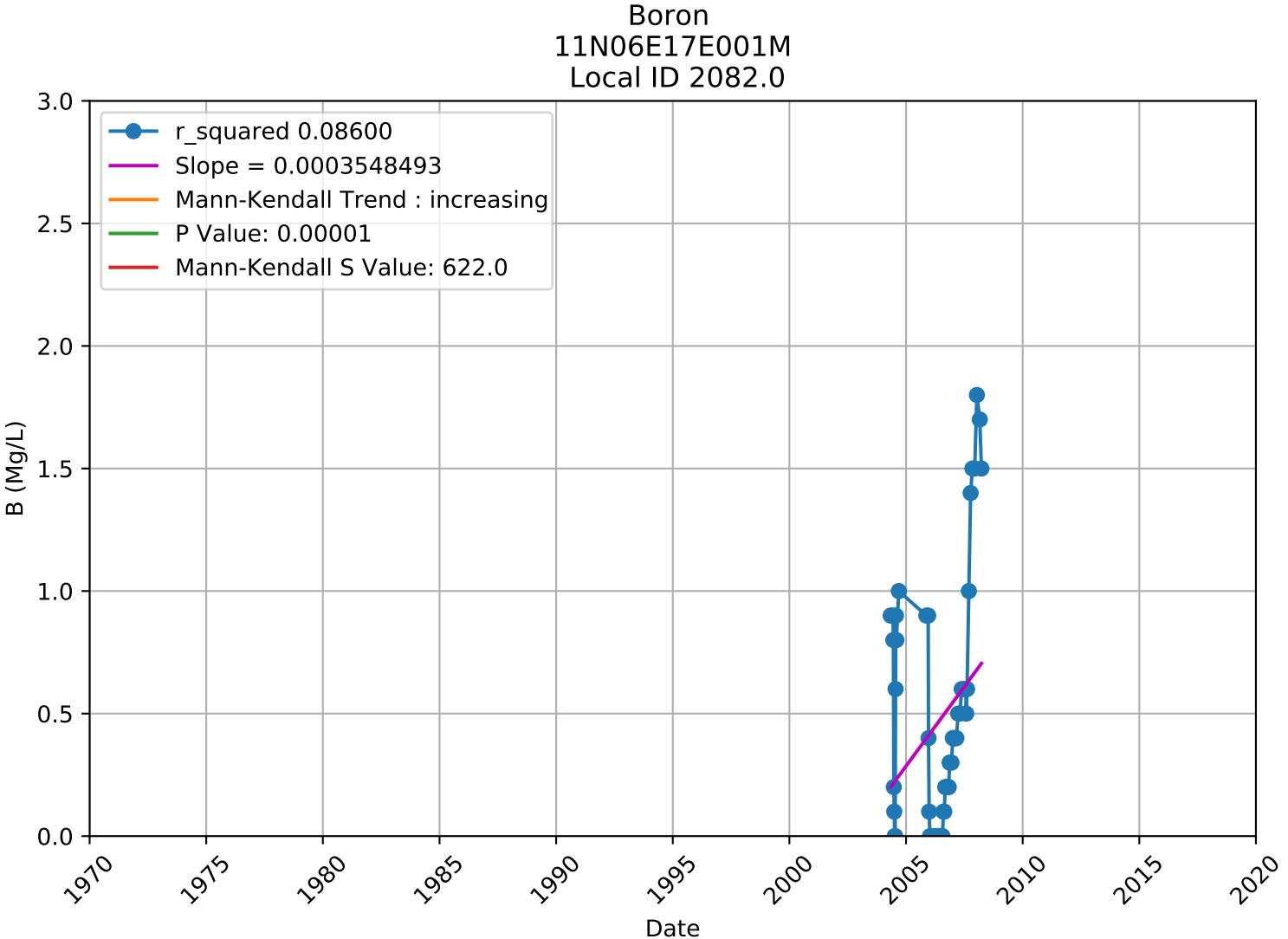

Boron
11N04E23P002M
Local ID 2957.0
r_squared 0.00000
Slope = 0.0000000000
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

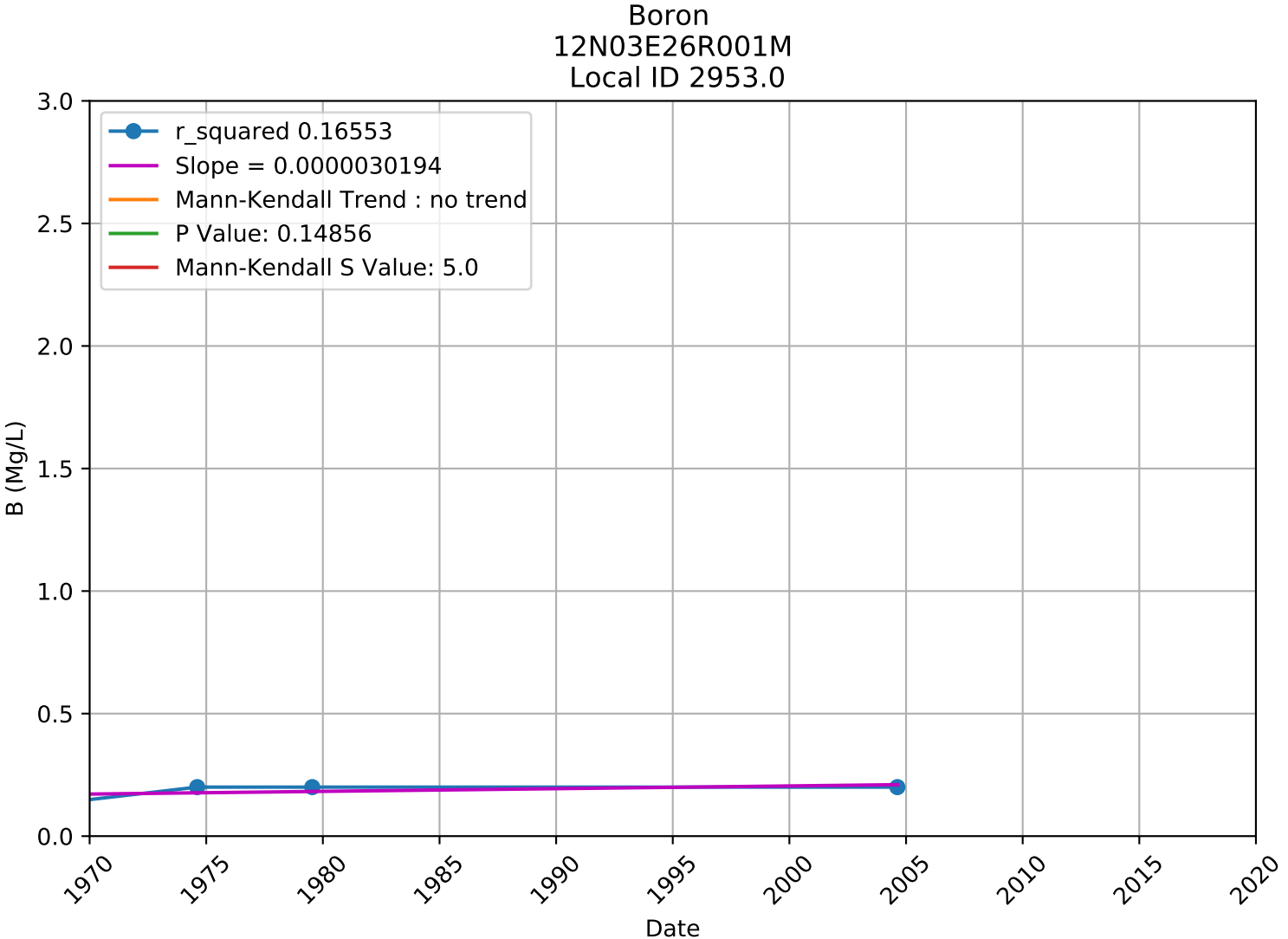

Boron
11N04E35J001M
Local ID 2943.0
r_squared 0.00000
Slope = 0.0000000000
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

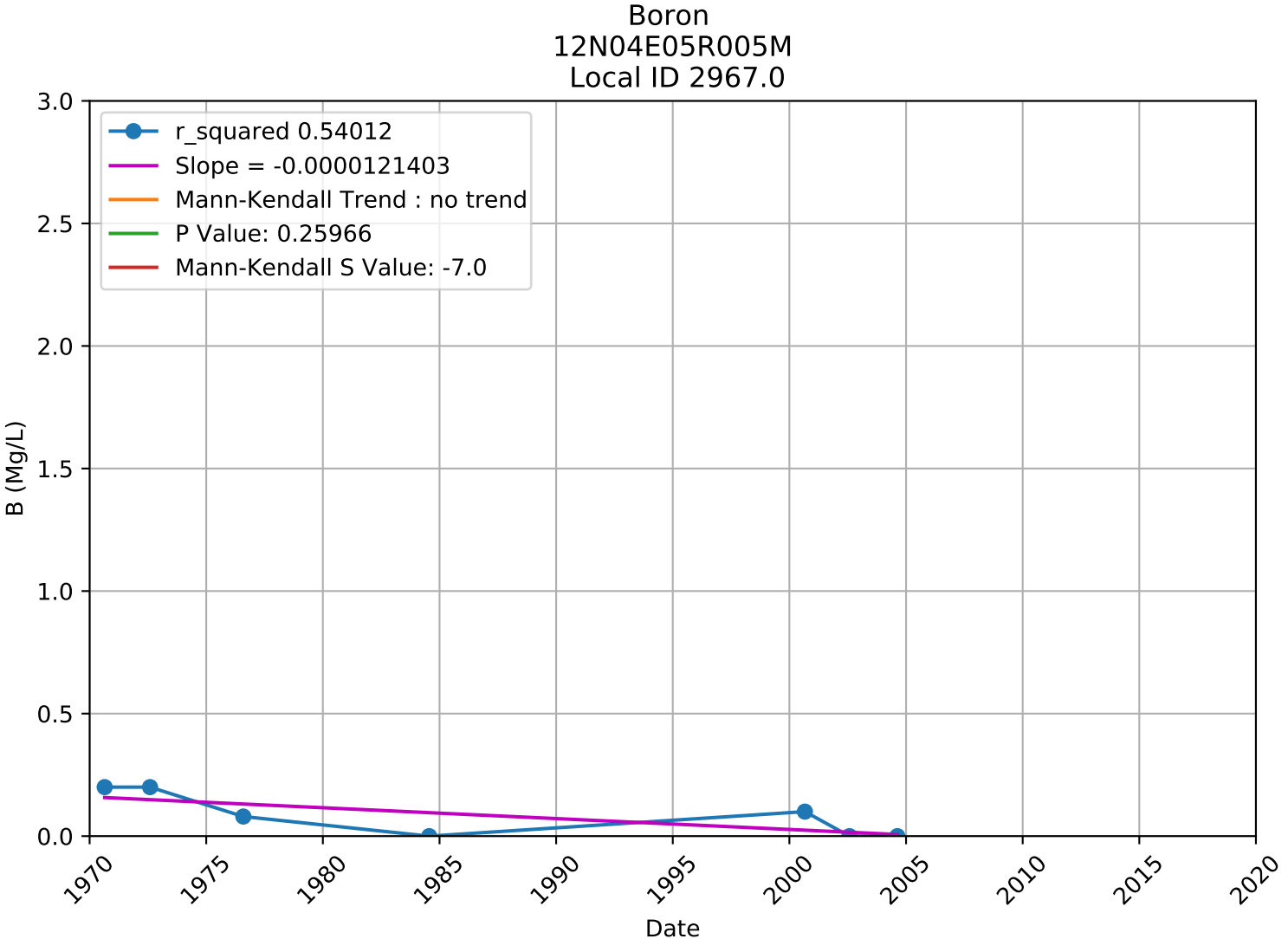

Boron
11N06E17D001M
Local ID 2083.0
r_squared 0.12067
Slope = 0.0004570676
Mann-Kendall Trend : increasing
P Value: 0.00001
Mann-Kendall S Value: 642.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

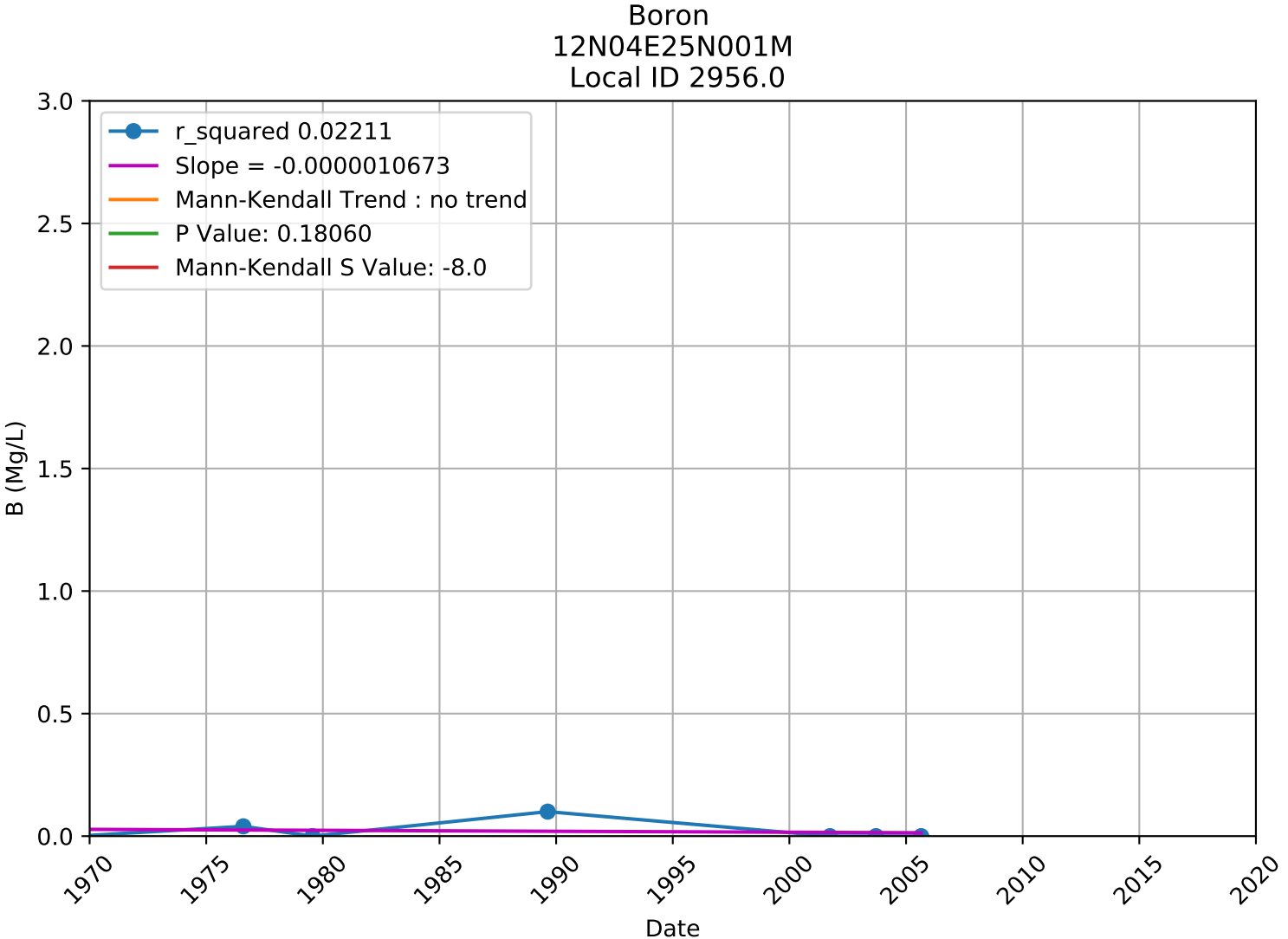

Boron
11N06E17D002M
Local ID 2081.0
r_squared 0.00311
Slope = 0.0000043862
Mann-Kendall Trend : no trend
P Value: 0.88384
Mann-Kendall S Value: -15.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

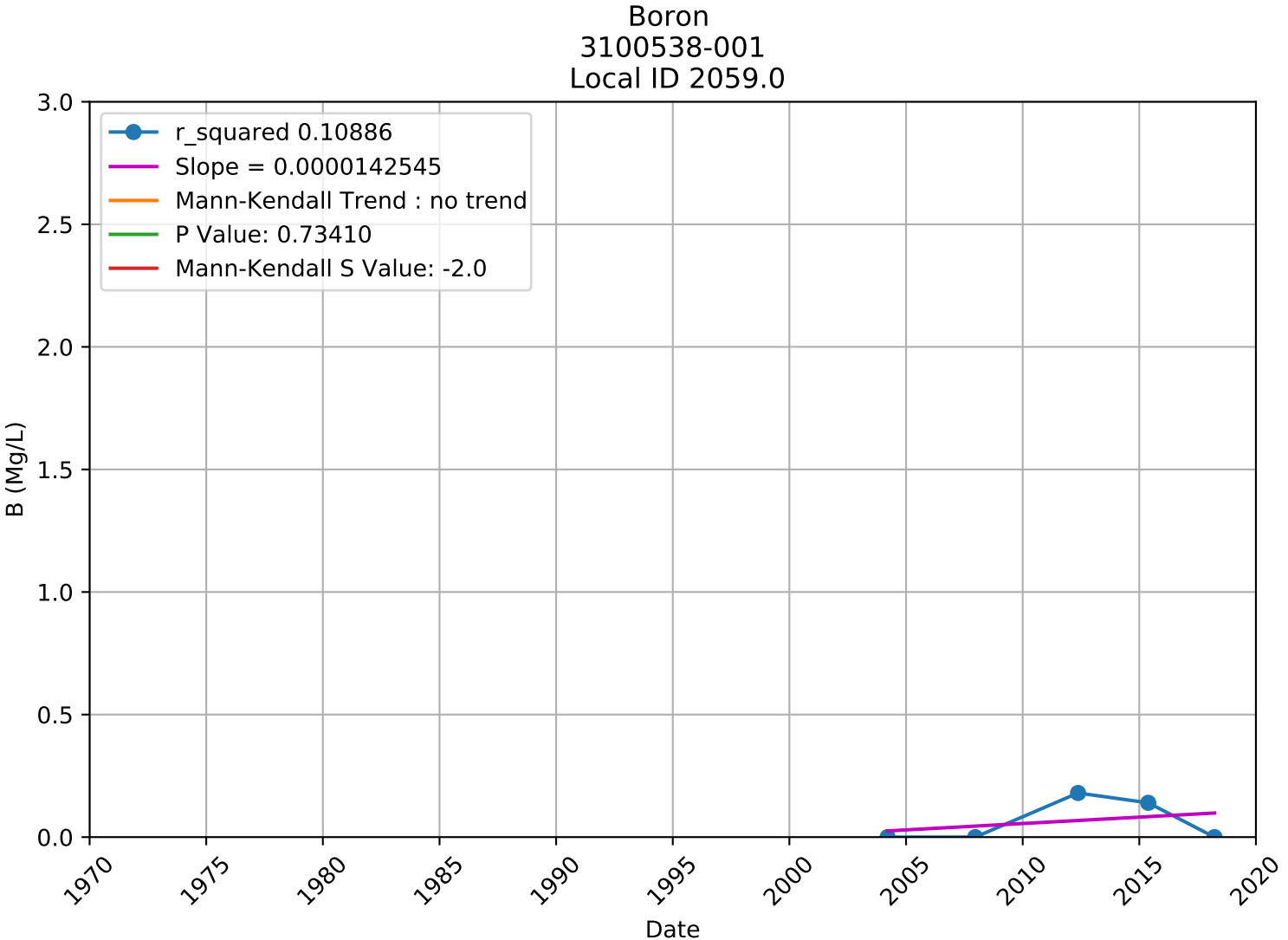

Boron
11N06E17D003M
Local ID 2080.0
r_squared 0.01525
Slope = 0.0000998428
Mann-Kendall Trend : increasing
P Value: 0.03058
Mann-Kendall S Value: 228.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

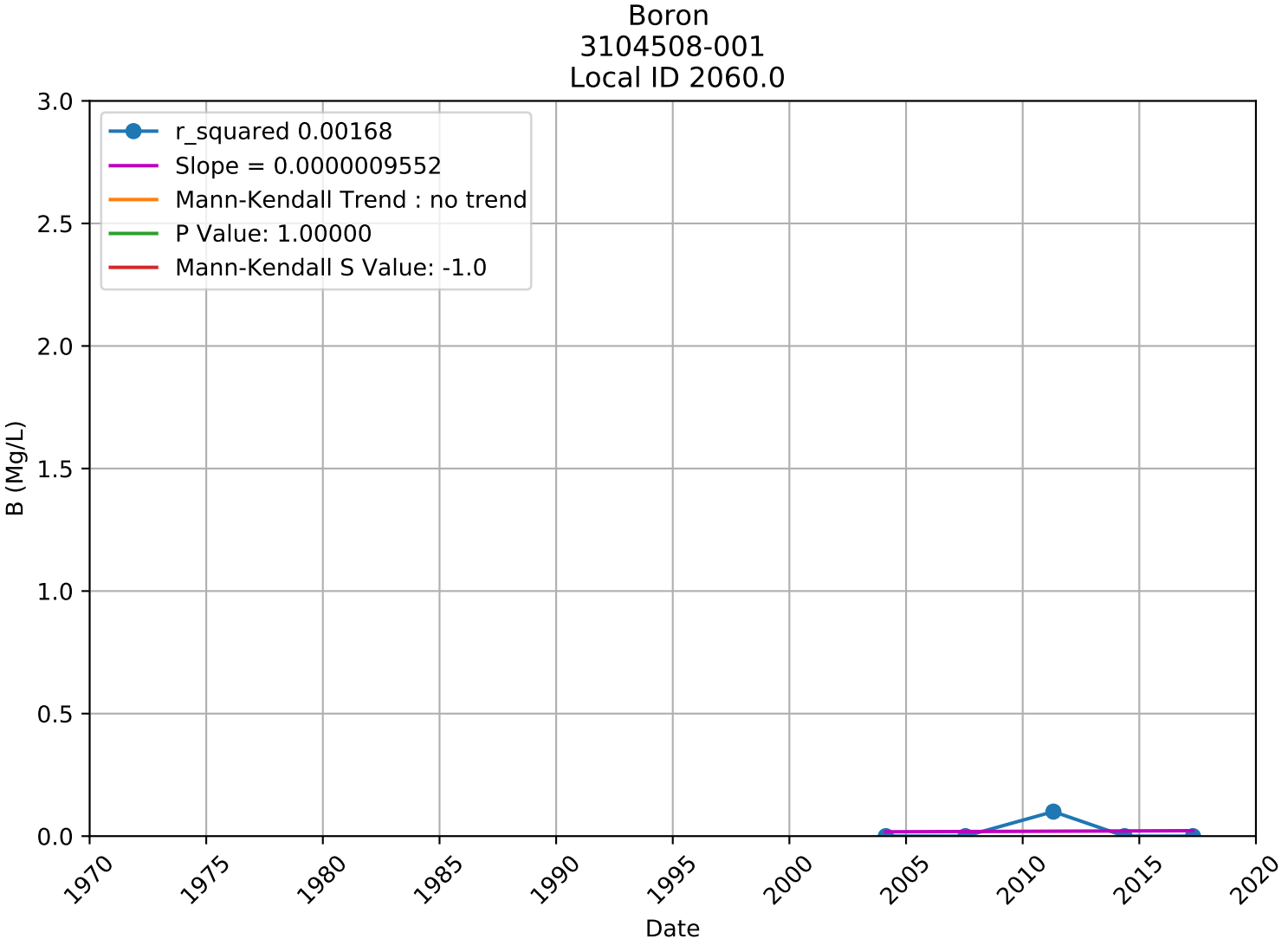

Boron
11N06E17E001M
Local ID 2082.0
r_squared 0.08600
Slope = 0.0003548493
Mann-Kendall Trend : increasing
P Value: 0.00001
Mann-Kendall S Value: 622.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

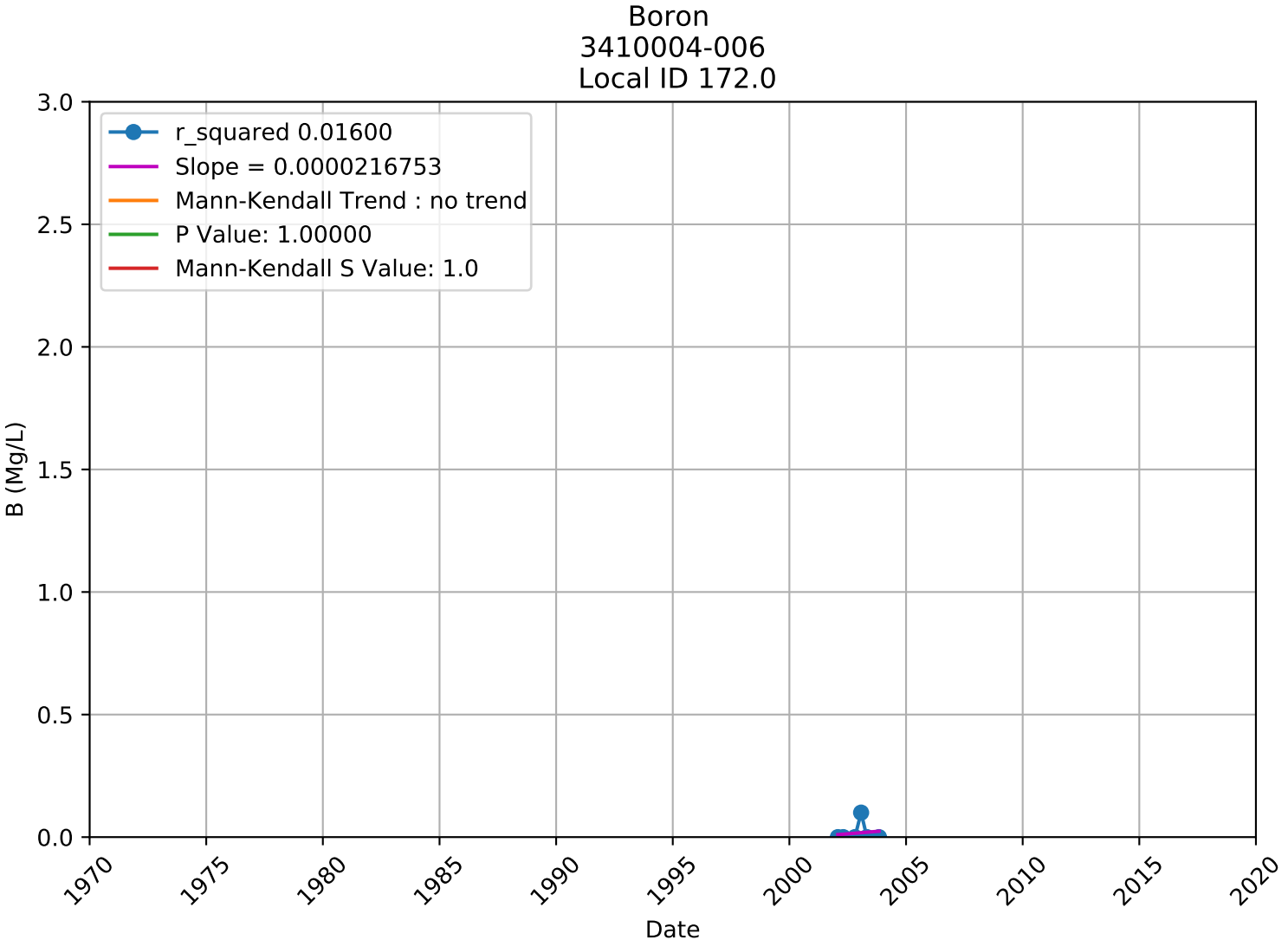

Boron
12N03E26R001M
Local ID 2953.0
r_squared 0.16553
Slope = 0.0000030194
Mann-Kendall Trend : no trend
P Value: 0.14856
Mann-Kendall S Value: 5.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

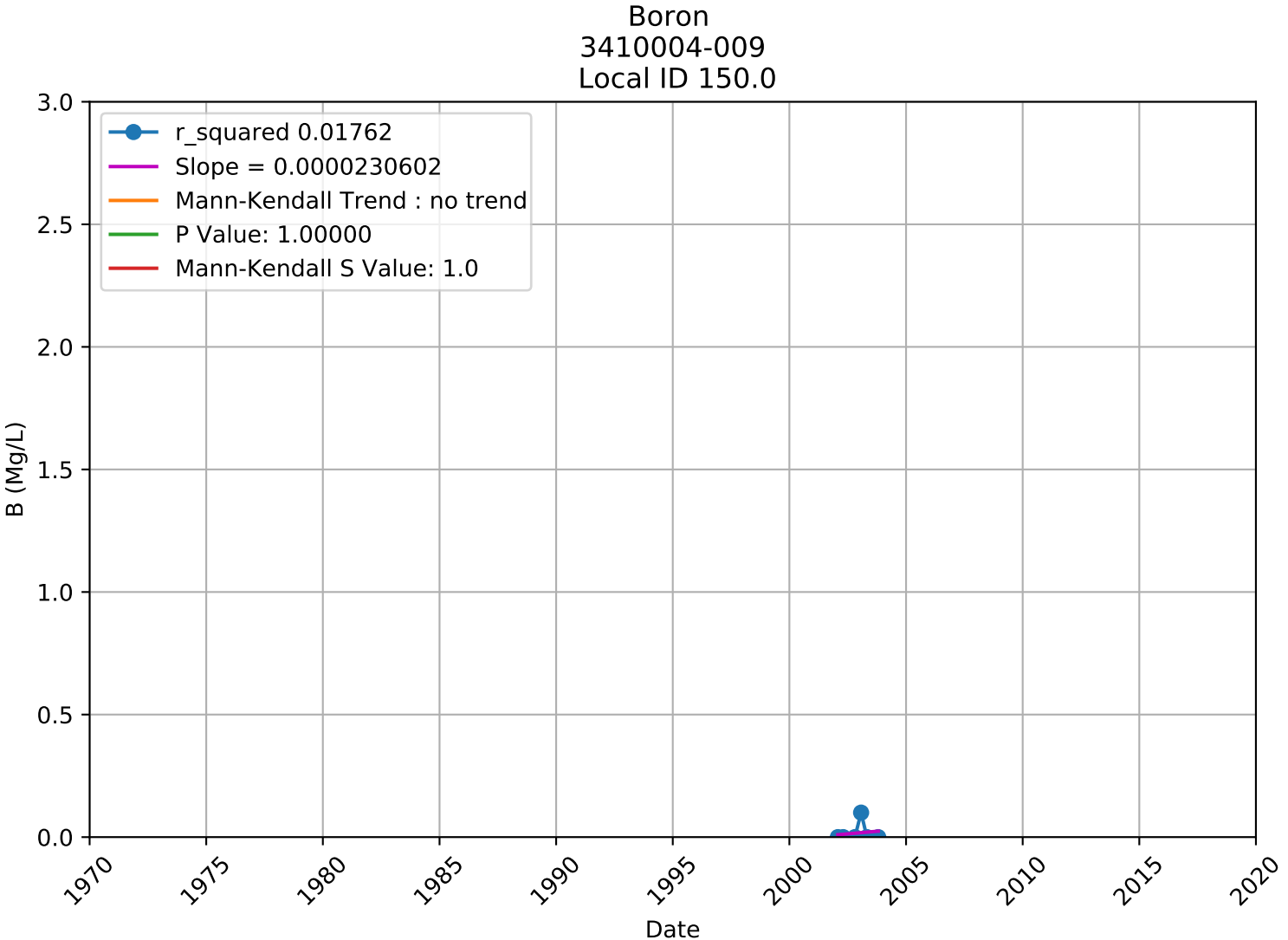

Boron
12N04E05R005M
Local ID 2967.0
r_squared 0.54012
Slope = -0.0000121403
Mann-Kendall Trend : no trend
P Value: 0.25966
Mann-Kendall S Value: -7.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

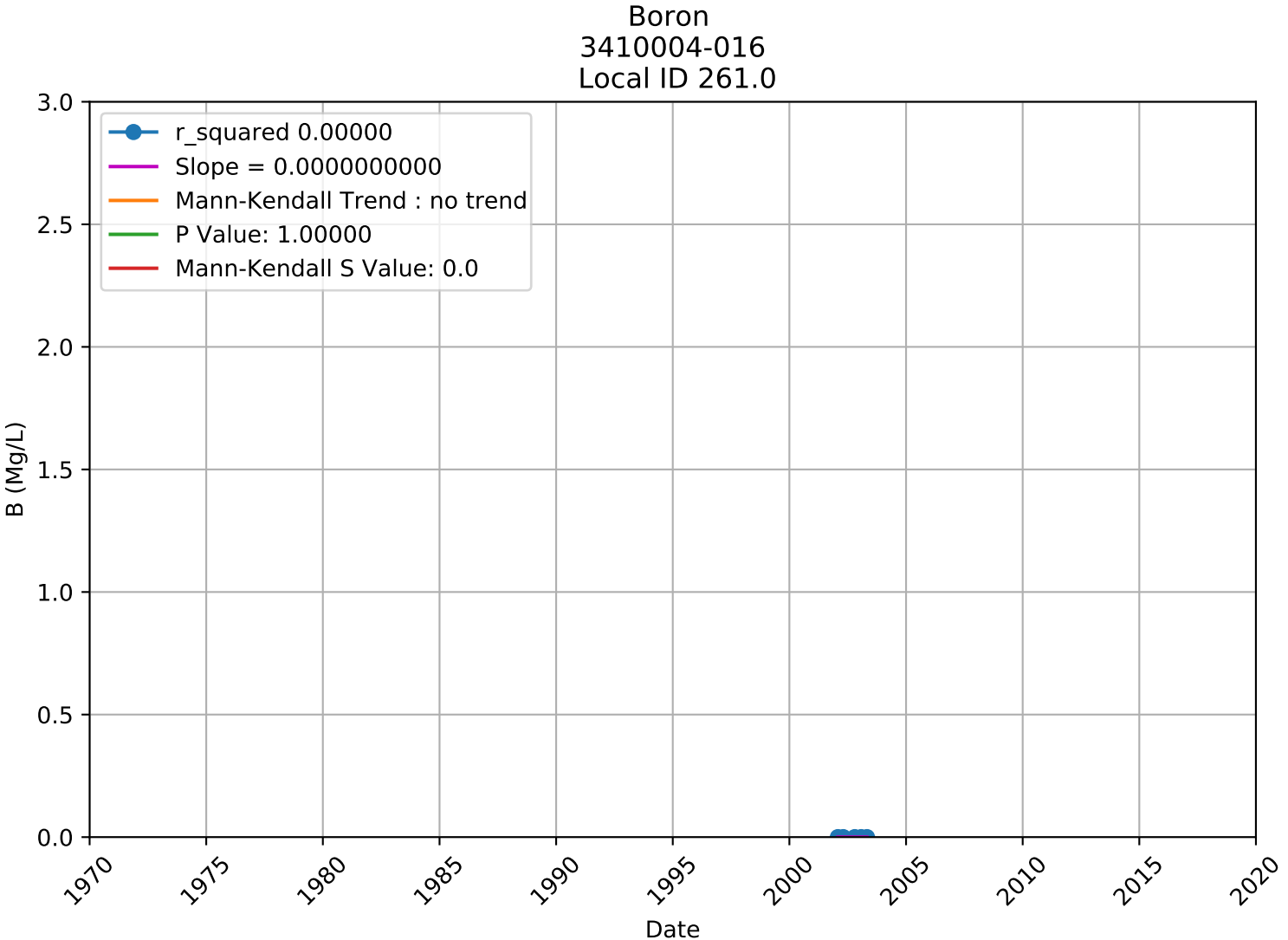

Boron
12N04E25N001M
Local ID 2956.0
r_squared 0.02211
Slope = -0.0000010673
Mann-Kendall Trend : no trend
P Value: 0.18060
Mann-Kendall S Value: -8.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

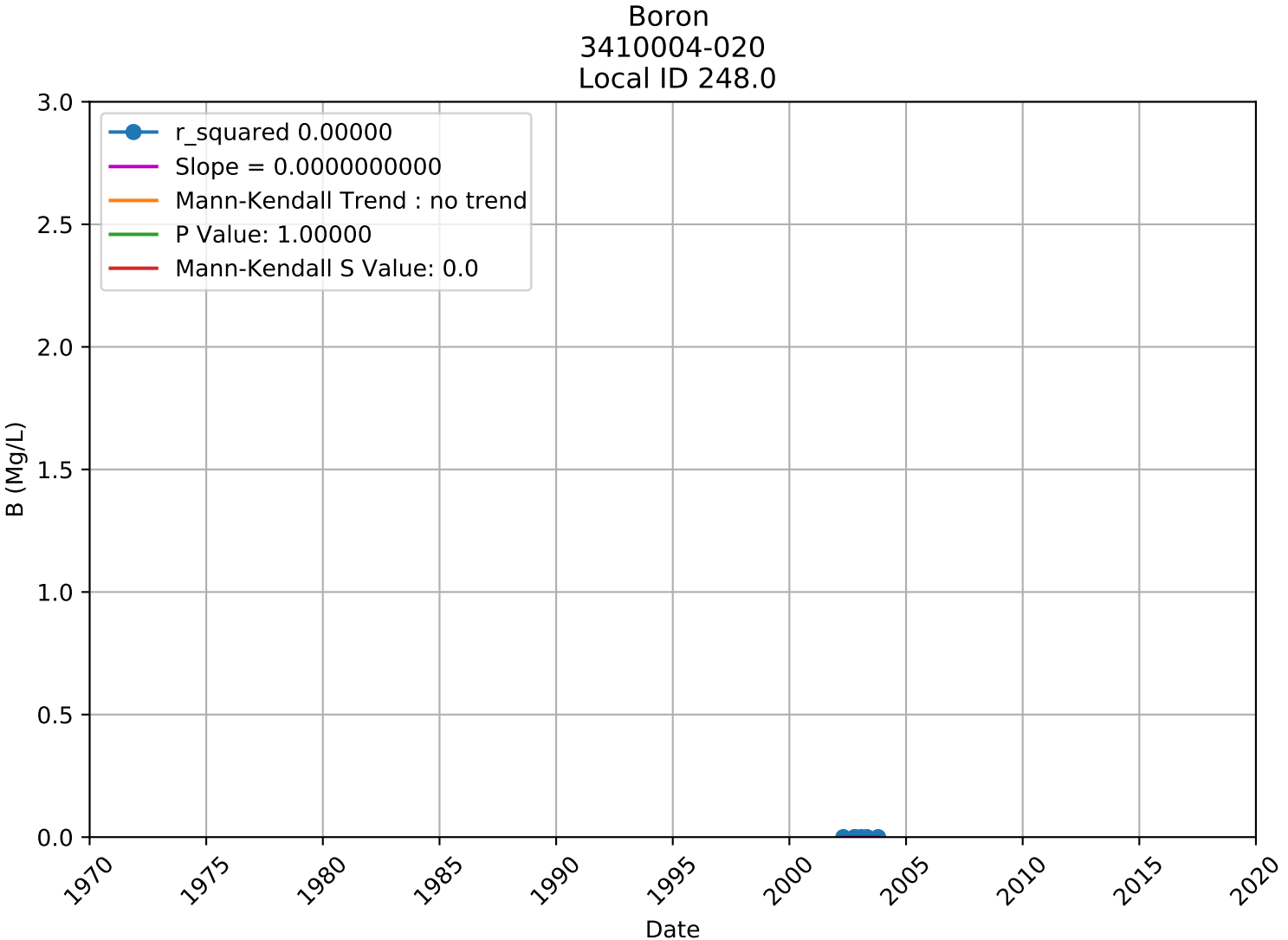

Boron
3100538-001
Local ID 2059.0
r_squared 0.10886
Slope = 0.0000142545
Mann-Kendall Trend : no trend
P Value: 0.73410
Mann-Kendall S Value: -2.0
B (Mg/L)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Date

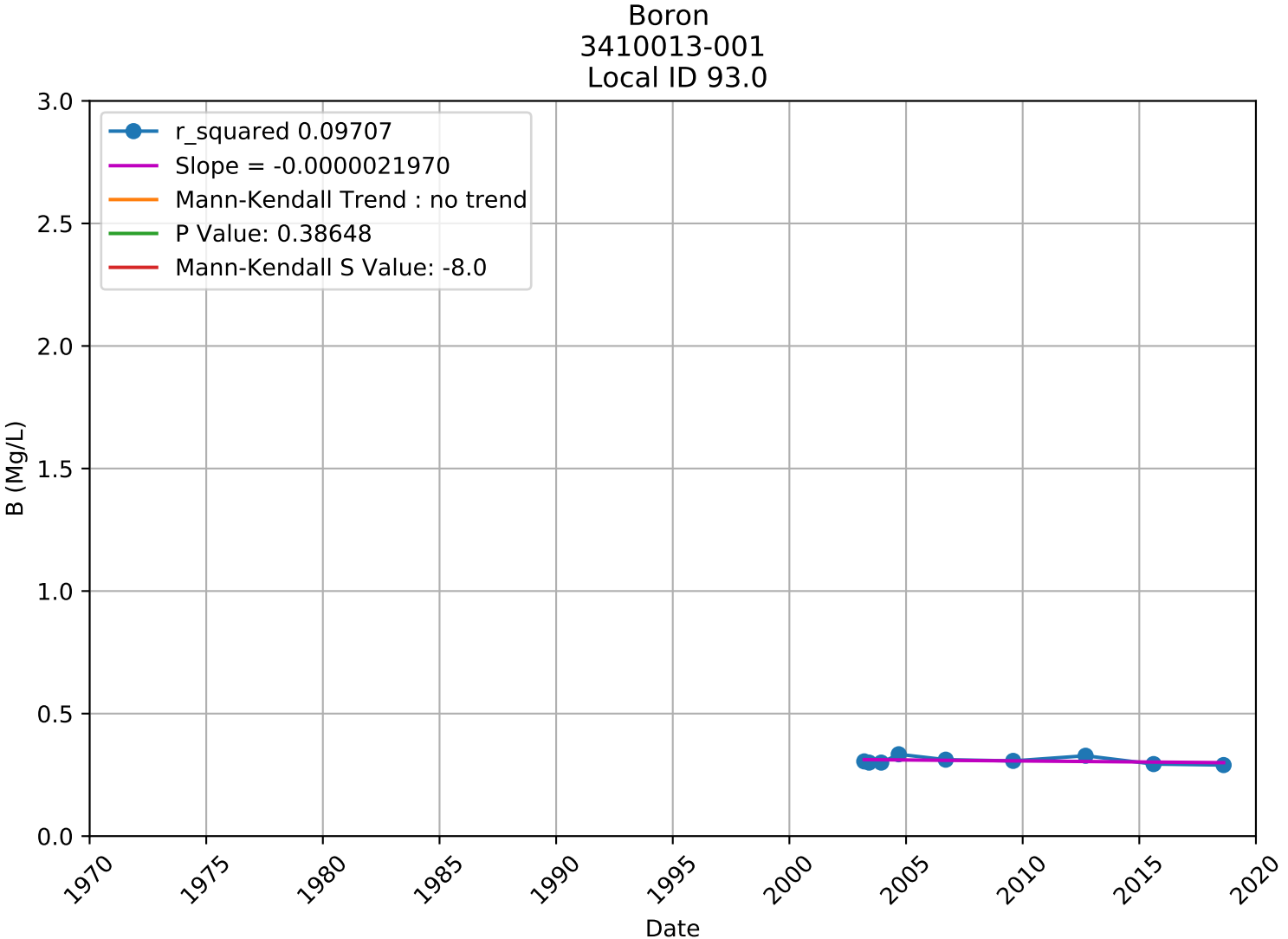

Boron
3104508-001
Local ID 2060.0
r_squared 0.00168
Slope = 0.0000009552
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
B (Mg/L)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
1975
1980
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1990
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2010
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2020
Date

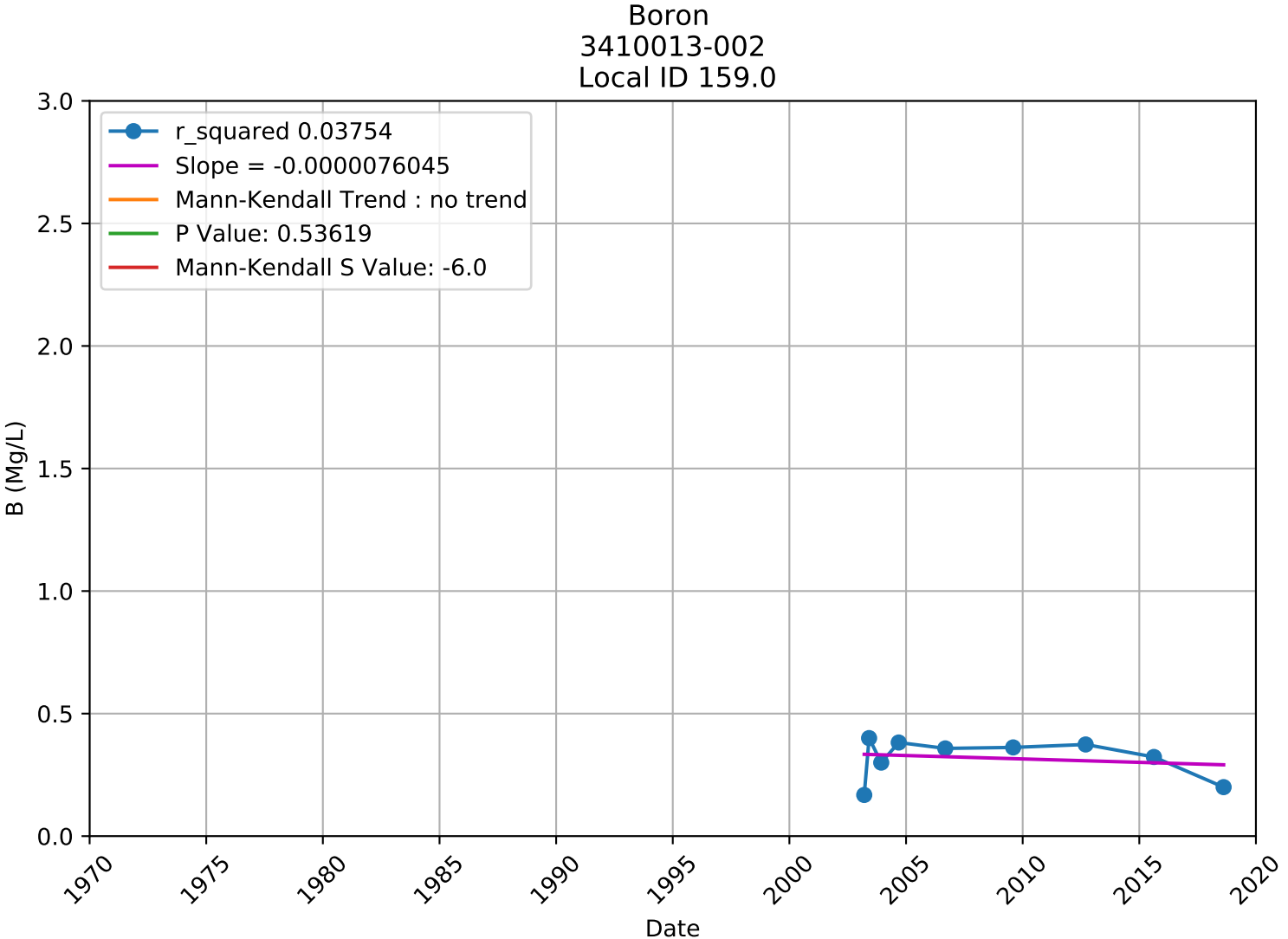

Boron
3410004-006
Local ID 172.0
r_squared 0.01600
Slope = 0.0000216753
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
B (Mg/L)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
1975
1980
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1990
1995
2000
2005
2010
2015
2020
Date

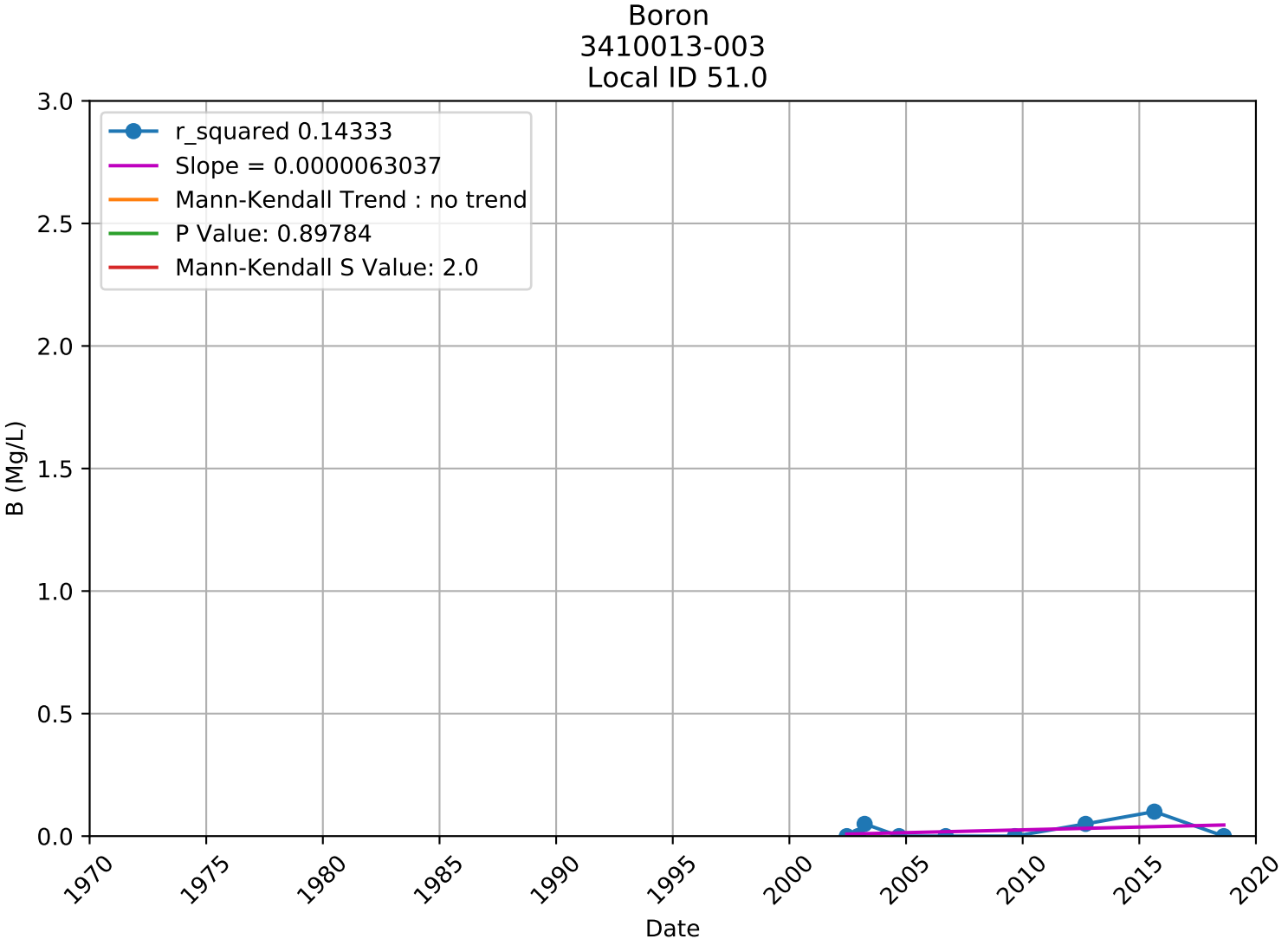

Boron
3410004-009
Local ID 150.0
r_squared 0.01762
Slope = 0.0000230602
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
B (Mg/L)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
1975
1980
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2010
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2020
Date

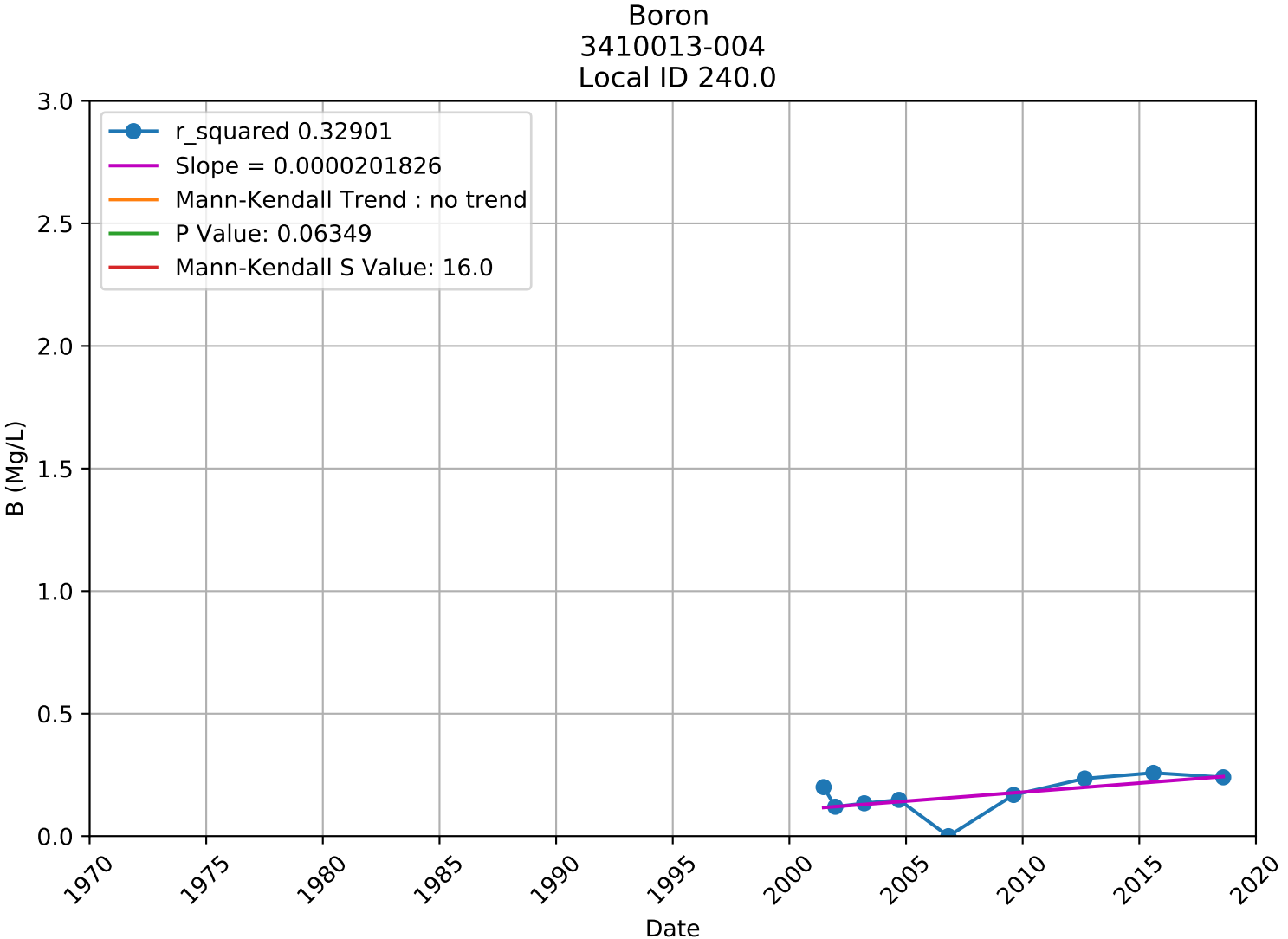

Boron
3410004-016
Local ID 261.0
r_squared 0.00000
Slope = 0.0000000000
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

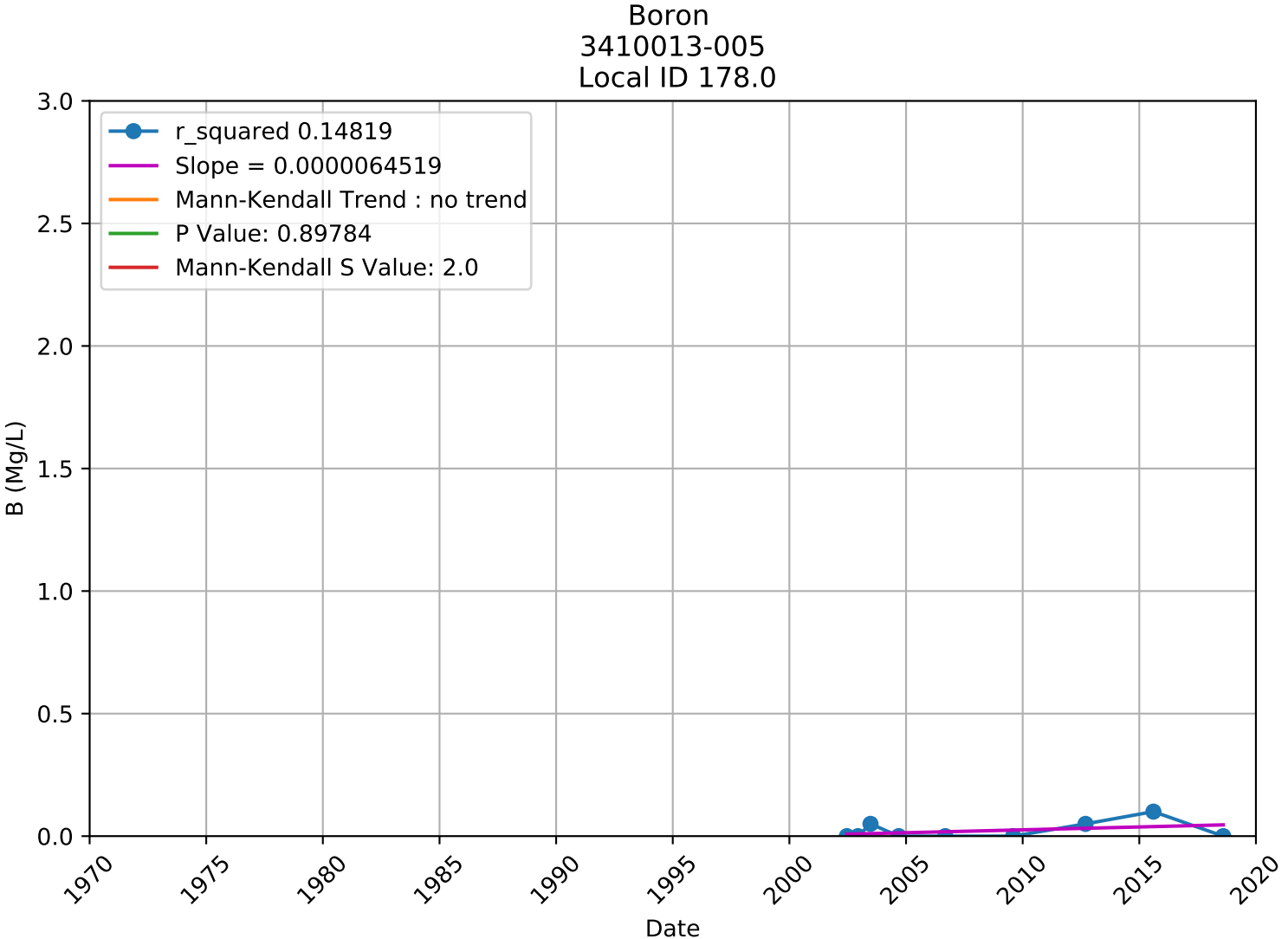

Boron
3410004-020
Local ID 248.0
r_squared 0.00000
Slope = 0.0000000000
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
1975
1980
1985
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1995
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2005
2010
2015
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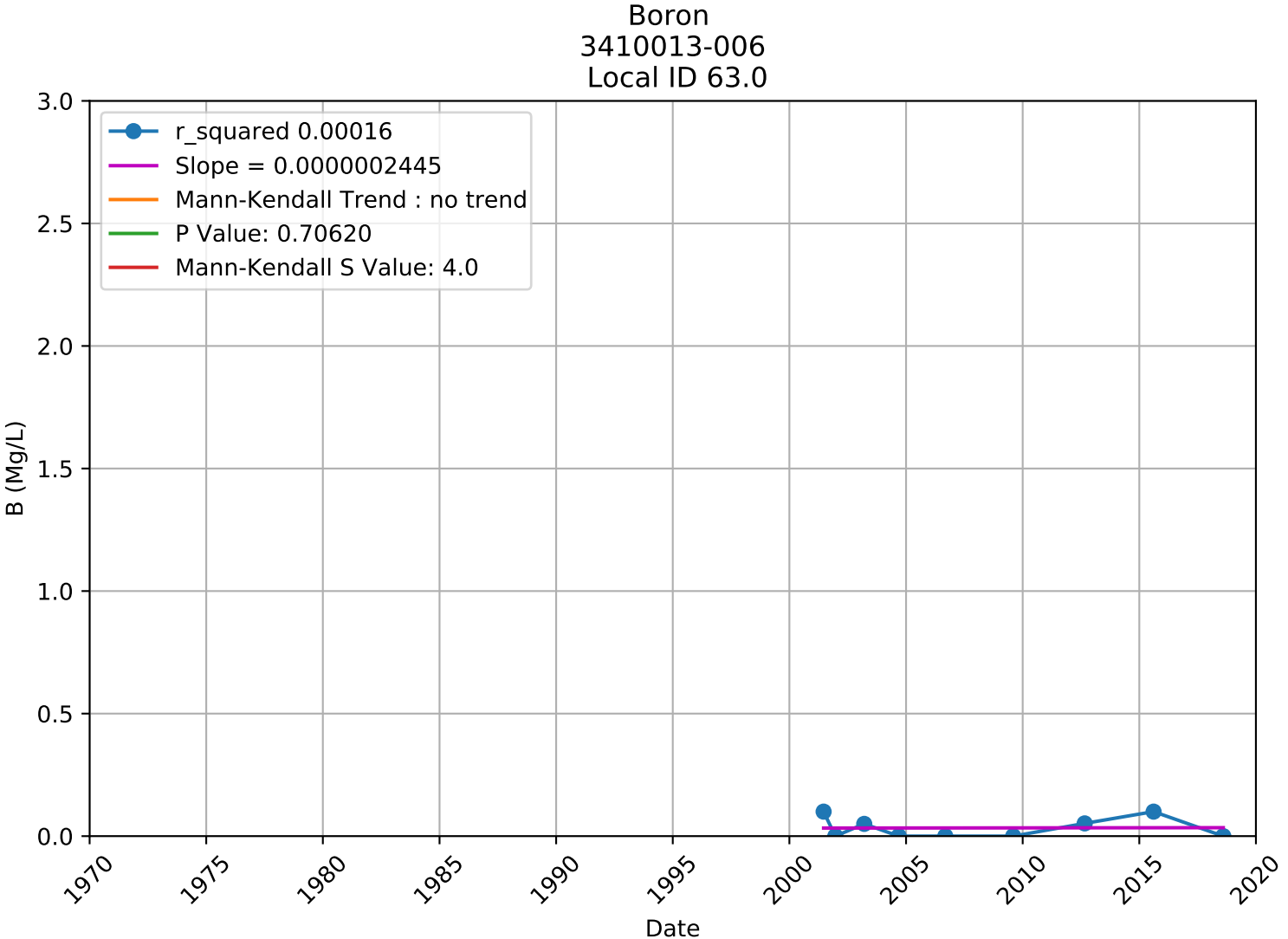

Boron
3410013-001
Local ID 93.0
r_squared 0.09707
Slope = -0.0000021970
Mann-Kendall Trend : no trend
P Value: 0.38648
Mann-Kendall S Value: -8.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
1975
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2010
2015
2020

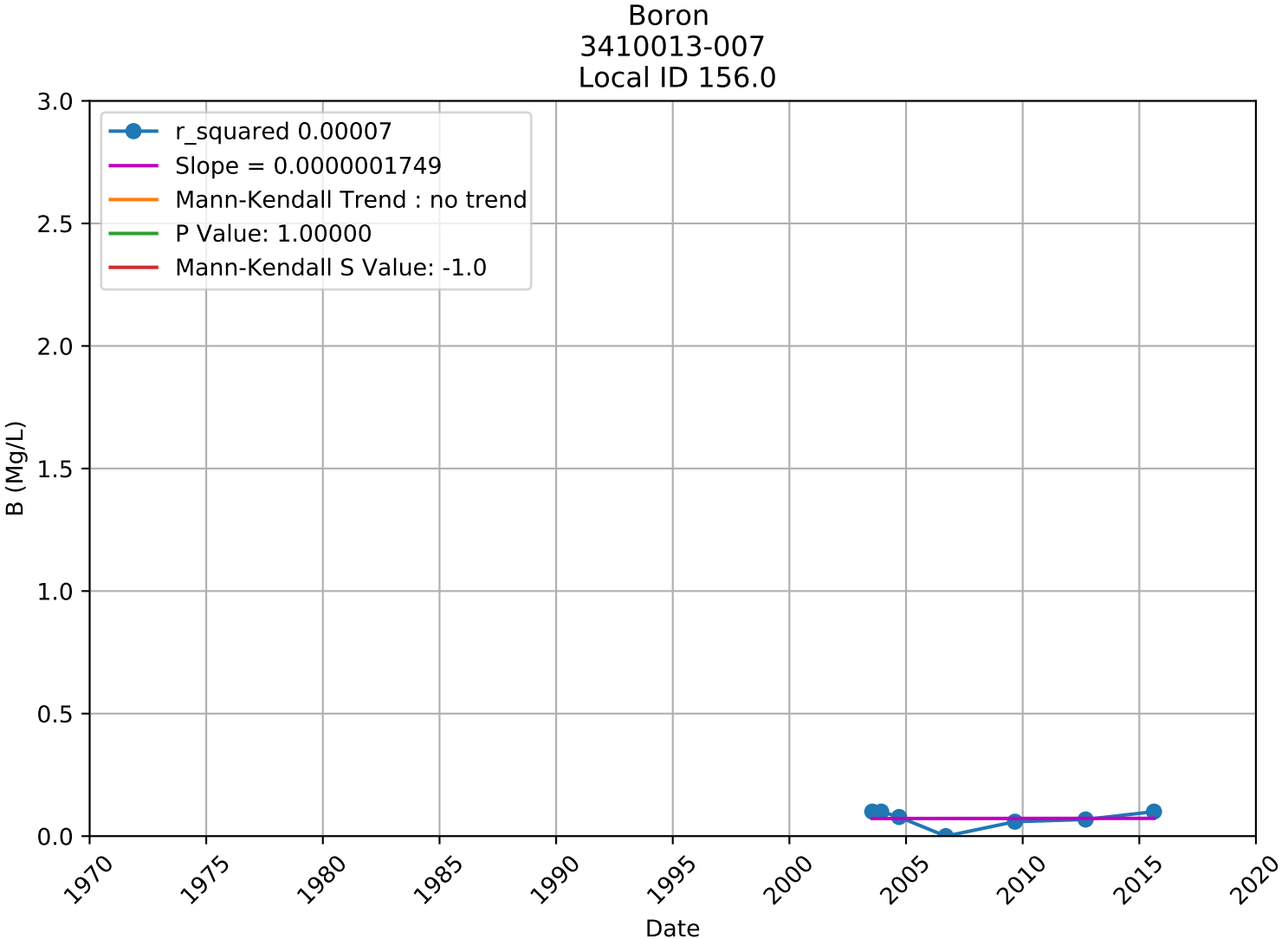

Boron
3410013-002
Local ID 159.0
r_squared 0.03754
Slope = -0.0000076045
Mann-Kendall Trend : no trend
P Value: 0.53619
Mann-Kendall S Value: -6.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
1975
1980
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1990
1995
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2005
2010
2015
2020

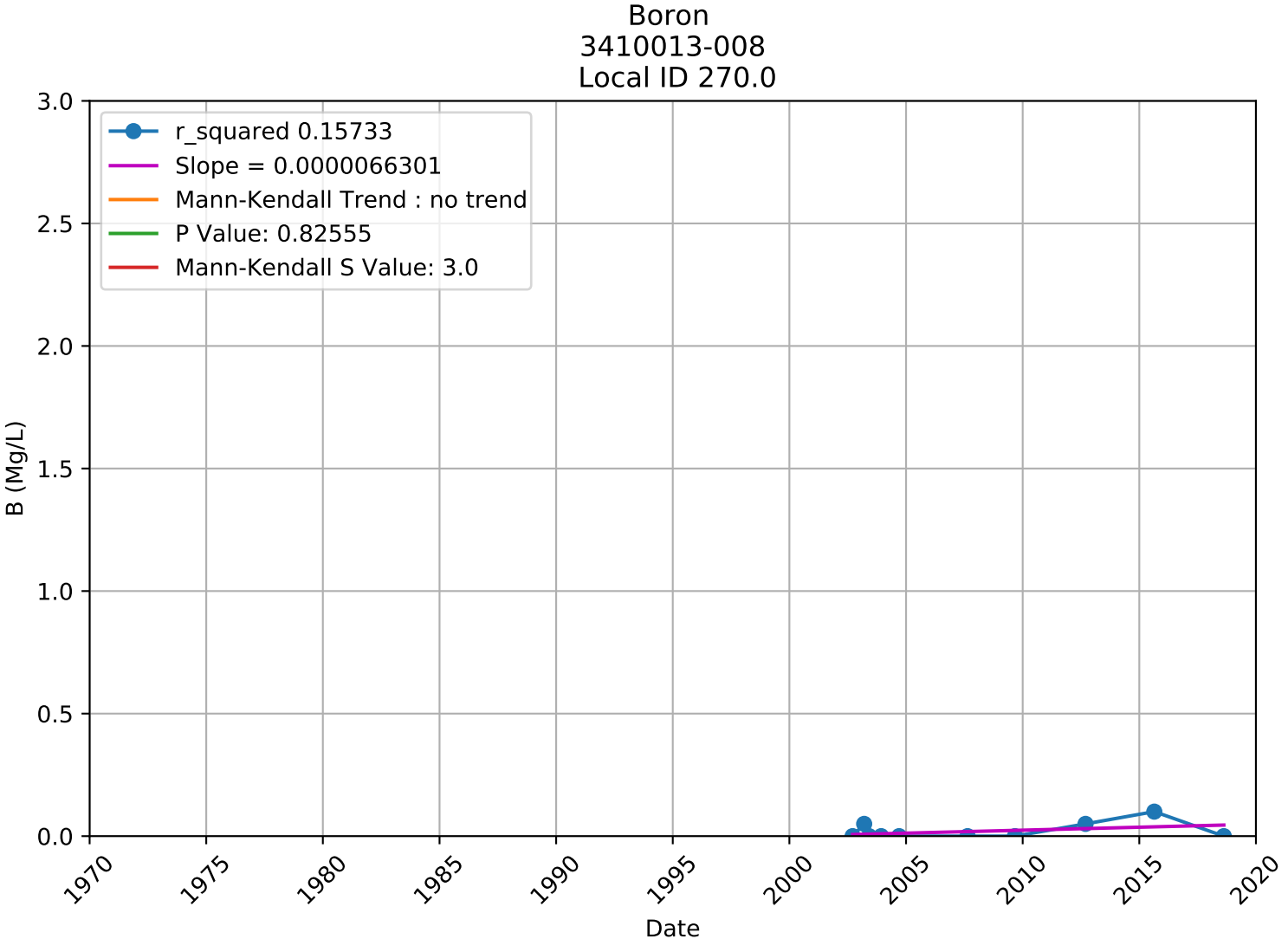

Boron
3410013-003
Local ID 51.0
r_squared 0.14333
Slope = 0.0000063037
Mann-Kendall Trend : no trend
P Value: 0.89784
Mann-Kendall S Value: 2.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
1975
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2010
2015
2020

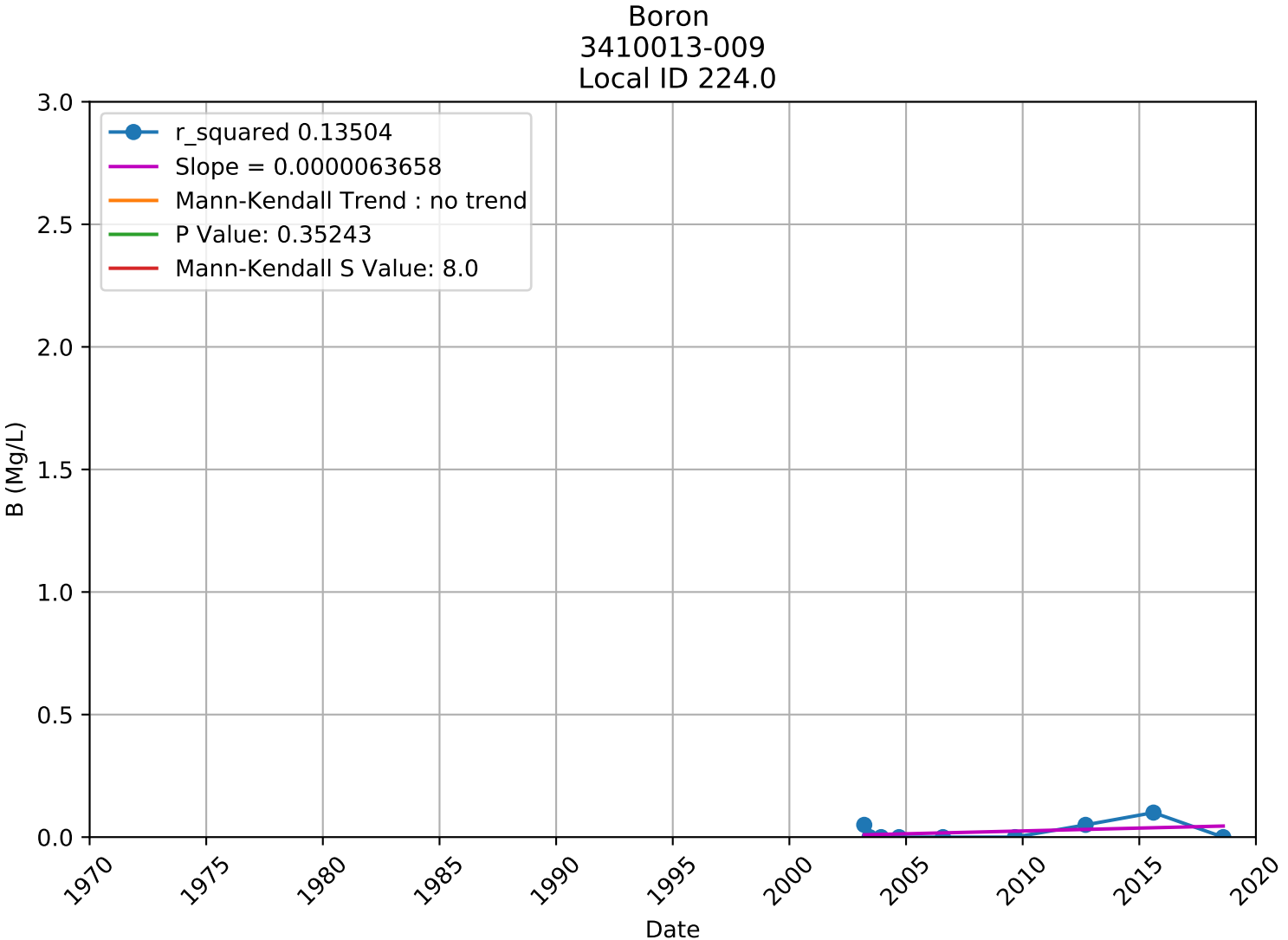

Boron
3410013-004
Local ID 240.0
r_squared 0.32901
Slope = 0.0000201826
Mann-Kendall Trend : no trend
P Value: 0.06349
Mann-Kendall S Value: 16.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
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2015
2020

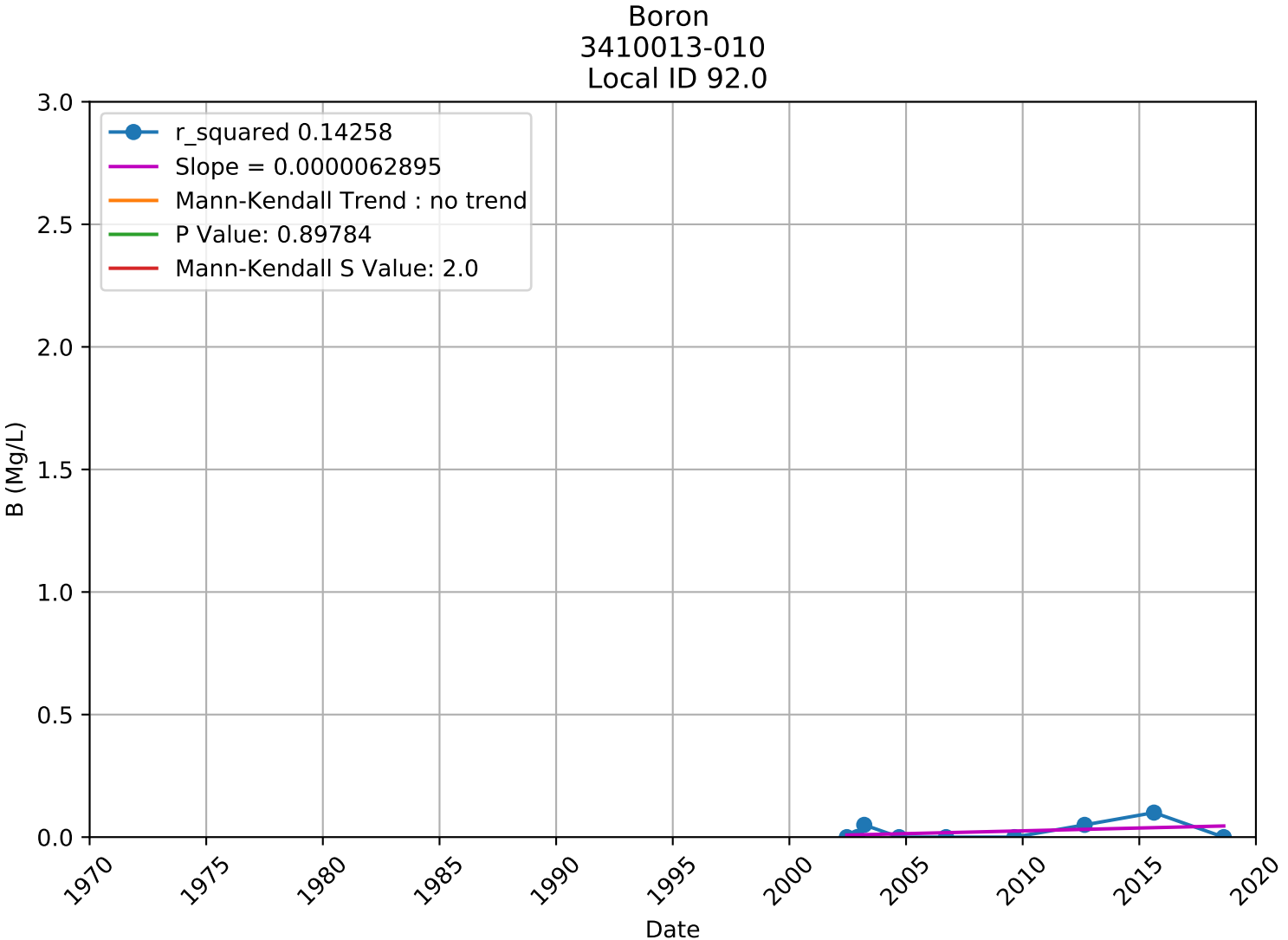

Boron
3410013-005
Local ID 178.0
r_squared 0.14819
Slope = 0.0000064519
Mann-Kendall Trend : no trend
P Value: 0.89784
Mann-Kendall S Value: 2.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
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2015
2020

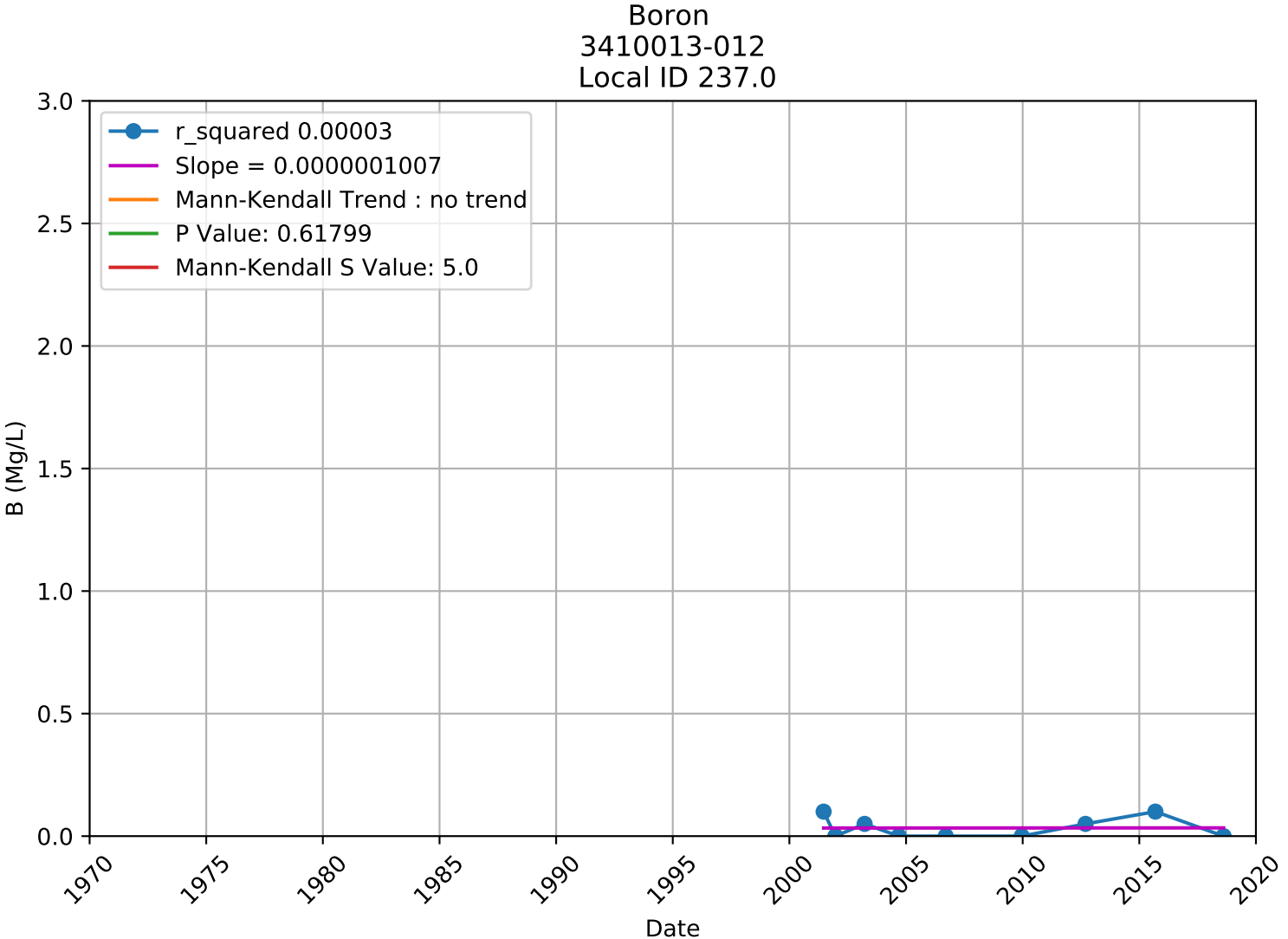

Boron
3410013-006
Local ID 63.0
r_squared 0.00016
Slope = 0.0000002445
Mann-Kendall Trend : no trend
P Value: 0.70620
Mann-Kendall S Value: 4.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
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2015
2020

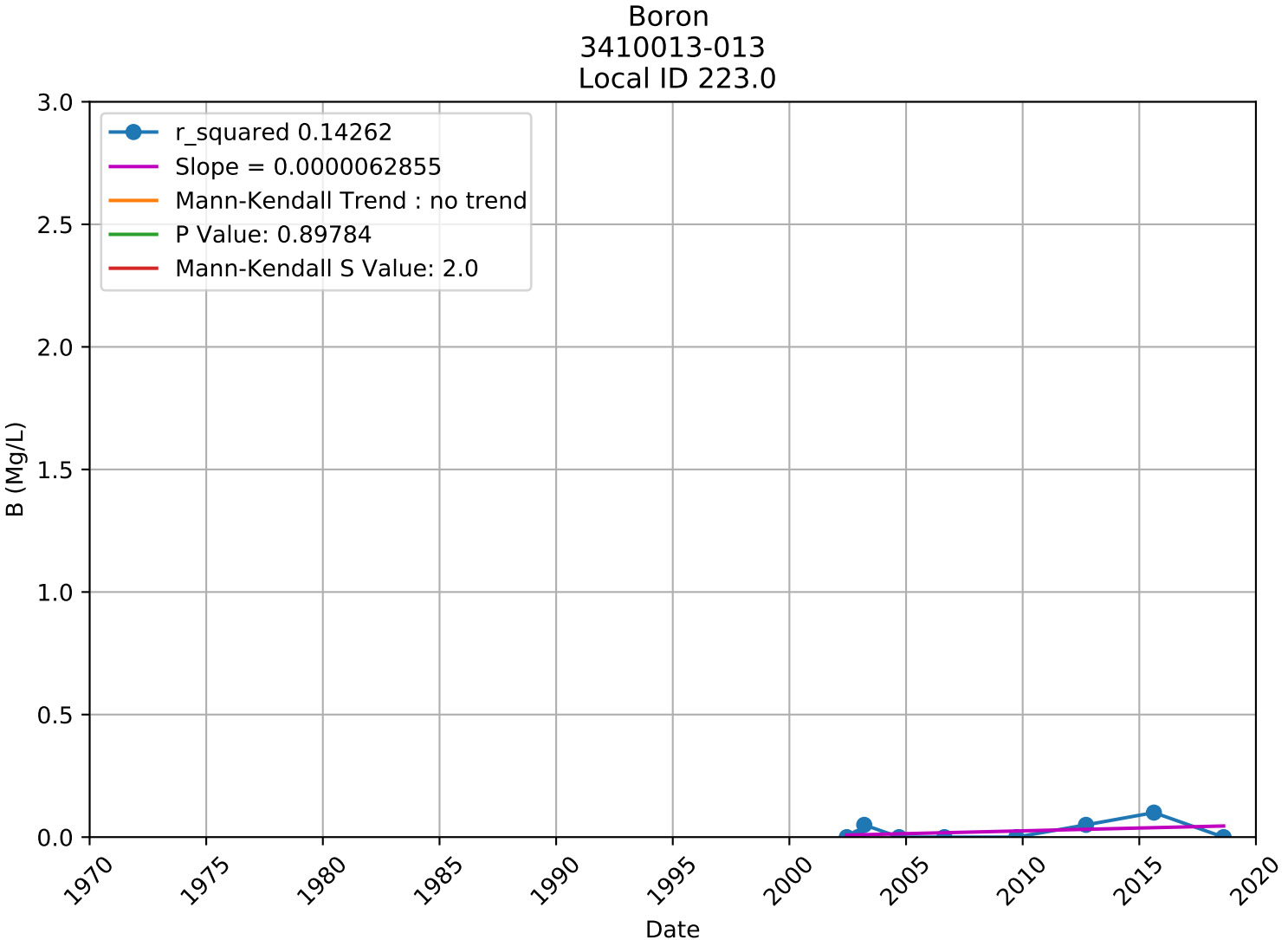

Boron
3410013-007
Local ID 156.0
r_squared 0.00007
Slope = 0.0000001749
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
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2010
2015
2020

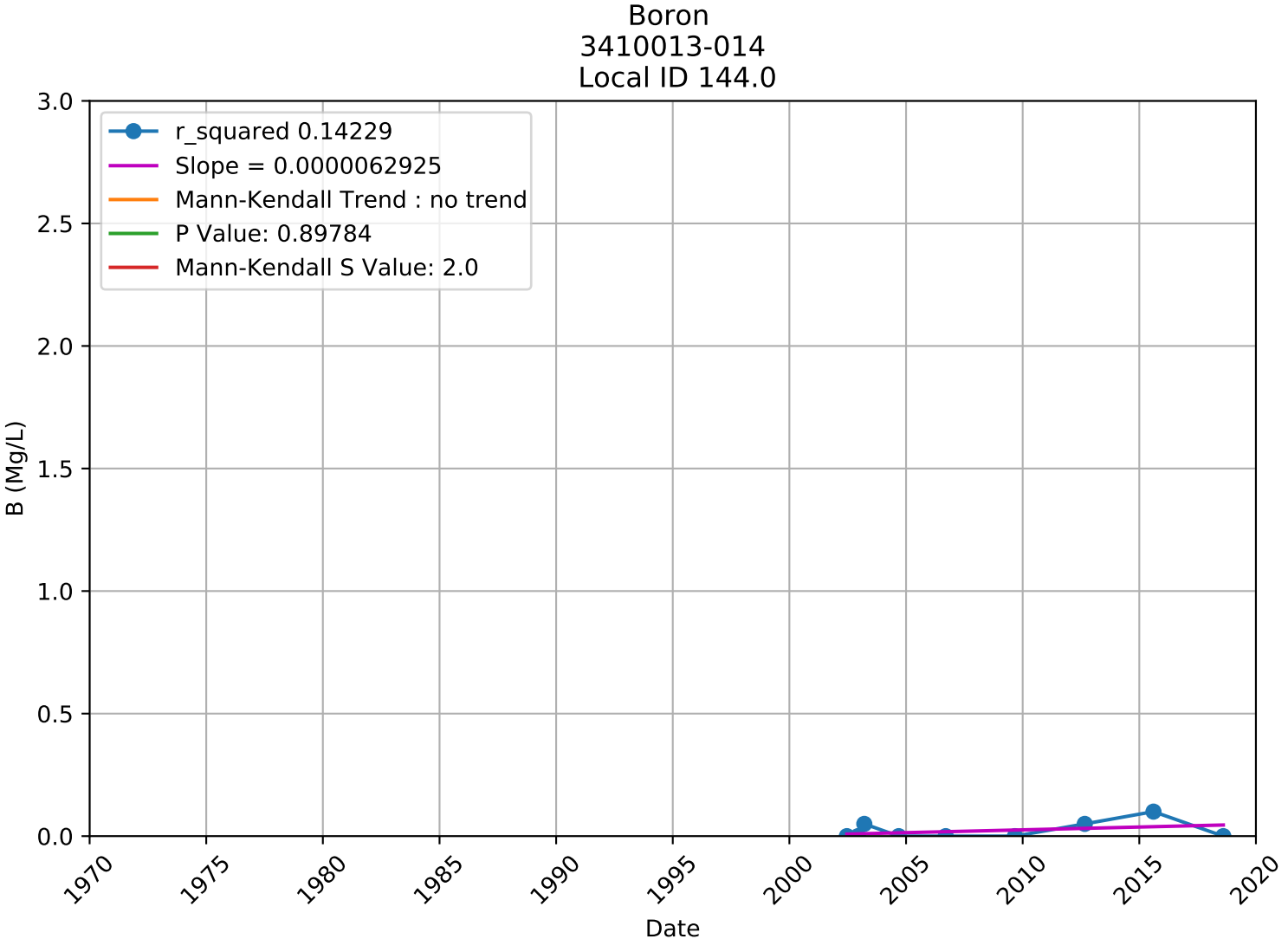

Boron
3410013-008
Local ID 270.0
r_squared 0.15733
Slope = 0.0000066301
Mann-Kendall Trend : no trend
P Value: 0.82555
Mann-Kendall S Value: 3.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
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2010
2015
2020

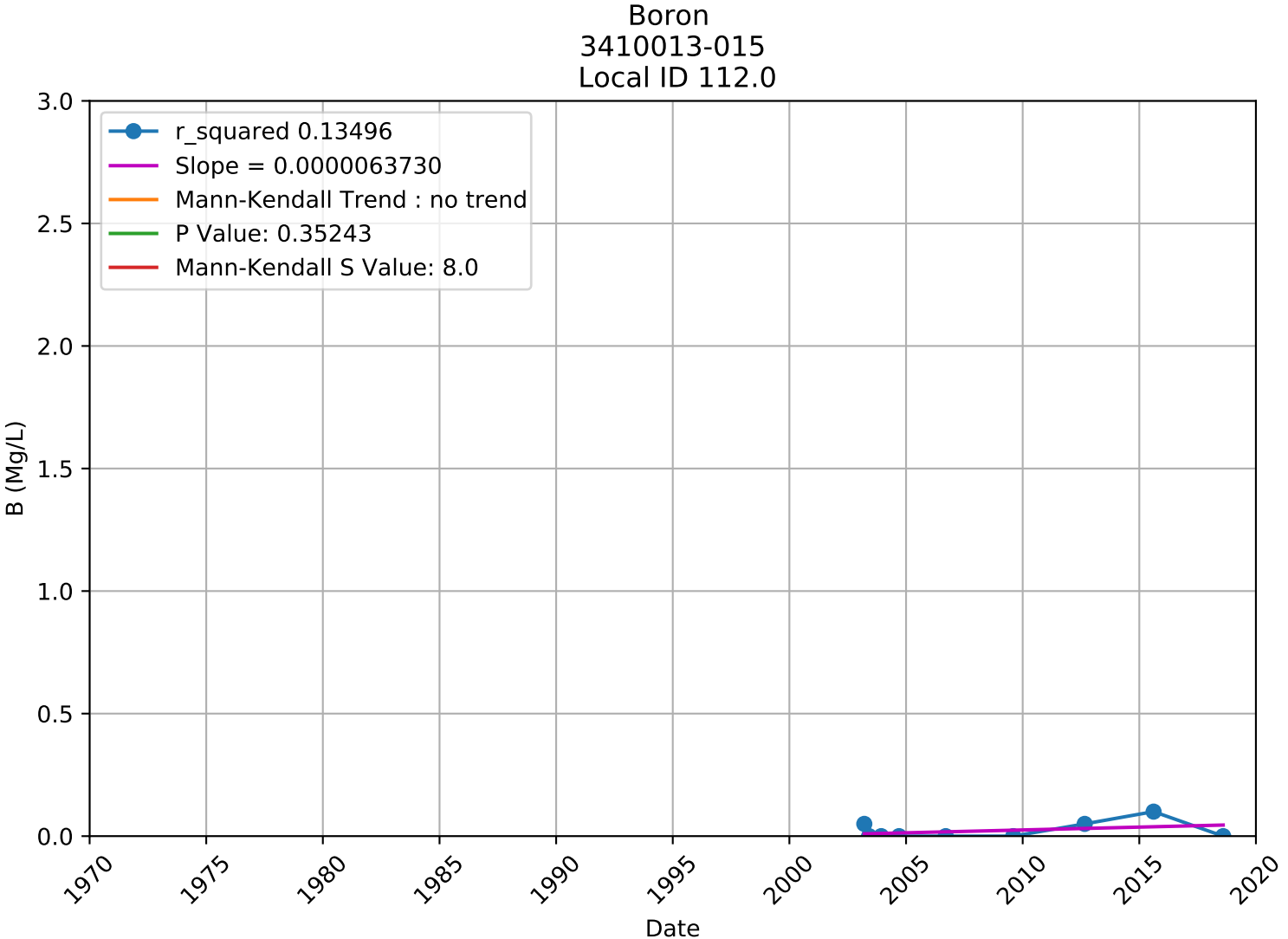

Boron
3410013-009
Local ID 224.0
r_squared 0.13504
Slope = 0.0000063658
Mann-Kendall Trend : no trend
P Value: 0.35243
Mann-Kendall S Value: 8.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
1975
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2005
2010
2015
2020

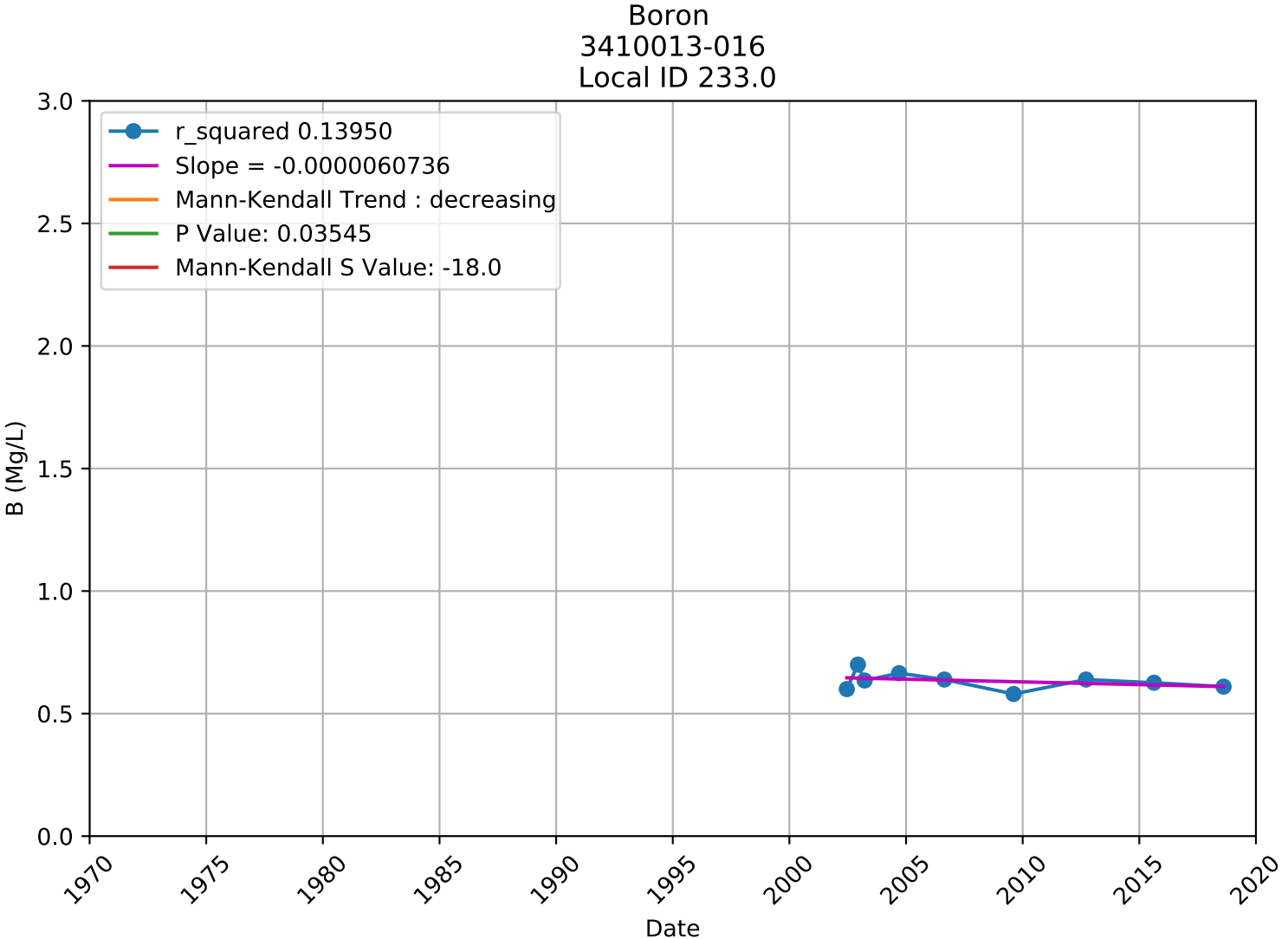

Boron
3410013-010
Local ID 92.0
r_squared 0.14258
Slope = 0.0000062895
Mann-Kendall Trend : no trend
P Value: 0.89784
Mann-Kendall S Value: 2.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
1975
1980
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2000
2005
2010
2015
2020

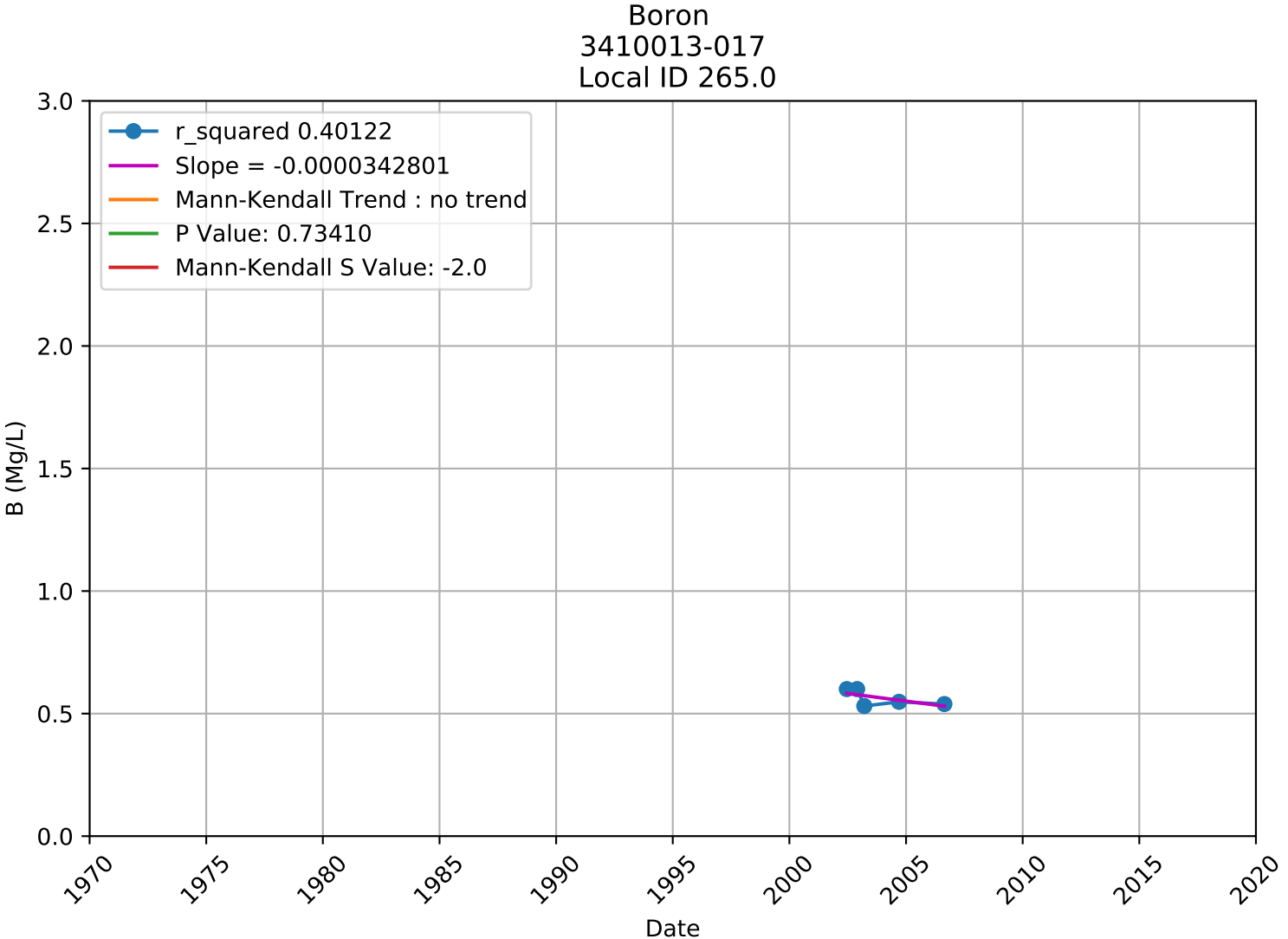

Boron
3410013-012
Local ID 237.0
r_squared 0.00003
Slope = 0.0000001007
Mann-Kendall Trend : no trend
P Value: 0.61799
Mann-Kendall S Value: 5.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
1975
1980
1985
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2005
2010
2015
2020

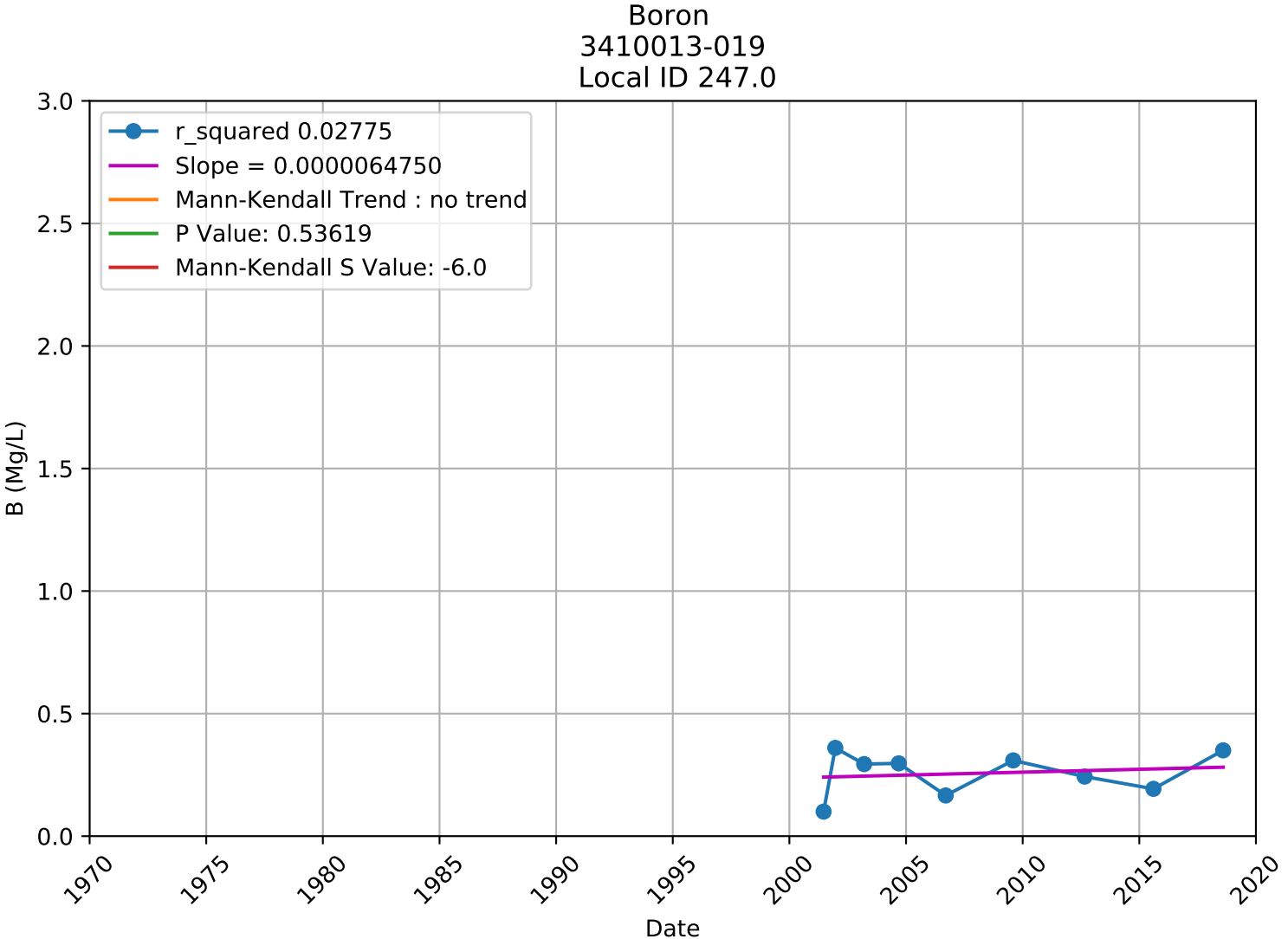

Boron
3410013-013
Local ID 223.0
r_squared 0.14262
Slope = 0.0000062855
Mann-Kendall Trend : no trend
P Value: 0.89784
Mann-Kendall S Value: 2.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
1975
1980
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1995
2000
2005
2010
2015
2020

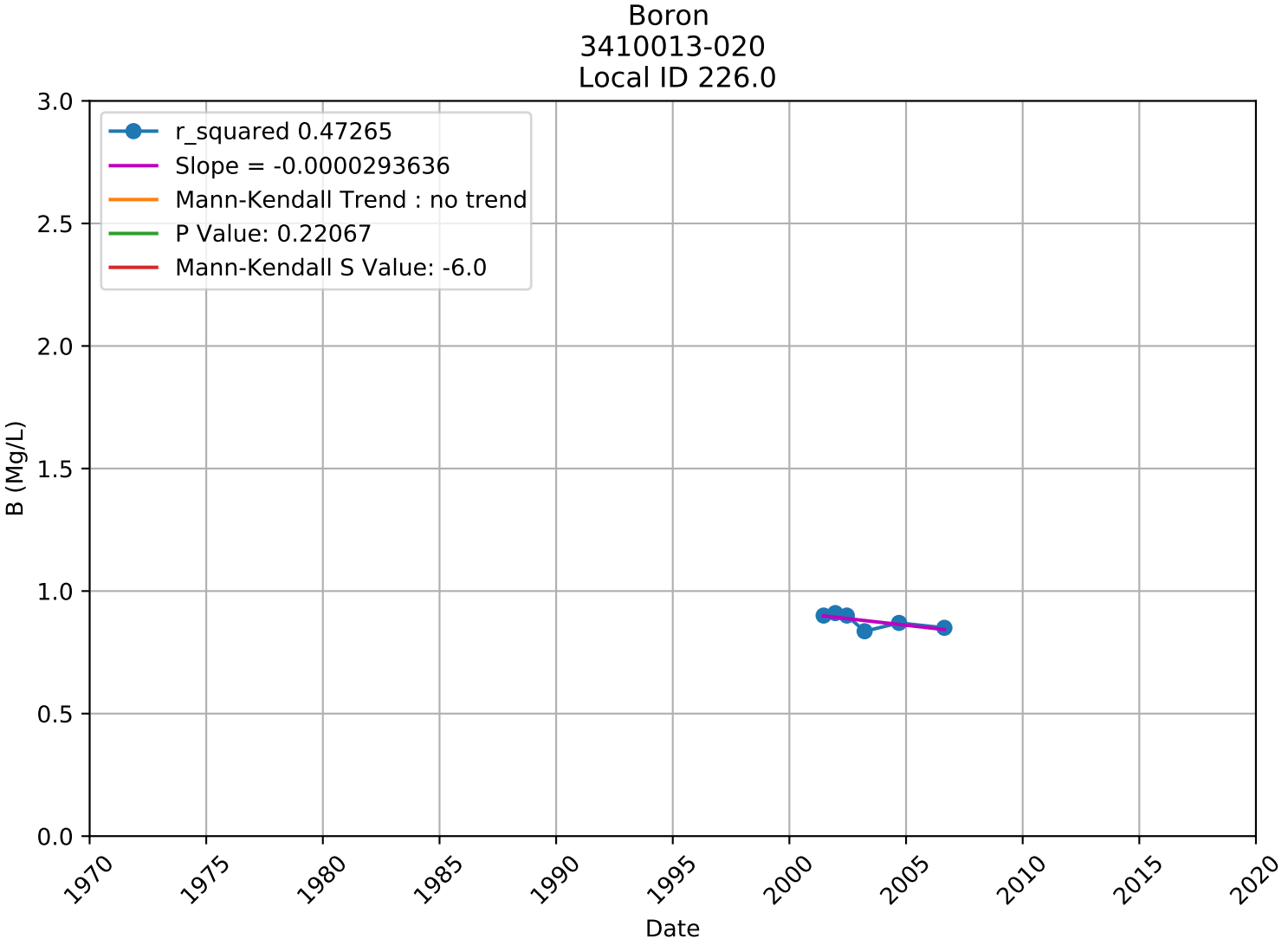

Boron
3410013-014
Local ID 144.0
r_squared 0.14229
Slope = 0.0000062925
Mann-Kendall Trend : no trend
P Value: 0.89784
Mann-Kendall S Value: 2.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

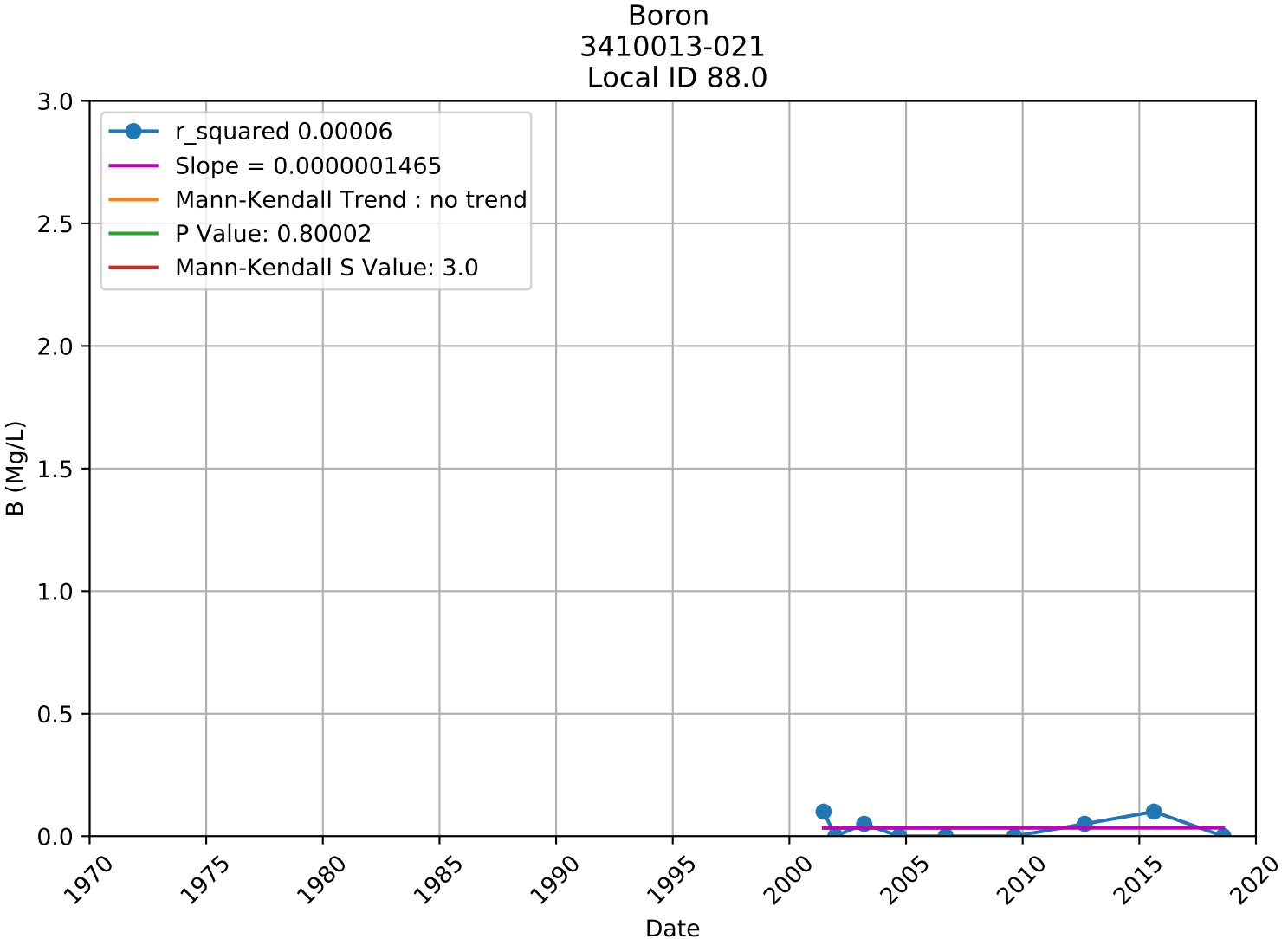

Boron
3410013-015
Local ID 112.0
r_squared 0.13496
Slope = 0.0000063730
Mann-Kendall Trend : no trend
P Value: 0.35243
Mann-Kendall S Value: 8.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
1975
1980
1985
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1995
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2005
2010
2015
2020

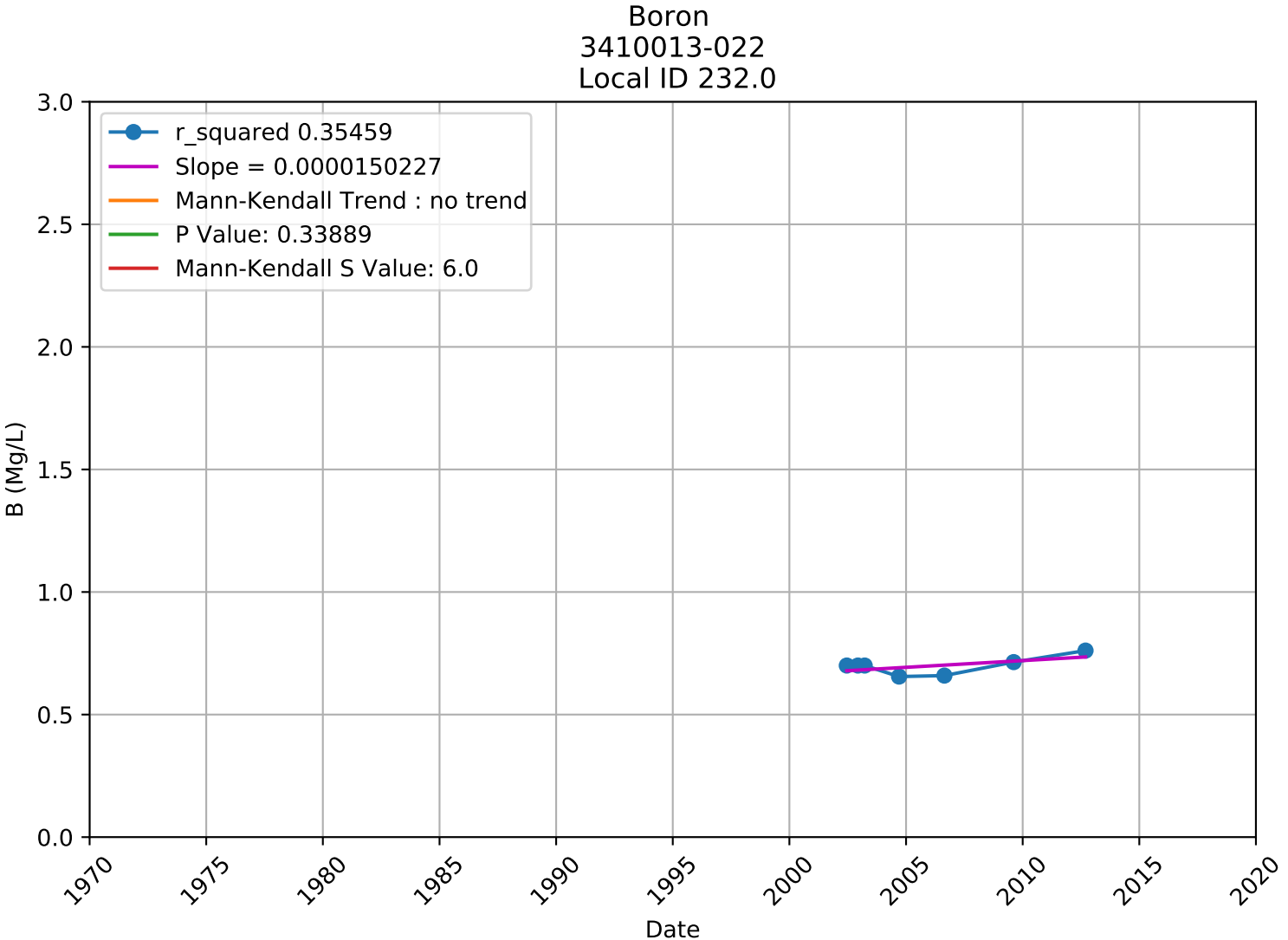

Boron
3410013-016
Local ID 233.0
r_squared 0.13950
Slope = -0.0000060736
Mann-Kendall Trend : decreasing
P Value: 0.03545
Mann-Kendall S Value: -18.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
1975
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1985
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1995
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2005
2010
2015
2020

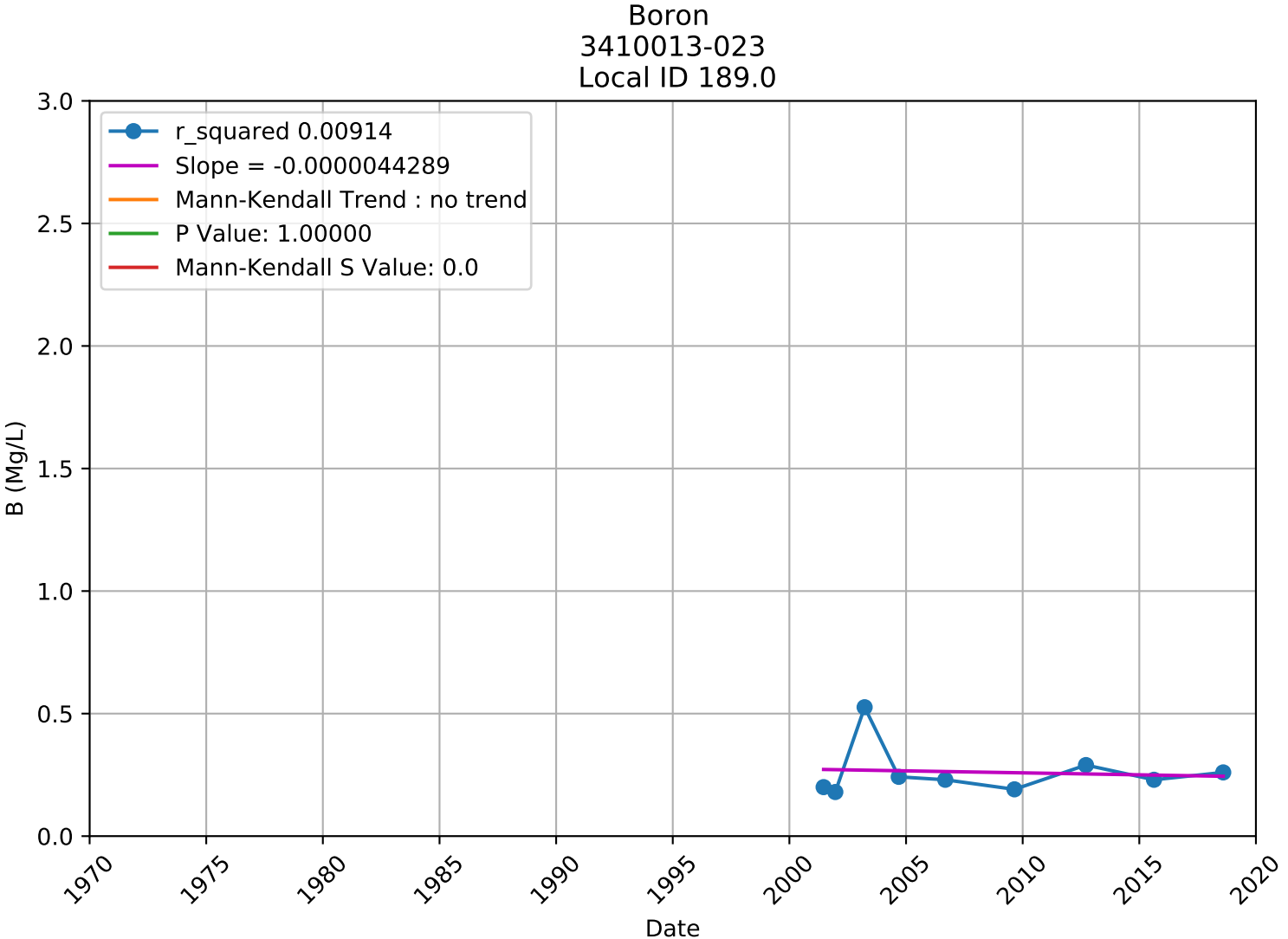

Boron
3410013-017
Local ID 265.0
r_squared 0.40122
Slope = -0.0000342801
Mann-Kendall Trend : no trend
P Value: 0.73410
Mann-Kendall S Value: -2.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
1975
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1995
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2005
2010
2015
2020

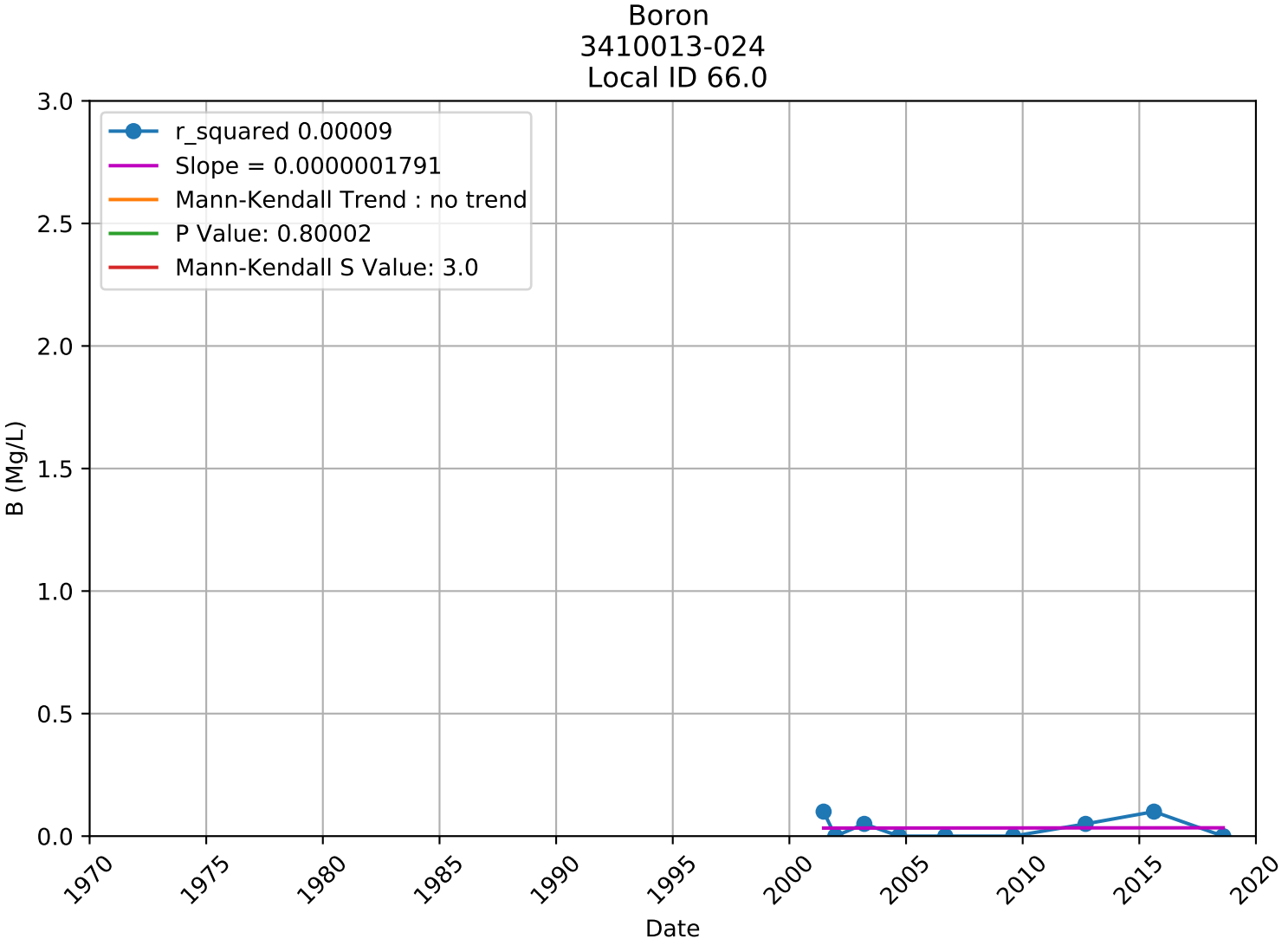

Boron
3410013-019
Local ID 247.0
r_squared 0.02775
Slope = 0.0000064750
Mann-Kendall Trend : no trend
P Value: 0.53619
Mann-Kendall S Value: -6.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
1975
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1995
2000
2005
2010
2015
2020

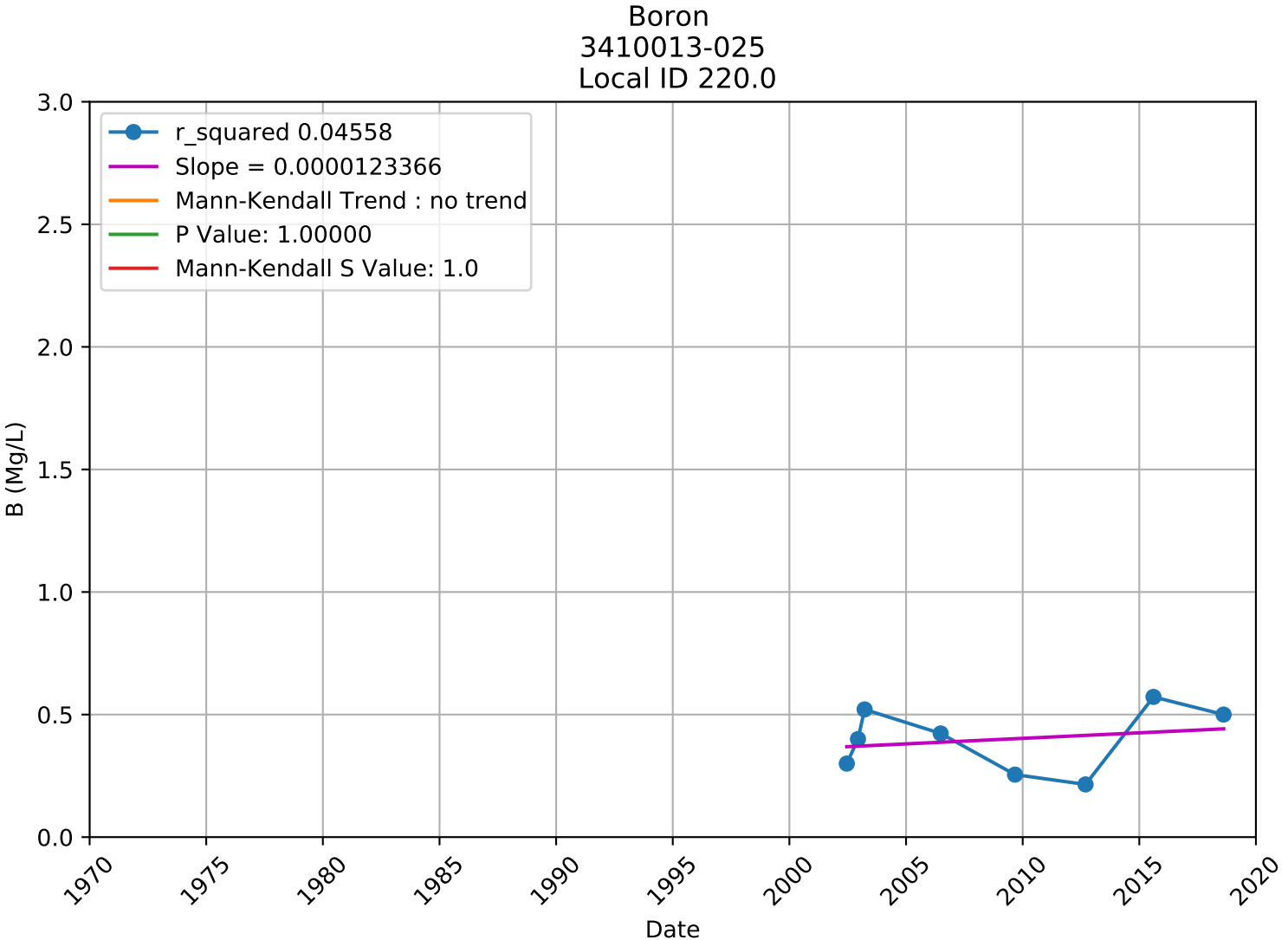

Boron
3410013-020
Local ID 226.0
r_squared 0.47265
Slope = -0.0000293636
Mann-Kendall Trend : no trend
P Value: 0.22067
Mann-Kendall S Value: -6.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
1975
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1995
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2005
2010
2015
2020

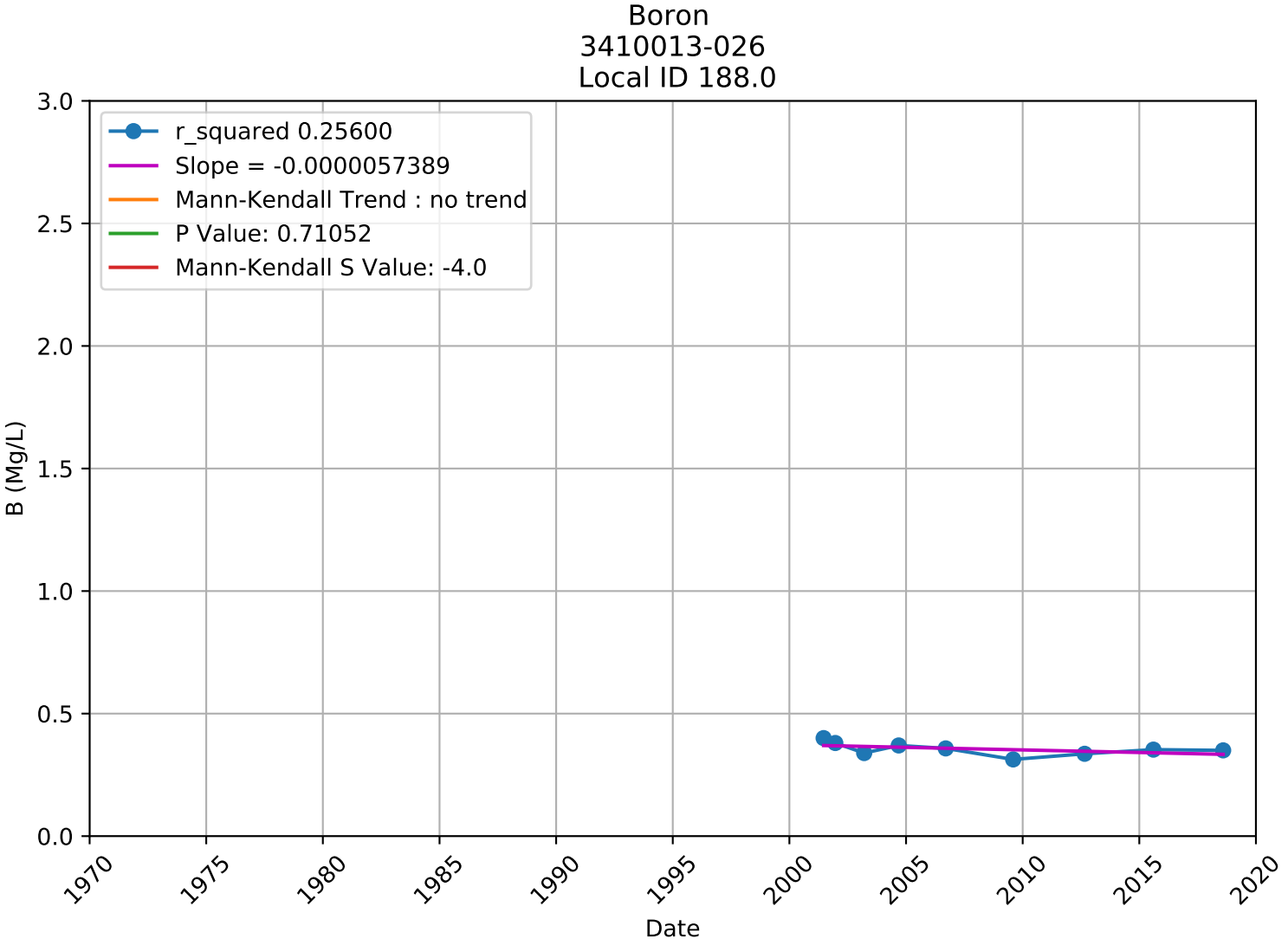

Boron
3410013-021
Local ID 88.0
r_squared 0.00006
Slope = 0.0000001465
Mann-Kendall Trend : no trend
P Value: 0.80002
Mann-Kendall S Value: 3.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
1975
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2005
2010
2015
2020

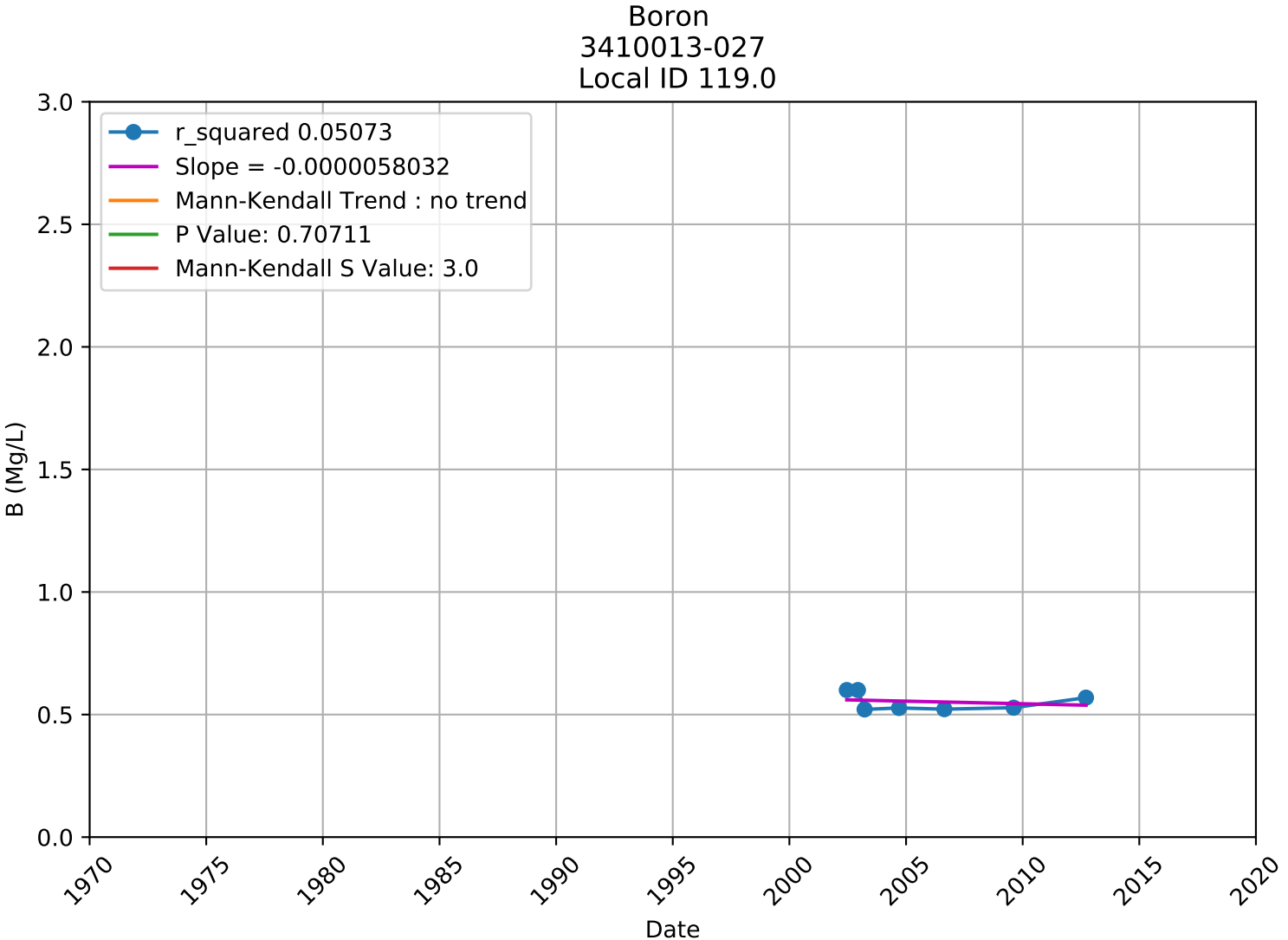

Boron
3410013-022
Local ID 232.0
r_squared 0.35459
Slope = 0.0000150227
Mann-Kendall Trend : no trend
P Value: 0.33889
Mann-Kendall S Value: 6.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
1975
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2005
2010
2015
2020

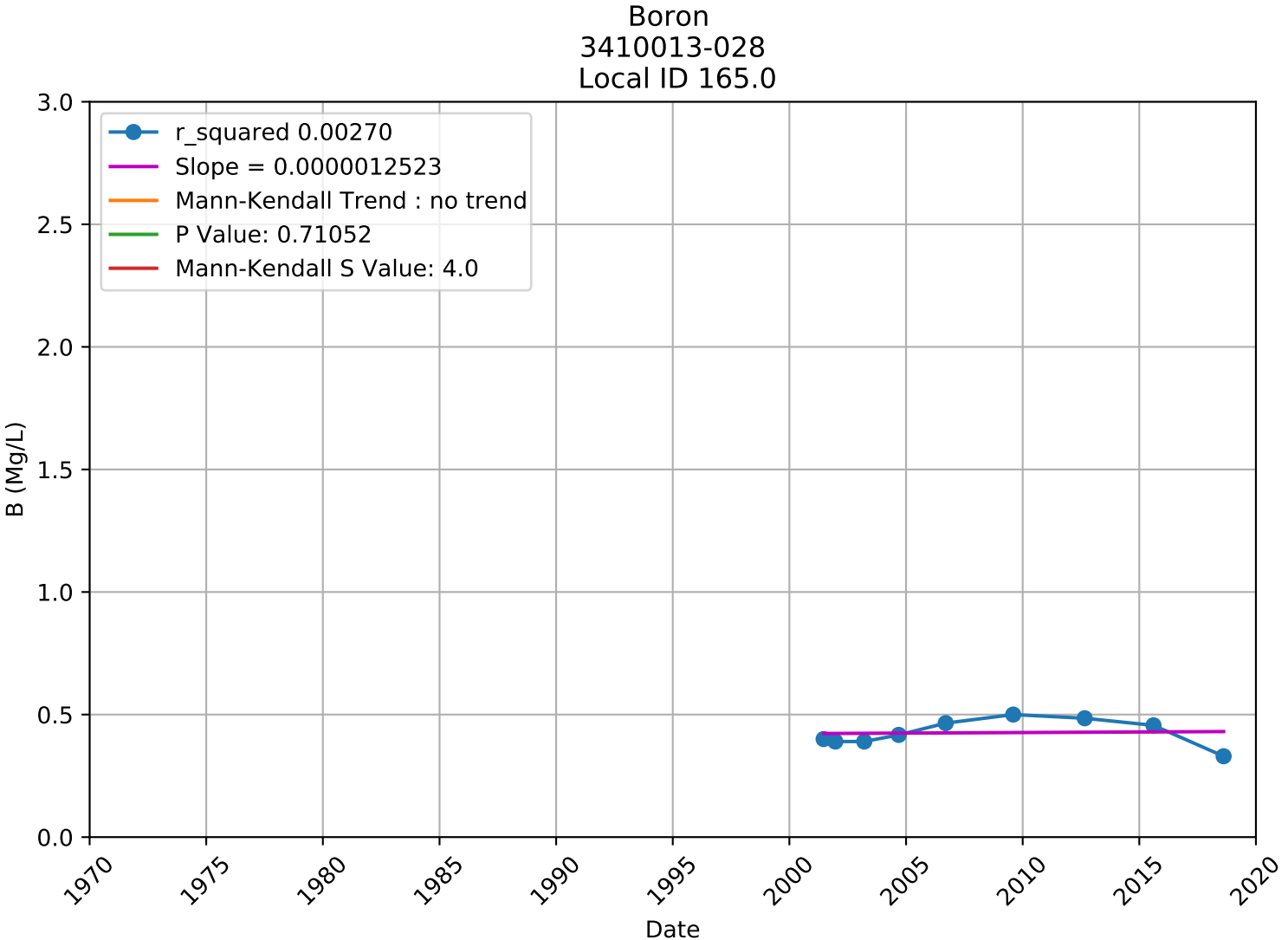

Boron
3410013-023
Local ID 189.0
r_squared 0.00914
Slope = -0.0000044289
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
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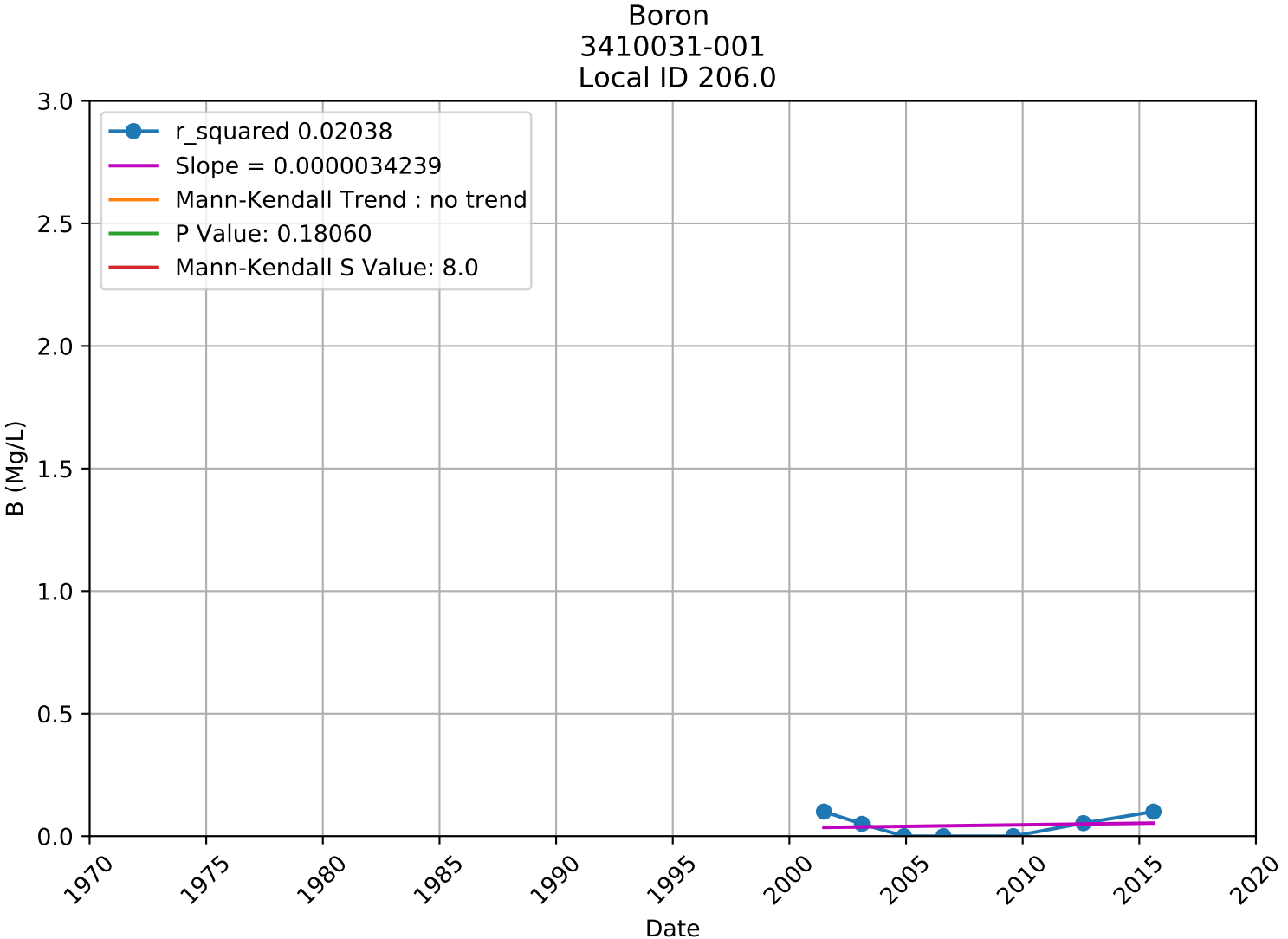

Boron
3410013-024
Local ID 66.0
r_squared 0.00009
Slope = 0.0000001791
Mann-Kendall Trend : no trend
P Value: 0.80002
Mann-Kendall S Value: 3.0
B (Mg/L)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
1975
1980
1985
1990
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2010
2015
2020
Date

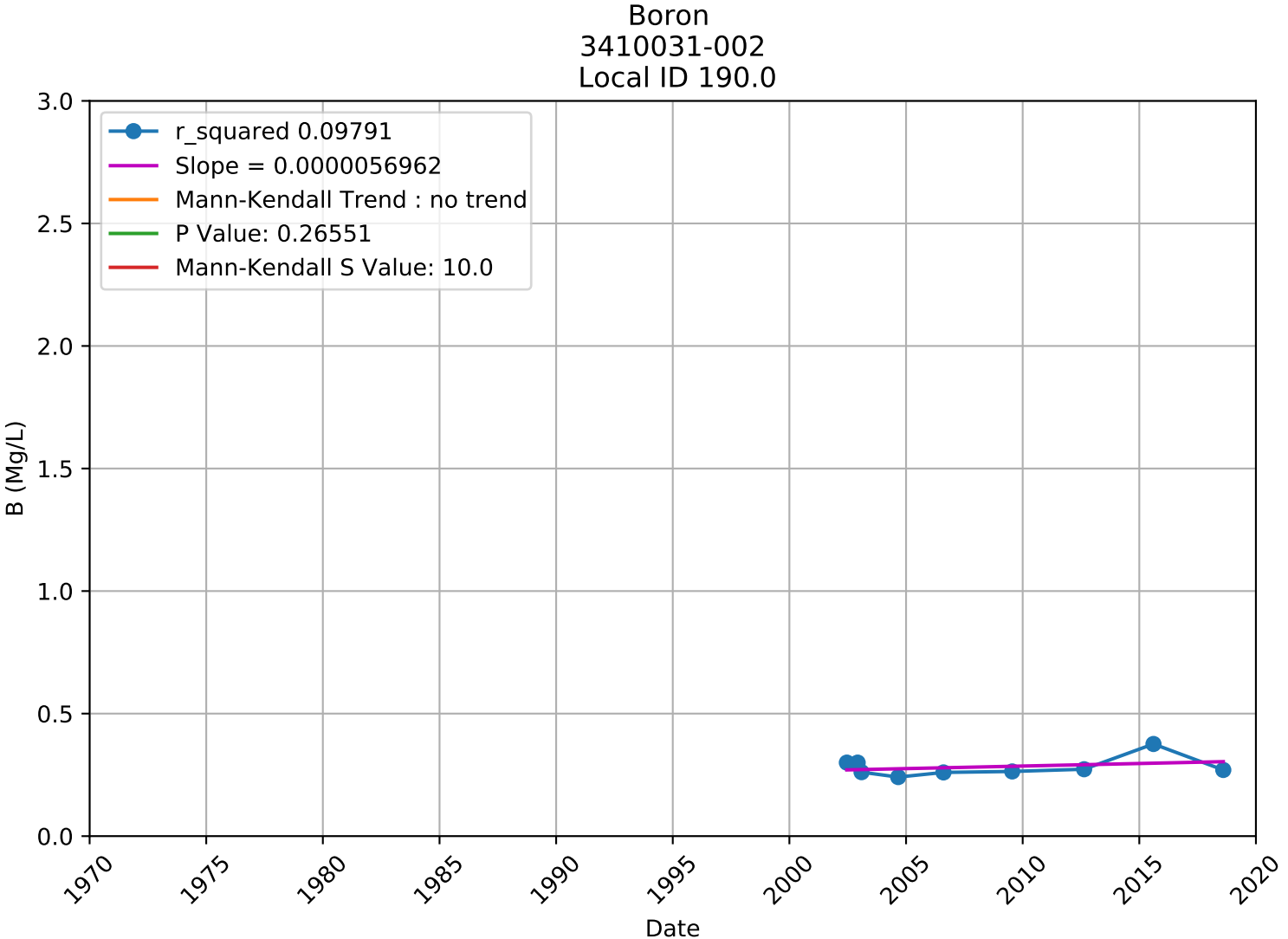

Boron
3410013-025
Local ID 220.0
r_squared 0.04558
Slope = 0.0000123366
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
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2010
2015
2020

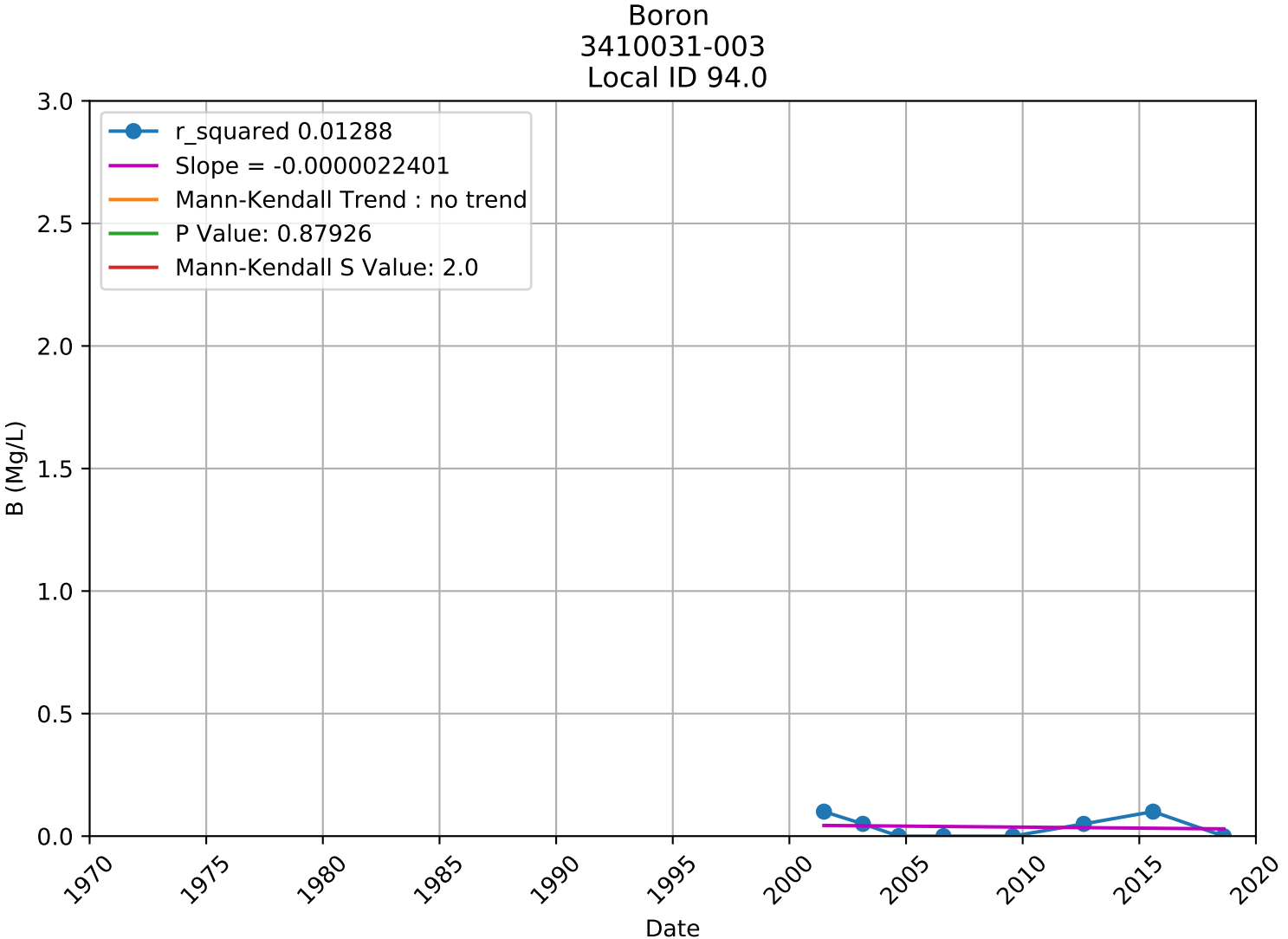

Boron
3410013-026
Local ID 188.0
r_squared 0.25600
Slope = -0.0000057389
Mann-Kendall Trend : no trend
P Value: 0.71052
Mann-Kendall S Value: -4.0
B (Mg/L)
Date
3.0
2.5
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1.0
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1970
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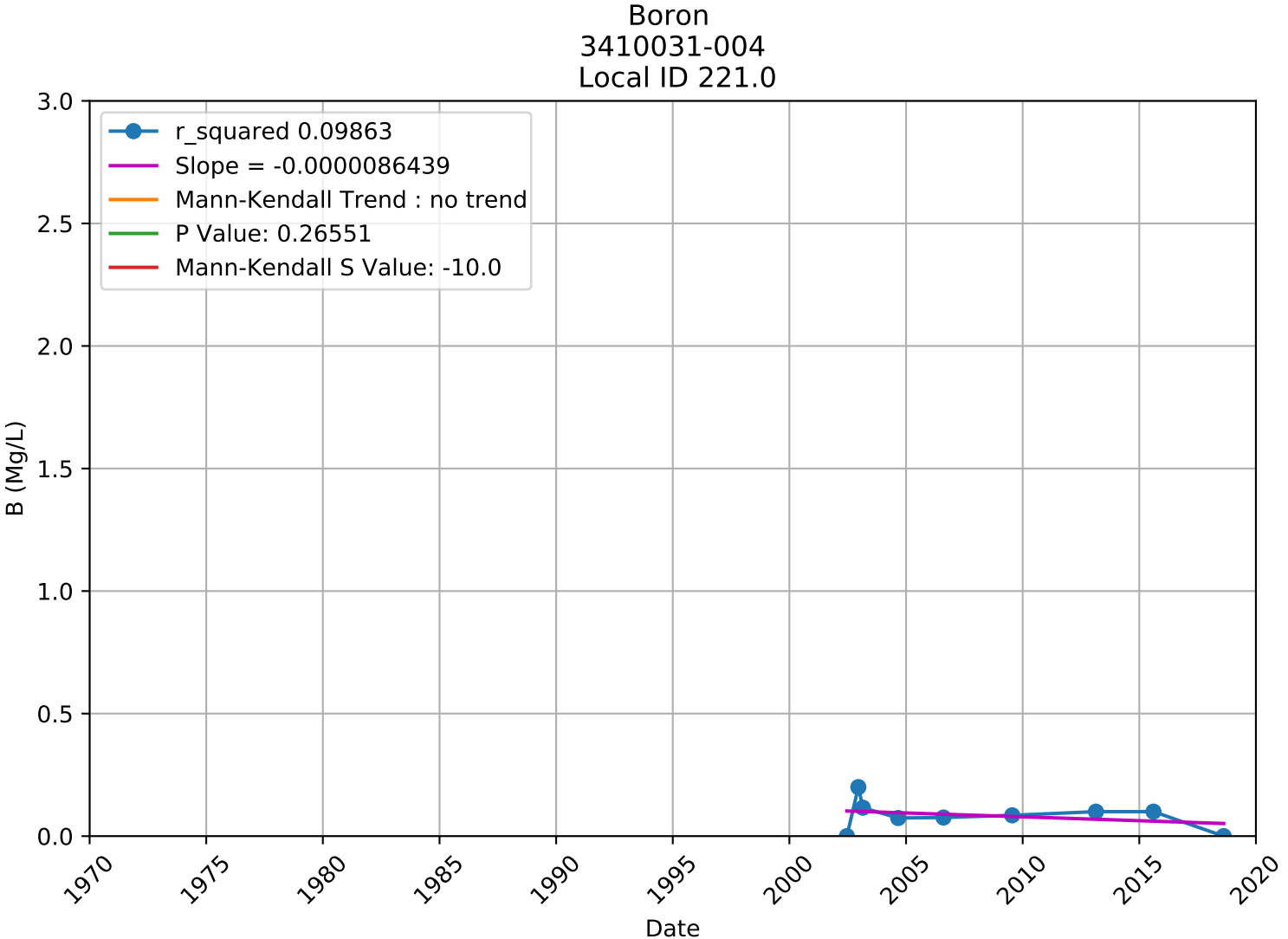

Boron
3410013-027
Local ID 119.0
r_squared 0.05073
Slope = -0.0000058032
Mann-Kendall Trend : no trend
P Value: 0.70711
Mann-Kendall S Value: 3.0
B (Mg/L)
Date
3.0
2.5
2.0
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1970
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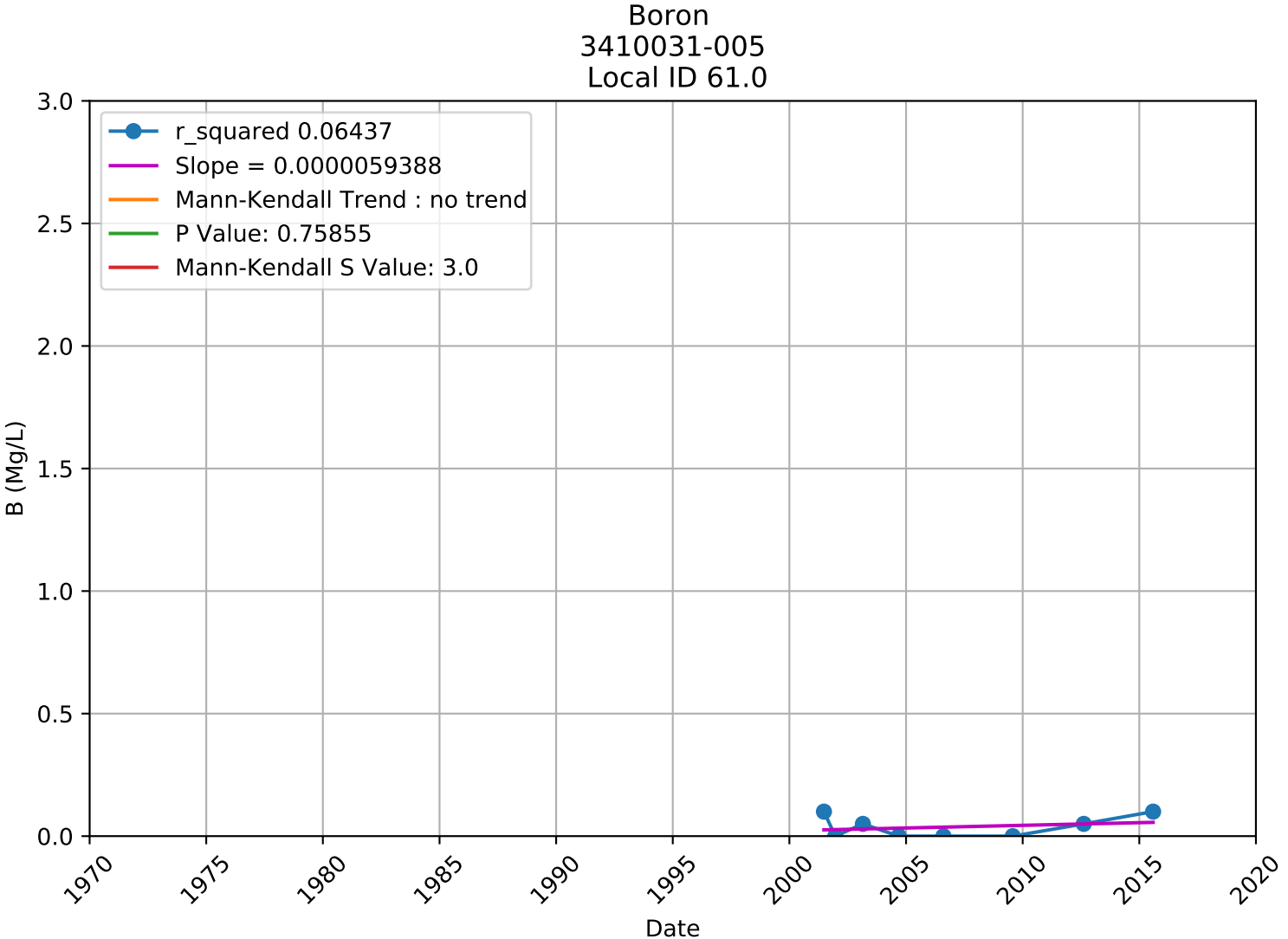

Boron
3410013-028
Local ID 165.0
r_squared 0.00270
Slope = 0.0000012523
Mann-Kendall Trend : no trend
P Value: 0.71052
Mann-Kendall S Value: 4.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
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1970
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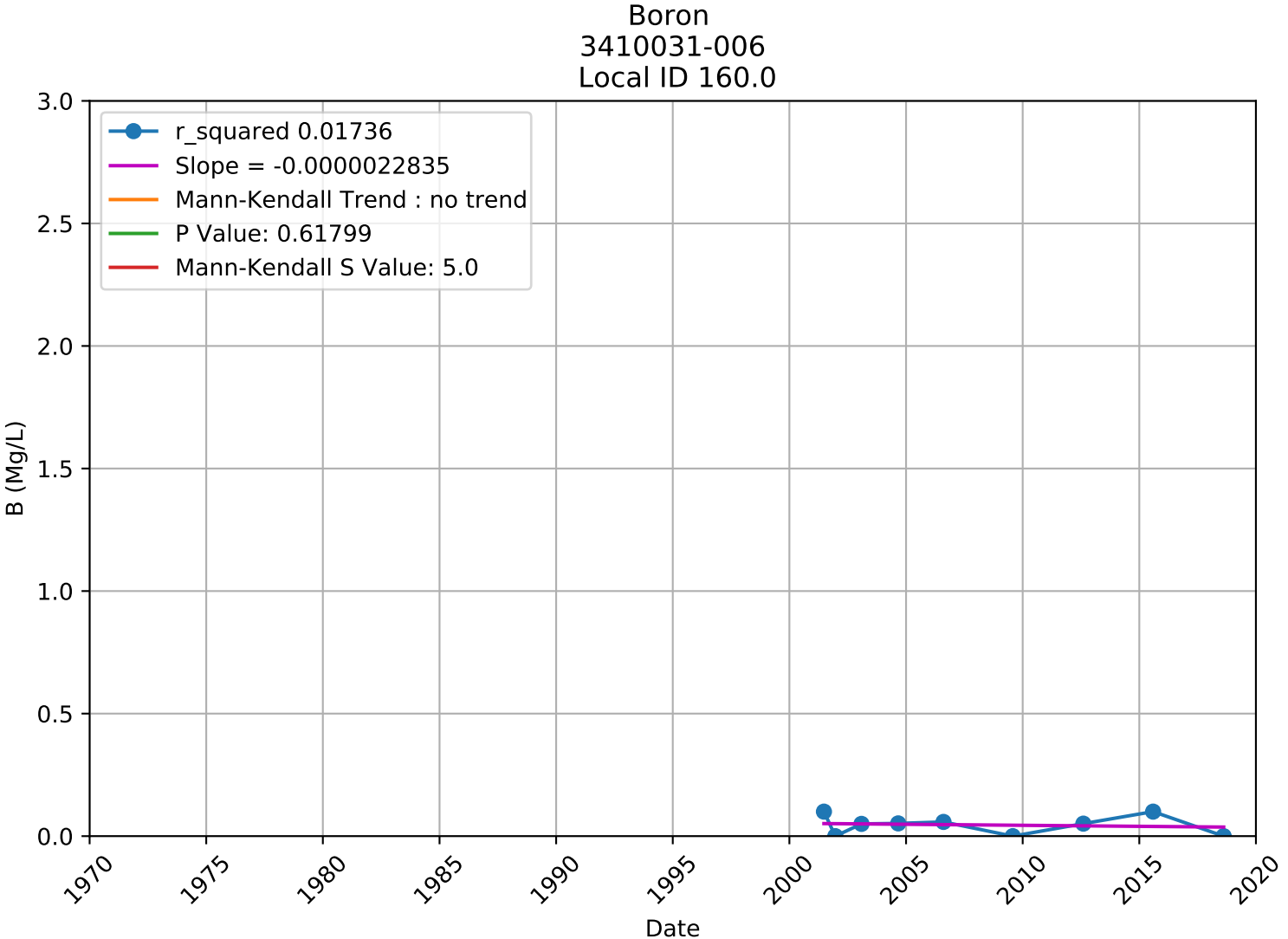

Boron
3410031-001
Local ID 206.0
r_squared 0.02038
Slope = 0.0000034239
Mann-Kendall Trend : no trend
P Value: 0.18060
Mann-Kendall S Value: 8.0
B (Mg/L)
Date
3.0
2.5
2.0
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1.0
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1970
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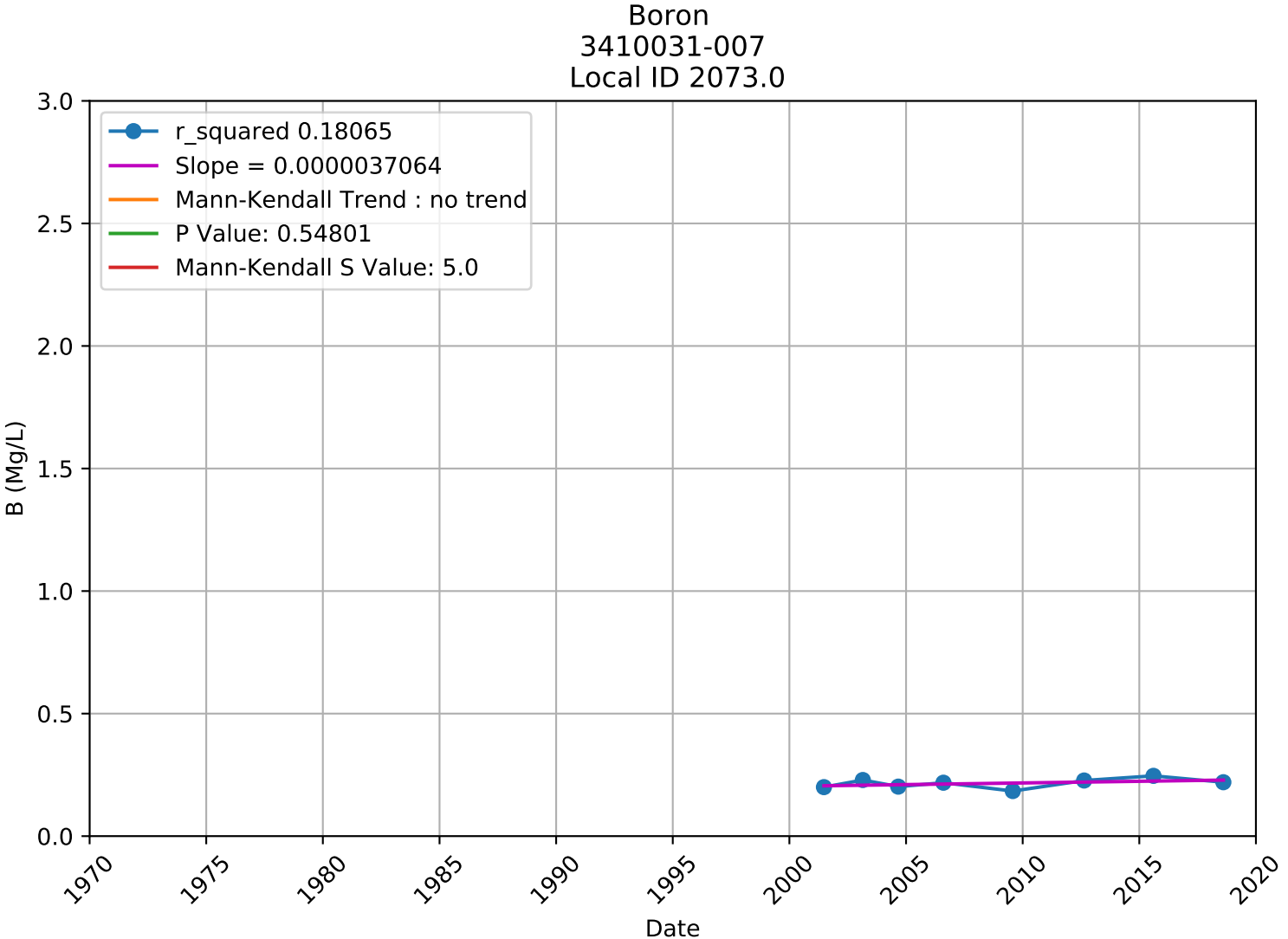

Boron
3410031-002
Local ID 190.0
r_squared 0.09791
Slope = 0.0000056962
Mann-Kendall Trend : no trend
P Value: 0.26551
Mann-Kendall S Value: 10.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
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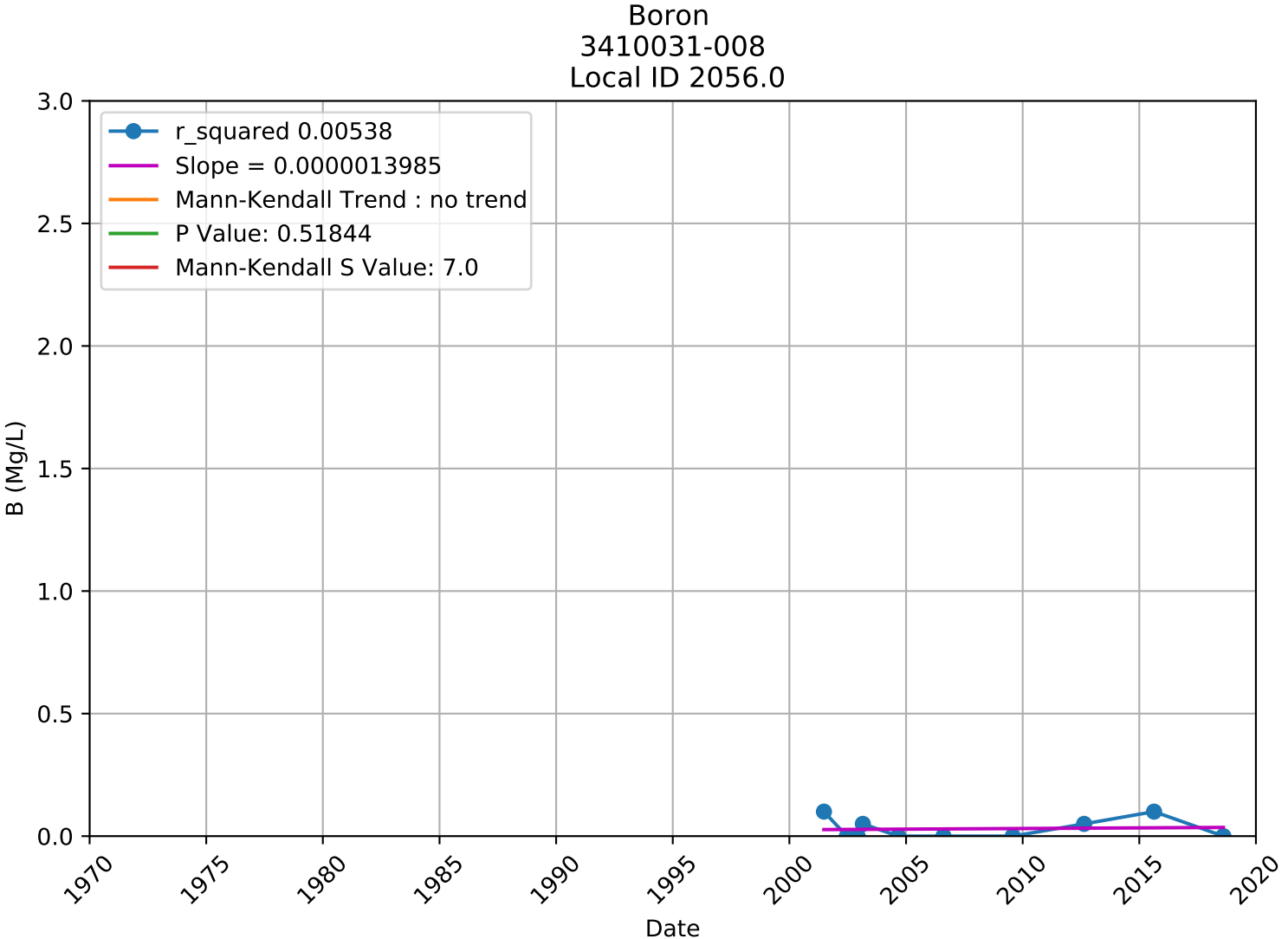

Boron
3410031-003
Local ID 94.0
r_squared 0.01288
Slope = -0.0000022401
Mann-Kendall Trend : no trend
P Value: 0.87926
Mann-Kendall S Value: 2.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
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1970
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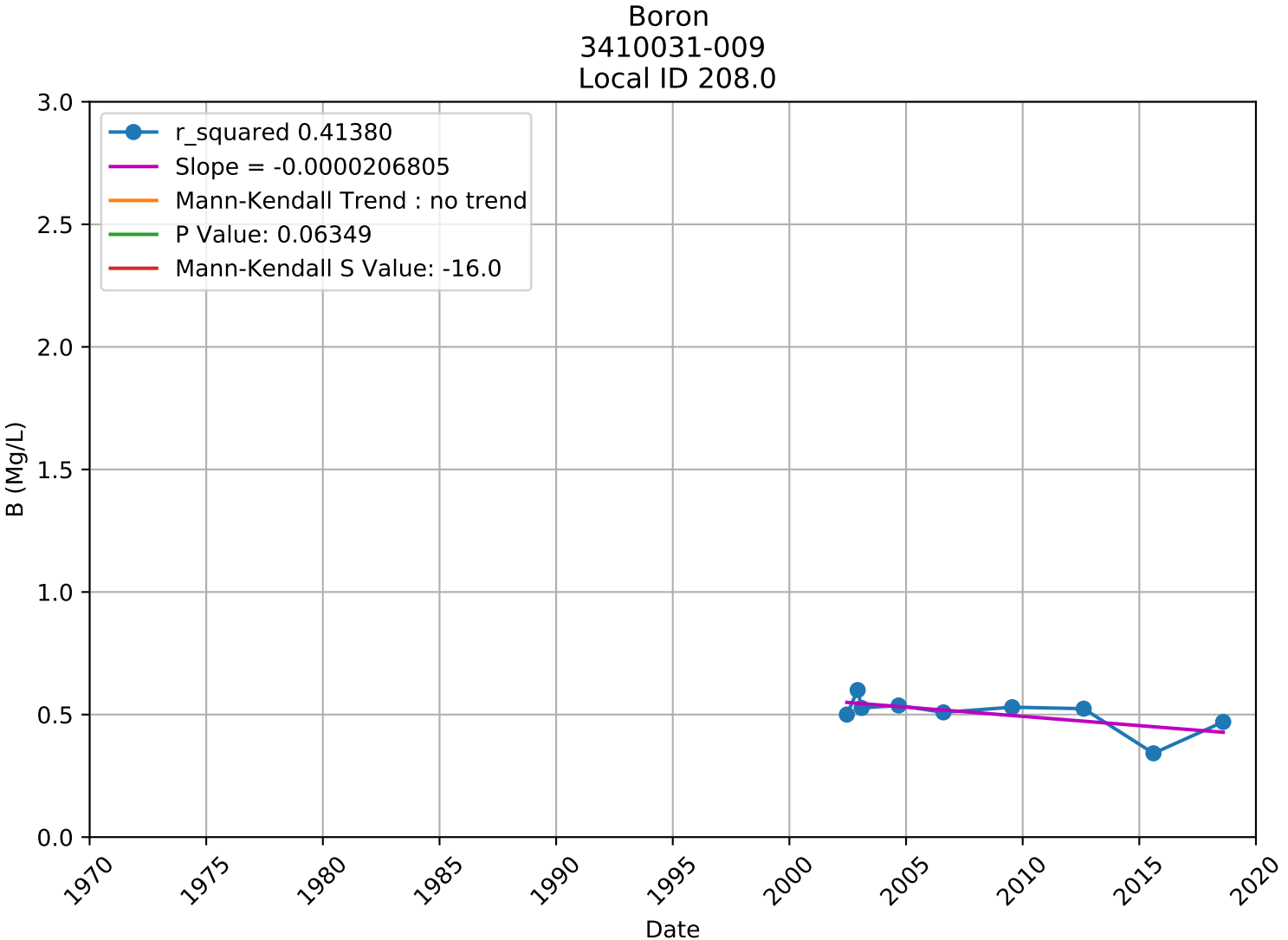

Boron
3410031-004
Local ID 221.0
r_squared 0.09863
Slope = -0.0000086439
Mann-Kendall Trend : no trend
P Value: 0.26551
Mann-Kendall S Value: -10.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
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1970
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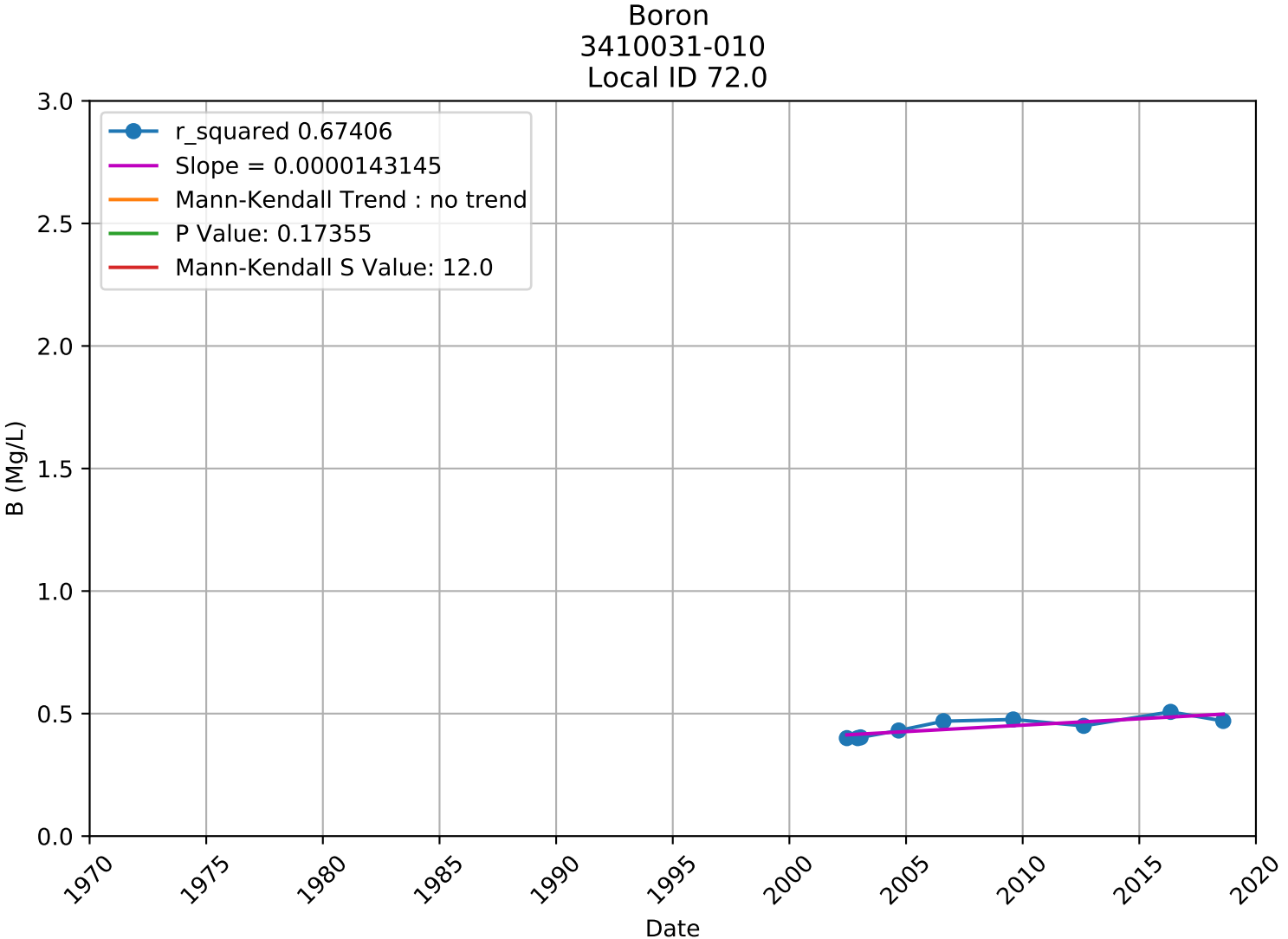

Boron
3410031-005
Local ID 61.0
r_squared 0.06437
Slope = 0.0000059388
Mann-Kendall Trend : no trend
P Value: 0.75855
Mann-Kendall S Value: 3.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
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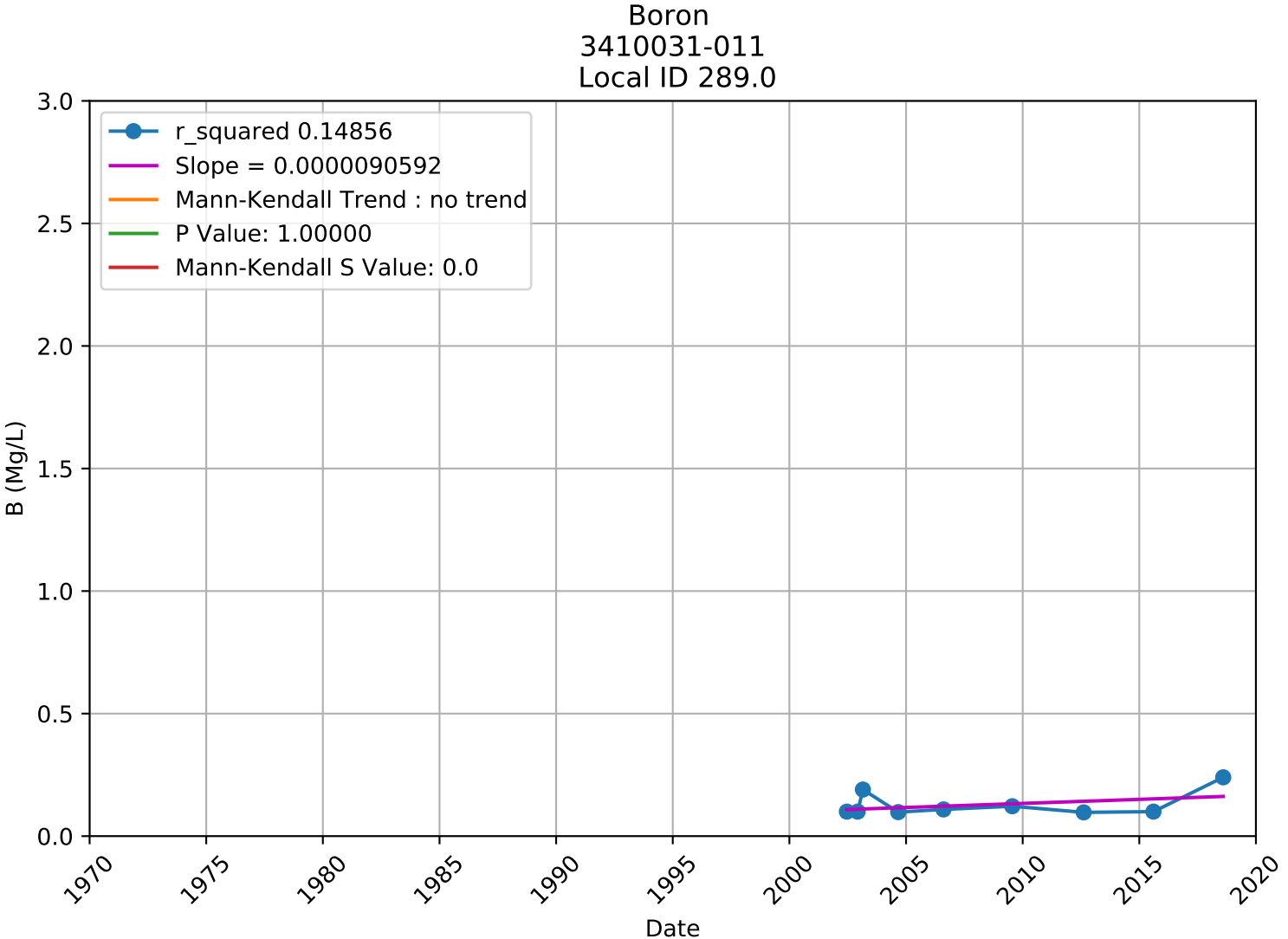

Boron
3410031-006
Local ID 160.0
r_squared 0.01736
Slope = -0.0000022835
Mann-Kendall Trend : no trend
P Value: 0.61799
Mann-Kendall S Value: 5.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
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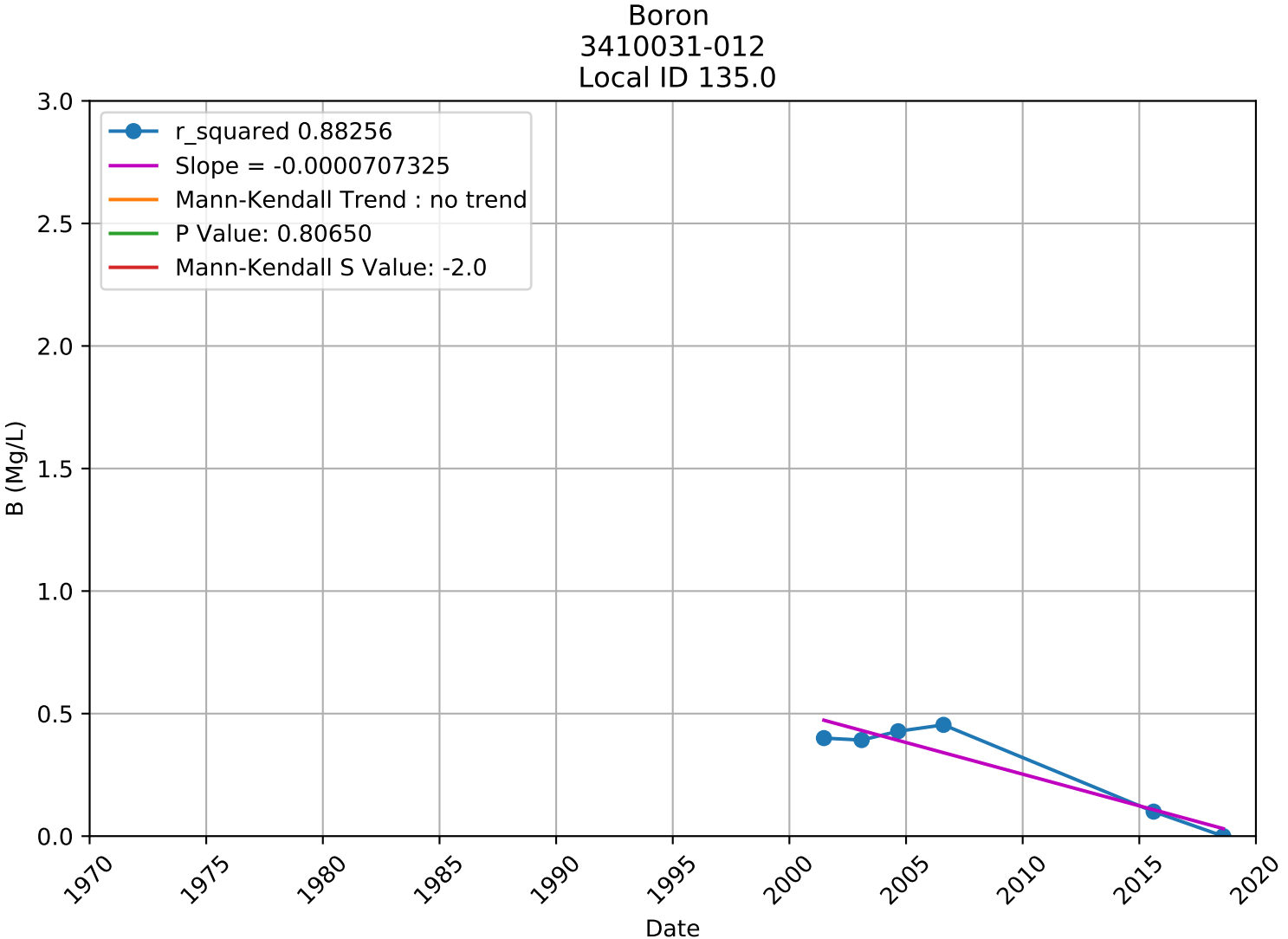

Boron
3410031-007
Local ID 2073.0
r_squared 0.18065
Slope = 0.0000037064
Mann-Kendall Trend : no trend
P Value: 0.54801
Mann-Kendall S Value: 5.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
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1970
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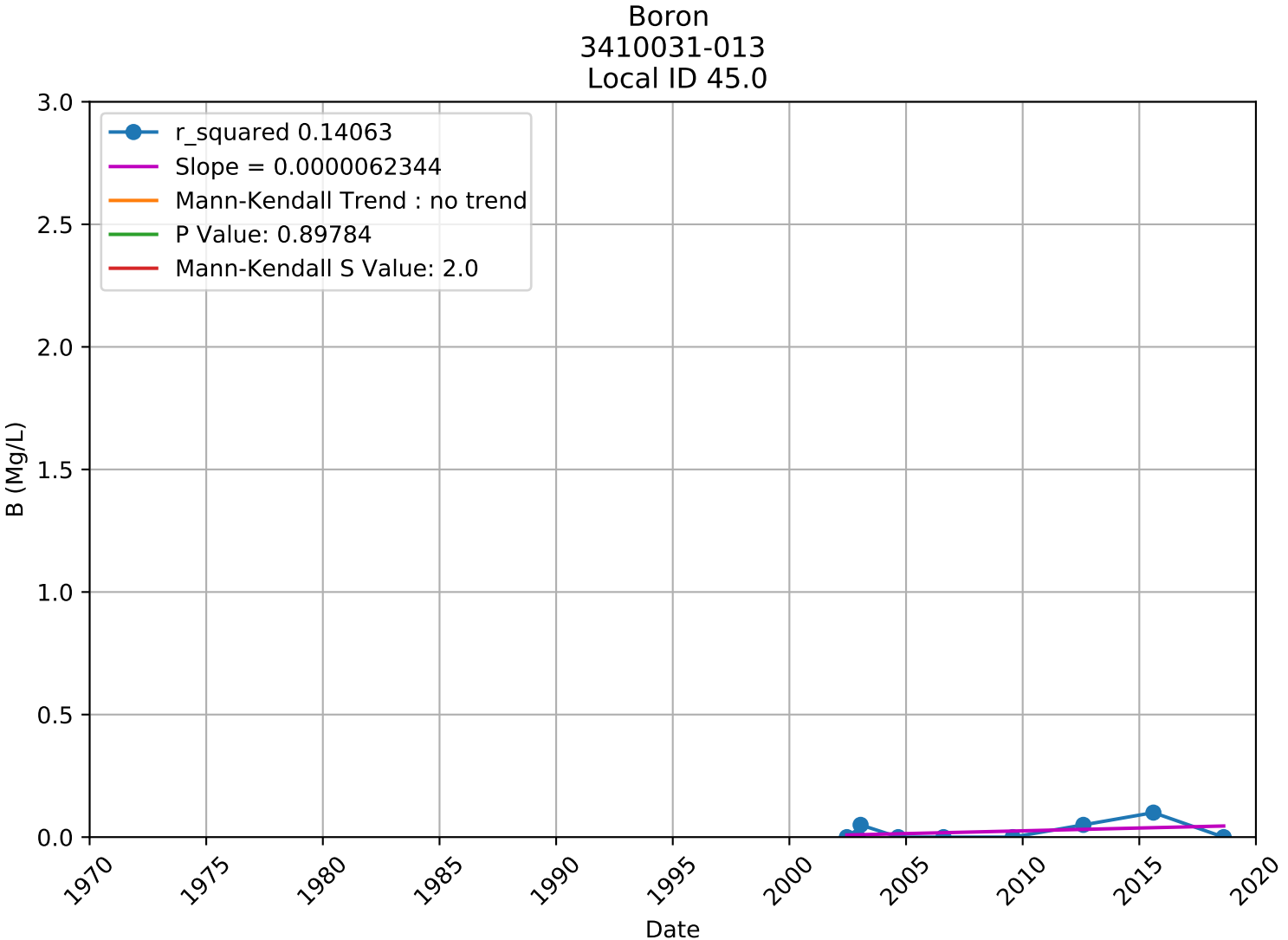

Boron
3410031-008
Local ID 2056.0
r_squared 0.00538
Slope = 0.0000013985
Mann-Kendall Trend : no trend
P Value: 0.51844
Mann-Kendall S Value: 7.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
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1970
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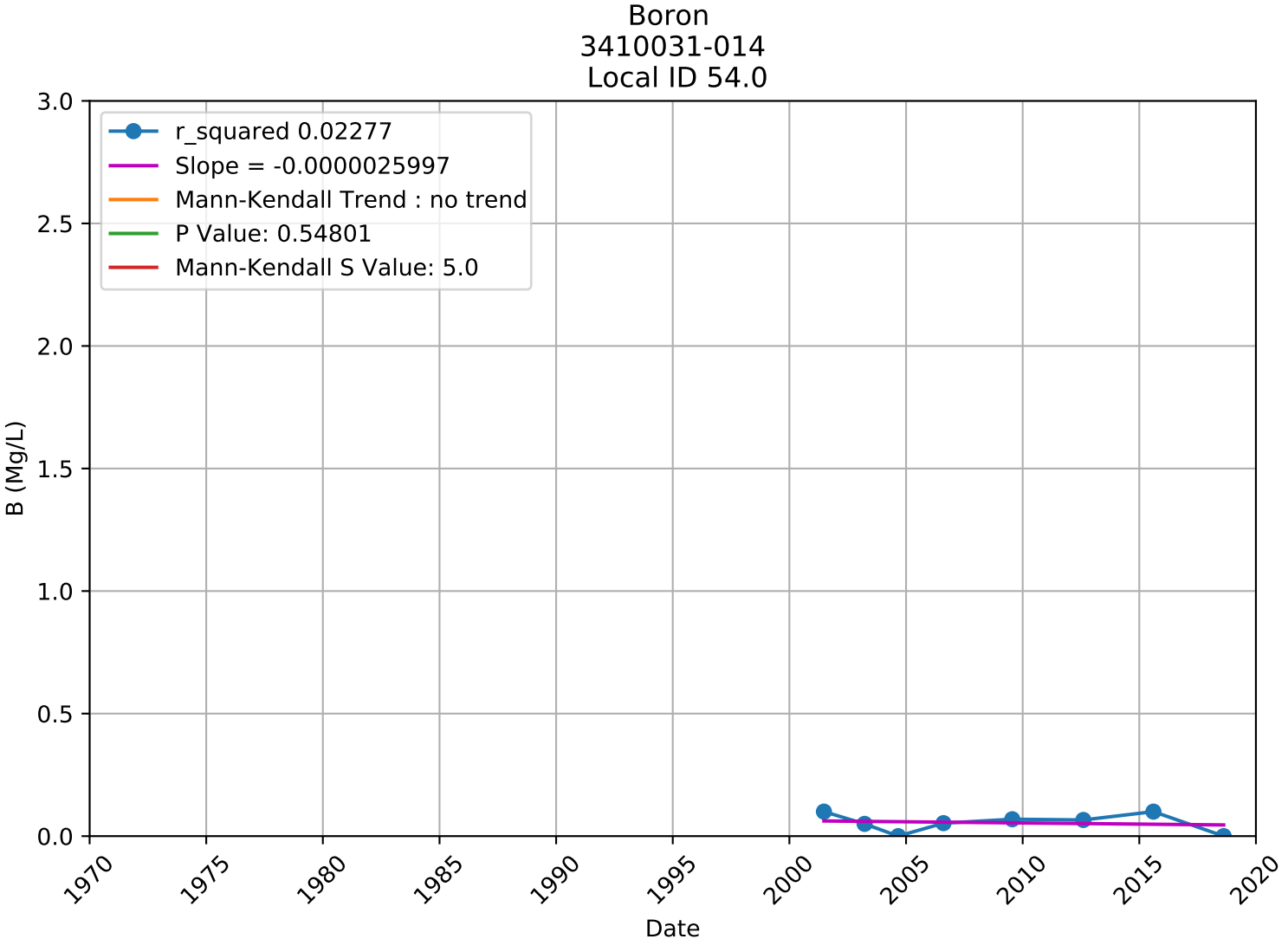

Boron
3410031-009
Local ID 208.0
r_squared 0.41380
Slope = -0.0000206805
Mann-Kendall Trend : no trend
P Value: 0.06349
Mann-Kendall S Value: -16.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
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1970
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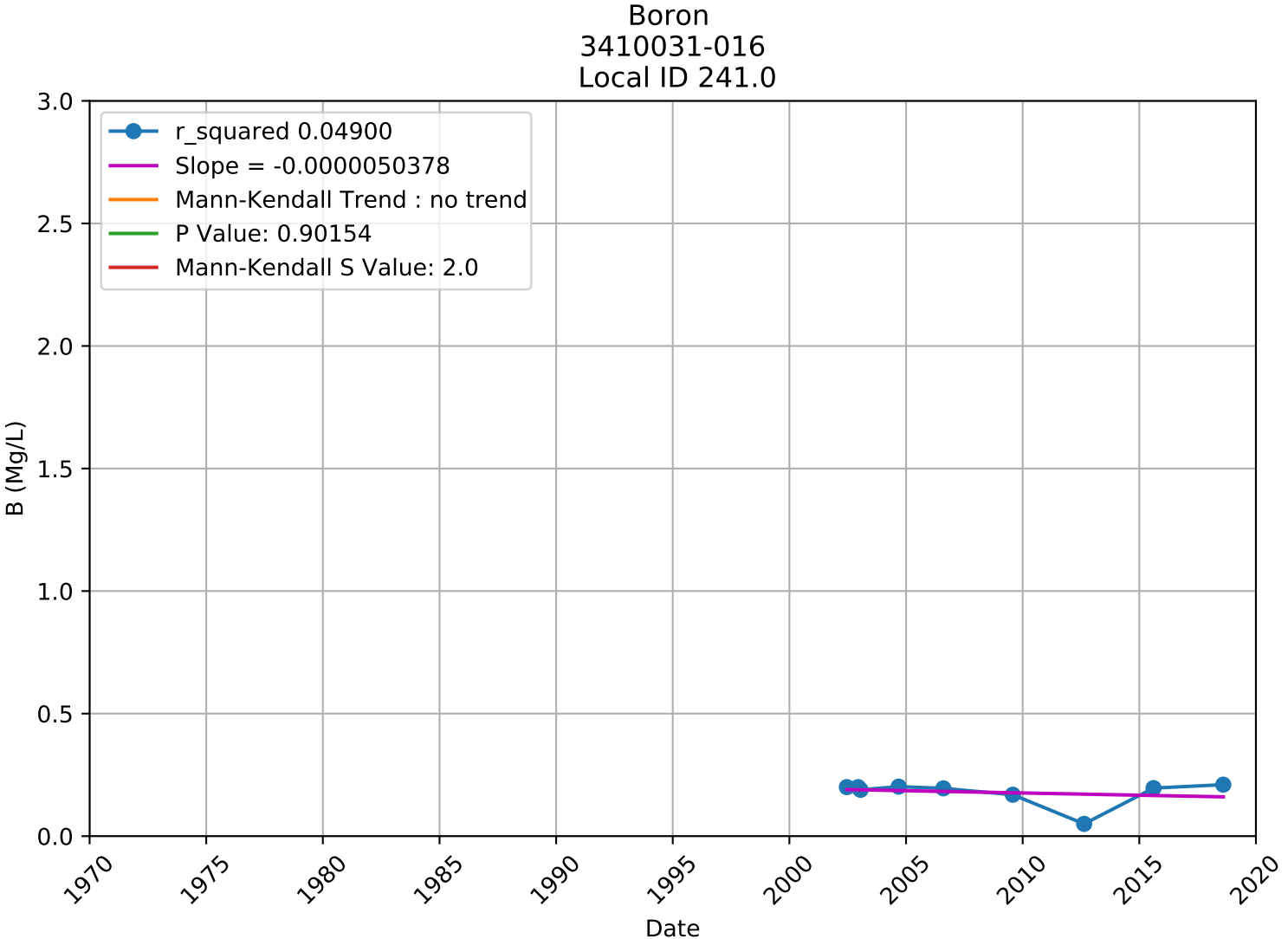

Boron
3410031-010
Local ID 72.0
r_squared 0.67406
Slope = 0.0000143145
Mann-Kendall Trend : no trend
P Value: 0.17355
Mann-Kendall S Value: 12.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
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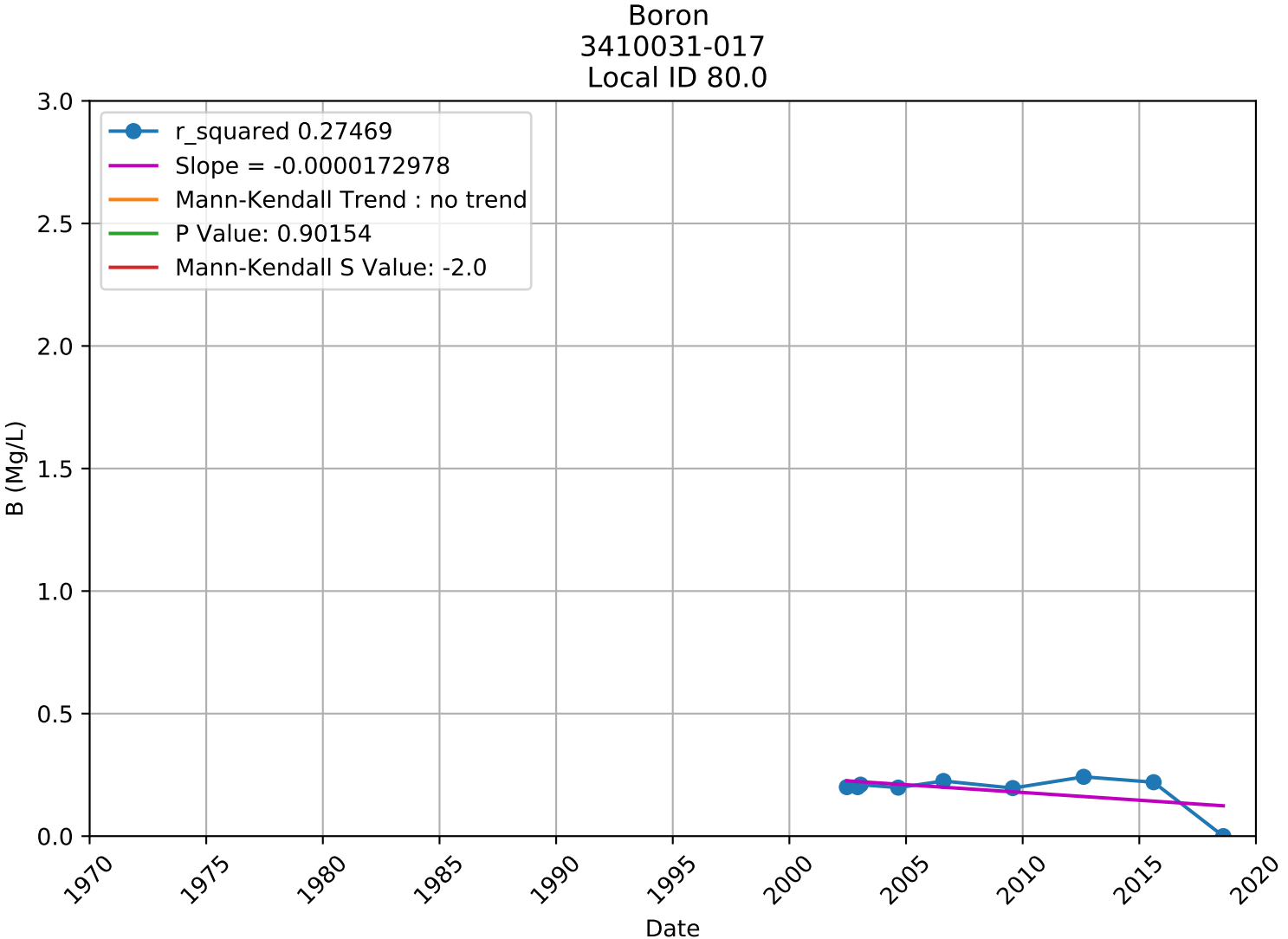

Boron
3410031-011
Local ID 289.0
r_squared 0.14856
Slope = 0.0000090592
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
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1970
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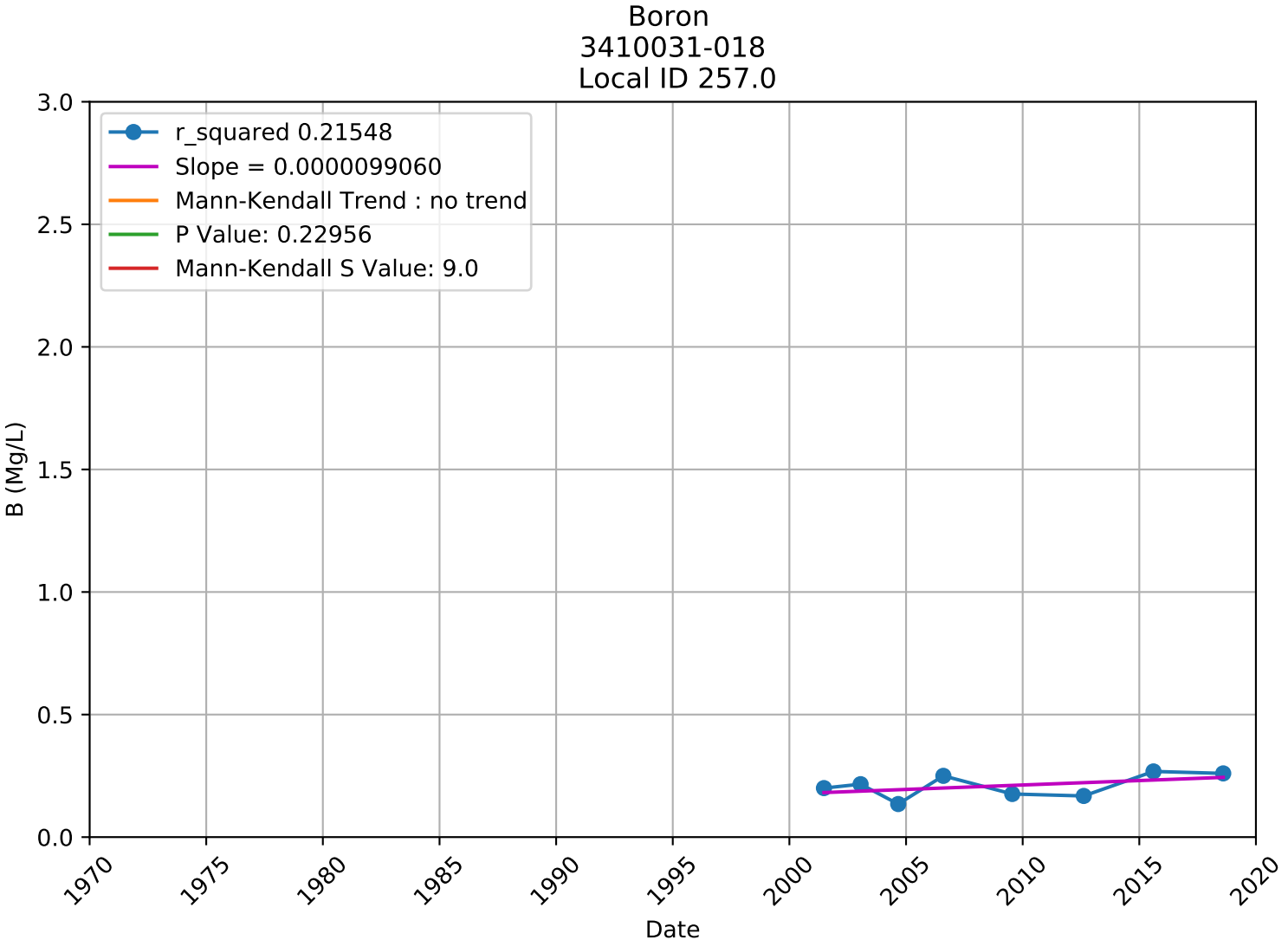

Boron
3410031-012
Local ID 135.0
r_squared 0.88256
Slope = -0.0000707325
Mann-Kendall Trend : no trend
P Value: 0.80650
Mann-Kendall S Value: -2.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
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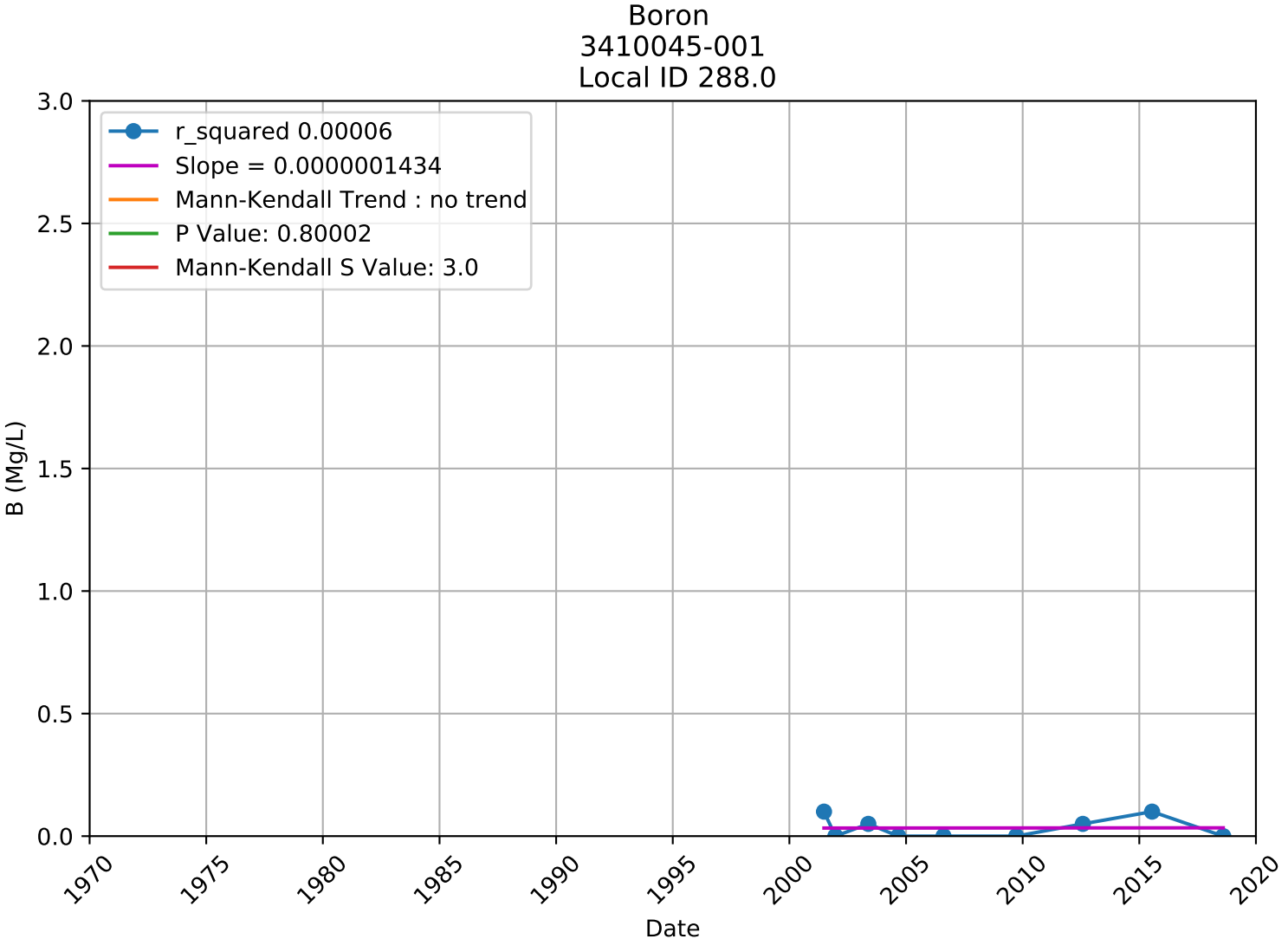

Boron
3410031-013
Local ID 45.0
r_squared 0.14063
Slope = 0.0000062344
Mann-Kendall Trend : no trend
P Value: 0.89784
Mann-Kendall S Value: 2.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
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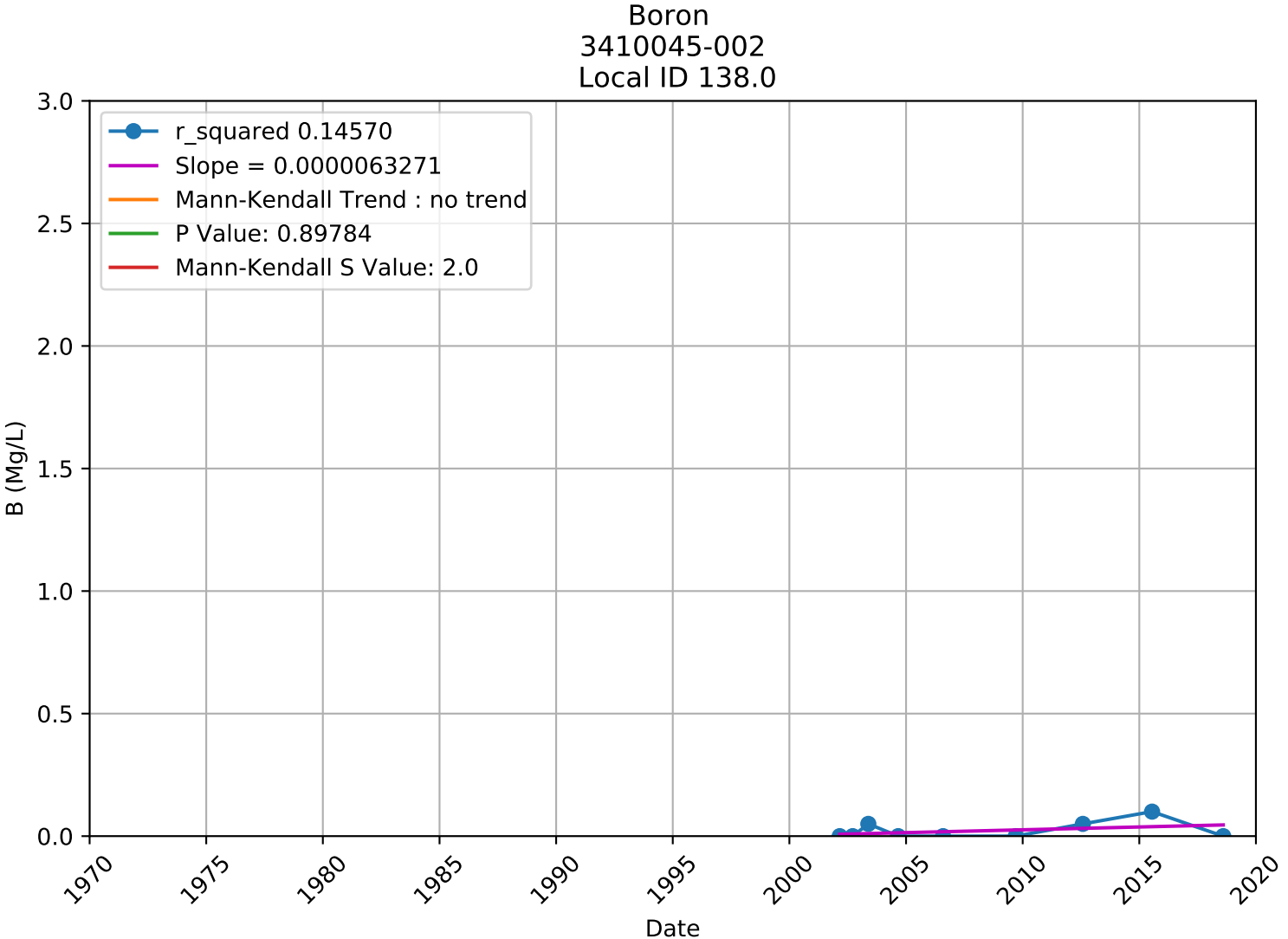

Boron
3410031-014
Local ID 54.0
r_squared 0.02277
Slope = -0.0000025997
Mann-Kendall Trend : no trend
P Value: 0.54801
Mann-Kendall S Value: 5.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
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1970
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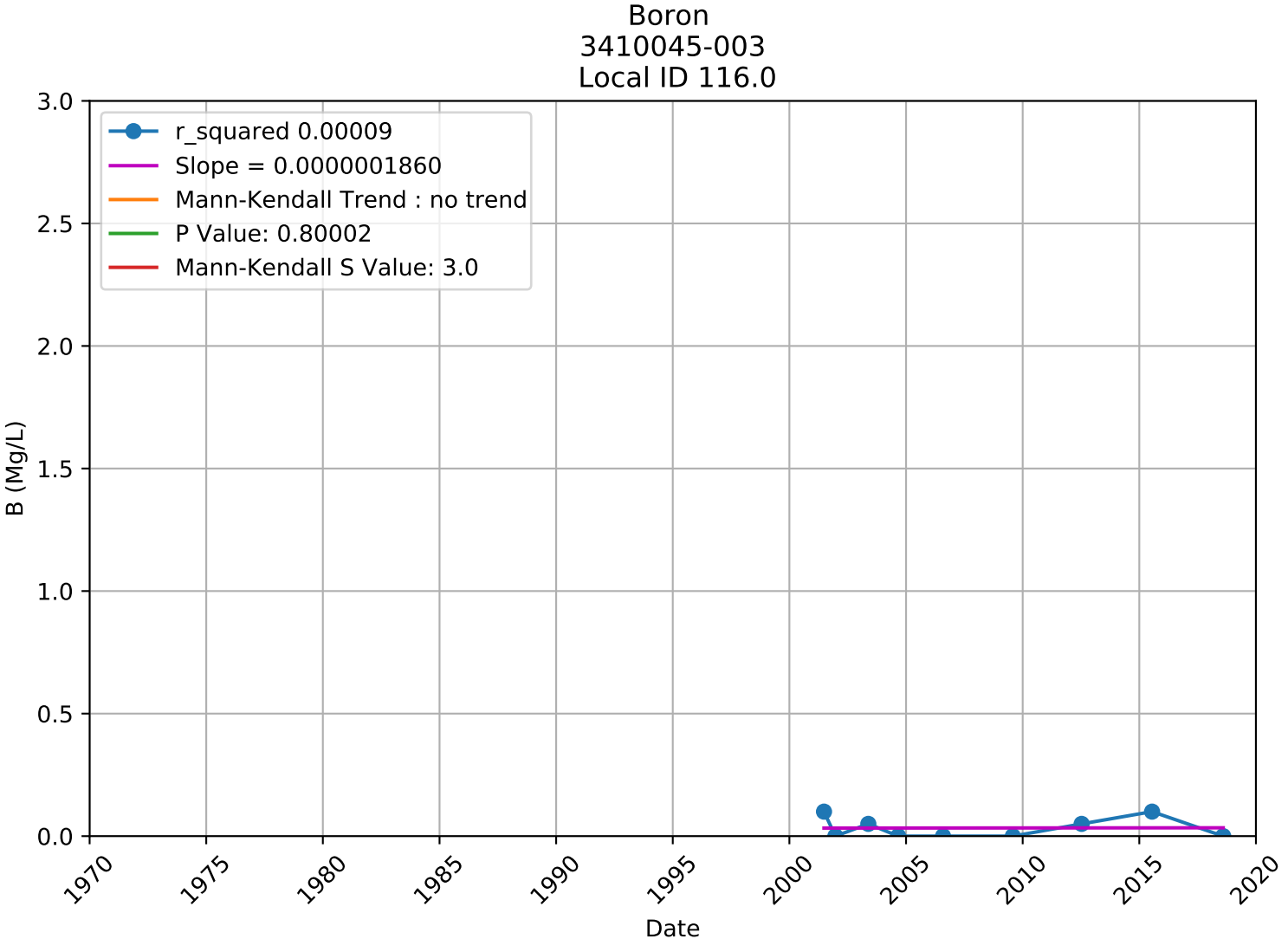

Boron
3410031-016
Local ID 241.0
r_squared 0.04900
Slope = -0.0000050378
Mann-Kendall Trend : no trend
P Value: 0.90154
Mann-Kendall S Value: 2.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
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1970
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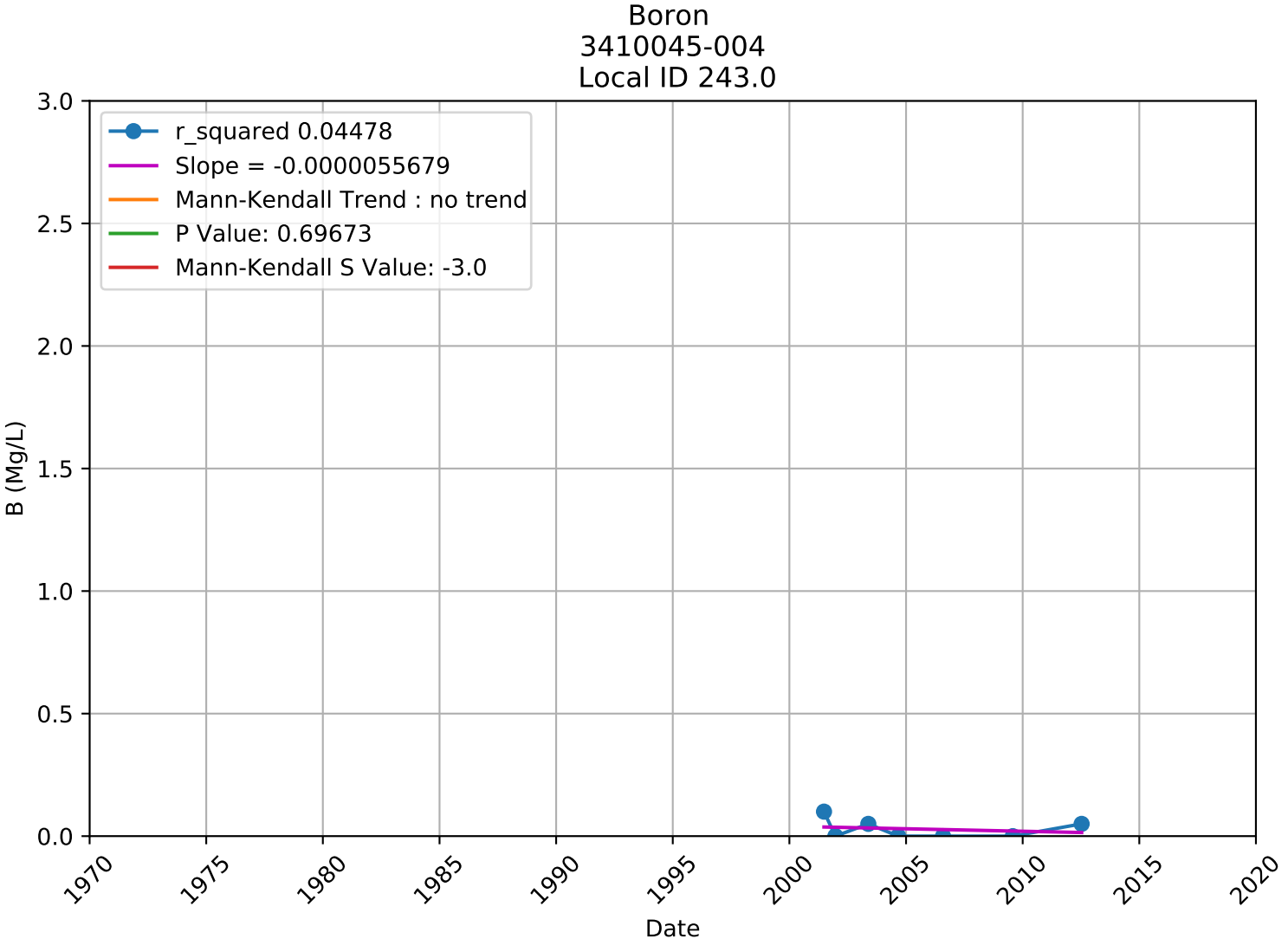

Boron
3410031-017
Local ID 80.0
r_squared 0.27469
Slope = -0.0000172978
Mann-Kendall Trend : no trend
P Value: 0.90154
Mann-Kendall S Value: -2.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
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1970
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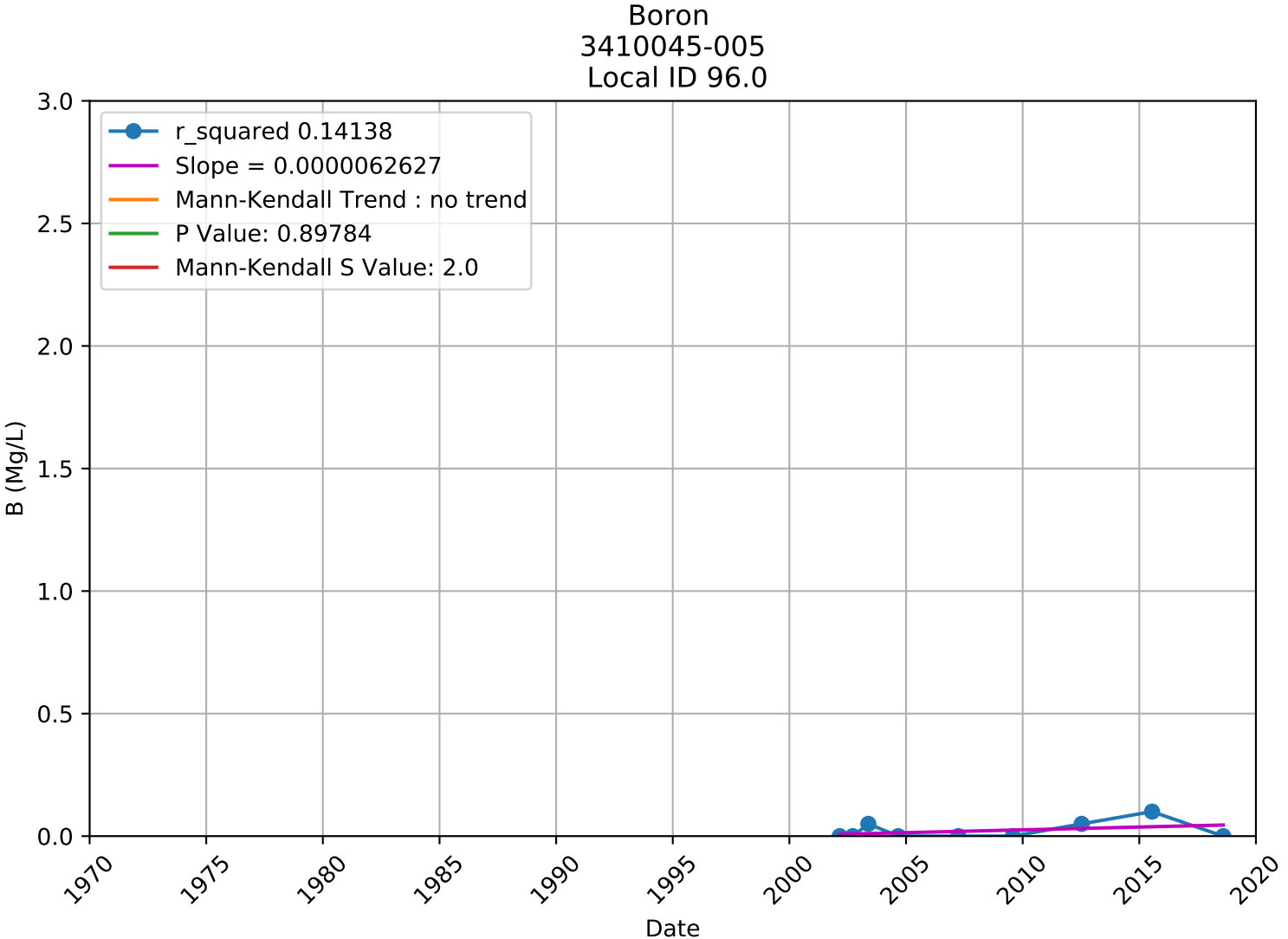

Boron
3410031-018
Local ID 257.0
r_squared 0.21548
Slope = 0.0000099060
Mann-Kendall Trend : no trend
P Value: 0.22956
Mann-Kendall S Value: 9.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
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0.0
1970
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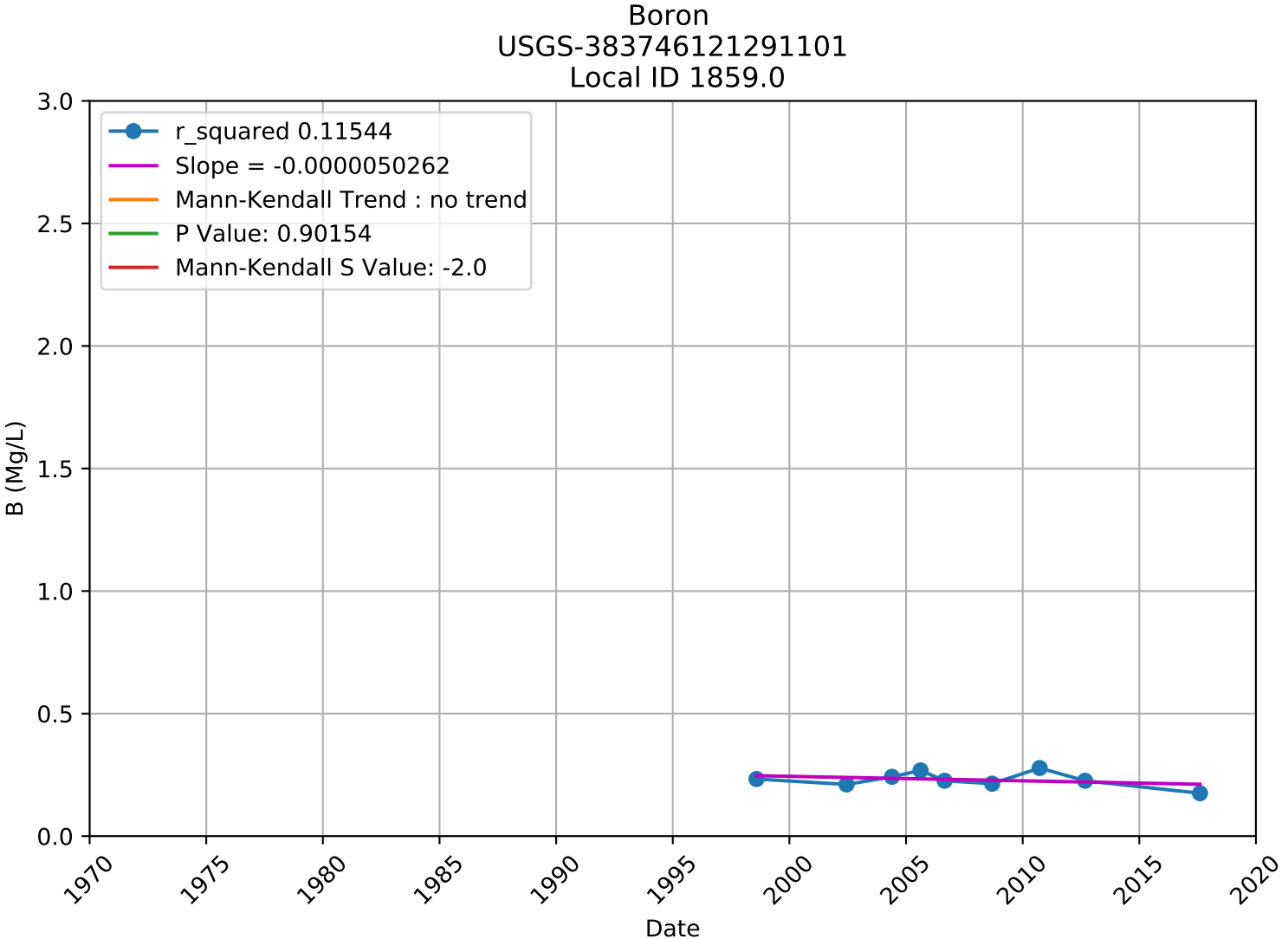

Boron
3410045-001
Local ID 288.0
r_squared 0.00006
Slope = 0.0000001434
Mann-Kendall Trend : no trend
P Value: 0.80002
Mann-Kendall S Value: 3.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
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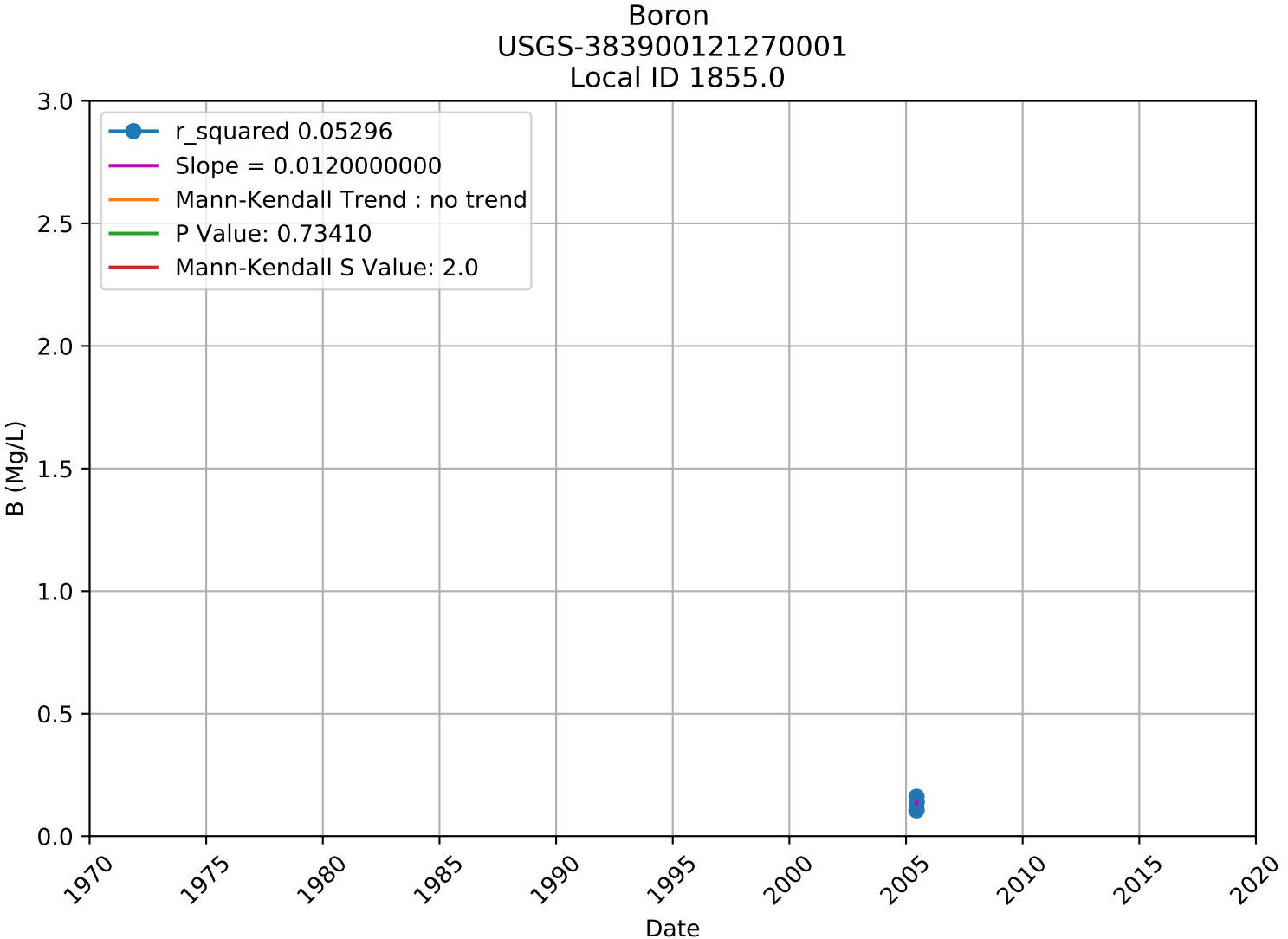

Boron
3410045-002
Local ID 138.0
r_squared 0.14570
Slope = 0.0000063271
Mann-Kendall Trend : no trend
P Value: 0.89784
Mann-Kendall S Value: 2.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
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1970
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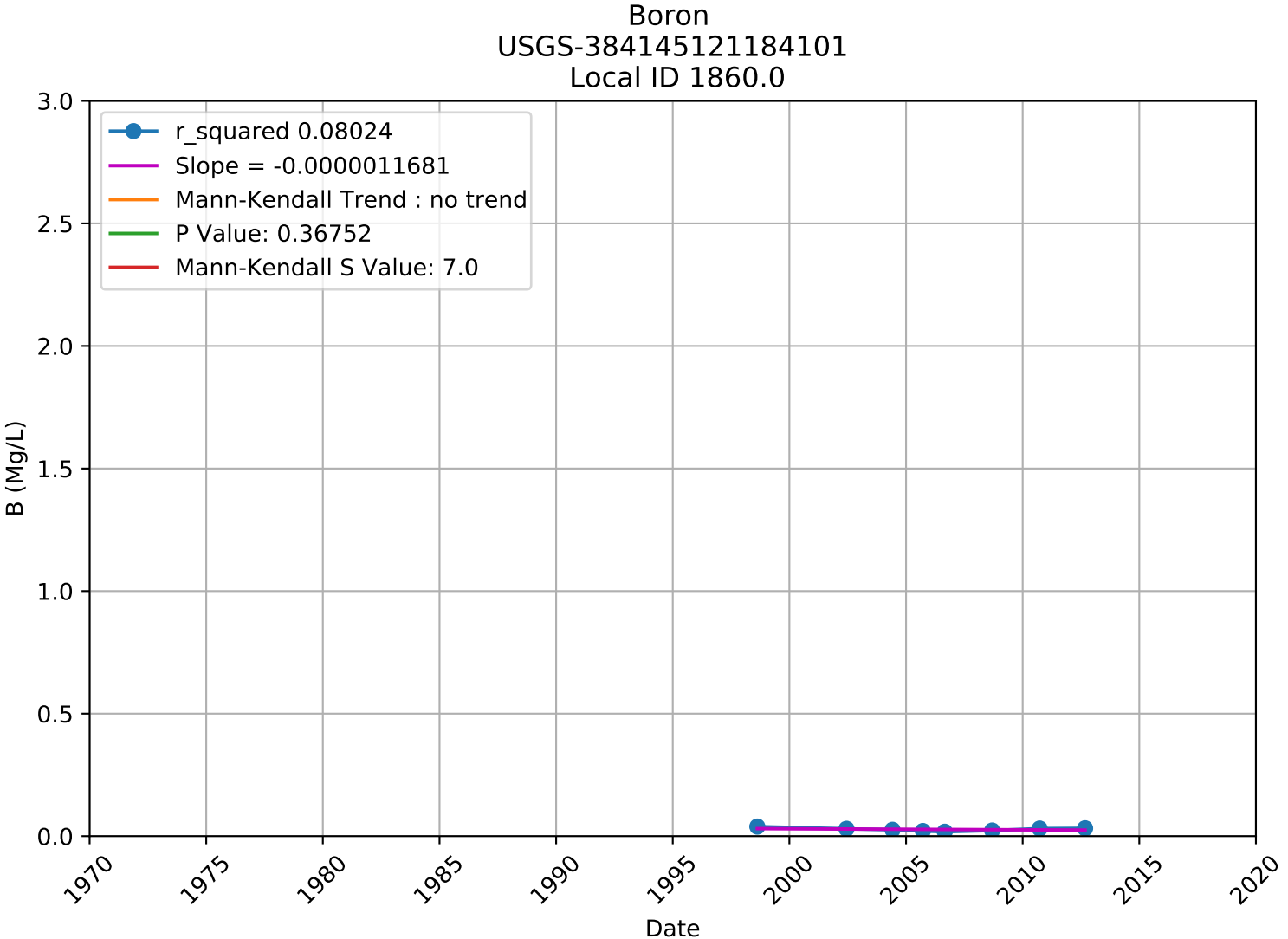

Boron
3410045-003
Local ID 116.0
r_squared 0.00009
Slope = 0.0000001860
Mann-Kendall Trend : no trend
P Value: 0.80002
Mann-Kendall S Value: 3.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
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1970
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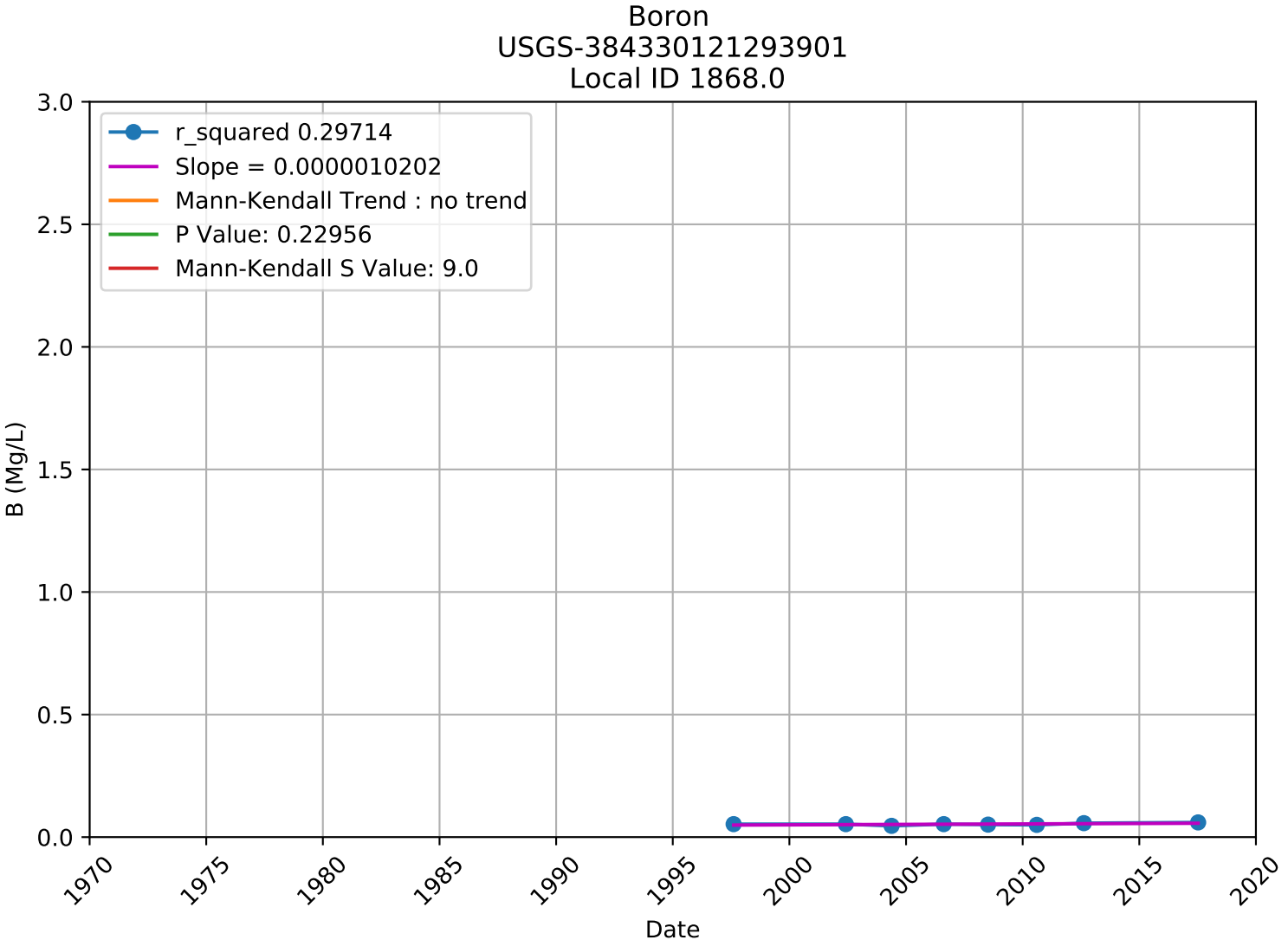

Boron
3410045-004
Local ID 243.0
r_squared 0.04478
Slope = -0.0000055679
Mann-Kendall Trend : no trend
P Value: 0.69673
Mann-Kendall S Value: -3.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
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1970
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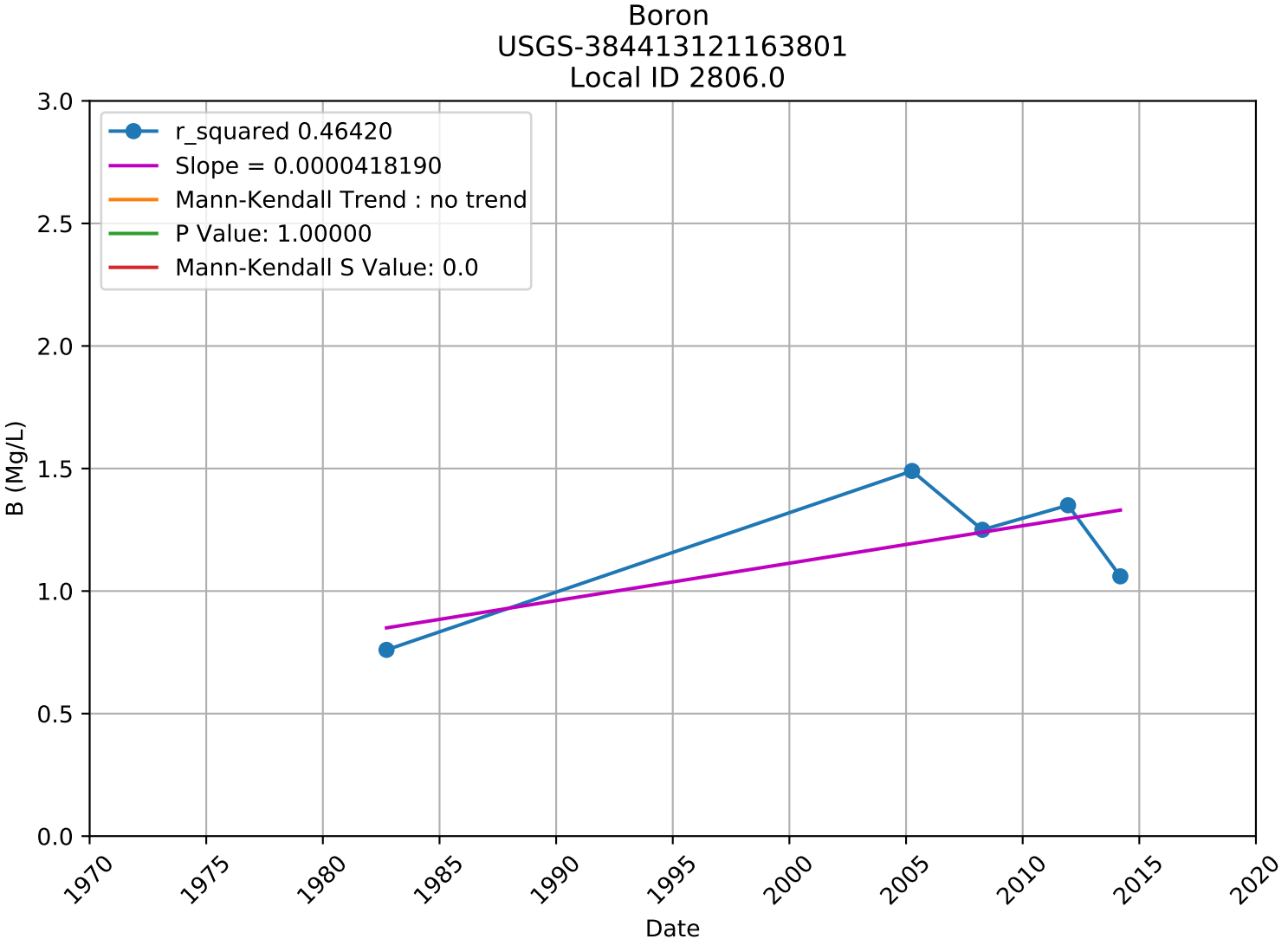

Boron
3410045-005
Local ID 96.0
r_squared 0.14138
Slope = 0.0000062627
Mann-Kendall Trend : no trend
P Value: 0.89784
Mann-Kendall S Value: 2.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
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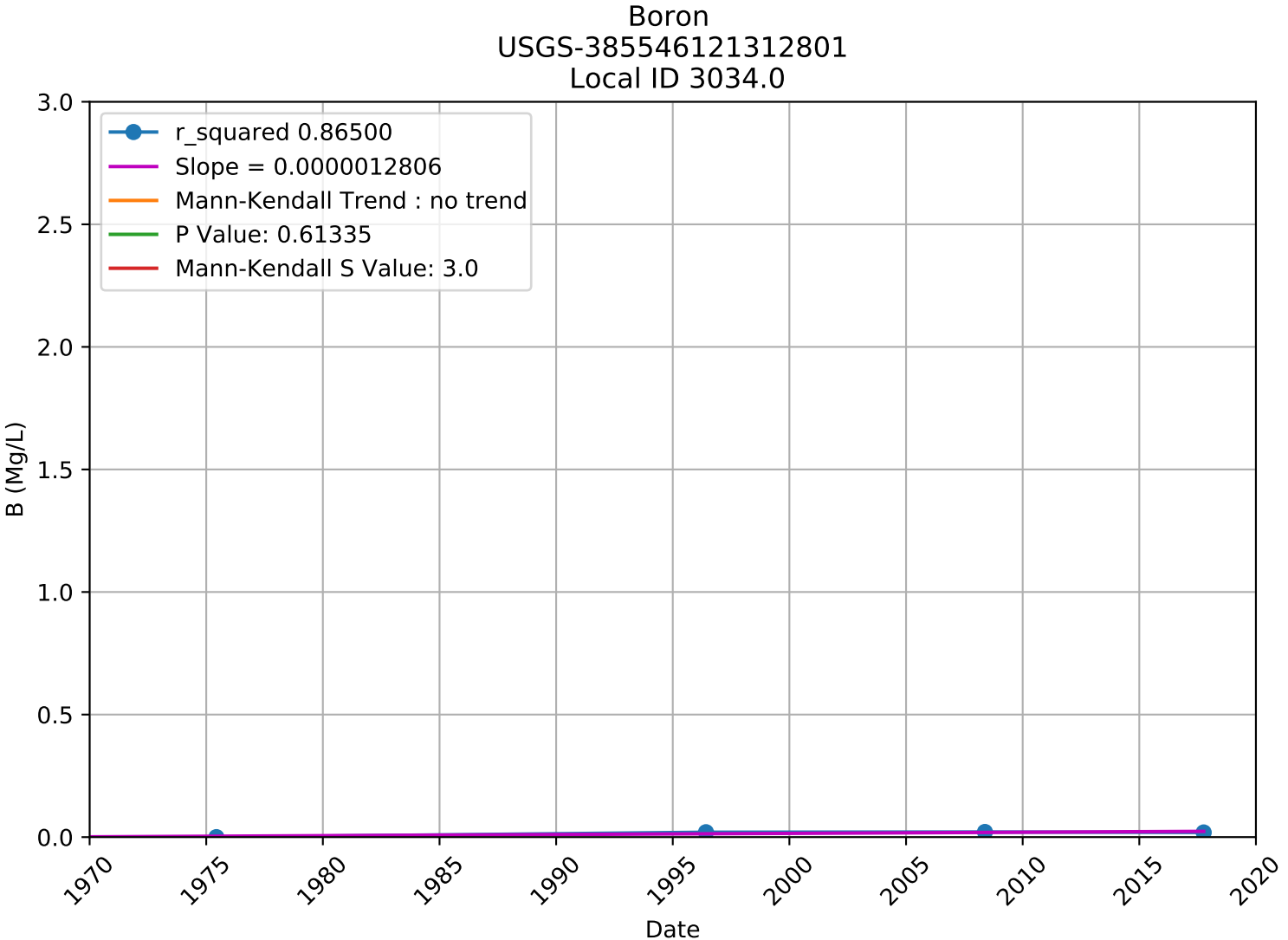

Boron
USGS-383746121291101
Local ID 1859.0
r_squared 0.11544
Slope = -0.0000050262
Mann-Kendall Trend : no trend
P Value: 0.90154
Mann-Kendall S Value: -2.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
1975
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2015
2020


Boron
USGS-383900121270001
Local ID 1855.0
r_squared 0.05296
Slope = 0.0120000000
Mann-Kendall Trend : no trend
P Value: 0.73410
Mann-Kendall S Value: 2.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
1975
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2015
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Boron
USGS-384145121184101
Local ID 1860.0
r_squared 0.08024
Slope = -0.0000011681
Mann-Kendall Trend : no trend
P Value: 0.36752
Mann-Kendall S Value: 7.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
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2015
2020


Boron
USGS-384330121293901
Local ID 1868.0
r_squared 0.29714
Slope = 0.0000010202
Mann-Kendall Trend : no trend
P Value: 0.22956
Mann-Kendall S Value: 9.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
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Boron
USGS-384413121163801
Local ID 2806.0
r_squared 0.46420
Slope = 0.0000418190
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
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2015
2020


Boron
USGS-385546121312801
Local ID 3034.0
r_squared 0.86500
Slope = 0.0000012806
Mann-Kendall Trend : no trend
P Value: 0.61335
Mann-Kendall S Value: 3.0
B (Mg/L)
Date
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1970
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2015
2020

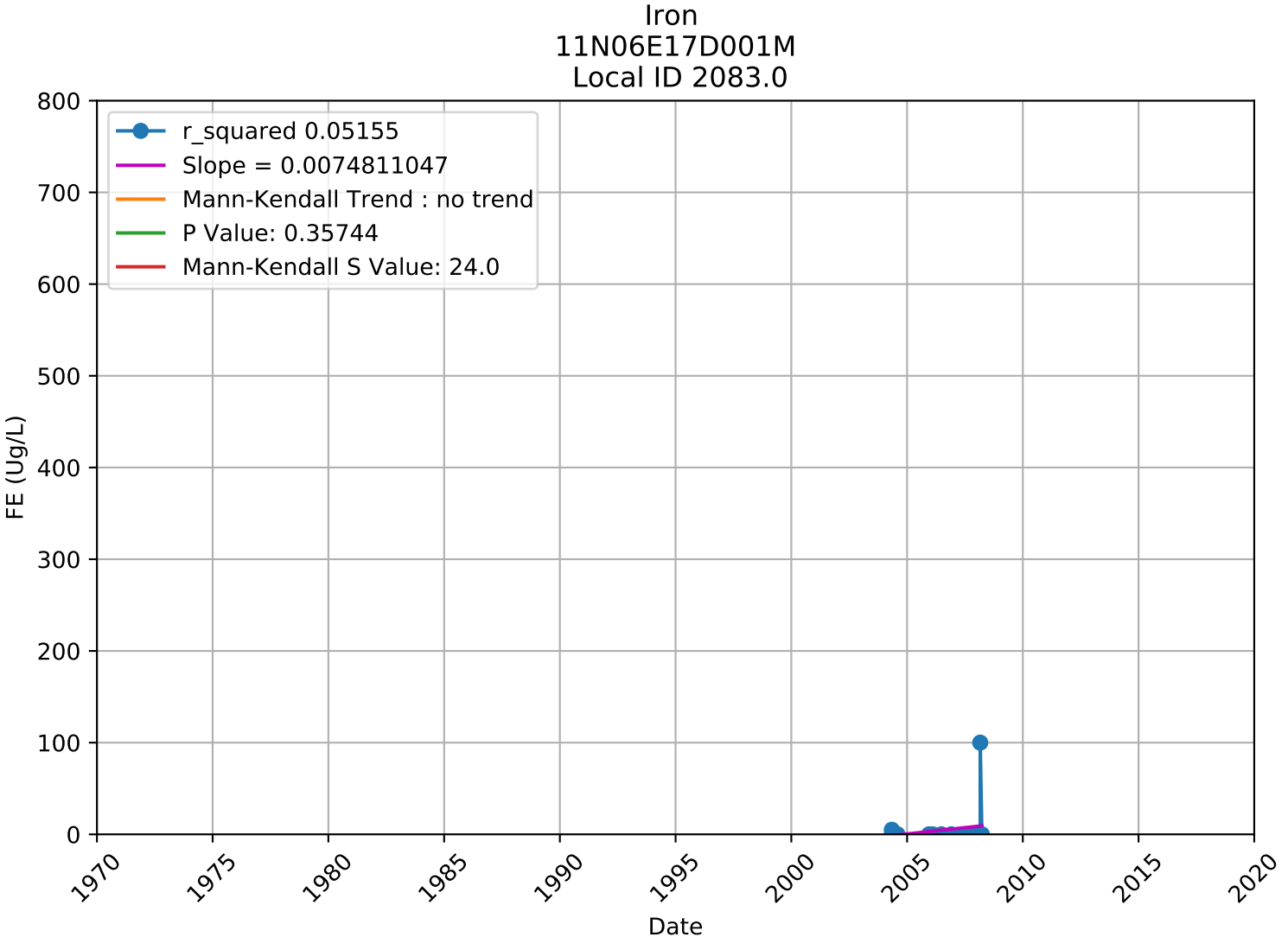
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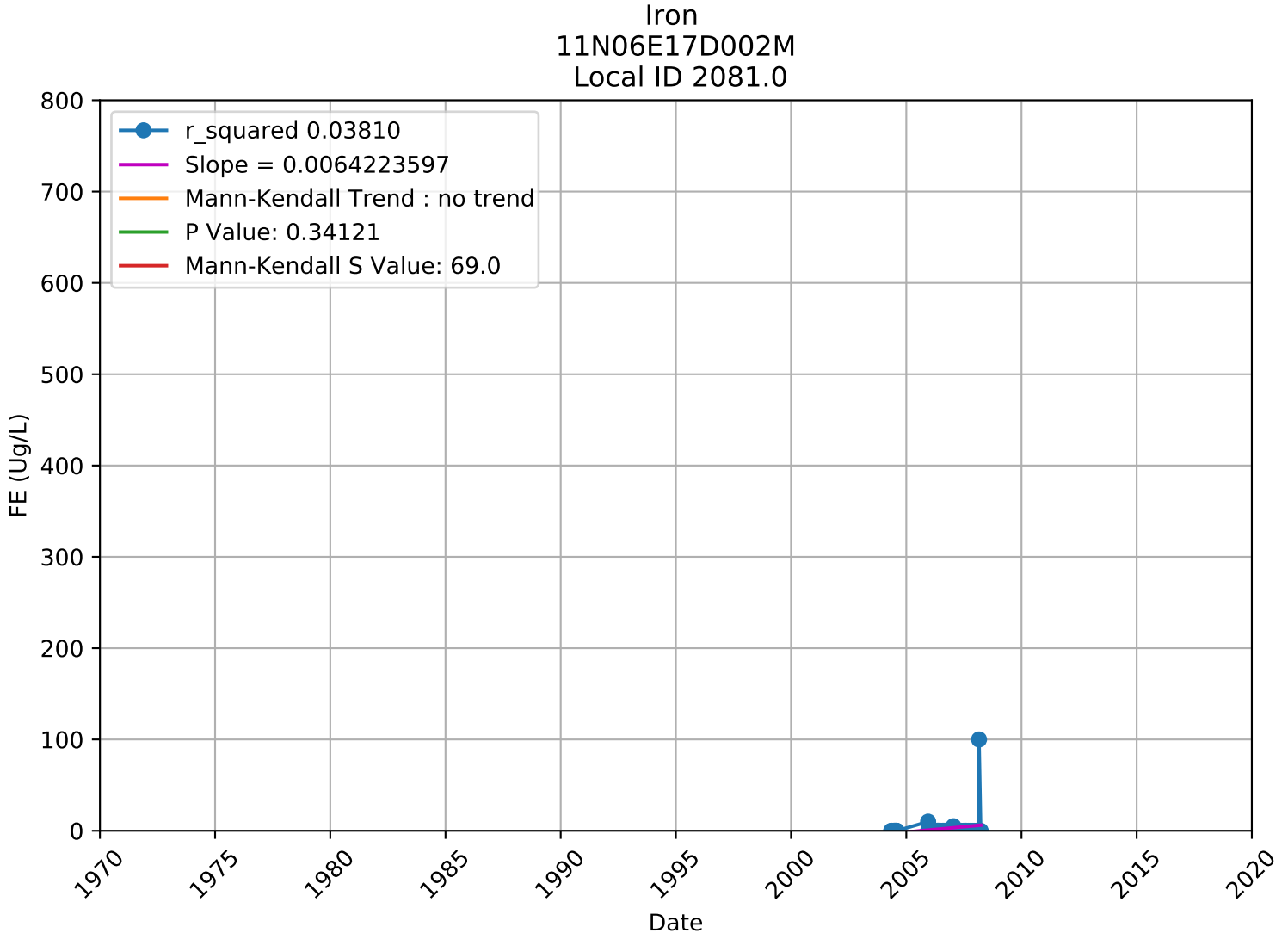
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2081	11N06E17D002M	FE	FALSE	0.341	69	0.05	no trend	5104.3	0.95	5/6/2004	3/26/2008	38.8027	-121.3384
2080	11N06E17D003M	FE	TRUE	0.047	78	0.283	increasing	1499.3	1.99	5/5/2004	3/26/2008	38.8059	-121.3358
2082	11N06E17E001M	FE	FALSE	0.663	-17	-0.048	no trend	1351	-0.44	5/5/2004	3/26/2008	38.8058	-121.3354
2059	3100538-001	FE	TRUE	0.008	25	0.694	increasing	82.3	2.64	8/19/1999	6/12/2019	38.7505	-121.321972
2060	3104508-001	FE	FALSE	0.613	-3	-0.3	no trend	15.7	-0.51	2/19/2004	4/20/2017	38.729952	-121.321616
2071	3110008-006	FE	FALSE	0.707	-3	-0.2	no trend	28.3	-0.38	10/31/1995	8/25/2016	38.736633	-121.277875
2066	3110008-007	FE	FALSE	0.794	-2	-0.2	no trend	14.7	-0.26	10/31/1995	8/25/2016	38.726493	-121.258205
2050	3110008-008	FE	FALSE	0.411	5	0.333	no trend	23.7	0.82	10/22/2002	8/23/2018	38.805938	-121.33588
2064	3110025-005	FE	FALSE	0.536	-13	-0.096	no trend	375.7	-0.62	7/26/1989	9/12/2019	38.818889	-121.31
2063	3110040-001	FE	FALSE	0.324	13	0.236	no trend	148.3	0.99	9/27/1988	7/9/2002	38.75	-121.34722
2067	3110040-002	FE	FALSE	0.078	-17	-0.472	no trend	82.3	-1.76	8/31/1989	7/9/2002	38.75	-121.34444
2054	3110048-001	FE	FALSE	0.089	6	1	no trend	8.7	1.7	2/5/2003	4/9/2018	38.983062	-121.375659
2058	3110048-002	FE	FALSE	0.734	-2	-0.333	no trend	8.7	-0.34	2/5/2003	4/9/2018	38.980075	-121.369185
145	3400173-002	FE	FALSE	1	-1	-0.167	no trend	7.7	0	5/24/2001	2/14/2017	38.640638	-121.483861
235	3400173-003	FE	FALSE	0.308	-4	-0.667	no trend	8.7	-1.02	10/25/2001	2/15/2017	38.654819	-121.477561
272	3400191-001	FE	FALSE	0.149	5	0.833	no trend	7.7	1.44	8/17/2001	3/23/2018	38.65525	-121.379888
193	3410001-001	FE	FALSE	1	-1	-0.018	no trend	156.3	0	4/14/1987	9/5/2017	38.606839	-121.3982
242	3410001-002	FE	FALSE	0.522	-9	-0.164	no trend	156.3	-0.64	4/14/1987	10/18/2017	38.59783	-121.398024
258	3410001-004	FE	FALSE	0.675	5	0.139	no trend	91	0.42	10/31/1988	6/19/2014	38.611483	-121.410107
284	3410001-005	FE	FALSE	0.445	-7	-0.25	no trend	61.7	-0.76	10/31/1988	6/8/2011	38.623478	-121.396638
203	3410001-007	FE	FALSE	0.522	-9	-0.164	no trend	156.3	-0.64	7/24/1989	9/27/2017	38.610999	-121.363391
128	3410001-009	FE	FALSE	0.734	2	0.333	no trend	8.7	0.34	4/14/1987	3/3/2005	38.616331	-121.403703
212	3410001-010	FE	FALSE	0.326	15	0.227	no trend	203	0.98	4/14/1987	9/12/2017	38.608099	-121.408153
158	3410001-011	FE	FALSE	0.266	-13	-0.289	no trend	116.3	-1.11	10/31/1988	9/14/2017	38.619863	-121.396184
228	3410001-012	FE	FALSE	0.439	-29	-0.115	no trend	1307.7	-0.77	5/7/1987	2/6/2018	38.617662	-121.403695
82	3410001-013	FE	FALSE	0.068	-21	-0.467	no trend	120.3	-1.82	7/25/1989	9/26/2017	38.598939	-121.370714
146	3410001-014	FE	FALSE	0.396	-6	-0.286	no trend	34.7	-0.85	11/1/1988	9/14/2006	38.61171	-121.386048
260	3410001-015	FE	FALSE	0.441	-10	-0.182	no trend	136.7	-0.77	11/1/1988	9/19/2017	38.59781	-121.381308
191	3410001-016	FE	FALSE	0.205	-12	-0.333	no trend	75.3	-1.27	11/1/1988	9/4/2014	38.631327	-121.37485
124	3410001-017	FE	FALSE	0.67	-5	-0.139	no trend	88.3	-0.43	7/24/1989	8/27/2014	38.61981	-121.403732
211	3410001-018	FE	FALSE	0.324	-13	-0.236	no trend	148.3	-0.99	11/1/1988	9/19/2017	38.623854	-121.374359
209	3410001-019	FE	FALSE	0.436	-8	-0.178	no trend	80.7	-0.78	11/1/1988	9/25/2017	38.597831	-121.359623
114	3410001-020	FE	FALSE	1	1	0.028	no trend	47.7	0	1/27/1992	9/19/2017	38.618079	-121.359205
210	3410001-021	FE	FALSE	0.743	-5	-0.091	no trend	148.3	-0.33	4/14/1987	9/12/2017	38.615256	-121.419986
161	3410001-022	FE	FALSE	0.853	3	0.067	no trend	116.3	0.19	10/31/1988	9/11/2017	38.604549	-121.42274
64	3410001-024	FE	FALSE	0.149	-5	-0.833	no trend	7.7	-1.44	7/24/1989	2/19/2001	38.641255	-121.370271
222	3410001-025	FE	FALSE	1	1	0.022	no trend	95.7	0	4/13/1987	9/19/2017	38.60046	-121.359118
148	3410001-026	FE	FALSE	0.452	5	0.333	no trend	28.3	0.75	10/31/1988	2/23/2005	38.627091	-121.384097
113	3410001-027	FE	FALSE	0.602	-6	-0.167	no trend	92	-0.52	1/30/1992	9/27/2017	38.605146	-121.390988
244	3410001-028	FE	FALSE	1	1	0.022	no trend	125	0	7/24/1989	8/21/2014	38.63562	-121.381097
227	3410001-029	FE	FALSE	0.667	-4	-0.143	no trend	48.7	-0.43	1/30/1992	10/3/2017	38.630252	-121.397575
236	3410001-030	FE	FALSE	1	0	0	no trend	75.3	0	7/21/1989	9/26/2017	38.617802	-121.424022
81	3410001-032	FE	FALSE	0.458	-10	-0.182	no trend	147.3	-0.74	10/31/1988	9/19/2017	38.622918	-121.413817
104	3410001-033	FE	FALSE	0.803	3	0.107	no trend	64.3	0.25	7/21/1989	7/10/2014	38.601378	-121.424
173	3410001-034	FE	FALSE	0.522	-9	-0.164	no trend	156.3	-0.64	5/7/1987	9/11/2017	38.584674	-121.396539
169	3410001-035	FE	FALSE	0.436	8	0.178	no trend	80.7	0.78	7/9/1990	9/28/2017	38.594464	-121.351844
25	3410001-037	FE	FALSE	0.308	-4	-0.667	no trend	8.7	-1.02	4/13/1987	2/5/1998	38.578611	-121.366667
19	3410001-038	FE	TRUE	0.022	-34	-0.374	decreasing	208.7	-2.28	7/25/1989	6/9/2011	38.578371	-121.363395
20	3410001-039	FE	FALSE	1	-1	-0.067	no trend	19.7	0	10/31/1988	9/18/2006	38.591742	-121.346413
168	3410001-042	FE	FALSE	0.564	-7	-0.156	no trend	108.3	-0.58	11/1/1988	9/12/2017	38.628014	-121.358648
184	3410001-051	FE	FALSE	1	1	0.018	no trend	119.7	0	4/13/1987	9/11/2017	38.636187	-121.375067
111	3410001-052	FE	FALSE	1	1	0.022	no trend	95.7	0	4/13/1987	9/11/2017	38.625054	-121.362252
287	3410001-054	FE	FALSE	0.442	-9	-0.2	no trend	108.3	-0.77	2/11/1991	9/13/2017	38.582422	-121.408379
122	3410001-055	FE	FALSE	0.452	7	0.194	no trend	63.7	0.75	11/1/1988	12/13/2017	38.594474	-121.39864
26	3410001-056	FE	FALSE	0.452	7	0.194	no trend	63.7	0.75	11/1/1988	9/13/2017	38.578749	-121.41096
3	3410001-061	FE	FALSE	0.662	15	0.059	no trend	1024.3	0.44	5/7/1998	3/20/2018	38.582786	-121.338489
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12	3410001-064	FE	FALSE	0.211	6	0.286	no trend	16	1.25	4/23/2002	9/12/2017	38.584121	-121.353432
13	3410001-065	FE	FALSE	1	-1	-0.048	no trend	35.7	0	4/22/2002	9/21/2017	38.583196	-121.33679
4	3410001-066	FE	FALSE	1	1	0.048	no trend	27.7	0	4/23/2002	9/12/2017	38.582214	-121.338203
2	3410001-067	FE	FALSE	0.321	23	0.192	no trend	492.3	0.99	6/3/1999	1/8/2015	38.582481	-121.417169
225	3410001-069	FE	FALSE	0.505	14	0.133	no trend	380	0.67	7/27/1989	9/28/2017	38.580609	-121.384004
255	3410001-070	FE	FALSE	0.919	-2	-0.044	no trend	96.7	-0.1	2/12/1991	9/12/2017	38.576006	-121.403088
205	3410001-071	FE	TRUE	0	666	0.403	increasing	15307.3	5.37	4/17/2002	9/12/2019	38.63056	-121.397787
106	3410001-072	FE	FALSE	0.68	-8	-0.052	no trend	288.7	-0.41	4/17/2002	9/12/2017	38.61744	-121.411527
252	3410001-073	FE	FALSE	0.148	44	0.21	no trend	884	1.45	4/17/2002	7/25/2019	38.58058	-121.383962
58	3410001-076	FE	FALSE	0.927	2	0.036	no trend	120.7	0.09	6/5/1984	7/10/2019	38.644265	-121.362069
69	3410001-077	FE	FALSE	0.94	2	0.026	no trend	176.7	0.08	3/7/1984	7/10/2019	38.631522	-121.352911
86	3410001-078	FE	FALSE	0.747	-6	-0.066	no trend	240.7	-0.32	6/5/1984	7/9/2019	38.684818	-121.355931

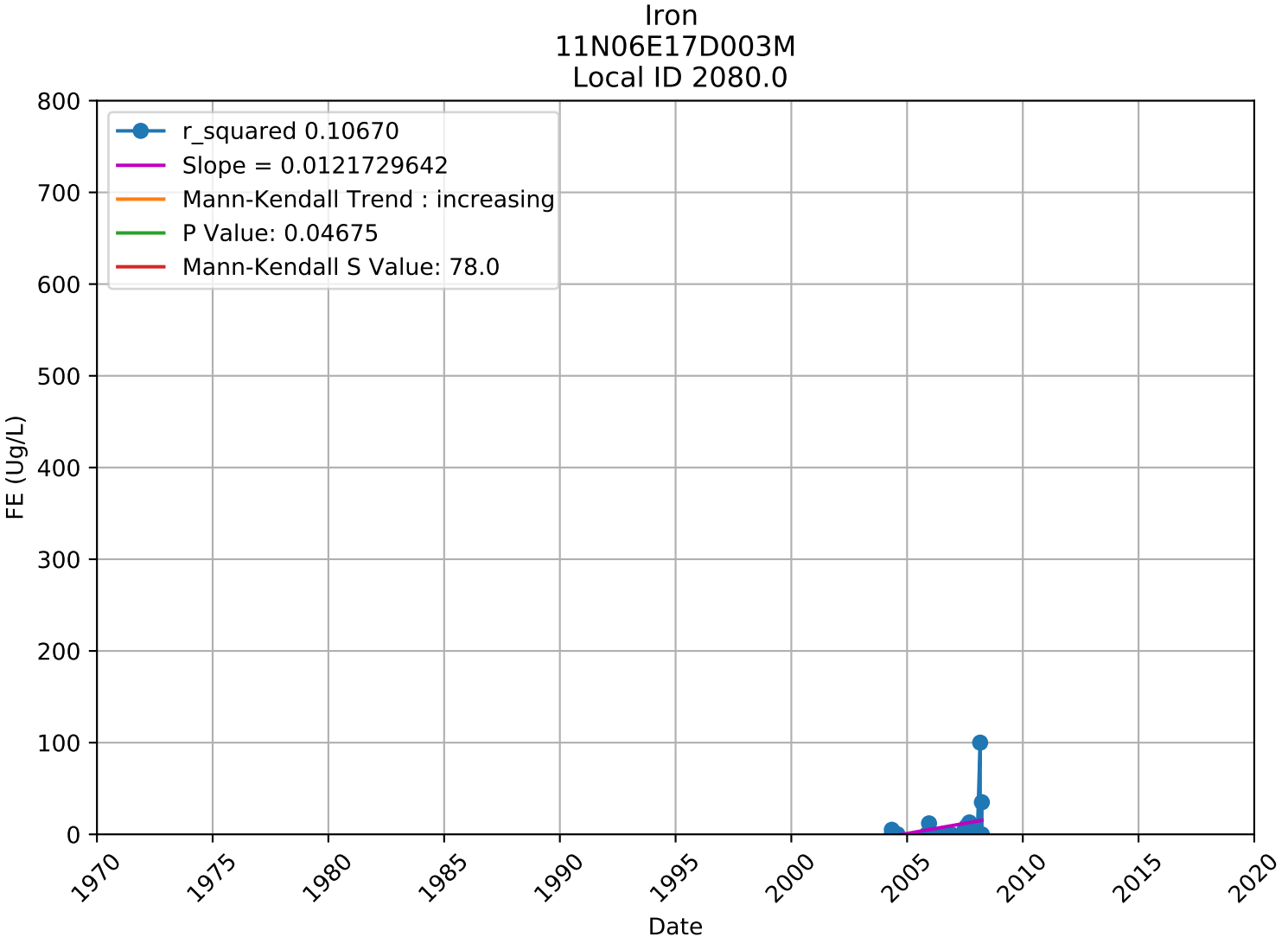
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174	3410001-081	FE	FALSE	0.292	-18	-0.231	no trend	260	-1.05	6/5/1984	7/22/2019	38.683333	-121.333333
71	3410001-082	FE	FALSE	0.126	-27	-0.297	no trend	288.3	-1.53	6/4/1984	7/21/2016	38.648929	-121.338368
246	3410001-083	FE	FALSE	1	0	0	no trend	147.3	0	5/17/1984	7/9/2019	38.663692	-121.347786
239	3410001-085	FE	FALSE	0.407	-15	-0.165	no trend	285.7	-0.83	6/4/1984	7/17/2019	38.644208	-121.329841
49	3410001-087	FE	FALSE	0.94	2	0.026	no trend	176.7	0.08	6/5/1984	7/11/2019	38.645858	-121.392317
218	3410001-088	FE	FALSE	0.102	-17	-0.378	no trend	95.7	-1.64	5/17/1984	6/4/2014	38.668746	-121.361
89	3410001-089	FE	FALSE	0.499	-12	-0.132	no trend	264.7	-0.68	3/7/1984	7/9/2019	38.653579	-121.379692
132	3410001-092	FE	FALSE	0.549	52	0.06	no trend	7256.7	0.6	6/4/1984	7/24/2018	38.63889	-121.342759
185	3410001-094	FE	FALSE	0.457	-14	-0.154	no trend	305.3	-0.74	5/17/1984	7/10/2019	38.652299	-121.354305
196	3410001-095	FE	FALSE	1	0	0	no trend	43.3	0	5/17/1984	6/21/2007	38.658062	-121.356402
297	3410001-096	FE	FALSE	0.175	-22	-0.282	no trend	239.3	-1.36	6/30/1988	7/9/2019	38.689669	-121.360198
102	3410001-097	FE	FALSE	0.726	-6	-0.077	no trend	203.3	-0.35	12/13/1984	7/11/2019	38.694158	-121.360024
256	3410001-098	FE	FALSE	0.912	-3	-0.033	no trend	329	-0.11	5/9/1984	7/9/2019	38.700217	-121.351805
295	3410001-099	FE	FALSE	1	-1	-0.067	no trend	19.7	0	10/20/1988	6/21/2007	38.655401	-121.313482
46	3410001-101	FE	FALSE	0.833	-4	-0.051	no trend	203.3	-0.21	10/27/1988	7/7/2016	38.663926	-121.32579
231	3410001-102	FE	FALSE	0.207	-35	-0.205	no trend	725	-1.26	10/20/1988	7/15/2019	38.675049	-121.315501
101	3410001-103	FE	FALSE	1	-1	-0.048	no trend	27.7	0	10/25/1988	1/13/2014	38.651225	-121.32298
163	3410001-104	FE	FALSE	0.237	-14	-0.255	no trend	120.7	-1.18	2/26/1991	7/10/2019	38.710442	-121.331662
180	3410001-105	FE	FALSE	0.919	-2	-0.044	no trend	96.7	-0.1	10/12/1995	7/10/2019	38.710528	-121.331667
262	3410001-106	FE	FALSE	0.096	-7	-0.7	no trend	13	-1.66	6/28/2001	6/4/2014	38.710517	-121.331659
85	3410001-107	FE	FALSE	1	0	0	no trend	44.3	0	11/4/1996	7/14/2016	38.709903	-121.357066
127	3410001-111	FE	FALSE	0.919	-2	-0.044	no trend	96.7	-0.1	12/13/1995	7/11/2019	38.665363	-121.383099
254	3410001-127	FE	FALSE	0.288	-8	-0.381	no trend	43.3	-1.06	12/13/1995	7/29/2013	38.712268	-121.381099
283	3410001-128	FE	FALSE	1	1	0.067	no trend	19.7	0	12/13/1995	6/17/2010	38.709783	-121.374669
149	3410001-129	FE	FALSE	0.211	-6	-0.286	no trend	16	-1.25	12/13/1995	7/29/2013	38.710651	-121.387666
118	3410001-133	FE	FALSE	0.249	-13	-0.289	no trend	108.3	-1.15	7/9/1990	7/22/2019	38.682932	-121.376063
182	3410001-135	FE	FALSE	0.064	21	0.467	no trend	116.3	1.85	11/1/1988	11/7/2016	38.68794	-121.385107
99	3410001-136	FE	FALSE	0.497	16	0.133	no trend	488.7	0.68	5/7/1987	3/27/2018	38.685899	-121.372701
141	3410001-137	FE	FALSE	0.287	-11	-0.306	no trend	88.3	-1.06	11/1/1988	6/30/2014	38.692847	-121.375953
183	3410001-139	FE	FALSE	0.365	-12	-0.218	no trend	147.3	-0.91	5/17/1984	7/19/2016	38.69191	-121.364477
280	3410001-142	FE	FALSE	0.089	-17	-0.472	no trend	88.3	-1.7	7/20/1989	7/11/2016	38.686782	-121.392424
267	3410001-143	FE	FALSE	0.47	-3	-0.5	no trend	7.7	-0.72	4/13/1987	2/4/1998	38.701228	-121.371968
197	3410001-144	FE	FALSE	1	1	0.018	no trend	119.7	0	4/13/1987	7/23/2019	38.69798	-121.373877
213	3410001-145	FE	FALSE	0.242	5	0.333	no trend	11.7	1.17	4/22/2002	7/10/2019	38.67526	-121.379573
315	3410002-001	FE	FALSE	0.688	-6	-0.109	no trend	155.3	-0.4	2/20/1991	2/8/2017	38.583333	-121.383333
117	3410002-002	FE	FALSE	0.926	-2	-0.044	no trend	115.3	-0.09	7/17/1990	2/8/2017	38.583333	-121.366667
28	3410002-007	FE	FALSE	0.853	-3	-0.067	no trend	116.3	-0.19	8/2/1989	2/14/2017	38.566667	-121.4
10	3410002-012	FE	FALSE	0.67	-5	-0.139	no trend	88.3	-0.43	8/2/1989	5/8/2017	38.566667	-121.416667
17	3410002-013	FE	FALSE	0.602	-22	-0.073	no trend	1620.7	-0.52	7/17/1990	2/14/2017	38.583333	-121.416667
249	3410002-014	FE	FALSE	0.228	-12	-0.333	no trend	83.3	-1.2	7/17/1990	5/8/2017	38.583333	-121.366667
152	3410003-001	FE	TRUE	0.007	65	0.478	increasing	571.7	2.68	7/20/1989	2/6/2019	38.587545	-121.385145
153	3410003-002	FE	FALSE	0.124	26	0.333	no trend	264	1.54	4/11/1986	2/28/2017	38.582537	-121.383219
245	3410003-004	FE	FALSE	0.602	-6	-0.167	no trend	92	-0.52	7/20/1989	1/25/2005	38.587611	-121.392074
162	3410003-005	FE	TRUE	0.034	48	0.4	increasing	491.3	2.12	4/2/1987	7/11/2017	38.591017	-121.384139
251	3410003-006	FE	FALSE	0.694	6	0.109	no trend	161.3	0.39	4/2/1987	2/28/2017	38.59211	-121.387633
238	3410003-008	FE	FALSE	0.211	26	0.248	no trend	400	1.25	4/2/1987	2/28/2017	38.600074	-121.391973
74	3410004-001	FE	FALSE	0.36	10	0.222	no trend	96.7	0.92	10/24/1995	2/3/2004	38.645432	-121.313067
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6	3410004-007	FE	TRUE	0.035	-19	-0.345	decreasing	73	-2.11	8/1/1990	10/23/2002	38.594673	-121.334606
150	3410004-009	FE	FALSE	0.912	4	0.016	no trend	734.7	0.11	2/19/1991	6/1/2017	38.619652	-121.333354
261	3410004-016	FE	FALSE	0.982	-2	-0.006	no trend	2014	-0.02	5/8/1987	6/1/2017	38.645576	-121.306819
248	3410004-020	FE	FALSE	0.094	27	0.297	no trend	241.7	1.67	4/25/2002	6/1/2017	38.641845	-121.315446
139	3410004-021	FE	FALSE	1	-1	-0.015	no trend	87.7	0	4/23/2002	6/1/2017	38.604804	-121.342252
290	3410006-001	FE	FALSE	0.631	-7	-0.127	no trend	156.3	-0.48	7/19/1989	5/30/2019	38.661305	-121.292607
207	3410006-007	FE	FALSE	0.734	-2	-0.333	no trend	8.7	-0.34	7/19/1989	1/21/1998	38.705556	-121.308333
198	3410006-008	FE	FALSE	1	-1	-0.048	no trend	27.7	0	12/6/1990	2/20/2013	38.679425	-121.289154
98	3410006-010	FE	FALSE	0.371	3	0.5	no trend	5	0.89	10/21/2004	6/6/2018	38.698638	-121.269673
130	3410007-001	FE	FALSE	1	-1	-0.1	no trend	15.7	0	4/10/1992	6/24/2010	38.613787	-121.367811
229	3410007-002	FE	FALSE	0.586	12	0.114	no trend	407.3	0.55	11/7/1988	8/7/2019	38.613607	-121.371676
216	3410007-003	FE	FALSE	0.917	2	0.056	no trend	92	0.1	7/19/1989	12/11/2018	38.606352	-121.369707
269	3410007-004	FE	FALSE	1	0	0	no trend	407.3	0	7/19/1989	8/6/2019	38.607768	-121.374083
77	3410007-005	FE	FALSE	0.214	26	0.248	no trend	404.7	1.24	11/7/1988	8/6/2019	38.61458	-121.378552
142	3410007-006	FE	TRUE	0.012	-29	-0.644	decreasing	125	-2.5	7/19/1989	1/20/2012	38.60731	-121.364767
195	3410007-007	FE	FALSE	1	-1	-0.028	no trend	91	0	7/19/1989	8/6/2019	38.606531	-121.380719
253	3410007-008	FE	TRUE	0.032	16	0.571	increasing	48.7	2.15	1/26/1993	8/13/2019	38.613172	-121.380739
166	3410009-001	FE	FALSE	1	-1	-0.1	no trend	13	0	2/28/1991	6/16/2004	38.643048	-121.268528
100	3410009-003	FE	FALSE	1	-1	-0.167	no trend	7.7	0	11/9/1988	2/8/2000	38.666667	-121.216667

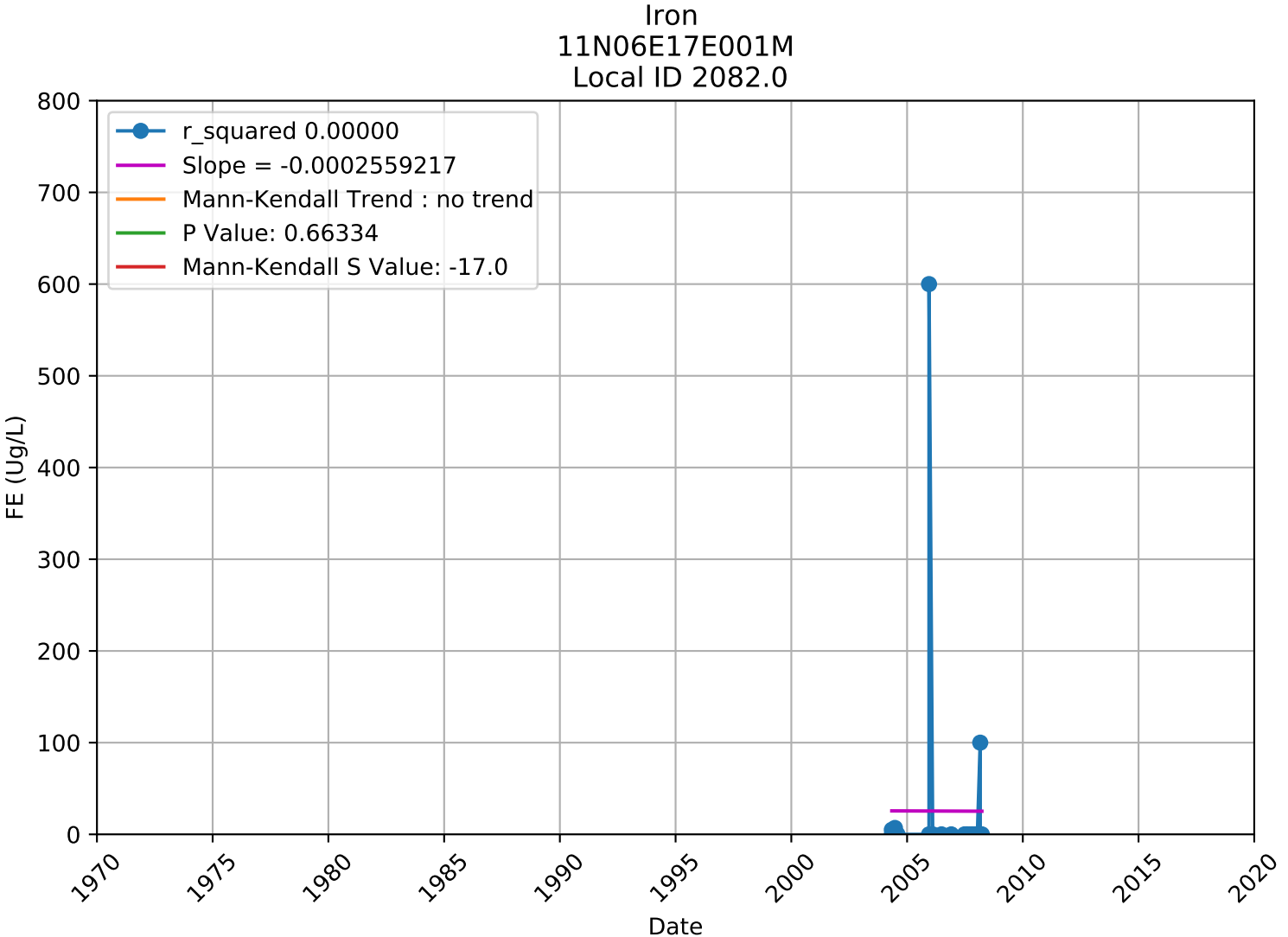
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234	3410009-007	FE	FALSE	0.175	-8	-0.222	no trend	26.7	-1.36	7/19/1989	6/14/2012	38.651297	-121.296666
217	3410009-008	FE	FALSE	1	-1	-0.048	no trend	27.7	0	8/16/1990	6/6/2006	38.662066	-121.265396
164	3410009-010	FE	TRUE	0.019	-24	-0.533	decreasing	96.7	-2.34	11/7/1991	6/14/2012	38.659628	-121.25556
93	3410013-001	FE	FALSE	0.943	2	0.03	no trend	194	0.07	10/7/1992	8/13/2018	38.694922	-121.332628
159	3410013-002	FE	FALSE	0.407	-13	-0.197	no trend	209	-0.83	2/18/1992	8/13/2018	38.69054	-121.34151
51	3410013-003	FE	FALSE	0.622	10	0.11	no trend	332.7	0.49	11/2/1988	8/29/2018	38.683982	-121.31348
240	3410013-004	FE	FALSE	0.841	5	0.048	no trend	397.7	0.2	4/15/1987	8/7/2018	38.699328	-121.295627
178	3410013-005	FE	FALSE	0.954	-2	-0.022	no trend	303.3	-0.06	4/15/1987	8/7/2018	38.669042	-121.293798
63	3410013-006	FE	FALSE	0.852	-4	-0.051	no trend	260	-0.19	2/11/1992	8/8/2018	38.685052	-121.305855
156	3410013-007	FE	FALSE	0.086	50	0.292	no trend	813.3	1.72	4/15/1987	11/16/2016	38.691478	-121.336784
270	3410013-008	FE	FALSE	0.804	6	0.057	no trend	404.7	0.25	11/2/1988	8/29/2018	38.673506	-121.340002
224	3410013-009	FE	FALSE	0.725	-6	-0.091	no trend	202	-0.35	4/15/1987	8/7/2018	38.695662	-121.29509
92	3410013-010	FE	FALSE	0.675	13	0.076	no trend	817	0.42	4/14/1989	8/15/2018	38.670117	-121.341406
237	3410013-012	FE	FALSE	0.66	-9	-0.099	no trend	331.7	-0.44	7/2/1990	8/13/2018	38.66565	-121.302524
223	3410013-013	FE	FALSE	0.161	38	0.248	no trend	696	1.4	4/15/1987	8/13/2018	38.678824	-121.304628
144	3410013-014	FE	FALSE	0.85	-4	-0.051	no trend	250	-0.19	11/2/1988	8/8/2018	38.668822	-121.304482
112	3410013-015	FE	FALSE	0.296	15	0.227	no trend	179.7	1.04	2/18/1992	8/6/2018	38.70124	-121.345319
233	3410013-016	FE	FALSE	0.374	13	0.197	no trend	182.3	0.89	2/11/1993	8/13/2018	38.709473	-121.292244
265	3410013-017	FE	FALSE	0.751	3	0.143	no trend	39.7	0.32	2/11/1992	8/24/2006	38.712243	-121.303547
247	3410013-019	FE	FALSE	0.738	-7	-0.077	no trend	323	-0.33	4/15/1987	8/6/2018	38.700287	-121.330955
226	3410013-020	FE	TRUE	0.033	-18	-0.643	decreasing	63.3	-2.14	11/2/1988	8/24/2006	38.716217	-121.294262
88	3410013-021	FE	FALSE	0.954	-2	-0.022	no trend	303.3	-0.06	11/2/1988	8/8/2018	38.683333	-121.35
232	3410013-022	FE	FALSE	0.336	-10	-0.278	no trend	87.3	-0.96	2/18/1992	9/11/2012	38.7124	-121.306829
189	3410013-023	FE	FALSE	0.349	18	0.198	no trend	330	0.94	7/28/1989	8/7/2018	38.695536	-121.313454
66	3410013-024	FE	FALSE	0.729	6	0.091	no trend	208	0.35	2/11/1992	8/7/2018	38.680539	-121.31067
220	3410013-025	FE	FALSE	0.363	-25	-0.163	no trend	697	-0.91	8/15/1989	8/13/2018	38.718426	-121.313299
188	3410013-026	FE	FALSE	1	-1	-0.011	no trend	304.3	0	4/15/1987	8/6/2018	38.701667	-121.344722
119	3410013-027	FE	FALSE	0.938	-2	-0.03	no trend	167.3	-0.08	2/18/1992	9/18/2012	38.709413	-121.317252
165	3410013-028	FE	FALSE	0.369	8	0.286	no trend	60.7	0.9	4/21/1997	8/13/2018	38.698857	-121.32618
125	3410016-001	FE	FALSE	1	-1	-0.167	no trend	7.7	0	8/2/1990	12/21/2004	38.686538	-121.219546
147	3410016-002	FE	FALSE	1	1	0.1	no trend	13	0	4/18/1991	1/17/2013	38.694541	-121.210813
126	3410018-005	FE	FALSE	0.13	-7	-0.7	no trend	15.7	-1.52	7/28/1989	3/5/2002	38.721801	-121.46774
24	3410020-015	FE	FALSE	0.618	5	0.179	no trend	64.3	0.5	1/17/1992	4/3/2017	38.6125	-121.479167
11	3410020-016	FE	FALSE	0.902	2	0.071	no trend	65.3	0.12	1/17/1992	1/20/2015	38.616667	-121.479167
293	3410020-017	FE	FALSE	1	0	0	no trend	121.3	0	11/18/1988	8/24/2017	38.62266	-121.477813
84	3410020-018	FE	FALSE	0.564	-7	-0.156	no trend	108.3	-0.58	1/17/1992	5/8/2017	38.627831	-121.477227
292	3410020-021	FE	FALSE	0.452	-5	-0.333	no trend	28.3	-0.75	1/21/1992	10/12/2011	38.607083	-121.454779
97	3410020-022	FE	FALSE	0.65	6	0.133	no trend	121.3	0.45	11/18/1988	3/20/2017	38.607305	-121.443097
136	3410020-023	FE	FALSE	0.174	-12	-0.429	no trend	65.3	-1.36	1/21/1992	3/7/2017	38.604956	-121.439486
314	3410020-024	FE	FALSE	0.067	20	0.444	no trend	107.3	1.83	11/18/1988	10/10/2011	38.612801	-121.450505
129	3410020-025	FE	FALSE	0.089	6	1	no trend	8.7	1.7	1/21/1992	10/9/2008	38.612294	-121.440456
215	3410020-027	FE	FALSE	0.578	6	0.133	no trend	80.7	0.56	1/22/1992	5/8/2017	38.620988	-121.443553
279	3410020-028	FE	FALSE	0.697	6	0.091	no trend	164.7	0.39	11/18/1988	5/8/2017	38.62044	-121.432285
108	3410020-029	FE	FALSE	0.638	4	0.19	no trend	40.7	0.47	1/17/1992	3/20/2017	38.618056	-121.468056
107	3410020-030	FE	FALSE	0.136	-15	-0.417	no trend	88.3	-1.49	1/17/1992	5/8/2017	38.625119	-121.462605
59	3410020-032	FE	FALSE	0.295	-41	-0.149	no trend	1460.3	-1.05	1/16/1991	8/24/2017	38.628503	-121.43627
55	3410020-033	FE	FALSE	0.894	-2	-0.071	no trend	56.7	-0.13	11/16/1988	10/10/2011	38.626808	-121.42959
171	3410020-034	FE	FALSE	0.365	10	0.182	no trend	98.7	0.91	1/16/1991	2/27/2018	38.638412	-121.446721
73	3410020-035	FE	FALSE	0.365	10	0.182	no trend	98.7	0.91	1/16/1991	2/27/2018	38.639934	-121.427293
133	3410020-037	FE	FALSE	0.926	-2	-0.044	no trend	115.3	-0.09	1/16/1991	5/8/2017	38.651207	-121.469509
264	3410020-038	FE	FALSE	0.546	14	0.103	no trend	463.3	0.6	1/16/1991	7/8/2019	38.647475	-121.459256
50	3410020-039	FE	FALSE	1	1	0.1	no trend	13	0	1/22/1992	10/8/2003	38.627595	-121.432917
56	3410020-040	FE	FALSE	0.934	-2	-0.036	no trend	147.3	-0.08	10/22/1990	5/9/2017	38.629597	-121.420726
278	3410020-041	FE	FALSE	1	-1	-0.015	no trend	146.3	0	1/16/1991	5/9/2017	38.641387	-121.435795
22	3410020-042	FE	TRUE	0.027	-32	-0.485	decreasing	196	-2.21	1/21/1992	7/8/2019	38.596923	-121.458973
294	3410020-044	FE	FALSE	0.144	12	0.429	no trend	56.7	1.46	10/16/1990	10/10/2011	38.613996	-121.456155
194	3410020-045	FE	FALSE	0.87	-3	-0.055	no trend	148.3	-0.16	10/19/1990	5/9/2017	38.622276	-121.446858
134	3410020-046	FE	FALSE	1	1	0.028	no trend	47.7	0	1/22/1992	9/22/2014	38.623116	-121.427024
157	3410020-050	FE	FALSE	0.499	8	0.178	no trend	107.3	0.68	1/16/1991	3/25/2014	38.668053	-121.438012
42	3410020-051	FE	FALSE	0.927	2	0.036	no trend	120.7	0.09	1/16/1991	2/27/2018	38.634413	-121.412516
296	3410020-052	FE	FALSE	0.564	-7	-0.156	no trend	108.3	-0.58	3/8/1993	5/9/2017	38.599341	-121.445804
214	3410020-054	FE	FALSE	0.146	-18	-0.327	no trend	136.7	-1.45	1/21/1992	8/24/2017	38.596324	-121.427308
33	3410020-055	FE	FALSE	0.071	-23	-0.418	no trend	148.3	-1.81	1/17/1992	5/9/2017	38.617636	-121.469304
91	3410020-056	FE	FALSE	0.689	10	0.048	no trend	507.3	0.4	1/12/1994	5/9/2017	38.654657	-121.448564
291	3410020-057	FE	FALSE	0.669	5	0.076	no trend	87.7	0.43	1/18/1995	12/19/2018	38.658482	-121.466415
30	3410026-001	FE	FALSE	0.089	6	1	no trend	8.7	1.7	2/21/1991	5/31/2012	38.58961	-121.429343
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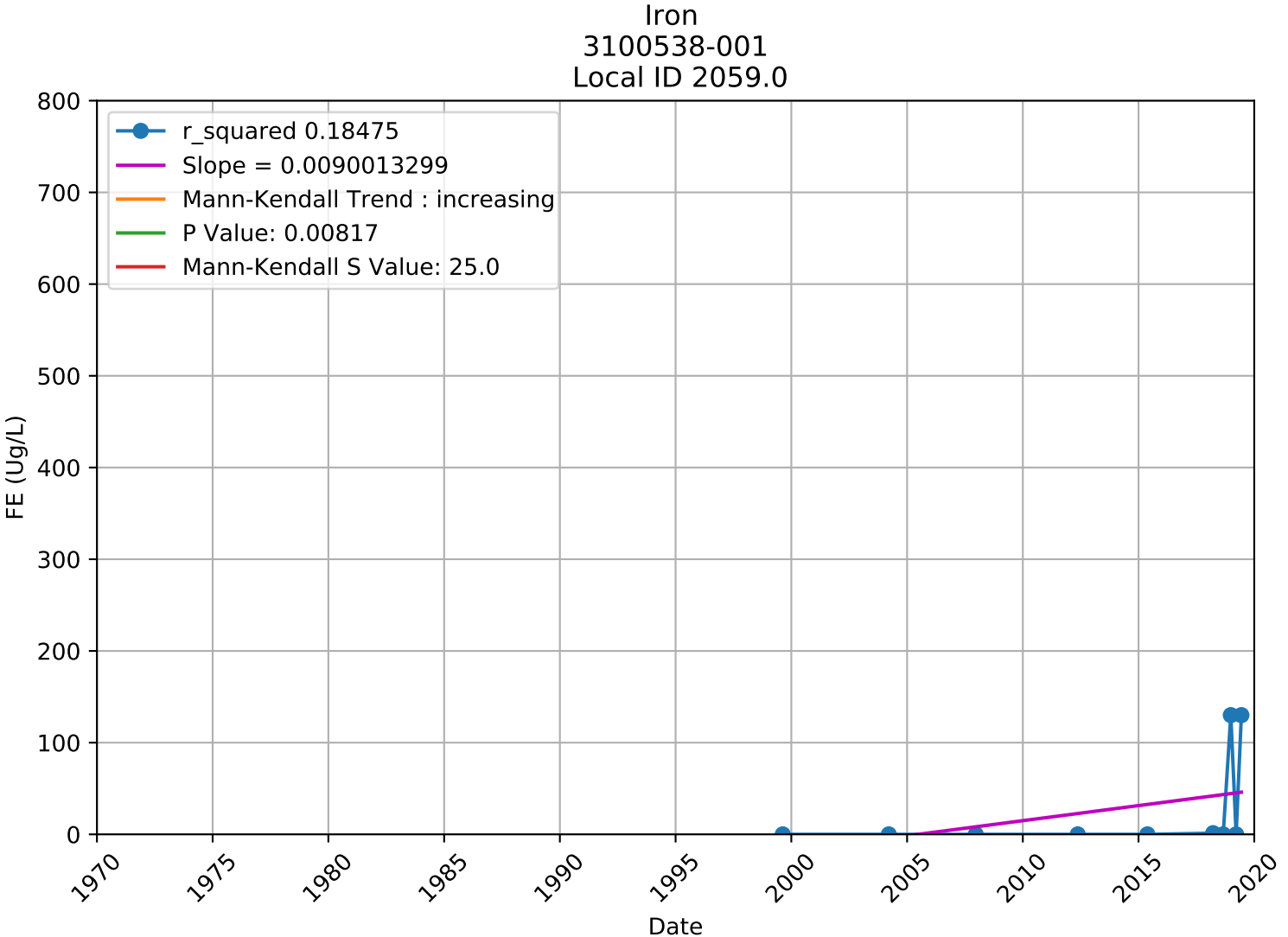
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190	3410031-002	FE	FALSE	0.731	5	0.091	no trend	135.7	0.34	9/10/1993	8/8/2018	38.717222	-121.3575
94	3410031-003	FE	TRUE	0.048	62	0.326	increasing	950	1.98	4/14/1989	8/30/2018	38.7	-121.383333
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160	3410031-006	FE	FALSE	0.781	-6	-0.066	no trend	324	-0.28	11/2/1988	8/14/2018	38.708333	-121.383611
2073	3410031-007	FE	FALSE	0.458	19	0.14	no trend	588.3	0.74	11/2/1988	8/9/2018	38.733333	-121.35
2056	3410031-008	FE	FALSE	0.404	13	0.197	no trend	207	0.83	10/7/1992	8/9/2018	38.733333	-121.35
208	3410031-009	FE	FALSE	0.62	7	0.127	no trend	146.3	0.5	1/15/1992	8/7/2018	38.715278	-121.378056
72	3410031-010	FE	TRUE	0.026	28	0.509	increasing	147.3	2.22	8/29/1995	8/21/2018	38.705	-121.365556
289	3410031-011	FE	FALSE	0.082	141	0.172	no trend	6493	1.74	6/21/1990	8/7/2018	38.726944	-121.3825
135	3410031-012	FE	FALSE	0.783	6	0.066	no trend	330	0.28	6/12/1992	8/7/2018	38.721111	-121.368611
45	3410031-013	FE	FALSE	0.31	19	0.209	no trend	315	1.01	11/2/1988	8/14/2018	38.711667	-121.413889
54	3410031-014	FE	FALSE	0.115	23	0.348	no trend	195	1.58	4/15/1987	8/14/2018	38.716111	-121.408889
95	3410031-015	FE	FALSE	0.089	6	1	no trend	8.7	1.7	2/11/1993	8/14/2018	38.716667	-121.416667
241	3410031-016	FE	FALSE	1	1	0.022	no trend	106.3	0	7/16/1996	8/8/2018	38.724444	-121.336111
80	3410031-017	FE	FALSE	0.1	16	0.444	no trend	83.3	1.64	4/30/1998	8/8/2018	38.723056	-121.349722
257	3410031-018	FE	TRUE	0.026	28	0.509	increasing	147.3	2.22	1/9/1996	8/7/2018	38.716389	-121.371944
288	3410045-001	FE	FALSE	0.95	2	0.026	no trend	250	0.06	11/3/1988	8/7/2018	38.586137	-121.411513
138	3410045-002	FE	FALSE	0.344	11	0.244	no trend	111.7	0.95	2/25/1992	8/7/2018	38.583085	-121.413054
116	3410045-003	FE	FALSE	1	-1	-0.018	no trend	158.3	0	2/25/1992	8/7/2018	38.594423	-121.417465
243	3410045-004	FE	FALSE	0.53	-16	-0.118	no trend	570.7	-0.63	4/20/1987	7/12/2012	38.592566	-121.407256
96	3410045-005	FE	FALSE	0.943	2	0.03	no trend	194	0.07	11/2/1988	8/7/2018	38.600025	-121.410183
2907	5105004-001	FE	FALSE	0.902	2	0.071	no trend	65.3	0.12	11/29/2000	10/16/2013	38.777769	-121.52437
1859	USGS-383746121291101	FE	FALSE	0.064	-21	-0.467	no trend	116.3	-1.85	8/4/1998	9/4/2012	38.6292139	-121.4877028
1860	USGS-384145121184101	FE	FALSE	0.178	-16	-0.356	no trend	124	-1.35	8/17/1998	9/4/2012	38.6964	-121.3120389
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2806	USGS-384413121163801	FE	FALSE	0.734	-2	-0.333	no trend	8.7	-0.34	9/24/1982	3/10/2014	38.7369444	-121.2772222

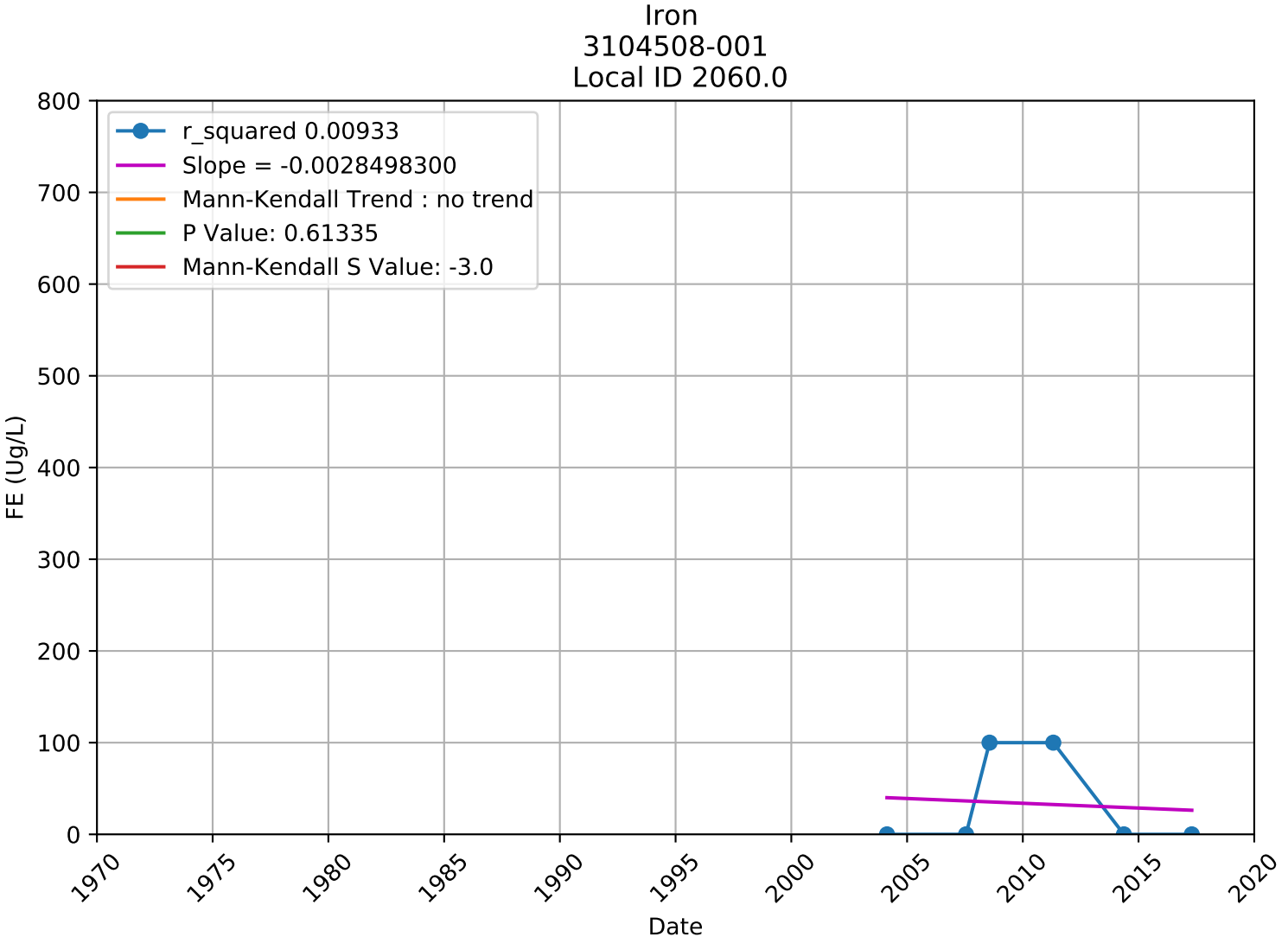

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r_squared 0.05155
Slope = 0.0074811047
Mann-Kendall Trend : no trend
P Value: 0.35744
Mann-Kendall S Value: 24.0
FE (Ug/L)
Date
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700
600
500
400
300
200
100
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

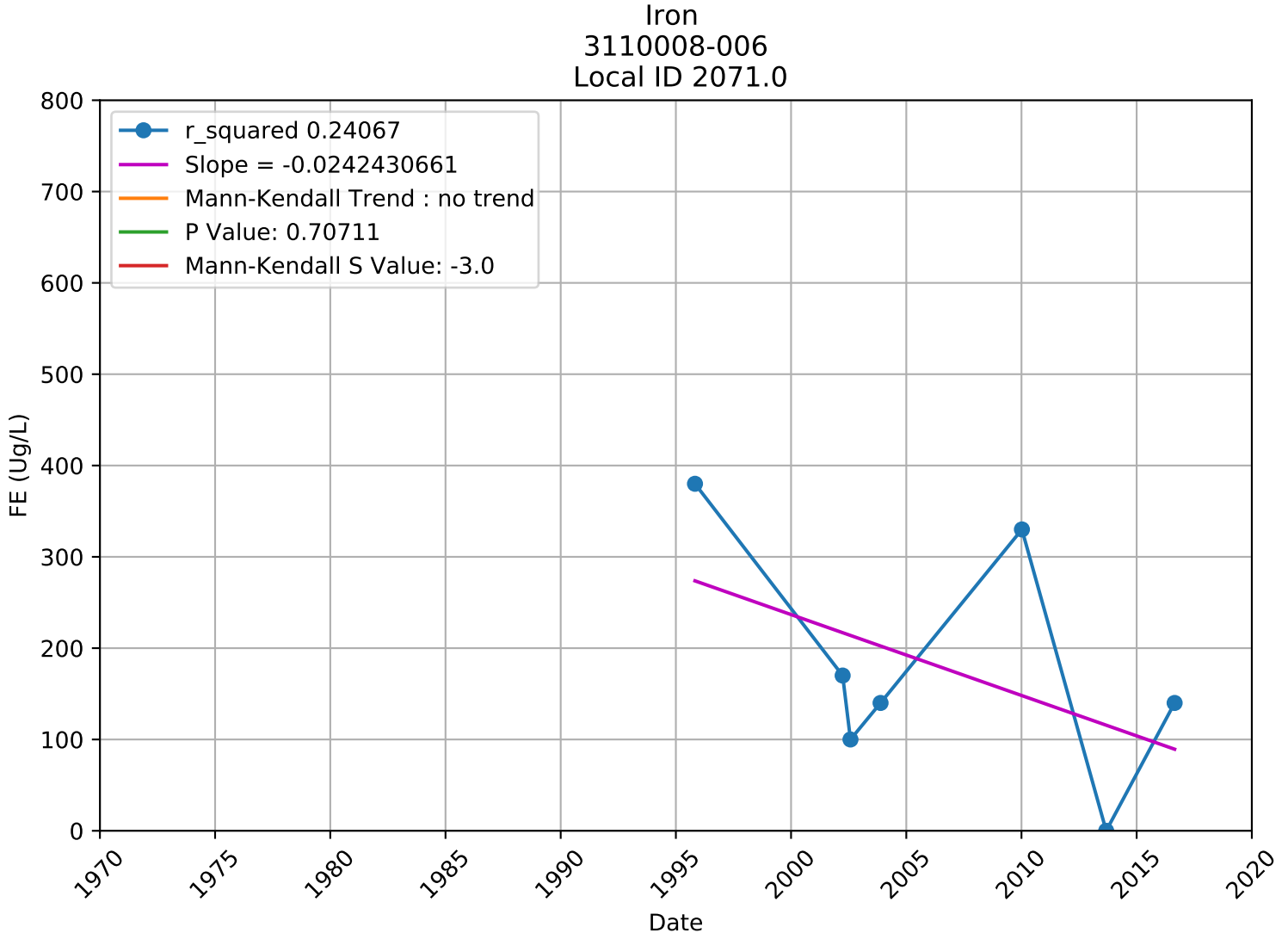

Iron
11N06E17D002M
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r_squared 0.03810
Slope = 0.0064223597
Mann-Kendall Trend : no trend
P Value: 0.34121
Mann-Kendall S Value: 69.0
FE (Ug/L)
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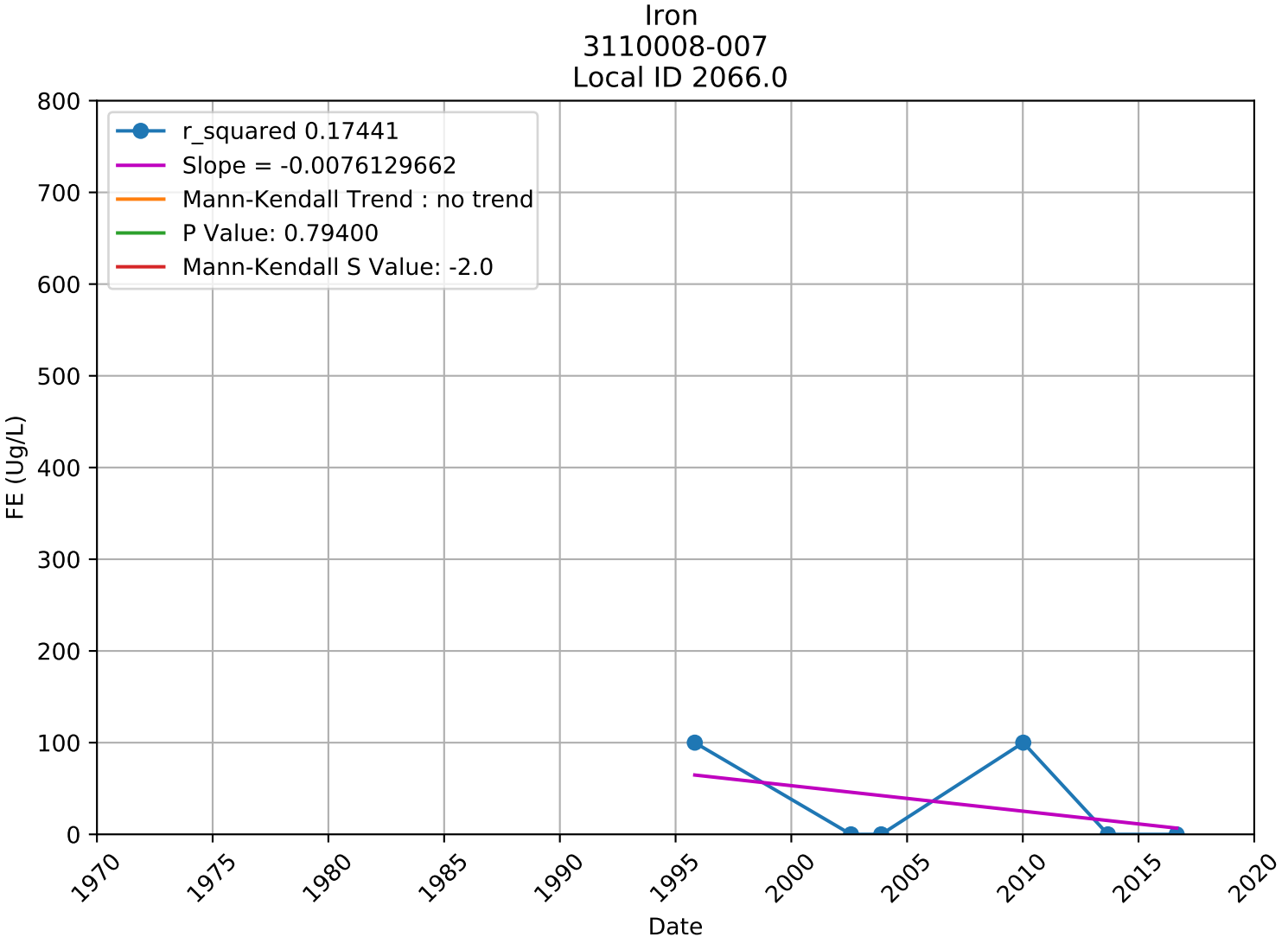

Iron
11N06E17D003M
Local ID 2080.0
r_squared 0.10670
Slope = 0.0121729642
Mann-Kendall Trend : increasing
P Value: 0.04675
Mann-Kendall S Value: 78.0
FE (Ug/L)
Date
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400
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200
100
0
1970
1975
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1985
1990
1995
2000
2005
2010
2015
2020

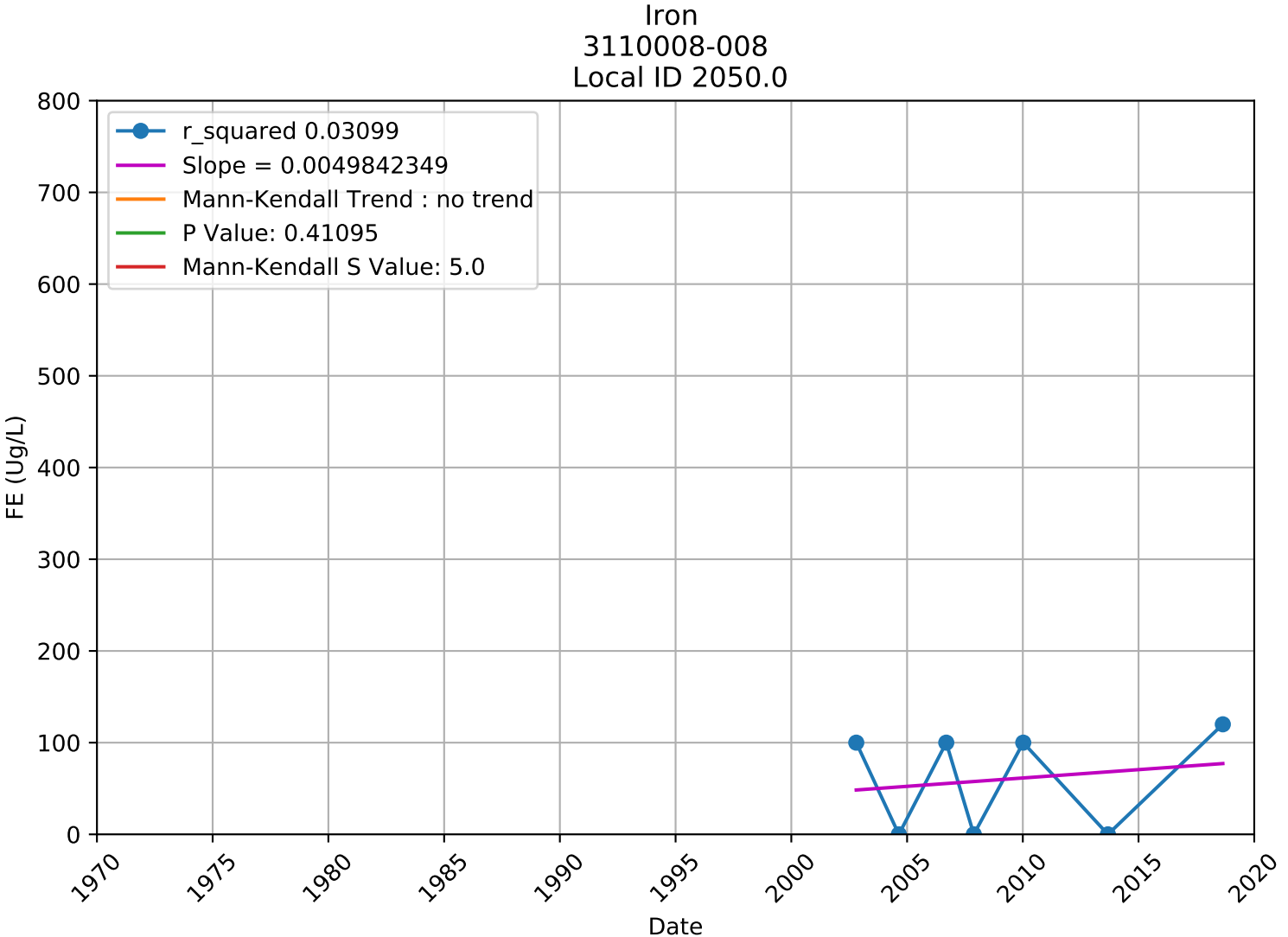

Iron
11N06E17E001M
Local ID 2082.0
r_squared 0.00000
Slope = -0.0002559217
Mann-Kendall Trend : no trend
P Value: 0.66334
Mann-Kendall S Value: -17.0
FE (Ug/L)
Date
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200
100
0
1970
1975
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1985
1990
1995
2000
2005
2010
2015
2020

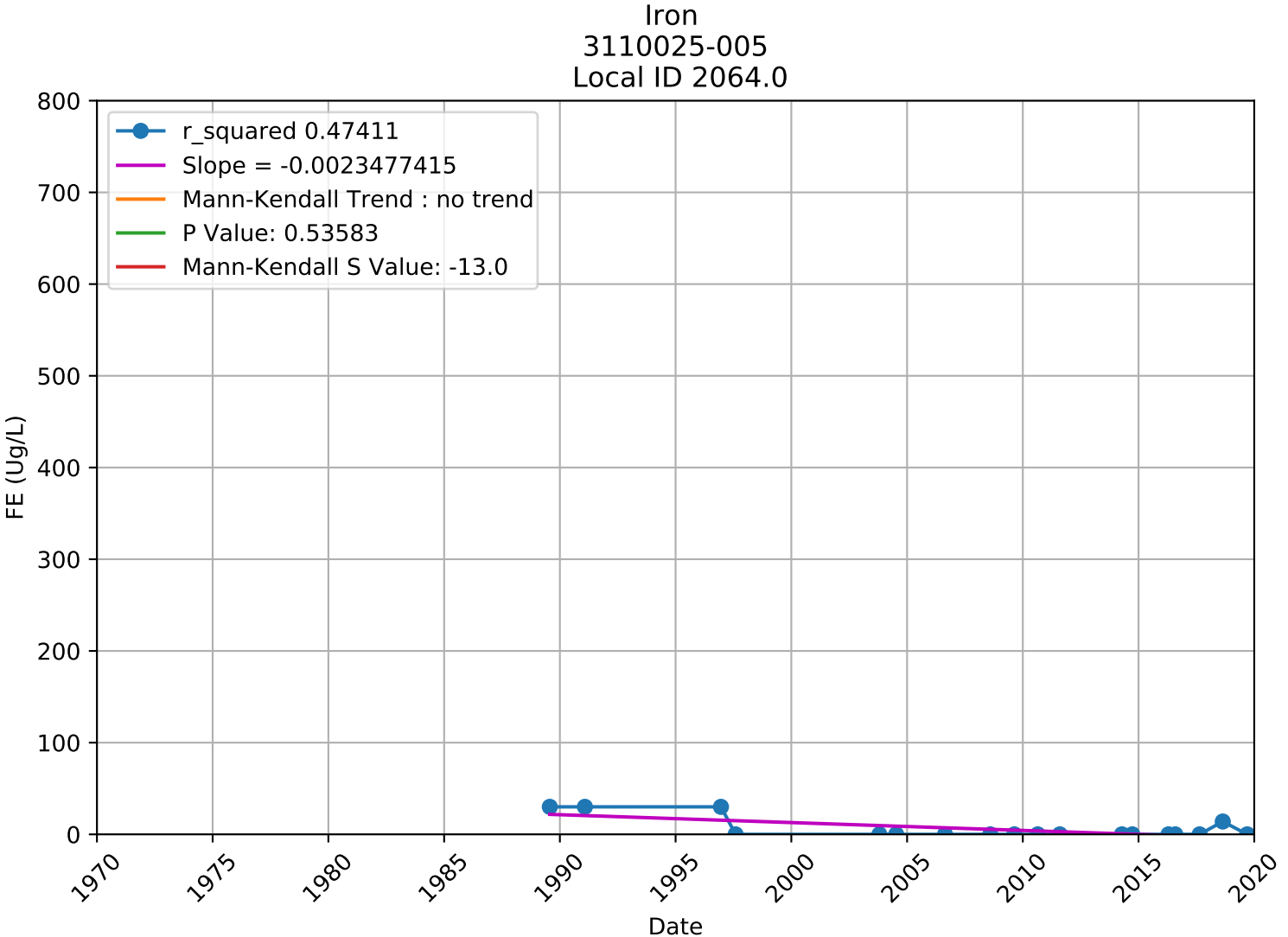

Iron
3100538-001
Local ID 2059.0
r_squared 0.18475
Slope = 0.0090013299
Mann-Kendall Trend : increasing
P Value: 0.00817
Mann-Kendall S Value: 25.0
FE (Ug/L)
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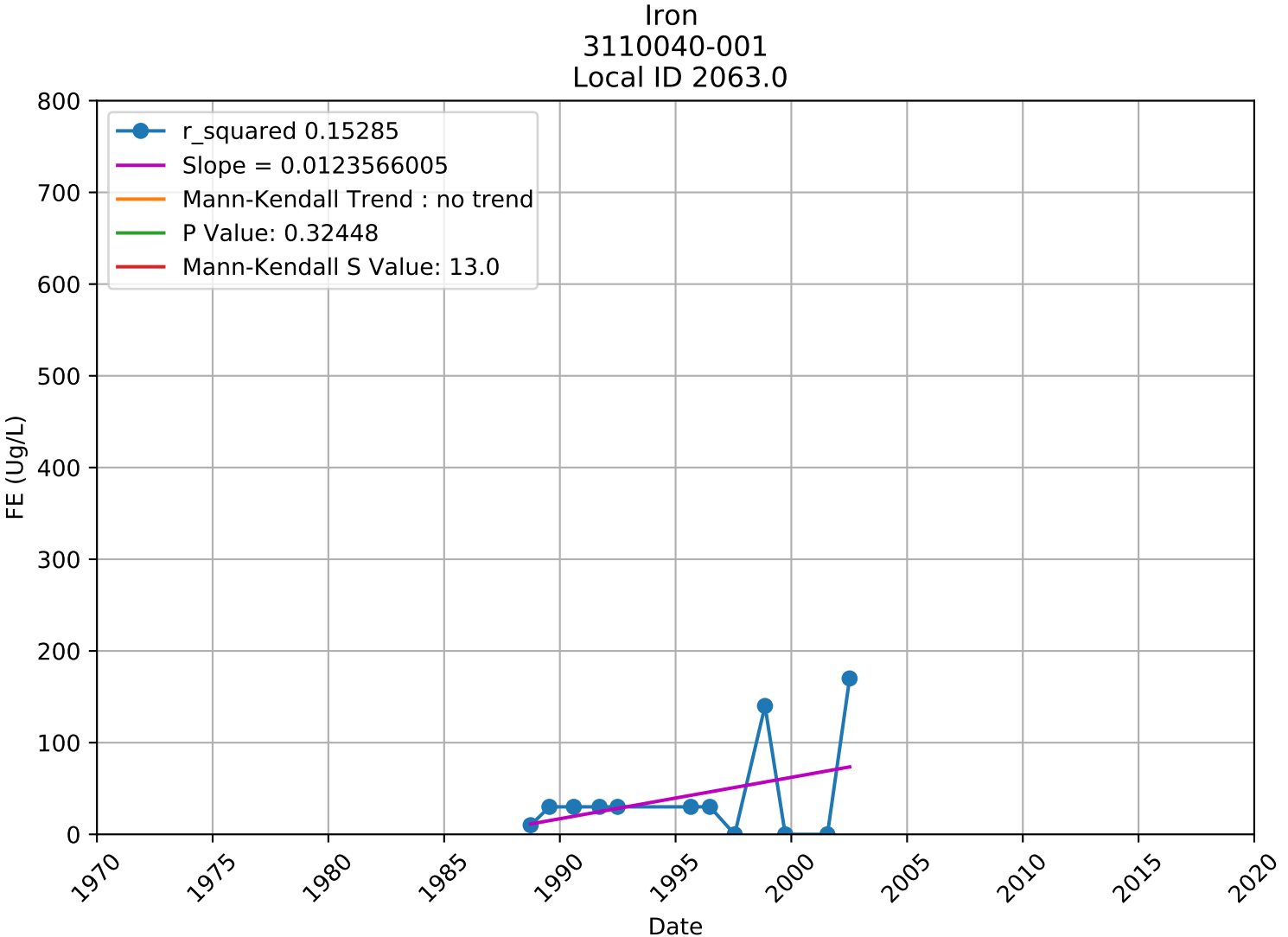

Iron
3104508-001
Local ID 2060.0
r_squared 0.00933
Slope = -0.0028498300
Mann-Kendall Trend : no trend
P Value: 0.61335
Mann-Kendall S Value: -3.0
FE (Ug/L)
Date
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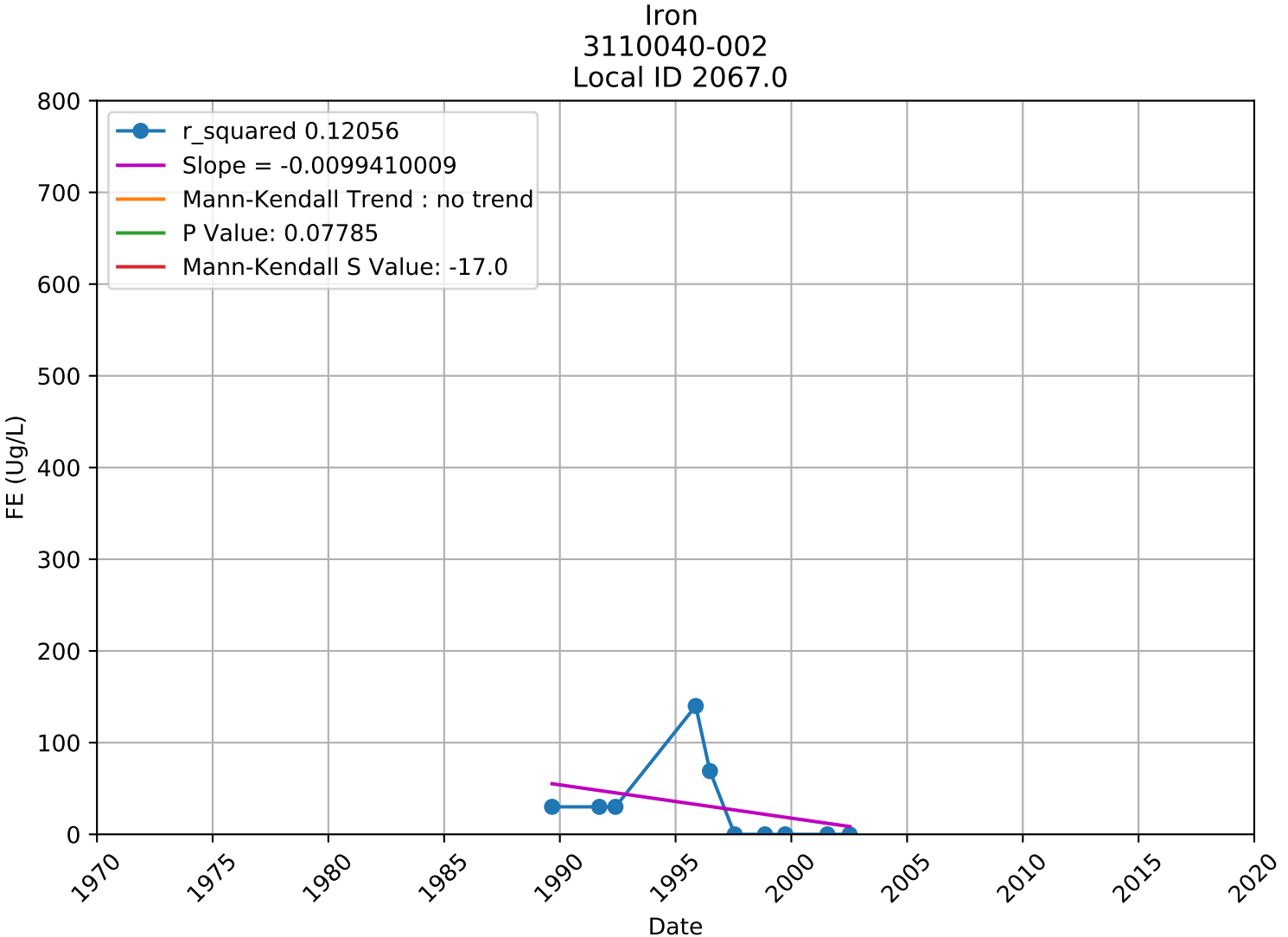

Iron
3110008-006
Local ID 2071.0
r_squared 0.24067
Slope = -0.0242430661
Mann-Kendall Trend : no trend
P Value: 0.70711
Mann-Kendall S Value: -3.0
FE (Ug/L)
Date
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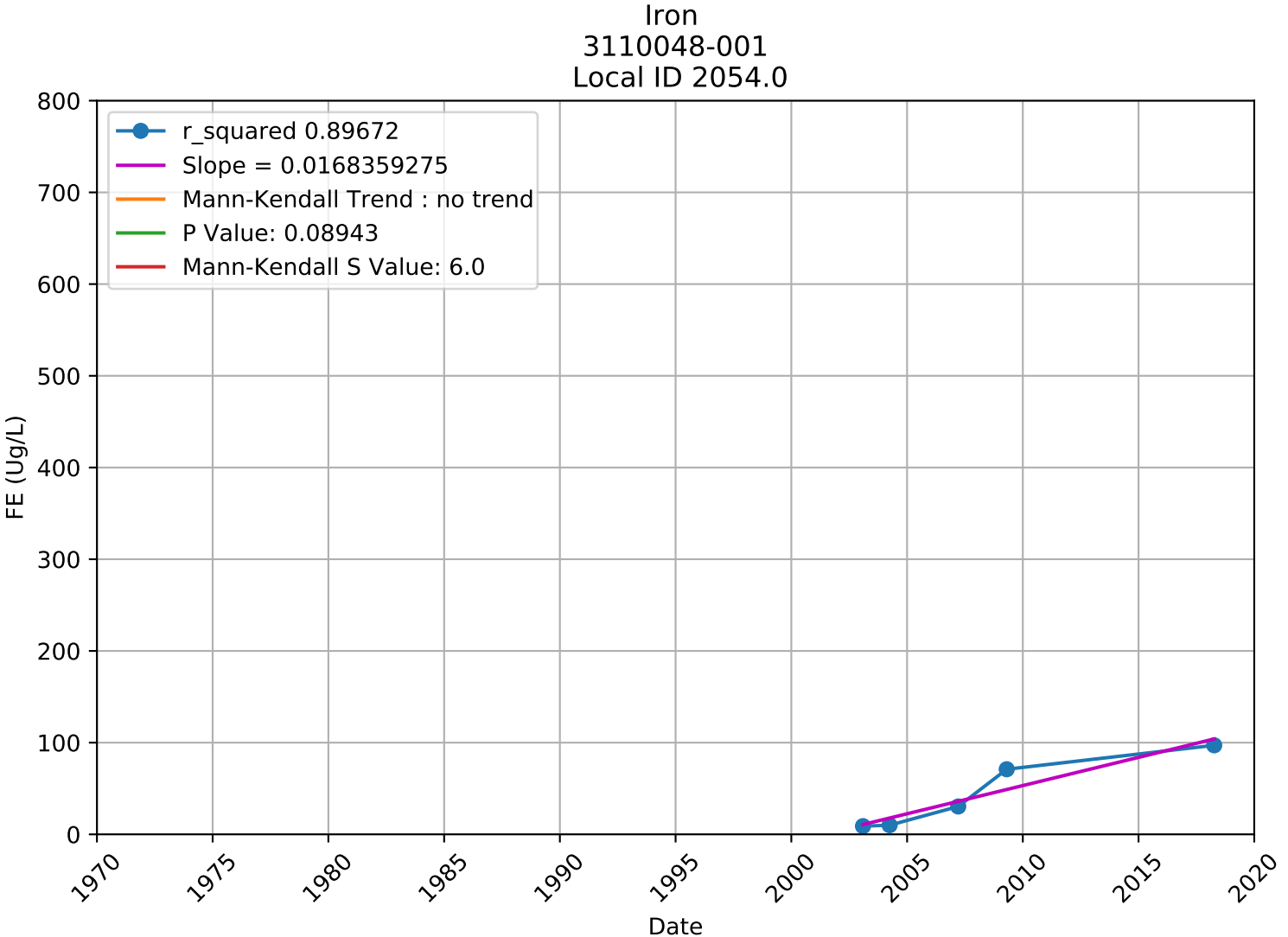

Iron
3110008-007
Local ID 2066.0
r_squared 0.17441
Slope = -0.0076129662
Mann-Kendall Trend : no trend
P Value: 0.79400
Mann-Kendall S Value: -2.0
FE (Ug/L)
Date
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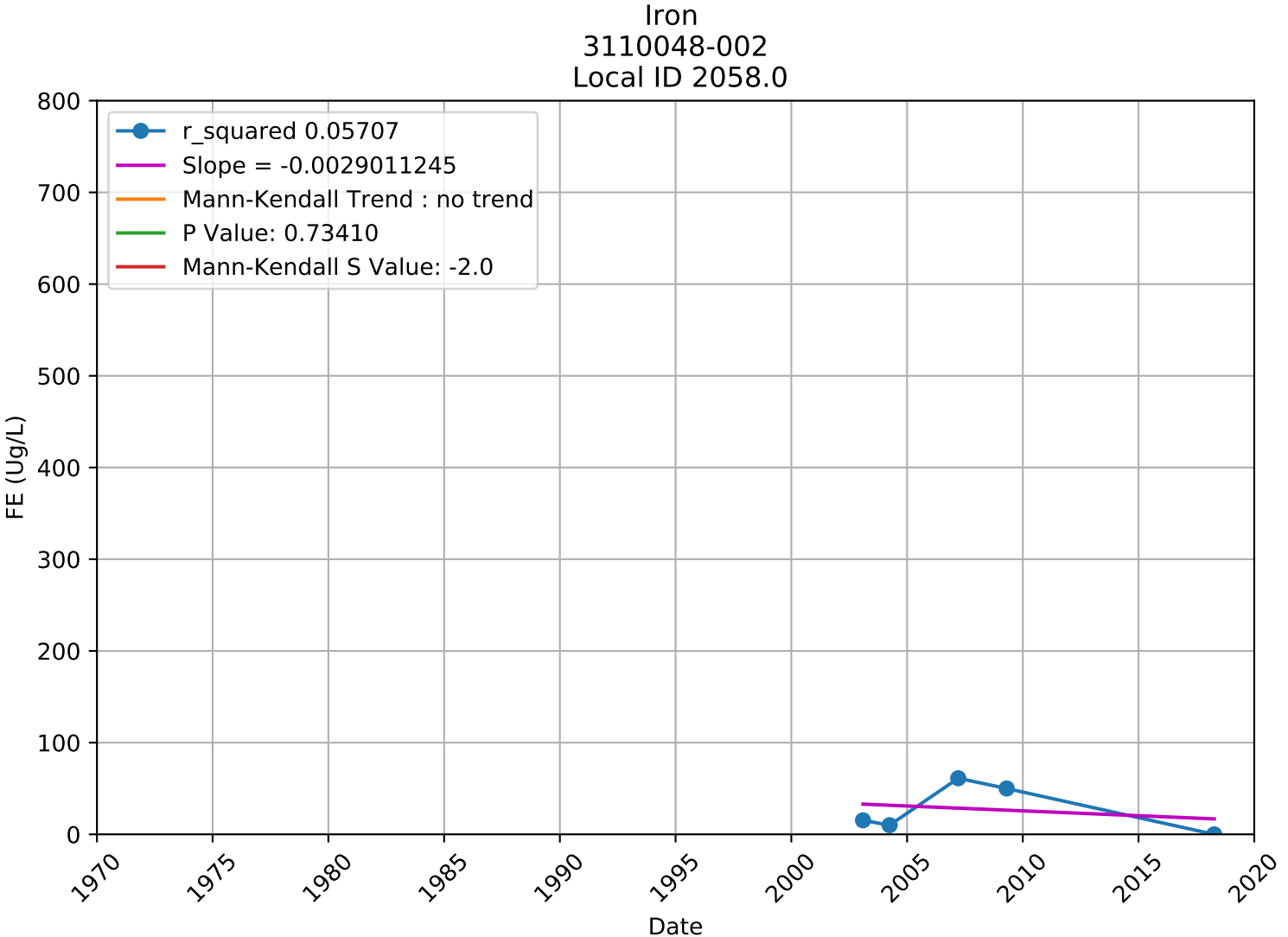

Iron
3110008-008
Local ID 2050.0
r_squared 0.03099
Slope = 0.0049842349
Mann-Kendall Trend : no trend
P Value: 0.41095
Mann-Kendall S Value: 5.0
FE (Ug/L)
Date
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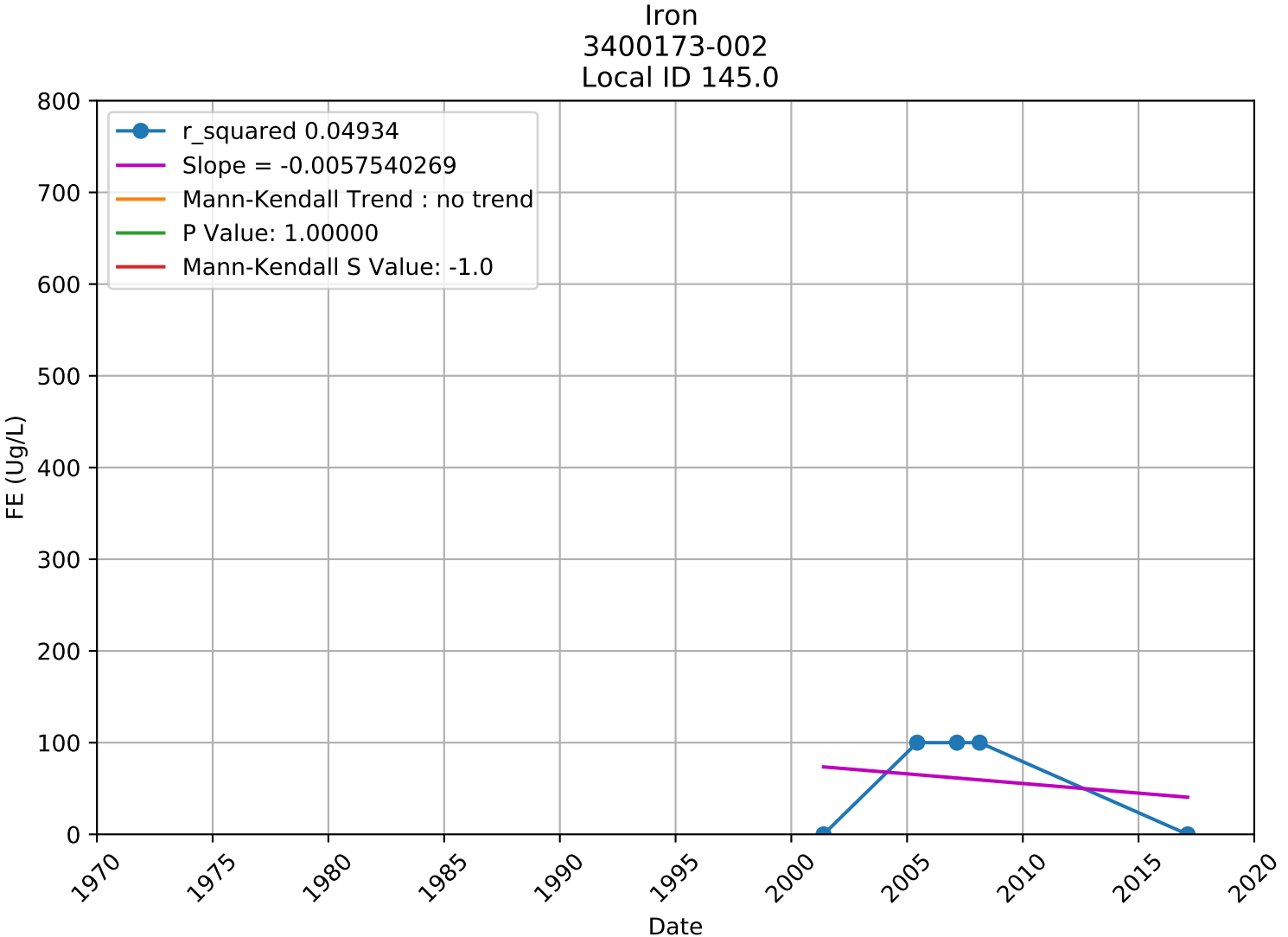

Iron
3110025-005
Local ID 2064.0
r_squared 0.47411
Slope = -0.0023477415
Mann-Kendall Trend : no trend
P Value: 0.53583
Mann-Kendall S Value: -13.0
FE (Ug/L)
Date
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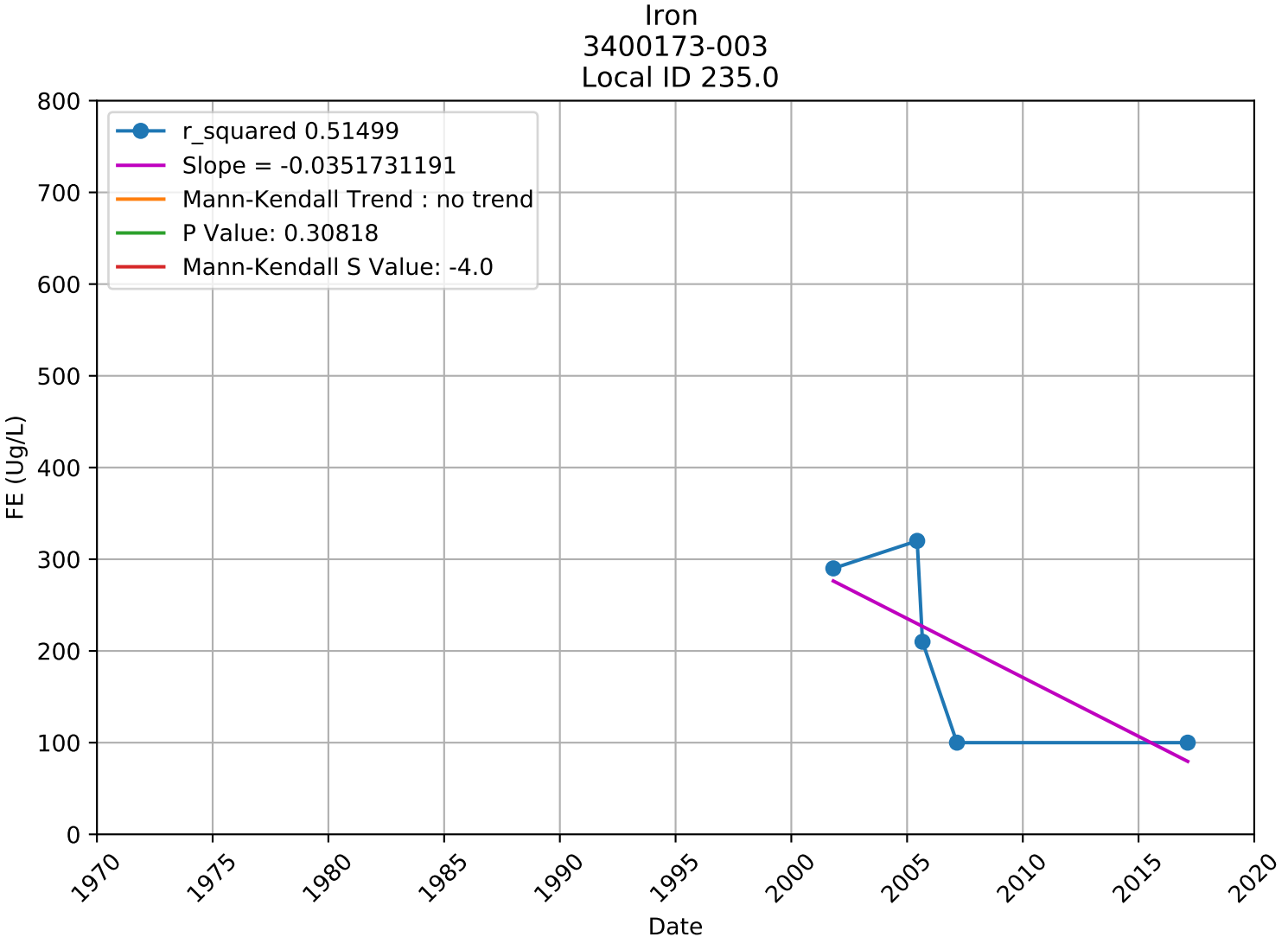

Iron
3110040-001
Local ID 2063.0
r_squared 0.15285
Slope = 0.0123566005
Mann-Kendall Trend : no trend
P Value: 0.32448
Mann-Kendall S Value: 13.0
FE (Ug/L)
Date
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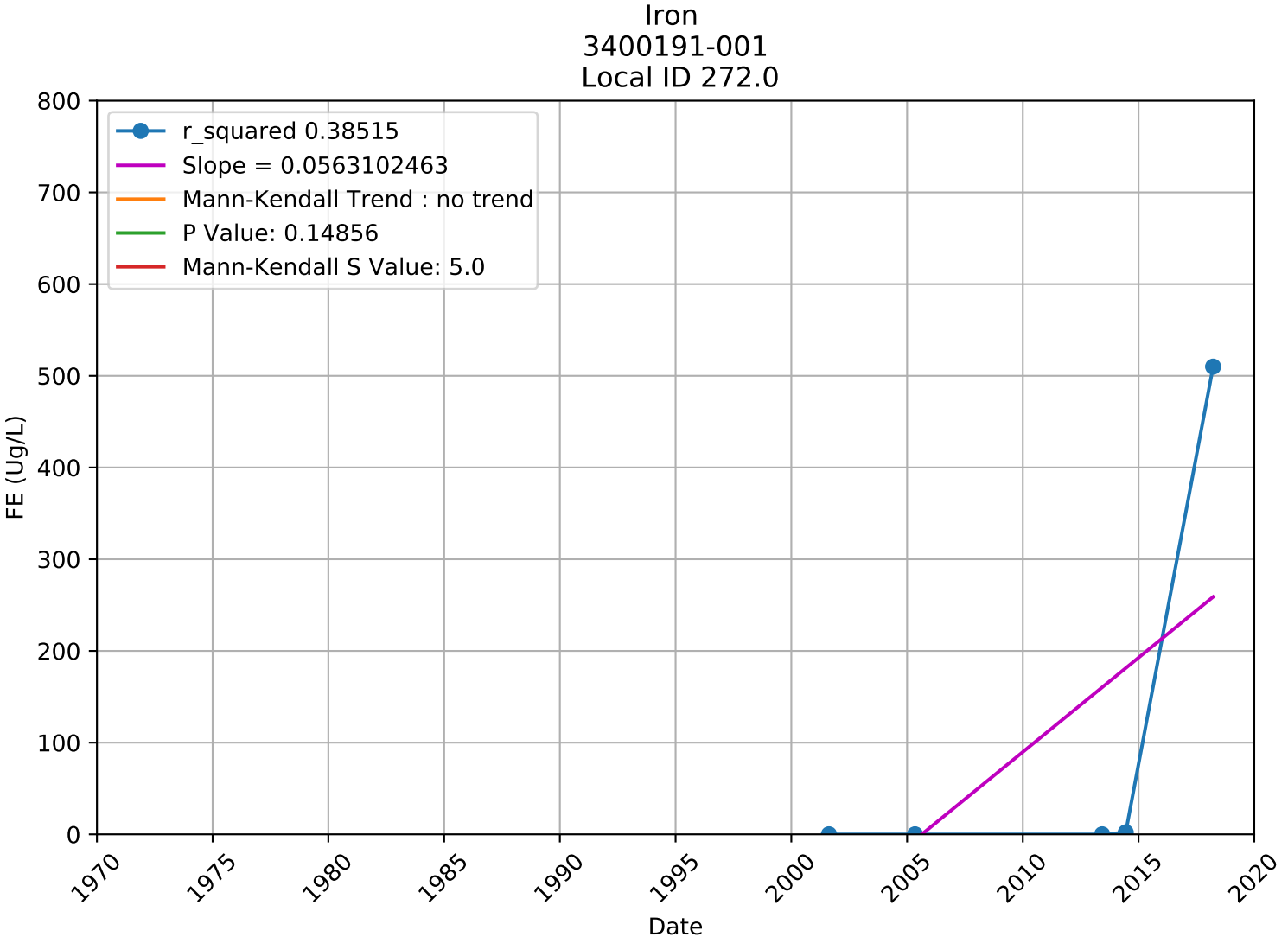

Iron
3110040-002
Local ID 2067.0
r_squared 0.12056
Slope = -0.0099410009
Mann-Kendall Trend : no trend
P Value: 0.07785
Mann-Kendall S Value: -17.0
FE (Ug/L)
Date
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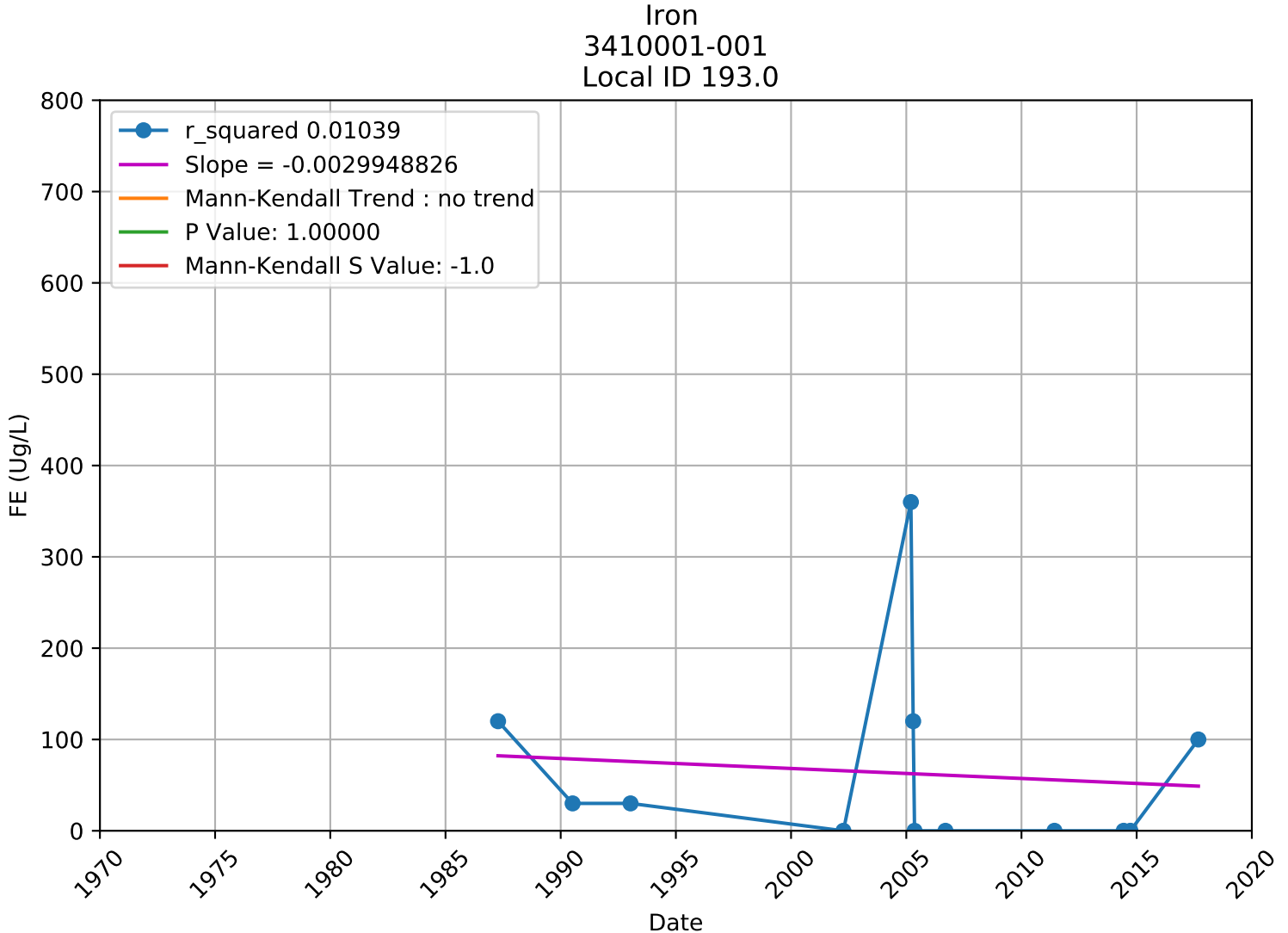

Iron
3110048-001
Local ID 2054.0
r_squared 0.89672
Slope = 0.0168359275
Mann-Kendall Trend : no trend
P Value: 0.08943
Mann-Kendall S Value: 6.0
FE (Ug/L)
Date
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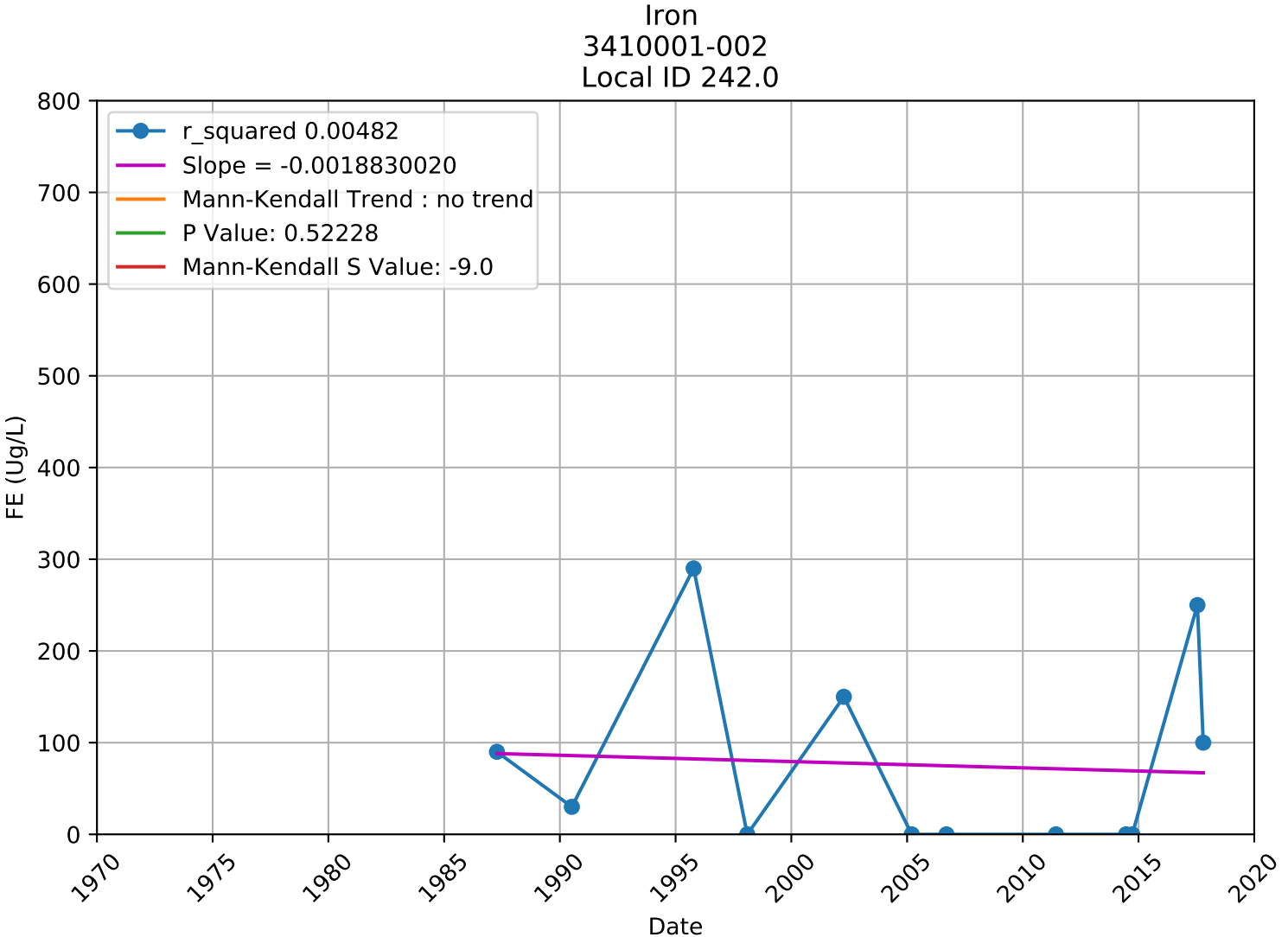

Iron
3110048-002
Local ID 2058.0
r_squared 0.05707
Slope = -0.0029011245
Mann-Kendall Trend : no trend
P Value: 0.73410
Mann-Kendall S Value: -2.0
FE (Ug/L)
Date
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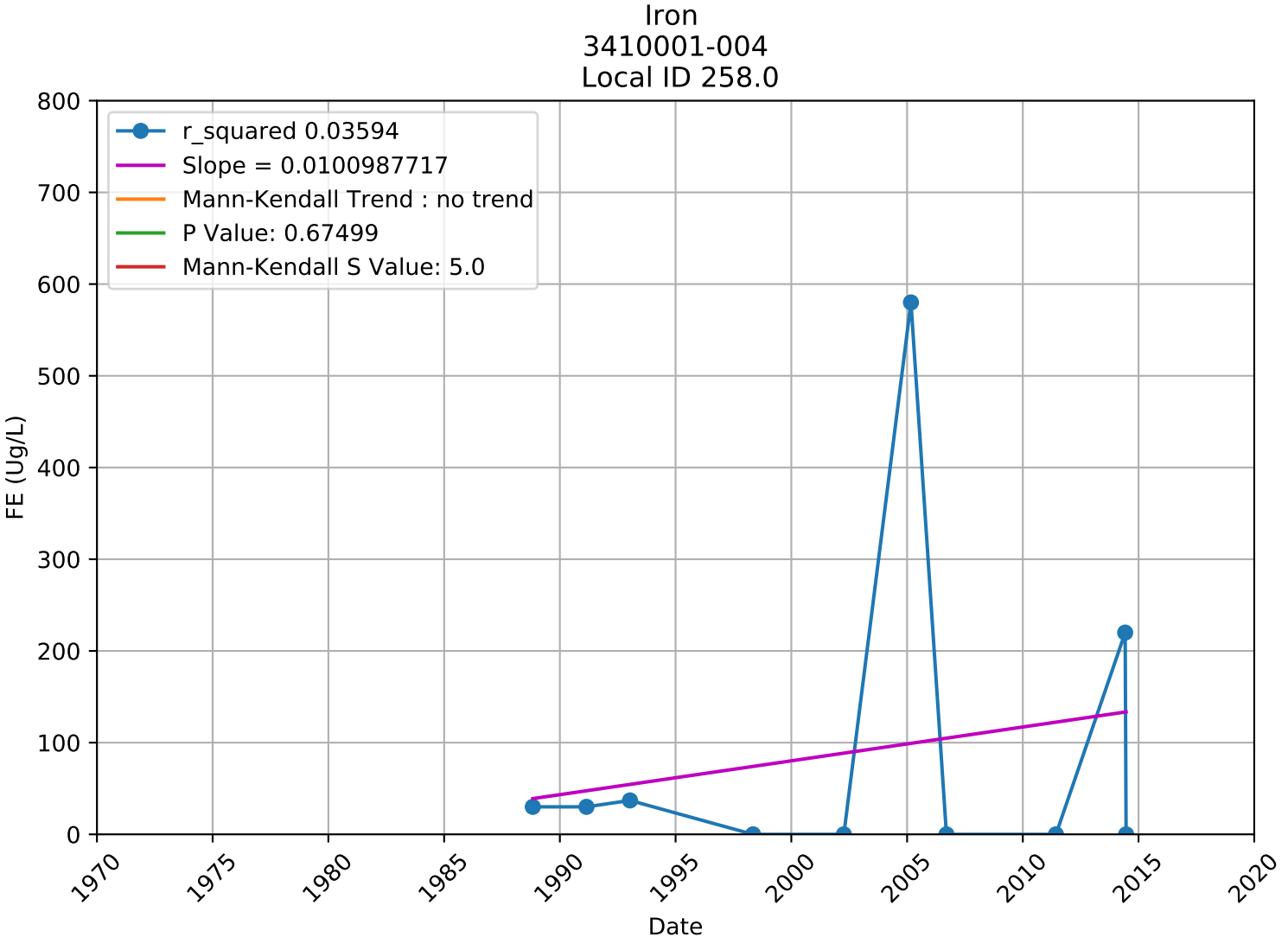

Iron
3400173-002
Local ID 145.0
r_squared 0.04934
Slope = -0.0057540269
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
FE (Ug/L)
Date
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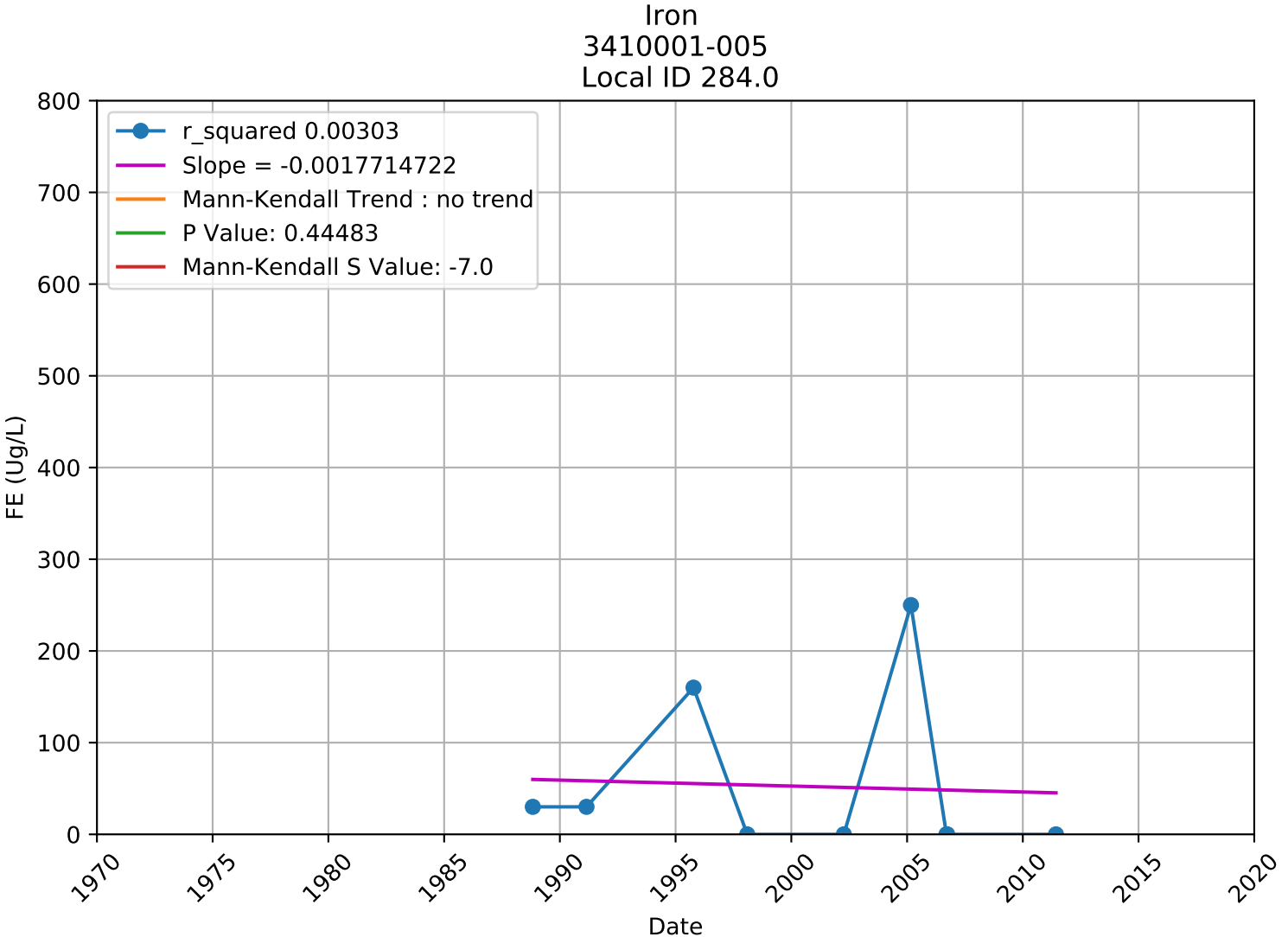

Iron
3400173-003
Local ID 235.0
r_squared 0.51499
Slope = -0.0351731191
Mann-Kendall Trend : no trend
P Value: 0.30818
Mann-Kendall S Value: -4.0
FE (Ug/L)
Date
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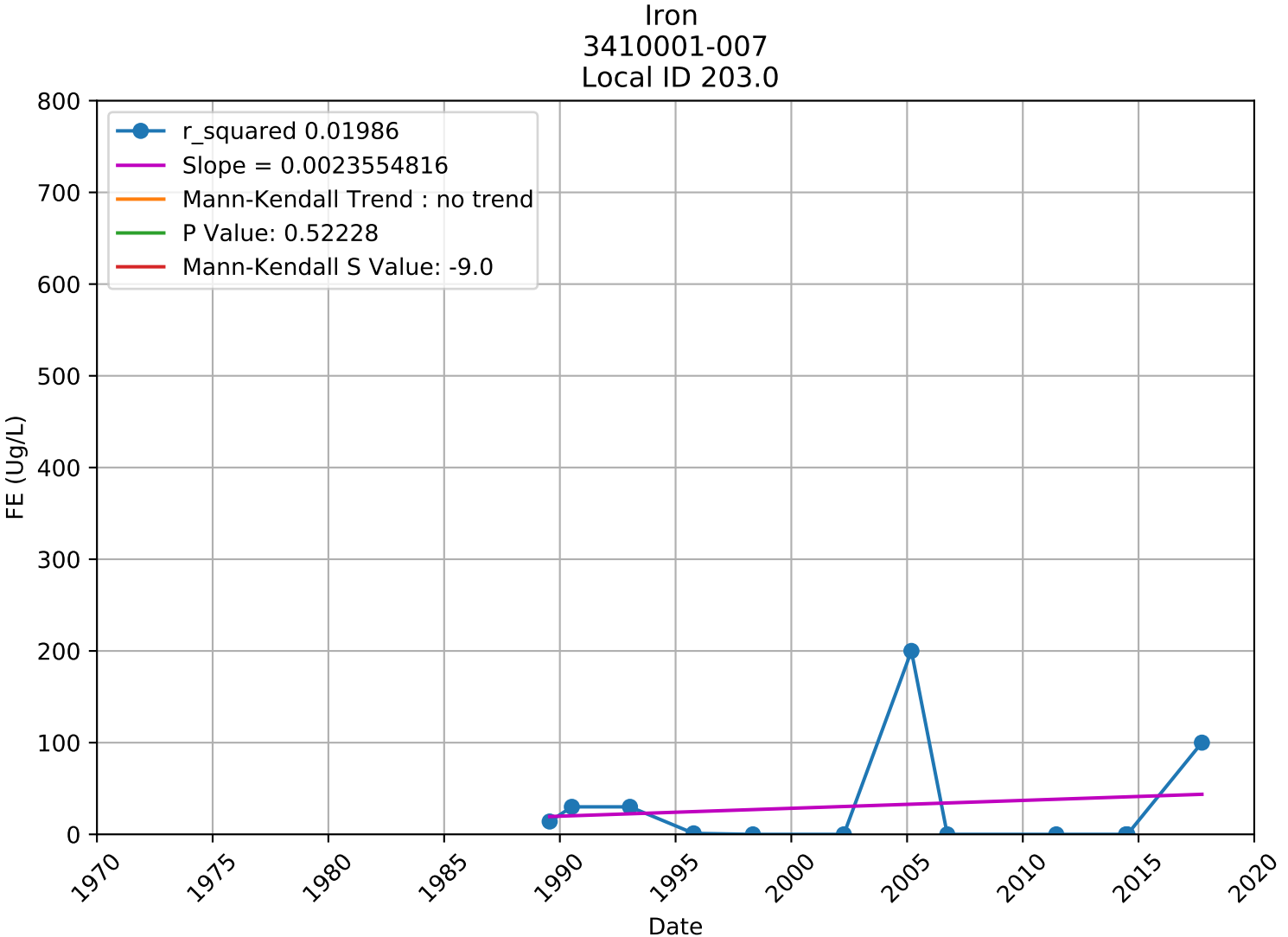

Iron
3400191-001
Local ID 272.0
r_squared 0.38515
Slope = 0.0563102463
Mann-Kendall Trend : no trend
P Value: 0.14856
Mann-Kendall S Value: 5.0
FE (Ug/L)
Date
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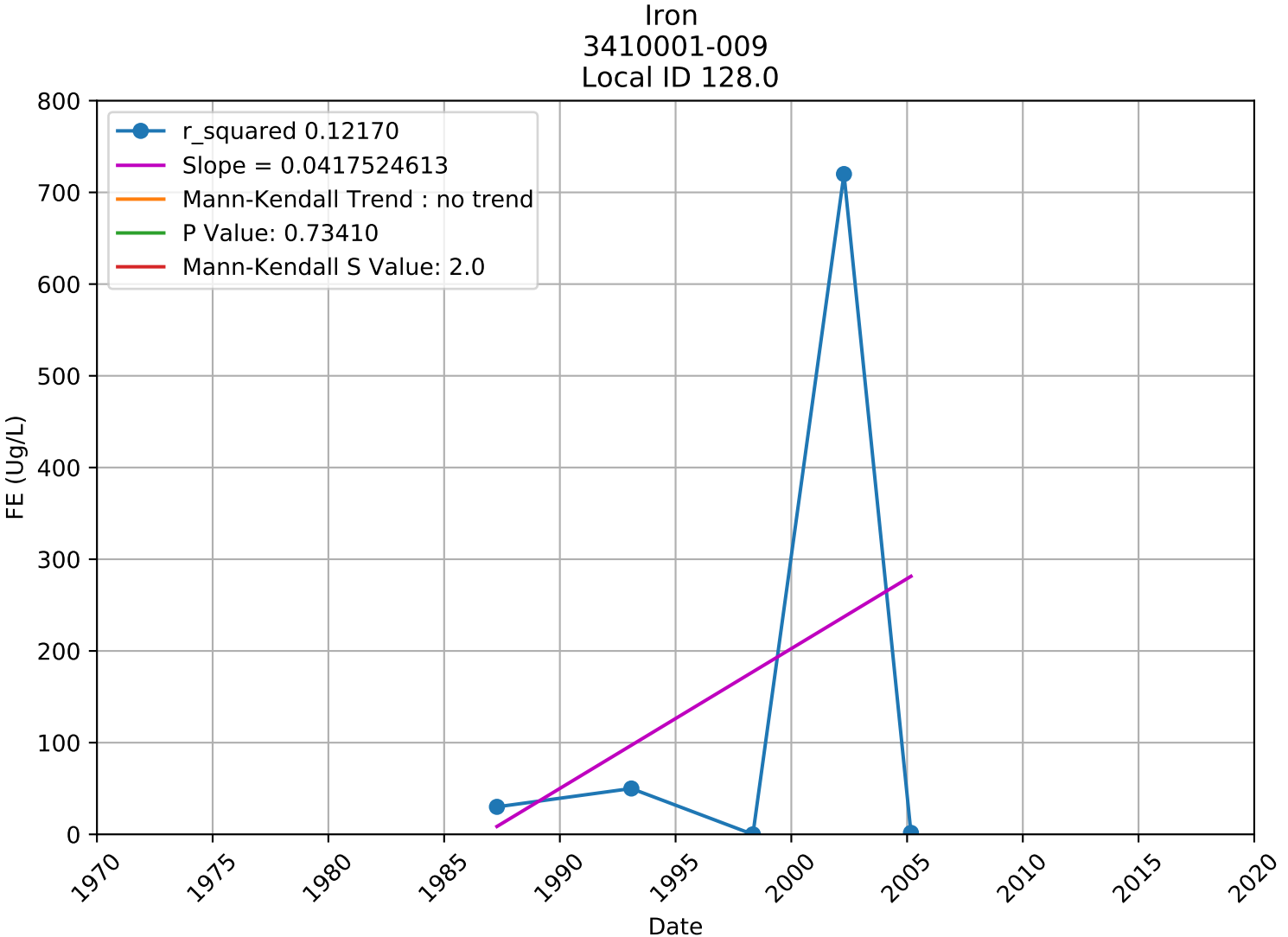

Iron
3410001-001
Local ID 193.0
r_squared 0.01039
Slope = -0.0029948826
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
FE (Ug/L)
Date
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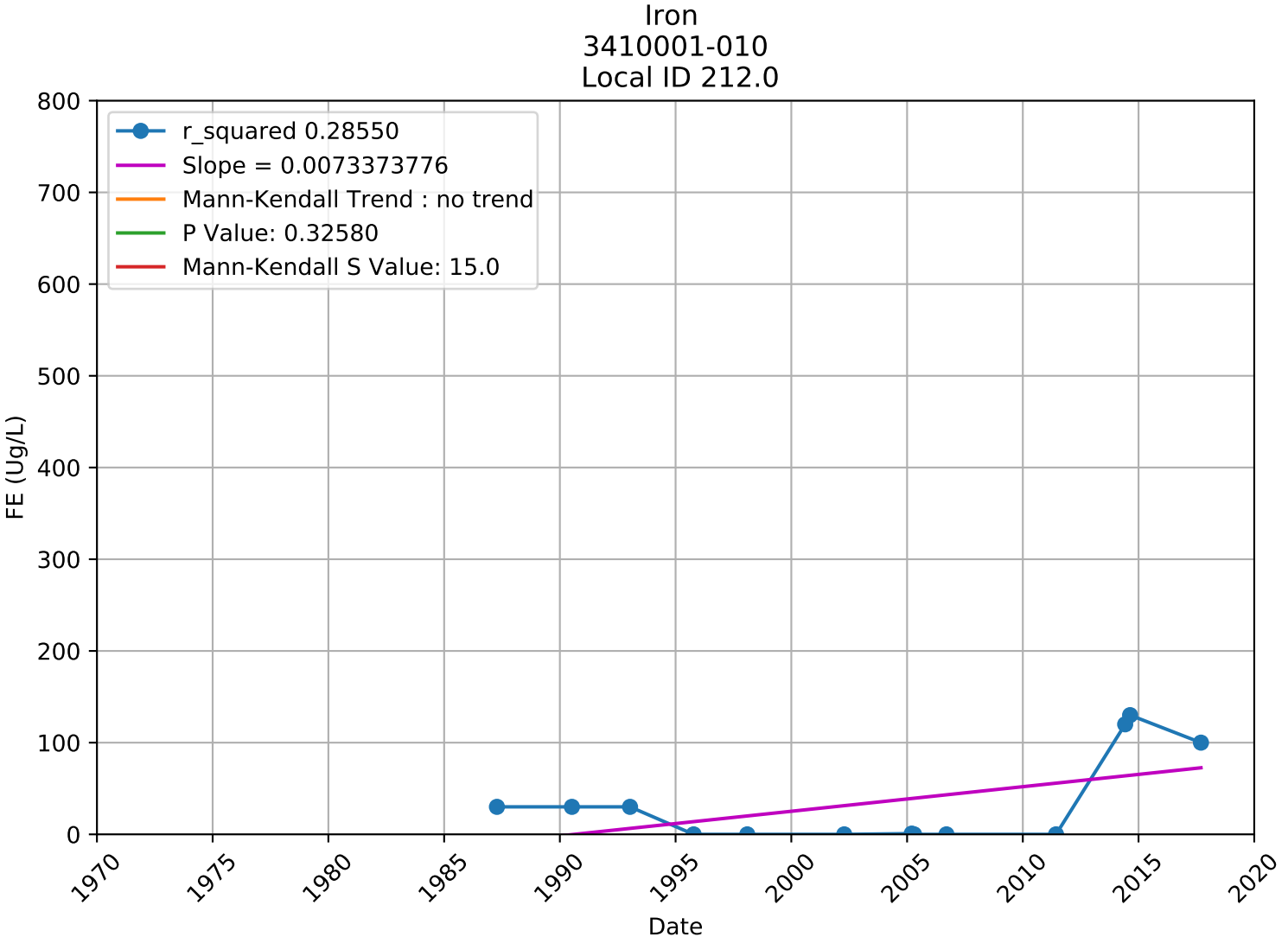

Iron
3410001-002
Local ID 242.0
r_squared 0.00482
Slope = -0.0018830020
Mann-Kendall Trend : no trend
P Value: 0.52228
Mann-Kendall S Value: -9.0
FE (Ug/L)
Date
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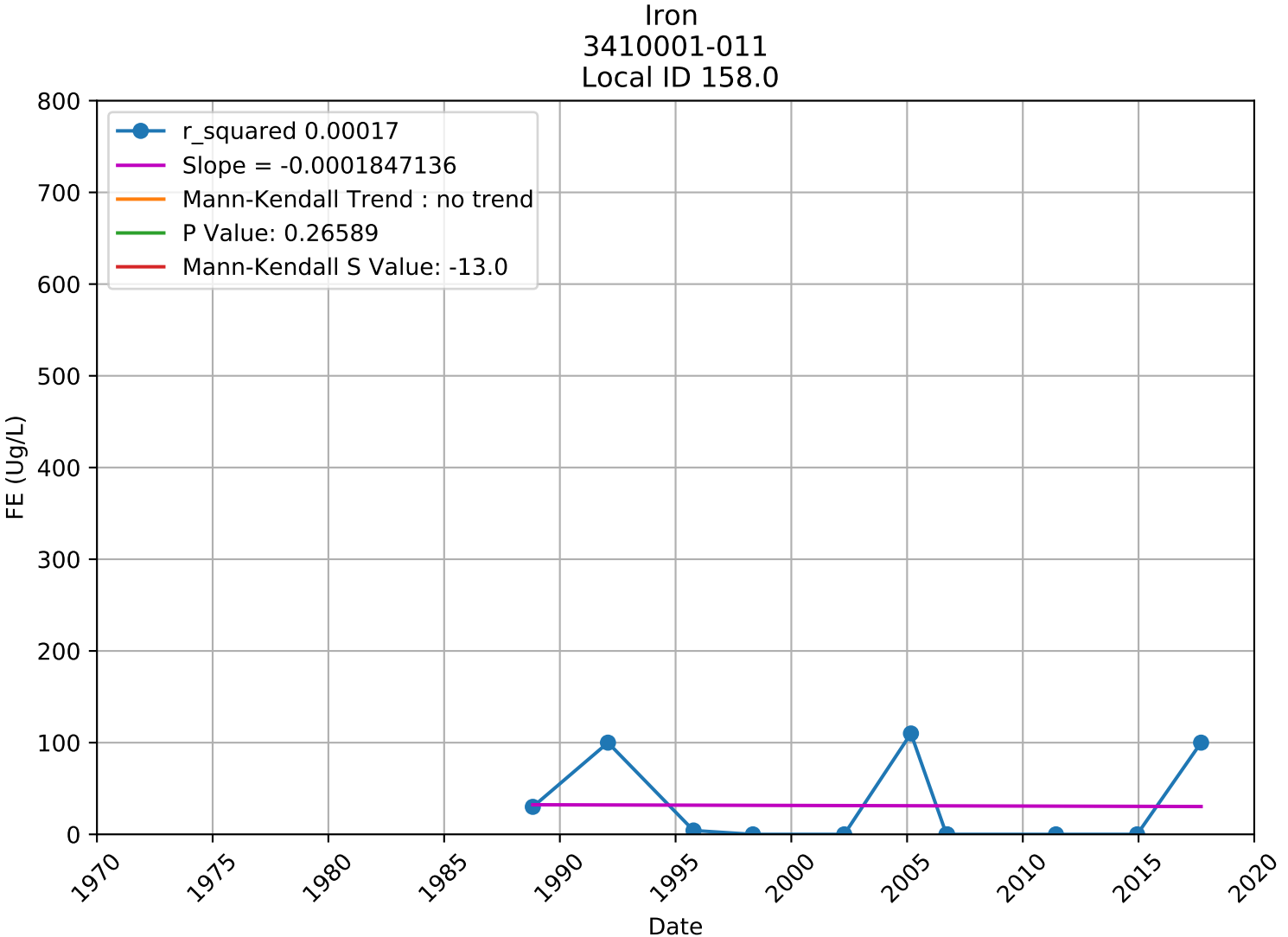

Iron
3410001-004
Local ID 258.0
r_squared 0.03594
Slope = 0.0100987717
Mann-Kendall Trend : no trend
P Value: 0.67499
Mann-Kendall S Value: 5.0
FE (Ug/L)
Date
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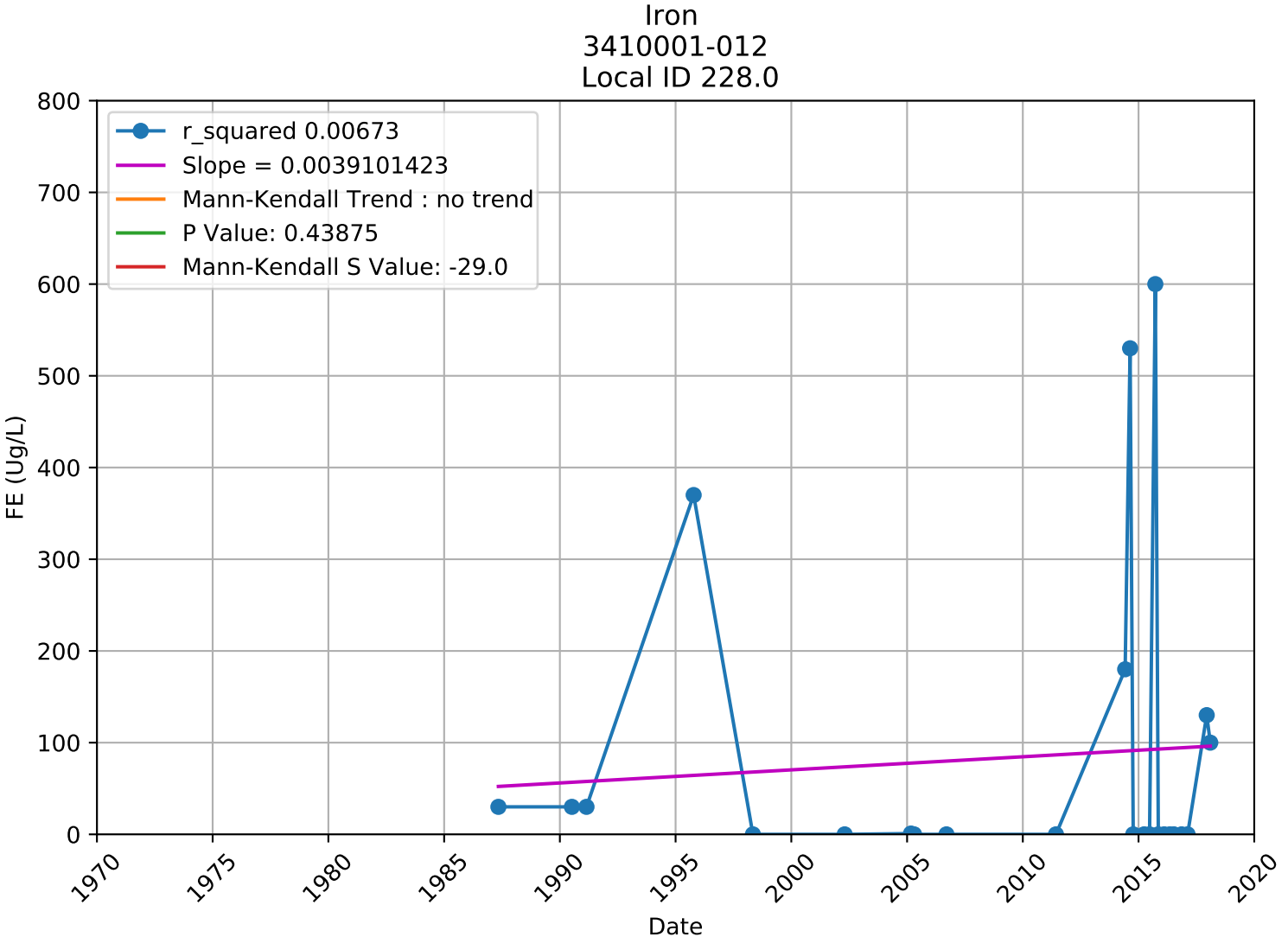

Iron
3410001-005
Local ID 284.0
r_squared 0.00303
Slope = -0.0017714722
Mann-Kendall Trend : no trend
P Value: 0.44483
Mann-Kendall S Value: -7.0
FE (Ug/L)
Date
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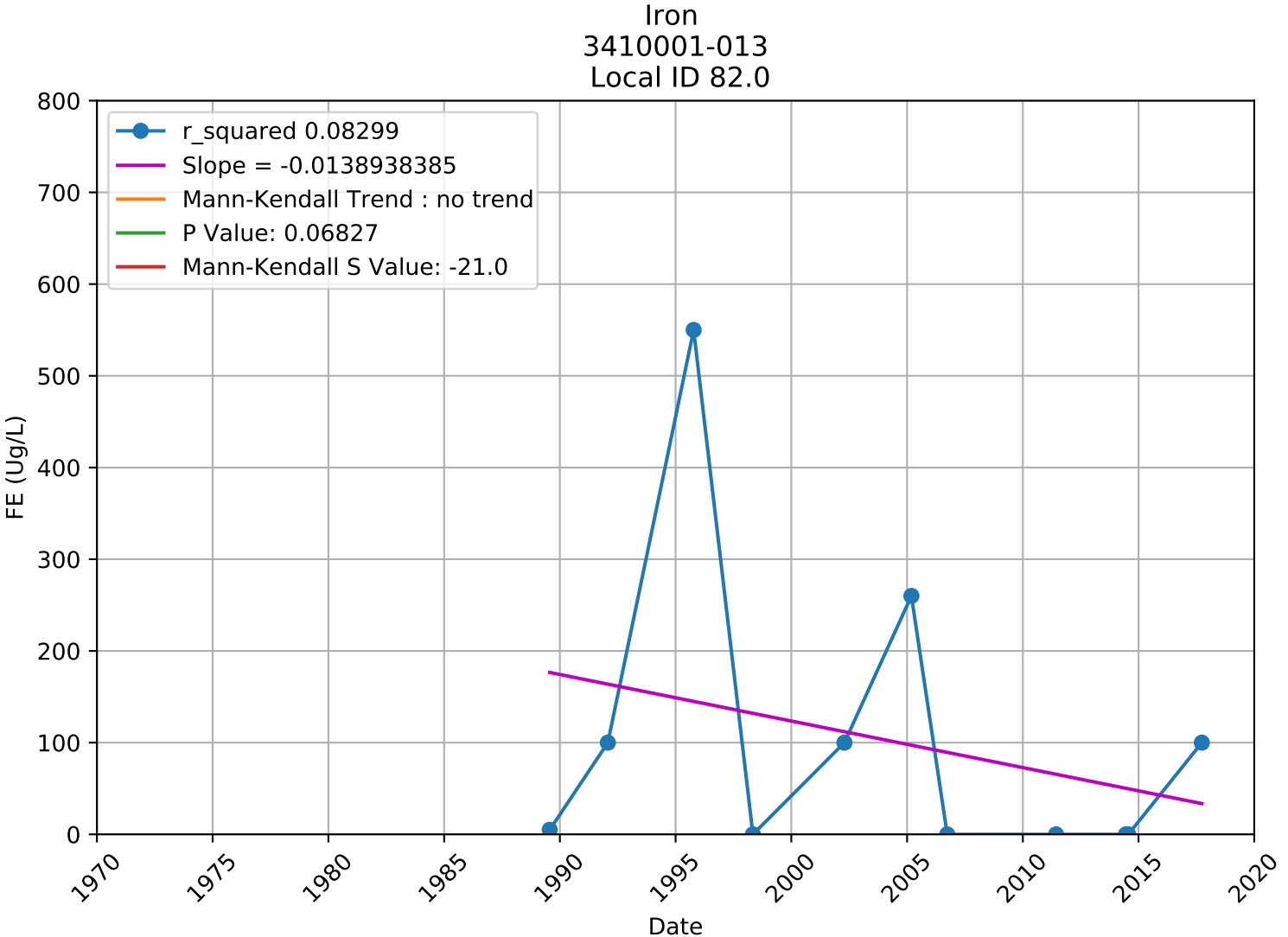

Iron
3410001-007
Local ID 203.0
r_squared 0.01986
Slope = 0.0023554816
Mann-Kendall Trend : no trend
P Value: 0.52228
Mann-Kendall S Value: -9.0
FE (Ug/L)
Date
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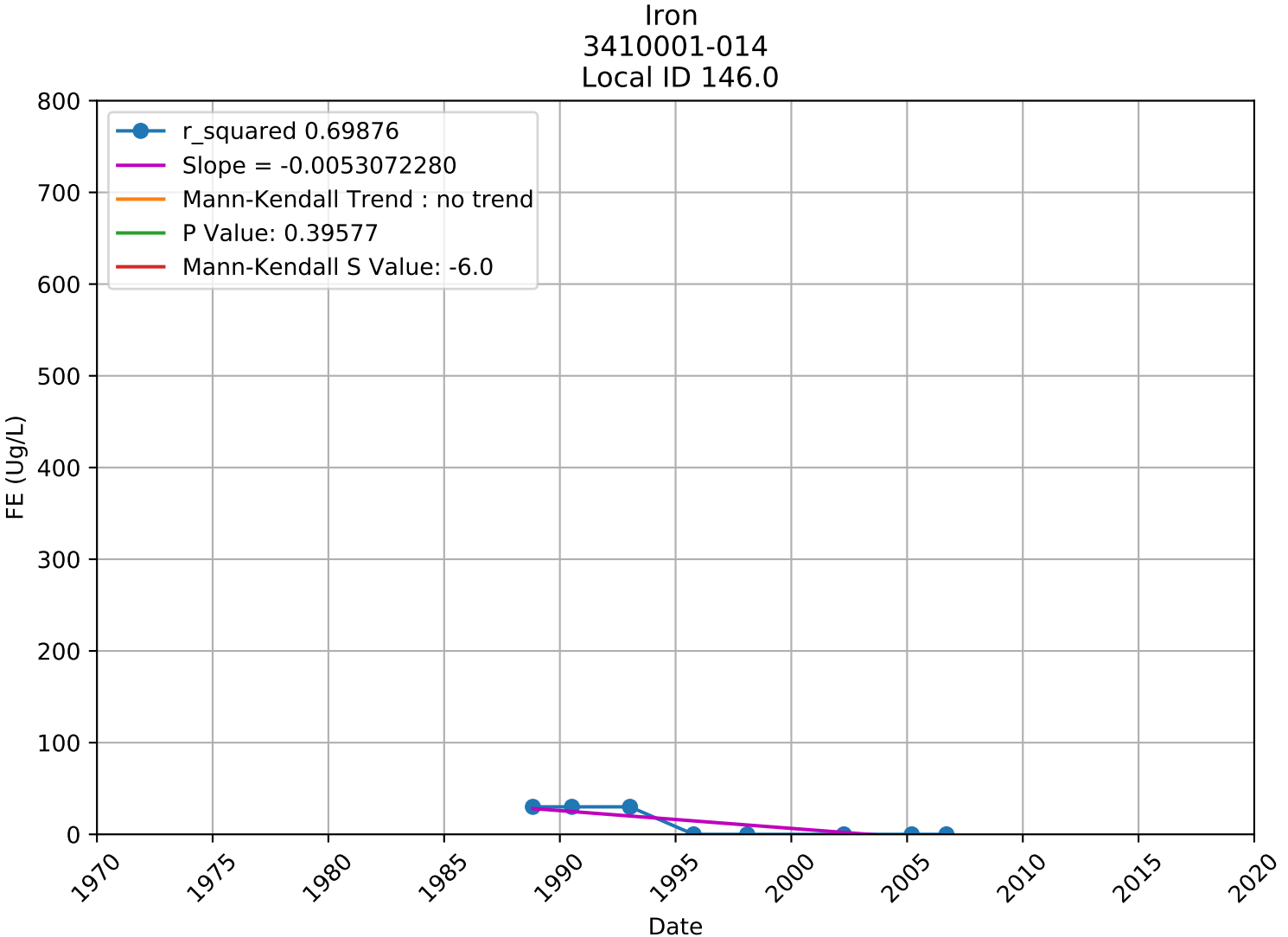

Iron
3410001-009
Local ID 128.0
r_squared 0.12170
Slope = 0.0417524613
Mann-Kendall Trend : no trend
P Value: 0.73410
Mann-Kendall S Value: 2.0
FE (Ug/L)
Date
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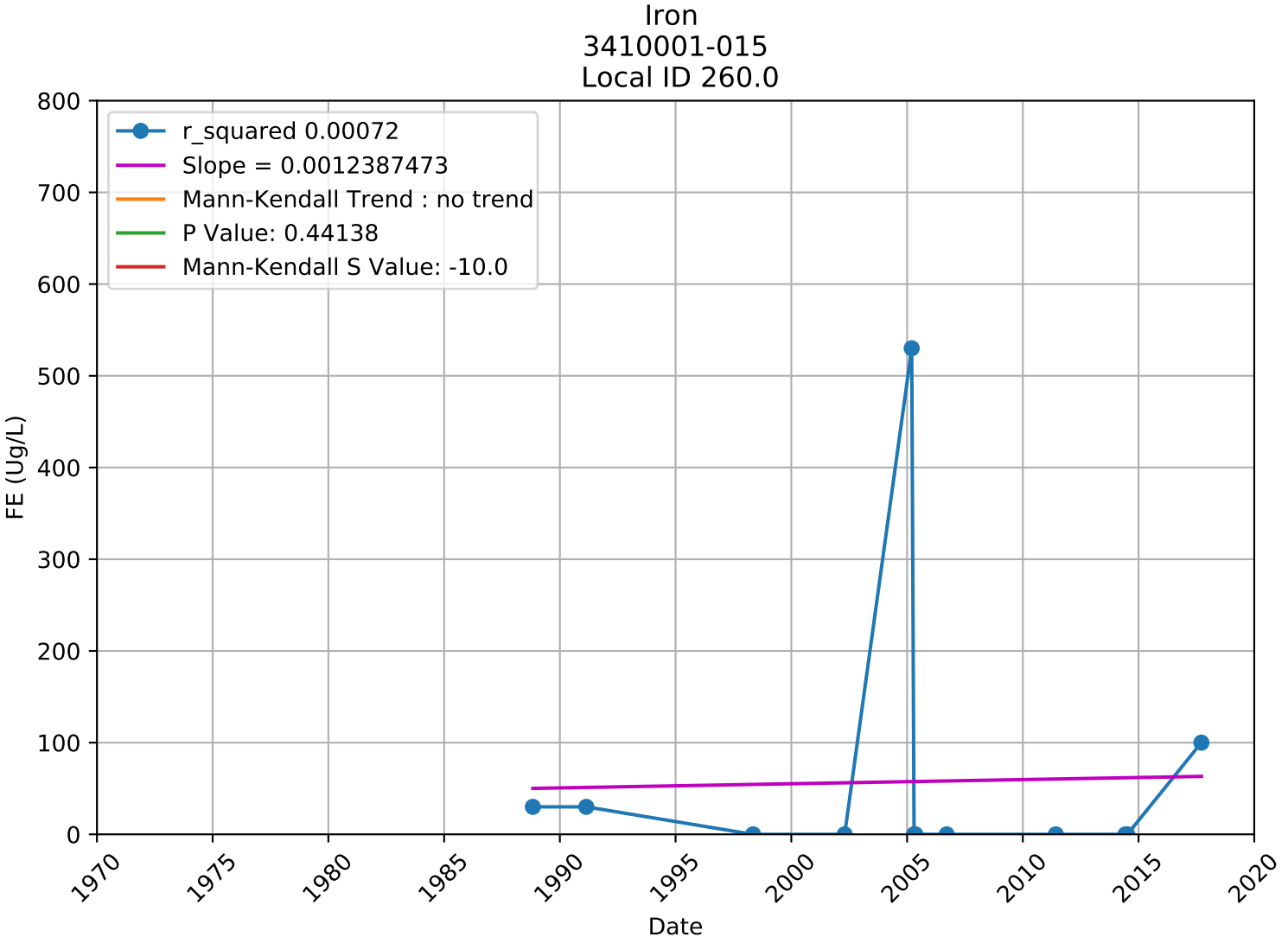

Iron
3410001-010
Local ID 212.0
r_squared 0.28550
Slope = 0.0073373776
Mann-Kendall Trend : no trend
P Value: 0.32580
Mann-Kendall S Value: 15.0
FE (Ug/L)
Date
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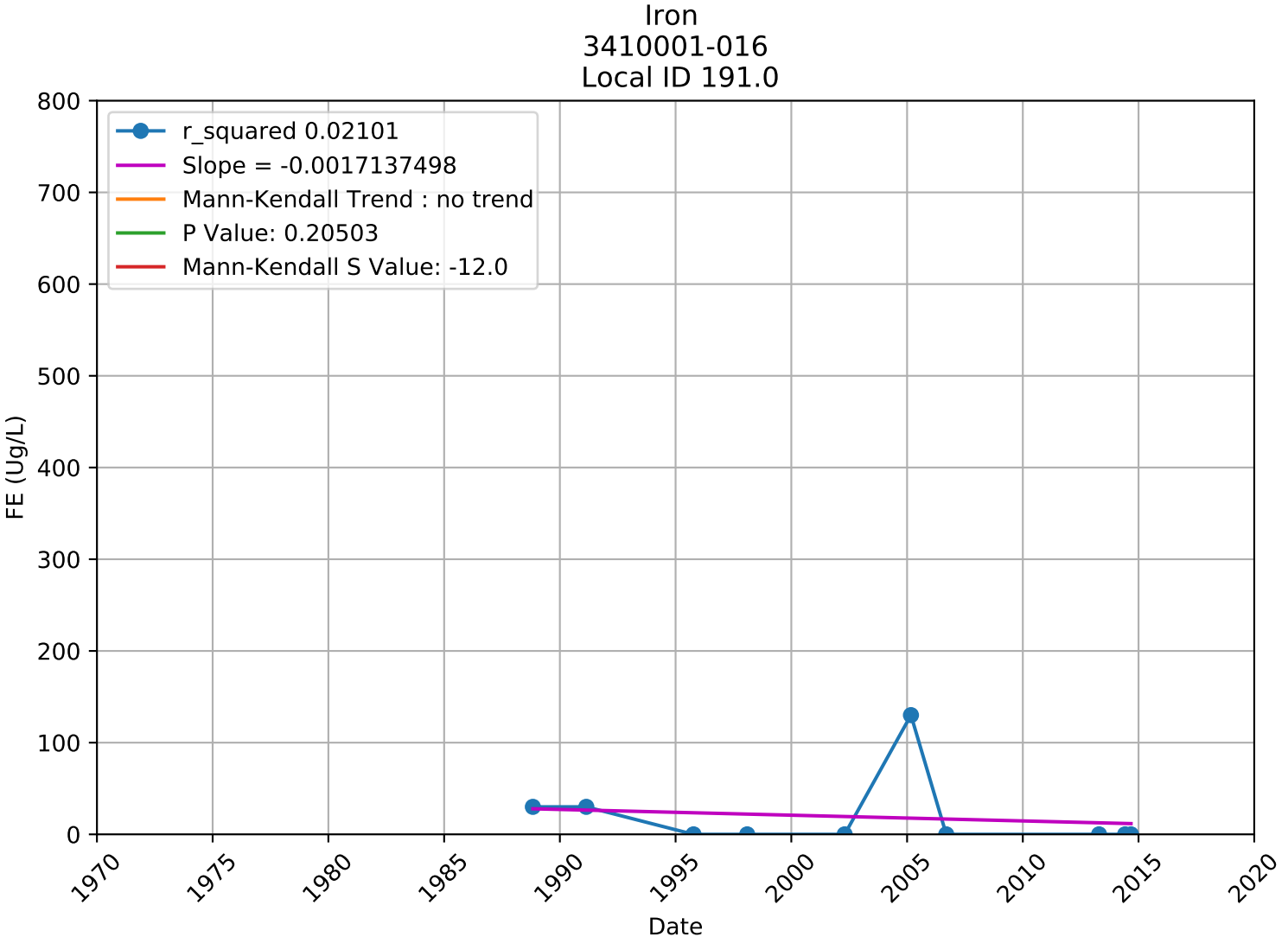

Iron
3410001-011
Local ID 158.0
r_squared 0.00017
Slope = -0.0001847136
Mann-Kendall Trend : no trend
P Value: 0.26589
Mann-Kendall S Value: -13.0
FE (Ug/L)
Date
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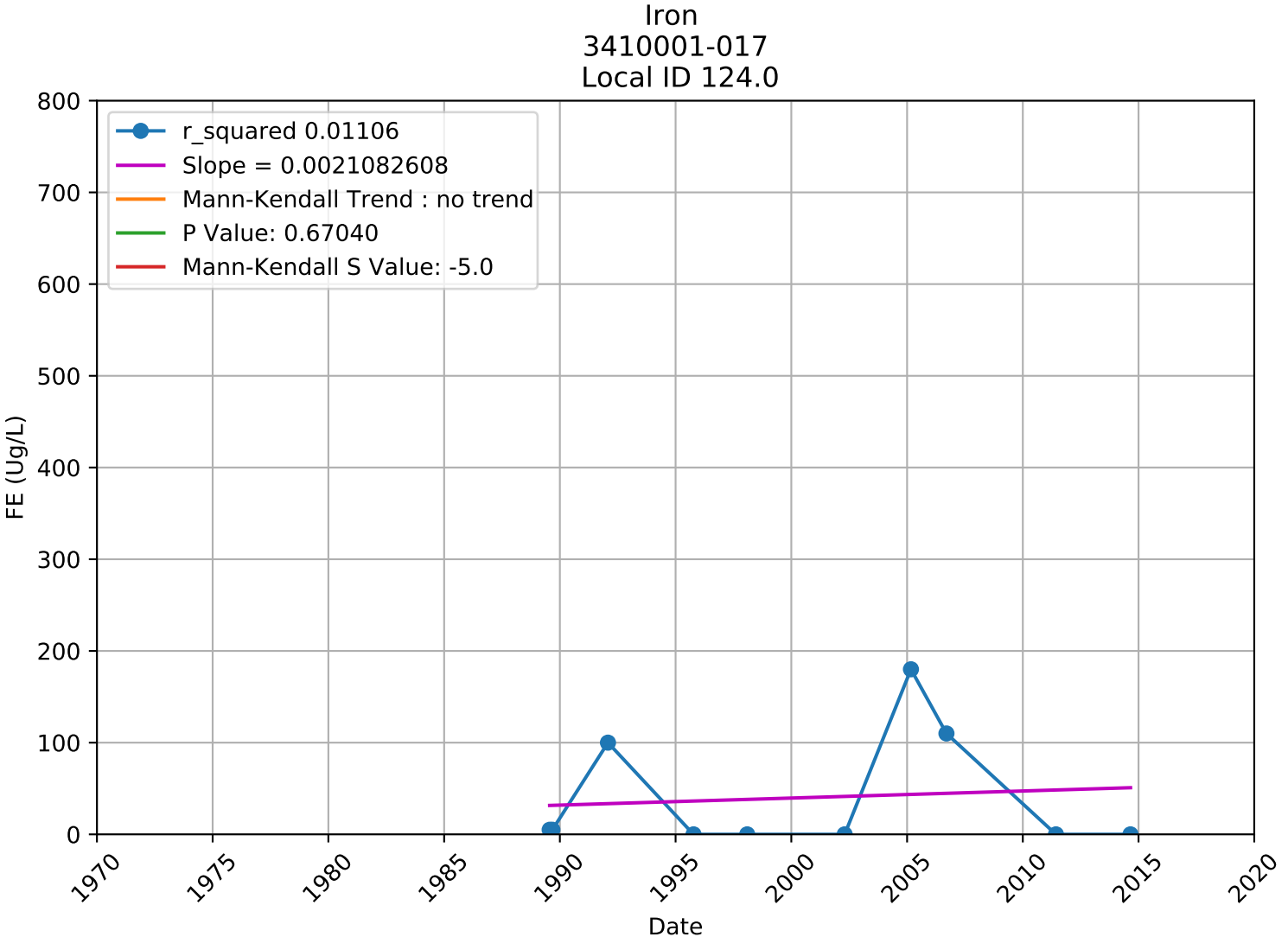

Iron
3410001-012
Local ID 228.0
r_squared 0.00673
Slope = 0.0039101423
Mann-Kendall Trend : no trend
P Value: 0.43875
Mann-Kendall S Value: -29.0
FE (Ug/L)
Date
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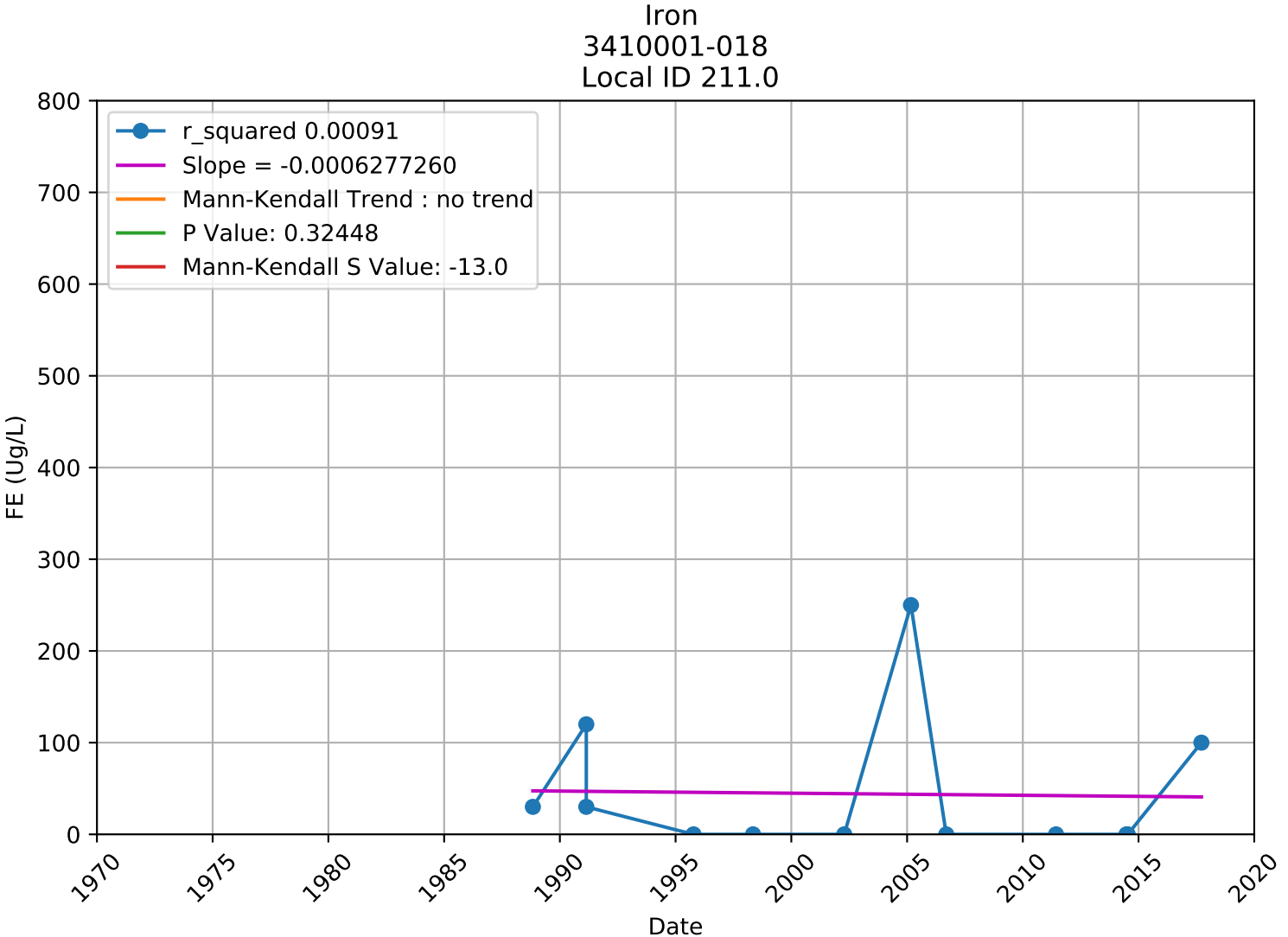

Iron
3410001-013
Local ID 82.0
r_squared 0.08299
Slope = -0.0138938385
Mann-Kendall Trend : no trend
P Value: 0.06827
Mann-Kendall S Value: -21.0
FE (Ug/L)
Date
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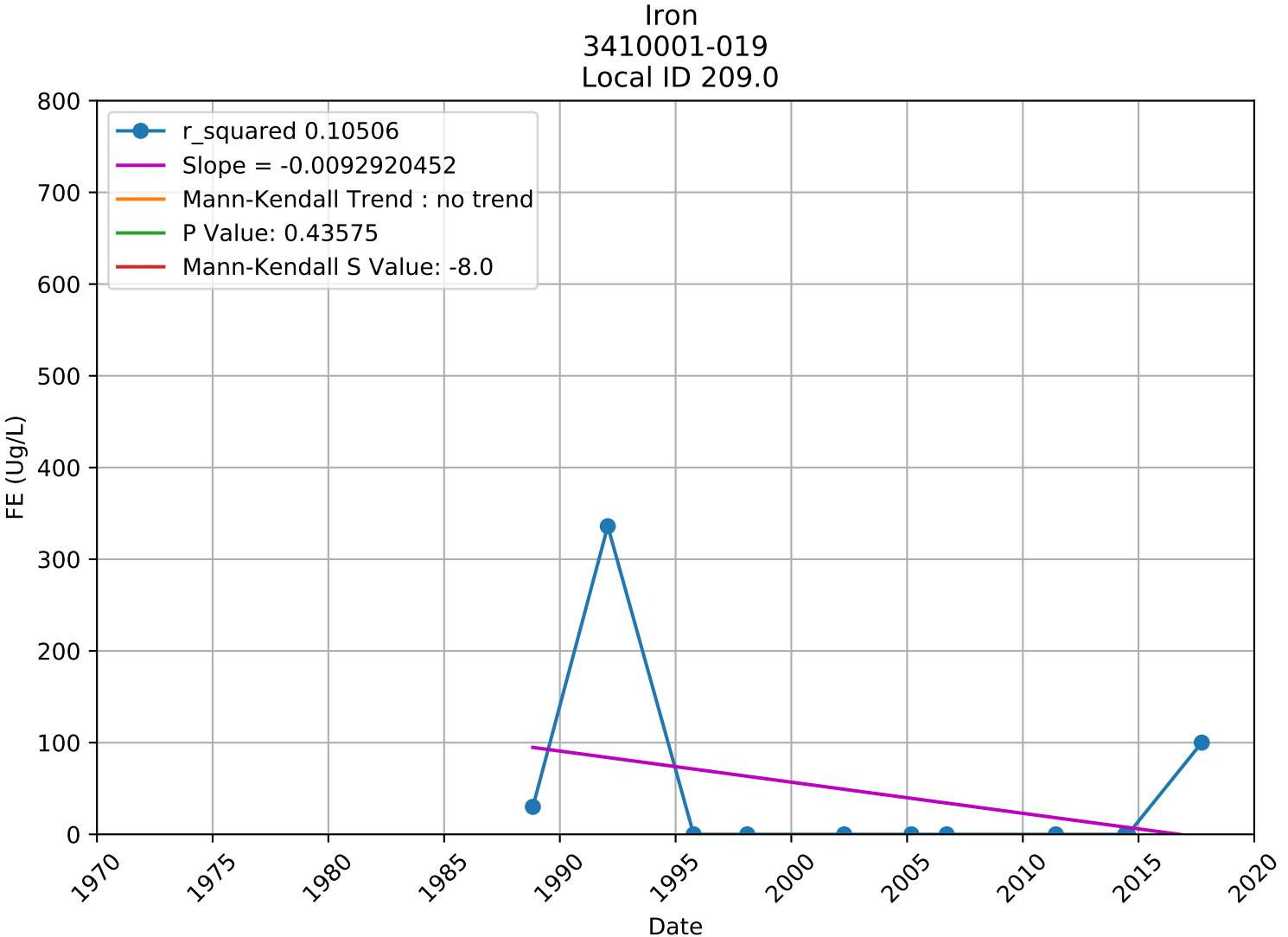

Iron
3410001-014
Local ID 146.0
r_squared 0.69876
Slope = -0.0053072280
Mann-Kendall Trend : no trend
P Value: 0.39577
Mann-Kendall S Value: -6.0
FE (Ug/L)
Date
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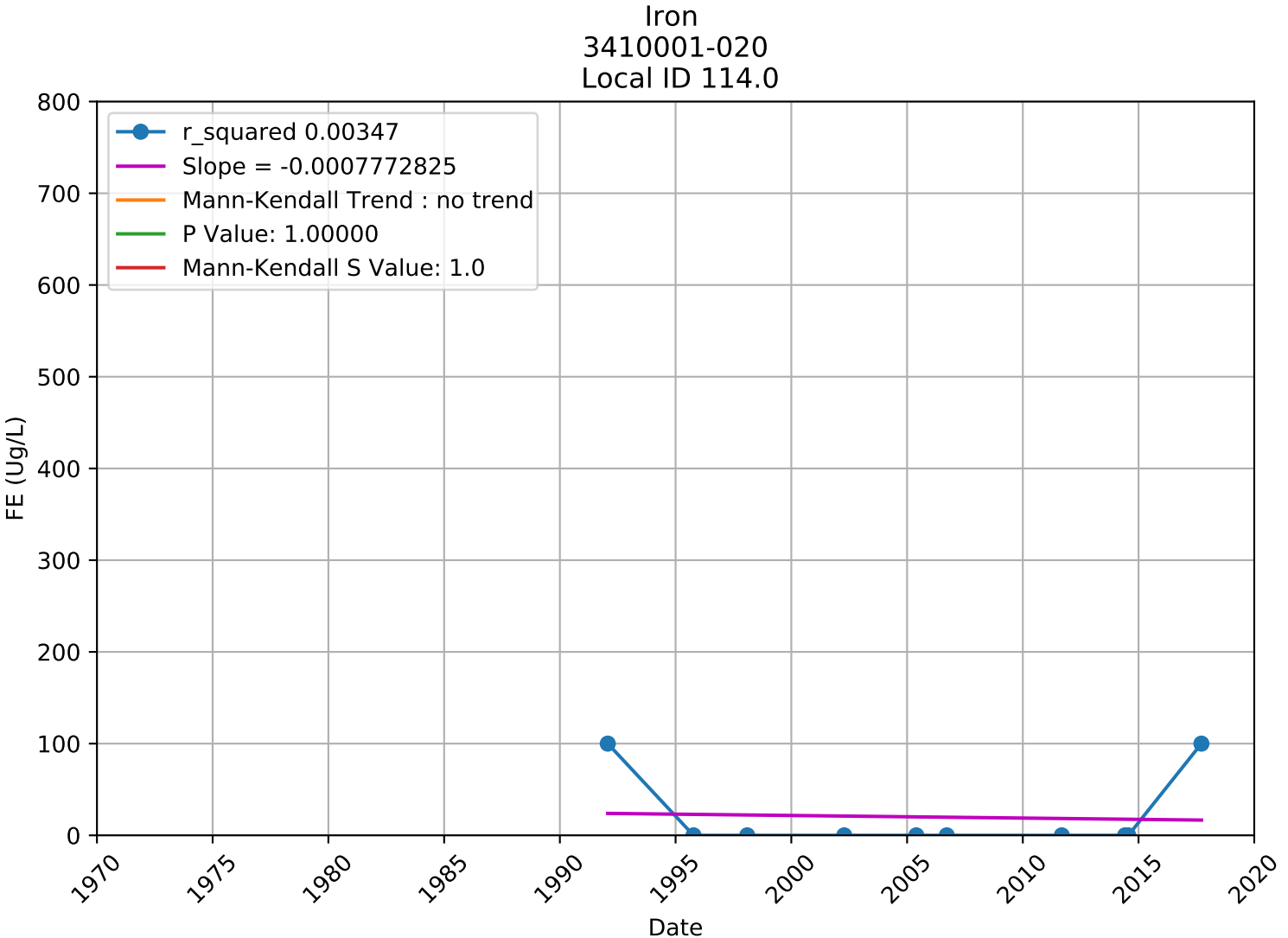

Iron
3410001-015
Local ID 260.0
r_squared 0.00072
Slope = 0.0012387473
Mann-Kendall Trend : no trend
P Value: 0.44138
Mann-Kendall S Value: -10.0
FE (Ug/L)
Date
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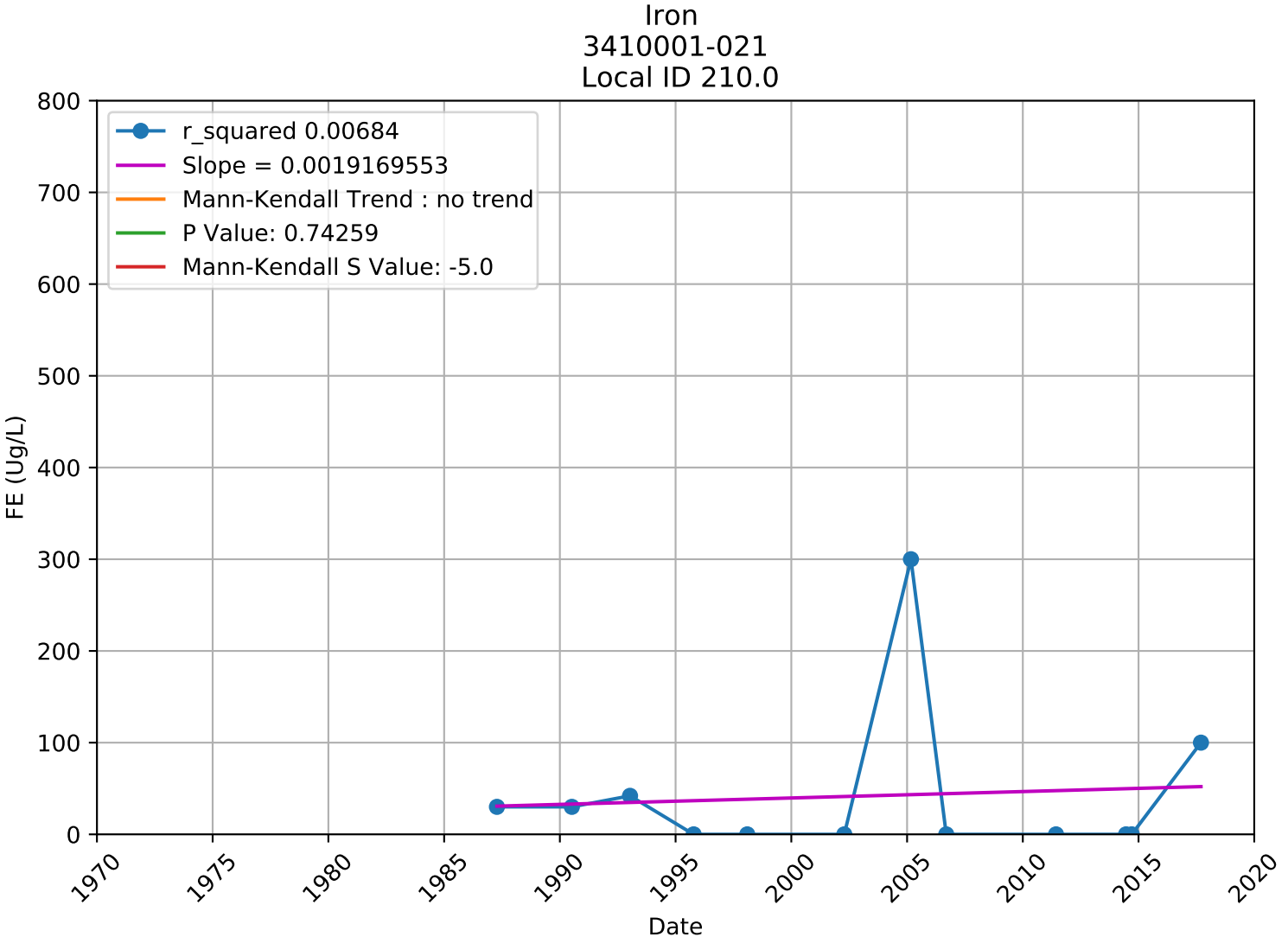

Iron
3410001-016
Local ID 191.0
r_squared 0.02101
Slope = -0.0017137498
Mann-Kendall Trend : no trend
P Value: 0.20503
Mann-Kendall S Value: -12.0
FE (Ug/L)
Date
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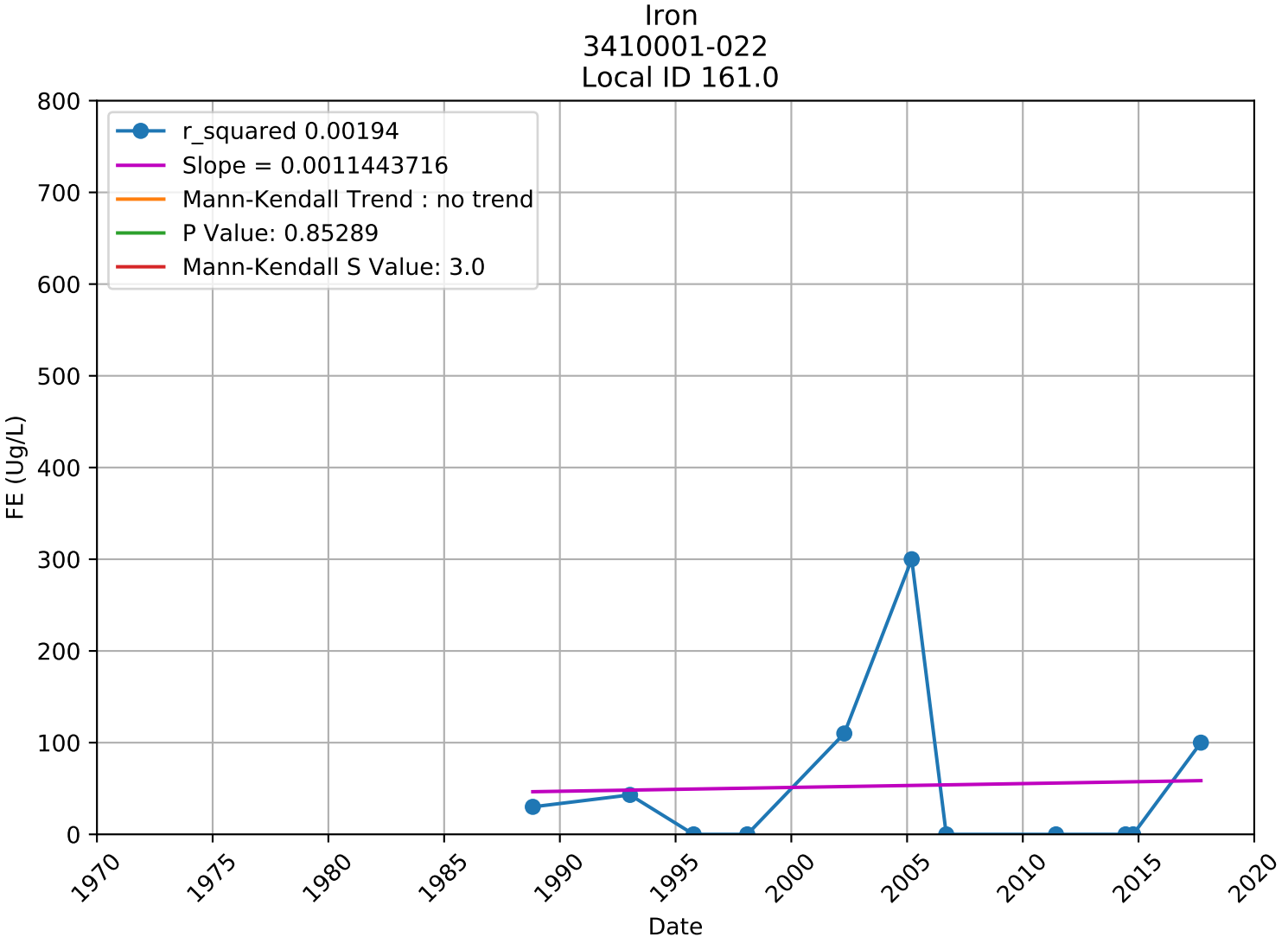

Iron
3410001-017
Local ID 124.0
r_squared 0.01106
Slope = 0.0021082608
Mann-Kendall Trend : no trend
P Value: 0.67040
Mann-Kendall S Value: -5.0
FE (Ug/L)
Date
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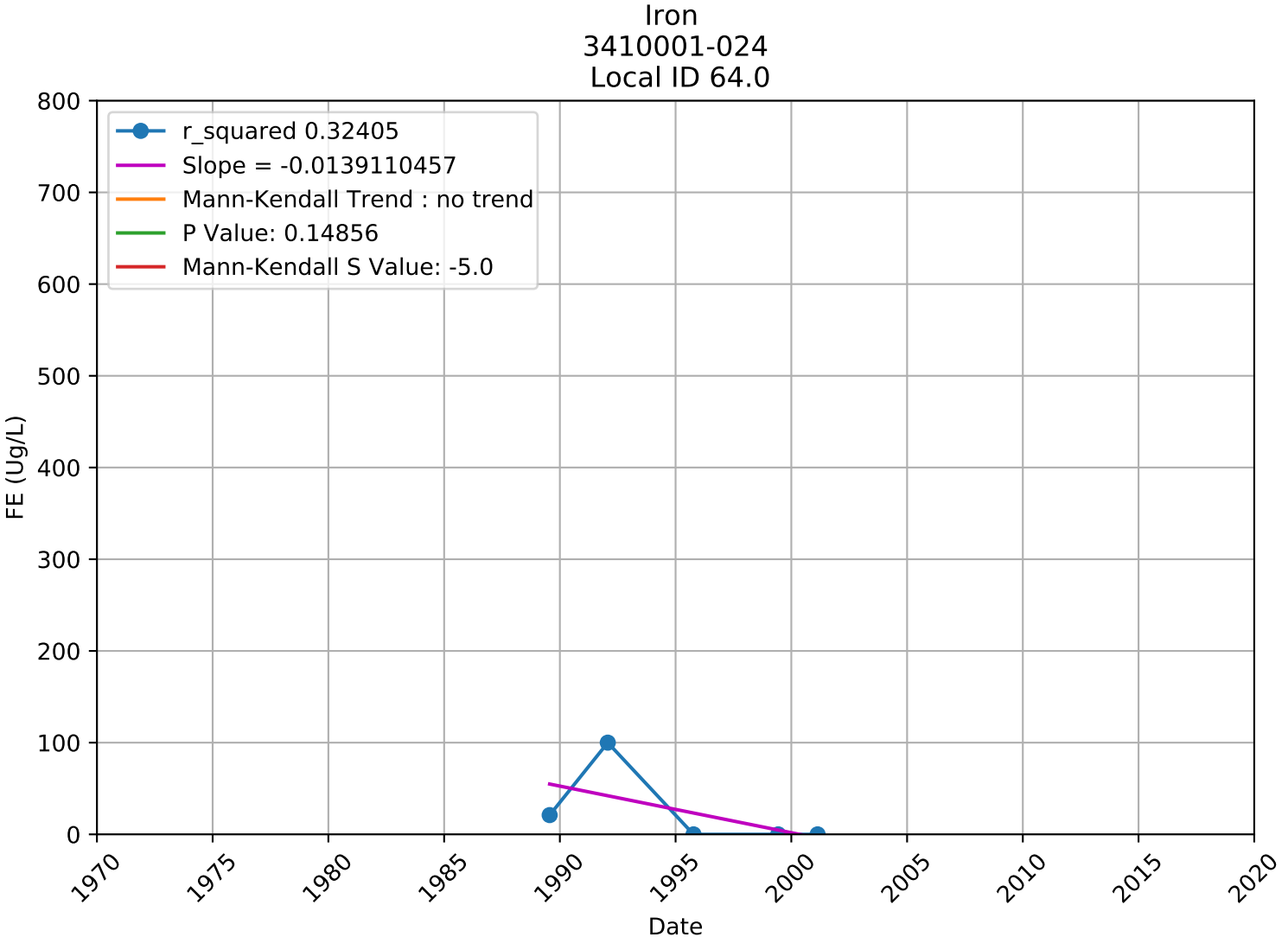

Iron
3410001-018
Local ID 211.0
r_squared 0.00091
Slope = -0.0006277260
Mann-Kendall Trend : no trend
P Value: 0.32448
Mann-Kendall S Value: -13.0
FE (Ug/L)
Date
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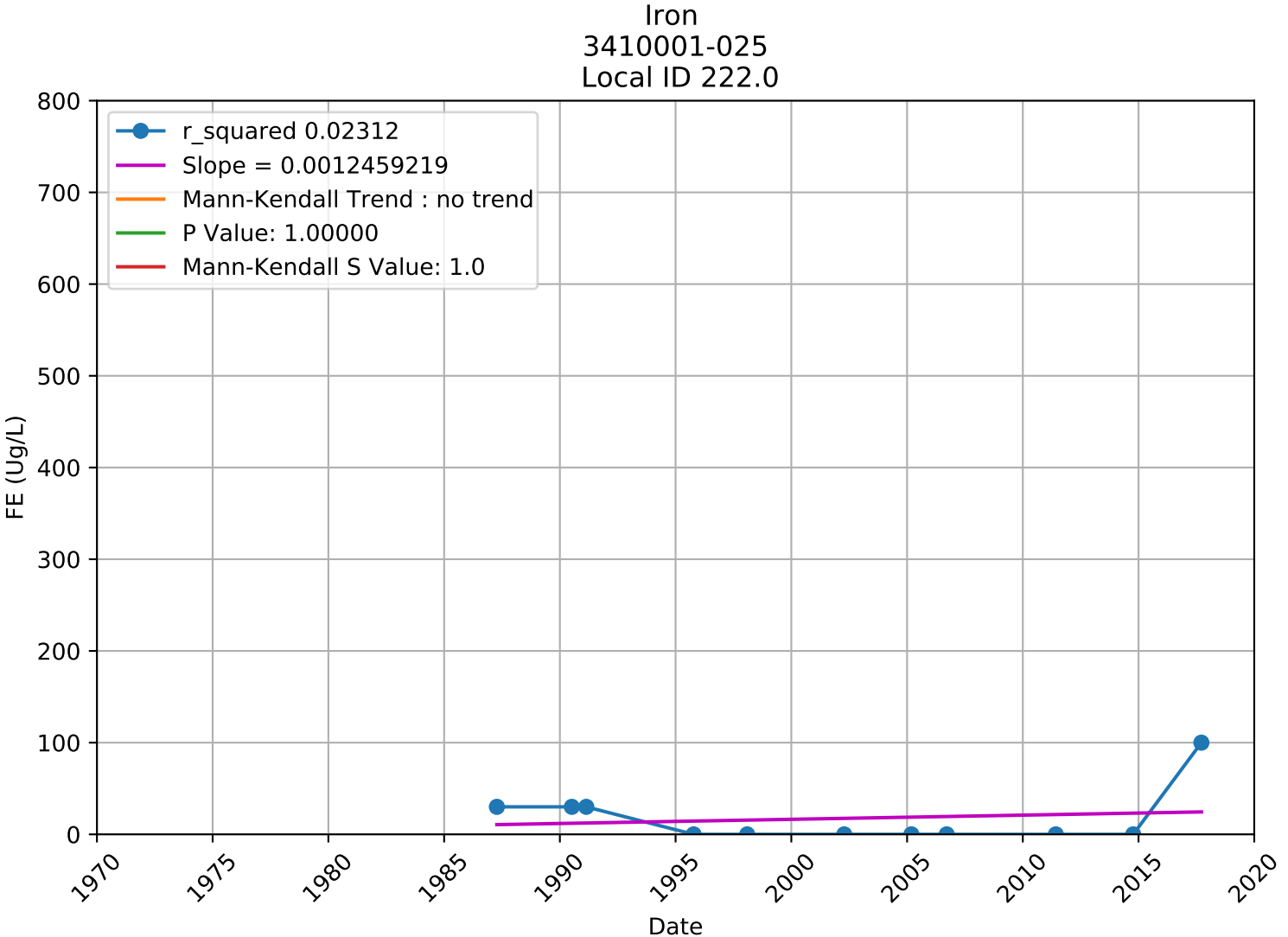

Iron
3410001-019
Local ID 209.0
r_squared 0.10506
Slope = -0.0092920452
Mann-Kendall Trend : no trend
P Value: 0.43575
Mann-Kendall S Value: -8.0
FE (Ug/L)
Date
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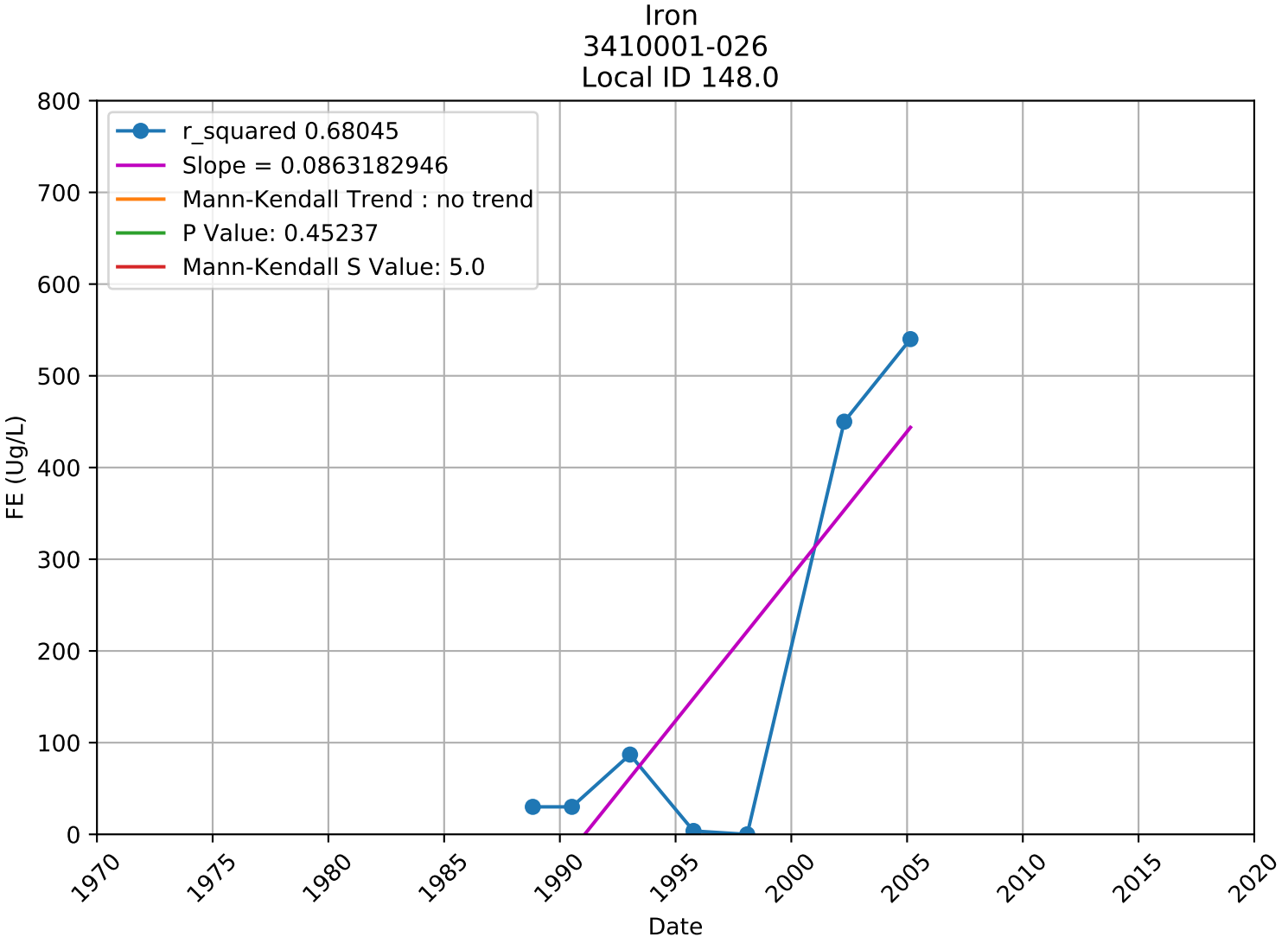

Iron
3410001-020
Local ID 114.0
r_squared 0.00347
Slope = -0.0007772825
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
FE (Ug/L)
Date
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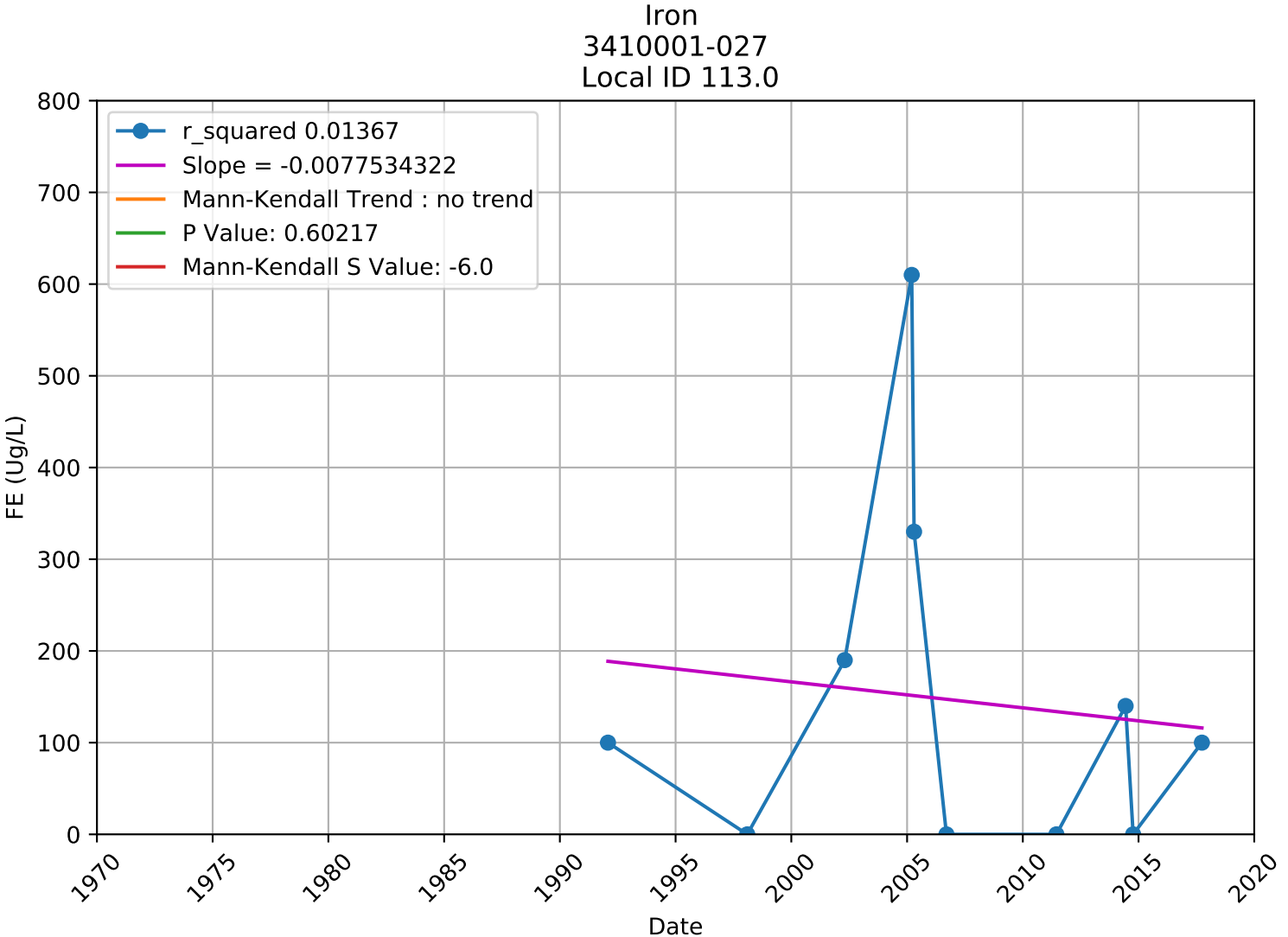

Iron
3410001-021
Local ID 210.0
r_squared 0.00684
Slope = 0.0019169553
Mann-Kendall Trend : no trend
P Value: 0.74259
Mann-Kendall S Value: -5.0
FE (Ug/L)
Date
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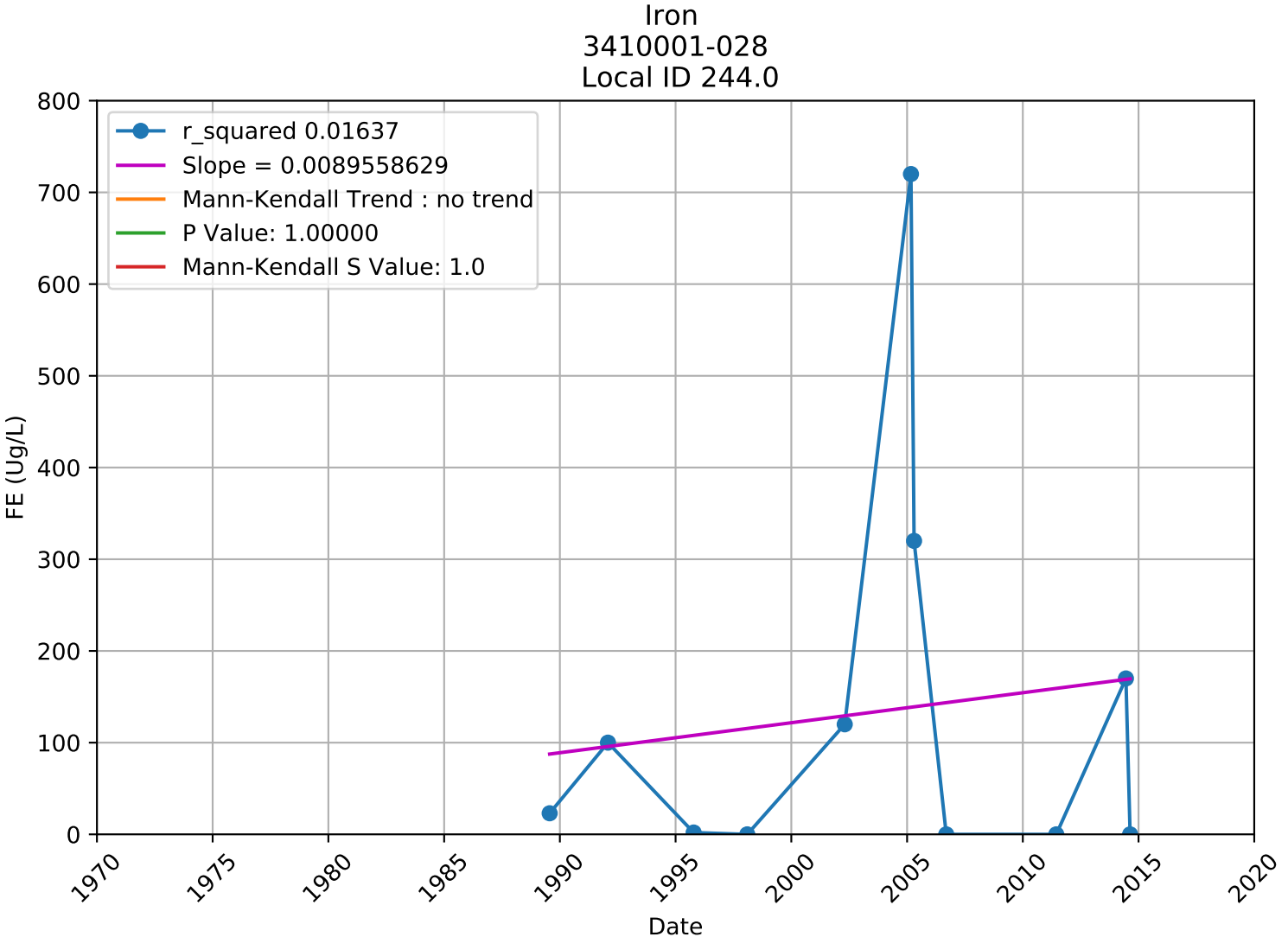

Iron
3410001-022
Local ID 161.0
r_squared 0.00194
Slope = 0.0011443716
Mann-Kendall Trend : no trend
P Value: 0.85289
Mann-Kendall S Value: 3.0
FE (Ug/L)
Date
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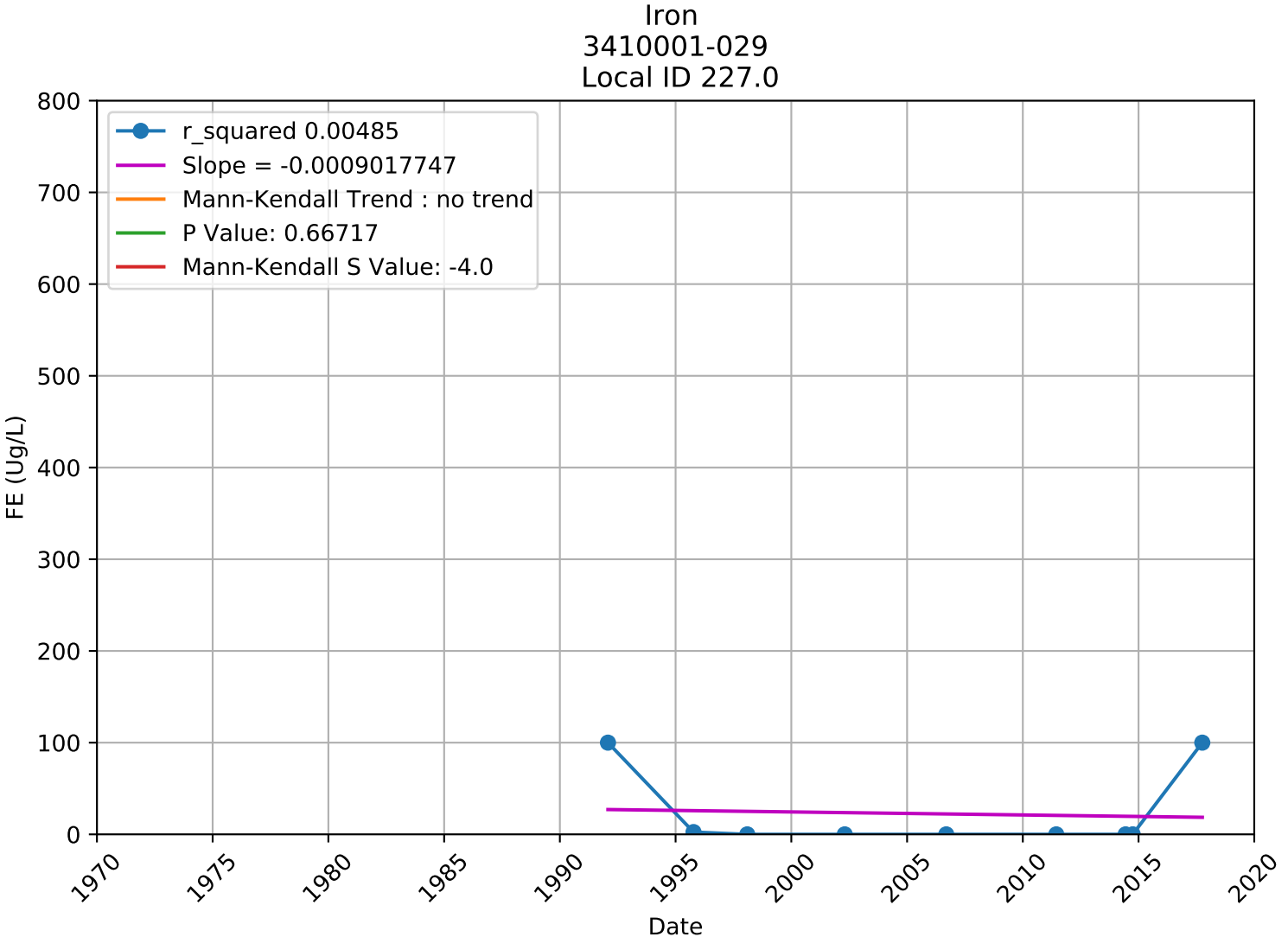

Iron
3410001-024
Local ID 64.0
r_squared 0.32405
Slope = -0.0139110457
Mann-Kendall Trend : no trend
P Value: 0.14856
Mann-Kendall S Value: -5.0
FE (Ug/L)
Date
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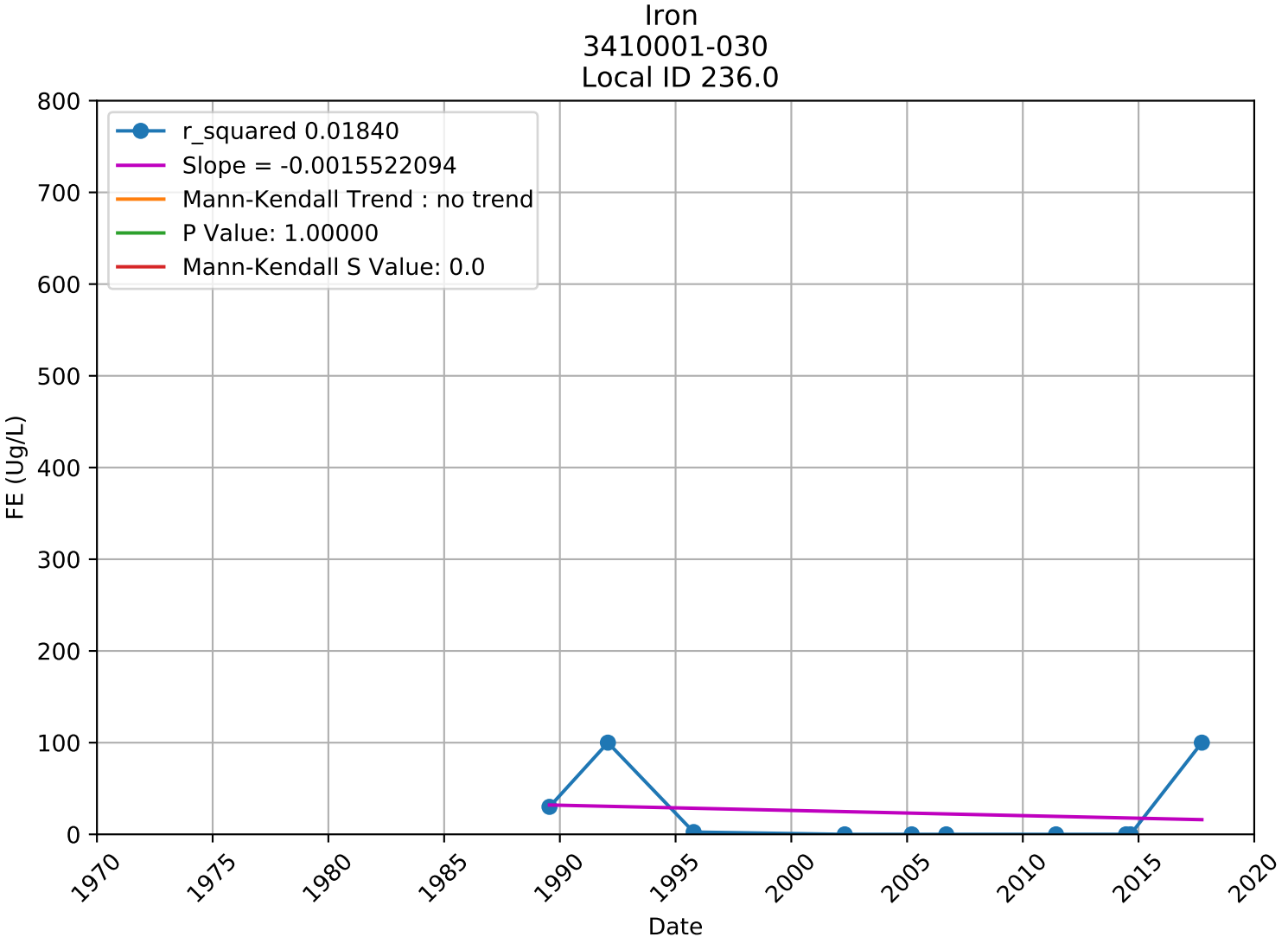

Iron
3410001-025
Local ID 222.0
r_squared 0.02312
Slope = 0.0012459219
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
FE (Ug/L)
Date
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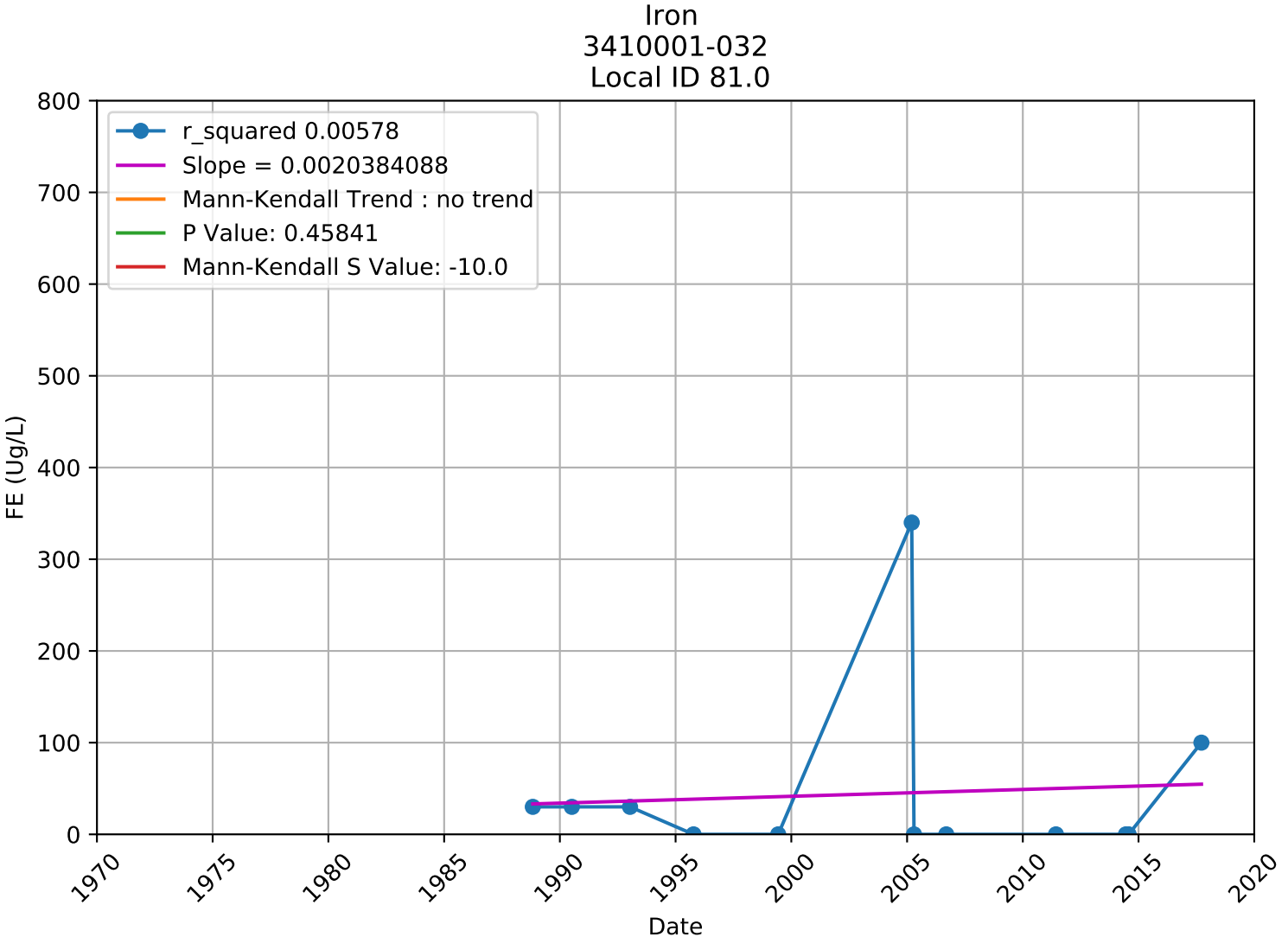

Iron
3410001-026
Local ID 148.0
r_squared 0.68045
Slope = 0.0863182946
Mann-Kendall Trend : no trend
P Value: 0.45237
Mann-Kendall S Value: 5.0
FE (Ug/L)
Date
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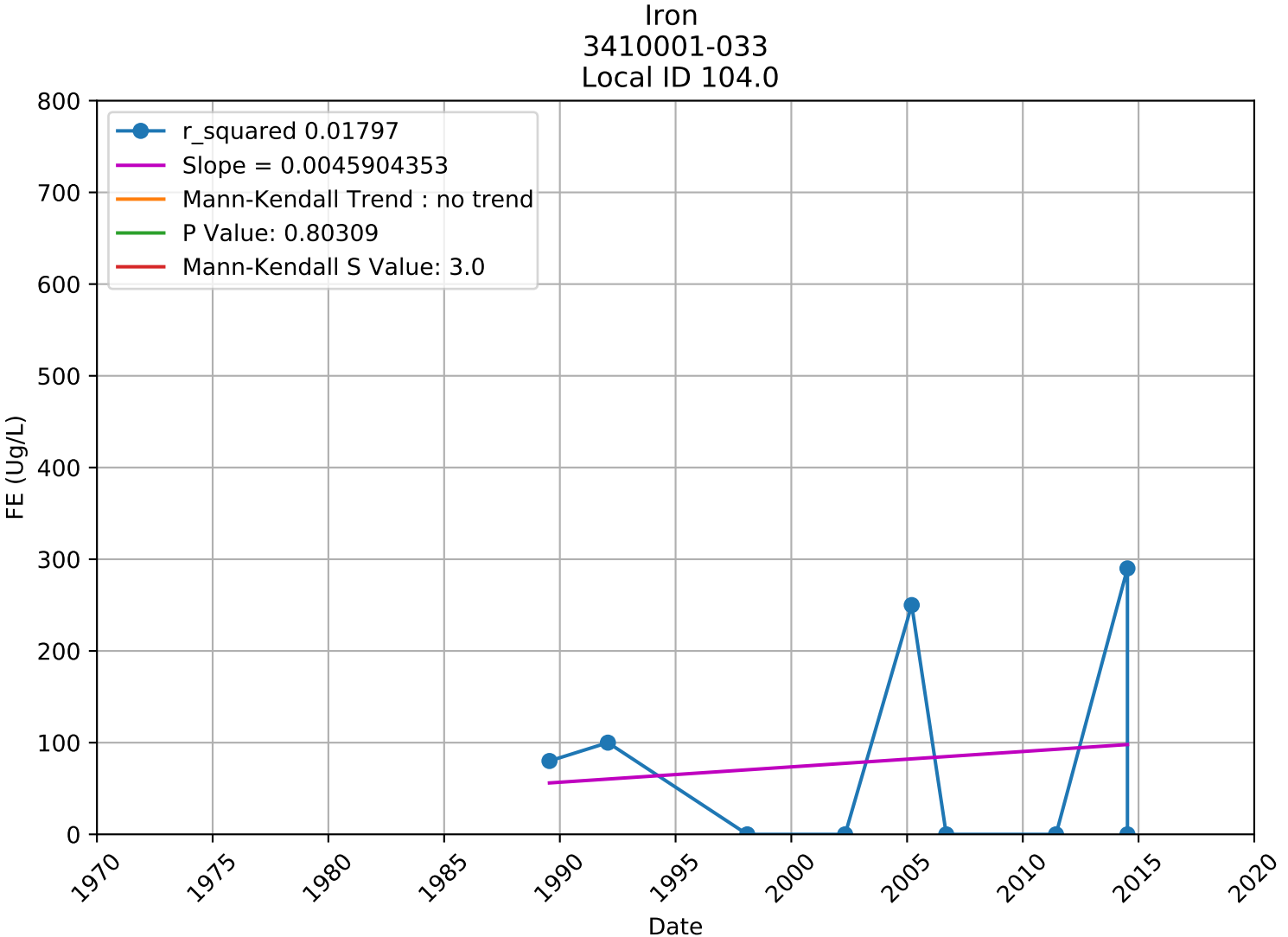

Iron
3410001-027
Local ID 113.0
r_squared 0.01367
Slope = -0.0077534322
Mann-Kendall Trend : no trend
P Value: 0.60217
Mann-Kendall S Value: -6.0
FE (Ug/L)
Date
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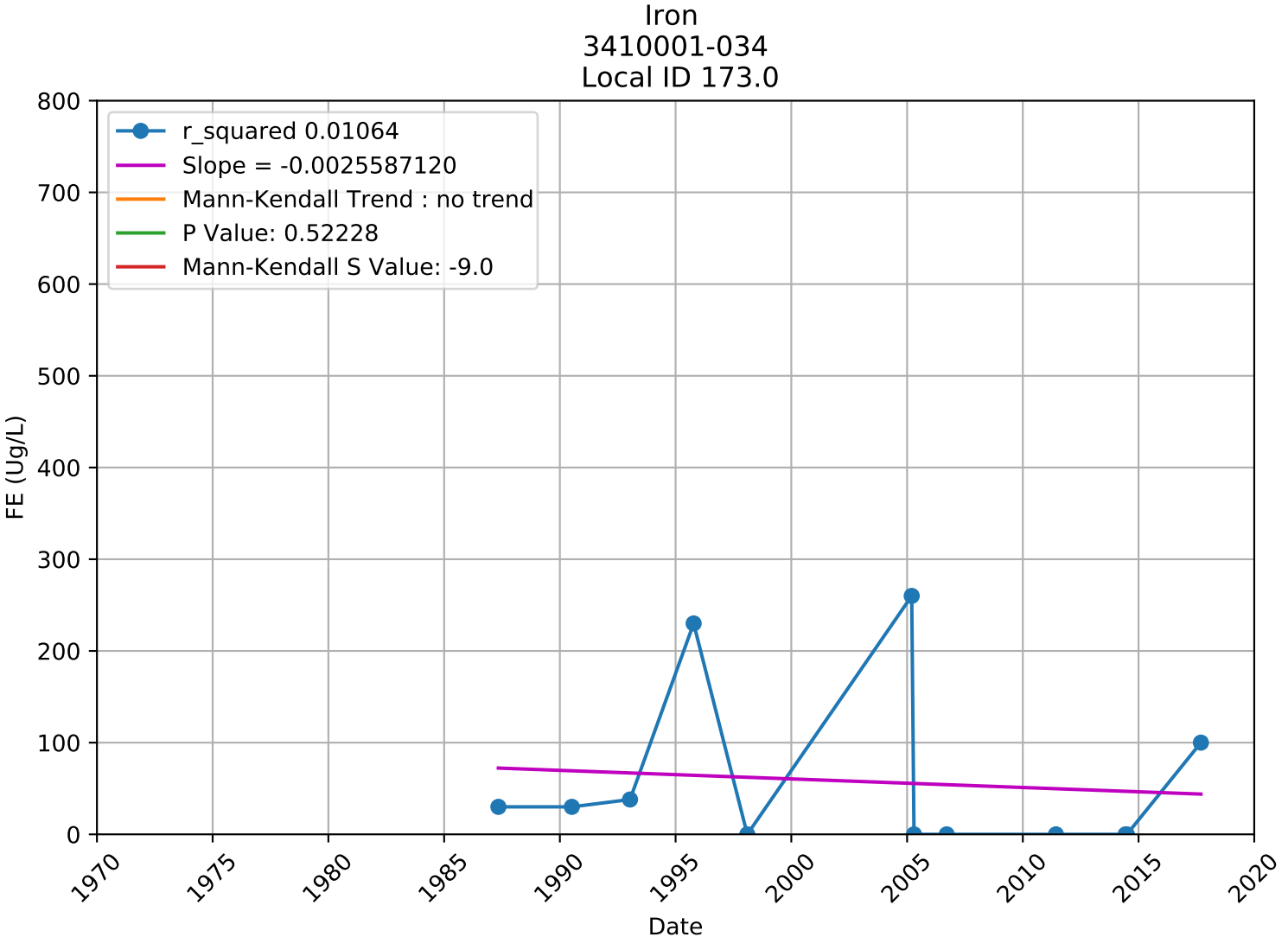

Iron
3410001-028
Local ID 244.0
r_squared 0.01637
Slope = 0.0089558629
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
FE (Ug/L)
Date
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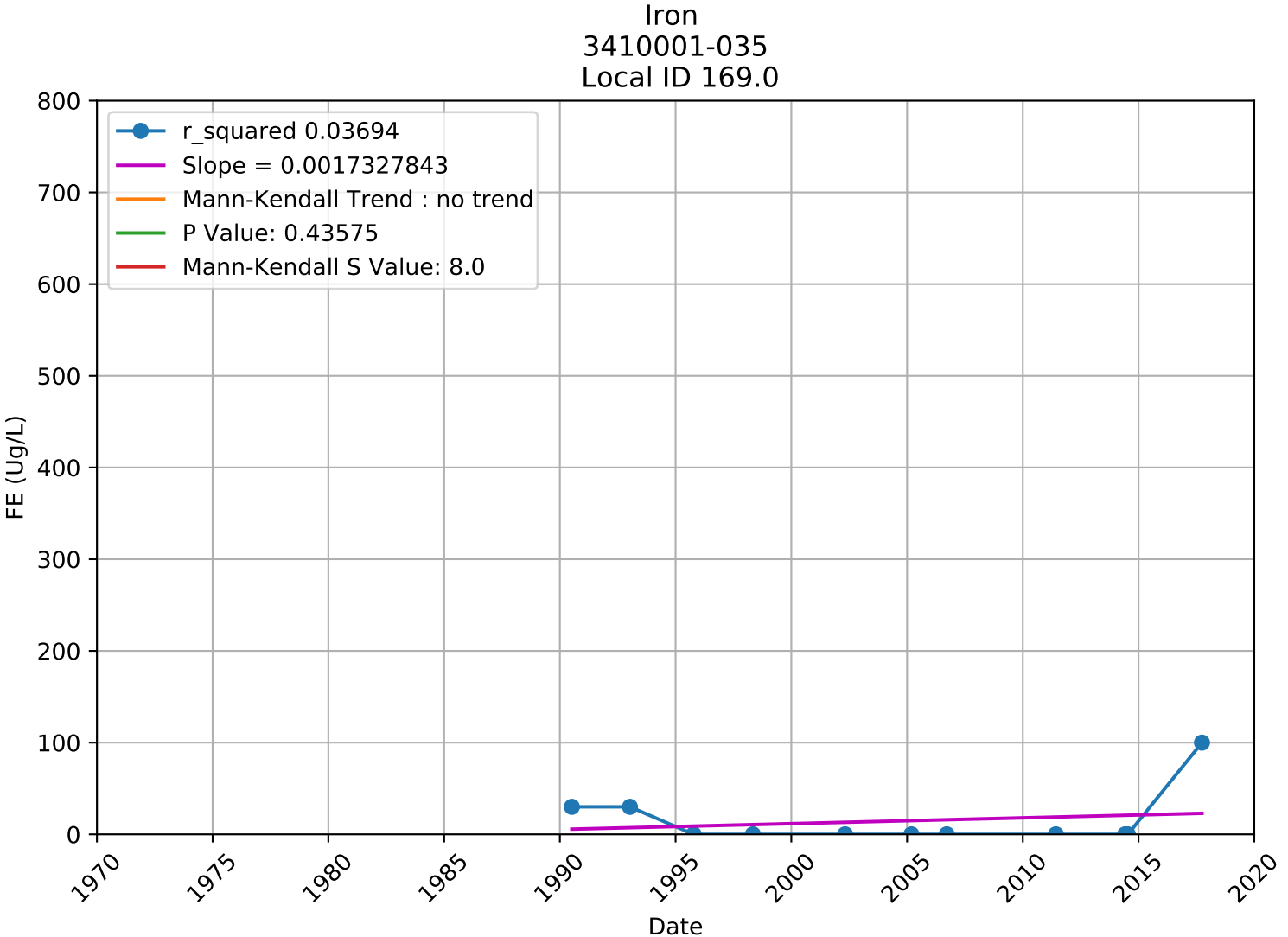

Iron
3410001-029
Local ID 227.0
r_squared 0.00485
Slope = -0.0009017747
Mann-Kendall Trend : no trend
P Value: 0.66717
Mann-Kendall S Value: -4.0
FE (Ug/L)
Date
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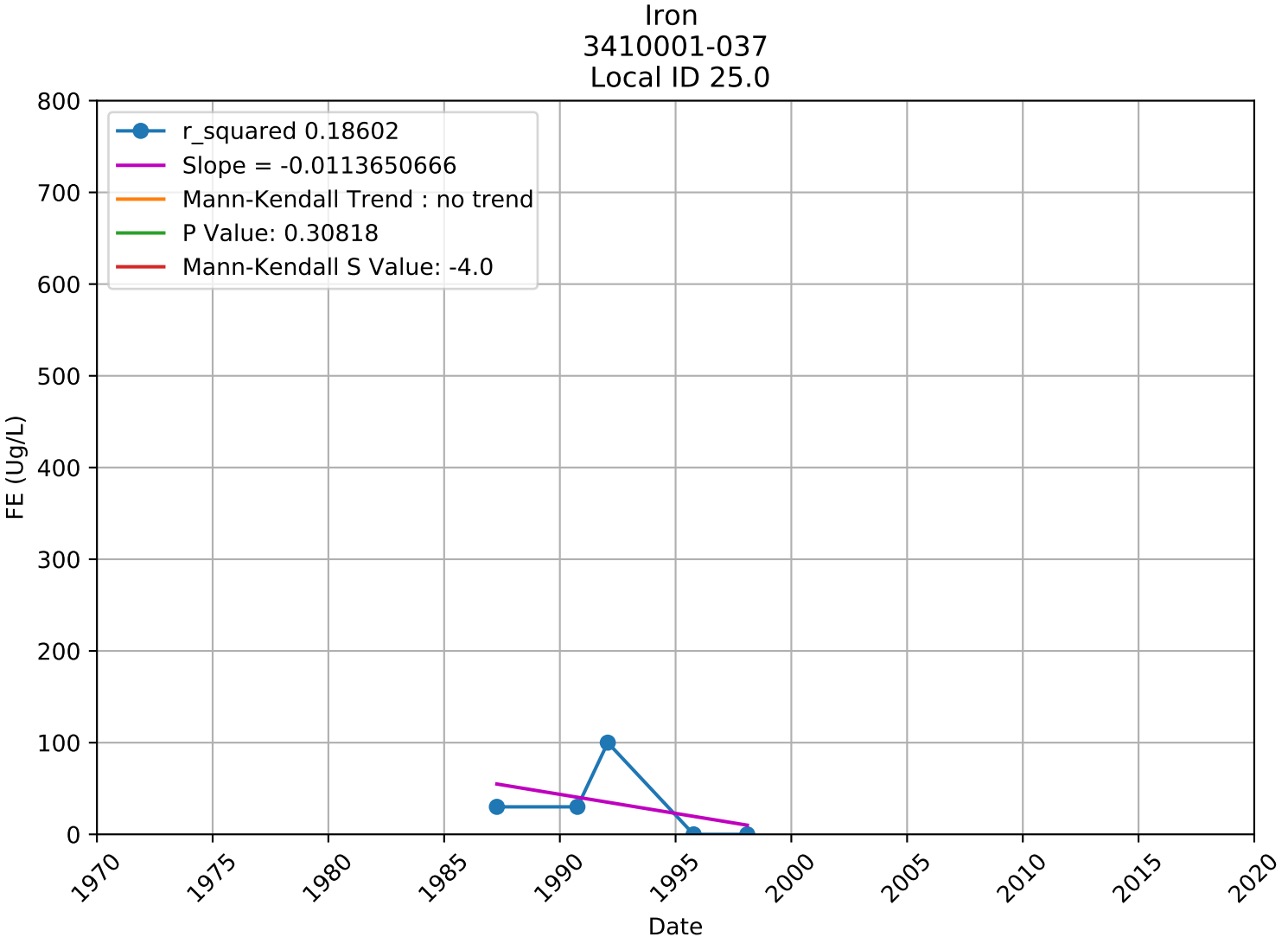

Iron
3410001-030
Local ID 236.0
r_squared 0.01840
Slope = -0.0015522094
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
FE (Ug/L)
Date
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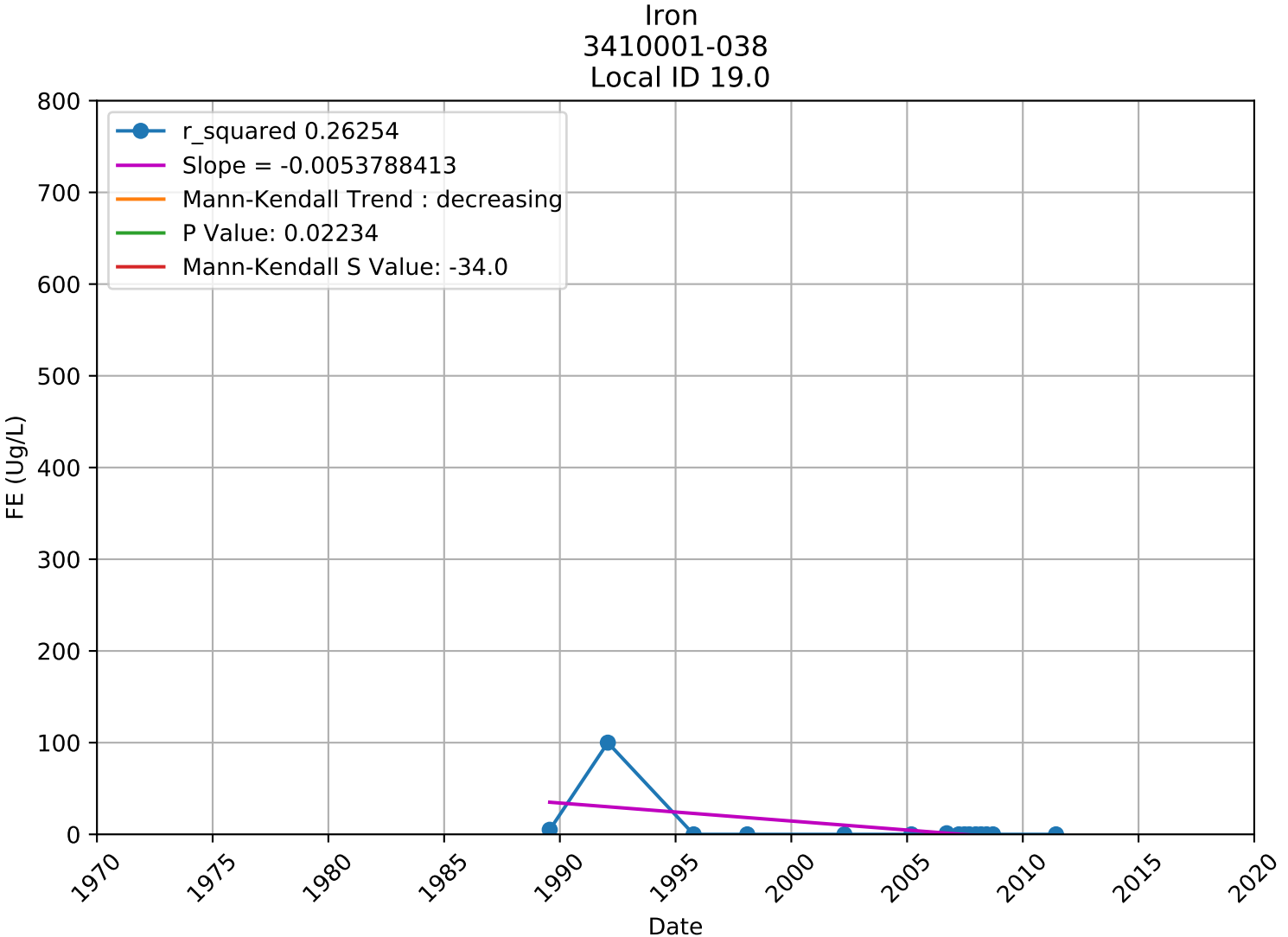

Iron
3410001-032
Local ID 81.0
r_squared 0.00578
Slope = 0.0020384088
Mann-Kendall Trend : no trend
P Value: 0.45841
Mann-Kendall S Value: -10.0
FE (Ug/L)
Date
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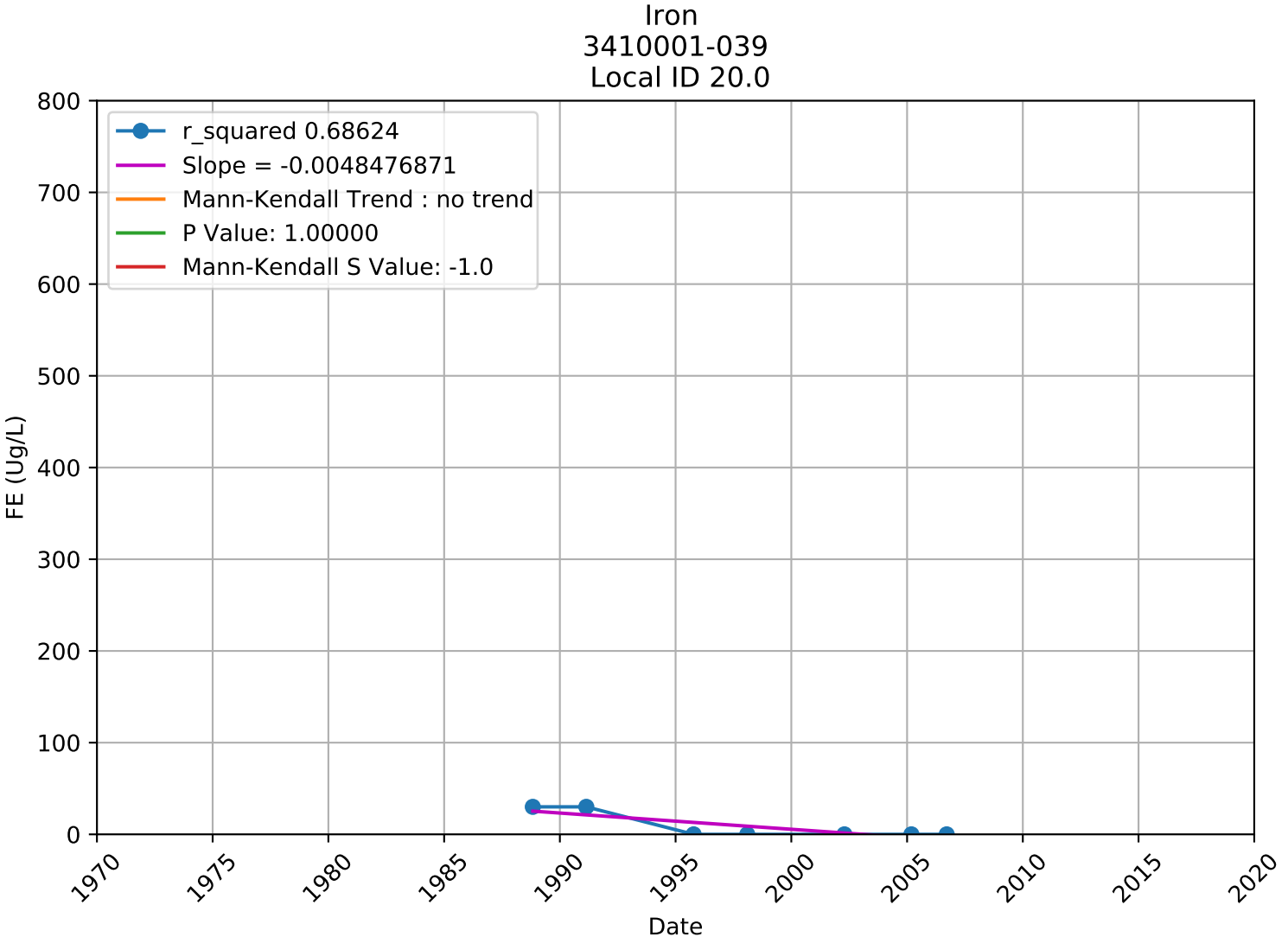

Iron
3410001-033
Local ID 104.0
r_squared 0.01797
Slope = 0.0045904353
Mann-Kendall Trend : no trend
P Value: 0.80309
Mann-Kendall S Value: 3.0
FE (Ug/L)
Date
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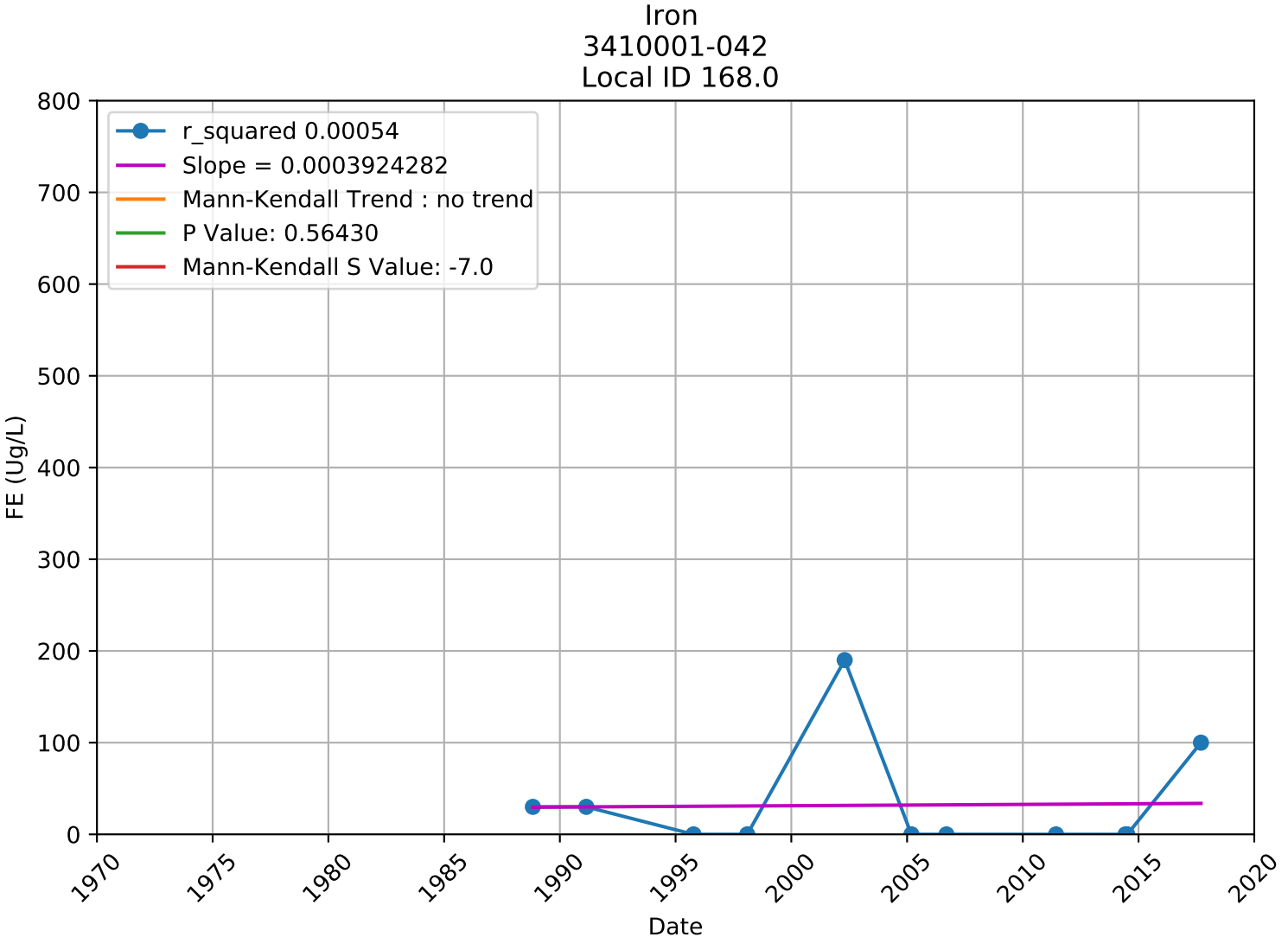

Iron
3410001-034
Local ID 173.0
r_squared 0.01064
Slope = -0.0025587120
Mann-Kendall Trend : no trend
P Value: 0.52228
Mann-Kendall S Value: -9.0
FE (Ug/L)
Date
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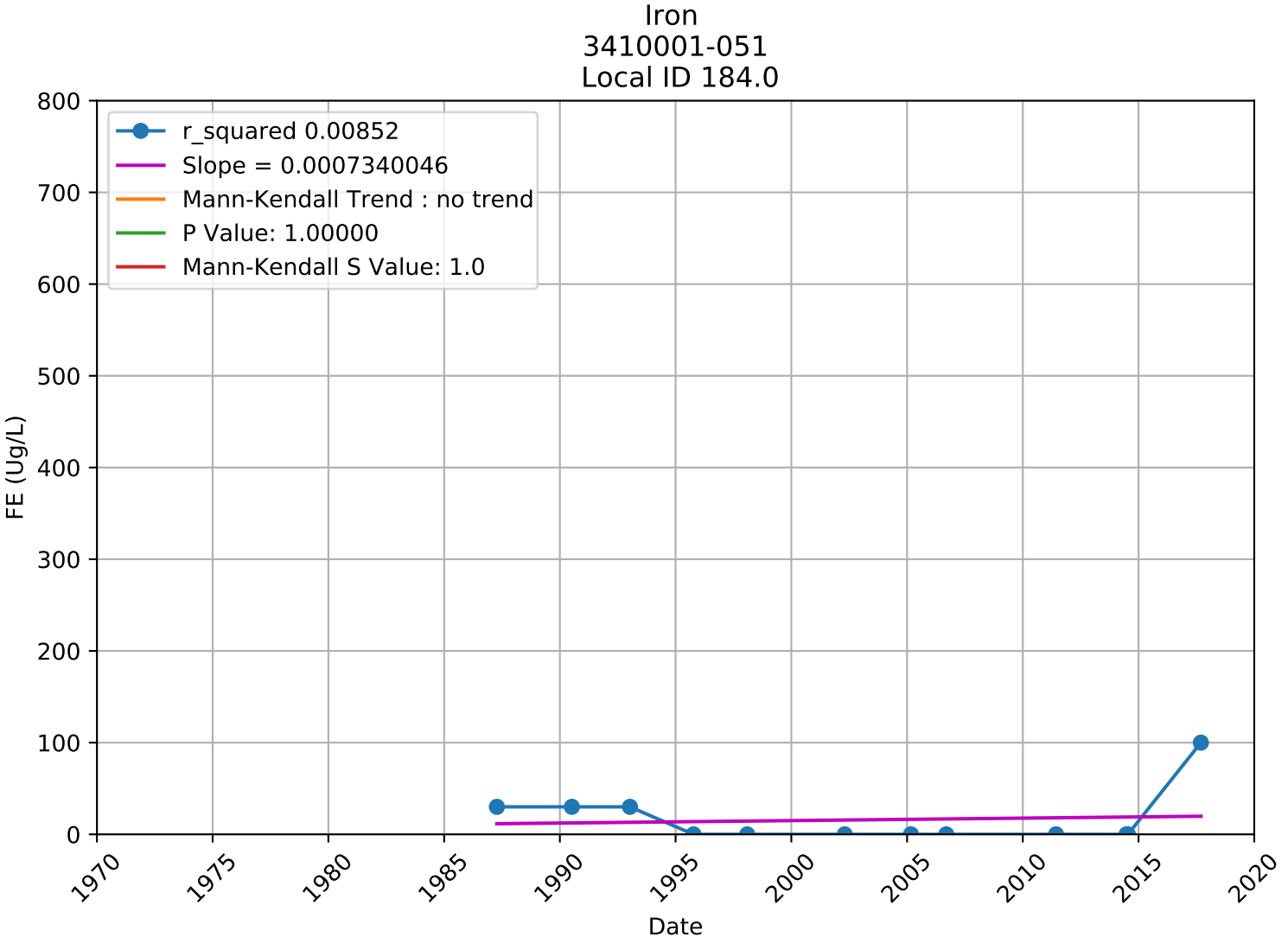

Iron
3410001-035
Local ID 169.0
r_squared 0.03694
Slope = 0.0017327843
Mann-Kendall Trend : no trend
P Value: 0.43575
Mann-Kendall S Value: 8.0
FE (Ug/L)
Date
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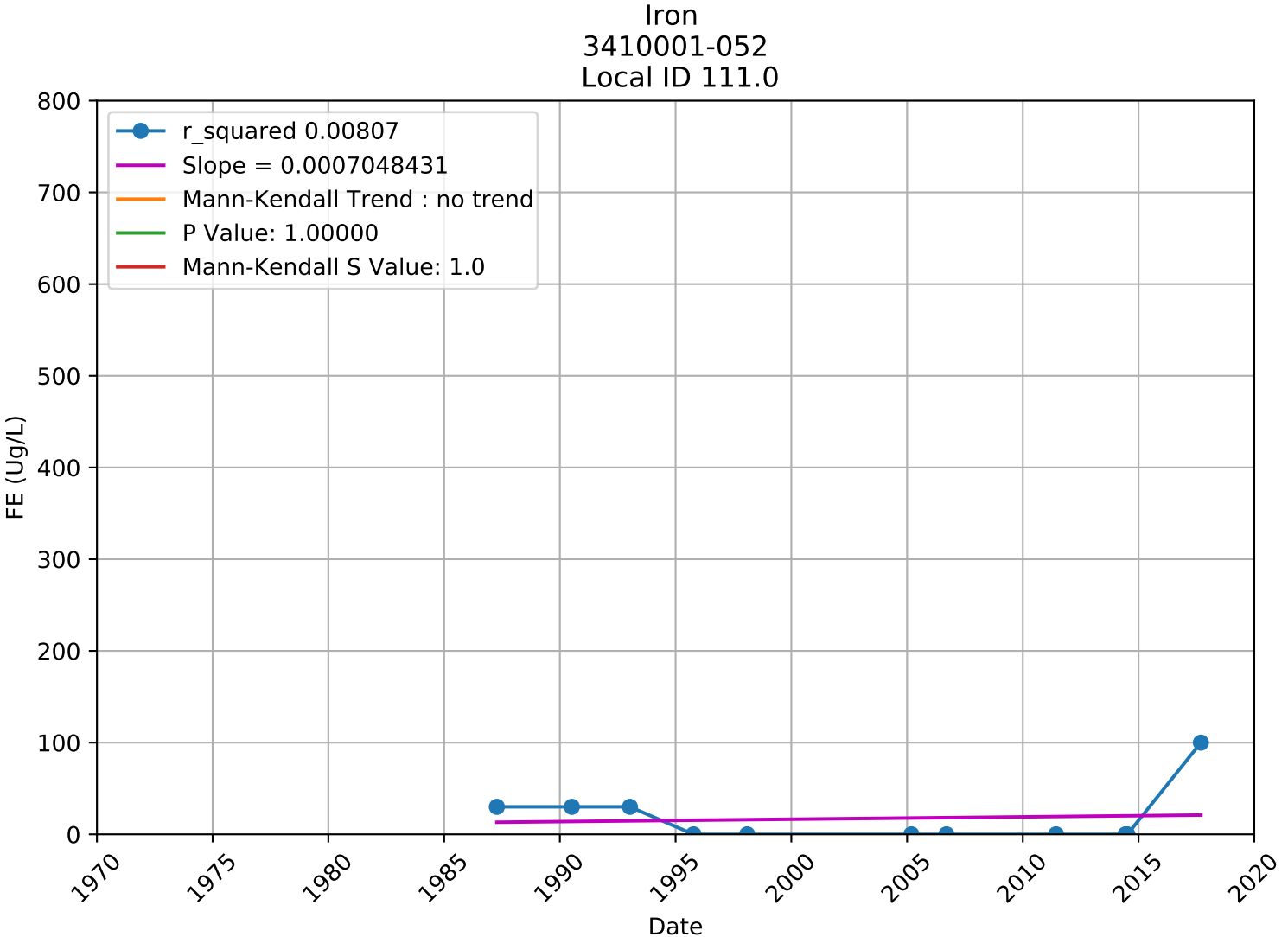

Iron
3410001-037
Local ID 25.0
r_squared 0.18602
Slope = -0.0113650666
Mann-Kendall Trend : no trend
P Value: 0.30818
Mann-Kendall S Value: -4.0
FE (Ug/L)
Date
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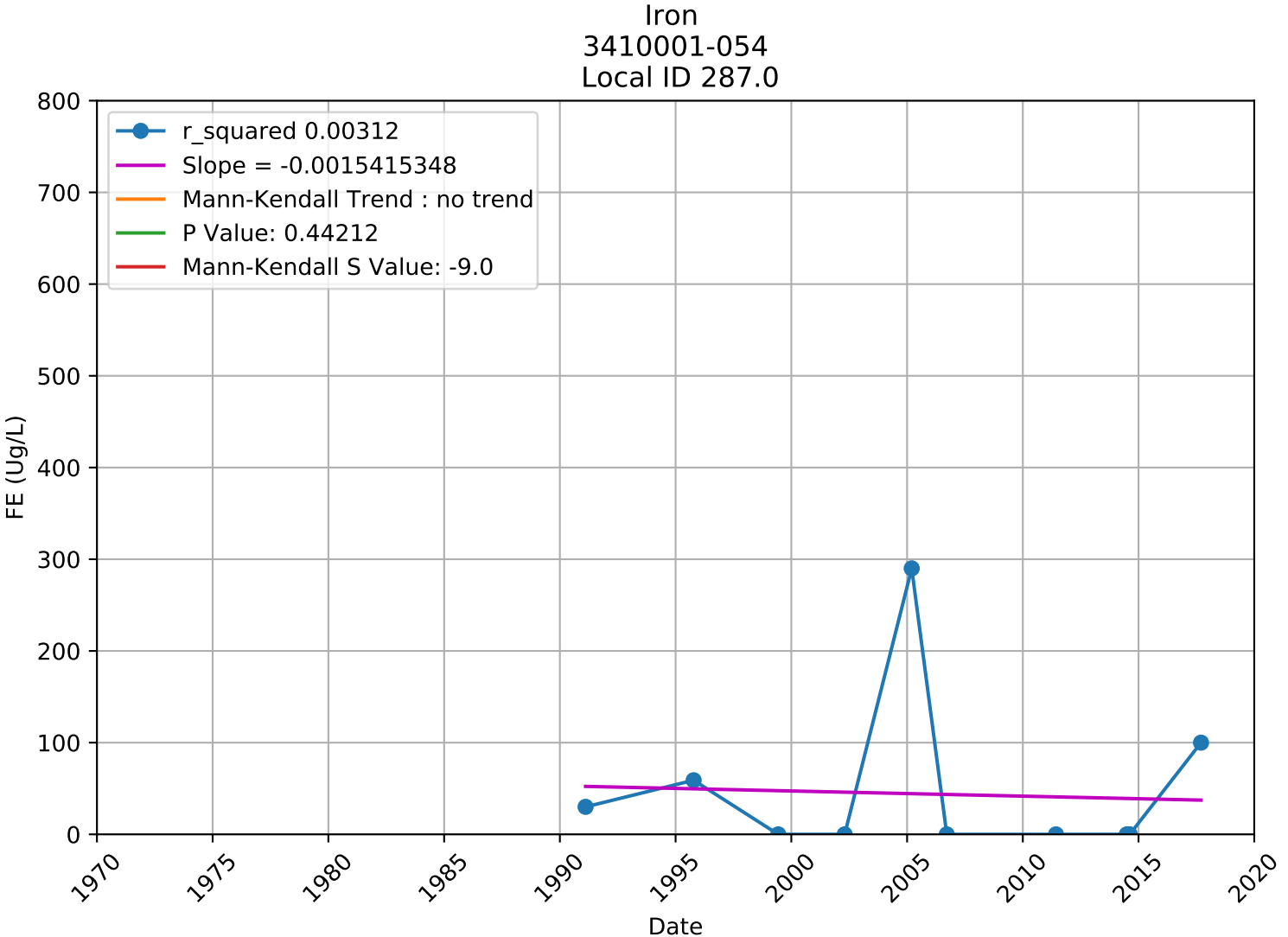

Iron
3410001-038
Local ID 19.0
r_squared 0.26254
Slope = -0.0053788413
Mann-Kendall Trend : decreasing
P Value: 0.02234
Mann-Kendall S Value: -34.0
FE (Ug/L)
Date
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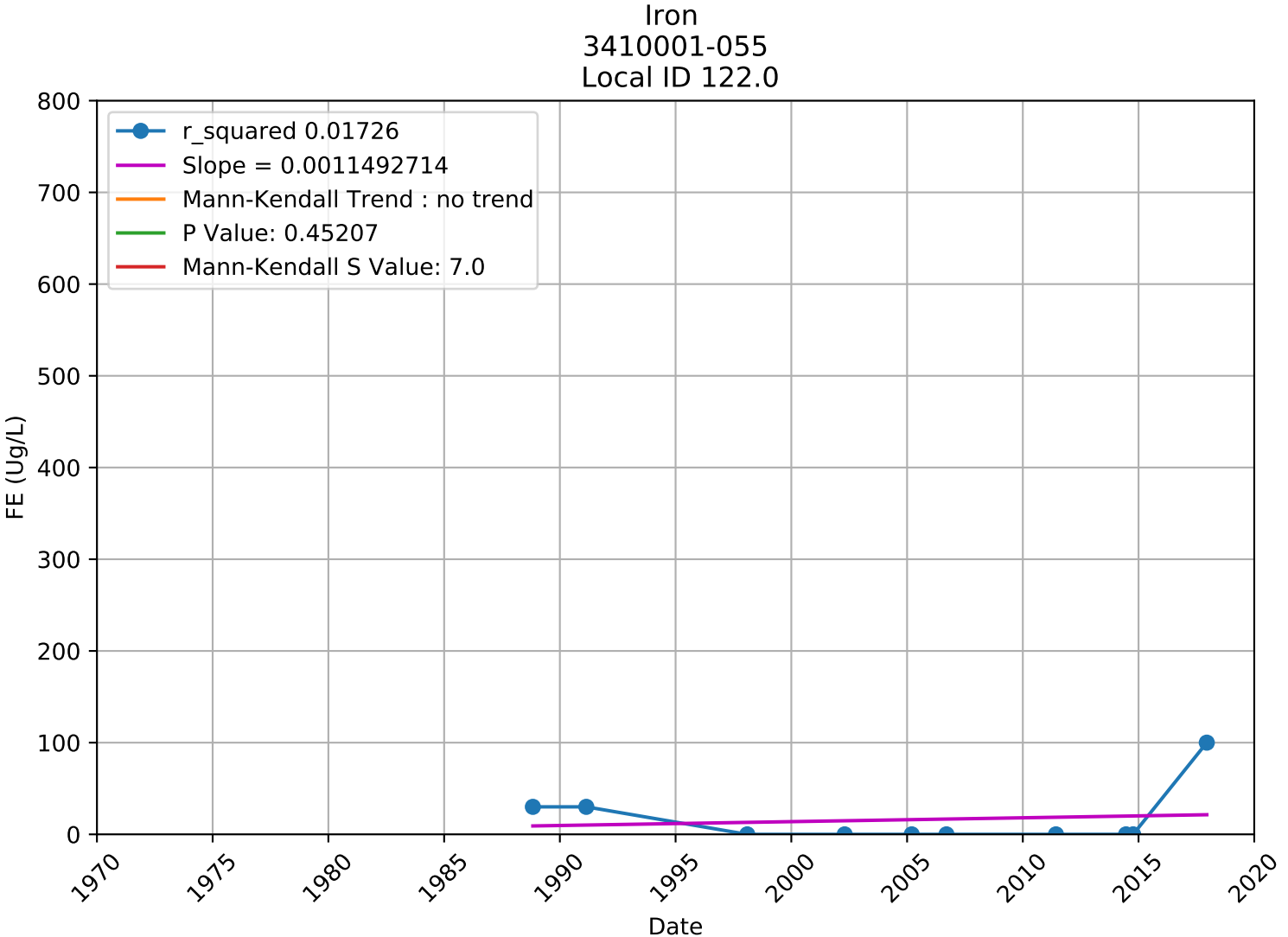

Iron
3410001-039
Local ID 20.0
r_squared 0.68624
Slope = -0.0048476871
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
FE (Ug/L)
Date
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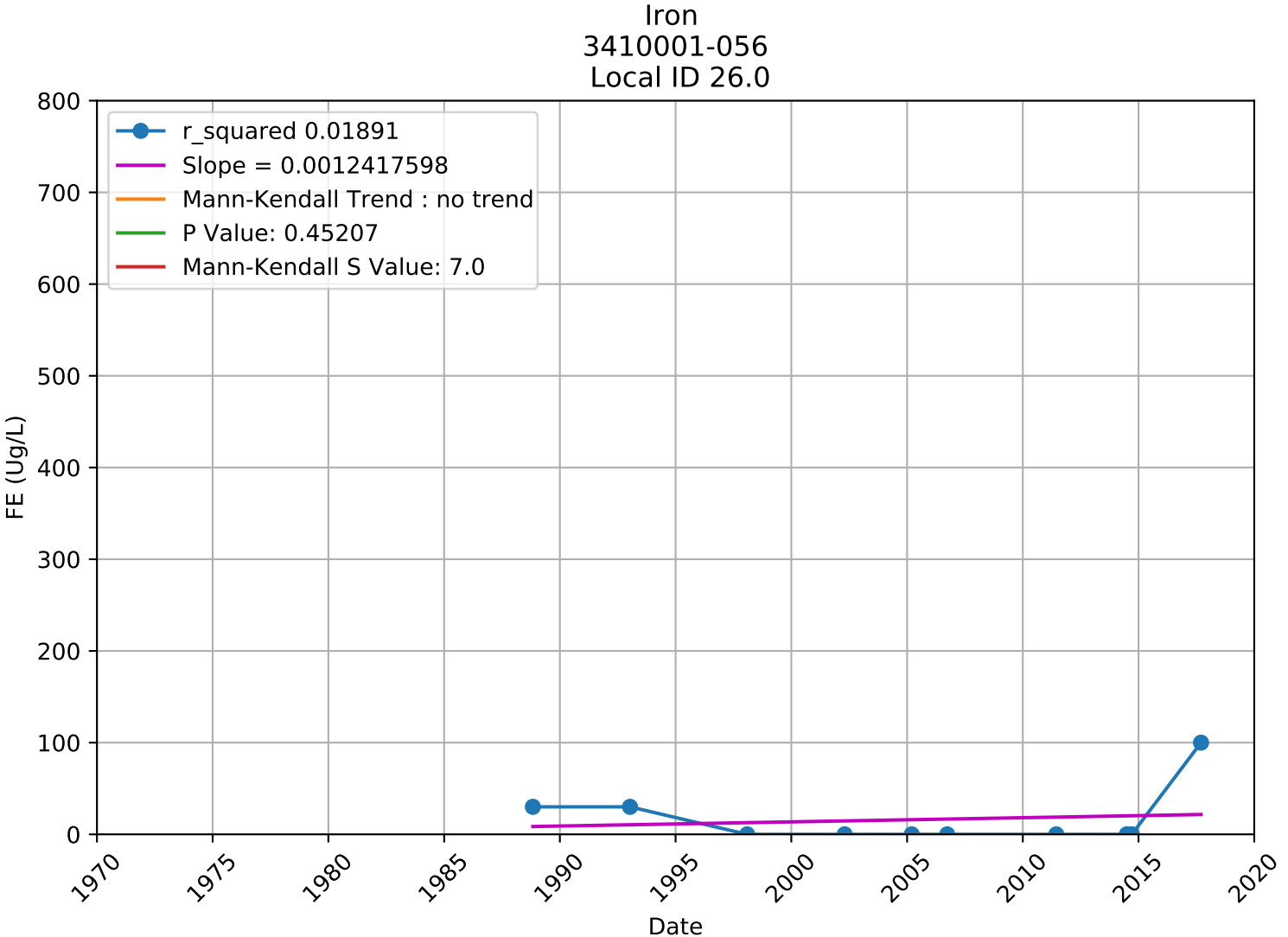

Iron
3410001-042
Local ID 168.0
r_squared 0.00054
Slope = 0.0003924282
Mann-Kendall Trend : no trend
P Value: 0.56430
Mann-Kendall S Value: -7.0
FE (Ug/L)
Date
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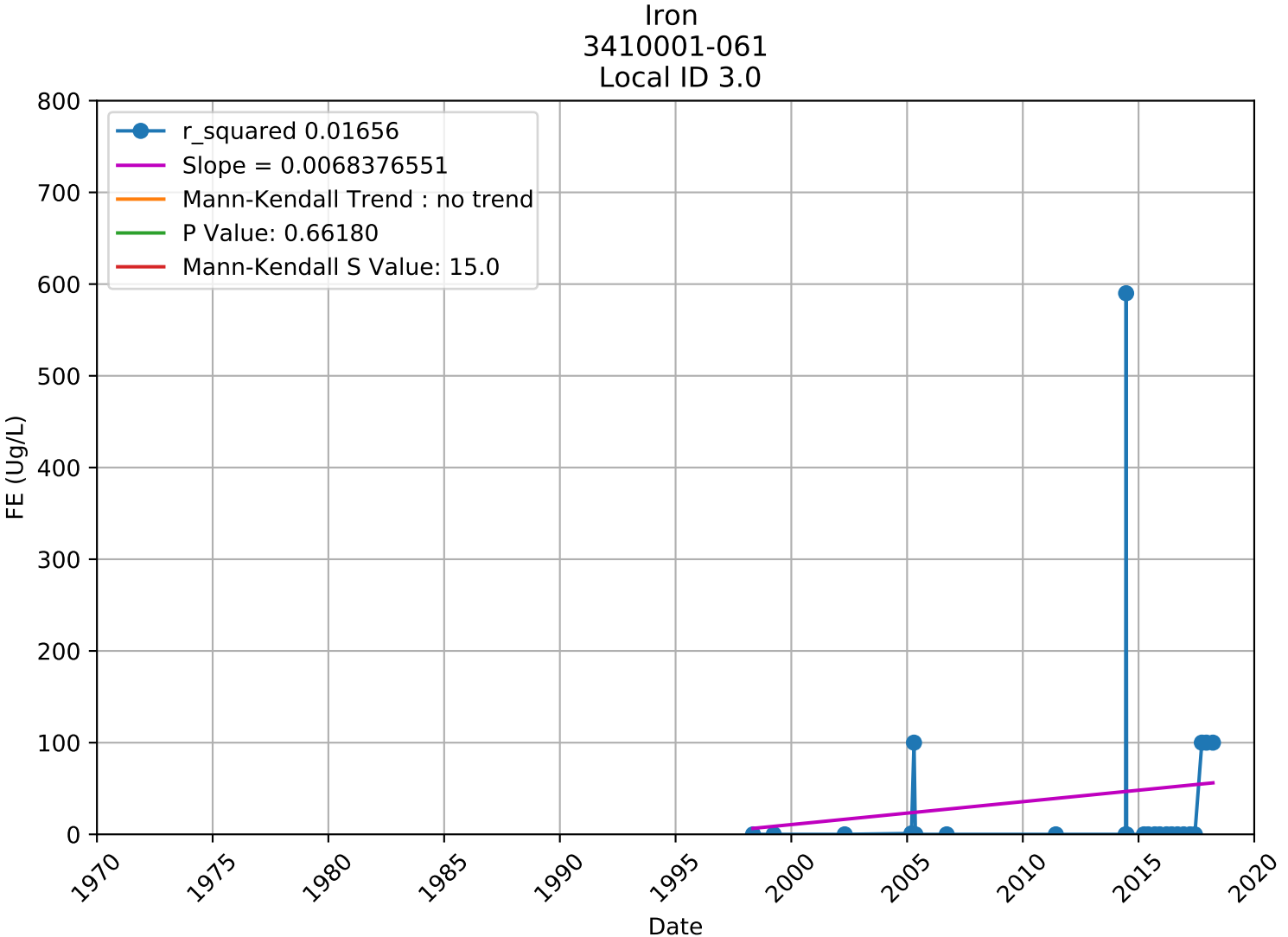

Iron
3410001-051
Local ID 184.0
r_squared 0.00852
Slope = 0.0007340046
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
FE (Ug/L)
Date
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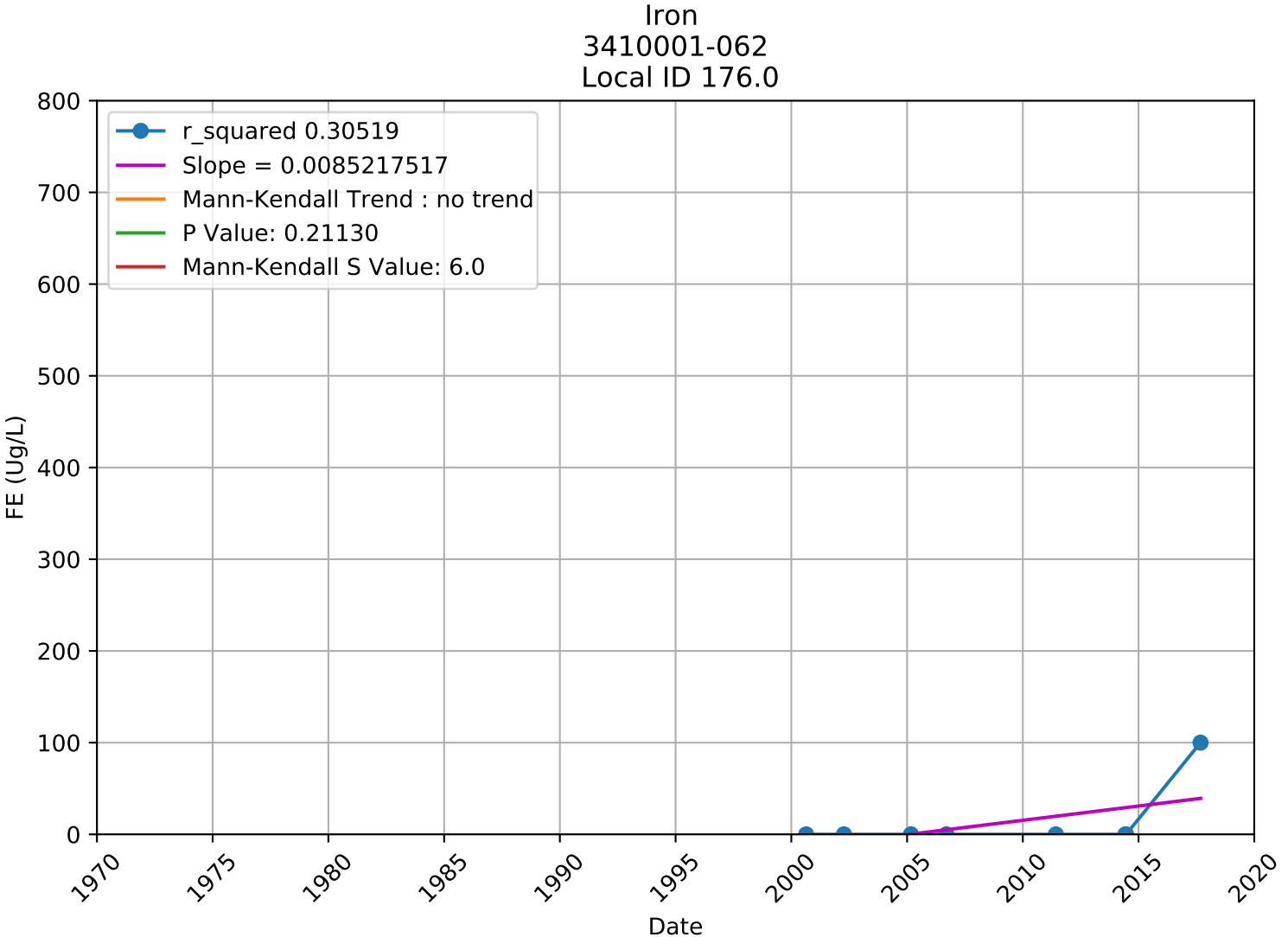

Iron
3410001-052
Local ID 111.0
r_squared 0.00807
Slope = 0.0007048431
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
FE (Ug/L)
Date
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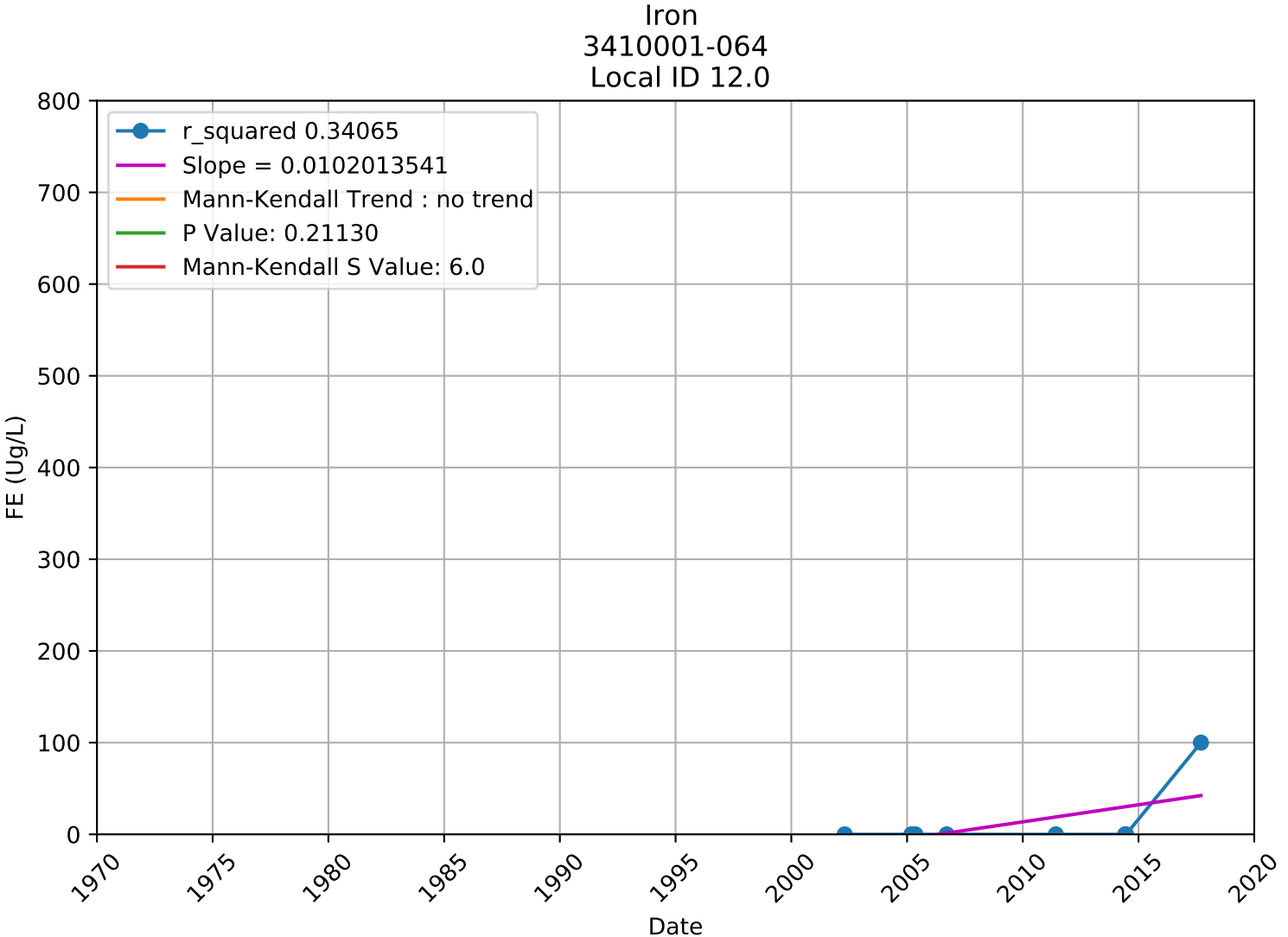

Iron
3410001-054
Local ID 287.0
r_squared 0.00312
Slope = -0.0015415348
Mann-Kendall Trend : no trend
P Value: 0.44212
Mann-Kendall S Value: -9.0
FE (Ug/L)
Date
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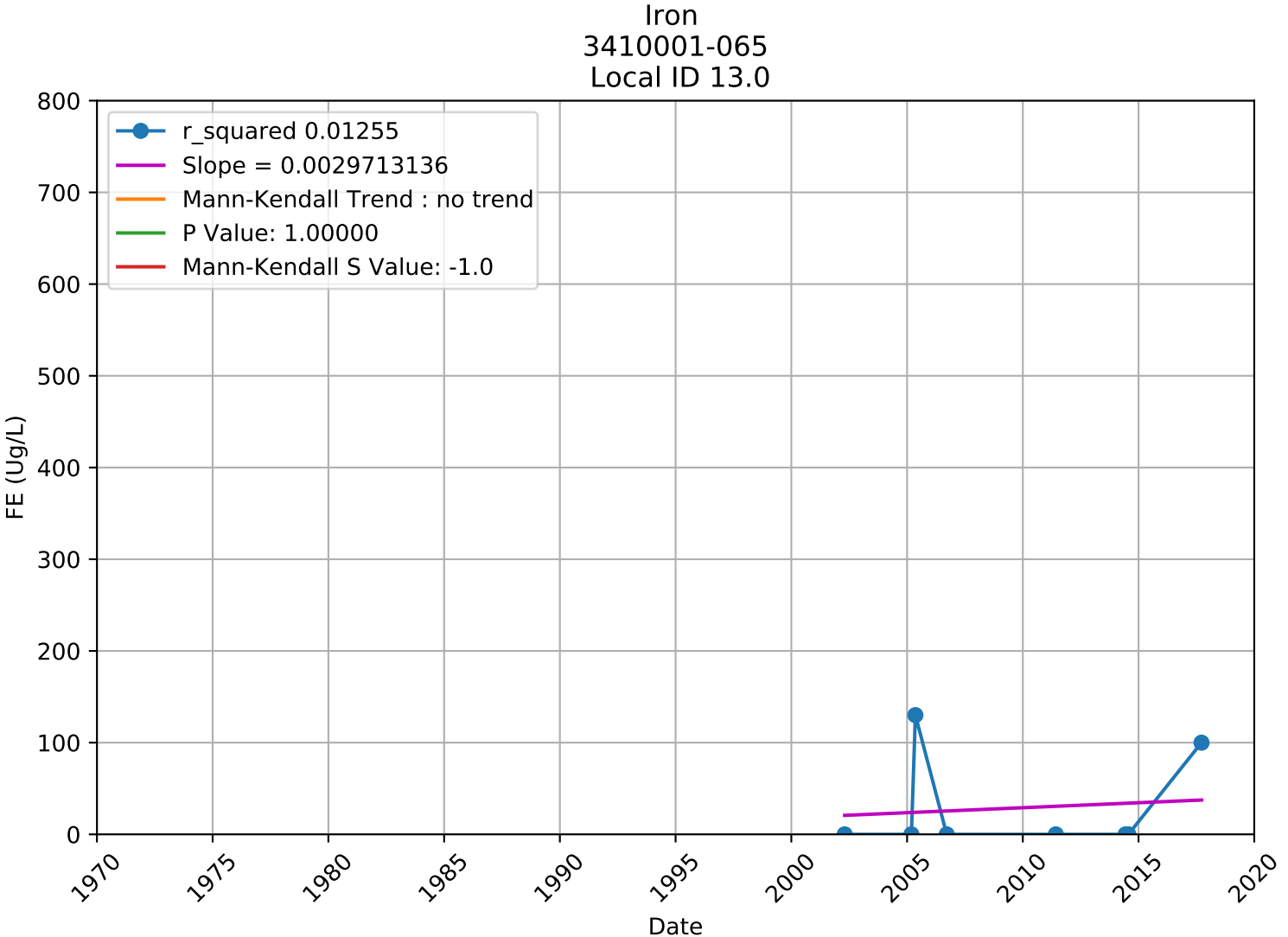

Iron
3410001-055
Local ID 122.0
r_squared 0.01726
Slope = 0.0011492714
Mann-Kendall Trend : no trend
P Value: 0.45207
Mann-Kendall S Value: 7.0
FE (Ug/L)
Date
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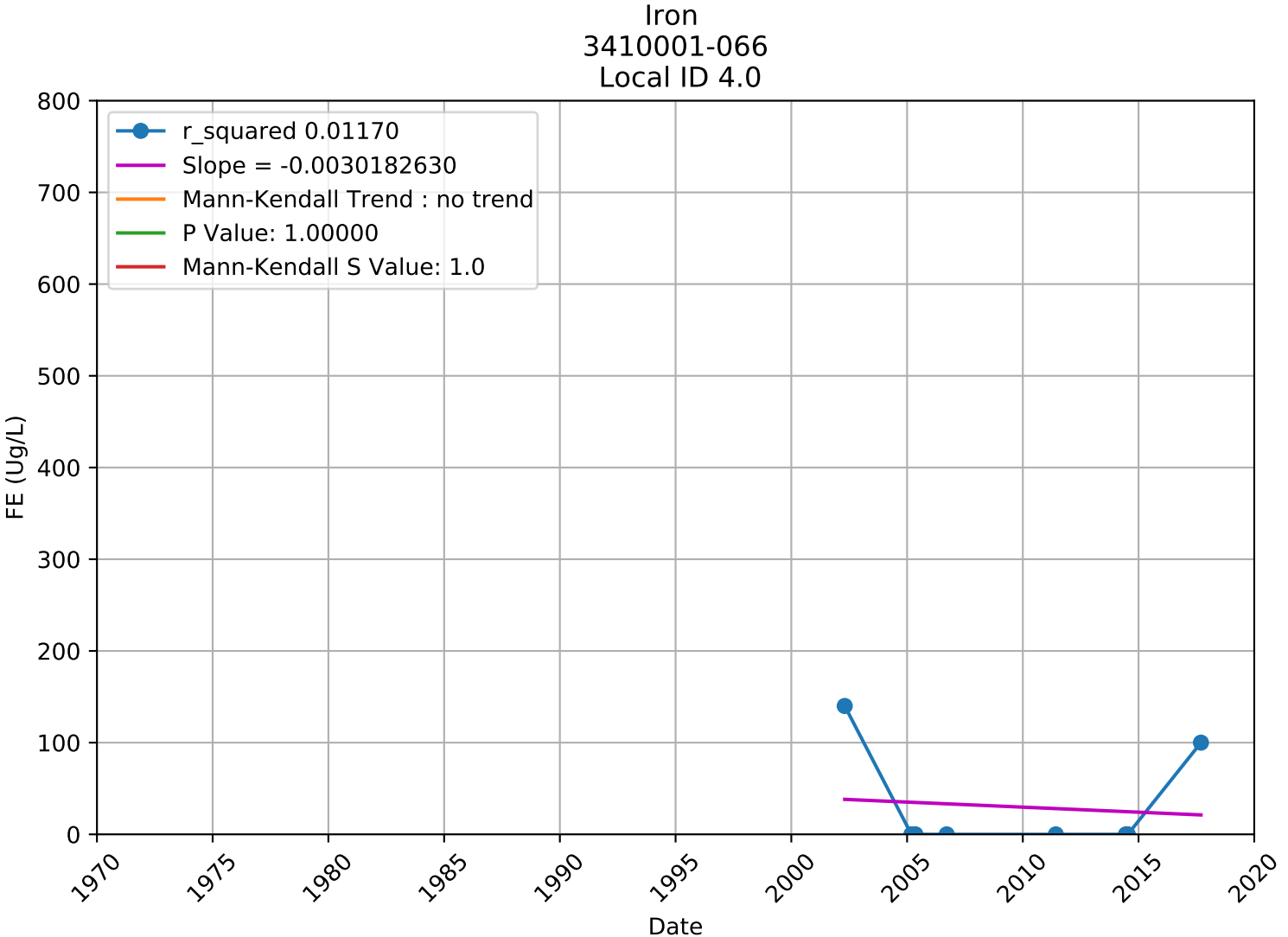

Iron
3410001-056
Local ID 26.0
r_squared 0.01891
Slope = 0.0012417598
Mann-Kendall Trend : no trend
P Value: 0.45207
Mann-Kendall S Value: 7.0
FE (Ug/L)
Date
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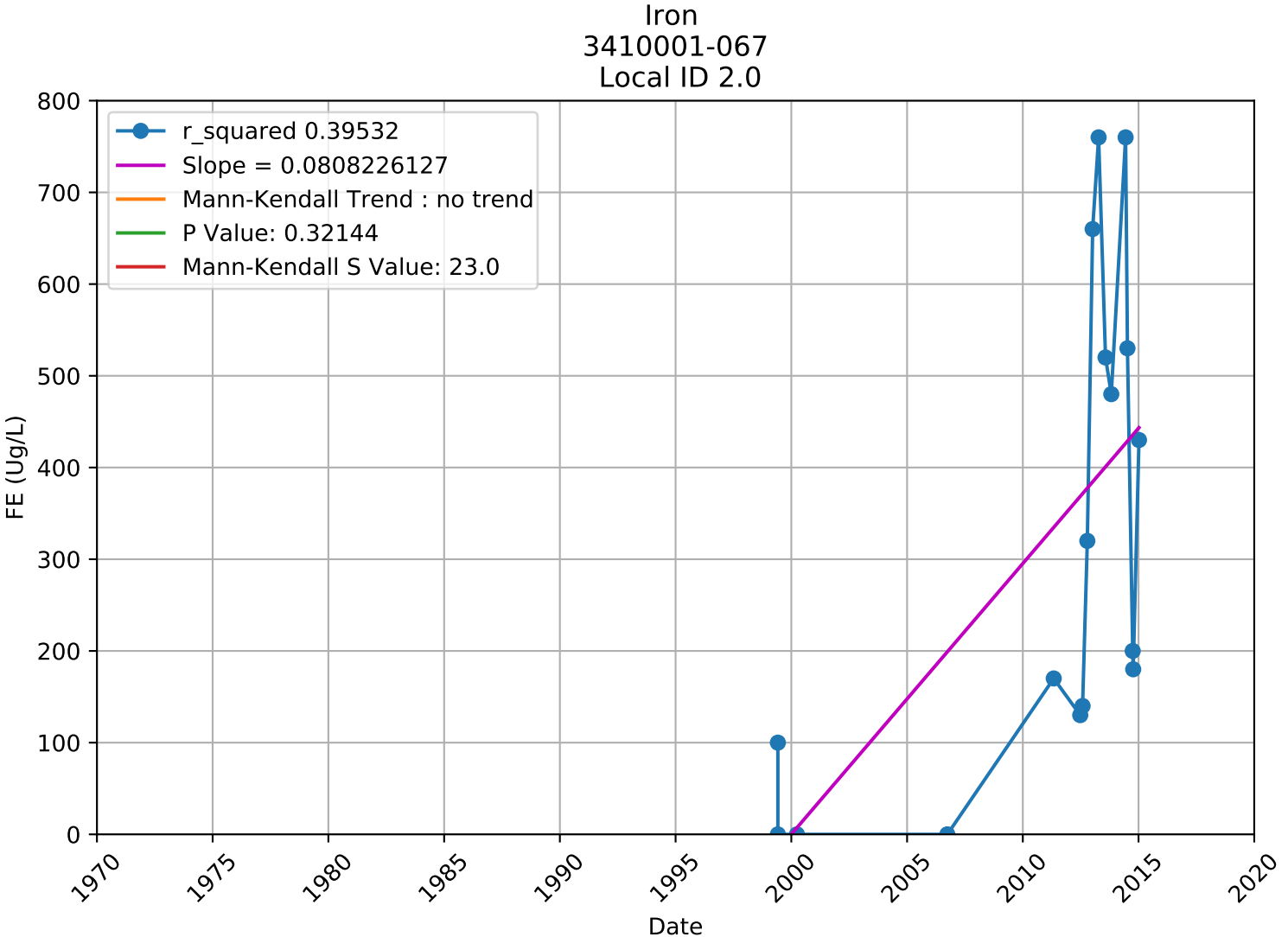

Iron
3410001-061
Local ID 3.0
r_squared 0.01656
Slope = 0.0068376551
Mann-Kendall Trend : no trend
P Value: 0.66180
Mann-Kendall S Value: 15.0
FE (Ug/L)
Date
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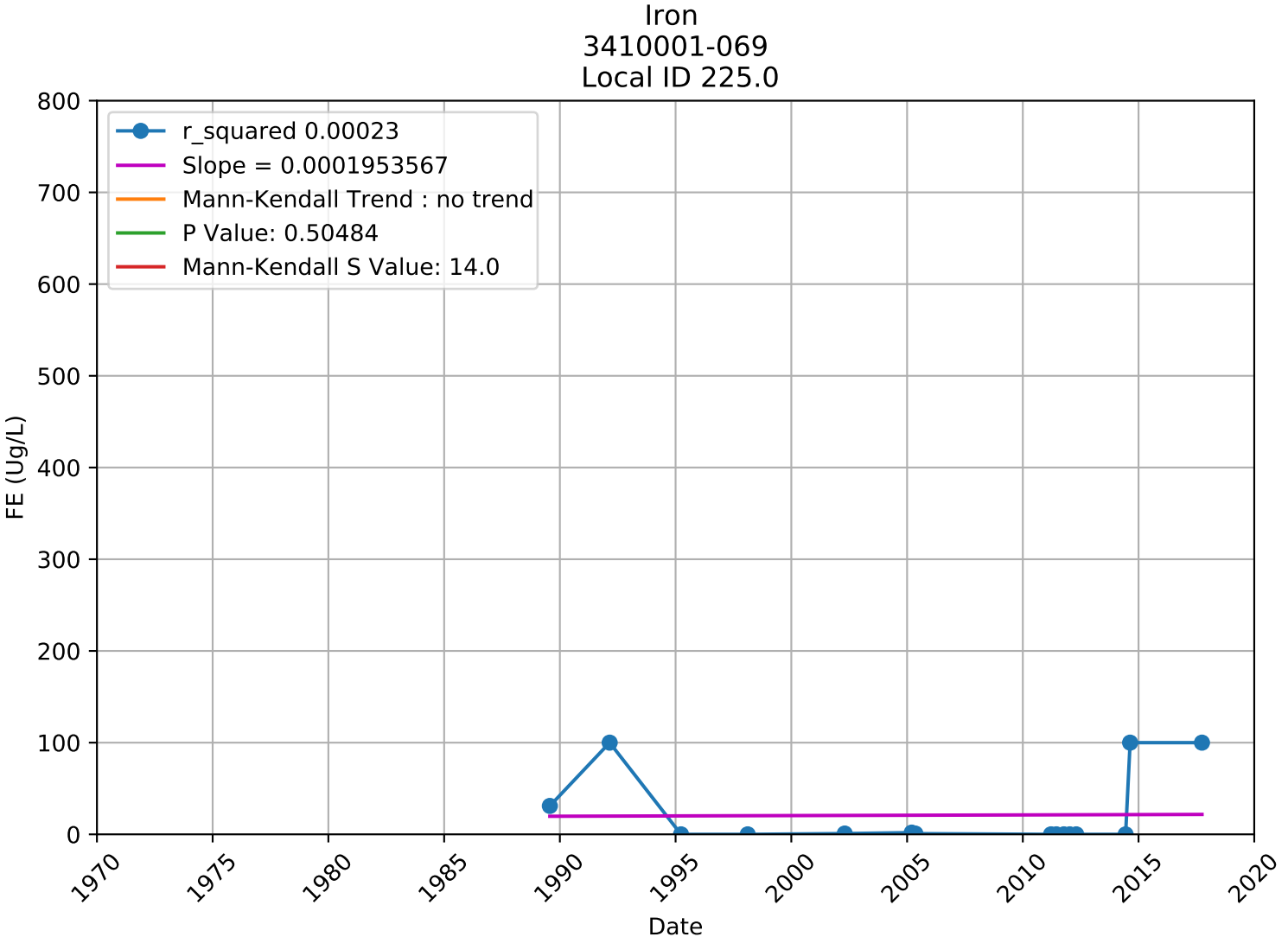

Iron
3410001-062
Local ID 176.0
r_squared 0.30519
Slope = 0.0085217517
Mann-Kendall Trend : no trend
P Value: 0.21130
Mann-Kendall S Value: 6.0
FE (Ug/L)
Date
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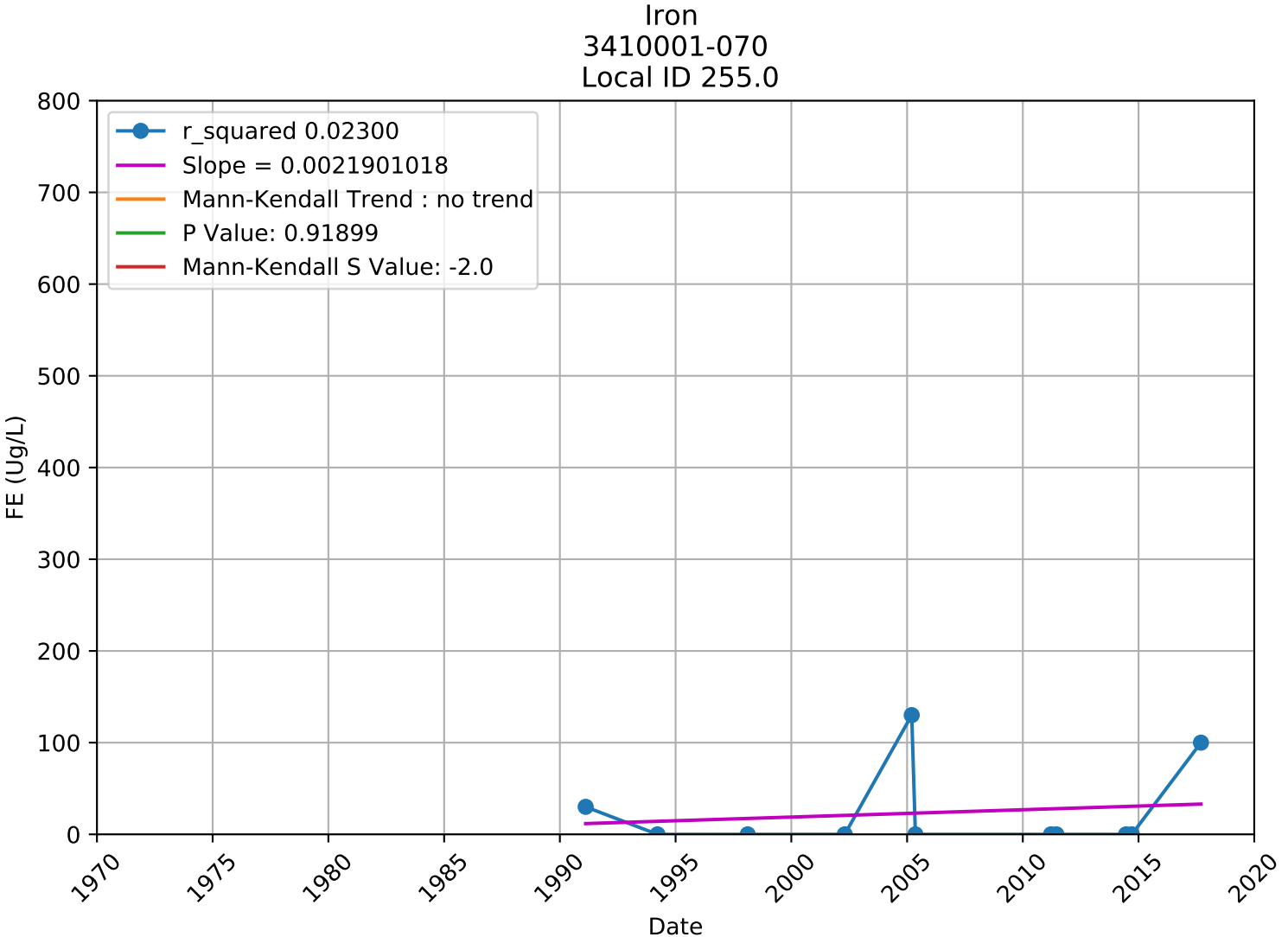

Iron
3410001-064
Local ID 12.0
r_squared 0.34065
Slope = 0.0102013541
Mann-Kendall Trend : no trend
P Value: 0.21130
Mann-Kendall S Value: 6.0
FE (Ug/L)
Date
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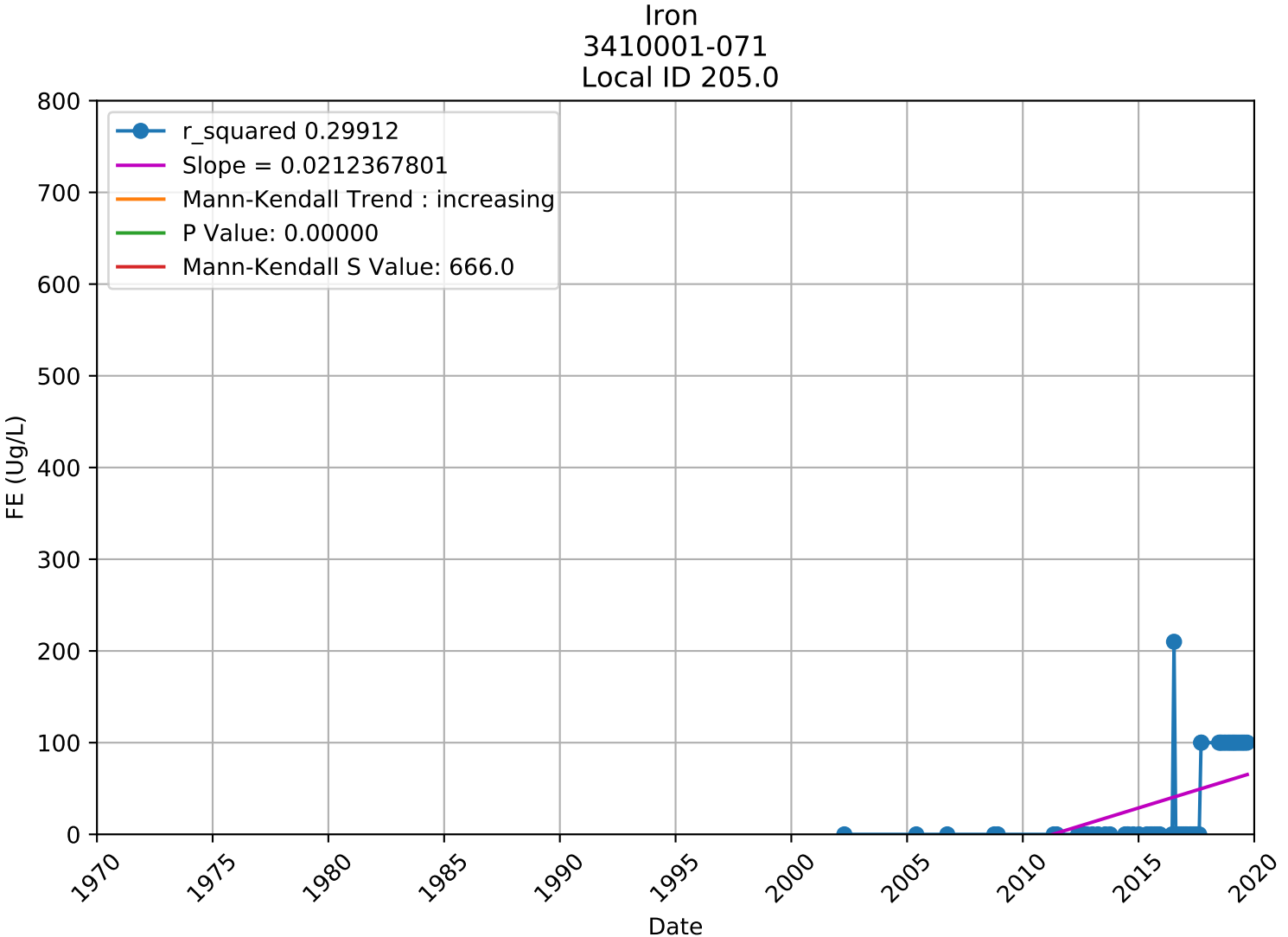

Iron
3410001-065
Local ID 13.0
r_squared 0.01255
Slope = 0.0029713136
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
FE (Ug/L)
Date
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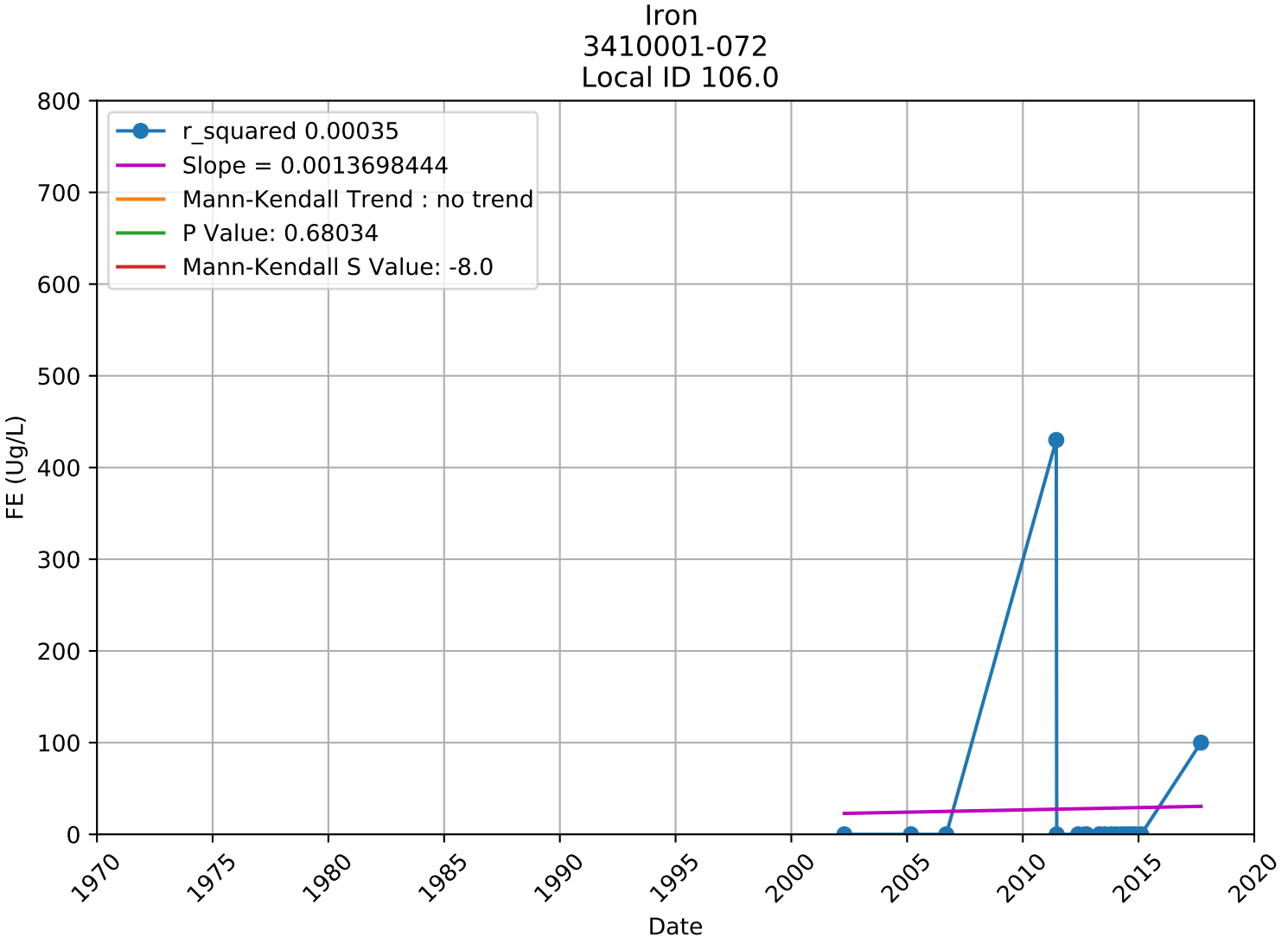

Iron
3410001-066
Local ID 4.0
r_squared 0.01170
Slope = -0.0030182630
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
FE (Ug/L)
Date
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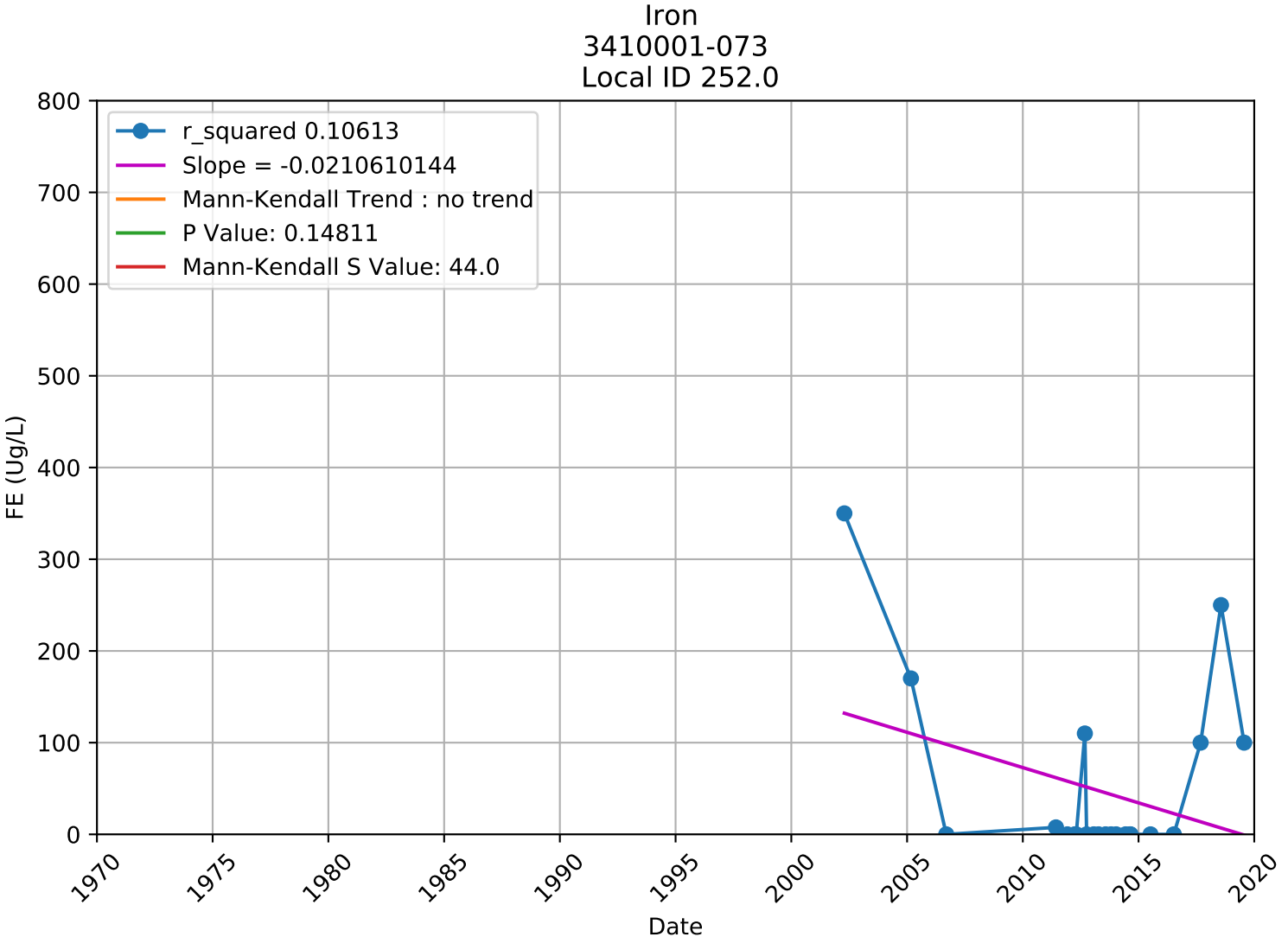

Iron
3410001-067
Local ID 2.0
r_squared 0.39532
Slope = 0.0808226127
Mann-Kendall Trend : no trend
P Value: 0.32144
Mann-Kendall S Value: 23.0
FE (Ug/L)
Date
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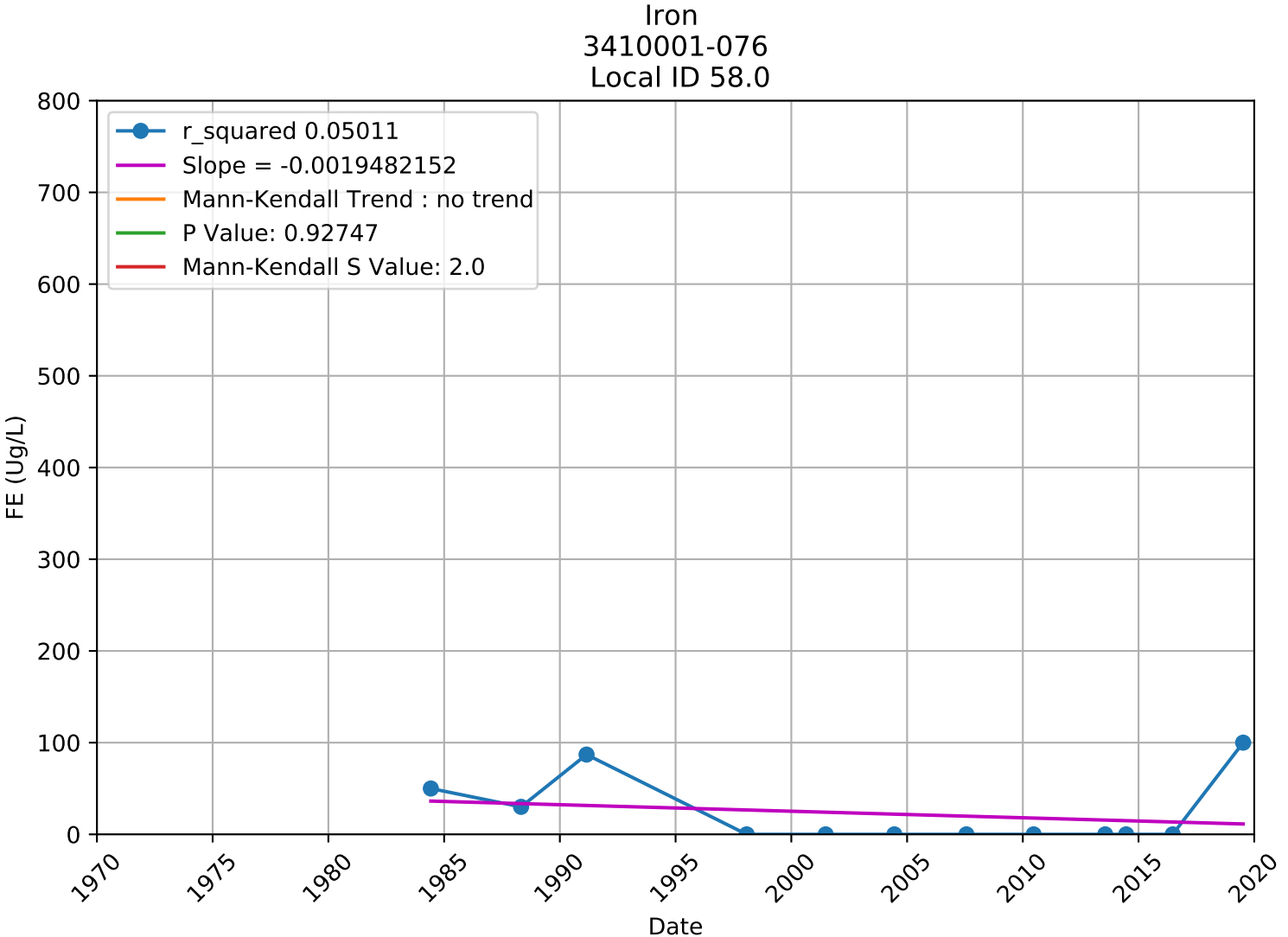

Iron
3410001-069
Local ID 225.0
r_squared 0.00023
Slope = 0.0001953567
Mann-Kendall Trend : no trend
P Value: 0.50484
Mann-Kendall S Value: 14.0
FE (Ug/L)
Date
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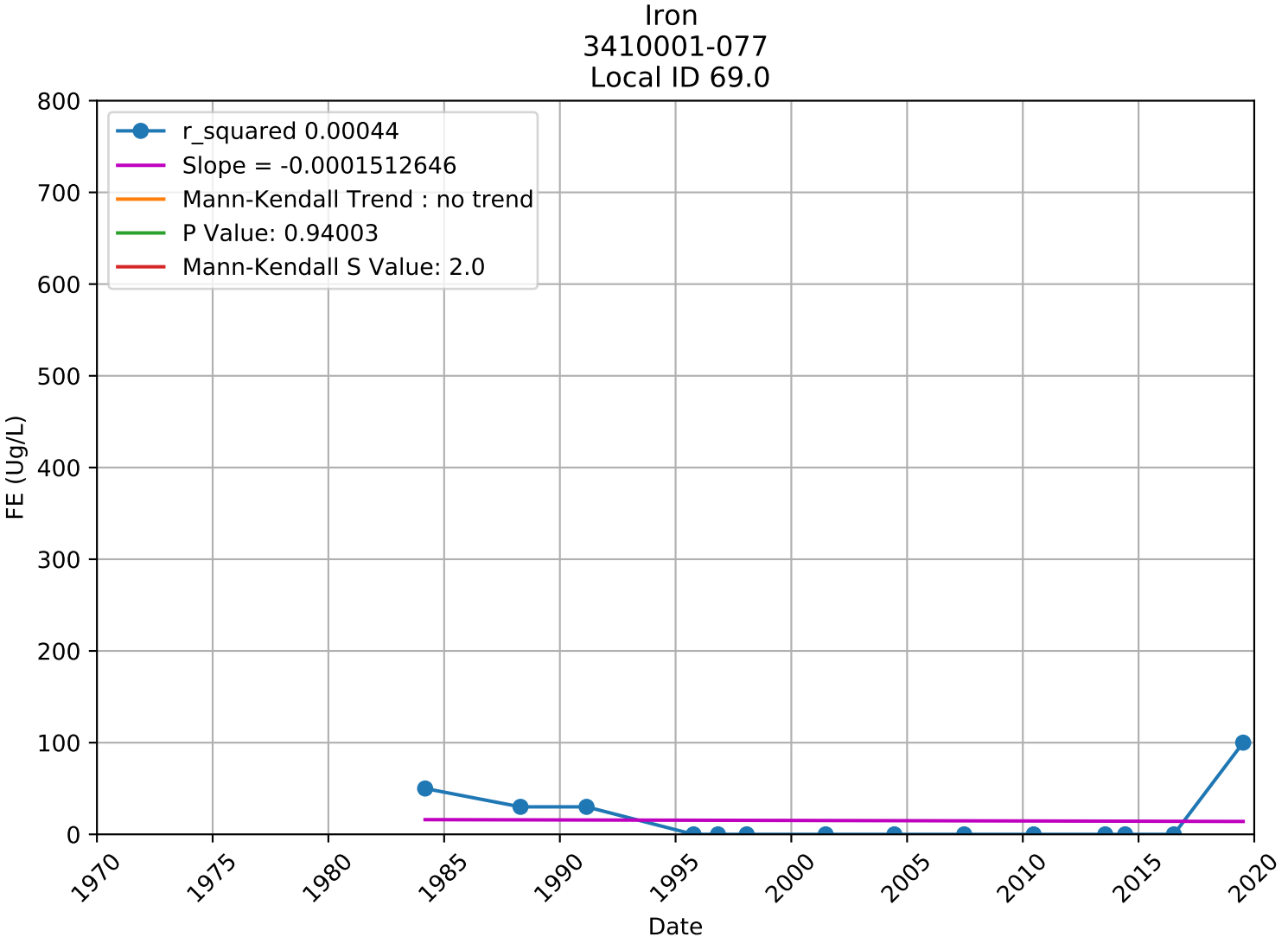

Iron
3410001-070
Local ID 255.0
r_squared 0.02300
Slope = 0.0021901018
Mann-Kendall Trend : no trend
P Value: 0.91899
Mann-Kendall S Value: -2.0
FE (Ug/L)
Date
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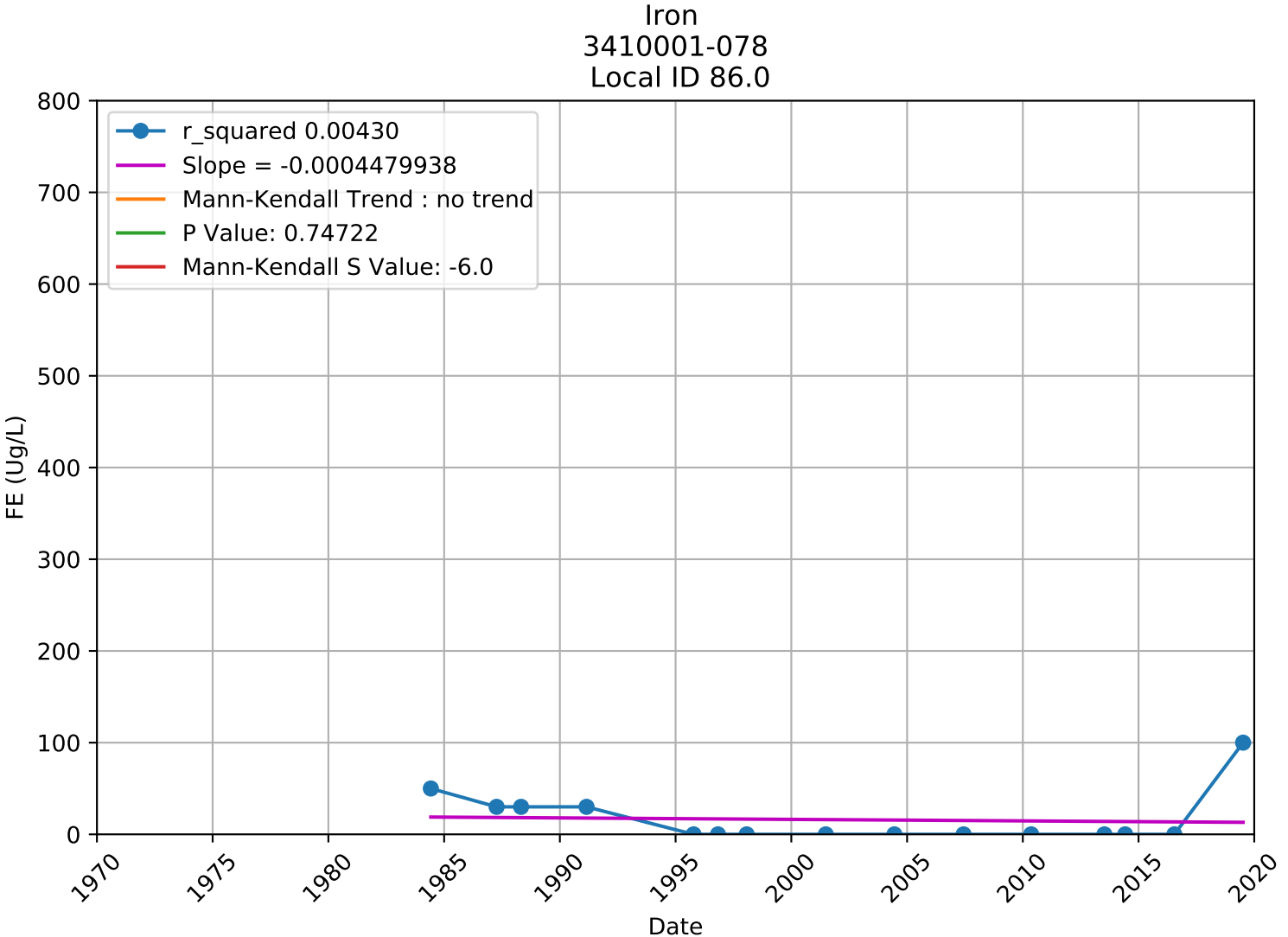

Iron
3410001-071
Local ID 205.0
r_squared 0.29912
Slope = 0.0212367801
Mann-Kendall Trend : increasing
P Value: 0.00000
Mann-Kendall S Value: 666.0
FE (Ug/L)
Date
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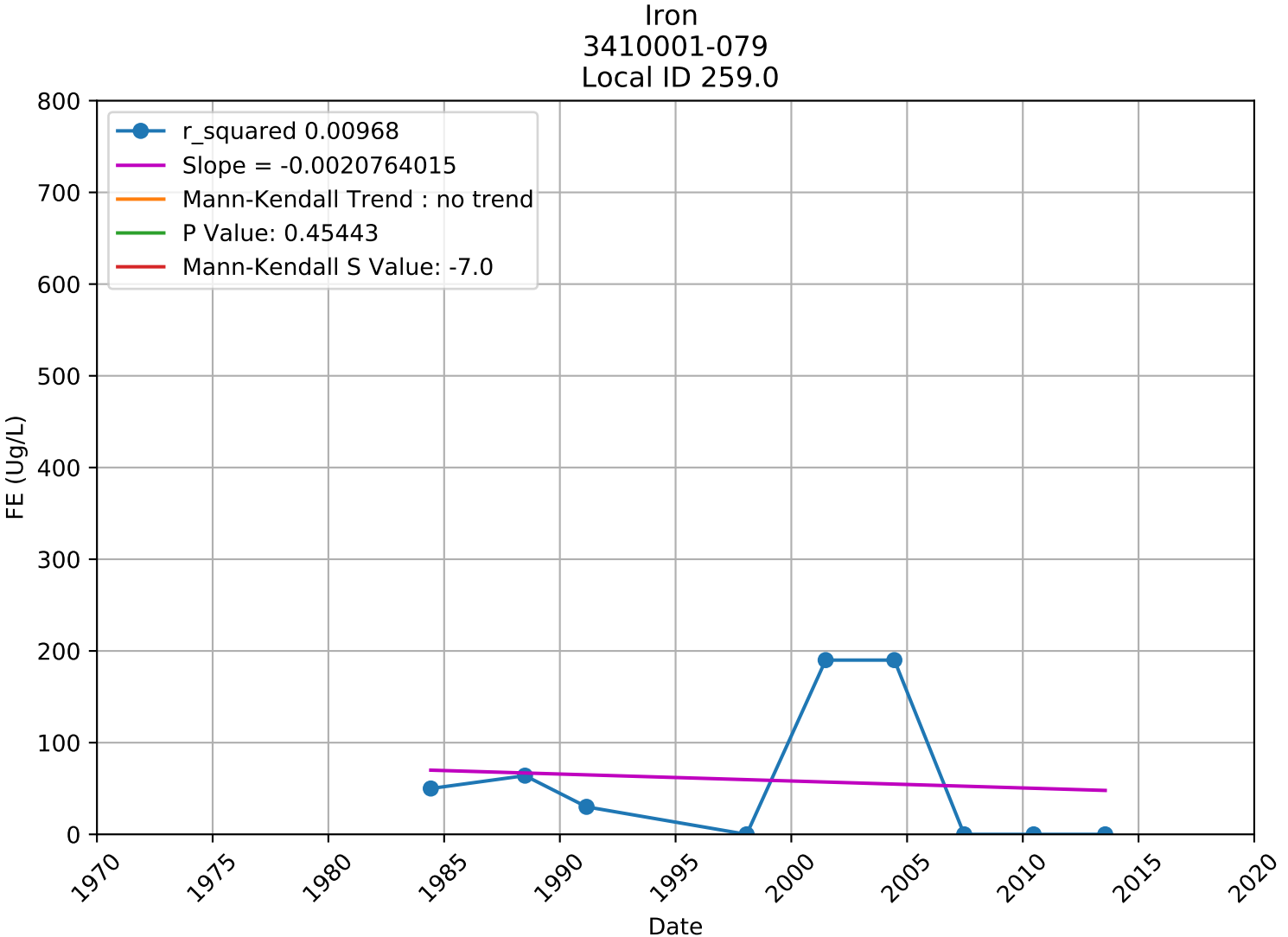

Iron
3410001-072
Local ID 106.0
r_squared 0.00035
Slope = 0.0013698444
Mann-Kendall Trend : no trend
P Value: 0.68034
Mann-Kendall S Value: -8.0
FE (Ug/L)
Date
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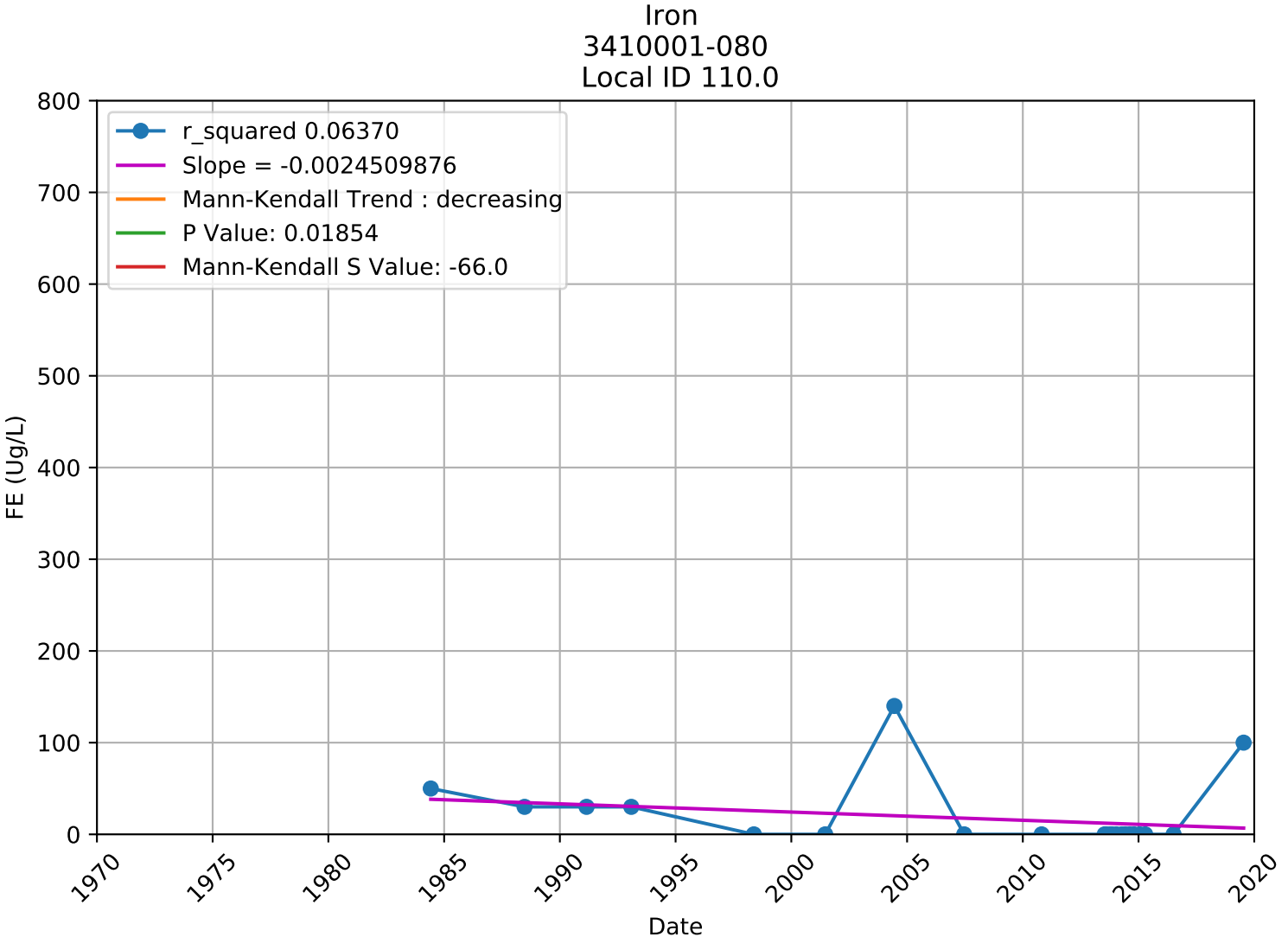

Iron
3410001-073
Local ID 252.0
r_squared 0.10613
Slope = -0.0210610144
Mann-Kendall Trend : no trend
P Value: 0.14811
Mann-Kendall S Value: 44.0
FE (Ug/L)
Date
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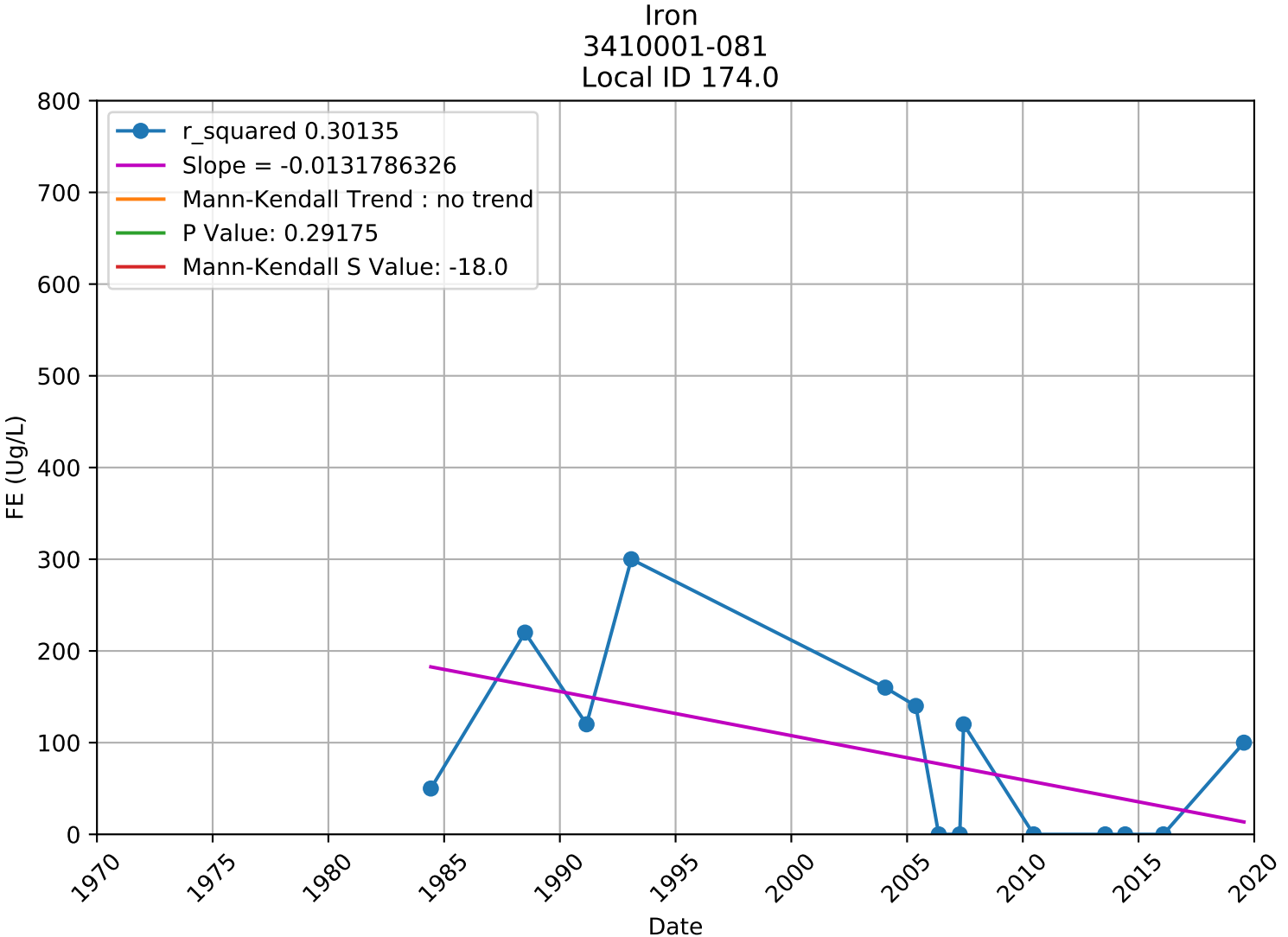

Iron
3410001-076
Local ID 58.0
r_squared 0.05011
Slope = -0.0019482152
Mann-Kendall Trend : no trend
P Value: 0.92747
Mann-Kendall S Value: 2.0
FE (Ug/L)
Date
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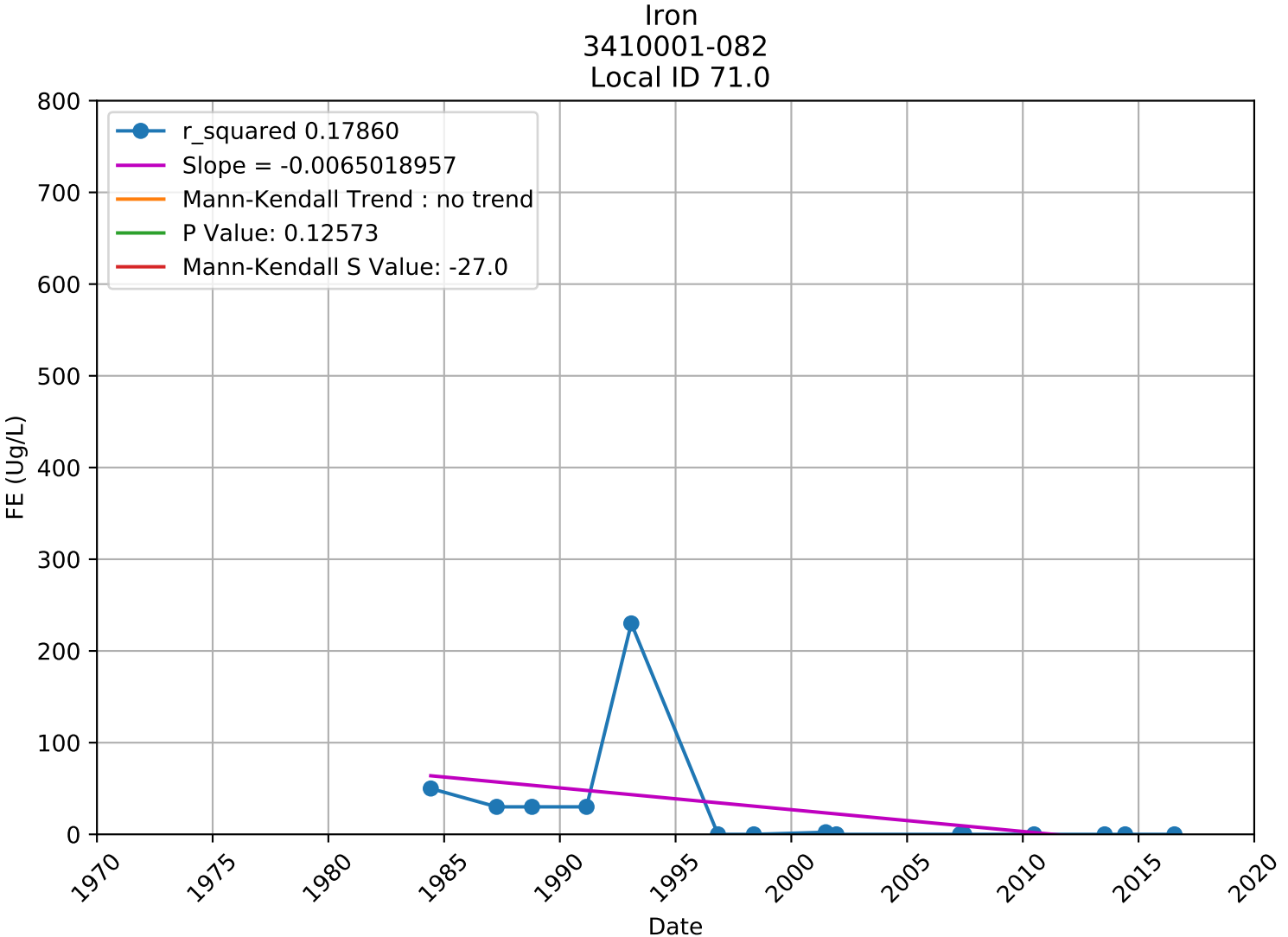

Iron
3410001-077
Local ID 69.0
r_squared 0.00044
Slope = -0.0001512646
Mann-Kendall Trend : no trend
P Value: 0.94003
Mann-Kendall S Value: 2.0
FE (Ug/L)
Date
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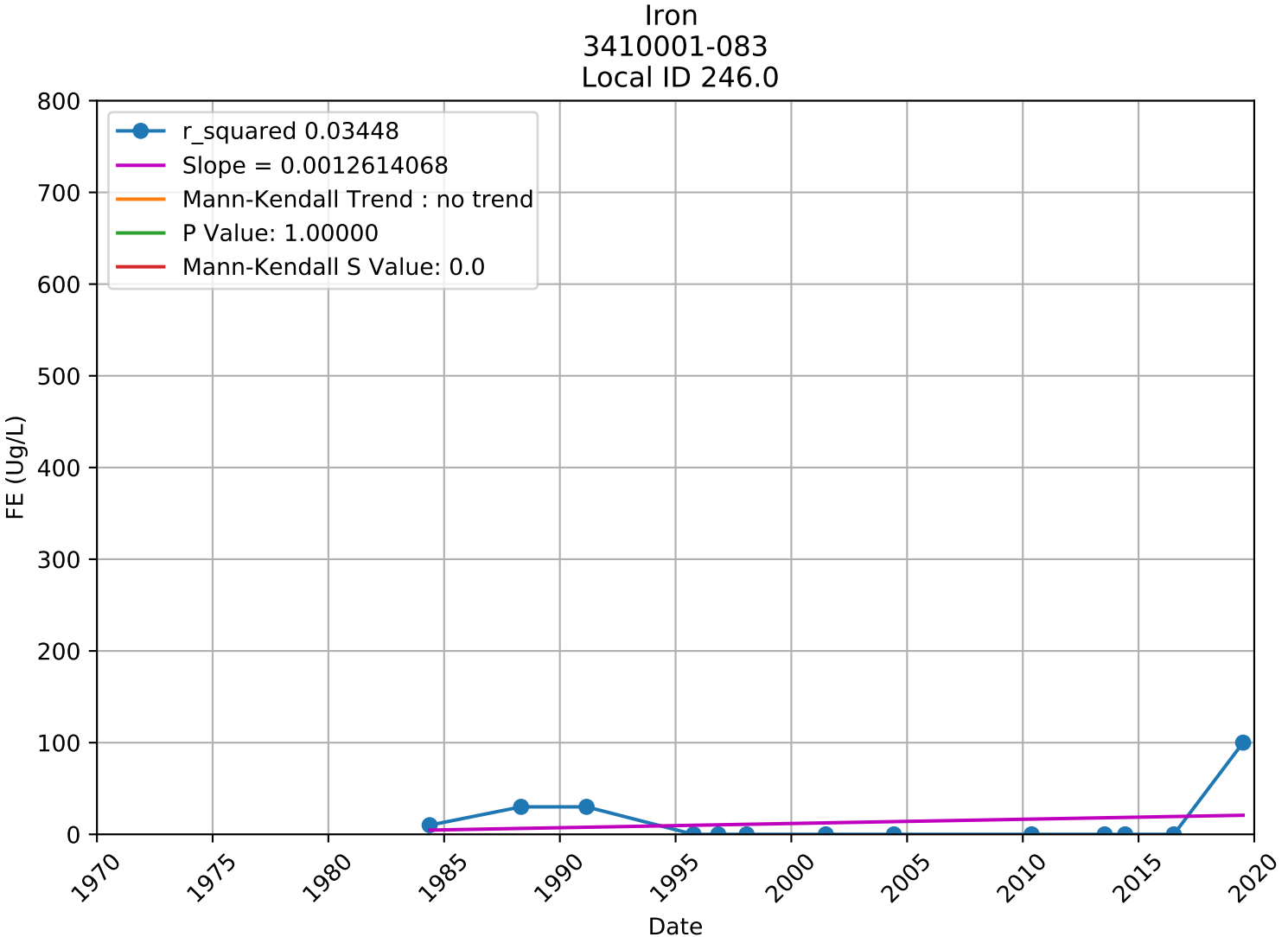

Iron
3410001-078
Local ID 86.0
r_squared 0.00430
Slope = -0.0004479938
Mann-Kendall Trend : no trend
P Value: 0.74722
Mann-Kendall S Value: -6.0
FE (Ug/L)
Date
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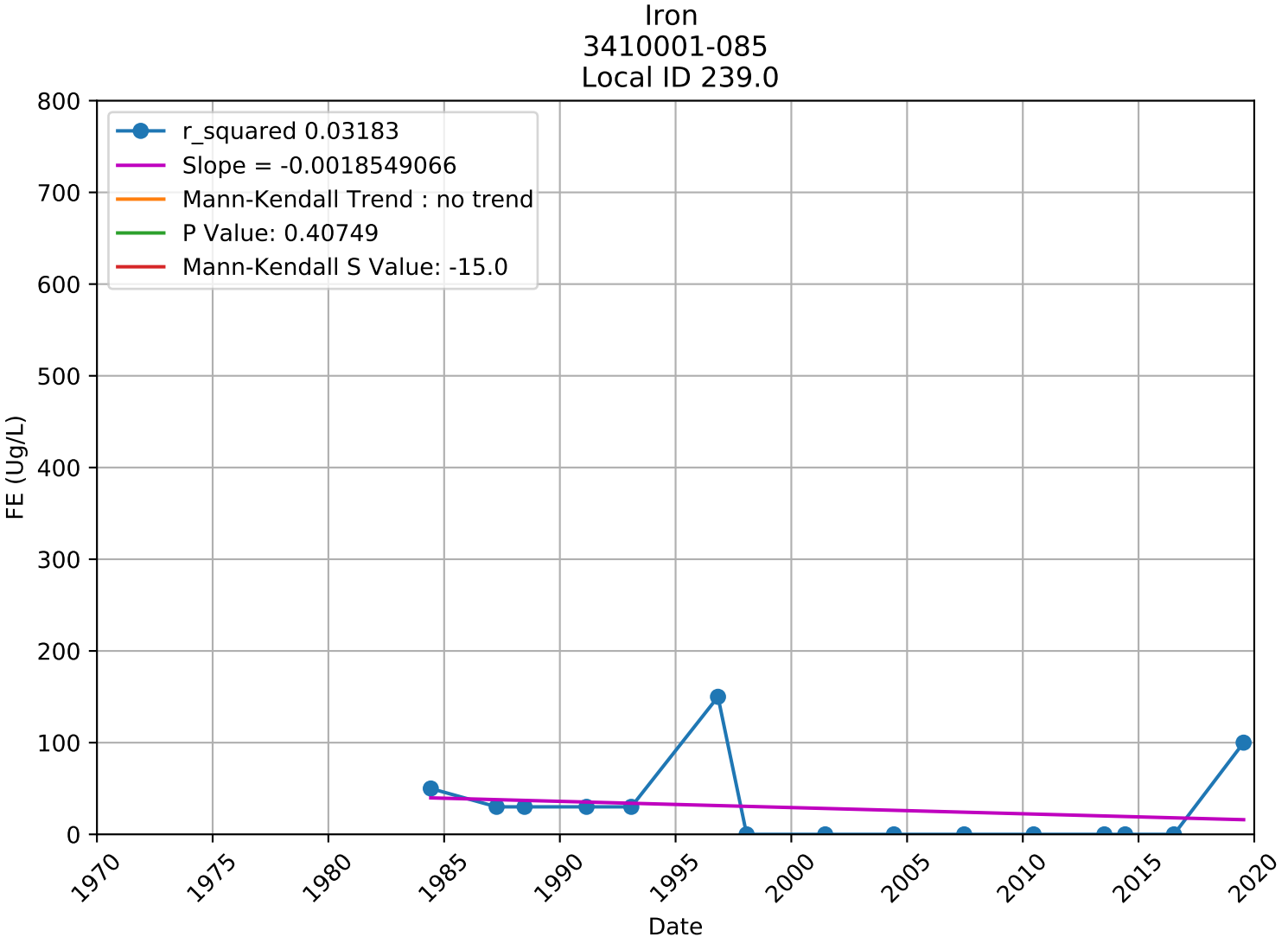

Iron
3410001-079
Local ID 259.0
r_squared 0.00968
Slope = -0.0020764015
Mann-Kendall Trend : no trend
P Value: 0.45443
Mann-Kendall S Value: -7.0
FE (Ug/L)
Date
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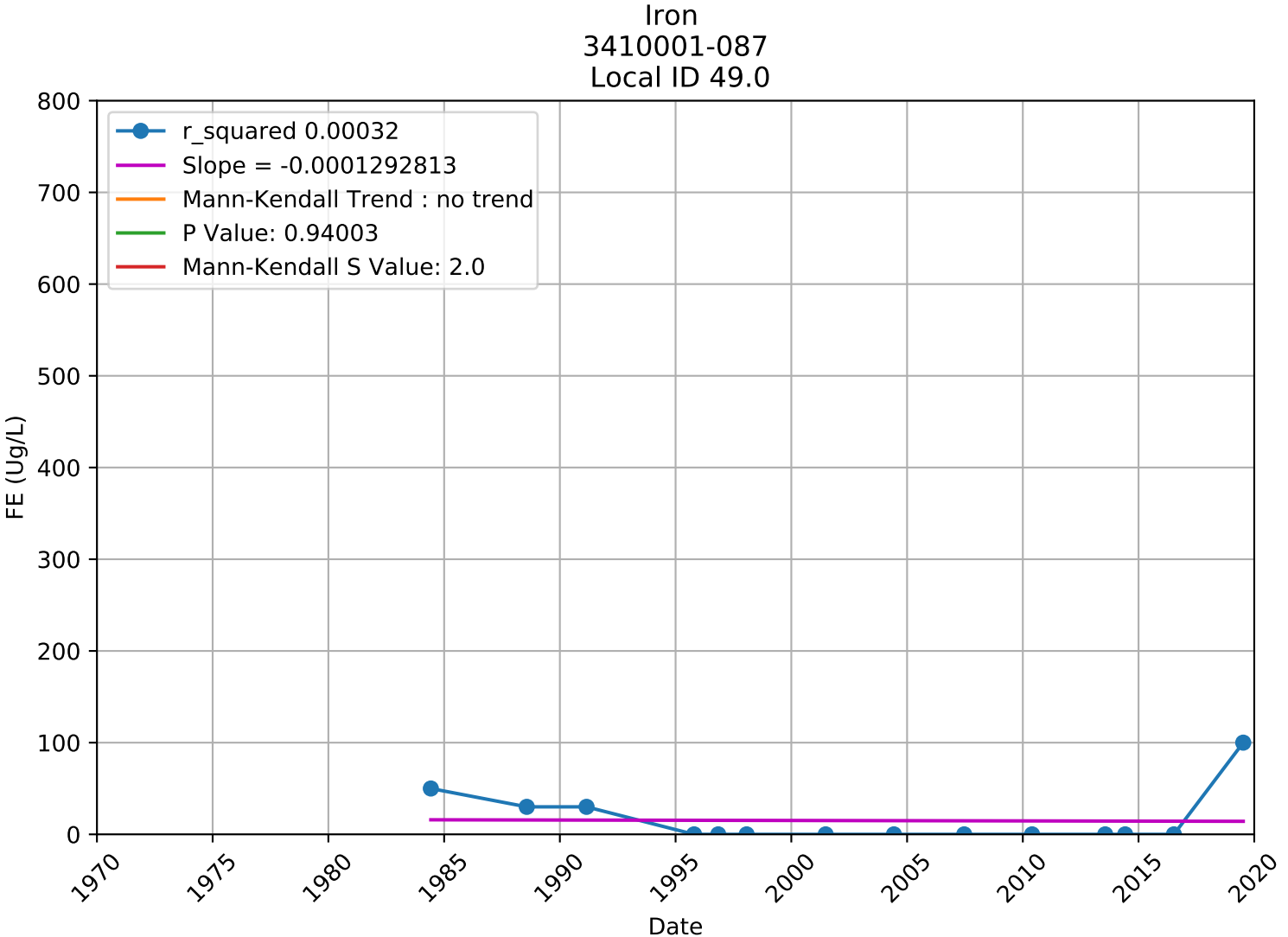

Iron
3410001-080
Local ID 110.0
r_squared 0.06370
Slope = -0.0024509876
Mann-Kendall Trend : decreasing
P Value: 0.01854
Mann-Kendall S Value: -66.0
FE (Ug/L)
Date
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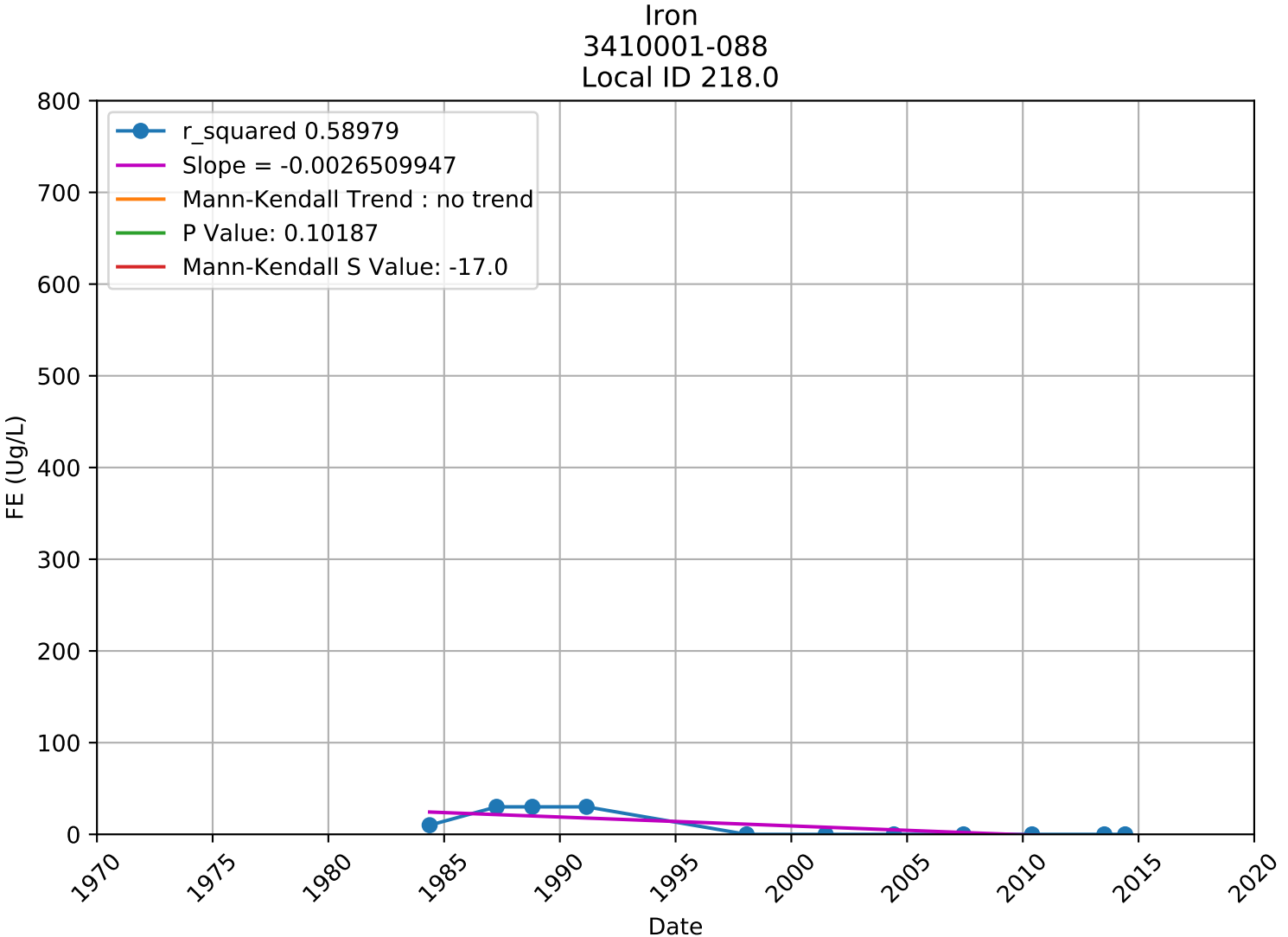

Iron
3410001-081
Local ID 174.0
r_squared 0.30135
Slope = -0.0131786326
Mann-Kendall Trend : no trend
P Value: 0.29175
Mann-Kendall S Value: -18.0
FE (Ug/L)
Date
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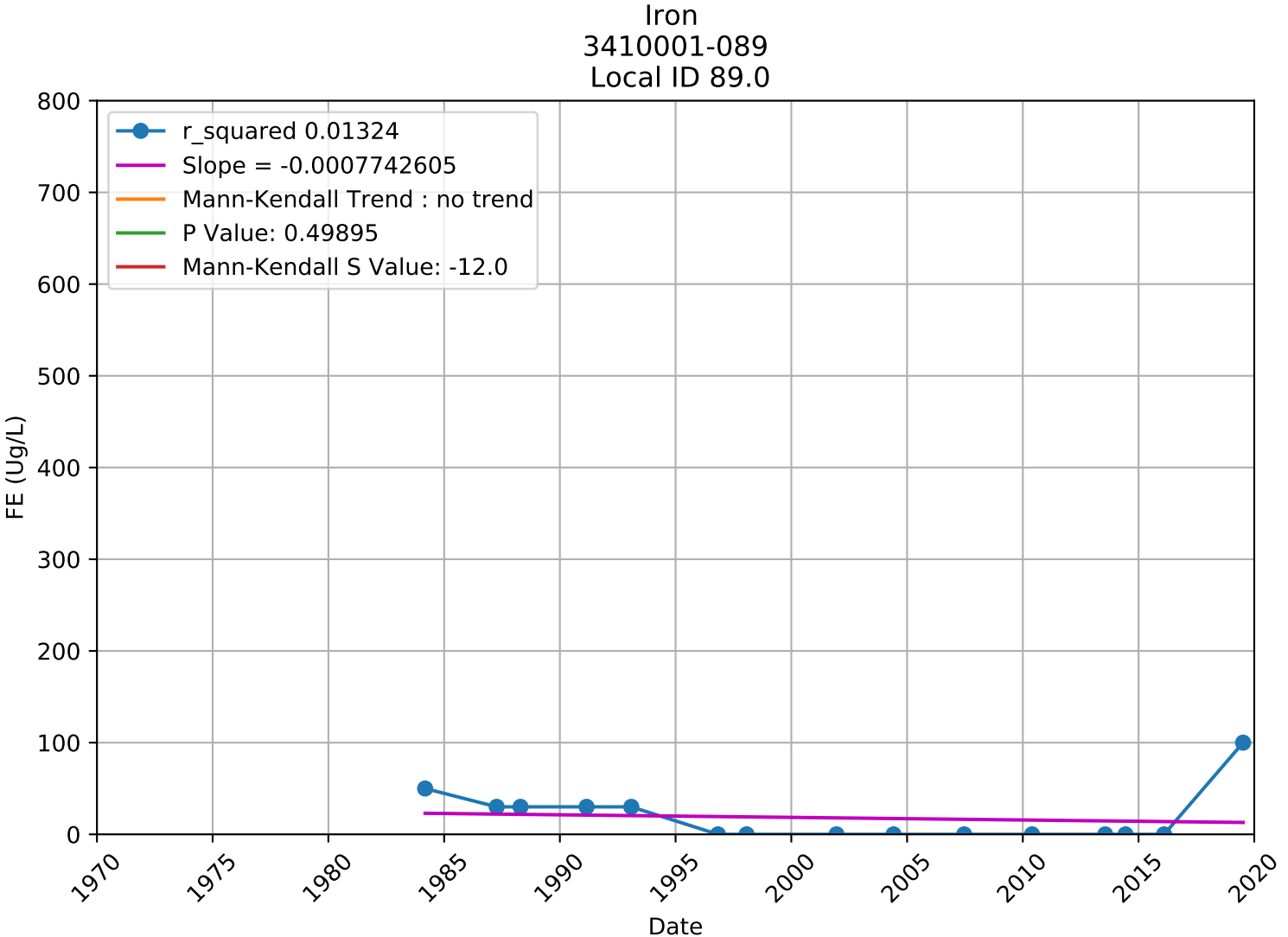

Iron
3410001-082
Local ID 71.0
r_squared 0.17860
Slope = -0.0065018957
Mann-Kendall Trend : no trend
P Value: 0.12573
Mann-Kendall S Value: -27.0
FE (Ug/L)
Date
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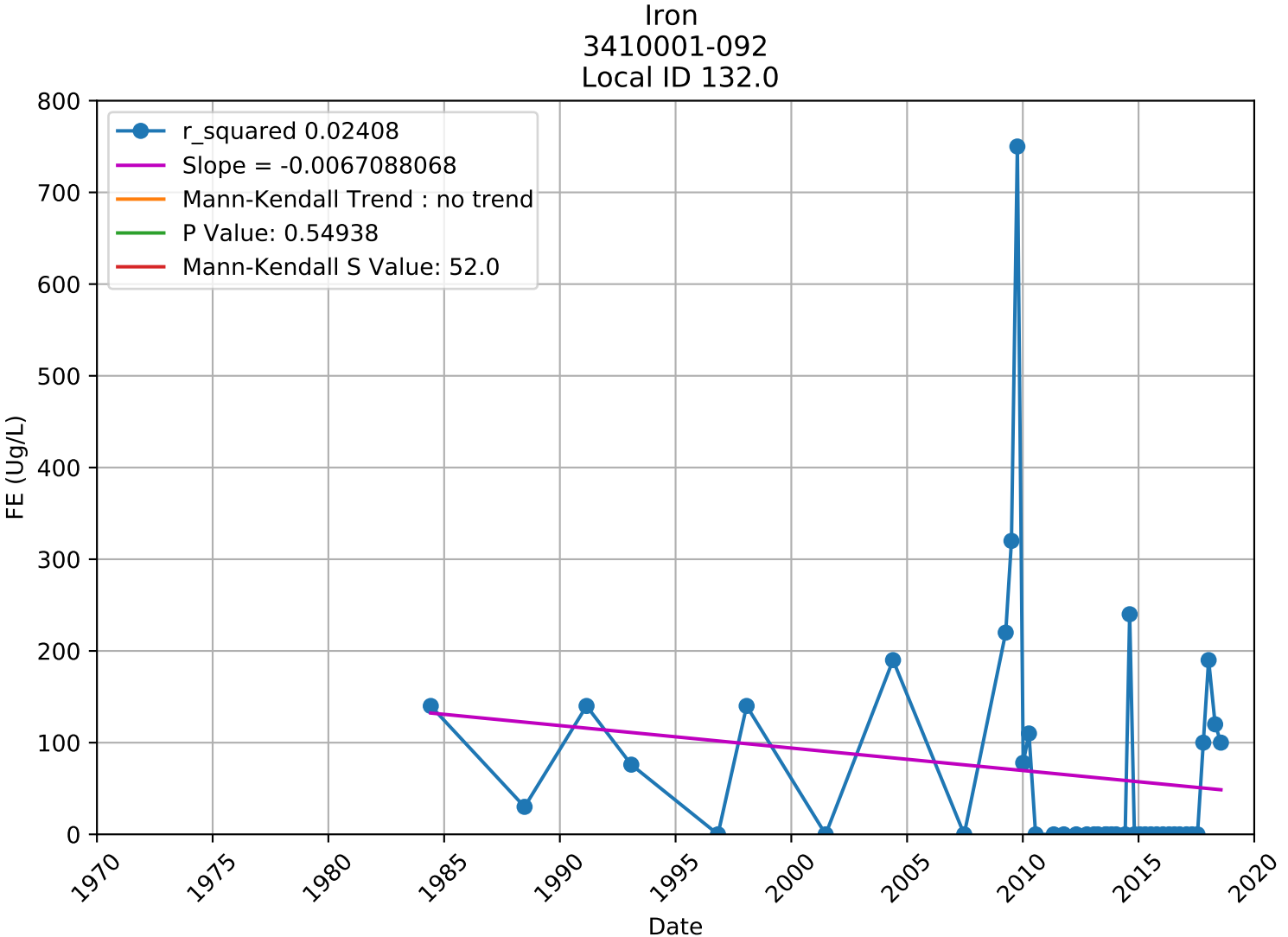

Iron
3410001-083
Local ID 246.0
r_squared 0.03448
Slope = 0.0012614068
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
FE (Ug/L)
Date
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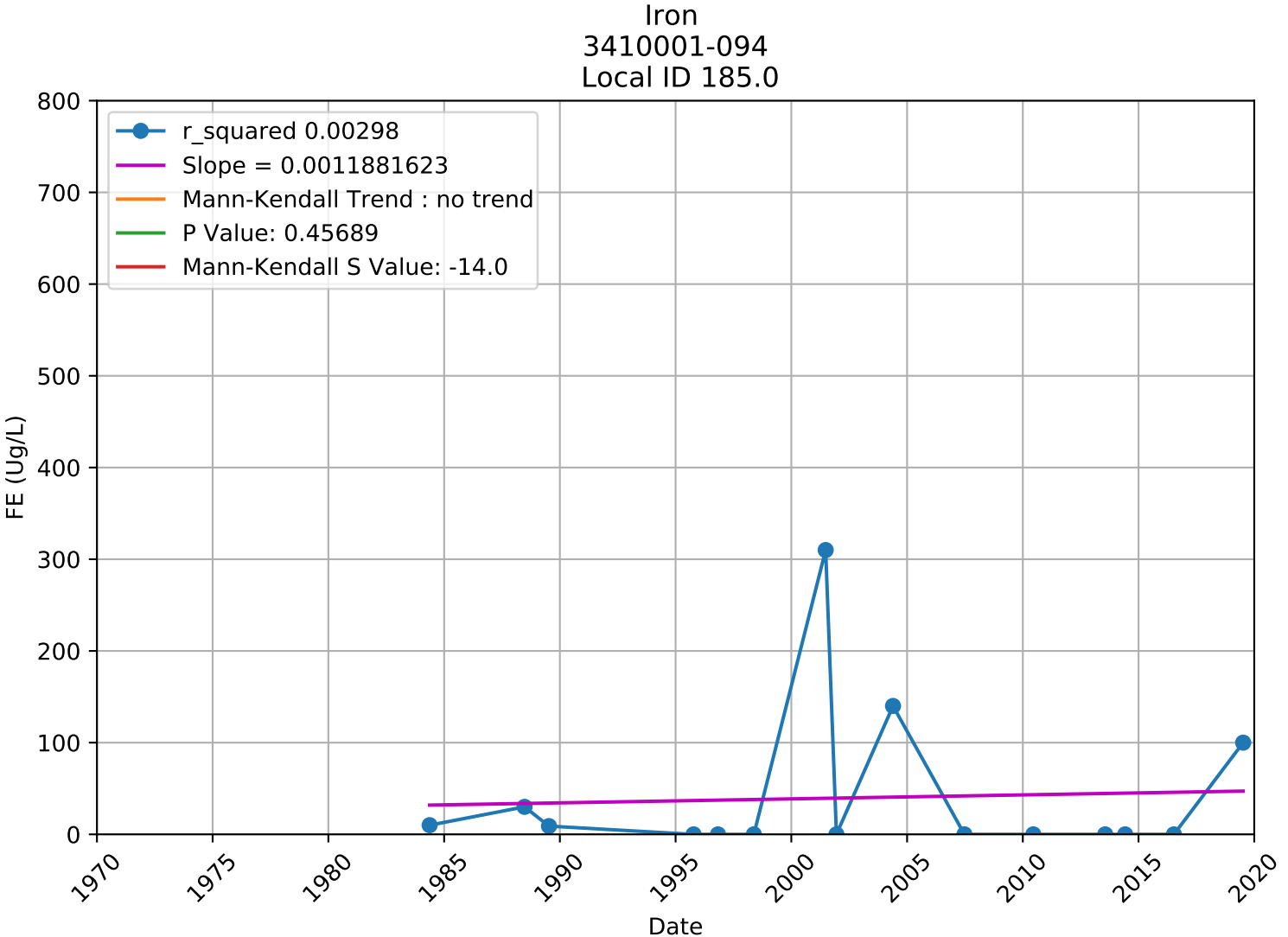

Iron
3410001-085
Local ID 239.0
r_squared 0.03183
Slope = -0.0018549066
Mann-Kendall Trend : no trend
P Value: 0.40749
Mann-Kendall S Value: -15.0
FE (Ug/L)
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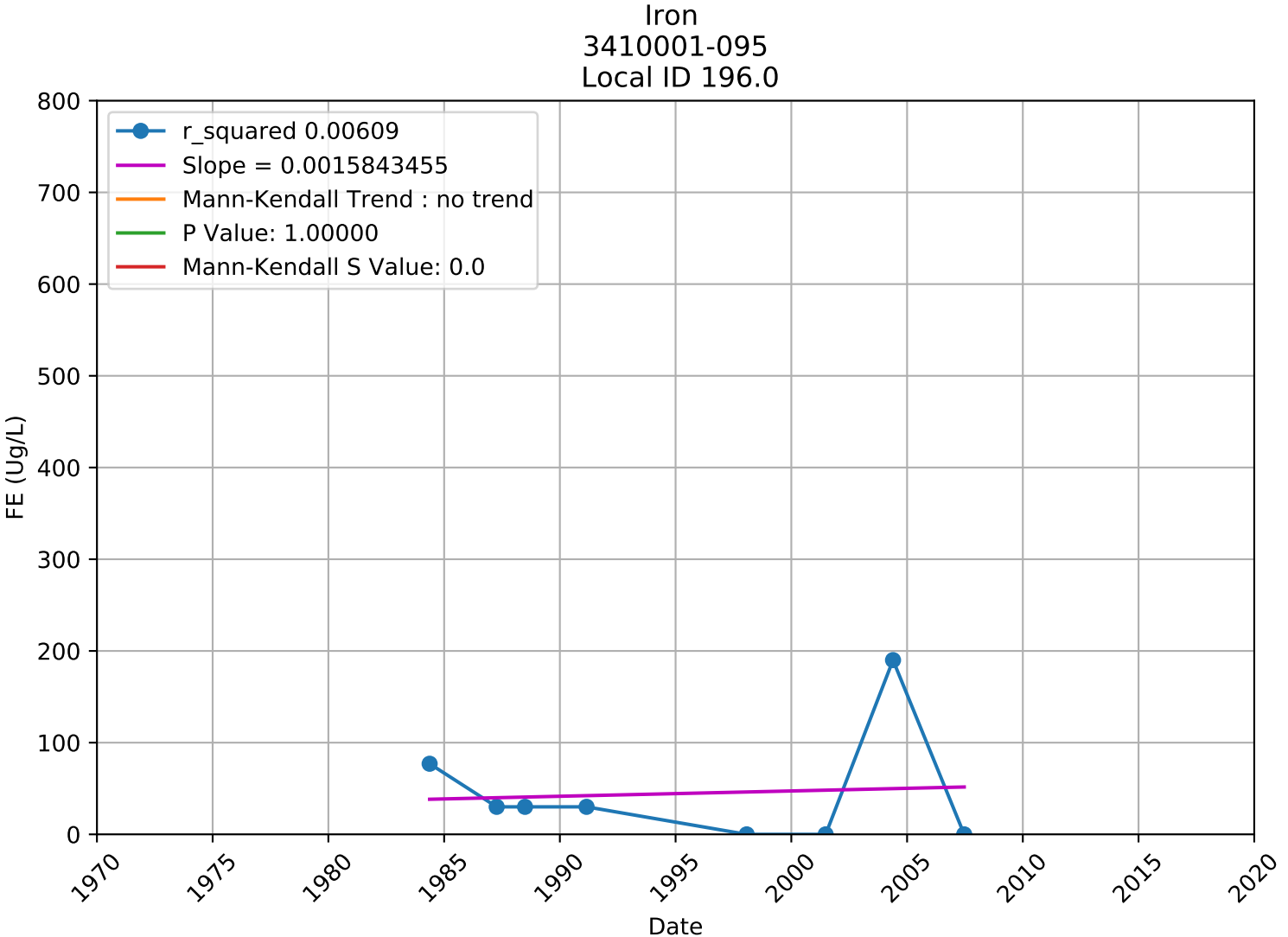

Iron
3410001-087
Local ID 49.0
r_squared 0.00032
Slope = -0.0001292813
Mann-Kendall Trend : no trend
P Value: 0.94003
Mann-Kendall S Value: 2.0
FE (Ug/L)
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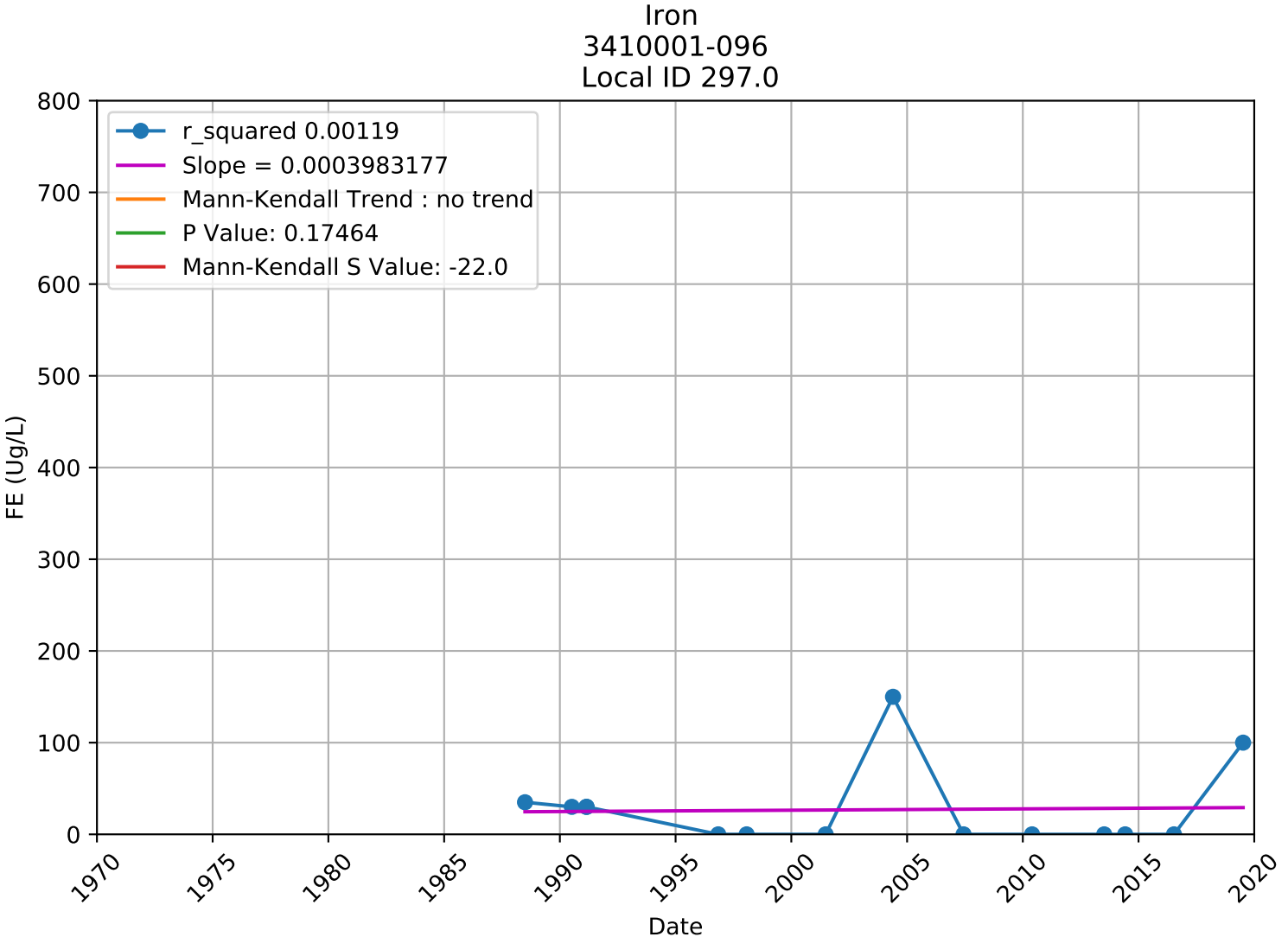

Iron
3410001-088
Local ID 218.0
r_squared 0.58979
Slope = -0.0026509947
Mann-Kendall Trend : no trend
P Value: 0.10187
Mann-Kendall S Value: -17.0
FE (Ug/L)
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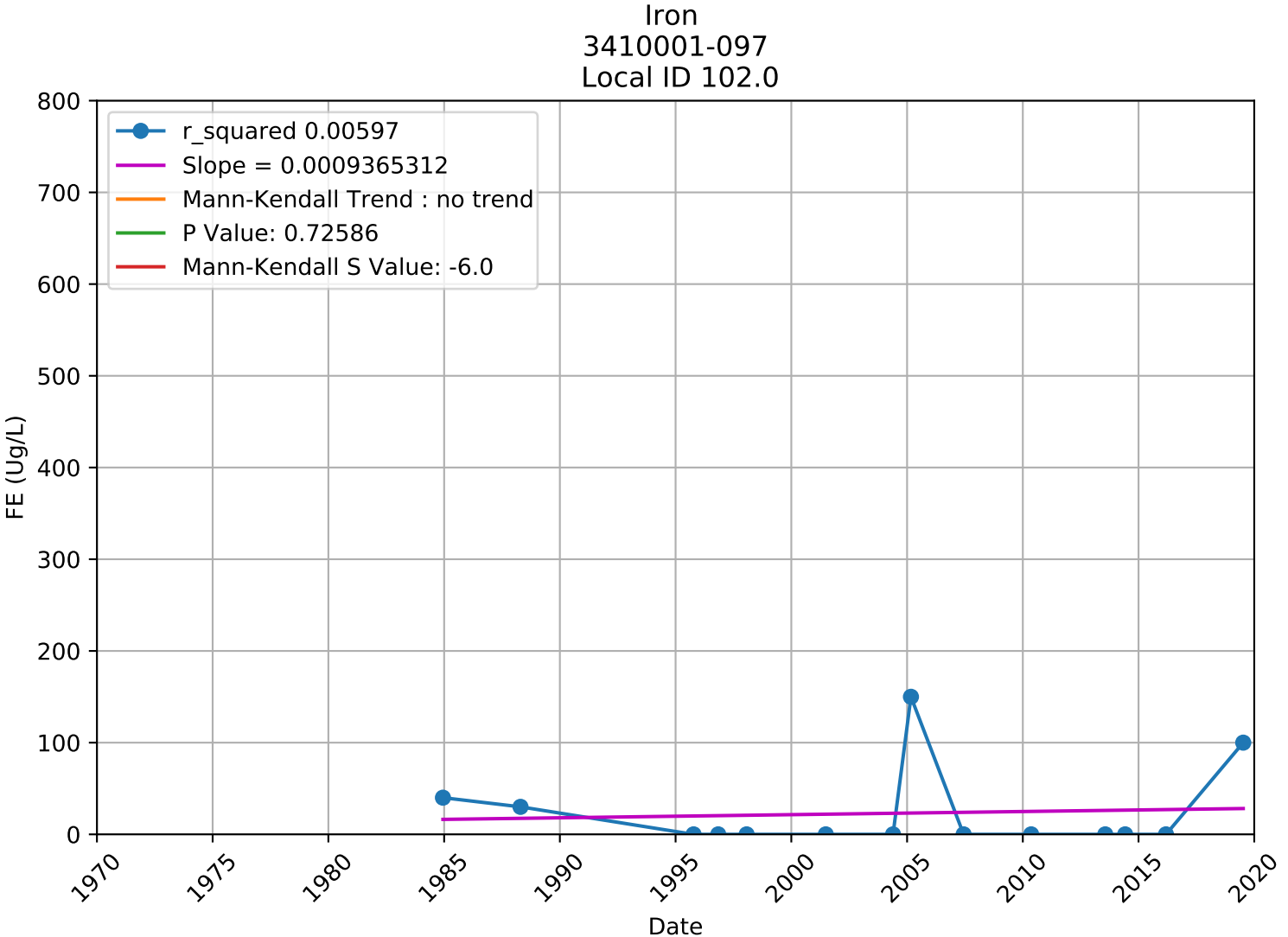

Iron
3410001-089
Local ID 89.0
r_squared 0.01324
Slope = -0.0007742605
Mann-Kendall Trend : no trend
P Value: 0.49895
Mann-Kendall S Value: -12.0
FE (Ug/L)
Date
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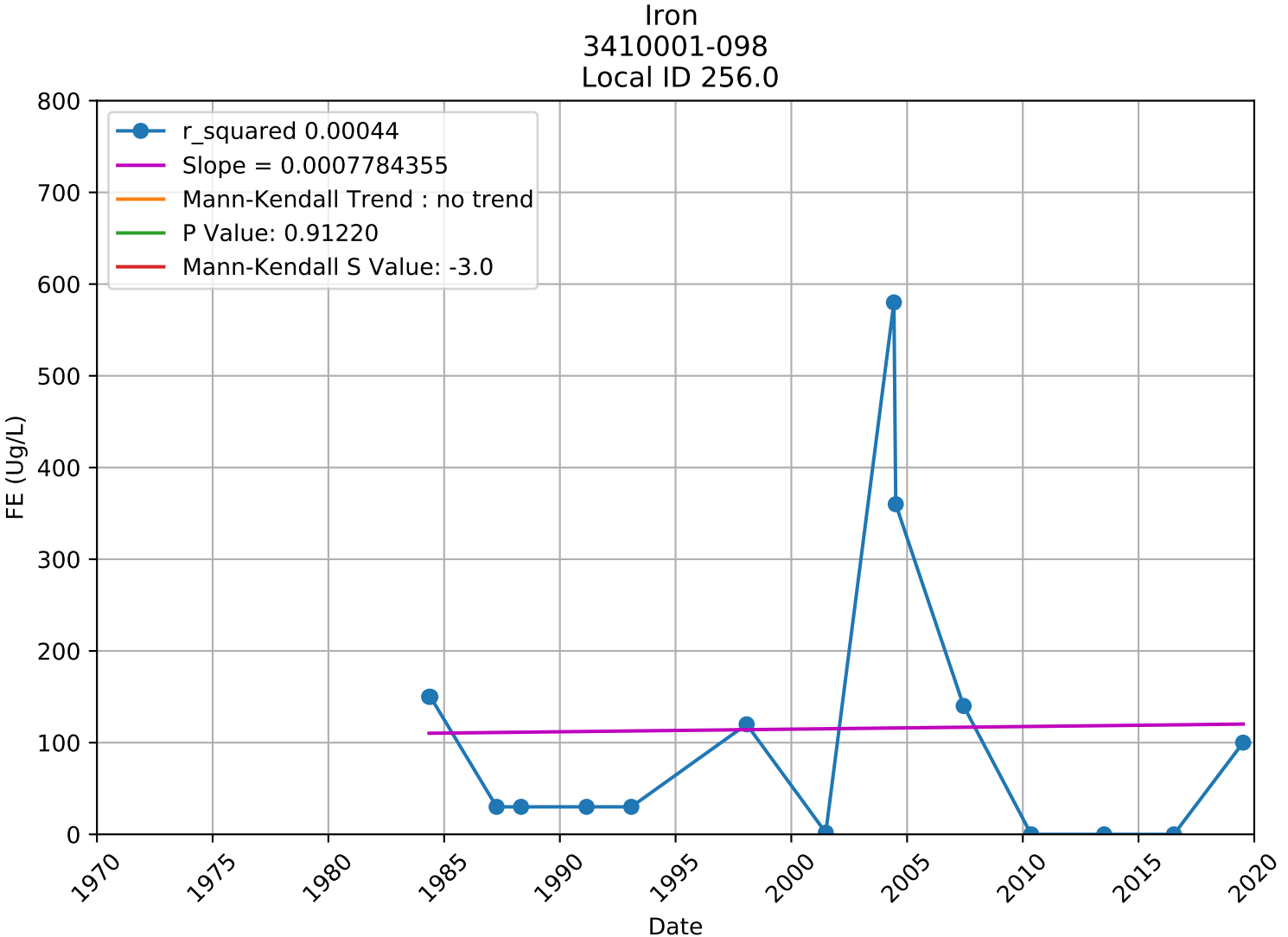

Iron
3410001-092
Local ID 132.0
r_squared 0.02408
Slope = -0.0067088068
Mann-Kendall Trend : no trend
P Value: 0.54938
Mann-Kendall S Value: 52.0
FE (Ug/L)
Date
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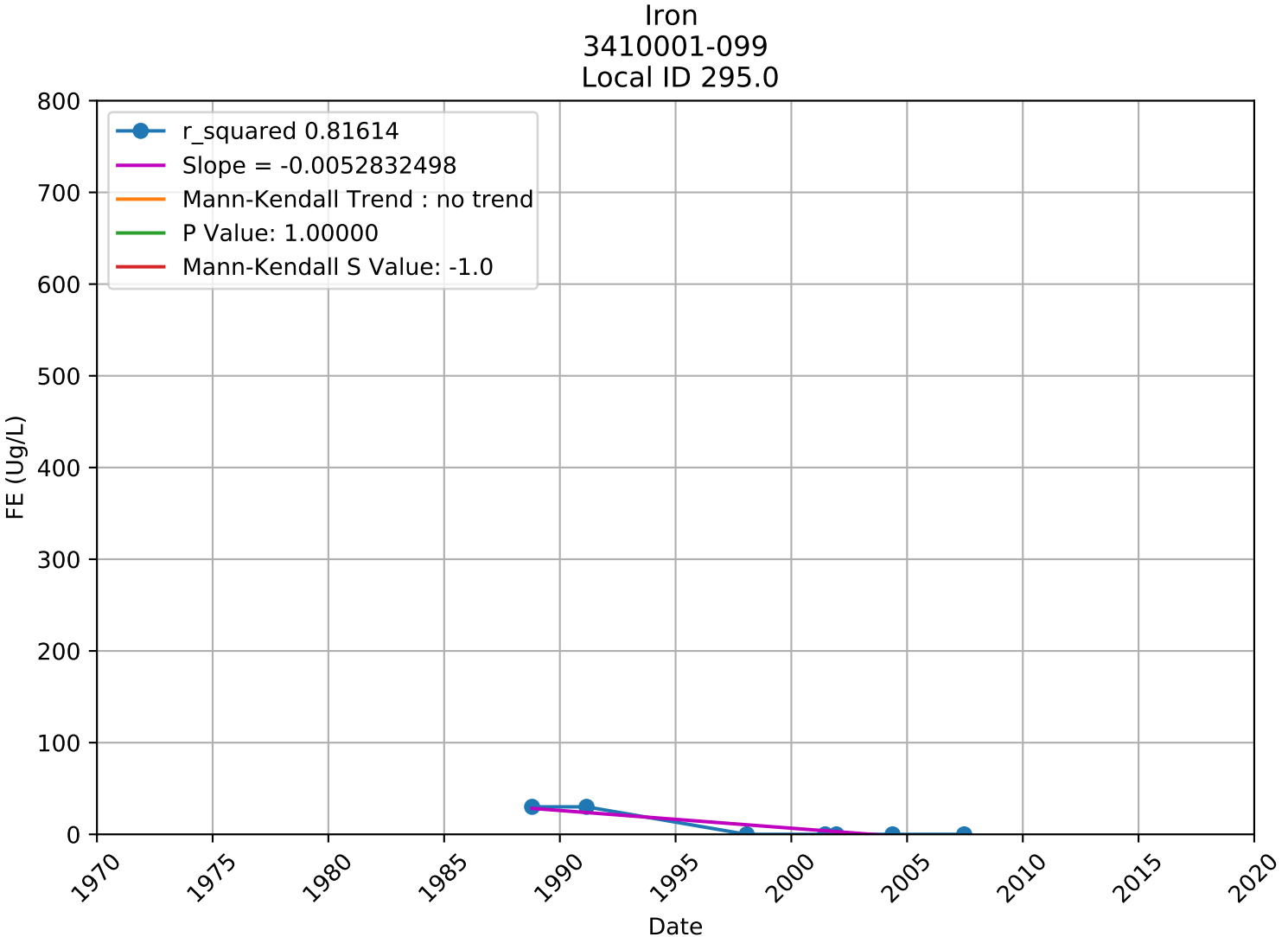

Iron
3410001-094
Local ID 185.0
r_squared 0.00298
Slope = 0.0011881623
Mann-Kendall Trend : no trend
P Value: 0.45689
Mann-Kendall S Value: -14.0
FE (Ug/L)
Date
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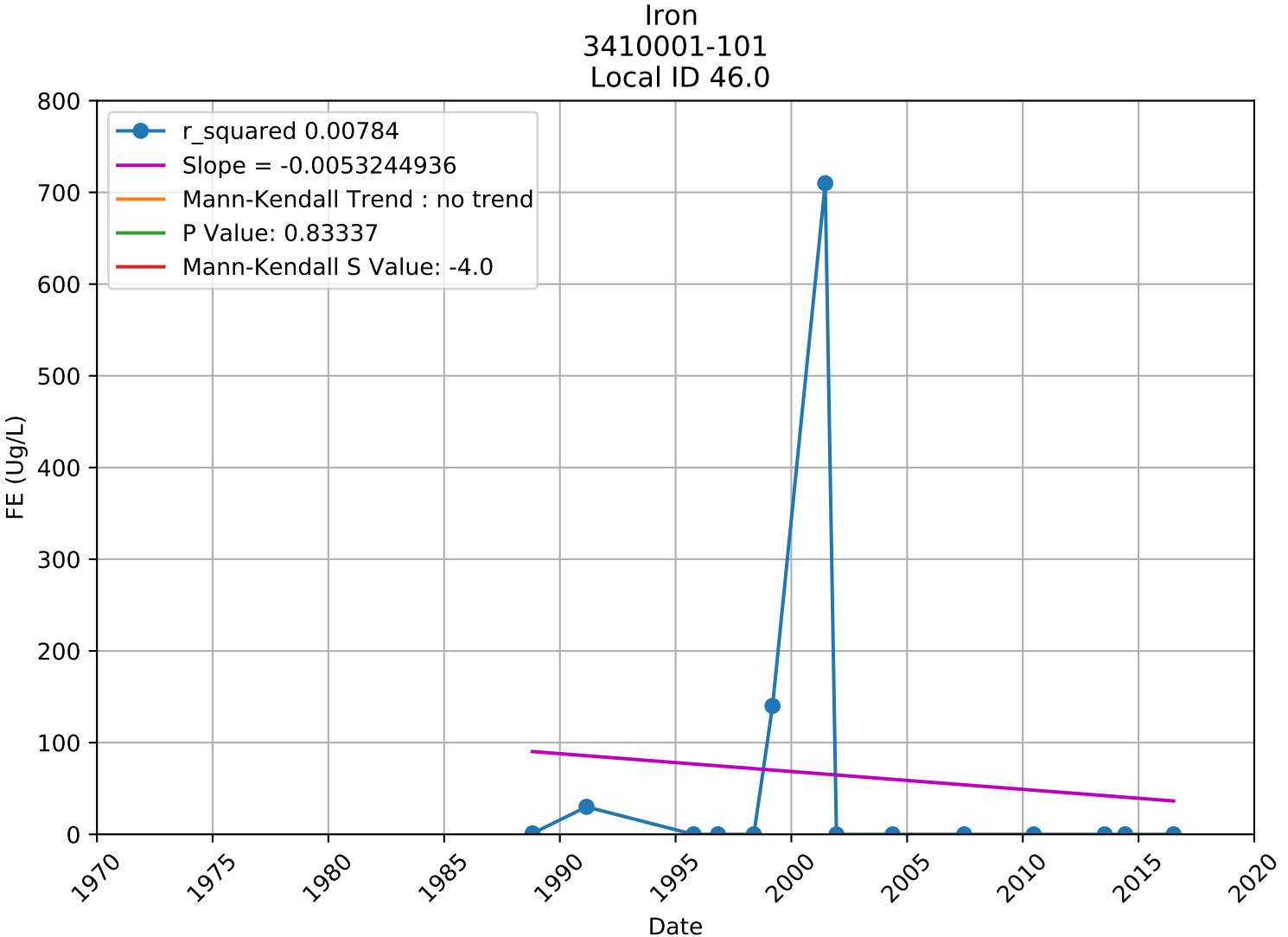

Iron
3410001-095
Local ID 196.0
r_squared 0.00609
Slope = 0.0015843455
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
FE (Ug/L)
Date
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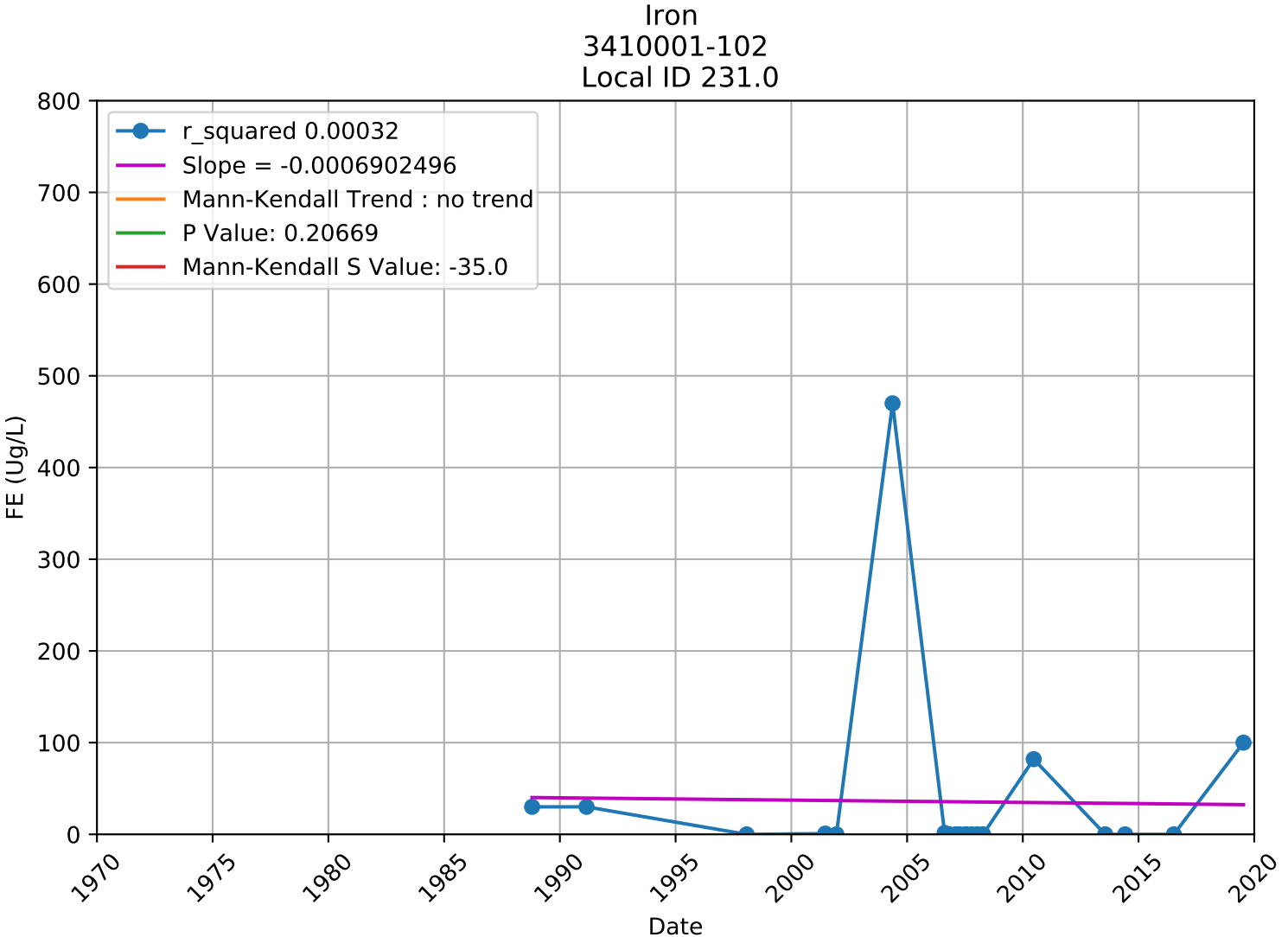

Iron
3410001-096
Local ID 297.0
r_squared 0.00119
Slope = 0.0003983177
Mann-Kendall Trend : no trend
P Value: 0.17464
Mann-Kendall S Value: -22.0
FE (Ug/L)
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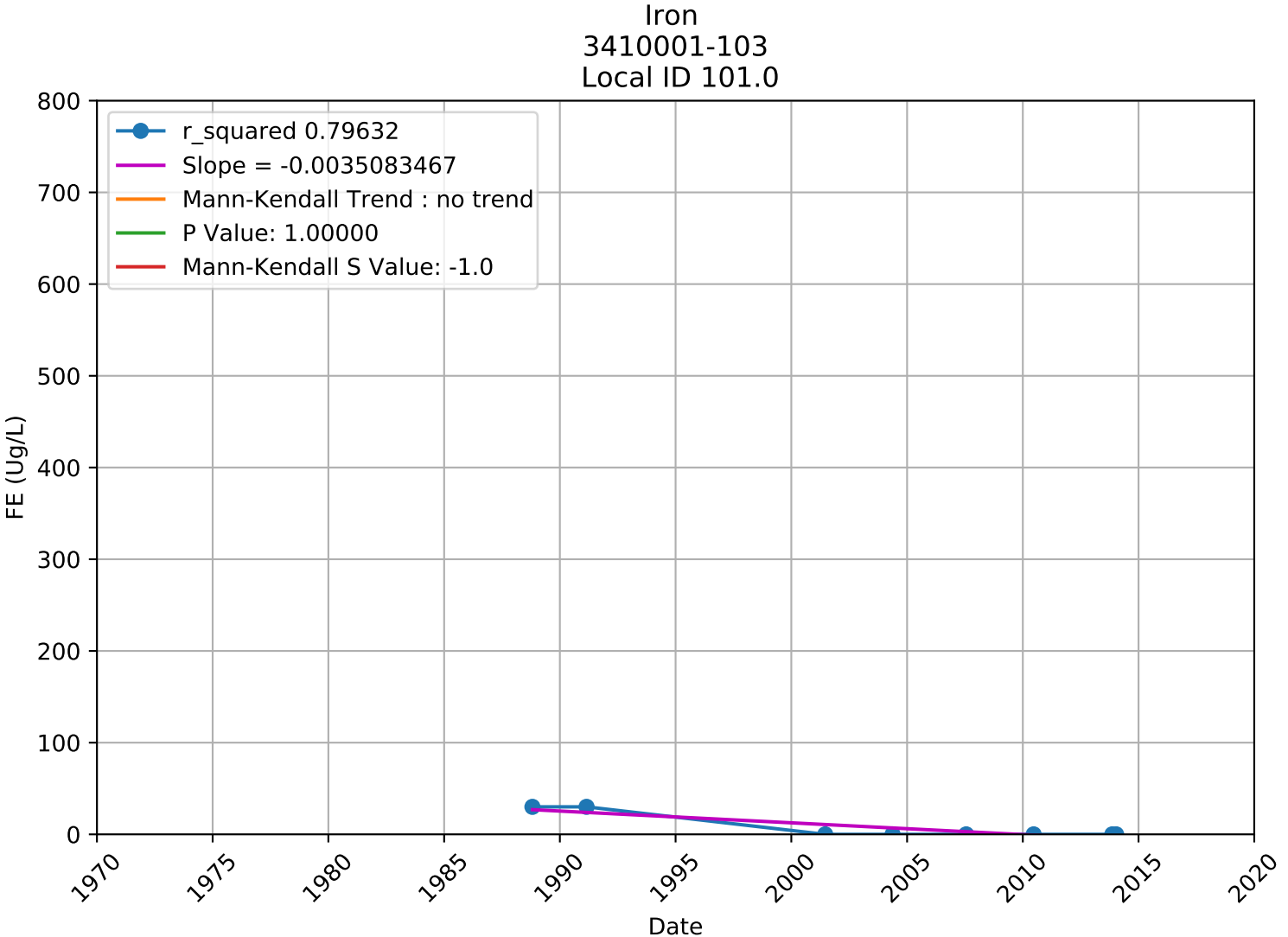

Iron
3410001-097
Local ID 102.0
r_squared 0.00597
Slope = 0.0009365312
Mann-Kendall Trend : no trend
P Value: 0.72586
Mann-Kendall S Value: -6.0
FE (Ug/L)
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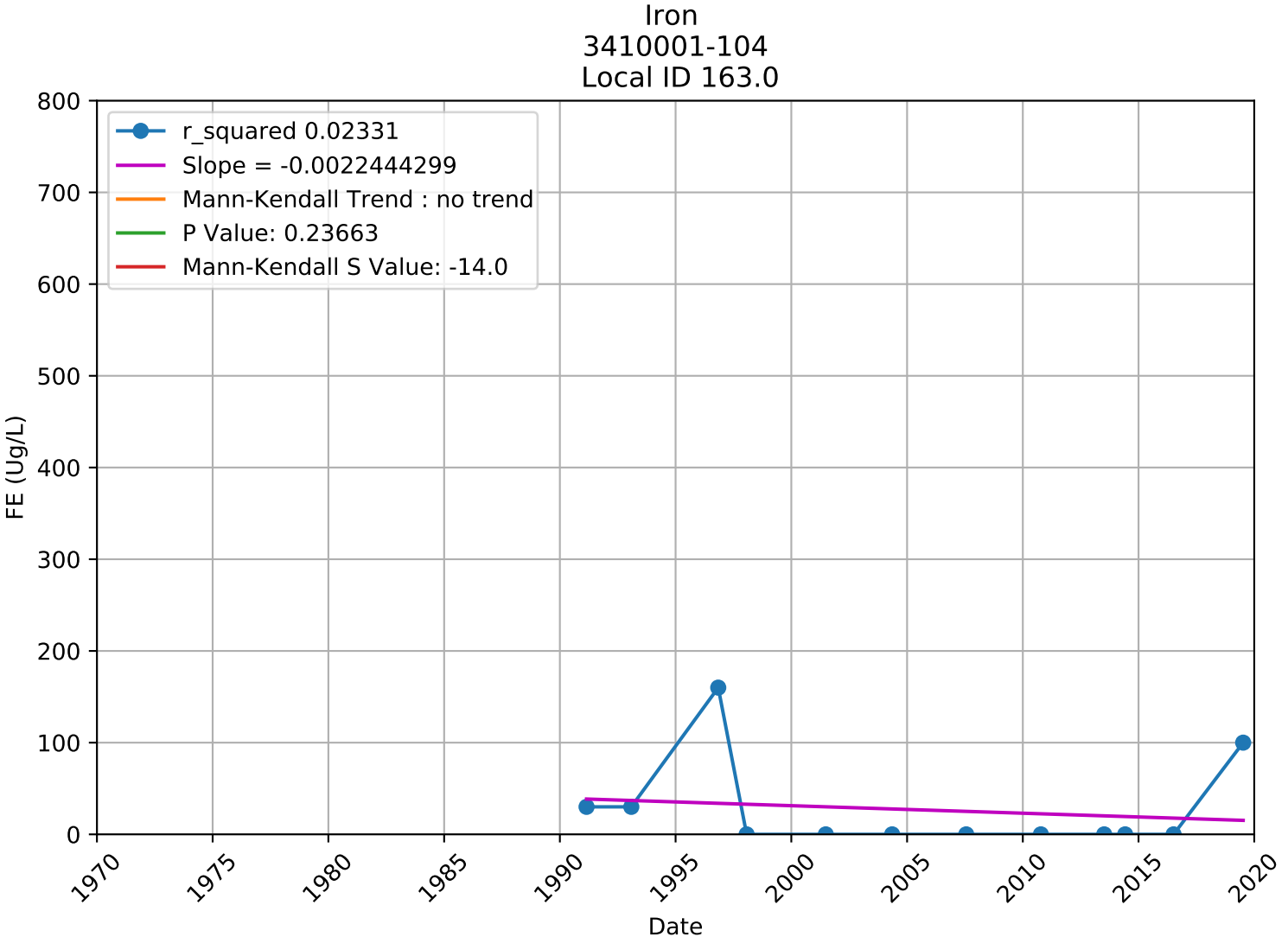

Iron
3410001-098
Local ID 256.0
r_squared 0.00044
Slope = 0.0007784355
Mann-Kendall Trend : no trend
P Value: 0.91220
Mann-Kendall S Value: -3.0
FE (Ug/L)
Date
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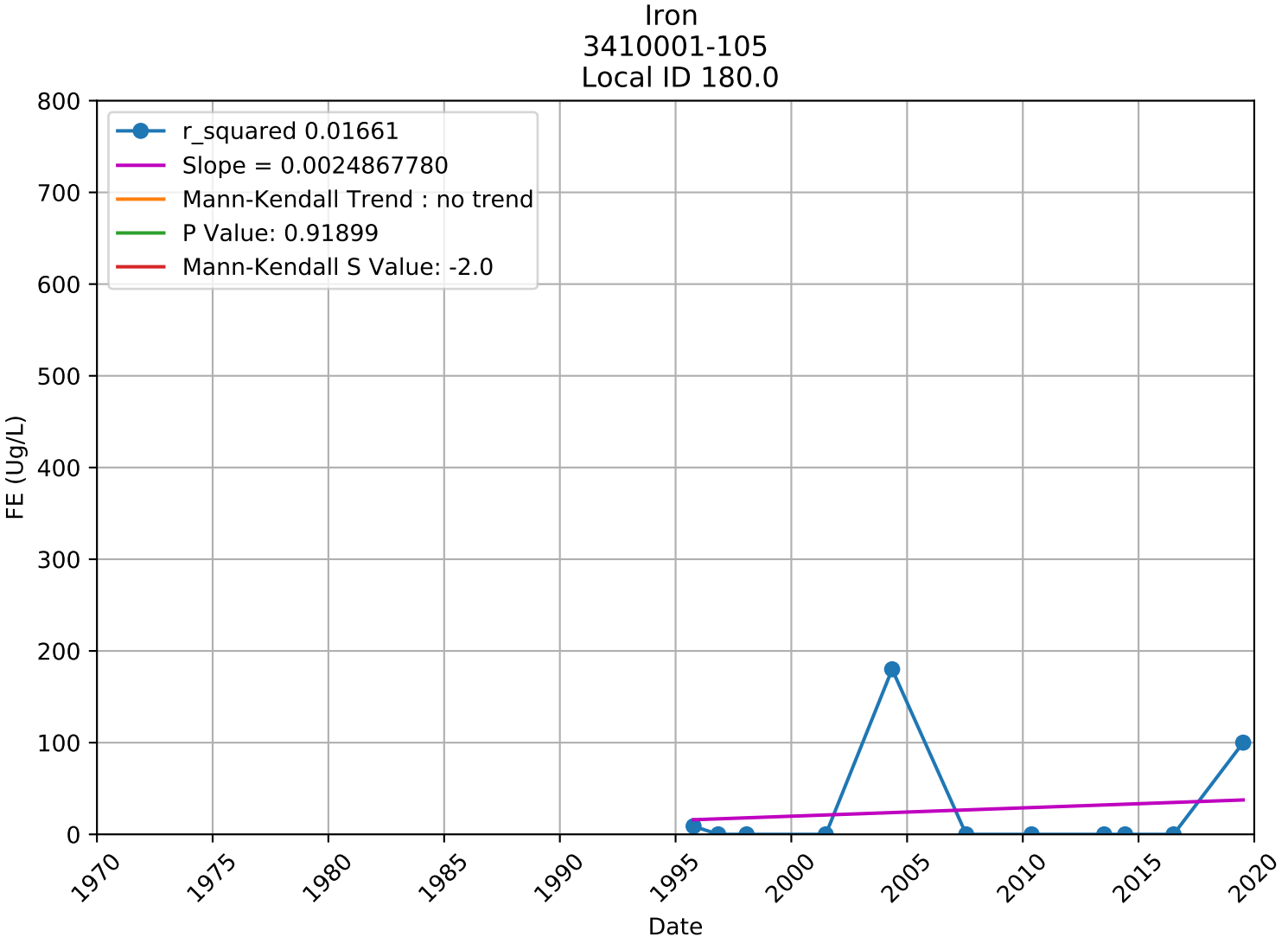

Iron
3410001-099
Local ID 295.0
r_squared 0.81614
Slope = -0.0052832498
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
FE (Ug/L)
Date
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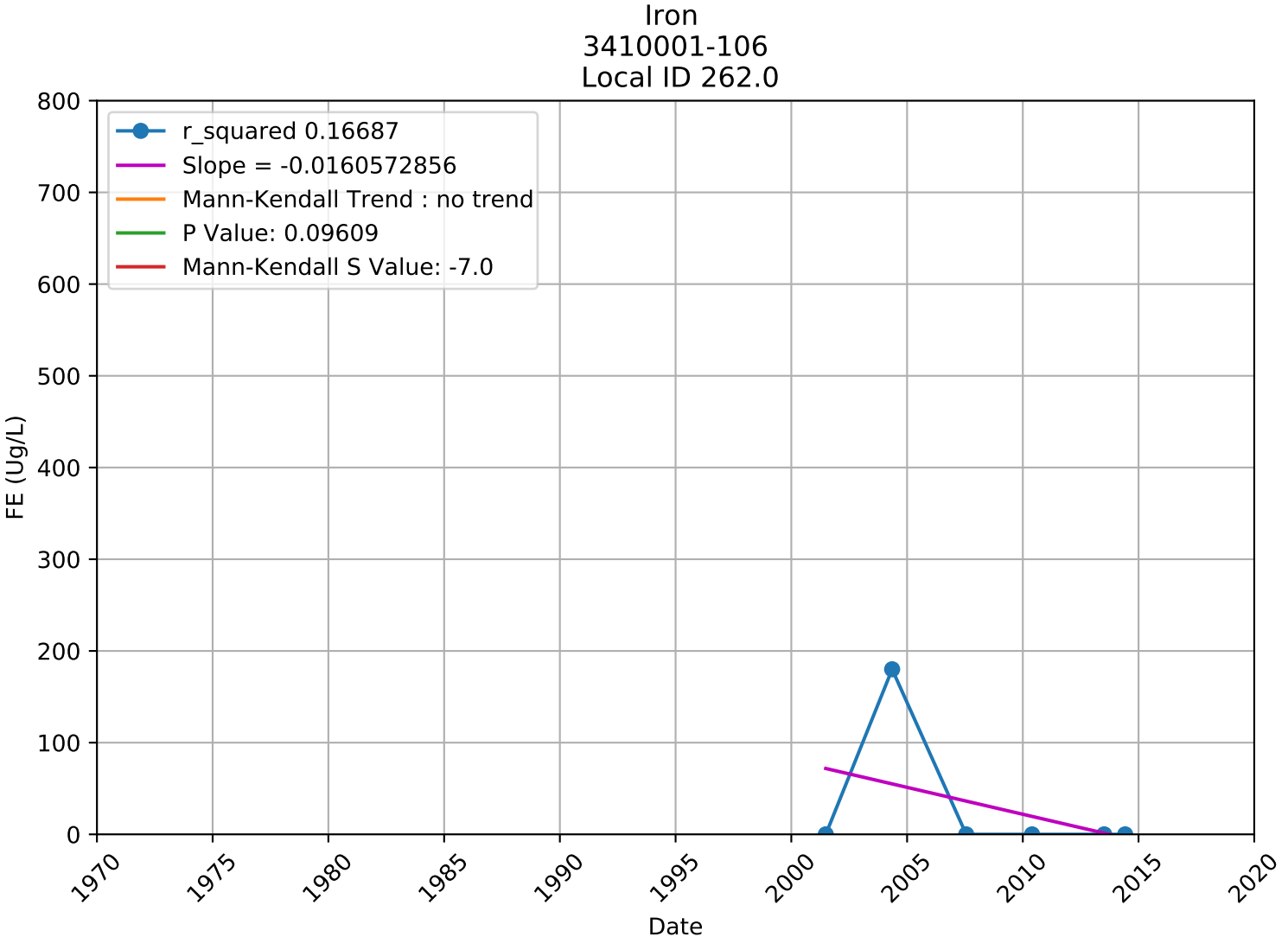

Iron
3410001-101
Local ID 46.0
r_squared 0.00784
Slope = -0.0053244936
Mann-Kendall Trend : no trend
P Value: 0.83337
Mann-Kendall S Value: -4.0
FE (Ug/L)
Date
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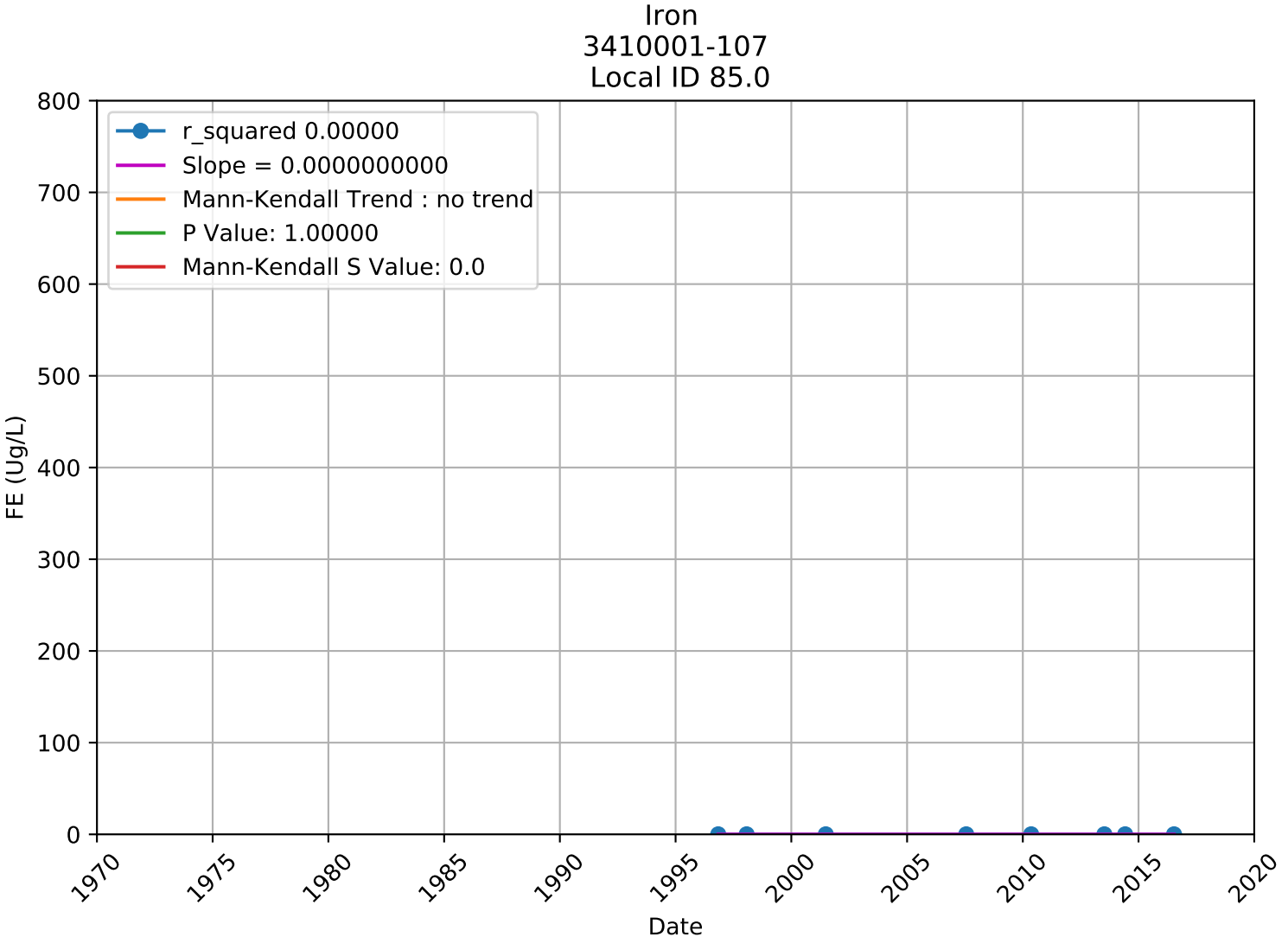

Iron
3410001-102
Local ID 231.0
r_squared 0.00032
Slope = -0.0006902496
Mann-Kendall Trend : no trend
P Value: 0.20669
Mann-Kendall S Value: -35.0
FE (Ug/L)
Date
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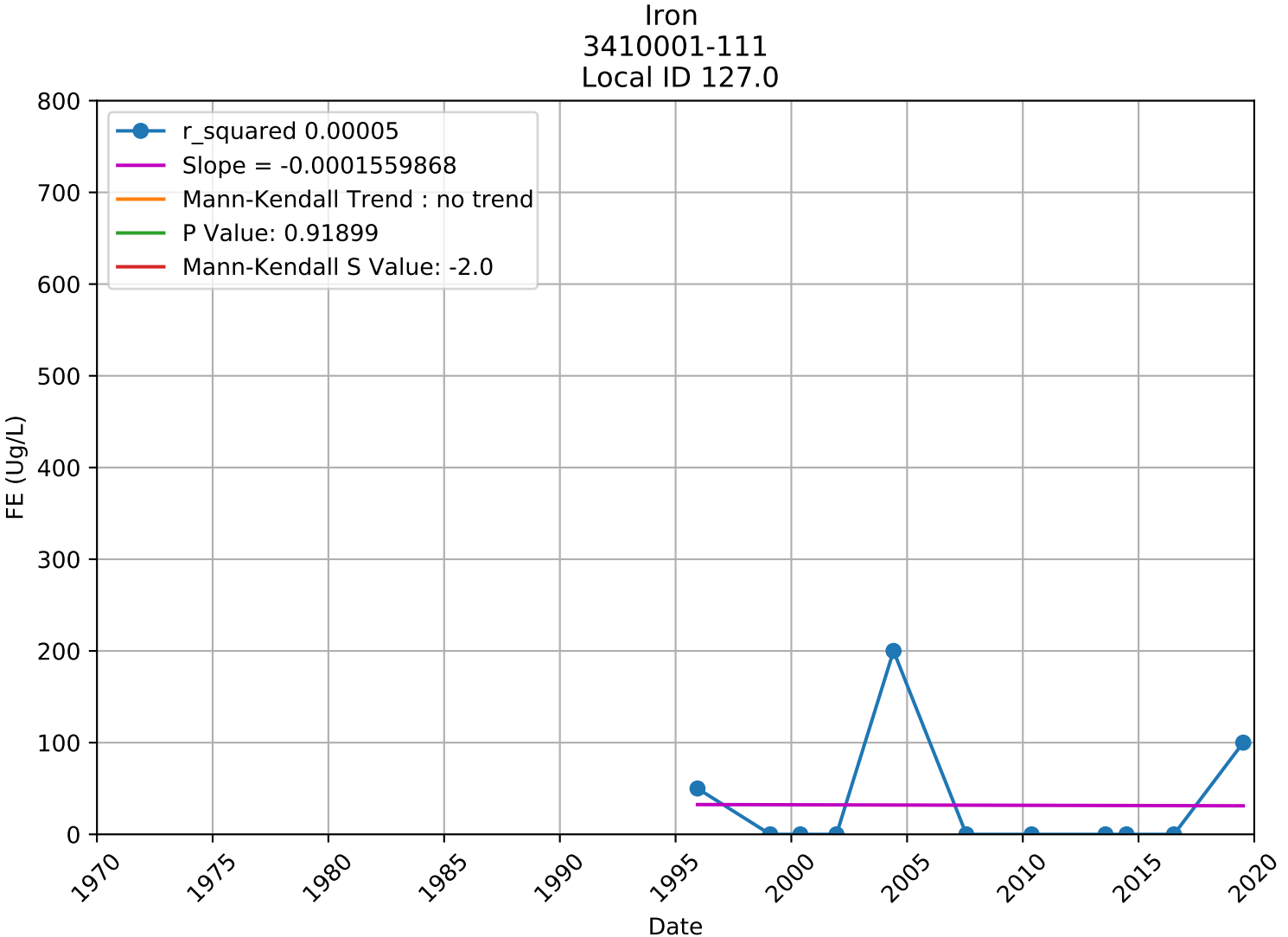

Iron
3410001-103
Local ID 101.0
r_squared 0.79632
Slope = -0.0035083467
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
FE (Ug/L)
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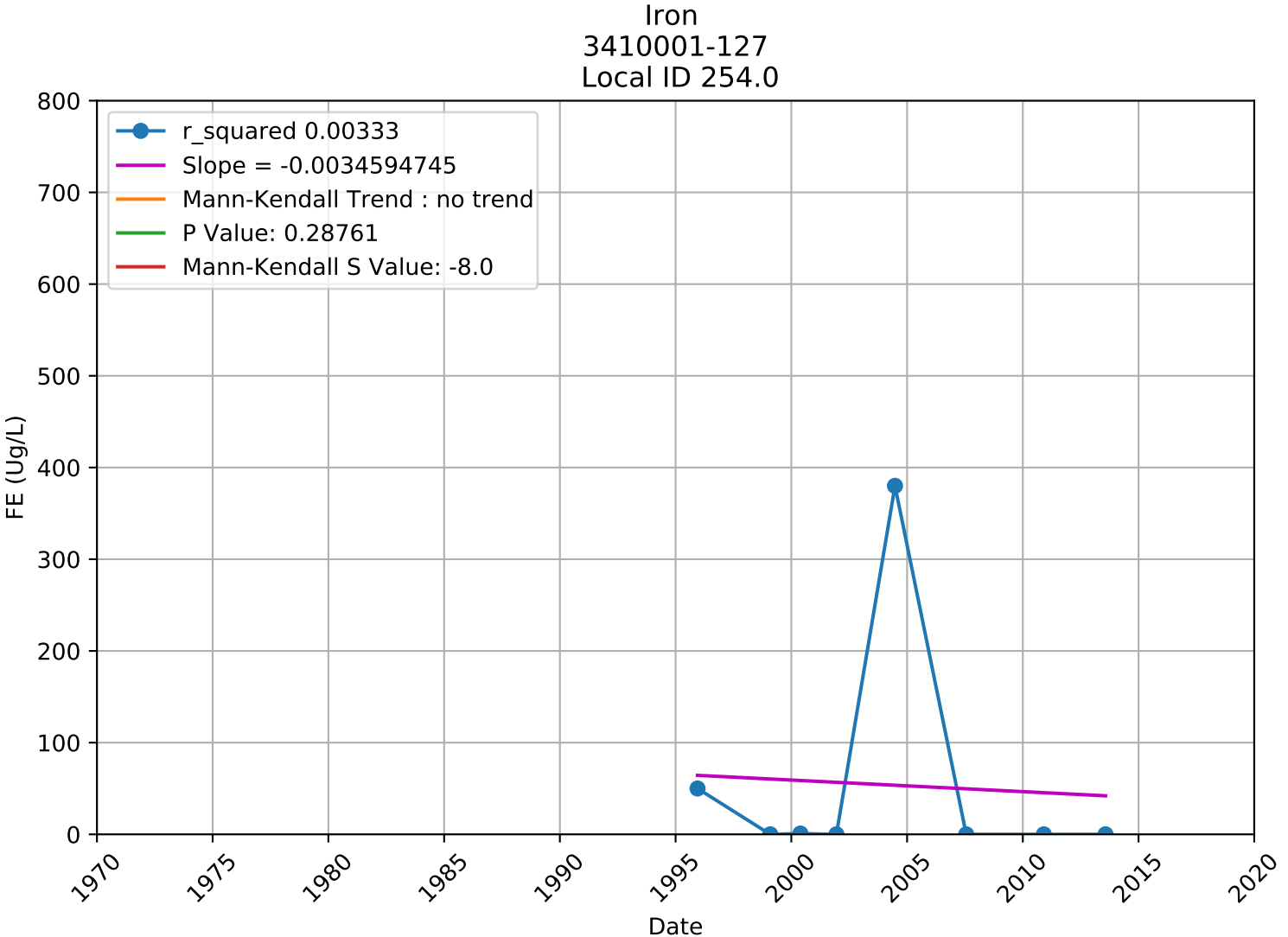

Iron
3410001-104
Local ID 163.0
r_squared 0.02331
Slope = -0.0022444299
Mann-Kendall Trend : no trend
P Value: 0.23663
Mann-Kendall S Value: -14.0
FE (Ug/L)
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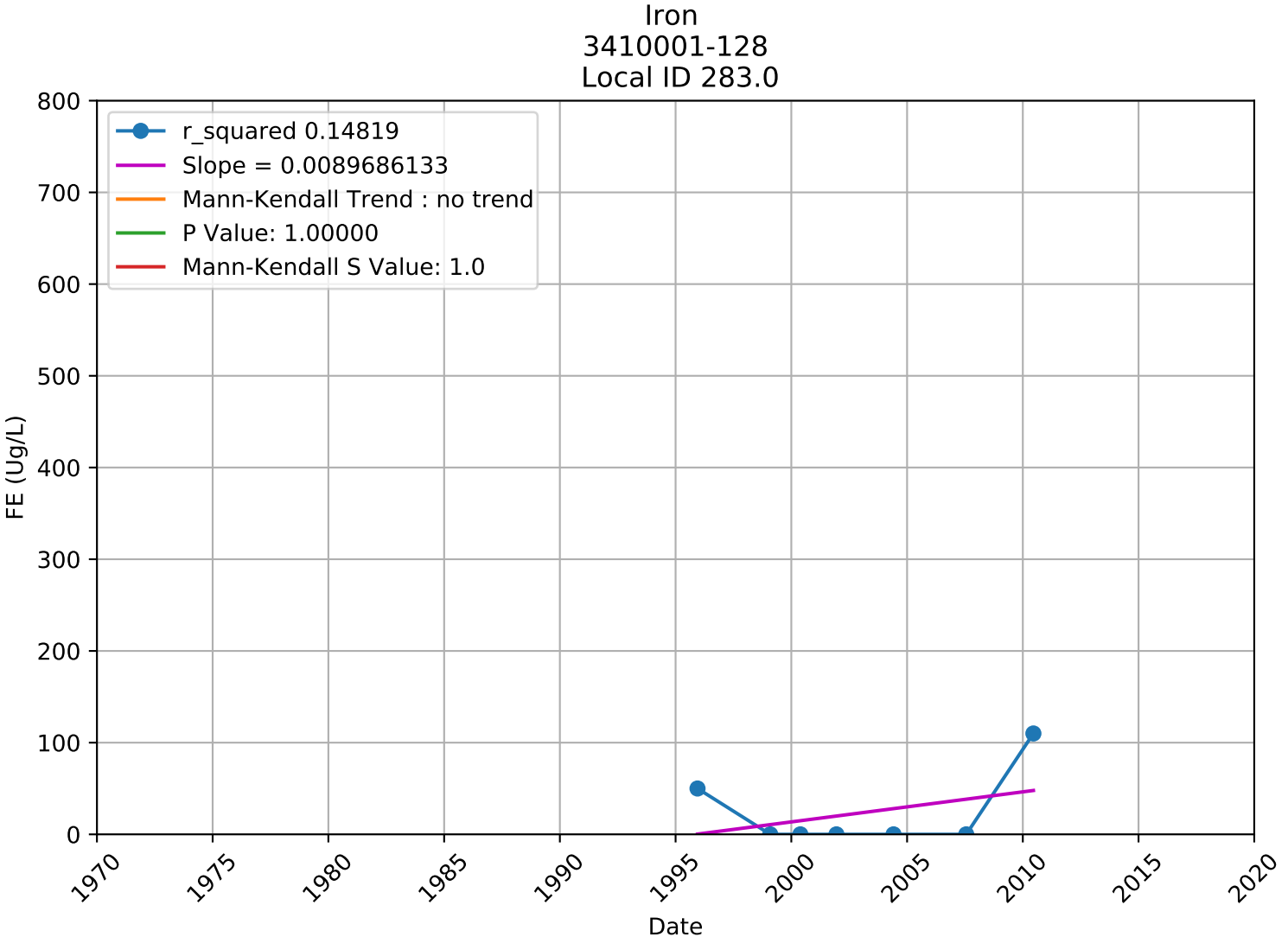

Iron
3410001-105
Local ID 180.0
r_squared 0.01661
Slope = 0.0024867780
Mann-Kendall Trend : no trend
P Value: 0.91899
Mann-Kendall S Value: -2.0
FE (Ug/L)
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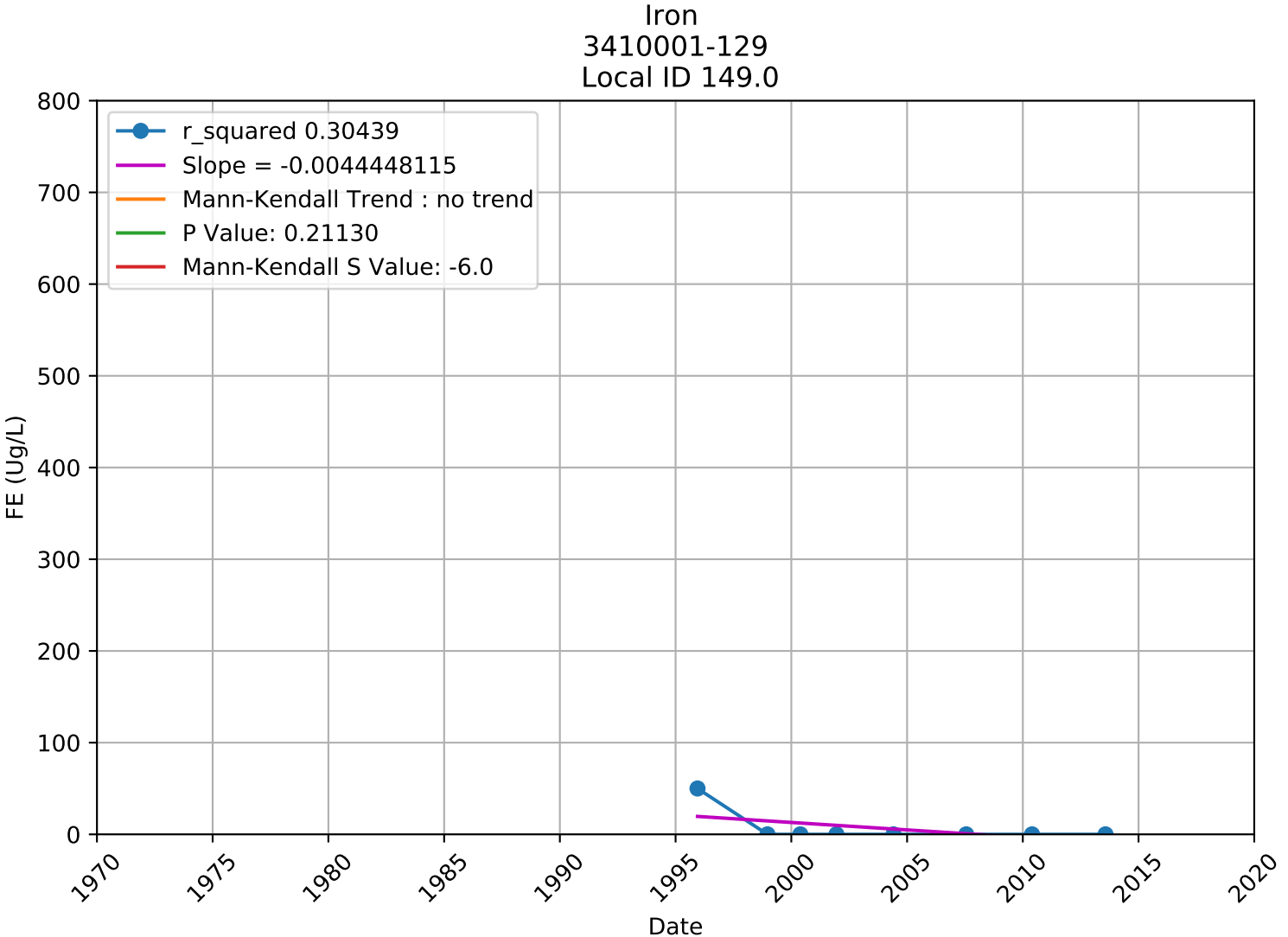

Iron
3410001-106
Local ID 262.0
r_squared 0.16687
Slope = -0.0160572856
Mann-Kendall Trend : no trend
P Value: 0.09609
Mann-Kendall S Value: -7.0
FE (Ug/L)
Date
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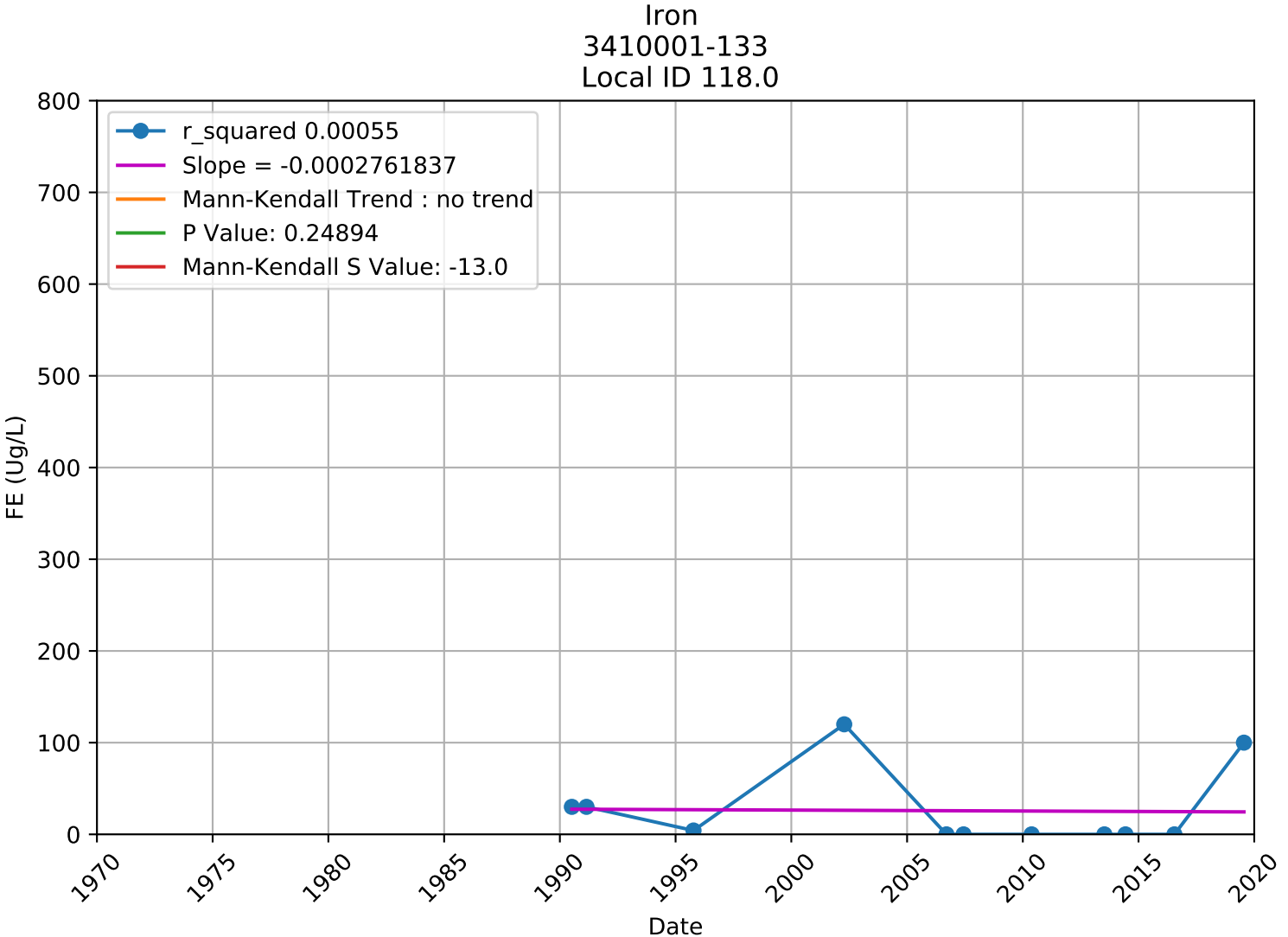

Iron
3410001-107
Local ID 85.0
r_squared 0.00000
Slope = 0.0000000000
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
FE (Ug/L)
Date
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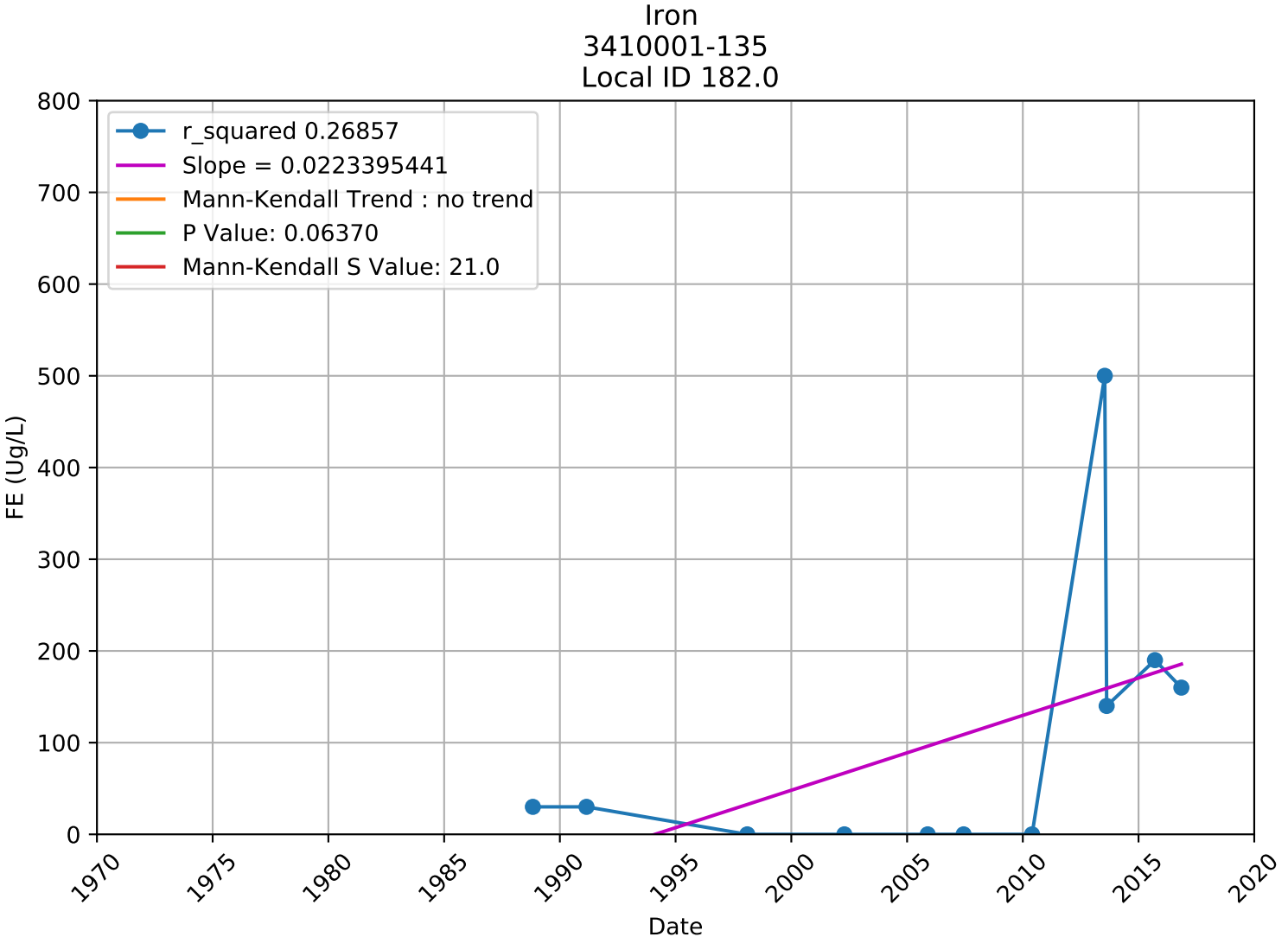

Iron
3410001-111
Local ID 127.0
r_squared 0.00005
Slope = -0.0001559868
Mann-Kendall Trend : no trend
P Value: 0.91899
Mann-Kendall S Value: -2.0
FE (Ug/L)
Date
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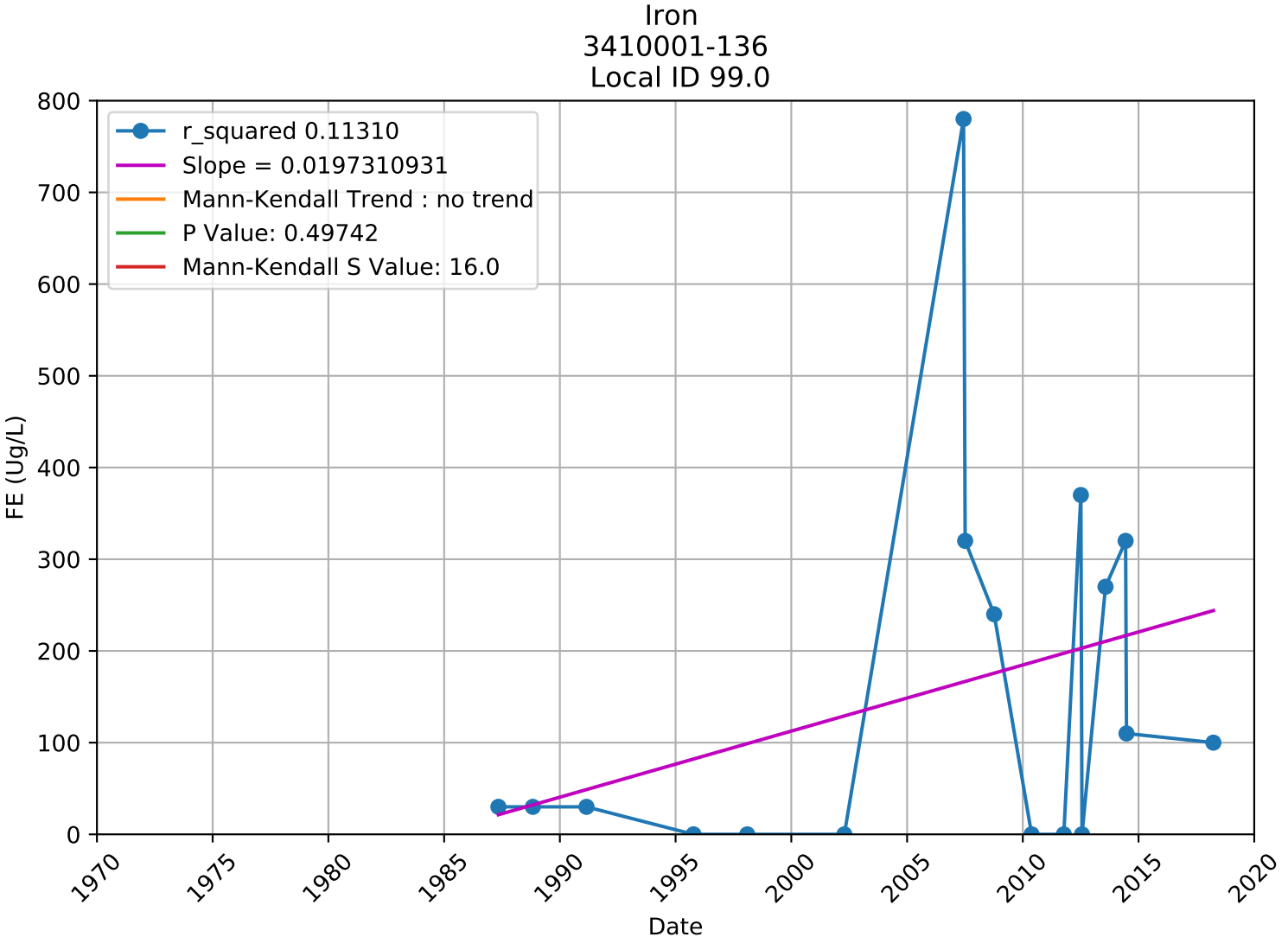

Iron
3410001-127
Local ID 254.0
r_squared 0.00333
Slope = -0.0034594745
Mann-Kendall Trend : no trend
P Value: 0.28761
Mann-Kendall S Value: -8.0
FE (Ug/L)
Date
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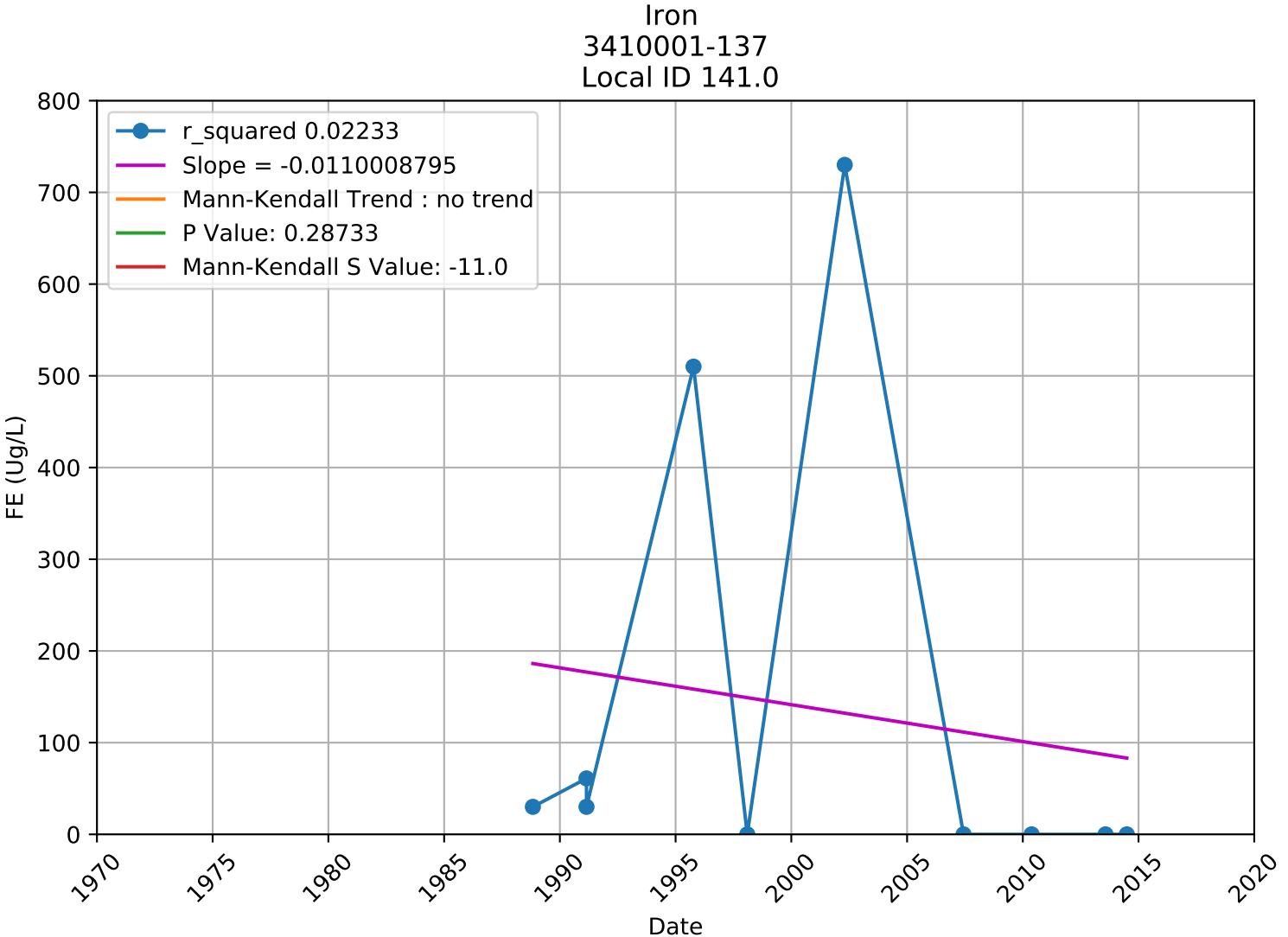

Iron
3410001-128
Local ID 283.0
r_squared 0.14819
Slope = 0.0089686133
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
FE (Ug/L)
Date
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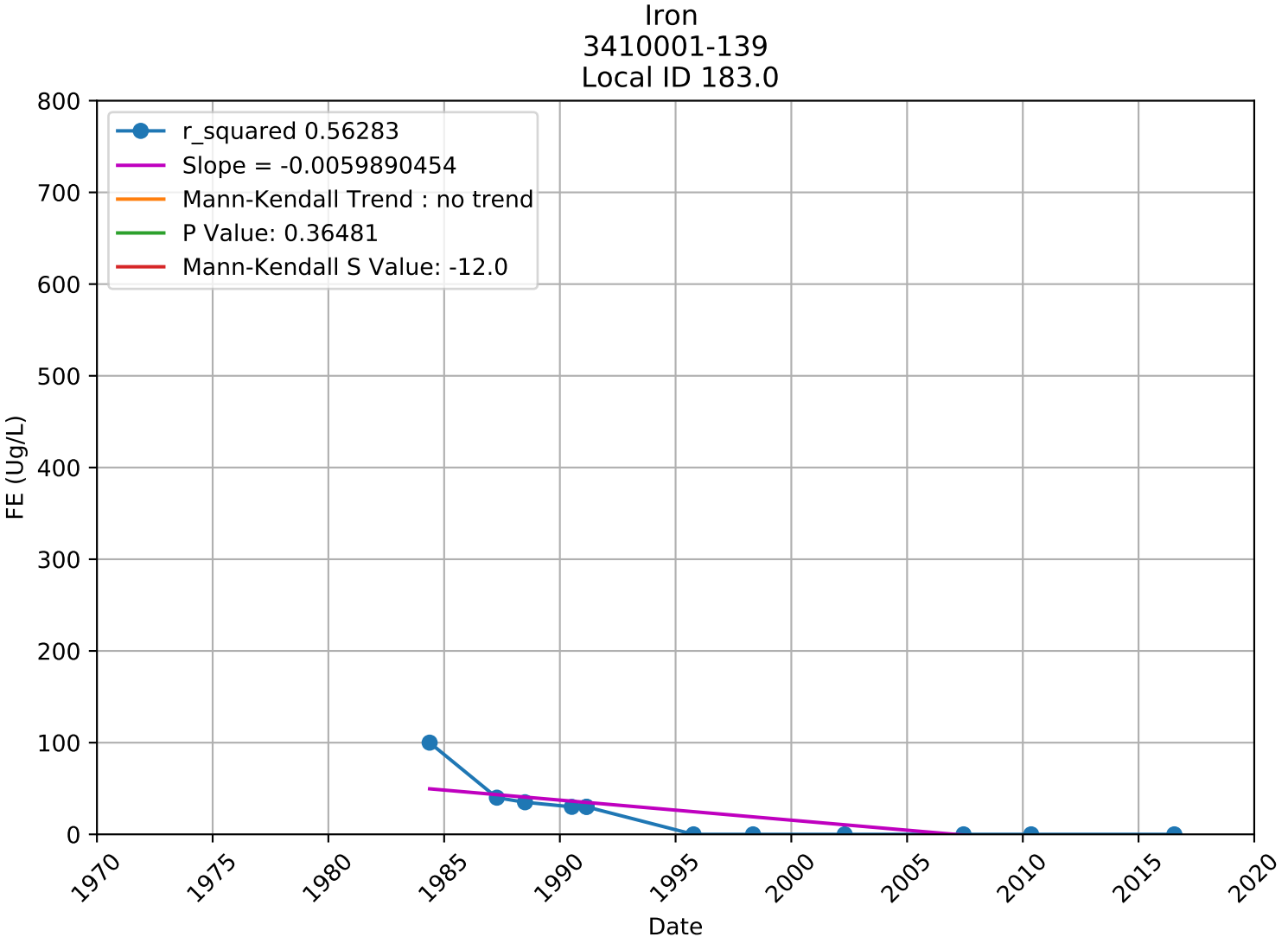

Iron
3410001-129
Local ID 149.0
r_squared 0.30439
Slope = -0.0044448115
Mann-Kendall Trend : no trend
P Value: 0.21130
Mann-Kendall S Value: -6.0
FE (Ug/L)
Date
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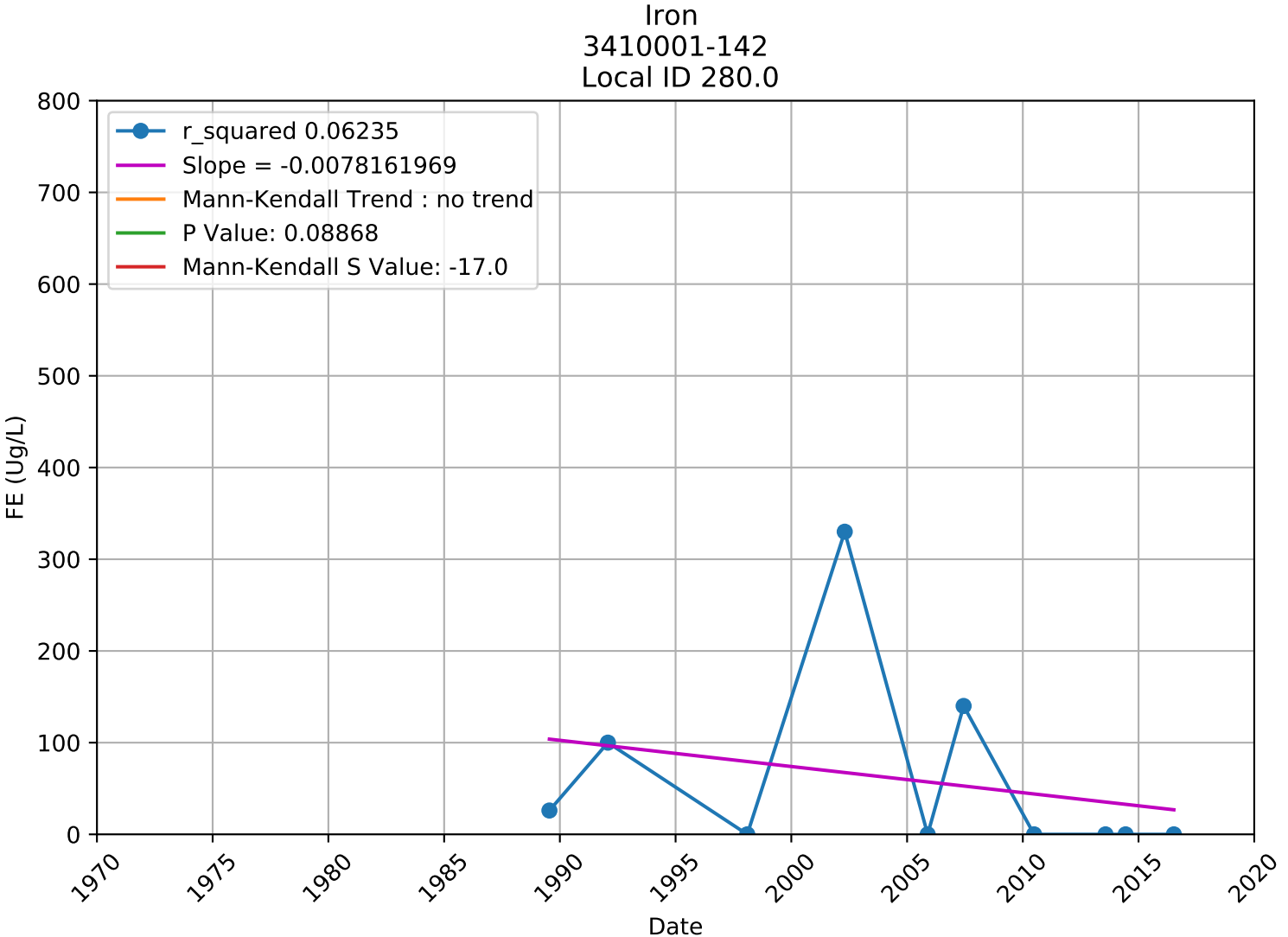

Iron
3410001-133
Local ID 118.0
r_squared 0.00055
Slope = -0.0002761837
Mann-Kendall Trend : no trend
P Value: 0.24894
Mann-Kendall S Value: -13.0
FE (Ug/L)
Date
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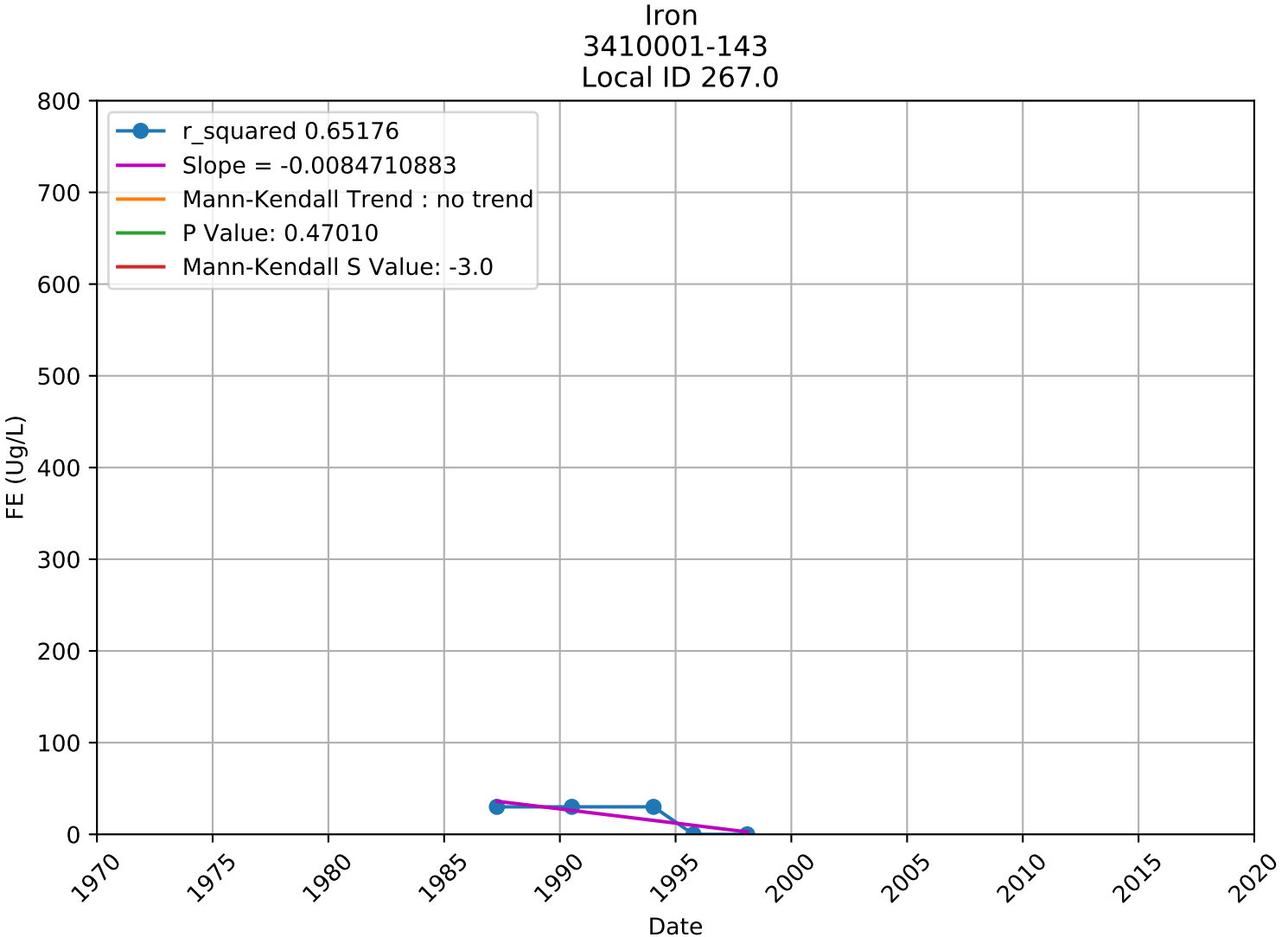

Iron
3410001-135
Local ID 182.0
r_squared 0.26857
Slope = 0.0223395441
Mann-Kendall Trend : no trend
P Value: 0.06370
Mann-Kendall S Value: 21.0
FE (Ug/L)
Date
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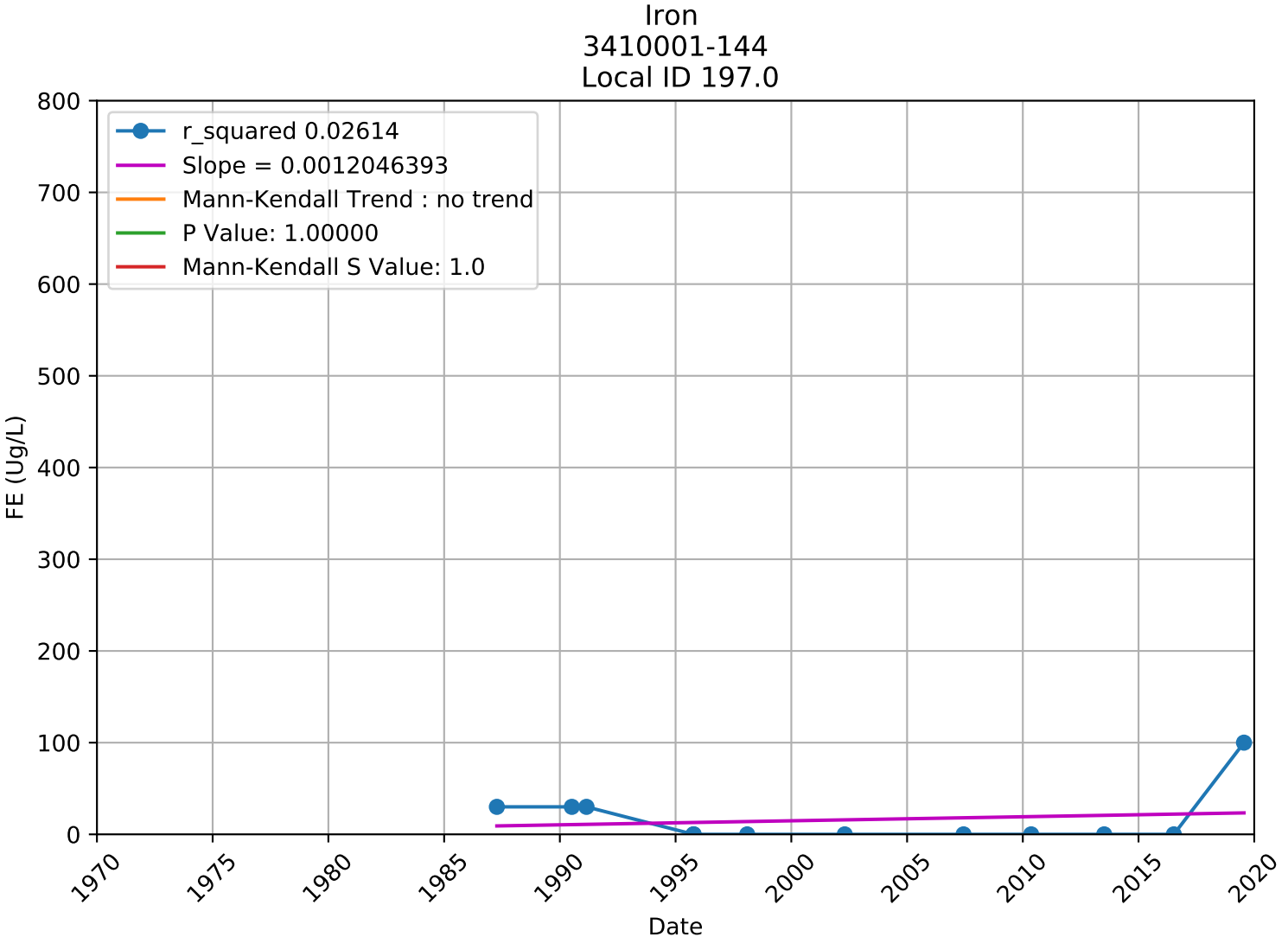

Iron
3410001-136
Local ID 99.0
r_squared 0.11310
Slope = 0.0197310931
Mann-Kendall Trend : no trend
P Value: 0.49742
Mann-Kendall S Value: 16.0
FE (Ug/L)
Date
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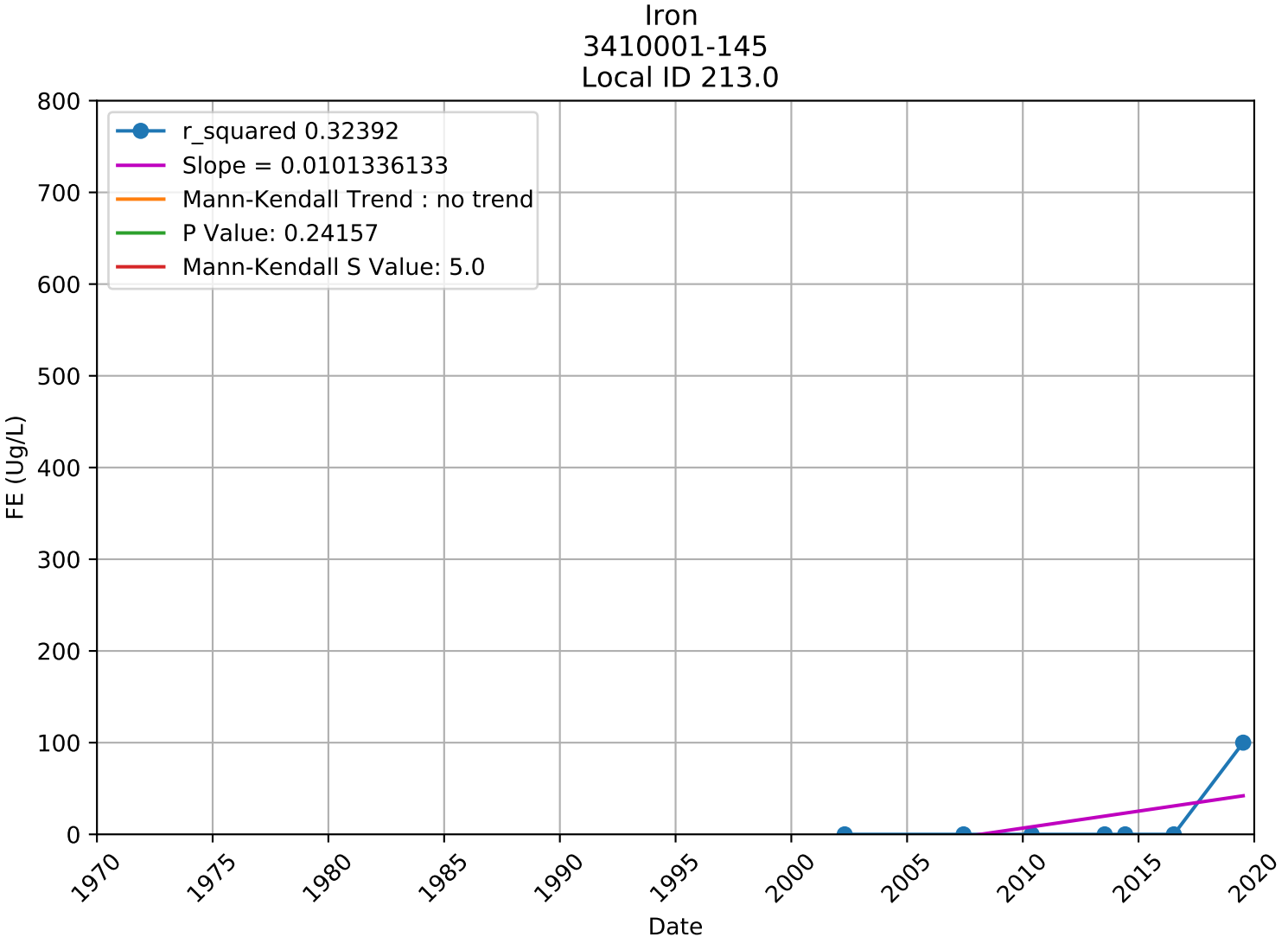

Iron
3410001-137
Local ID 141.0
r_squared 0.02233
Slope = -0.0110008795
Mann-Kendall Trend : no trend
P Value: 0.28733
Mann-Kendall S Value: -11.0
FE (Ug/L)
Date
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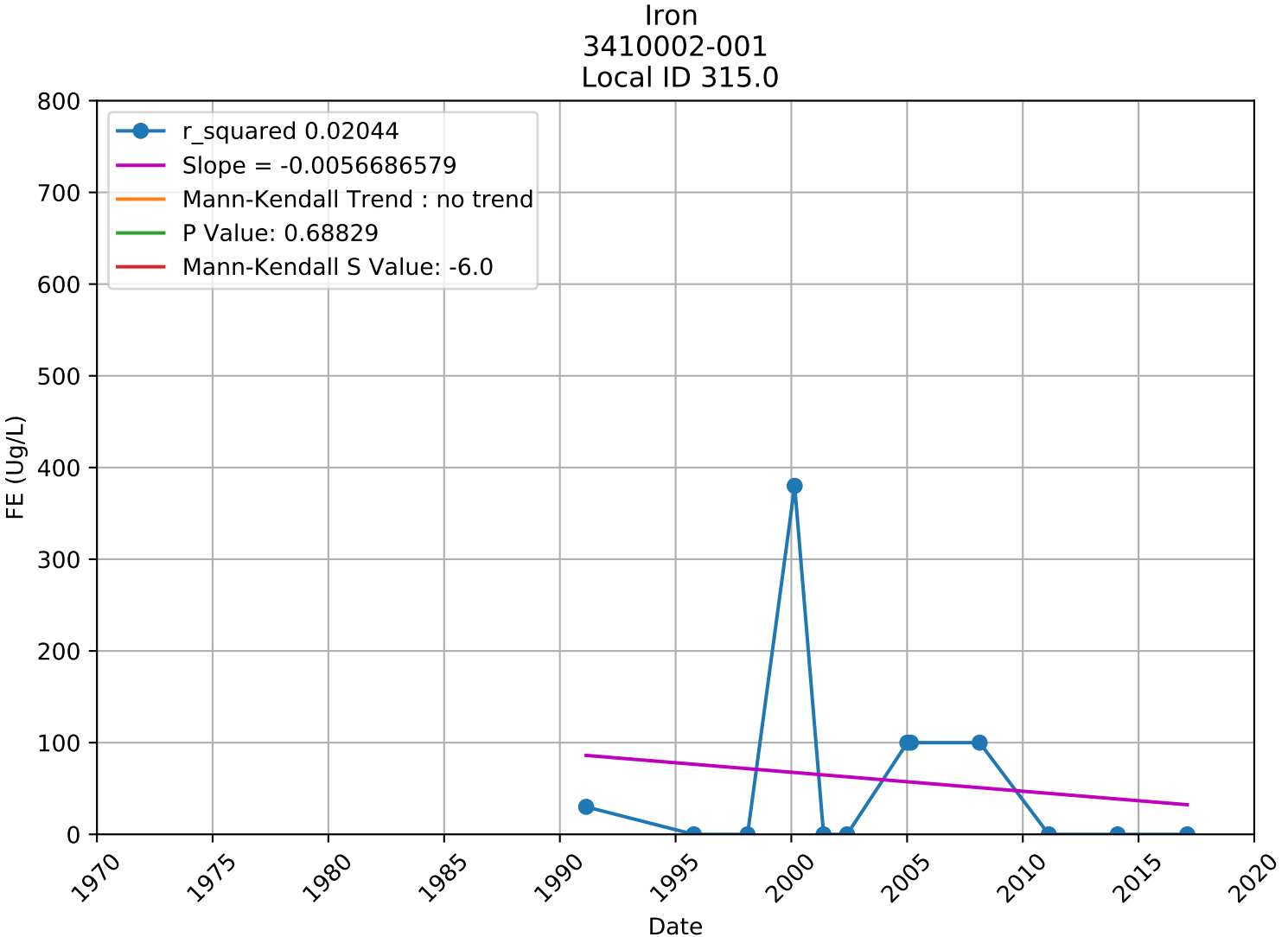

Iron
3410001-139
Local ID 183.0
r_squared 0.56283
Slope = -0.0059890454
Mann-Kendall Trend : no trend
P Value: 0.36481
Mann-Kendall S Value: -12.0
FE (Ug/L)
Date
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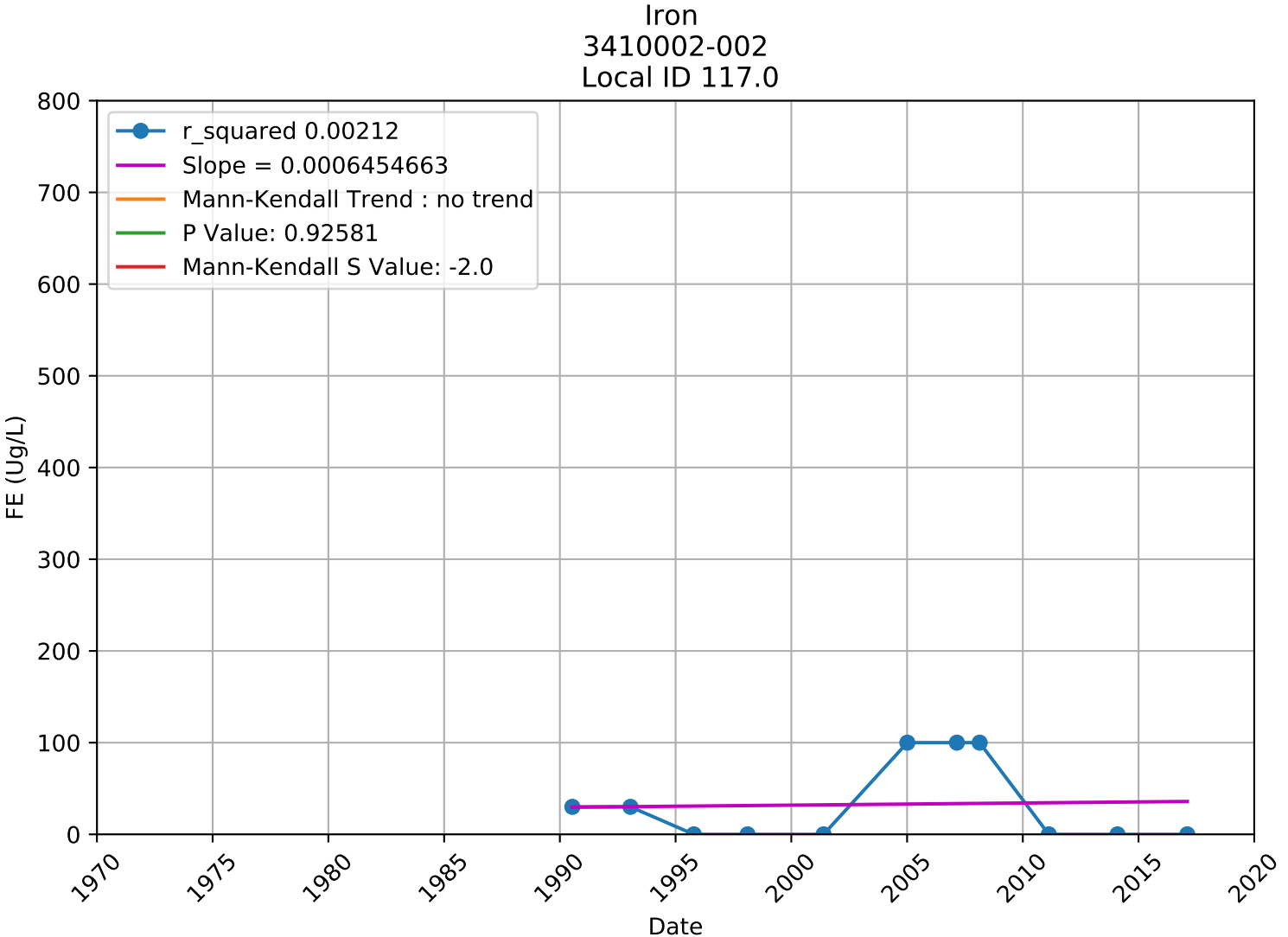

Iron
3410001-142
Local ID 280.0
r_squared 0.06235
Slope = -0.0078161969
Mann-Kendall Trend : no trend
P Value: 0.08868
Mann-Kendall S Value: -17.0
FE (Ug/L)
Date
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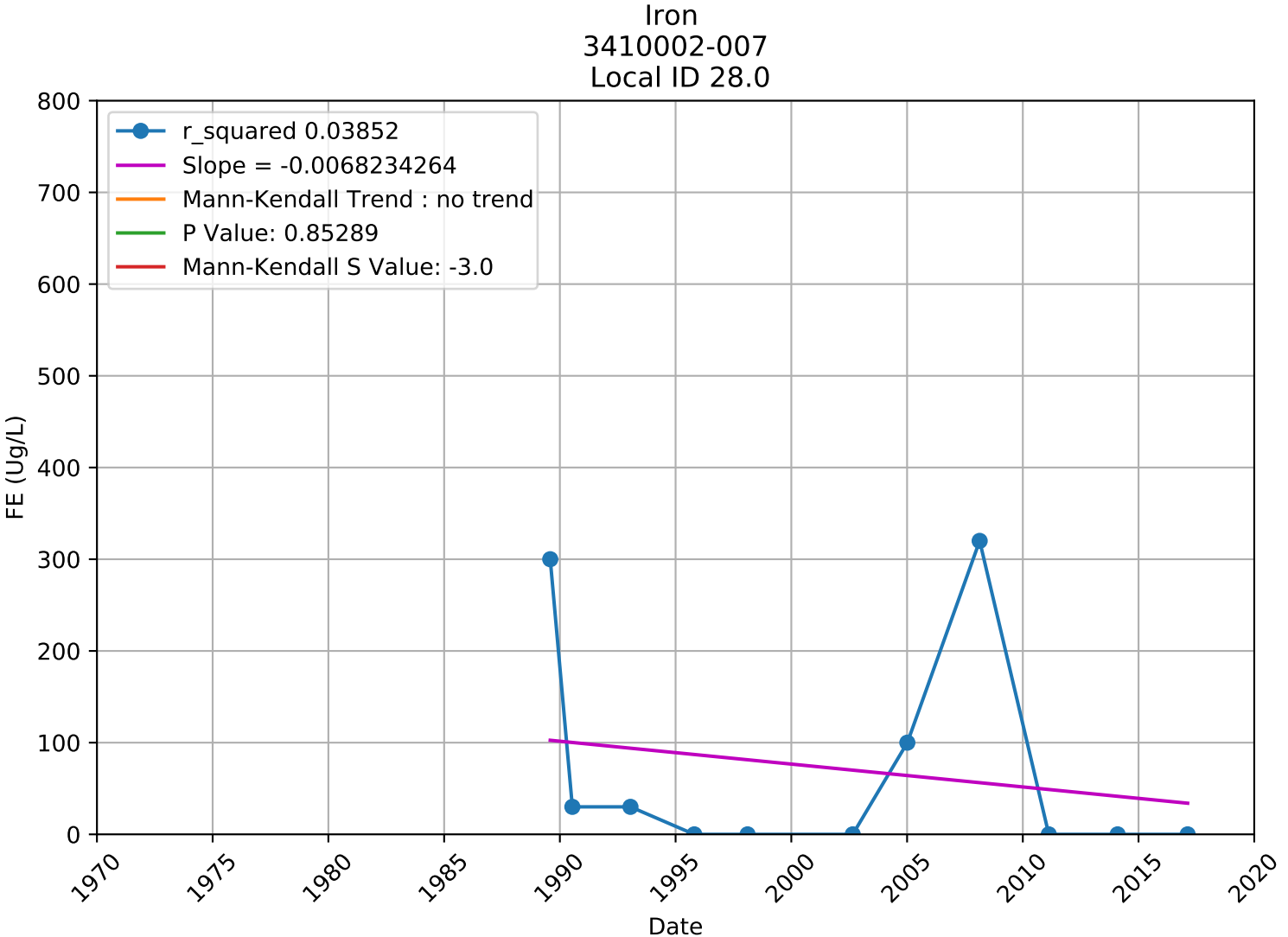

Iron
3410001-143
Local ID 267.0
r_squared 0.65176
Slope = -0.0084710883
Mann-Kendall Trend : no trend
P Value: 0.47010
Mann-Kendall S Value: -3.0
FE (Ug/L)
Date
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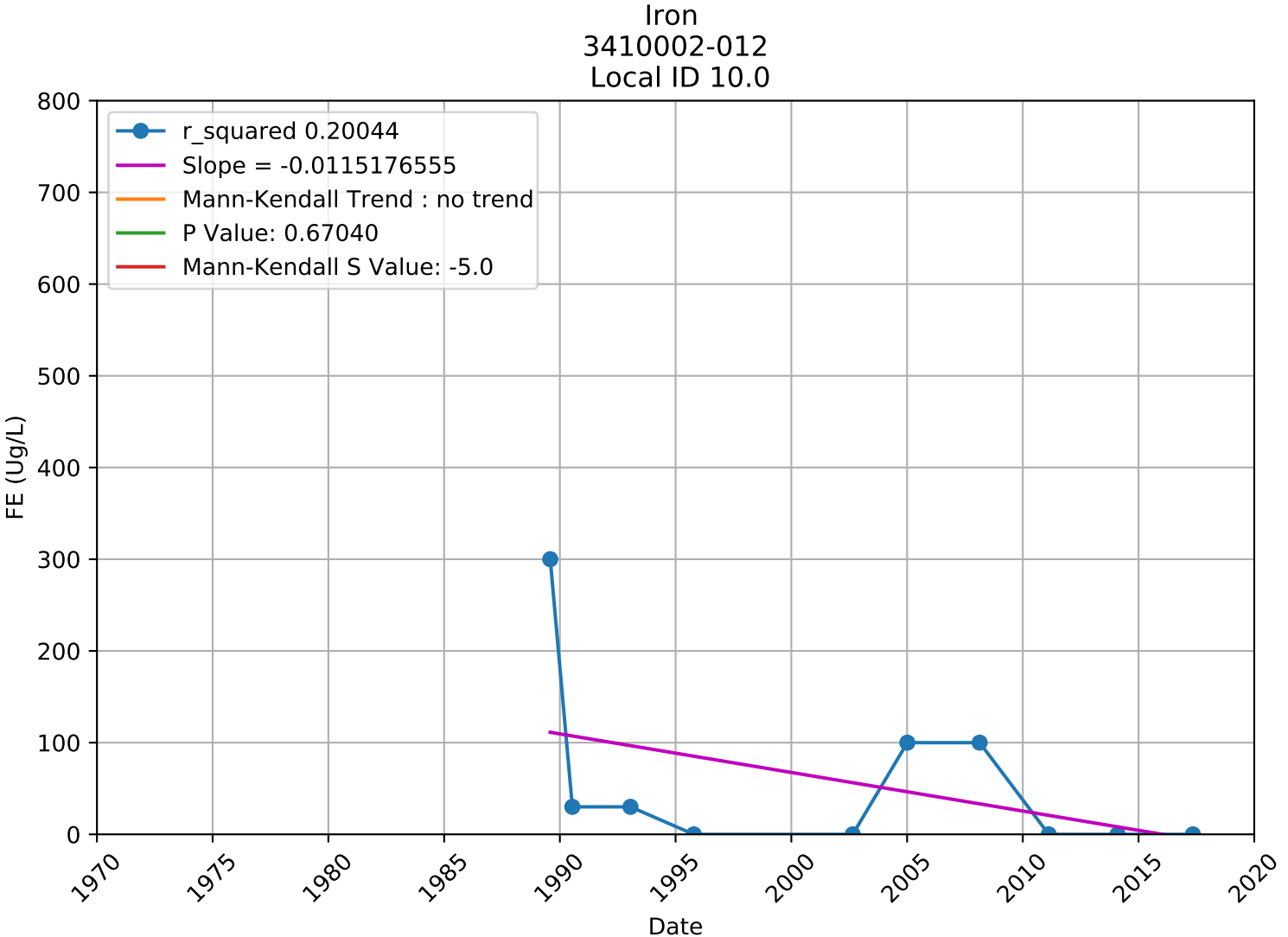

Iron
3410001-144
Local ID 197.0
r_squared 0.02614
Slope = 0.0012046393
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
FE (Ug/L)
Date
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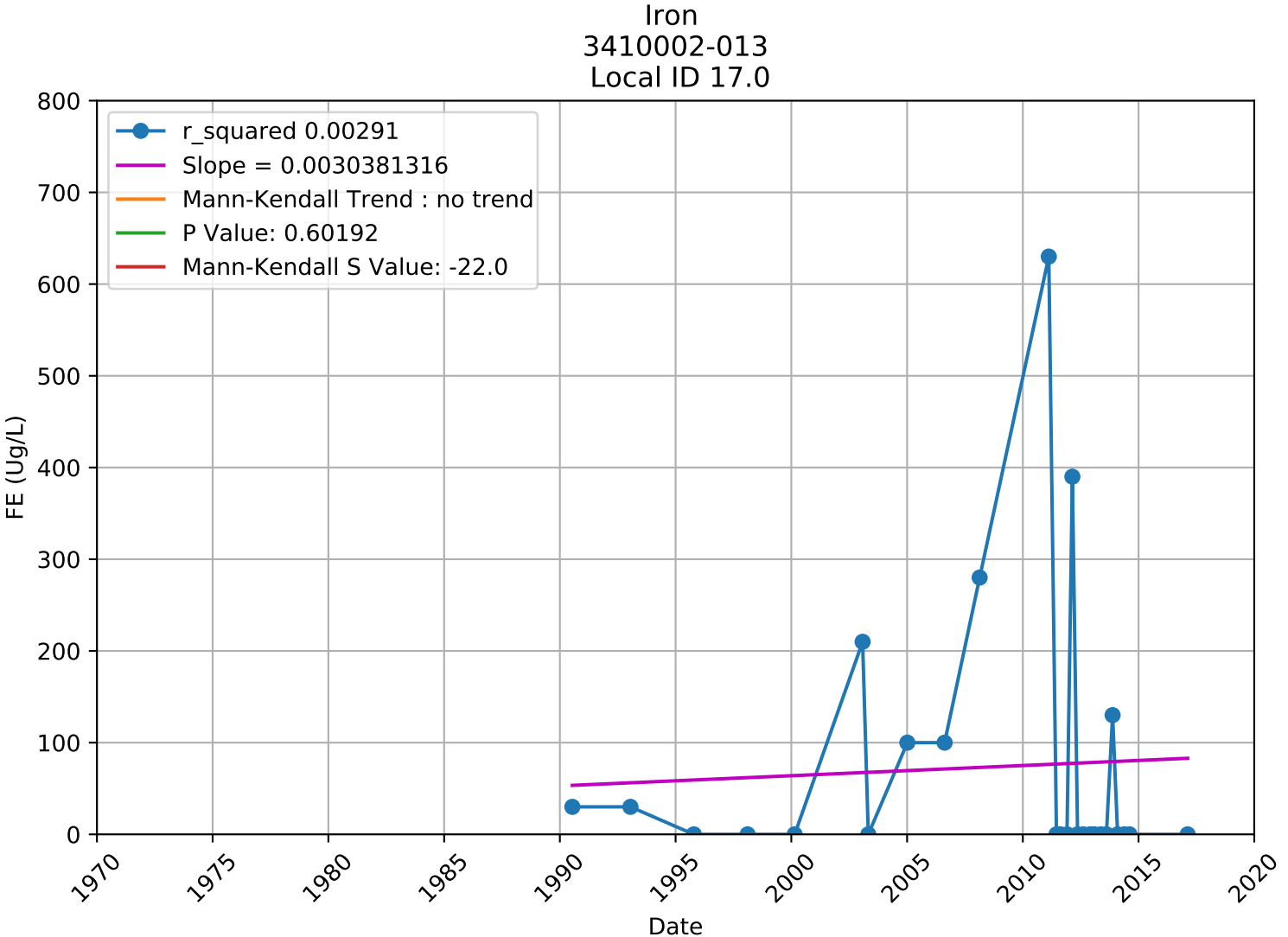

Iron
3410001-145
Local ID 213.0
r_squared 0.32392
Slope = 0.0101336133
Mann-Kendall Trend : no trend
P Value: 0.24157
Mann-Kendall S Value: 5.0
FE (Ug/L)
Date
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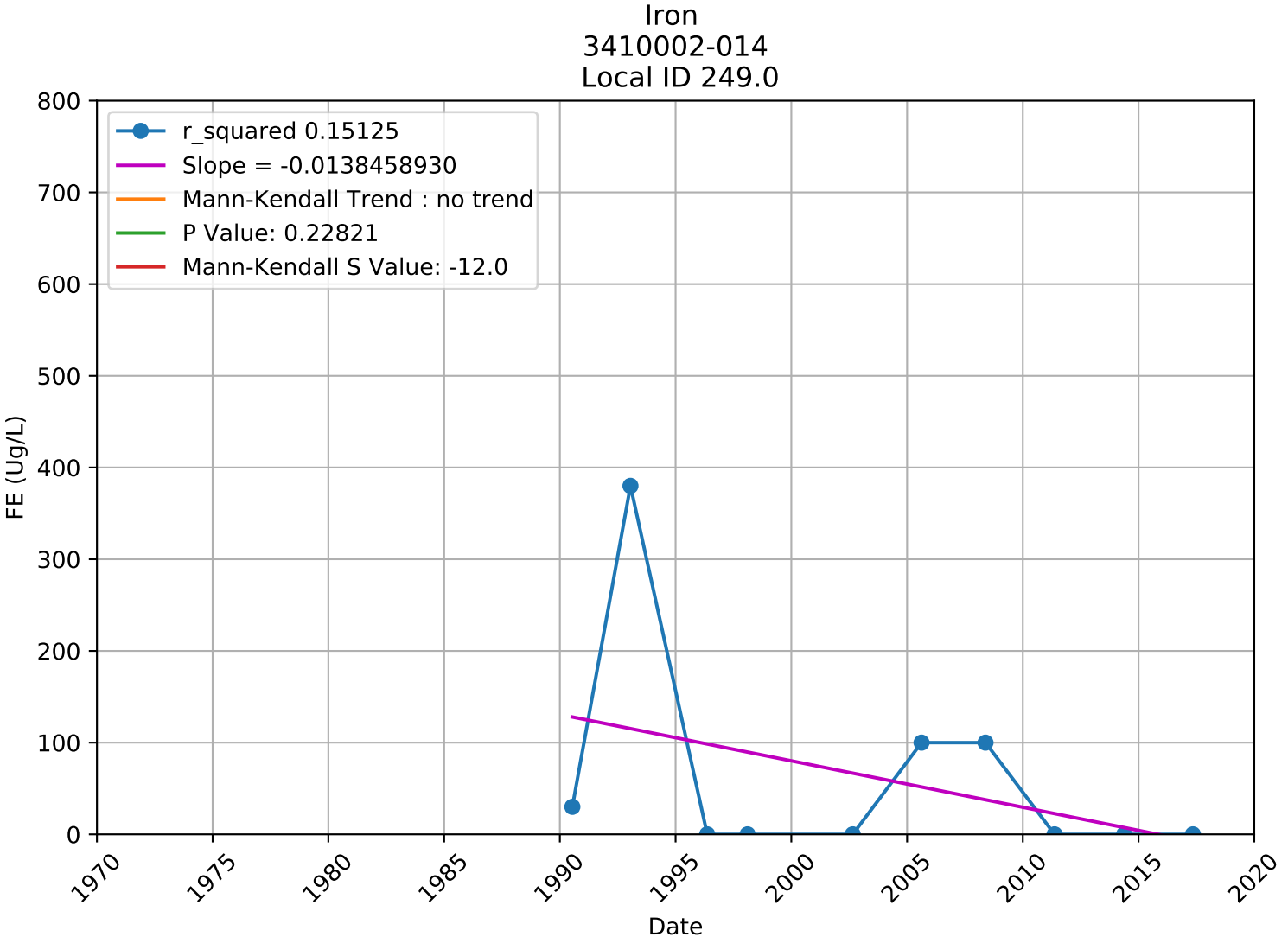

Iron
3410002-001
Local ID 315.0
r_squared 0.02044
Slope = -0.0056686579
Mann-Kendall Trend : no trend
P Value: 0.68829
Mann-Kendall S Value: -6.0
FE (Ug/L)
Date
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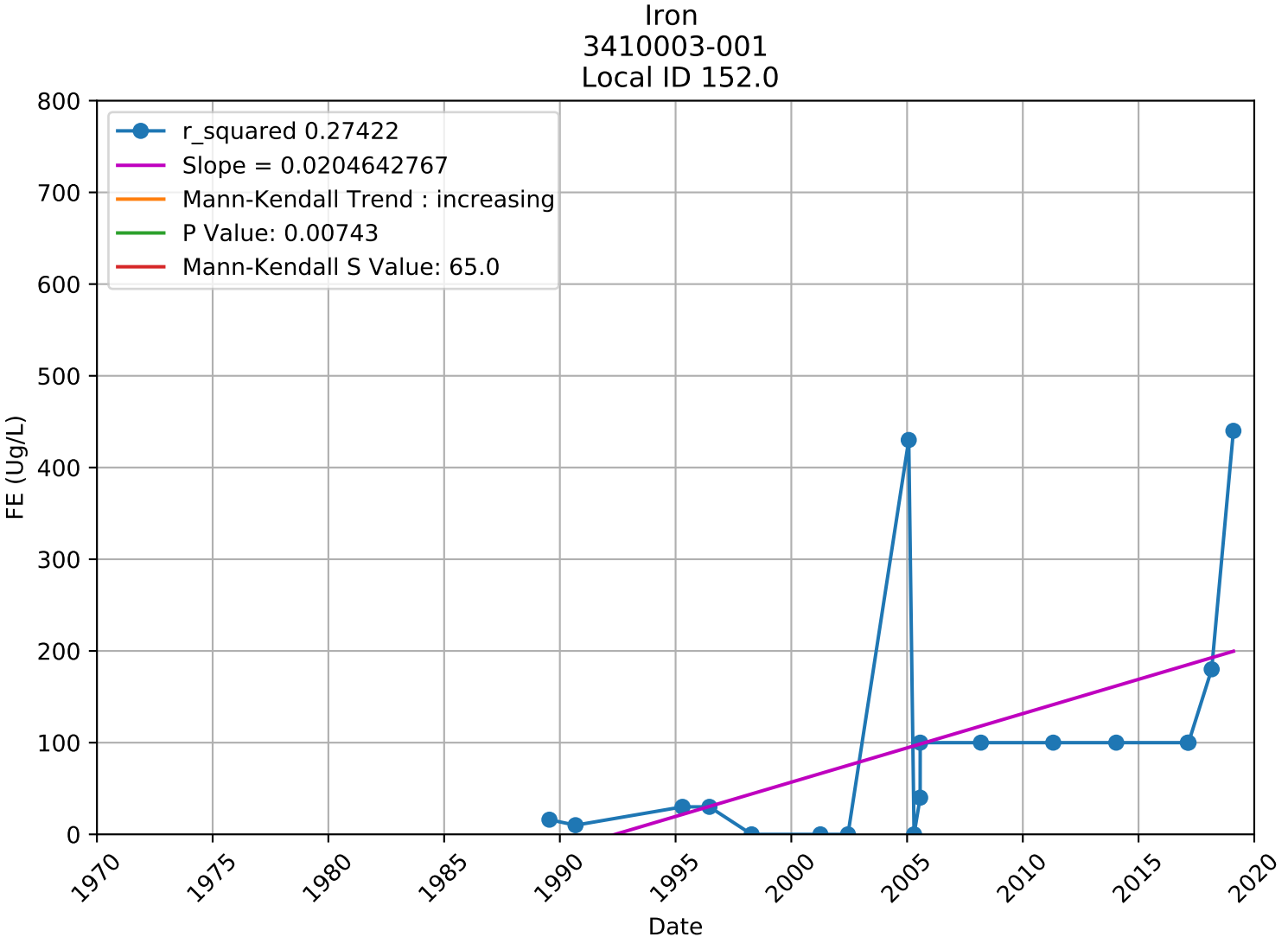

Iron
3410002-002
Local ID 117.0
r_squared 0.00212
Slope = 0.0006454663
Mann-Kendall Trend : no trend
P Value: 0.92581
Mann-Kendall S Value: -2.0
FE (Ug/L)
Date
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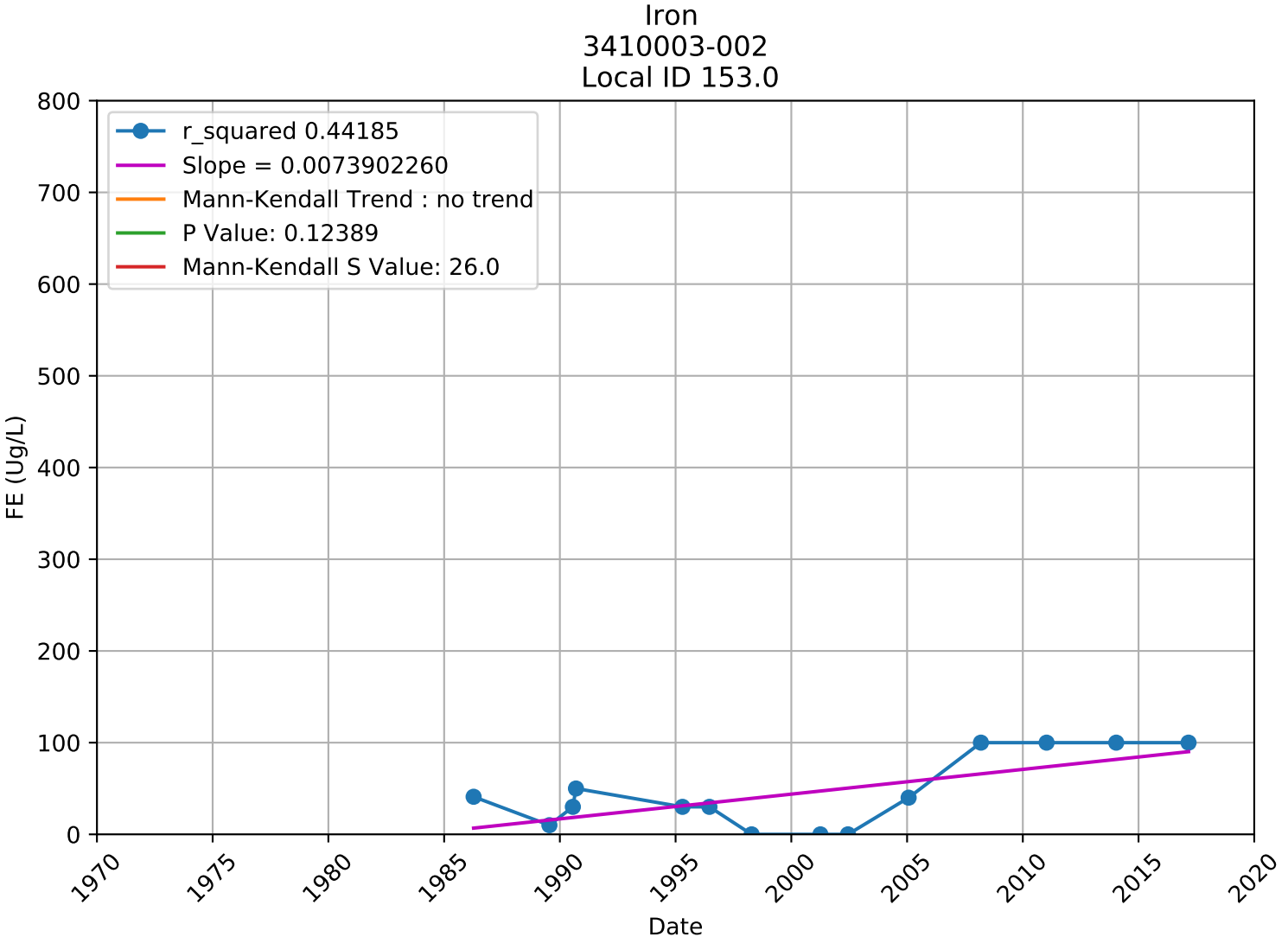

Iron
3410002-007
Local ID 28.0
r_squared 0.03852
Slope = -0.0068234264
Mann-Kendall Trend : no trend
P Value: 0.85289
Mann-Kendall S Value: -3.0
FE (Ug/L)
Date
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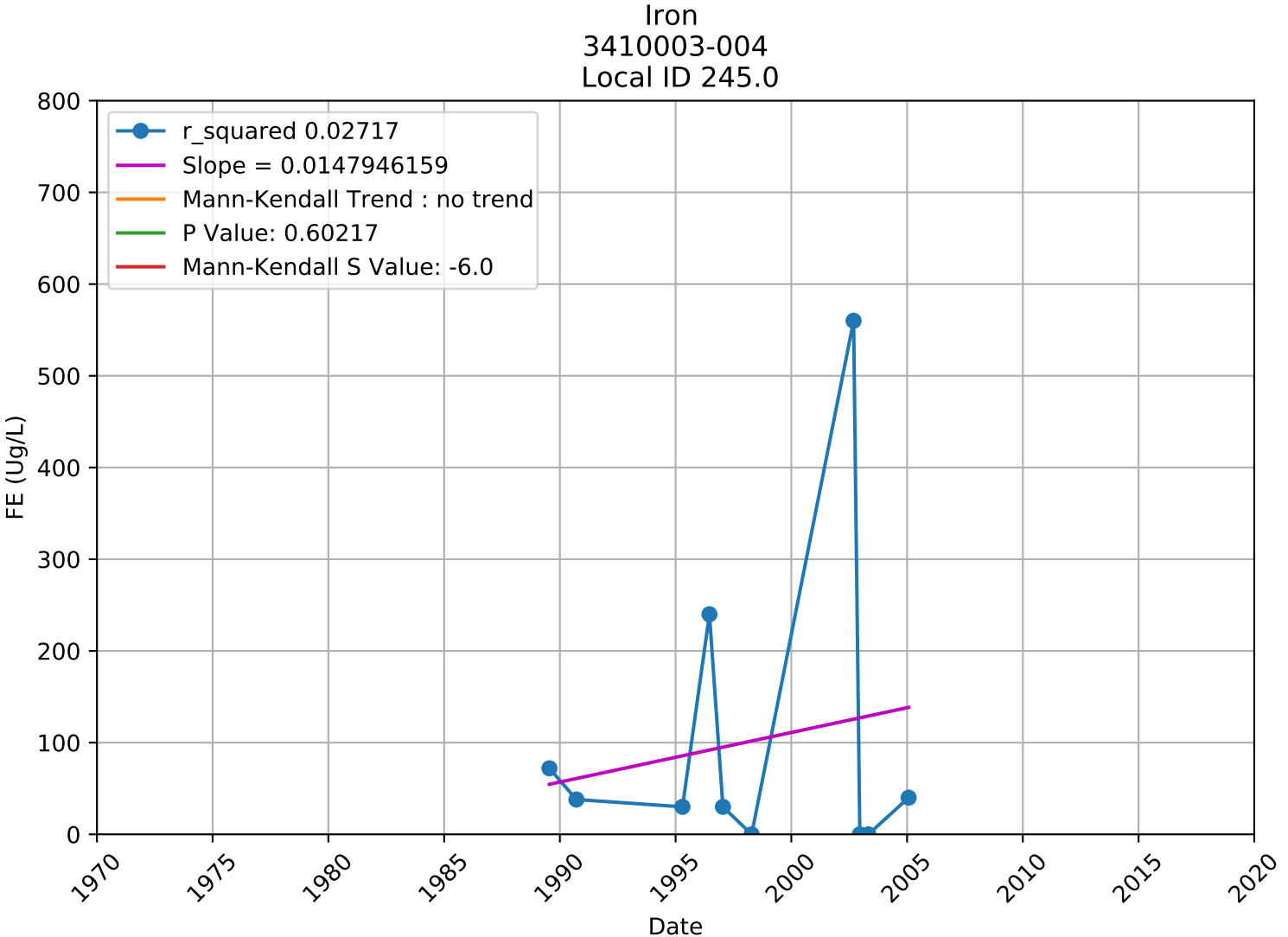

Iron
3410002-012
Local ID 10.0
r_squared 0.20044
Slope = -0.0115176555
Mann-Kendall Trend : no trend
P Value: 0.67040
Mann-Kendall S Value: -5.0
FE (Ug/L)
Date
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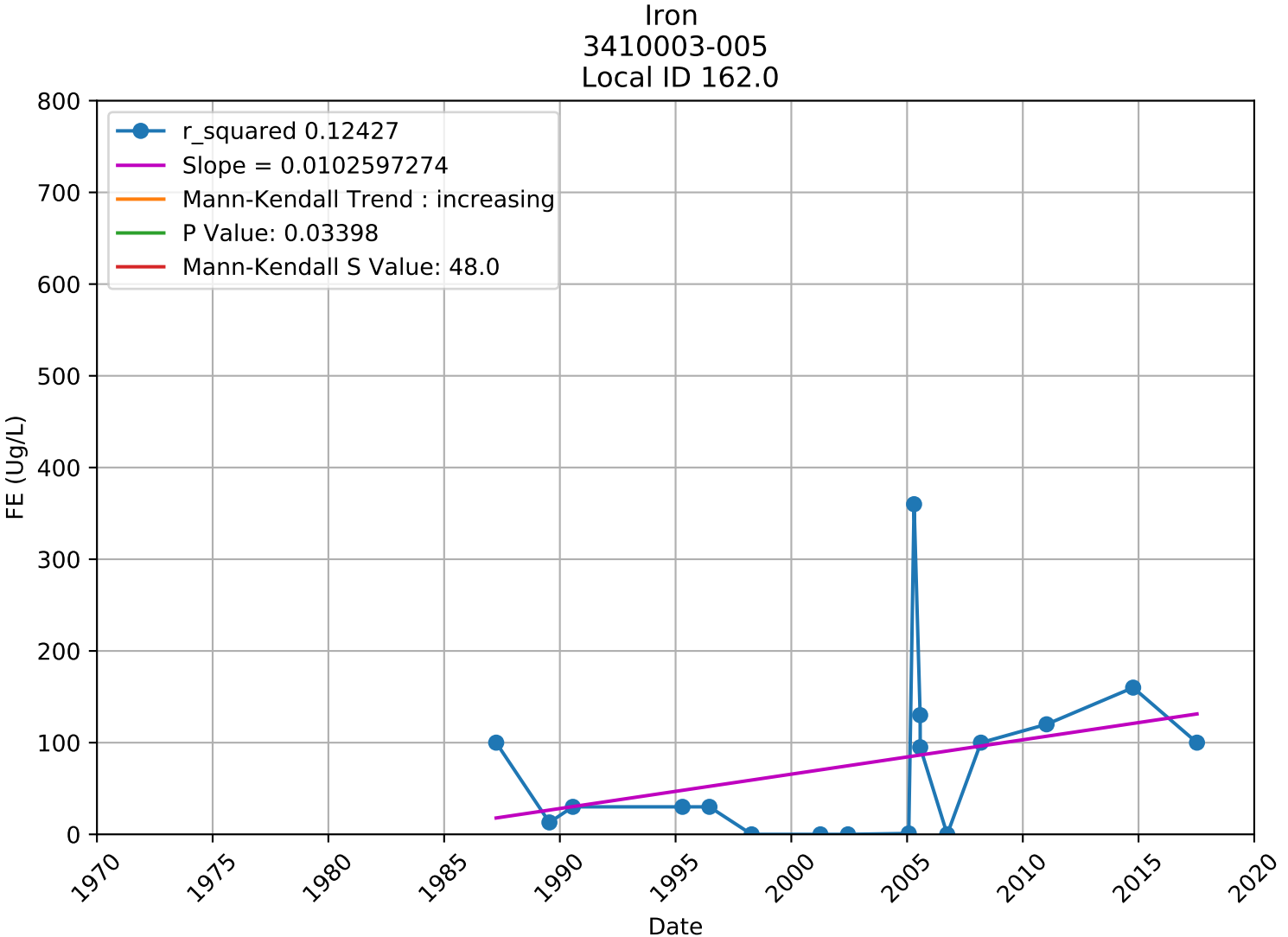

Iron
3410002-013
Local ID 17.0
r_squared 0.00291
Slope = 0.0030381316
Mann-Kendall Trend : no trend
P Value: 0.60192
Mann-Kendall S Value: -22.0
FE (Ug/L)
Date
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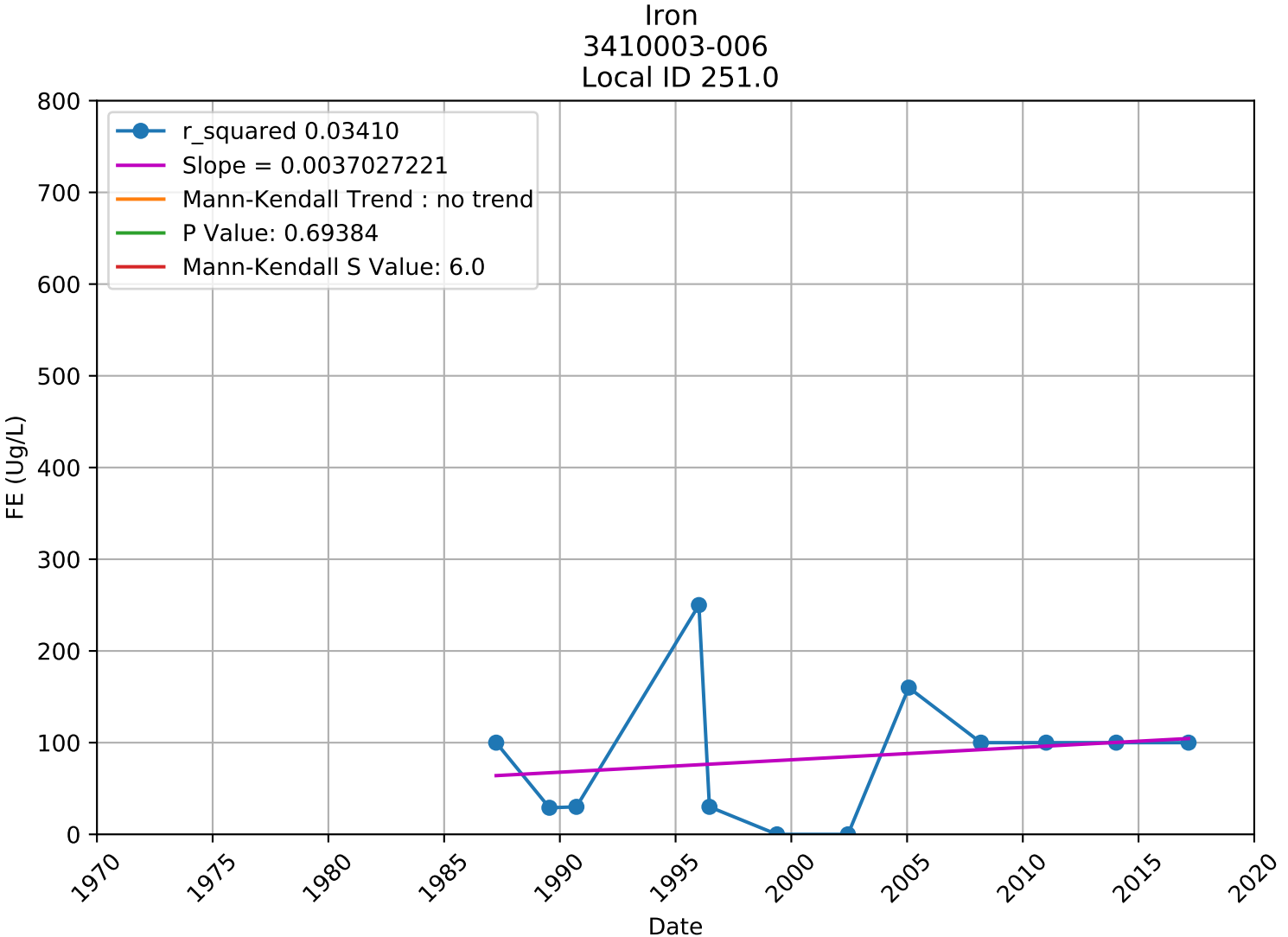

Iron
3410002-014
Local ID 249.0
r_squared 0.15125
Slope = -0.0138458930
Mann-Kendall Trend : no trend
P Value: 0.22821
Mann-Kendall S Value: -12.0
FE (Ug/L)
Date
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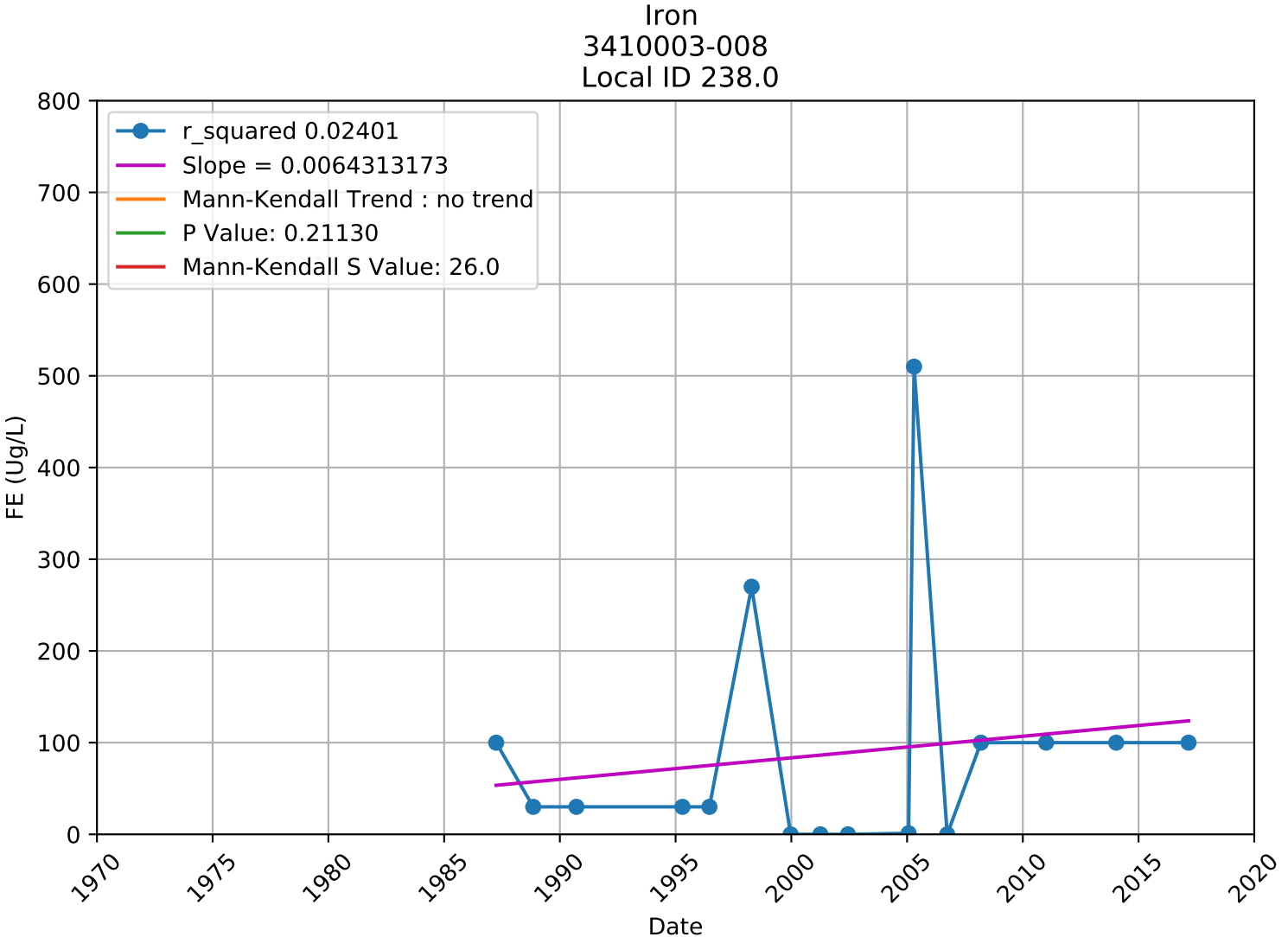

Iron
3410003-001
Local ID 152.0
r_squared 0.27422
Slope = 0.0204642767
Mann-Kendall Trend : increasing
P Value: 0.00743
Mann-Kendall S Value: 65.0
FE (Ug/L)
Date
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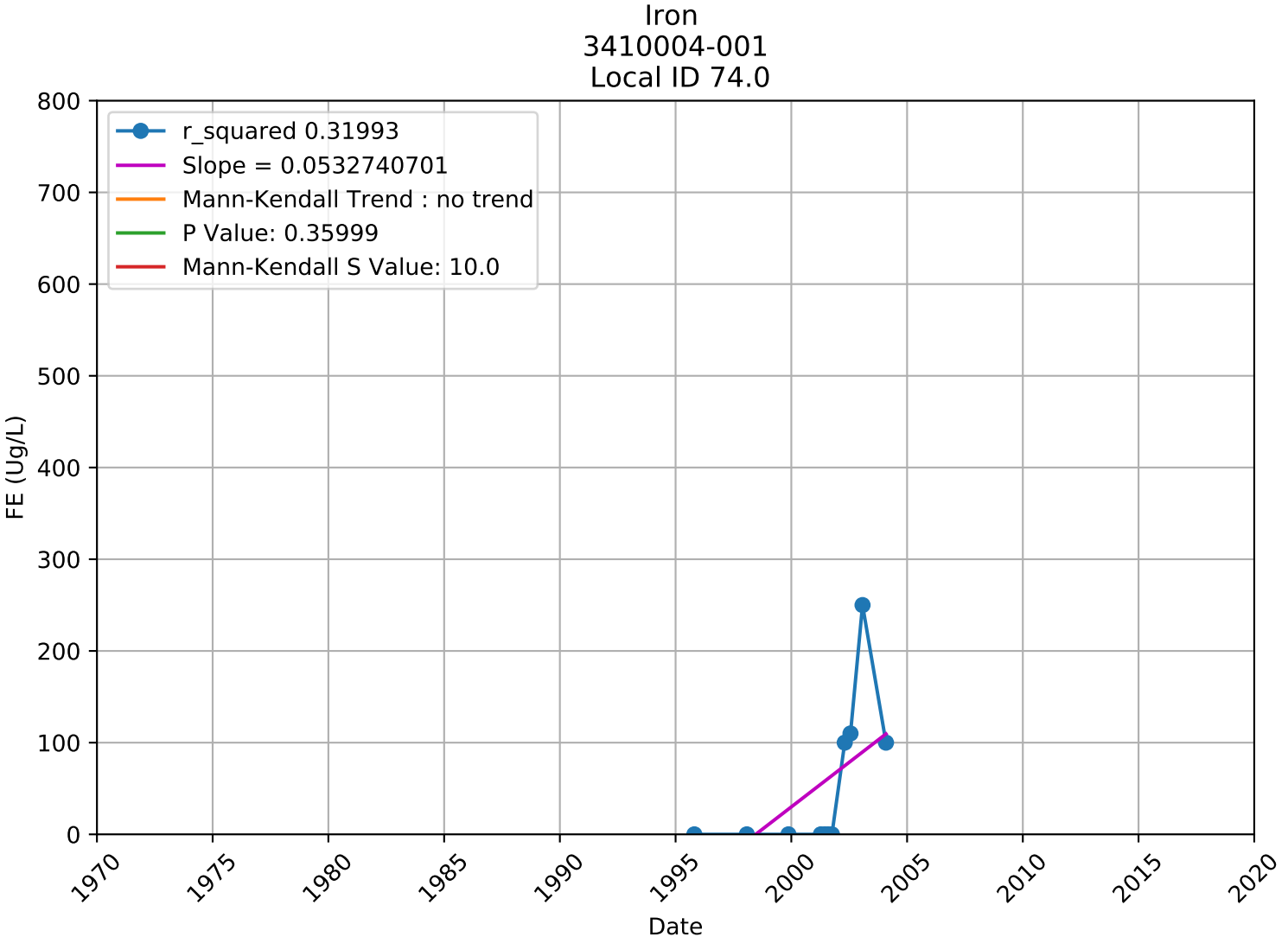

Iron
3410003-002
Local ID 153.0
r_squared 0.44185
Slope = 0.0073902260
Mann-Kendall Trend : no trend
P Value: 0.12389
Mann-Kendall S Value: 26.0
FE (Ug/L)
Date
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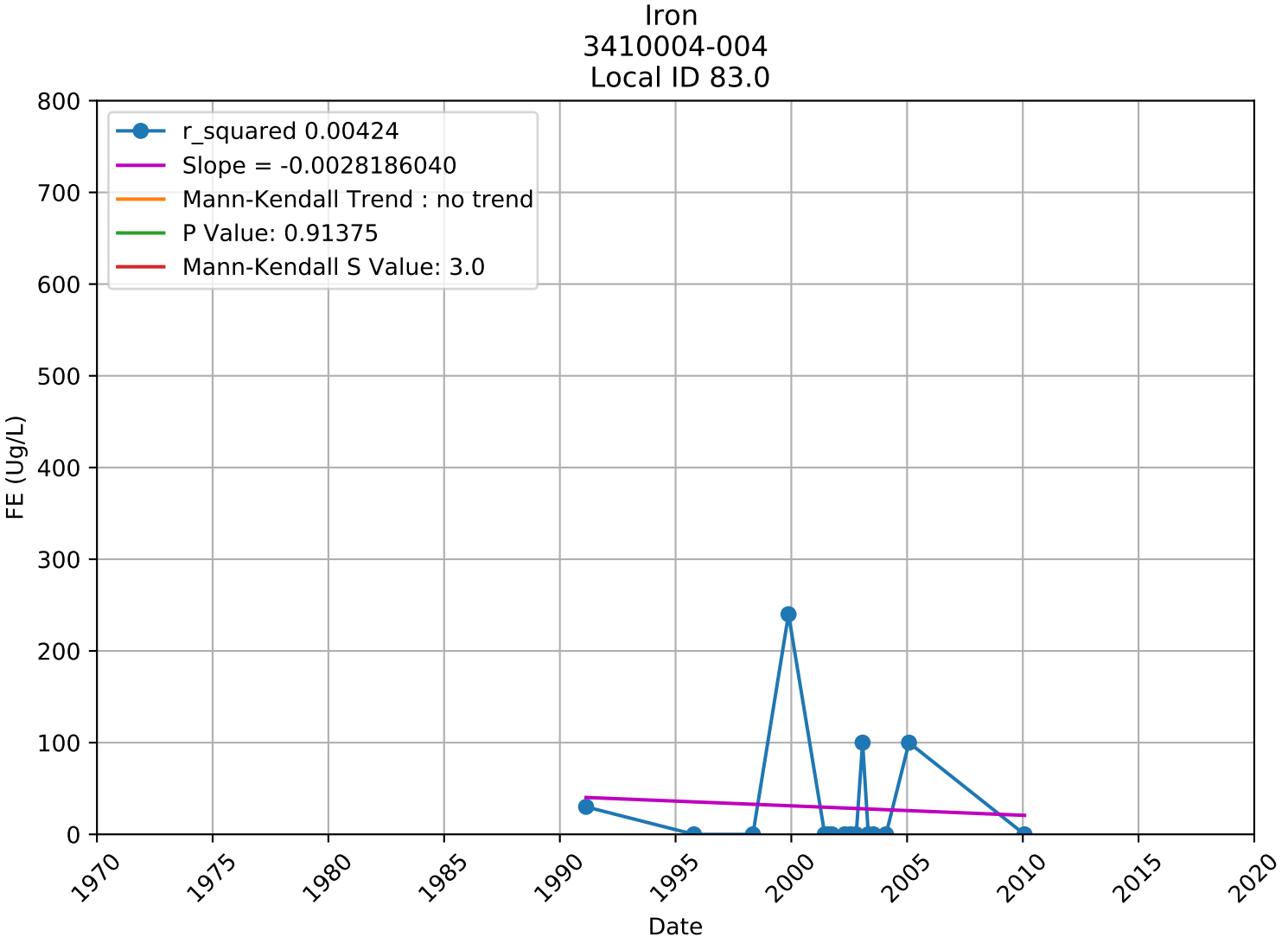

Iron
3410003-004
Local ID 245.0
r_squared 0.02717
Slope = 0.0147946159
Mann-Kendall Trend : no trend
P Value: 0.60217
Mann-Kendall S Value: -6.0
FE (Ug/L)
Date
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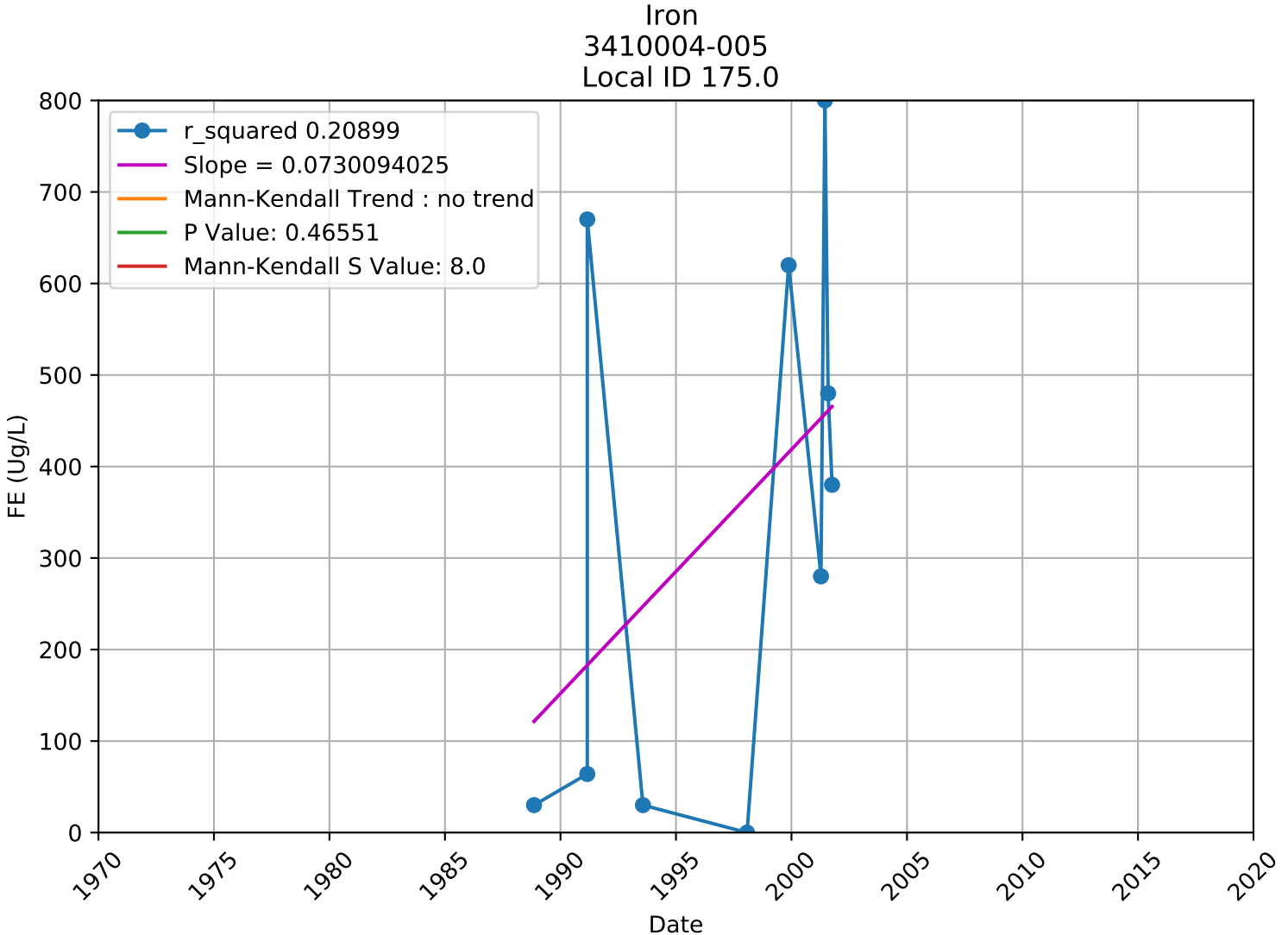

Iron
3410003-005
Local ID 162.0
r_squared 0.12427
Slope = 0.0102597274
Mann-Kendall Trend : increasing
P Value: 0.03398
Mann-Kendall S Value: 48.0
FE (Ug/L)
Date
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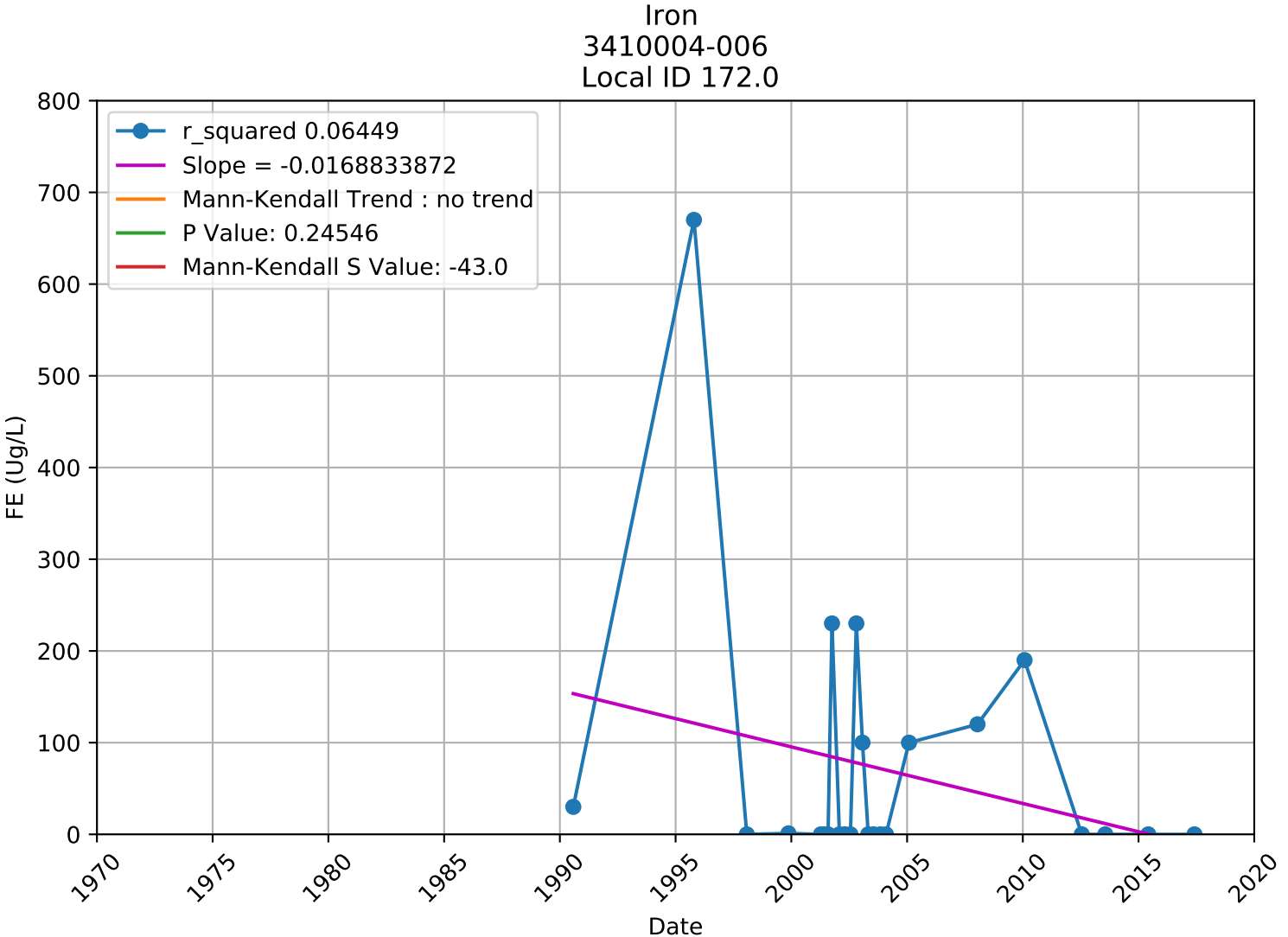

Iron
3410003-006
Local ID 251.0
r_squared 0.03410
Slope = 0.0037027221
Mann-Kendall Trend : no trend
P Value: 0.69384
Mann-Kendall S Value: 6.0
FE (Ug/L)
Date
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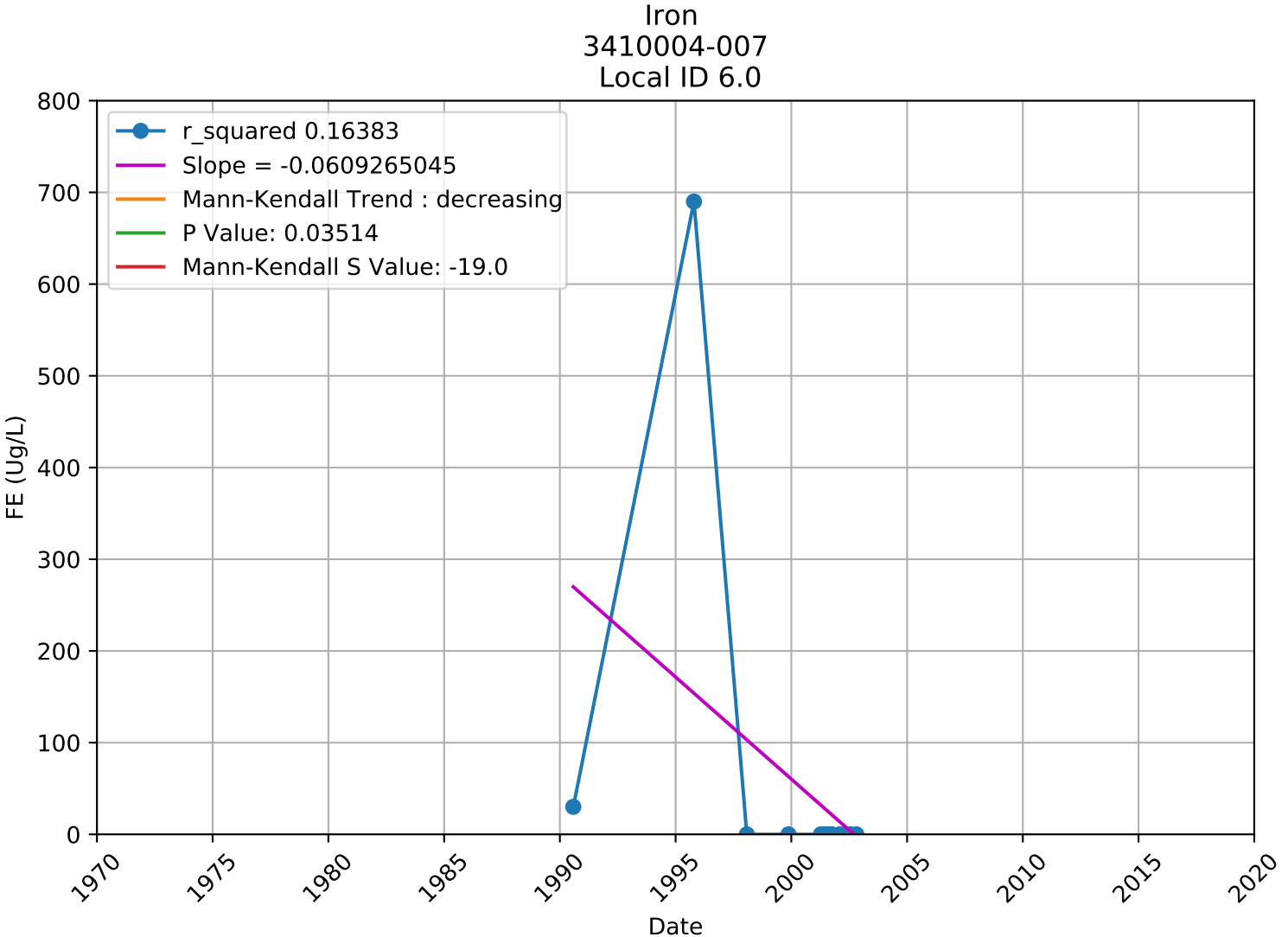

Iron
3410003-008
Local ID 238.0
r_squared 0.02401
Slope = 0.0064313173
Mann-Kendall Trend : no trend
P Value: 0.21130
Mann-Kendall S Value: 26.0
FE (Ug/L)
Date
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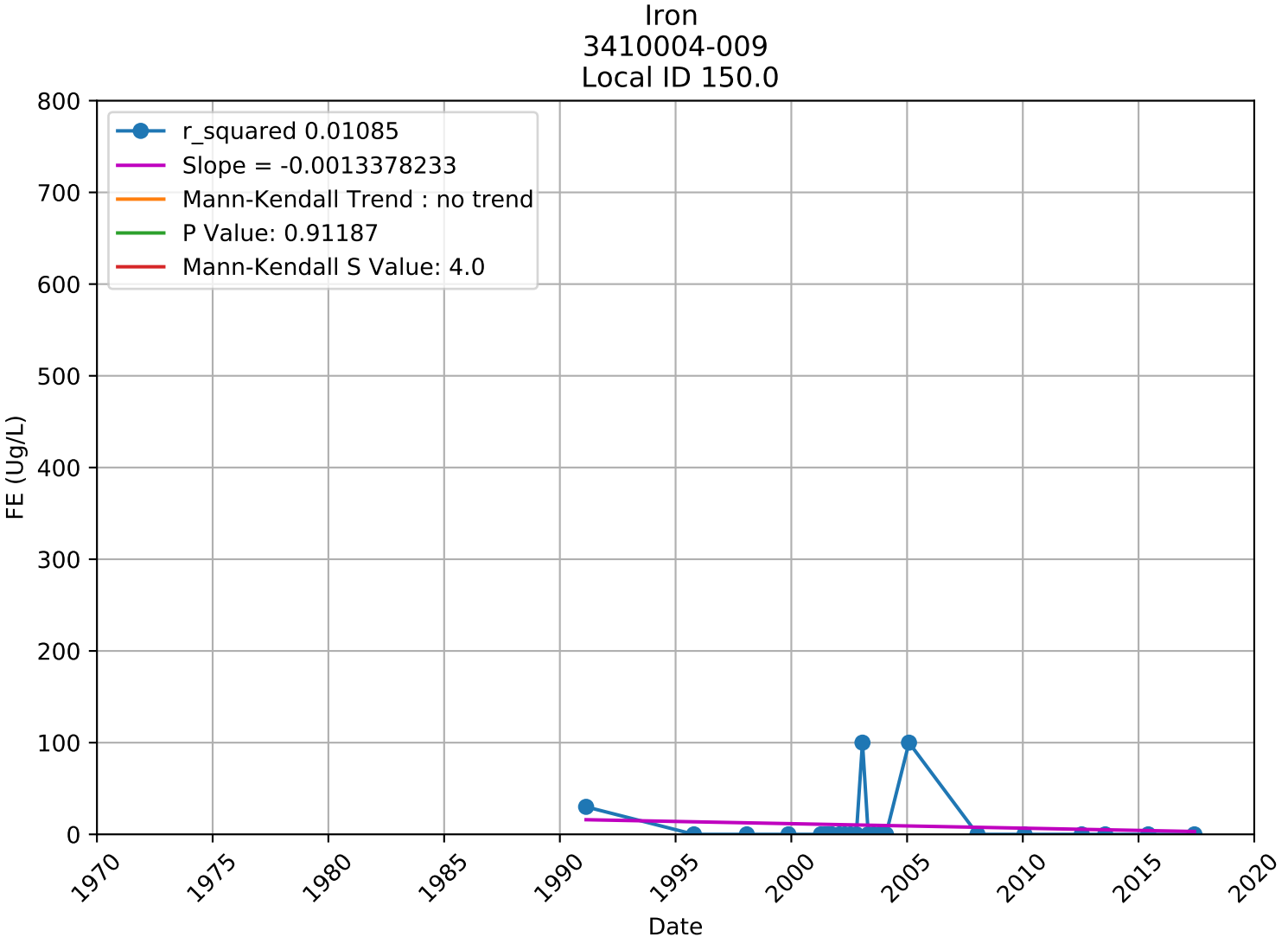

Iron
3410004-001
Local ID 74.0
r_squared 0.31993
Slope = 0.0532740701
Mann-Kendall Trend : no trend
P Value: 0.35999
Mann-Kendall S Value: 10.0
FE (Ug/L)
Date
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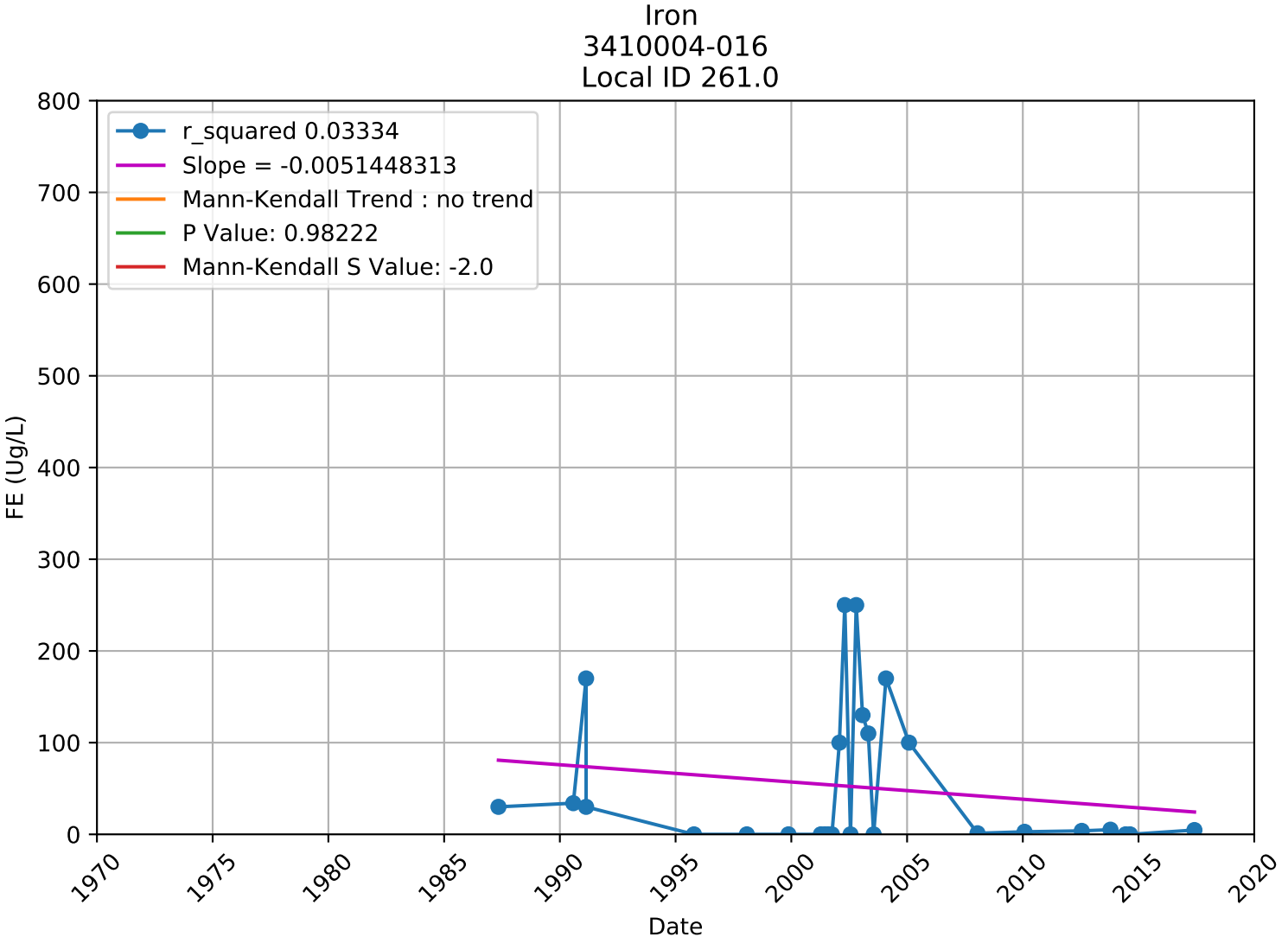

Iron
3410004-004
Local ID 83.0
r_squared 0.00424
Slope = -0.0028186040
Mann-Kendall Trend : no trend
P Value: 0.91375
Mann-Kendall S Value: 3.0
FE (Ug/L)
Date
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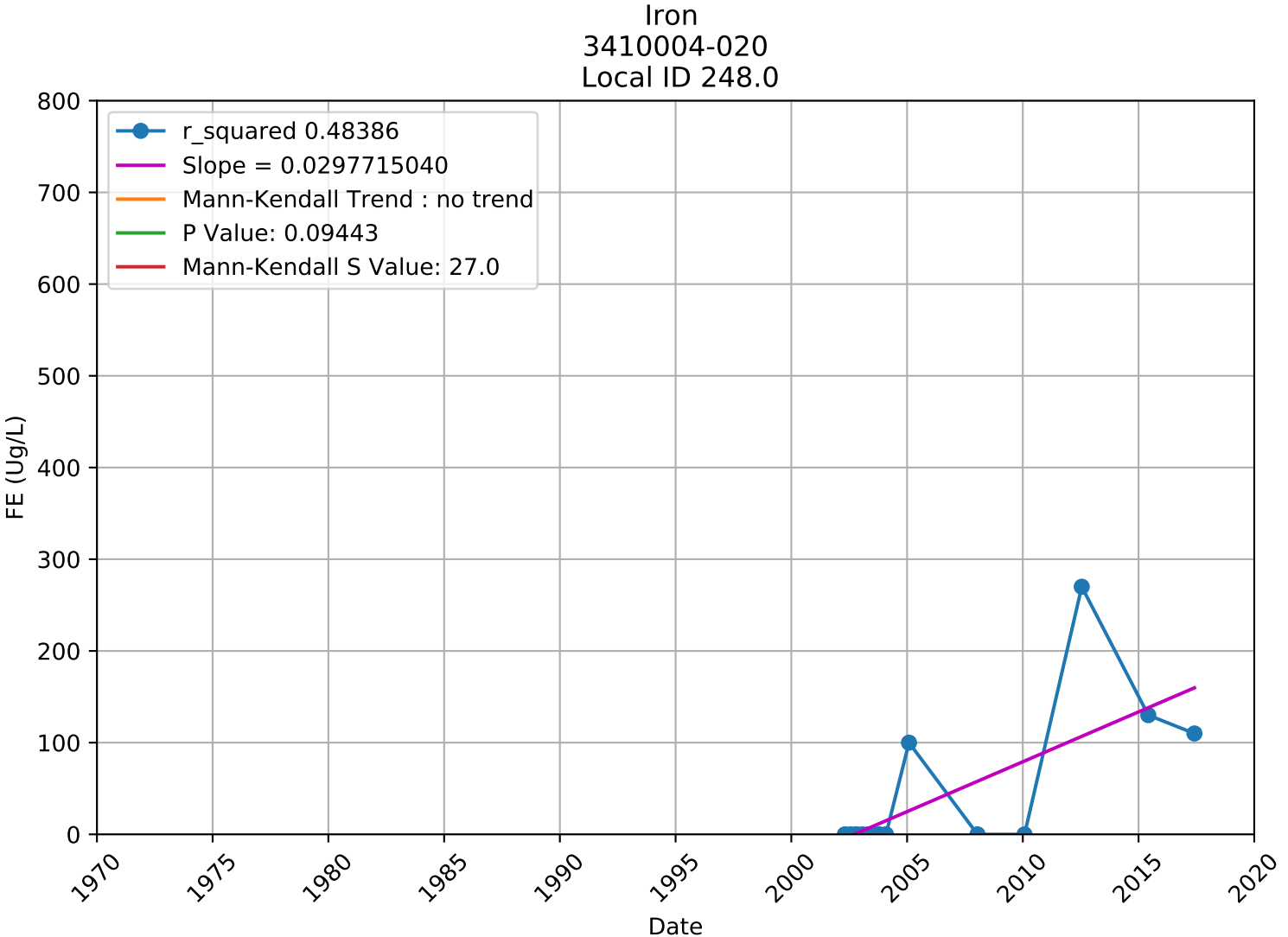

Iron
3410004-005
Local ID 175.0
r_squared 0.20899
Slope = 0.0730094025
Mann-Kendall Trend : no trend
P Value: 0.46551
Mann-Kendall S Value: 8.0
FE (Ug/L)
Date
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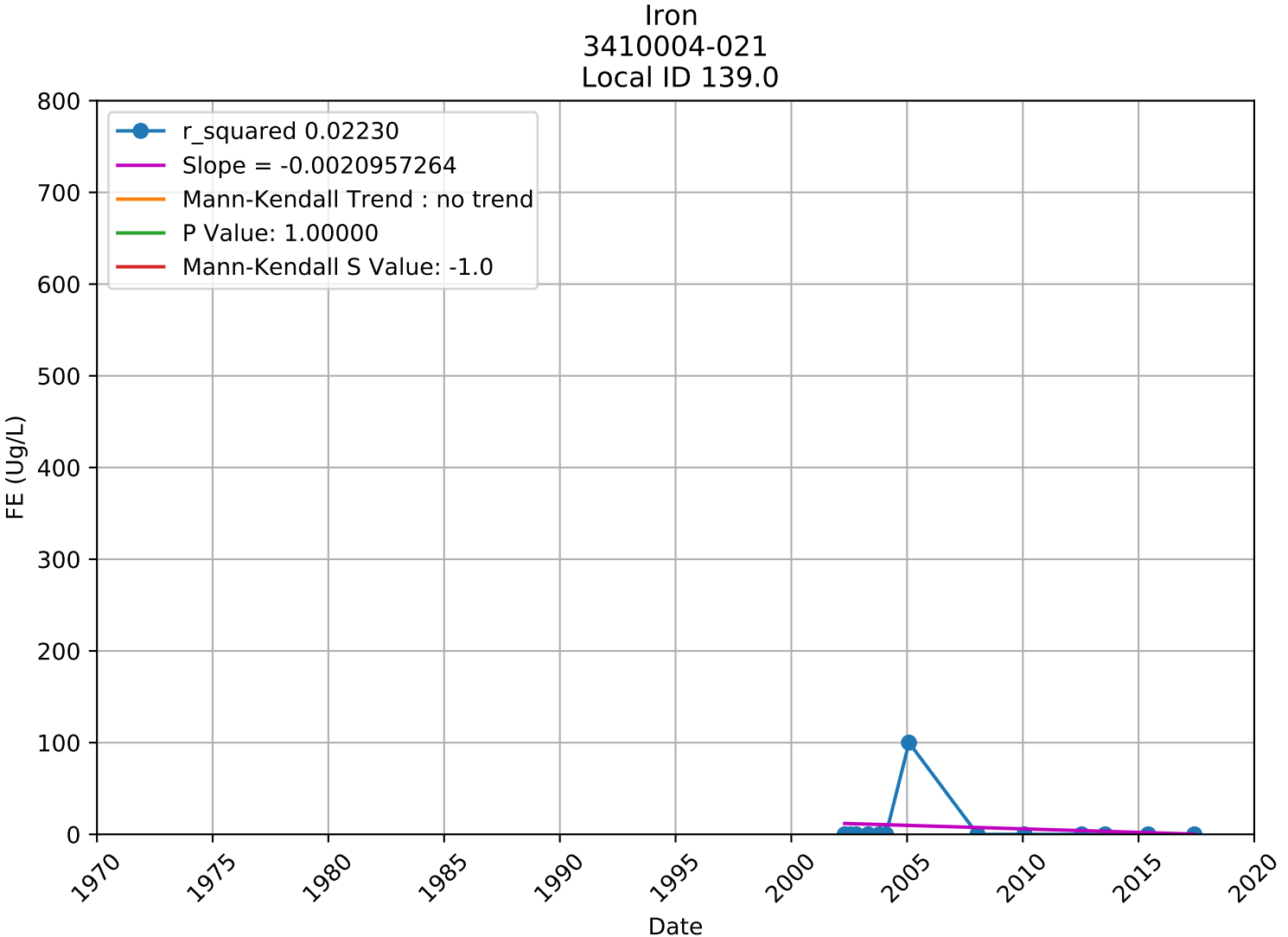

Iron
3410004-006
Local ID 172.0
r_squared 0.06449
Slope = -0.0168833872
Mann-Kendall Trend : no trend
P Value: 0.24546
Mann-Kendall S Value: -43.0
FE (Ug/L)
Date
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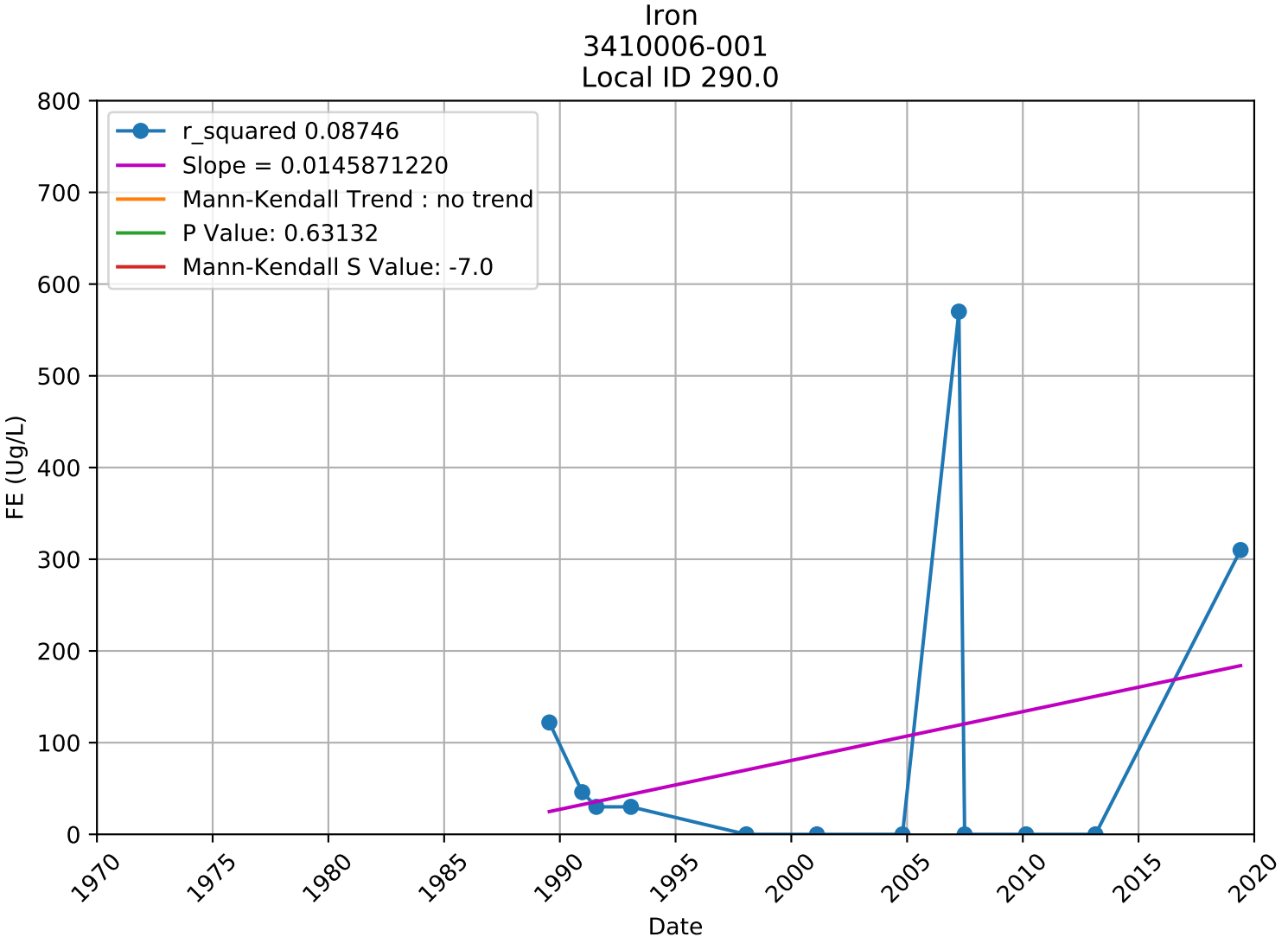

Iron
3410004-007
Local ID 6.0
r_squared 0.16383
Slope = -0.0609265045
Mann-Kendall Trend : decreasing
P Value: 0.03514
Mann-Kendall S Value: -19.0
FE (Ug/L)
Date
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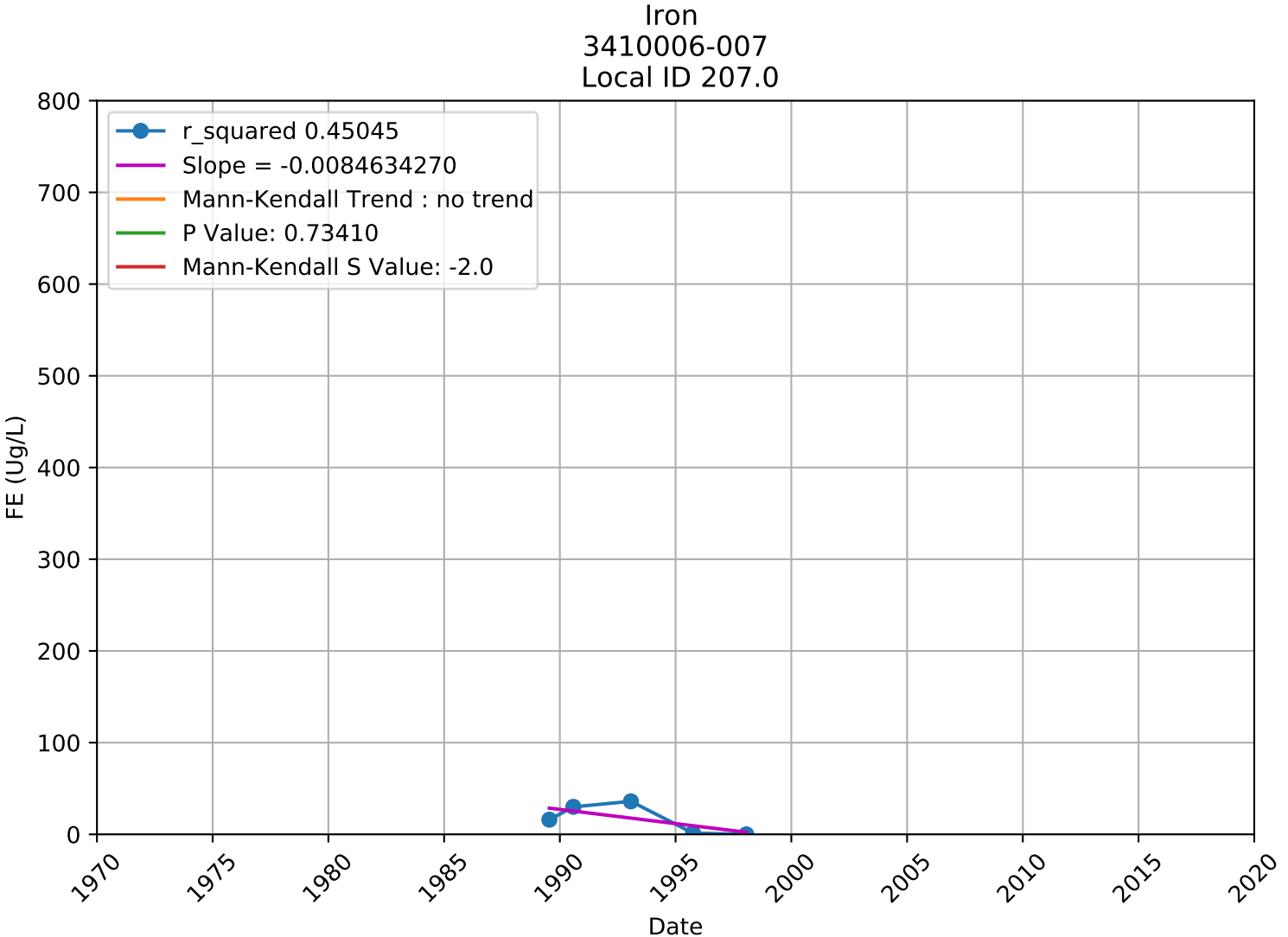

Iron
3410004-009
Local ID 150.0
r_squared 0.01085
Slope = -0.0013378233
Mann-Kendall Trend : no trend
P Value: 0.91187
Mann-Kendall S Value: 4.0
FE (Ug/L)
Date
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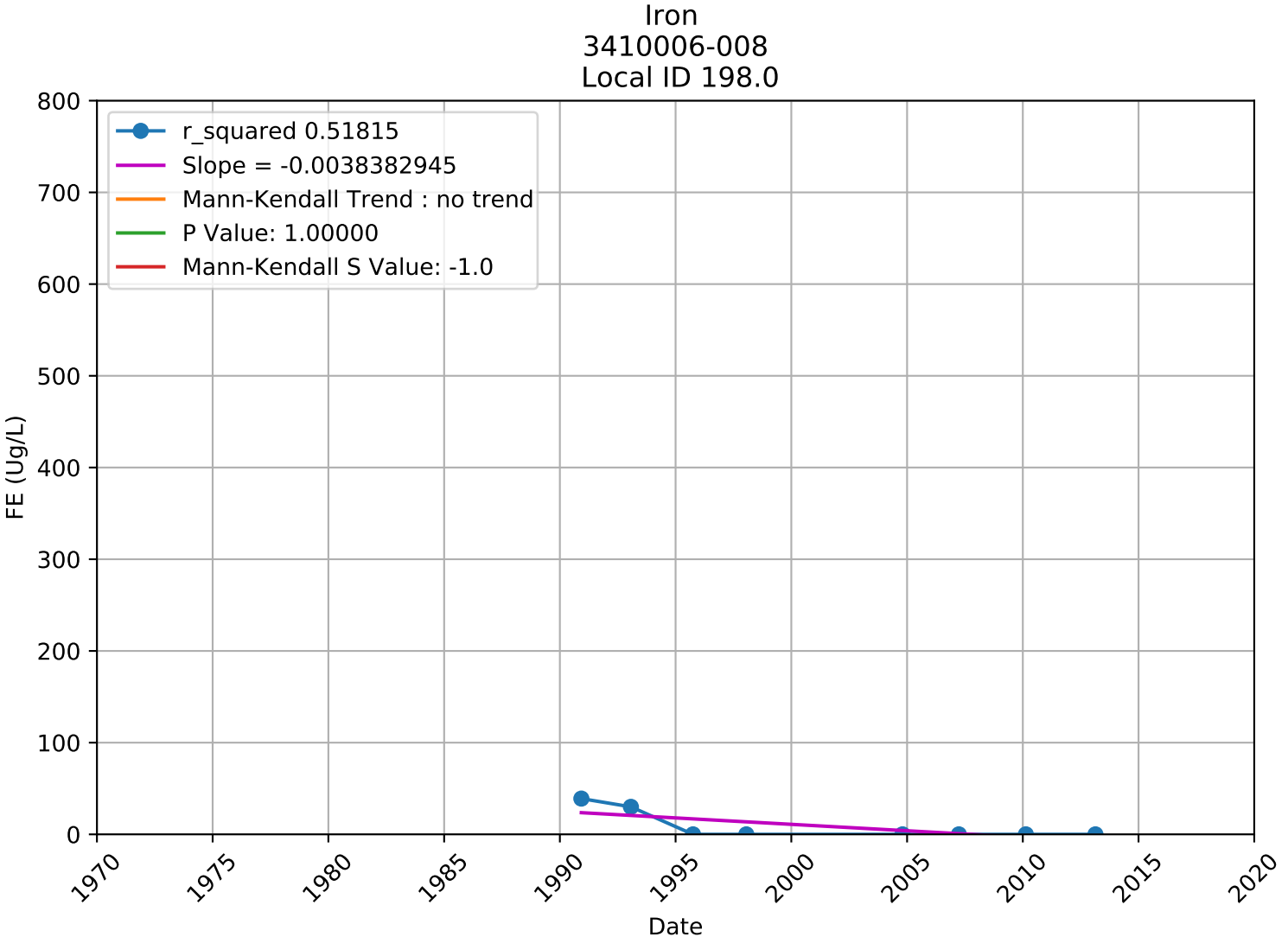

Iron
3410004-016
Local ID 261.0
r_squared 0.03334
Slope = -0.0051448313
Mann-Kendall Trend : no trend
P Value: 0.98222
Mann-Kendall S Value: -2.0
FE (Ug/L)
Date
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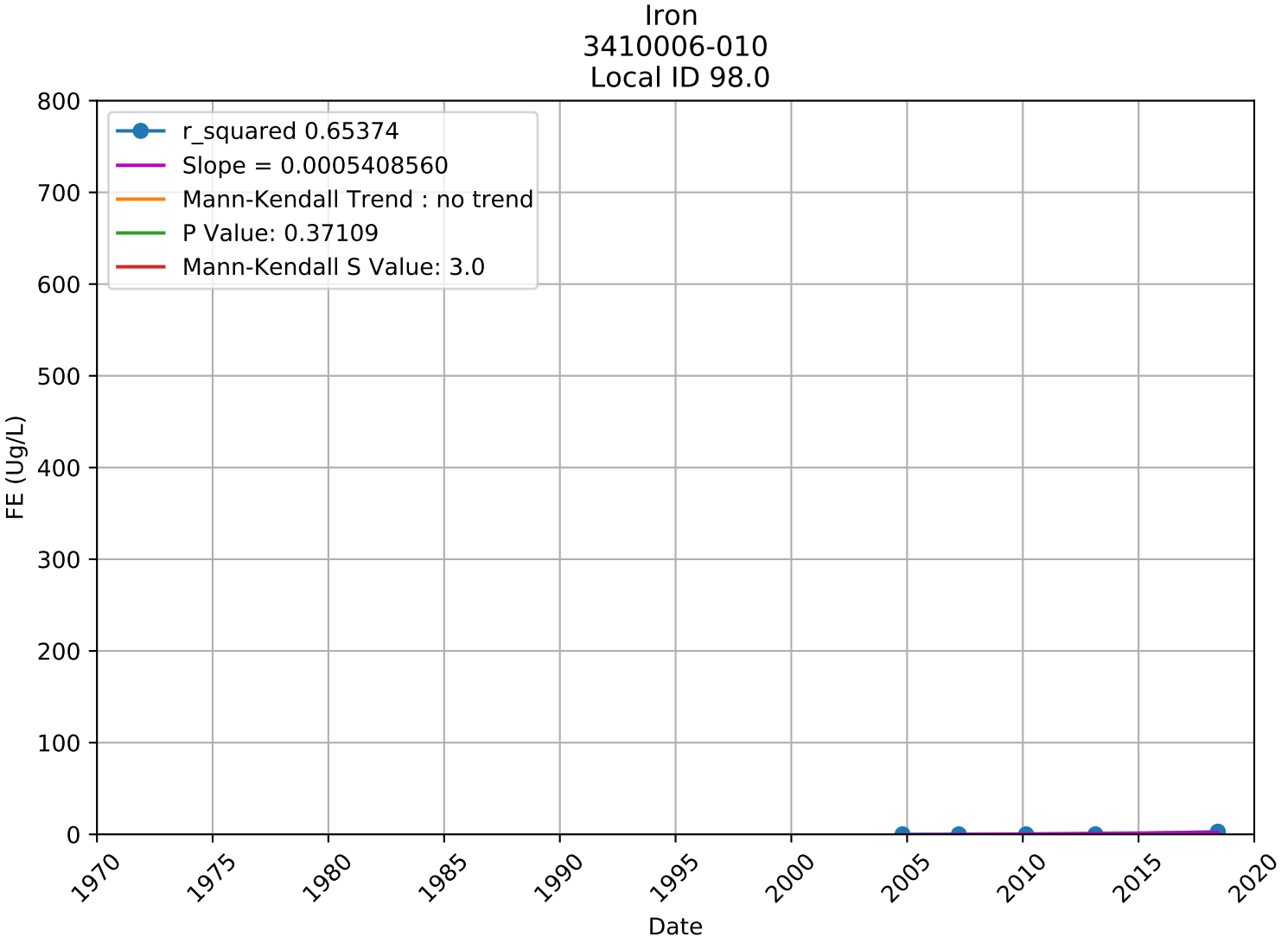

Iron
3410004-020
Local ID 248.0
r_squared 0.48386
Slope = 0.0297715040
Mann-Kendall Trend : no trend
P Value: 0.09443
Mann-Kendall S Value: 27.0
FE (Ug/L)
Date
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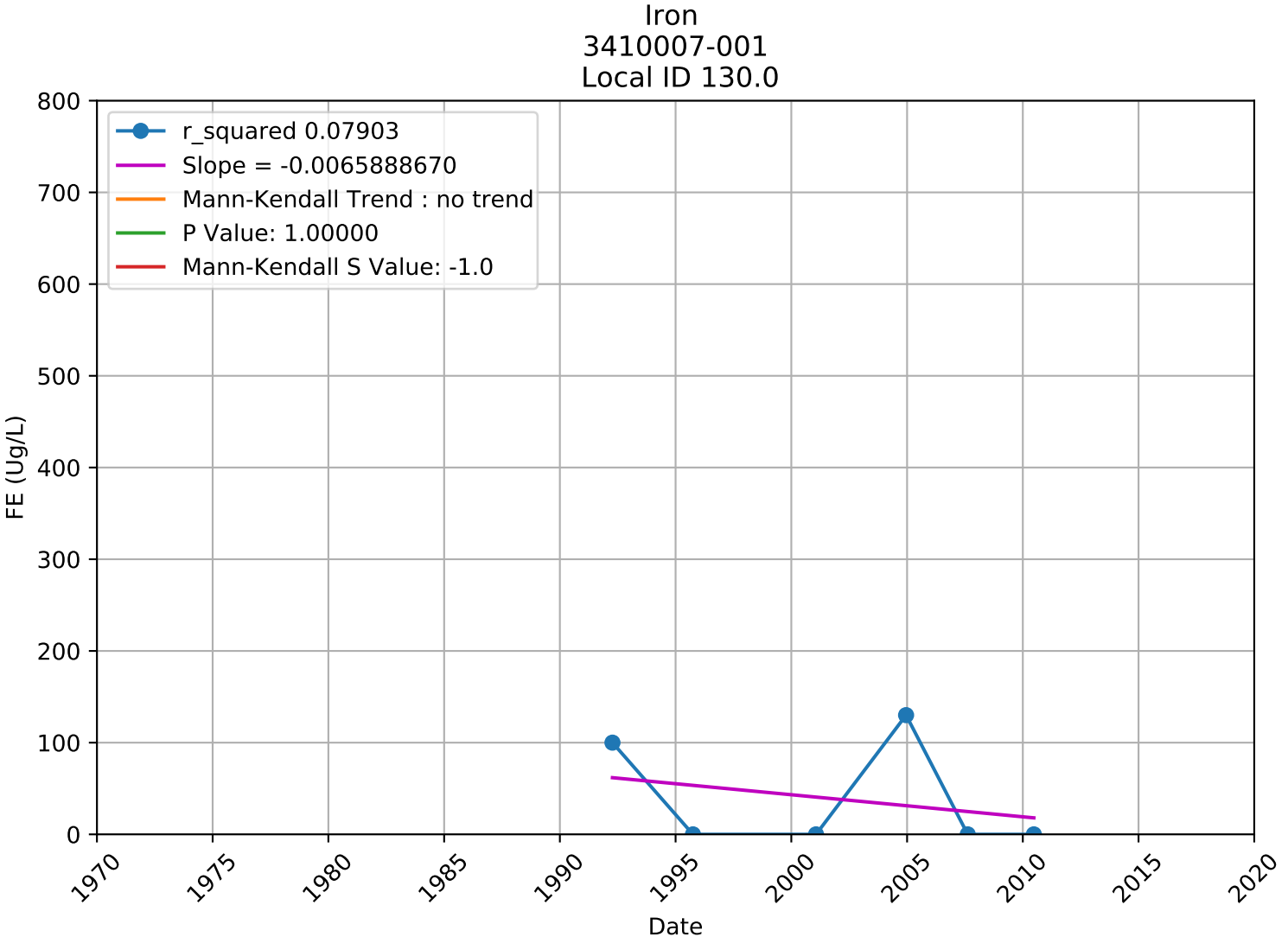

Iron
3410004-021
Local ID 139.0
r_squared 0.02230
Slope = -0.0020957264
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
FE (Ug/L)
Date
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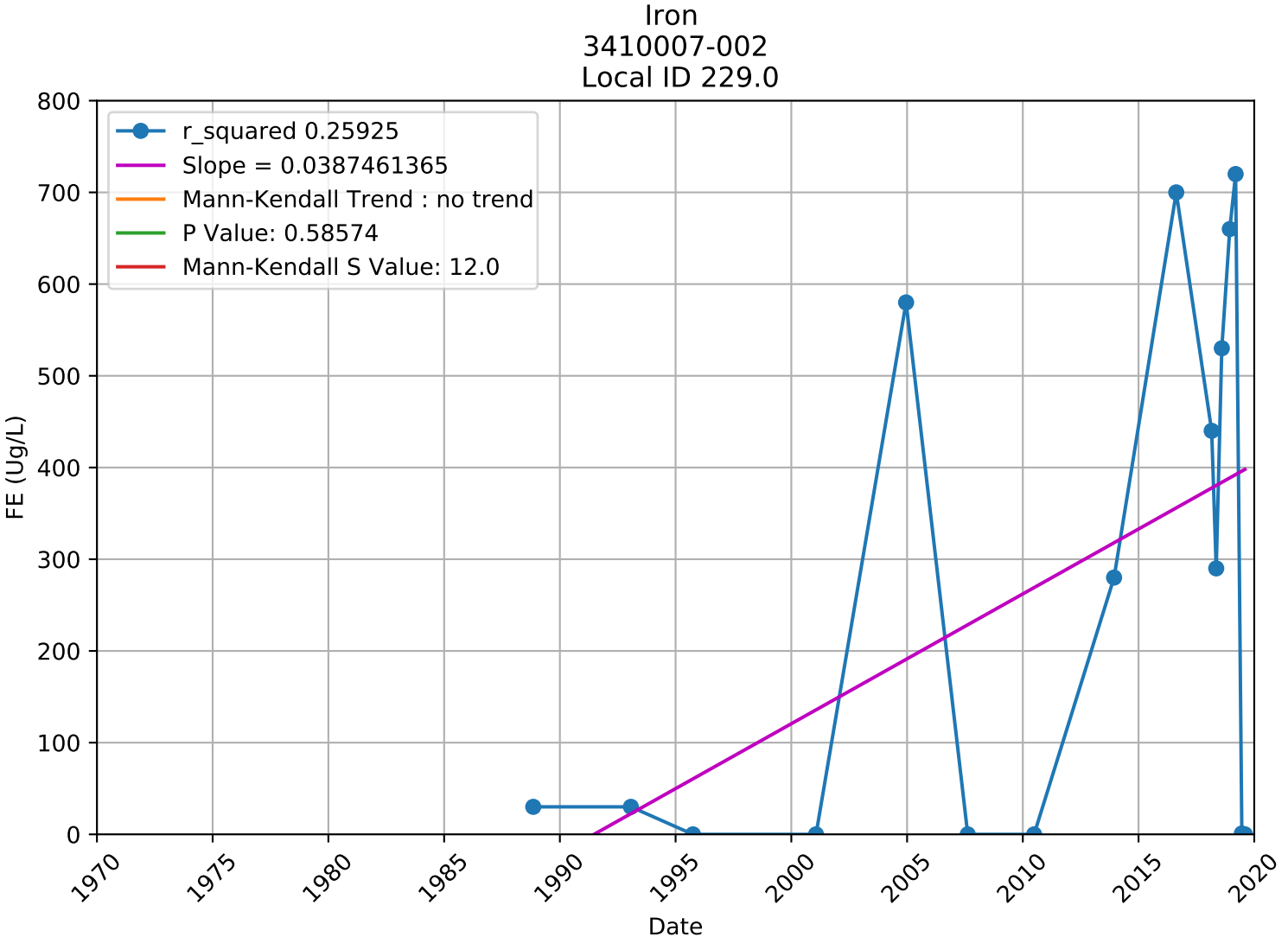

Iron
3410006-001
Local ID 290.0
r_squared 0.08746
Slope = 0.0145871220
Mann-Kendall Trend : no trend
P Value: 0.63132
Mann-Kendall S Value: -7.0
FE (Ug/L)
Date
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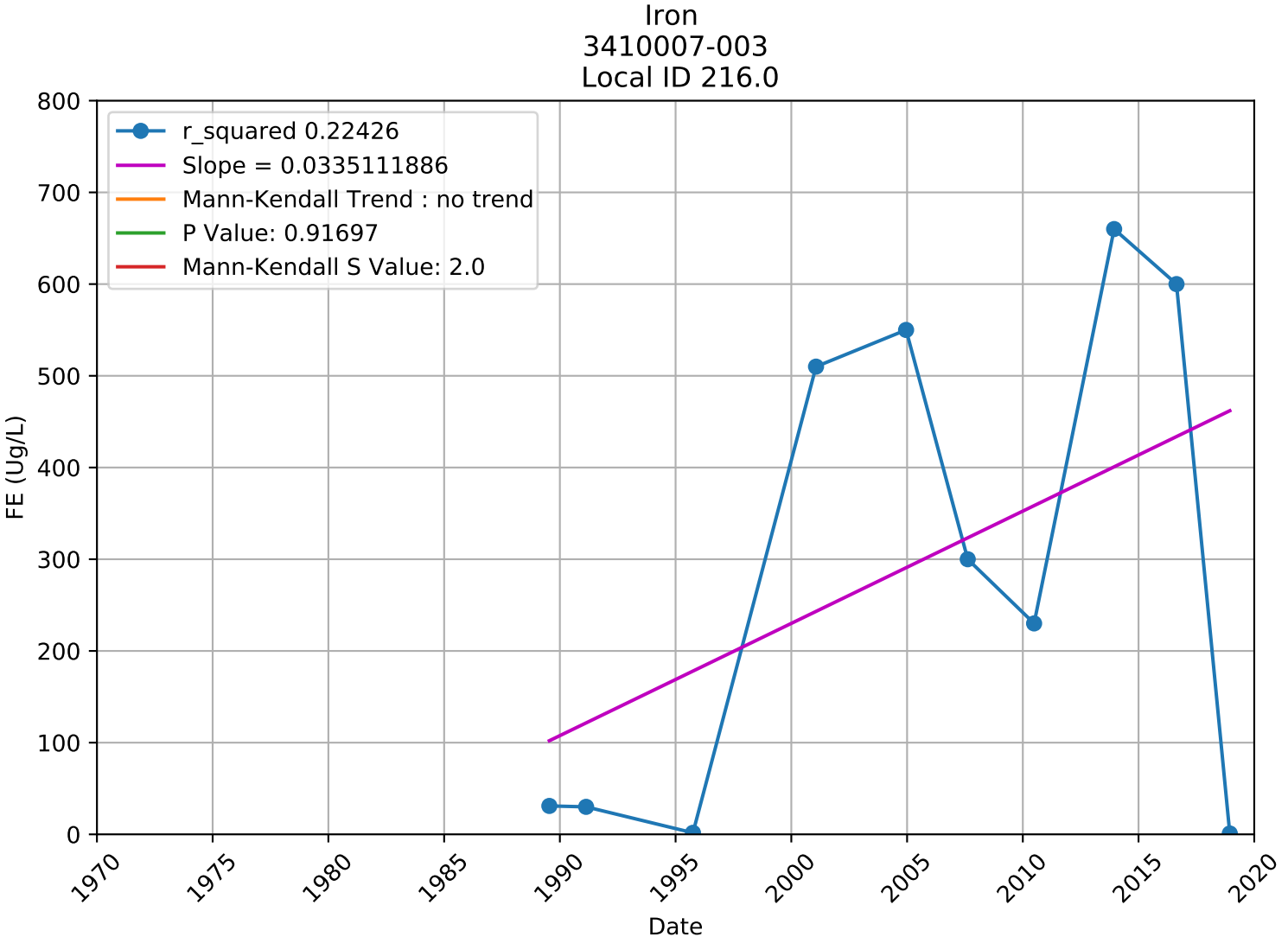

Iron
3410006-007
Local ID 207.0
r_squared 0.45045
Slope = -0.0084634270
Mann-Kendall Trend : no trend
P Value: 0.73410
Mann-Kendall S Value: -2.0
FE (Ug/L)
Date
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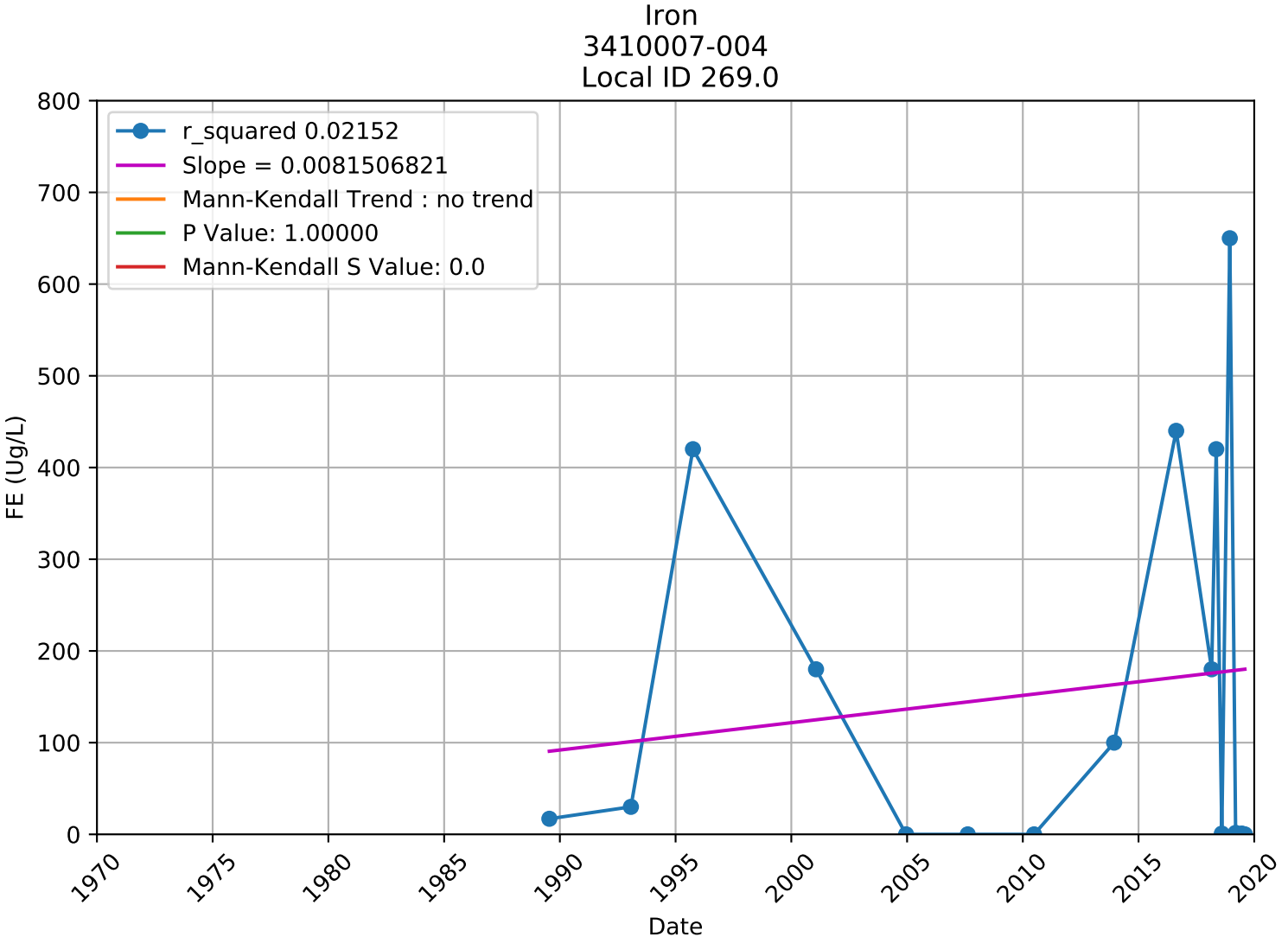

Iron
3410006-008
Local ID 198.0
r_squared 0.51815
Slope = -0.0038382945
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
FE (Ug/L)
Date
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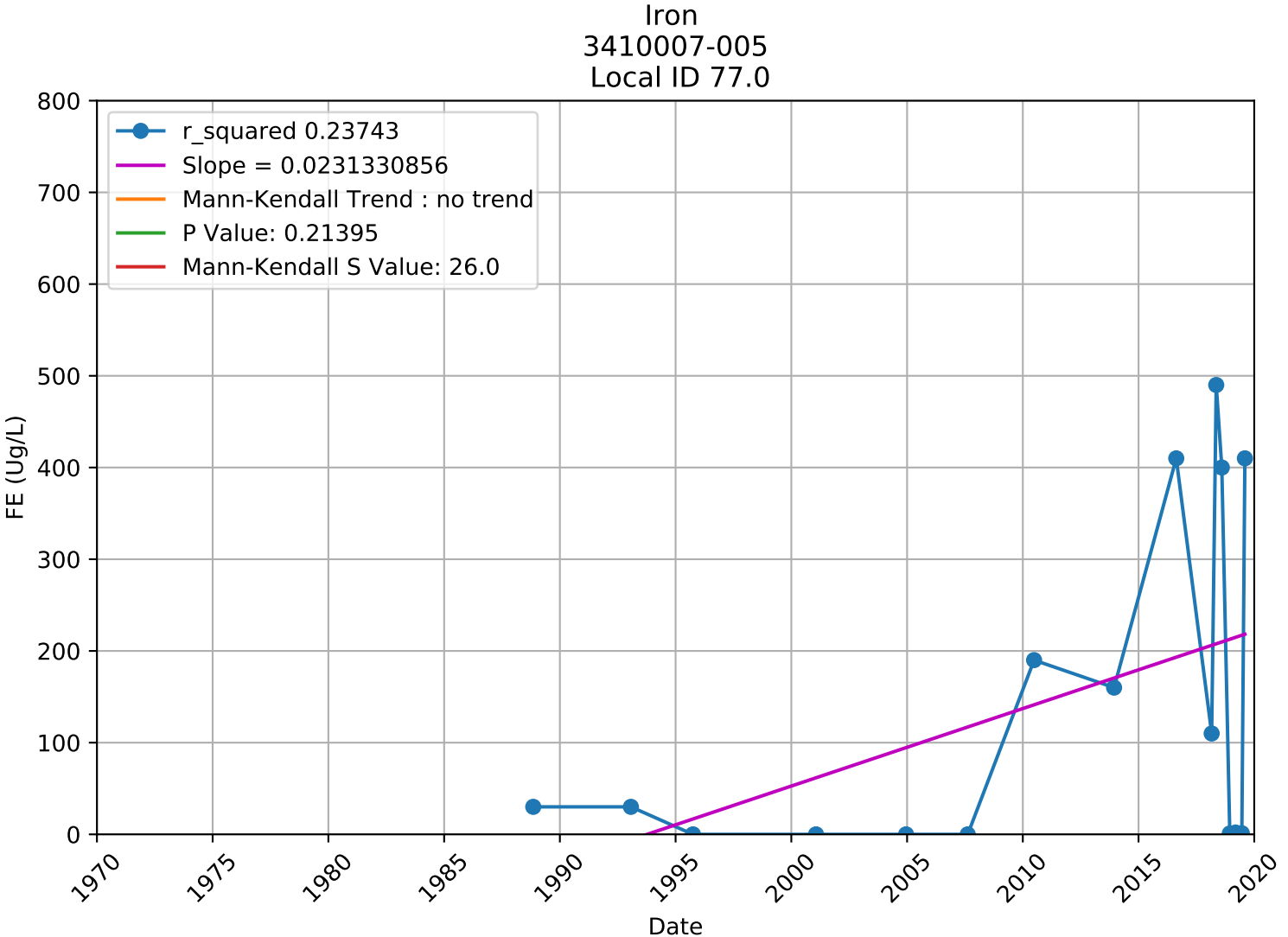

Iron
3410006-010
Local ID 98.0
r_squared 0.65374
Slope = 0.0005408560
Mann-Kendall Trend : no trend
P Value: 0.37109
Mann-Kendall S Value: 3.0
FE (Ug/L)
Date
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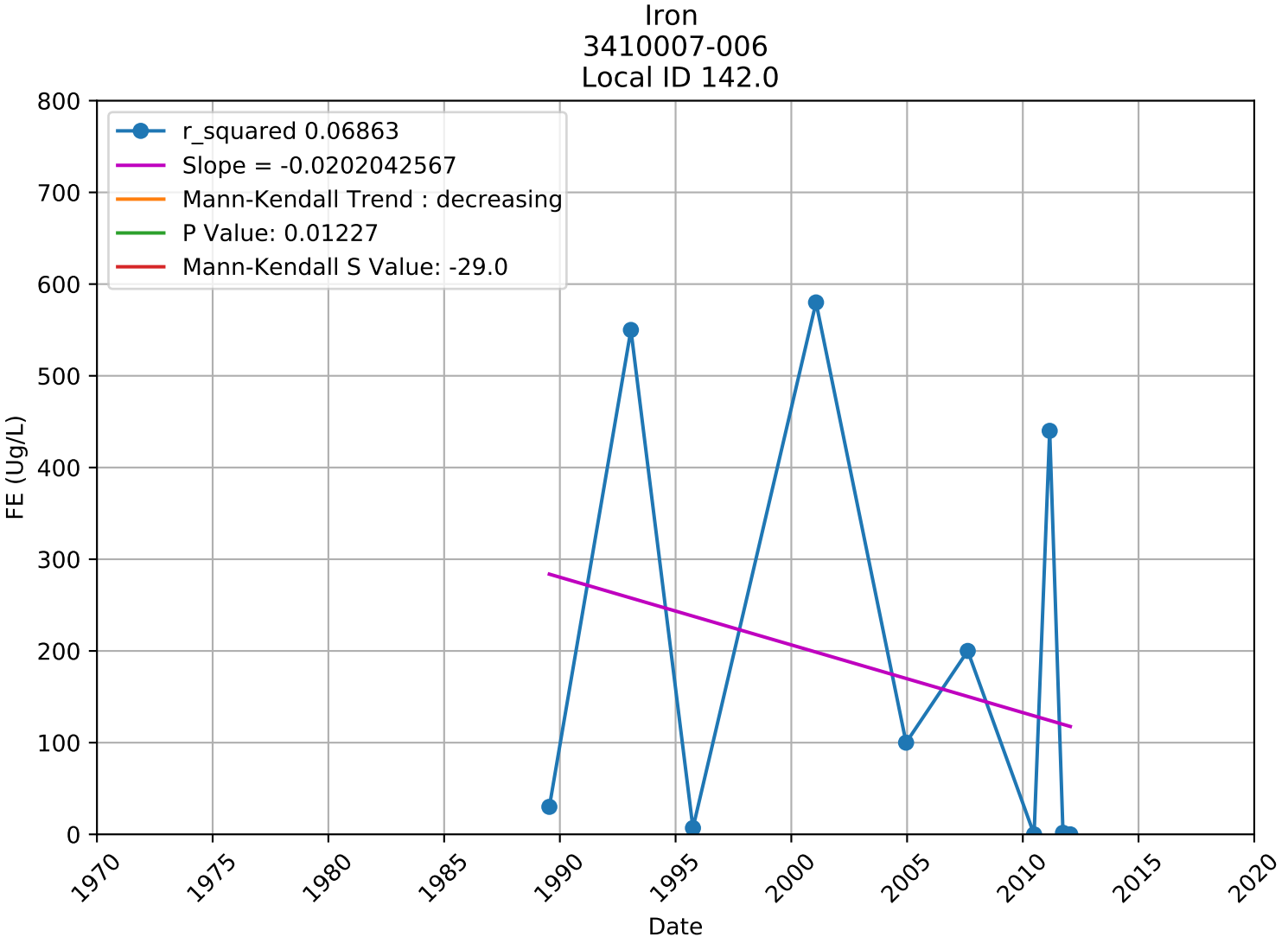

Iron
3410007-001
Local ID 130.0
r_squared 0.07903
Slope = -0.0065888670
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
FE (Ug/L)
Date
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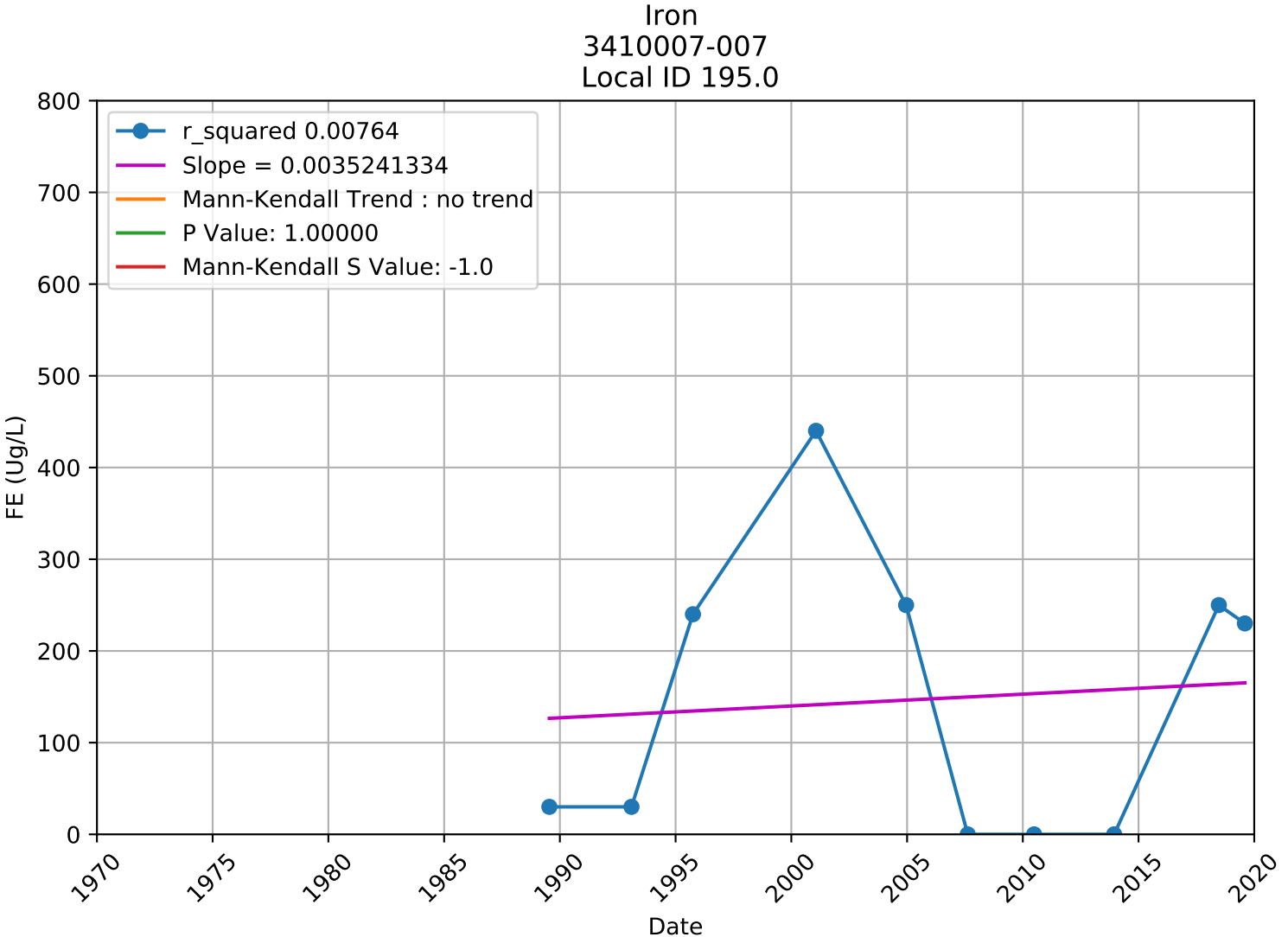

Iron
3410007-002
Local ID 229.0
r_squared 0.25925
Slope = 0.0387461365
Mann-Kendall Trend : no trend
P Value: 0.58574
Mann-Kendall S Value: 12.0
FE (Ug/L)
Date
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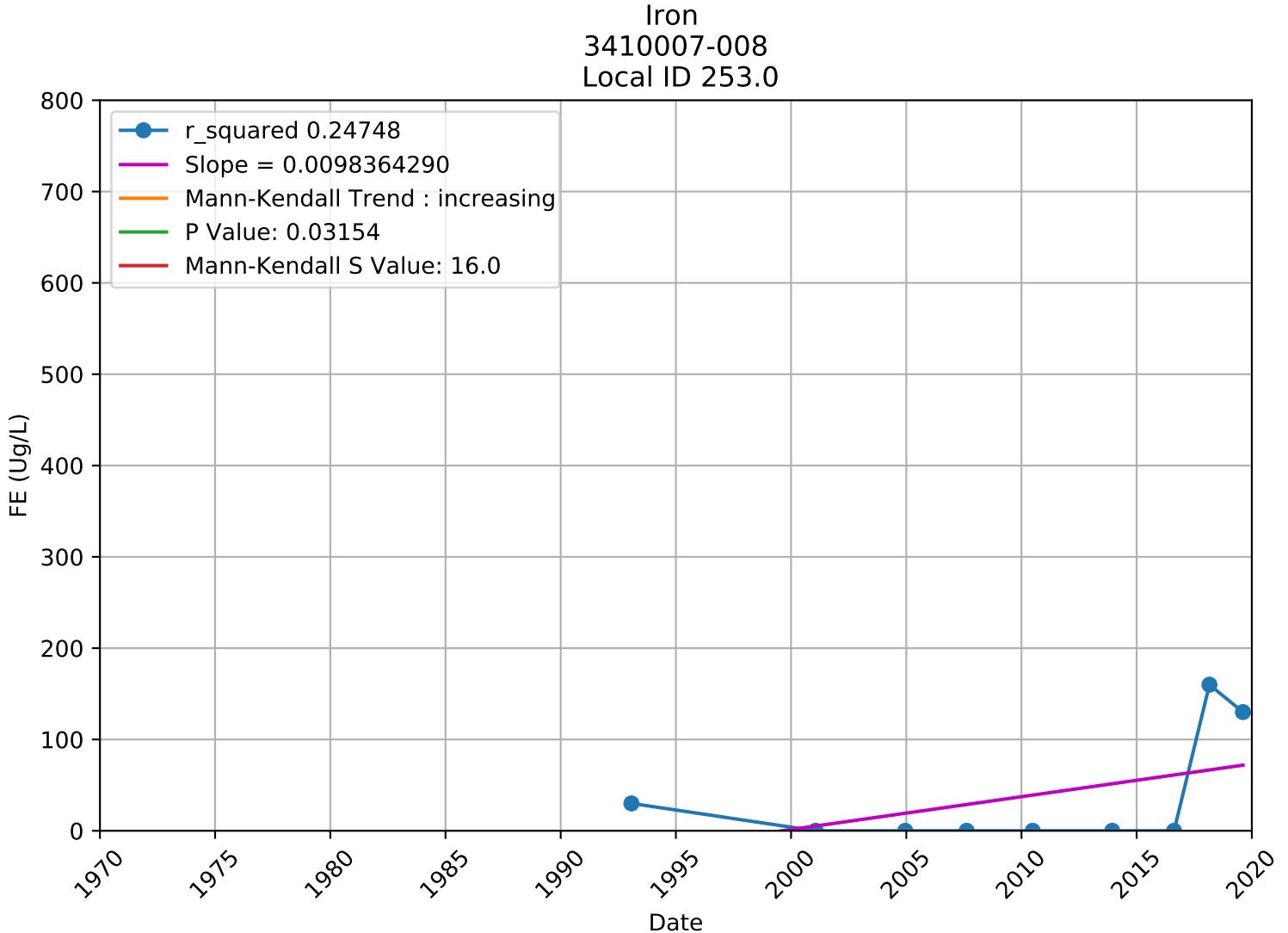

Iron
3410007-003
Local ID 216.0
r_squared 0.22426
Slope = 0.0335111886
Mann-Kendall Trend : no trend
P Value: 0.91697
Mann-Kendall S Value: 2.0
FE (Ug/L)
Date
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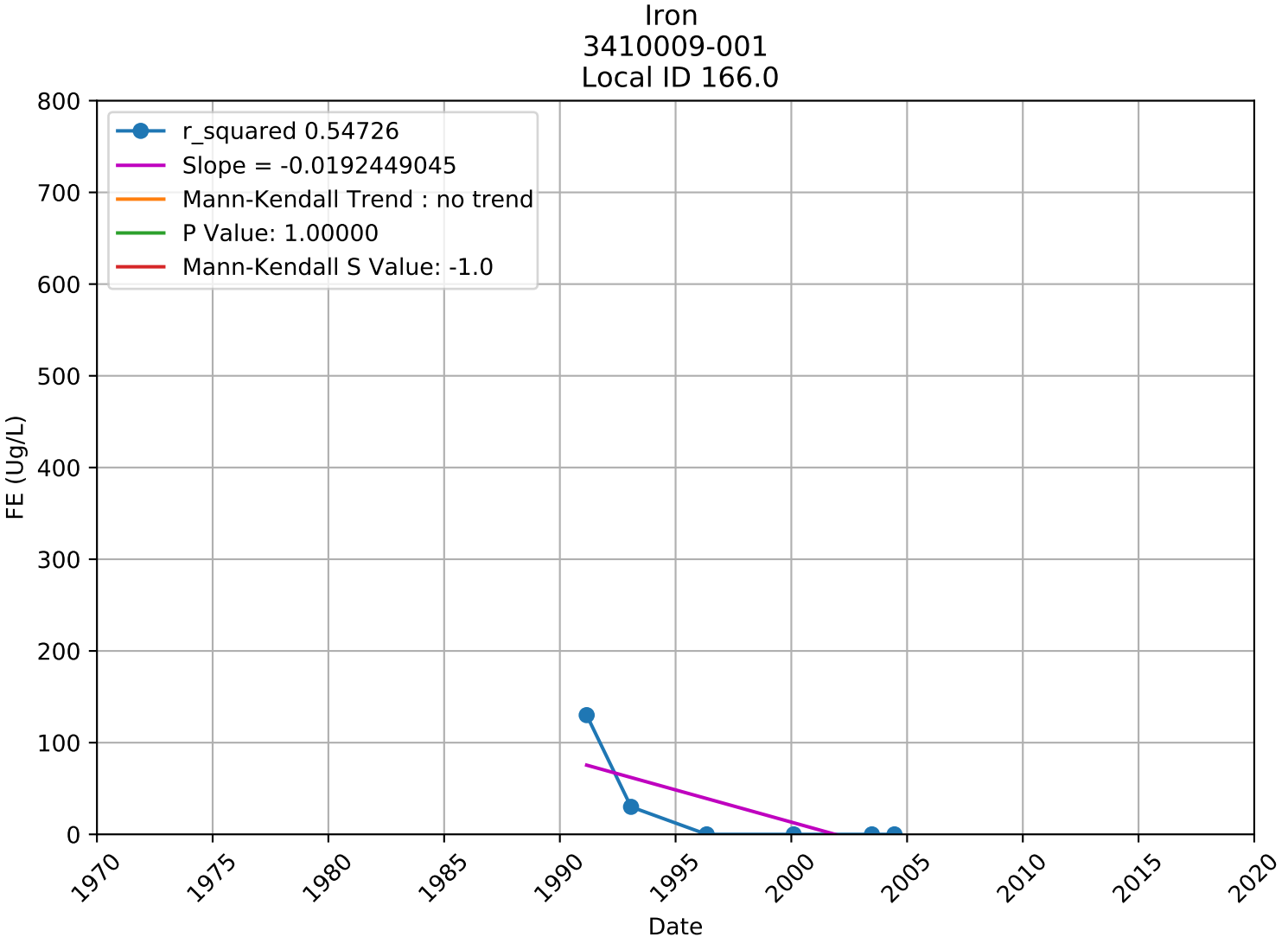

Iron
3410007-004
Local ID 269.0
r_squared 0.02152
Slope = 0.0081506821
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
FE (Ug/L)
Date
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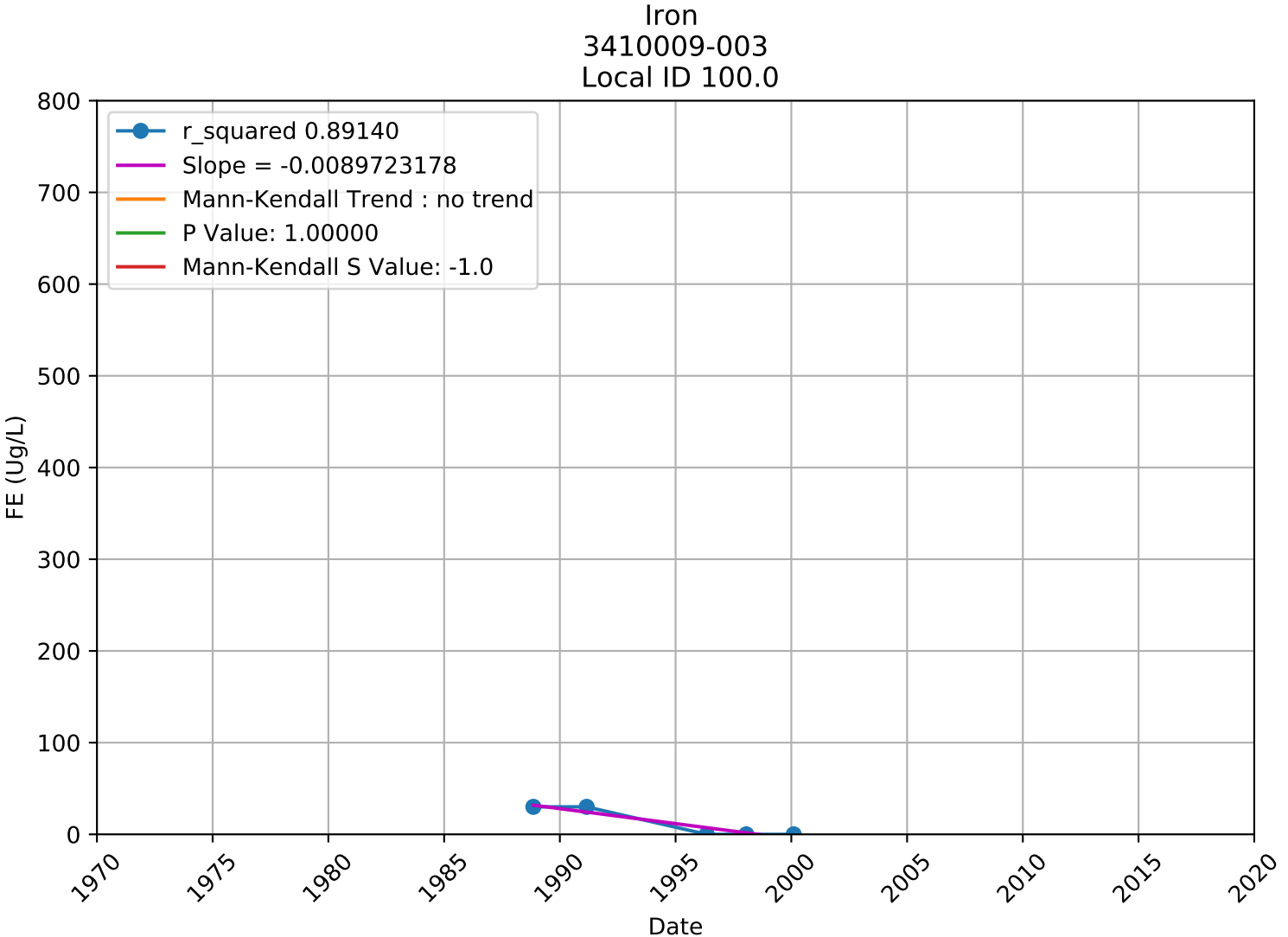

Iron
3410007-005
Local ID 77.0
r_squared 0.23743
Slope = 0.0231330856
Mann-Kendall Trend : no trend
P Value: 0.21395
Mann-Kendall S Value: 26.0
FE (Ug/L)
Date
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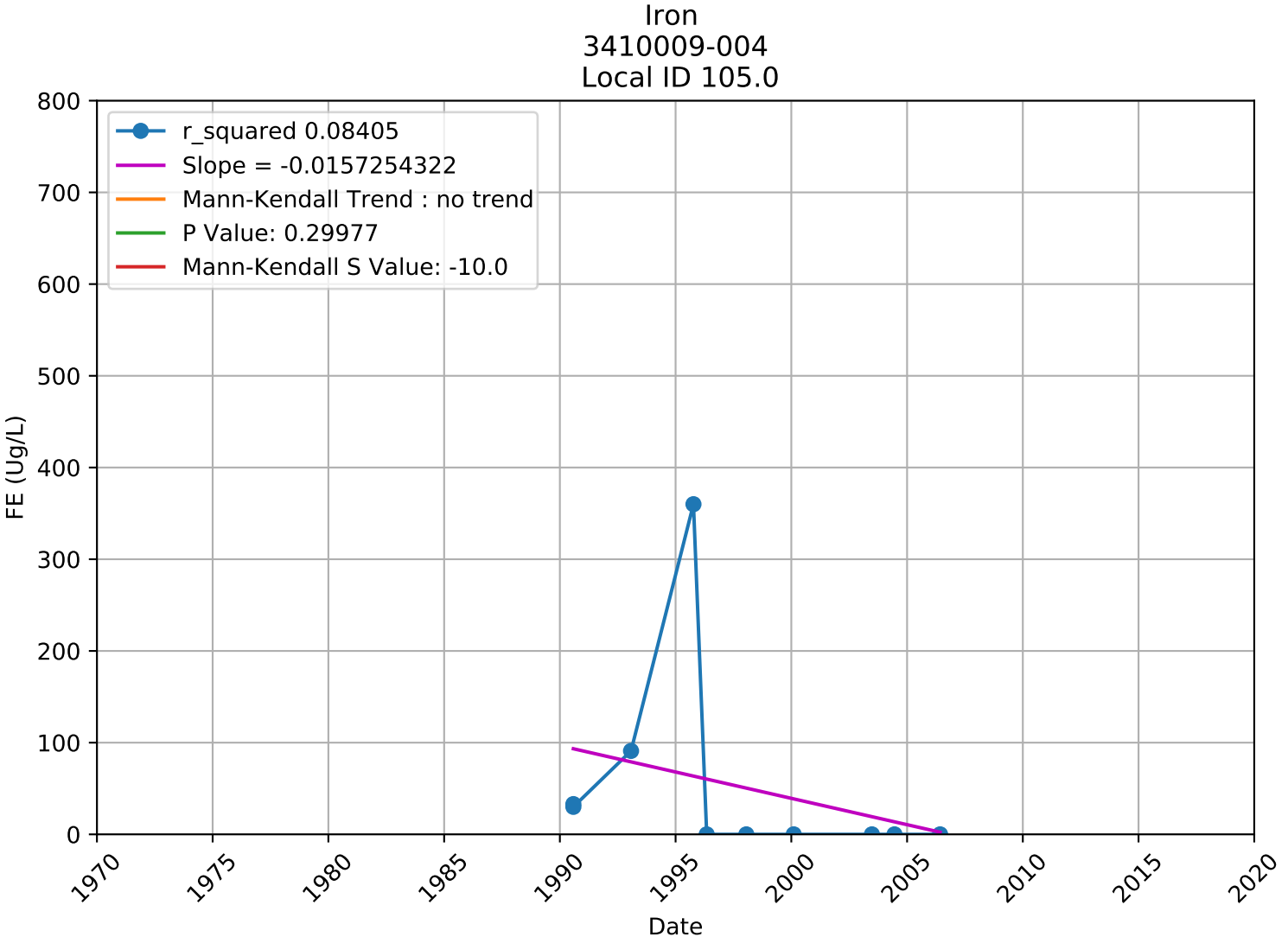

Iron
3410007-006
Local ID 142.0
r_squared 0.06863
Slope = -0.0202042567
Mann-Kendall Trend : decreasing
P Value: 0.01227
Mann-Kendall S Value: -29.0
FE (Ug/L)
Date
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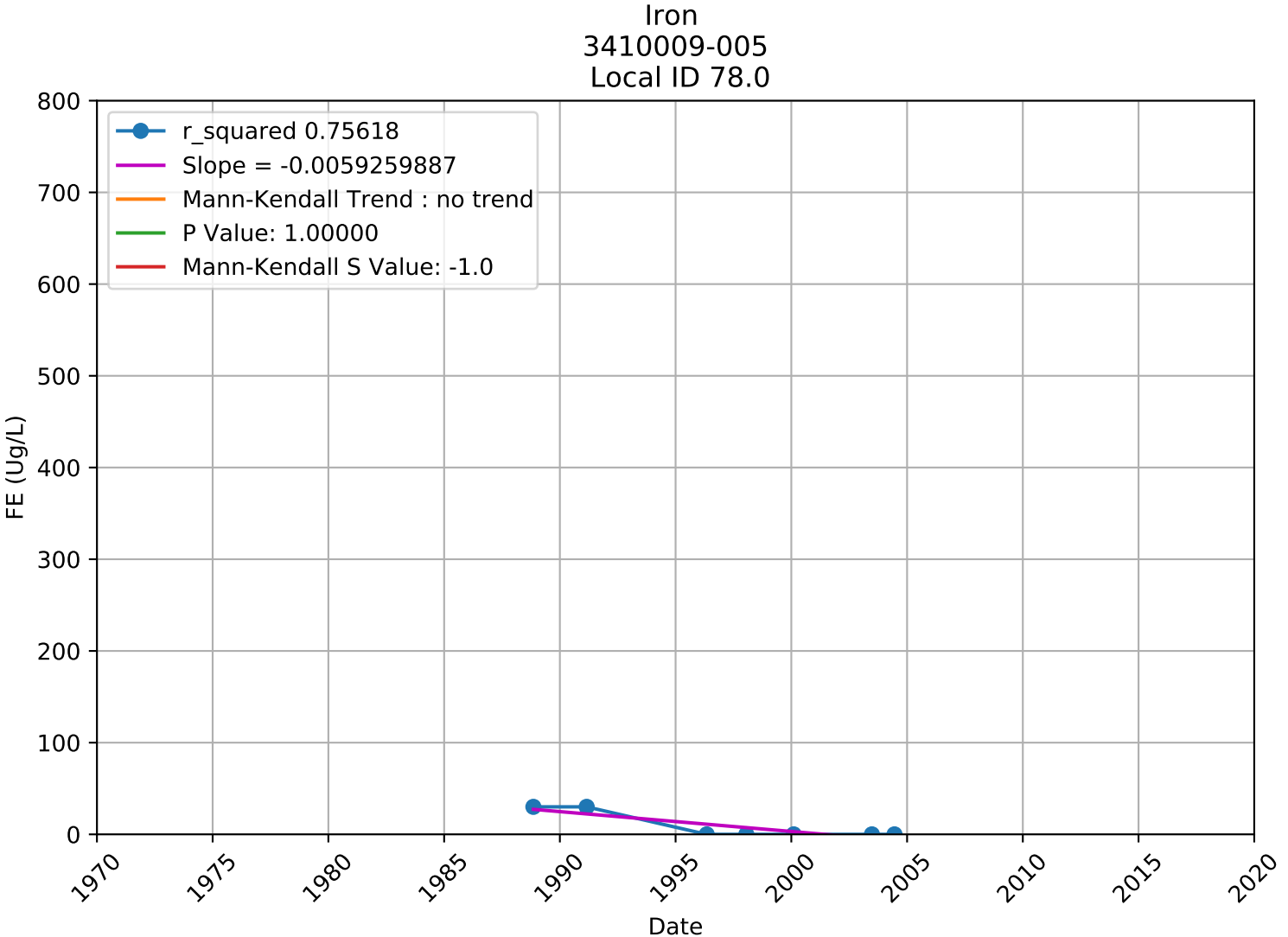

Iron
3410007-007
Local ID 195.0
r_squared 0.00764
Slope = 0.0035241334
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
FE (Ug/L)
Date
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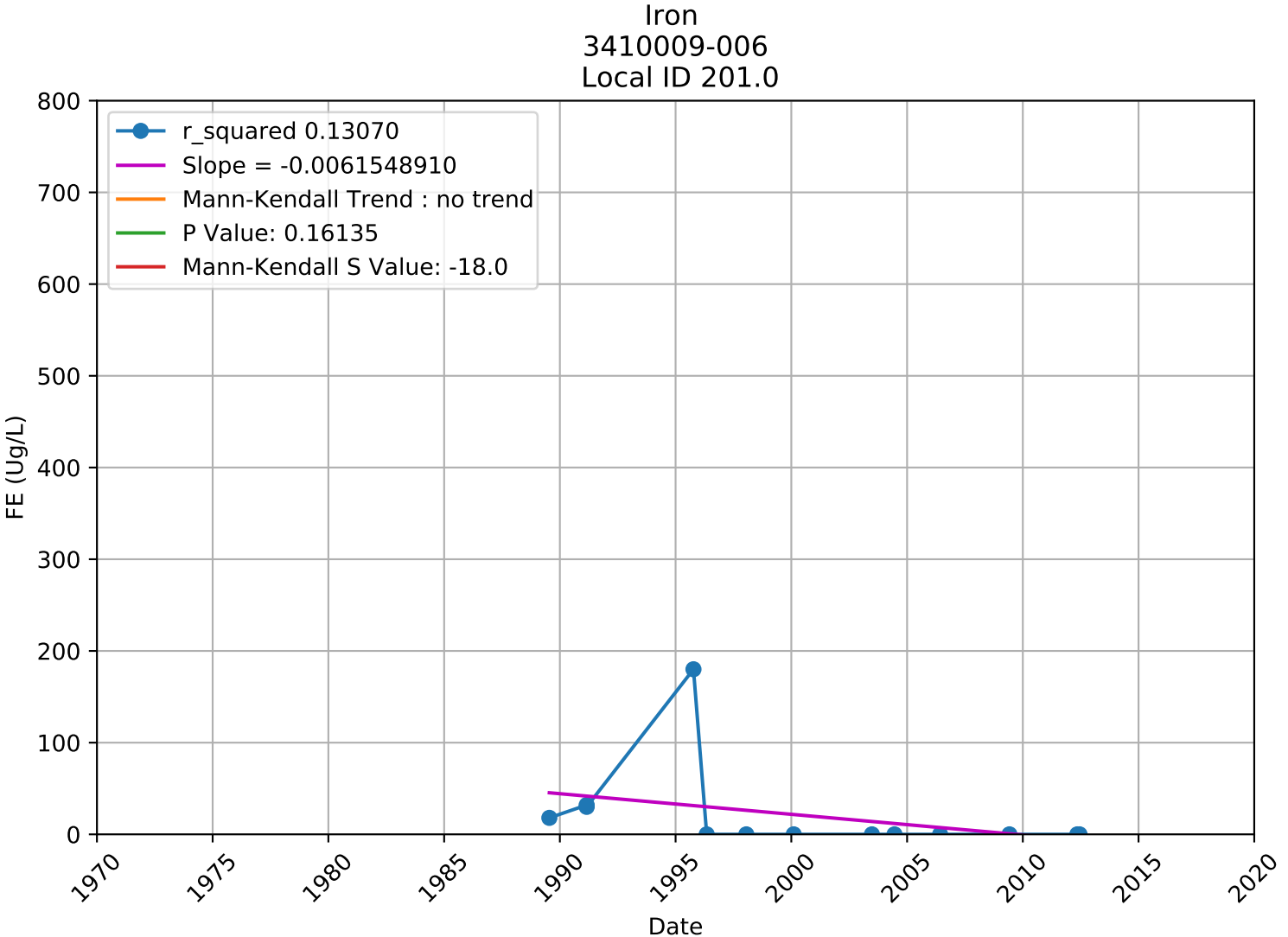

Iron
3410007-008
Local ID 253.0
r_squared 0.24748
Slope = 0.0098364290
Mann-Kendall Trend : increasing
P Value: 0.03154
Mann-Kendall S Value: 16.0
FE (Ug/L)
Date
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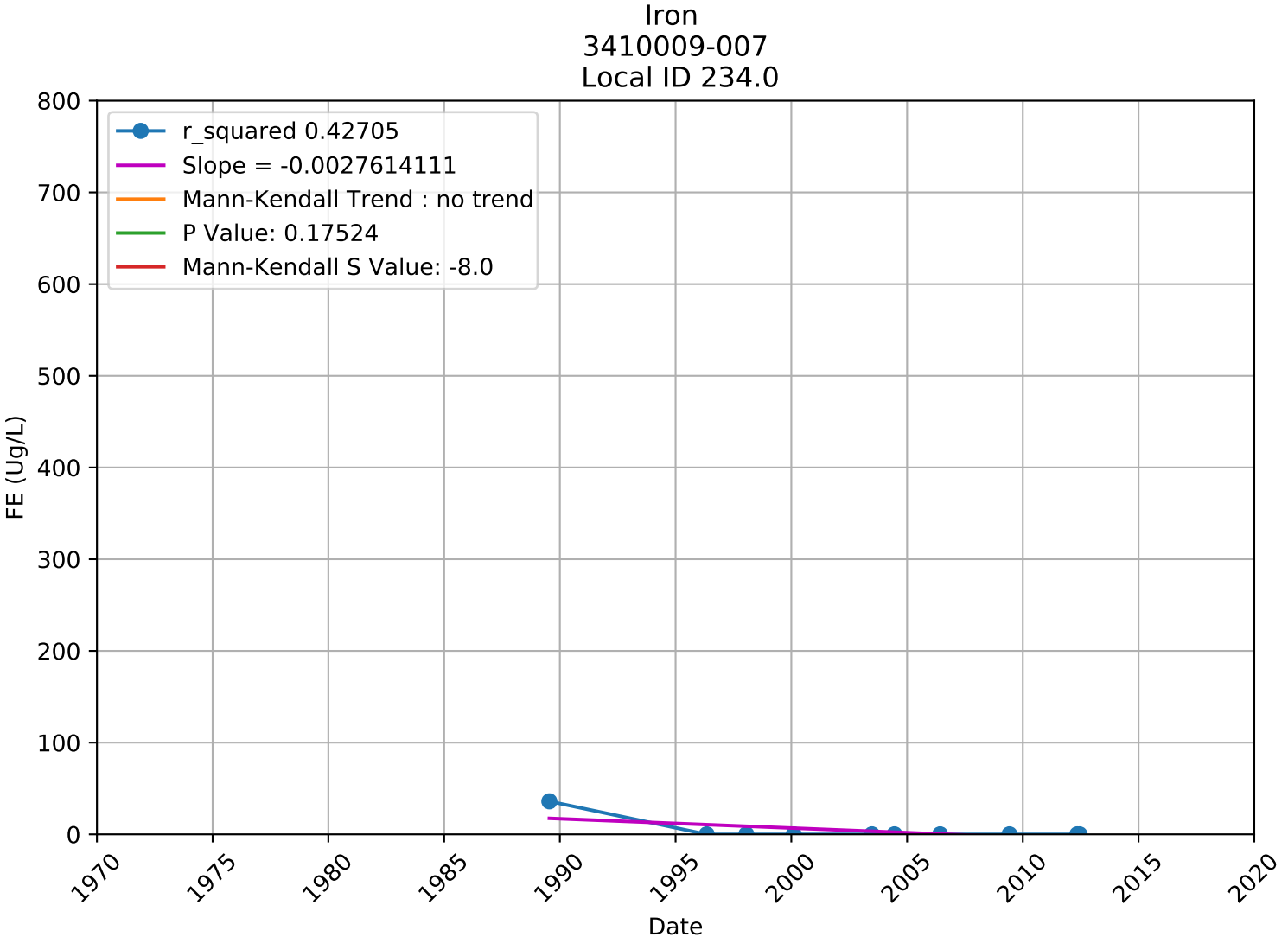

Iron
3410009-001
Local ID 166.0
r_squared 0.54726
Slope = -0.0192449045
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
FE (Ug/L)
Date
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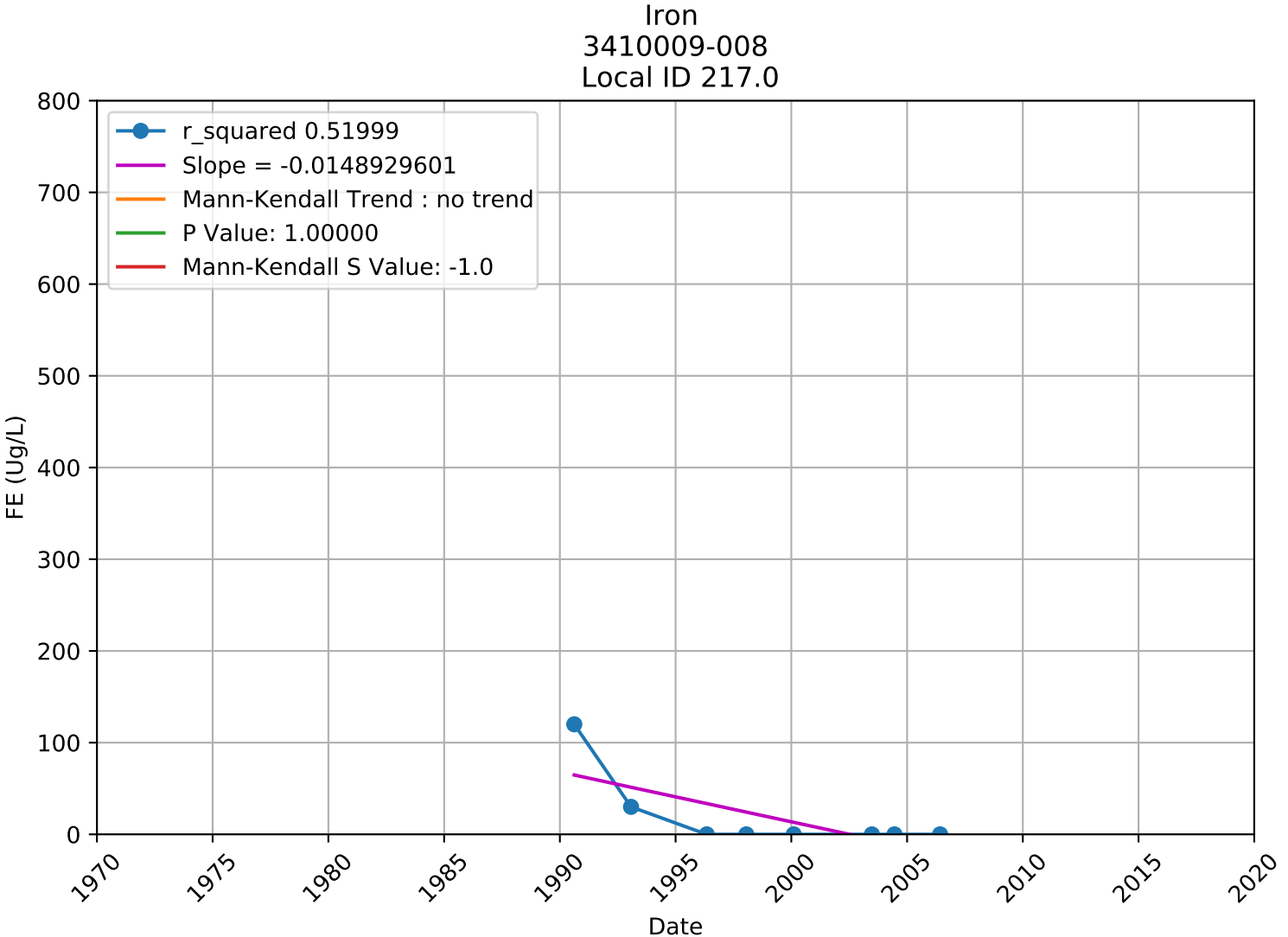

Iron
3410009-003
Local ID 100.0
r_squared 0.89140
Slope = -0.0089723178
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
FE (Ug/L)
Date
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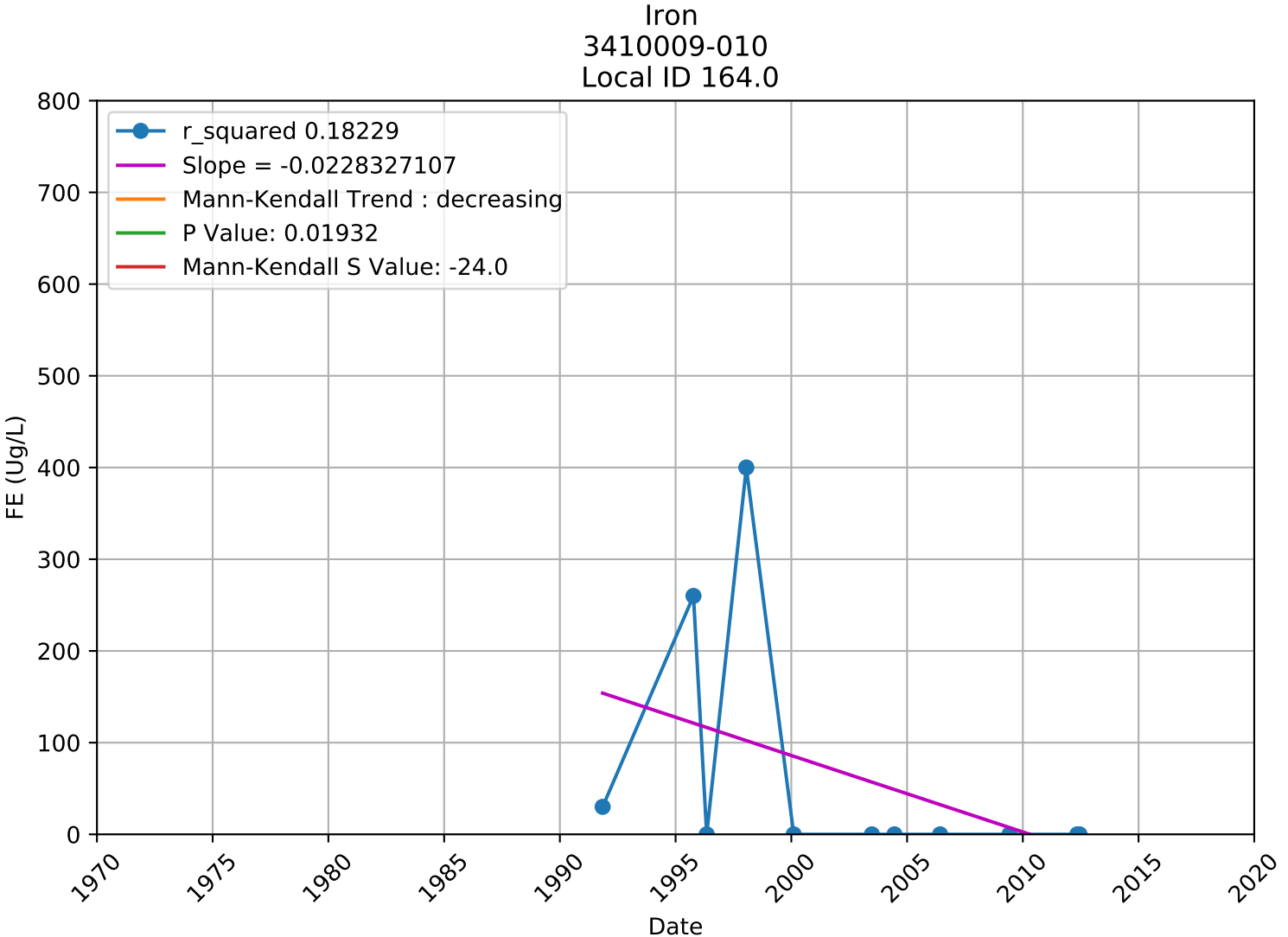

Iron
3410009-004
Local ID 105.0
r_squared 0.08405
Slope = -0.0157254322
Mann-Kendall Trend : no trend
P Value: 0.29977
Mann-Kendall S Value: -10.0
FE (Ug/L)
Date
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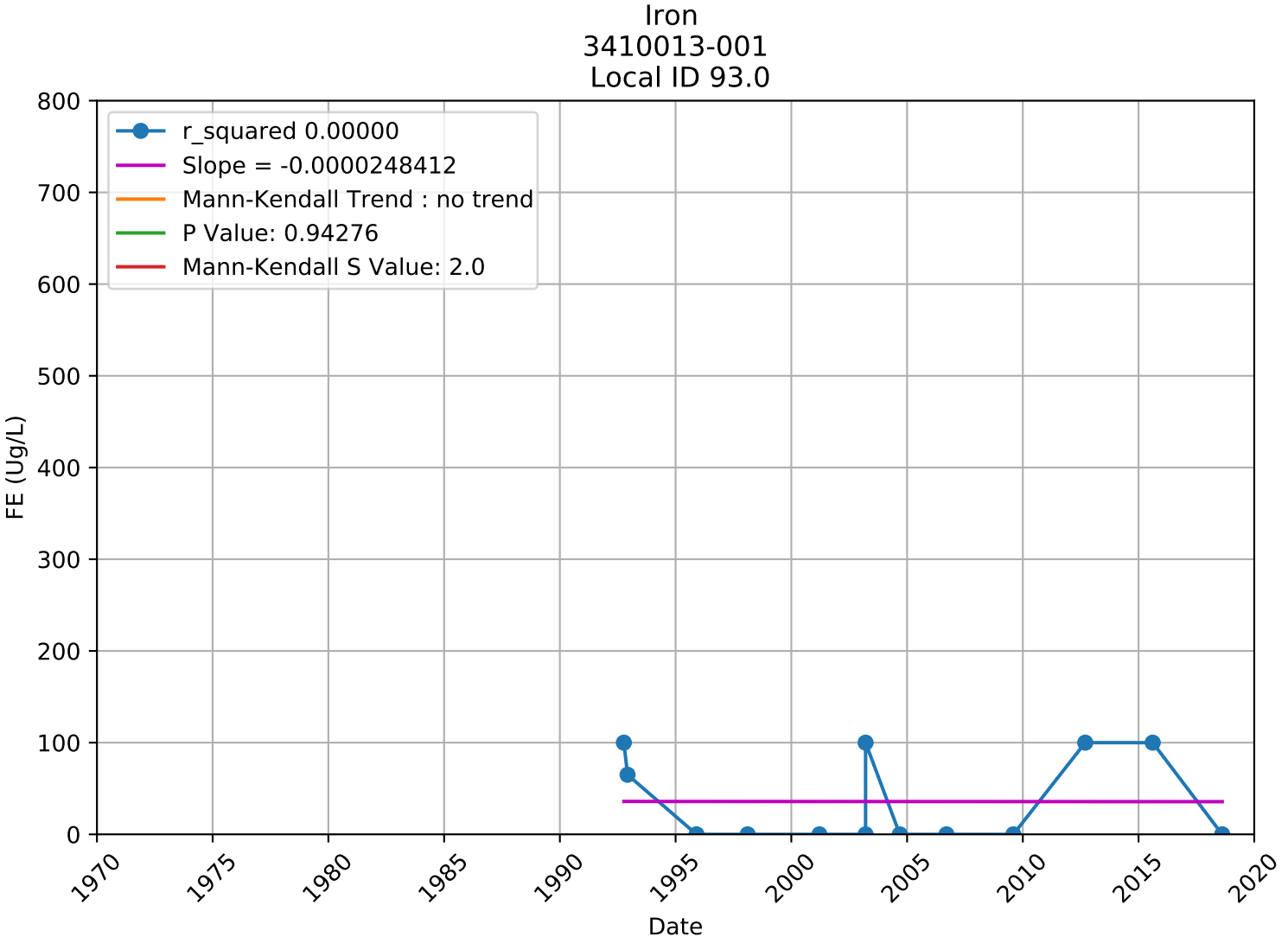

Iron
3410009-005
Local ID 78.0
r_squared 0.75618
Slope = -0.0059259887
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
FE (Ug/L)
Date
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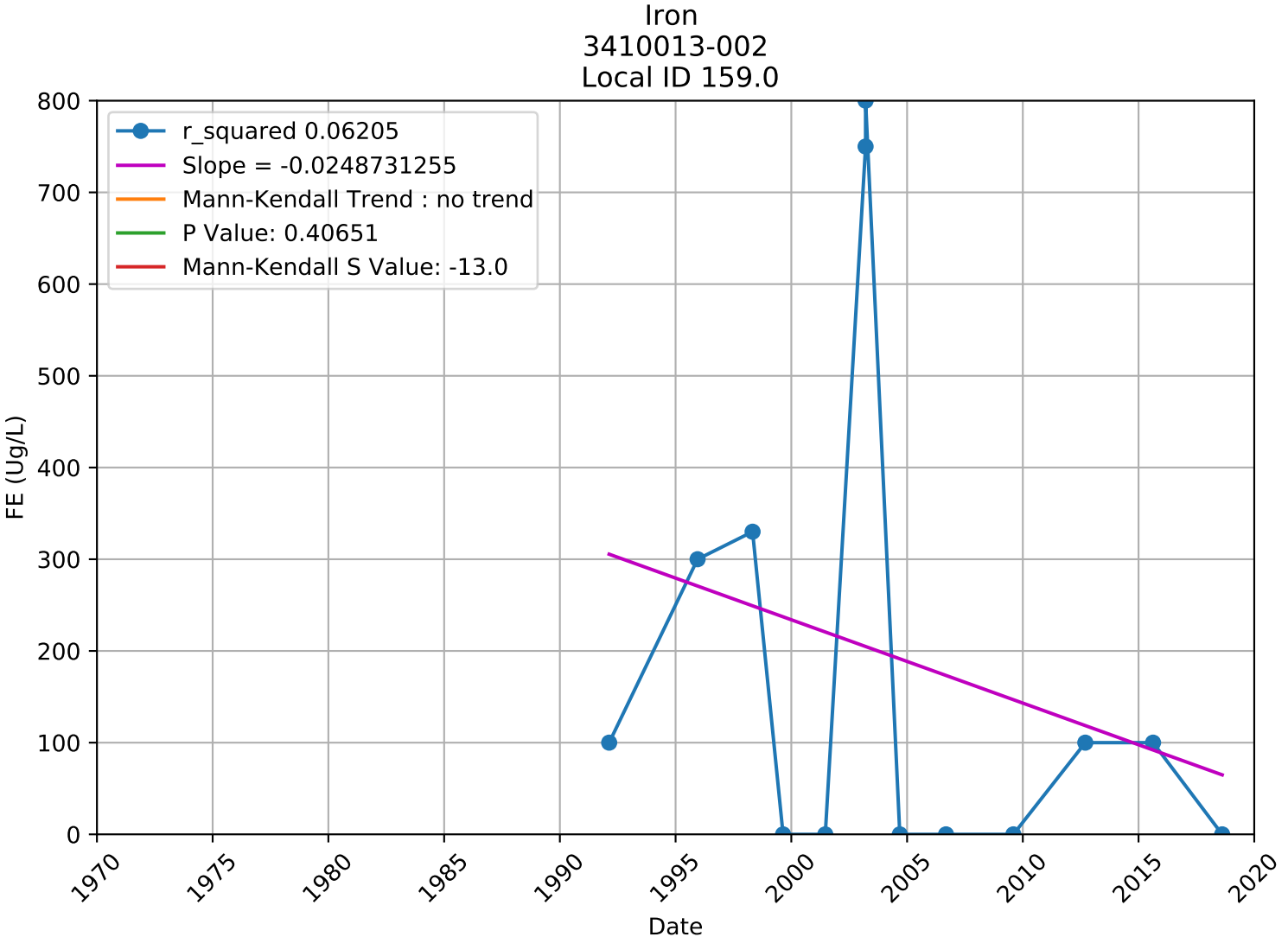

Iron
3410009-006
Local ID 201.0
r_squared 0.13070
Slope = -0.0061548910
Mann-Kendall Trend : no trend
P Value: 0.16135
Mann-Kendall S Value: -18.0
FE (Ug/L)
Date
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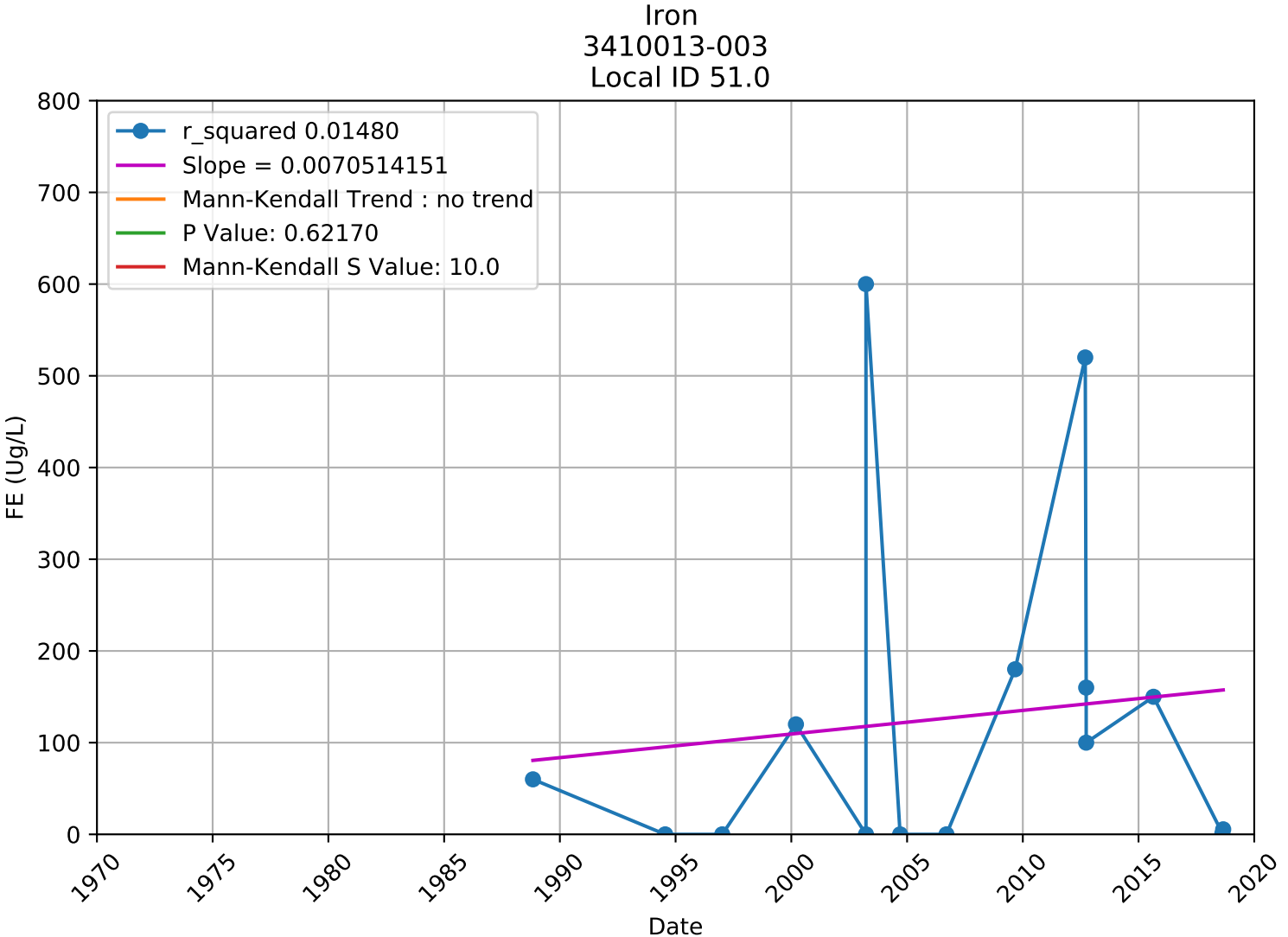

Iron
3410009-007
Local ID 234.0
r_squared 0.42705
Slope = -0.0027614111
Mann-Kendall Trend : no trend
P Value: 0.17524
Mann-Kendall S Value: -8.0
FE (Ug/L)
Date
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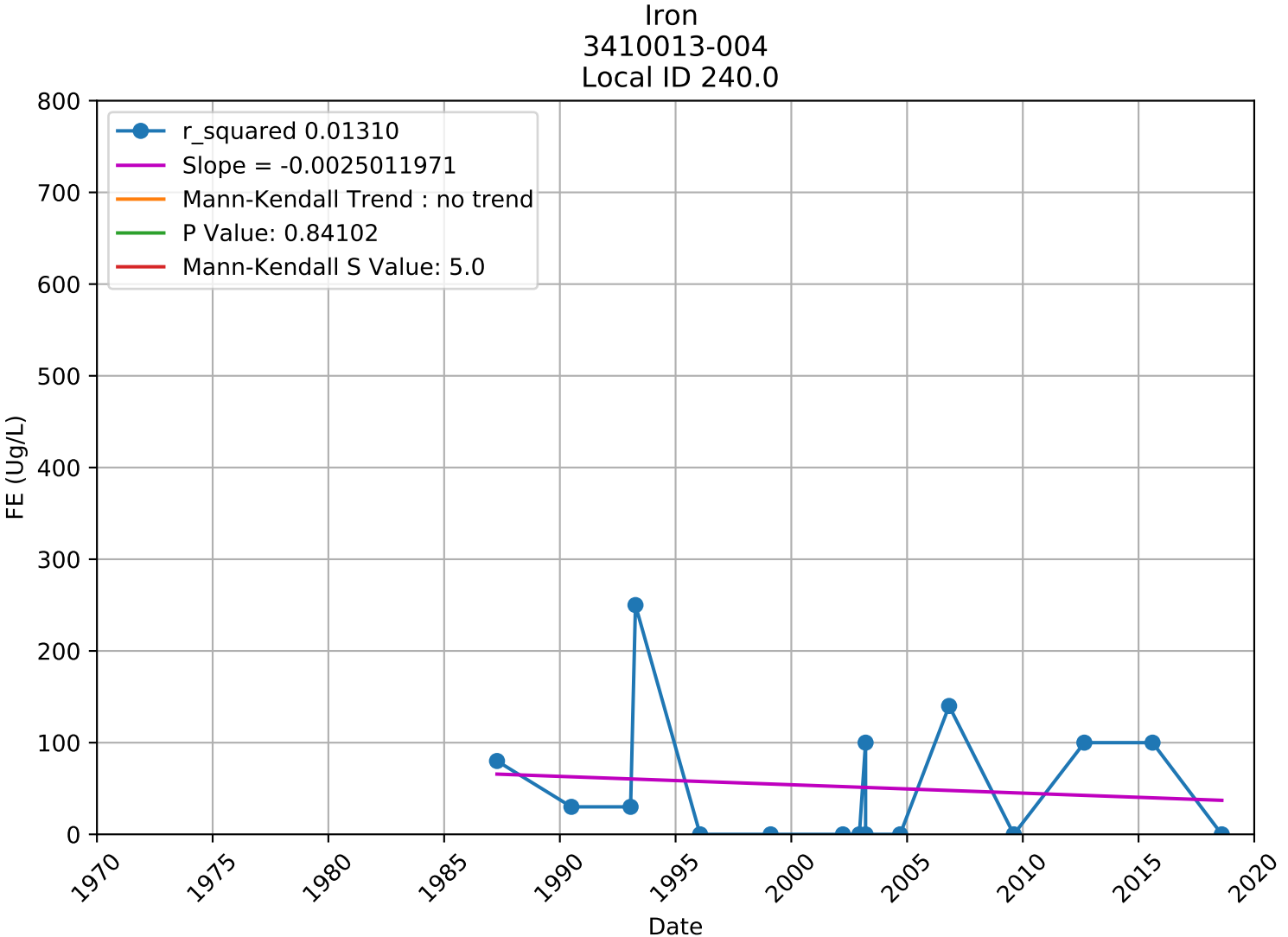

Iron
3410009-008
Local ID 217.0
r_squared 0.51999
Slope = -0.0148929601
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
FE (Ug/L)
Date
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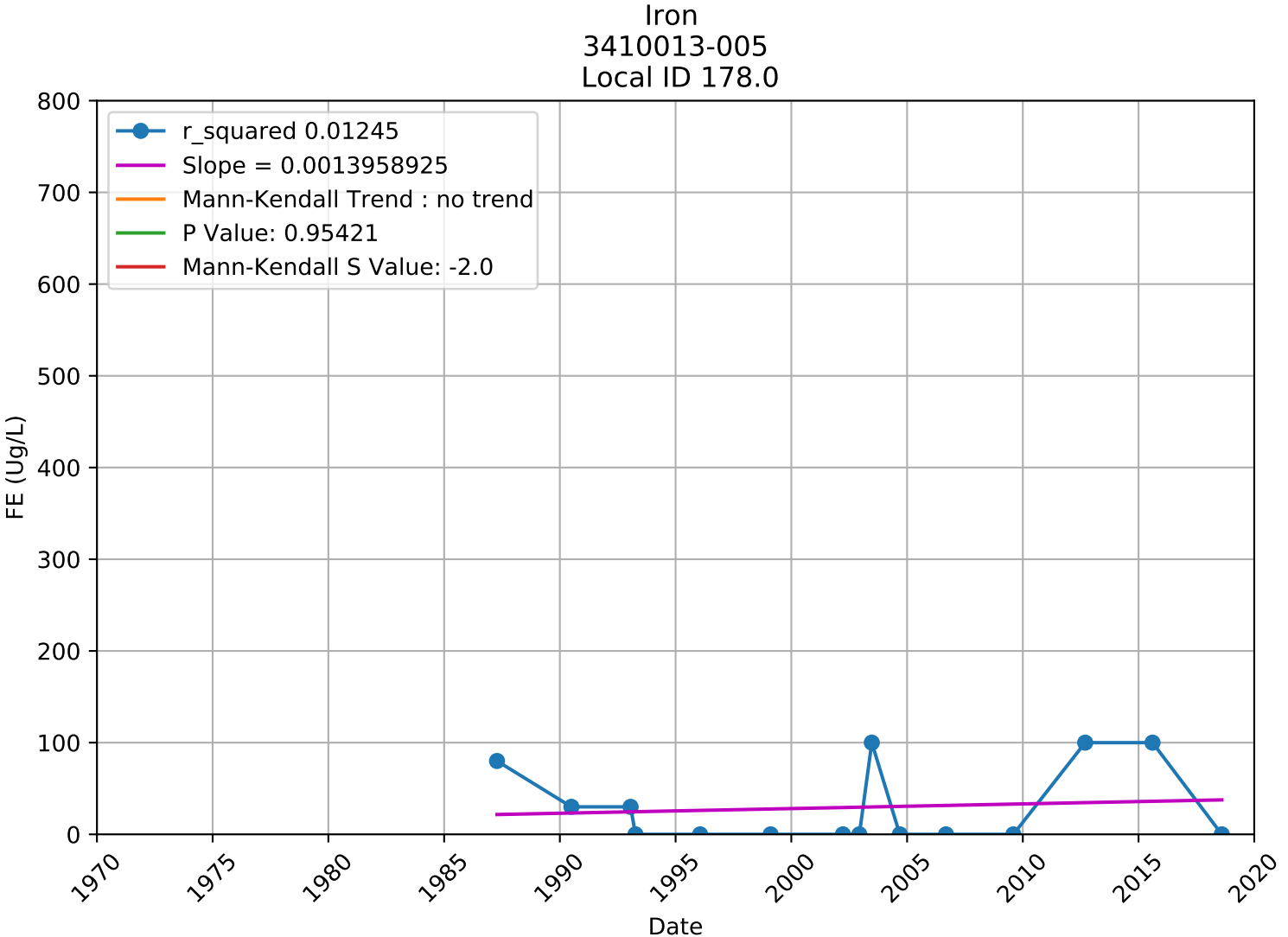

Iron
3410009-010
Local ID 164.0
r_squared 0.18229
Slope = -0.0228327107
Mann-Kendall Trend : decreasing
P Value: 0.01932
Mann-Kendall S Value: -24.0
FE (Ug/L)
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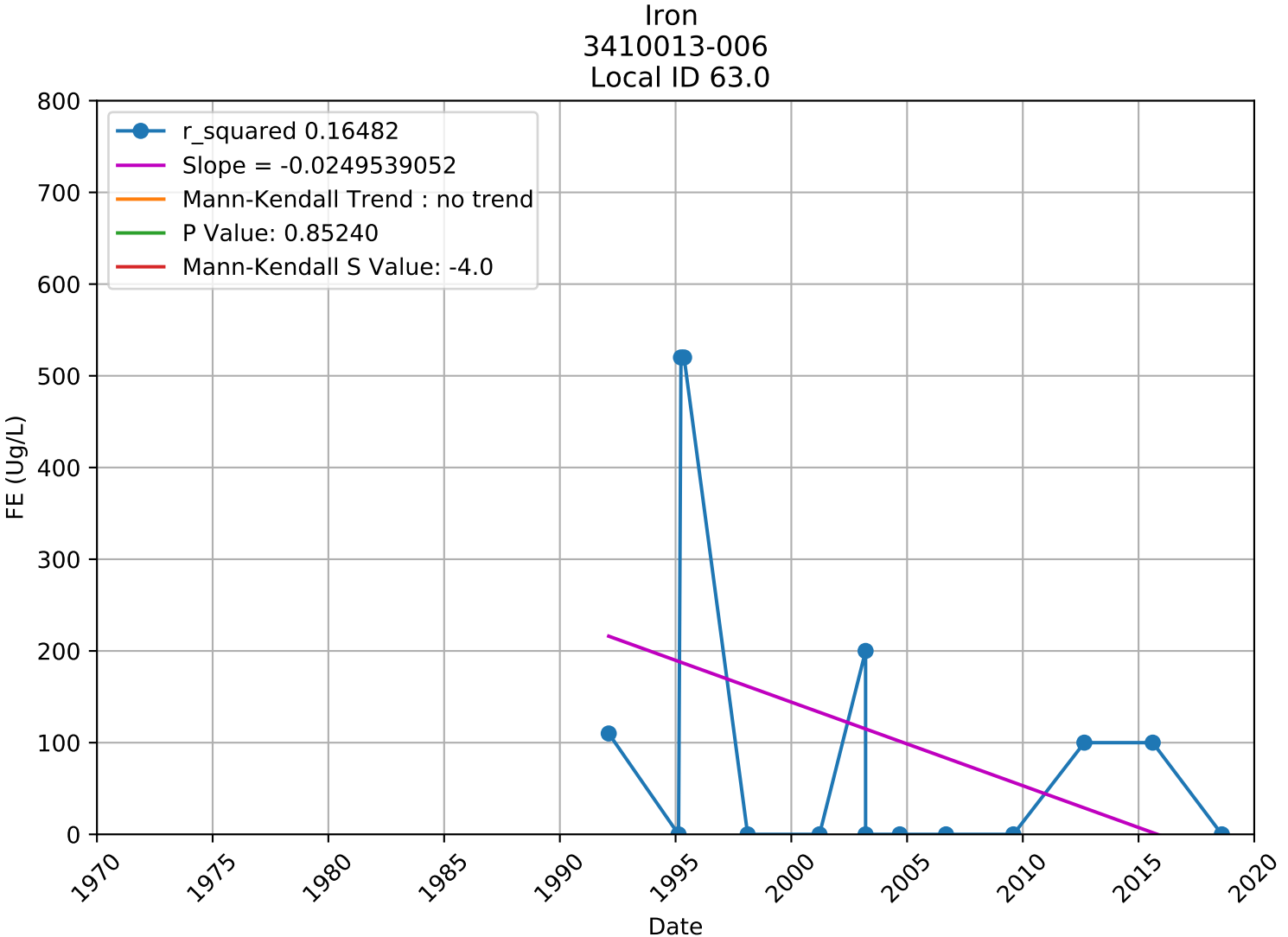

Iron
3410013-001
Local ID 93.0
r_squared 0.00000
Slope = -0.0000248412
Mann-Kendall Trend : no trend
P Value: 0.94276
Mann-Kendall S Value: 2.0
FE (Ug/L)
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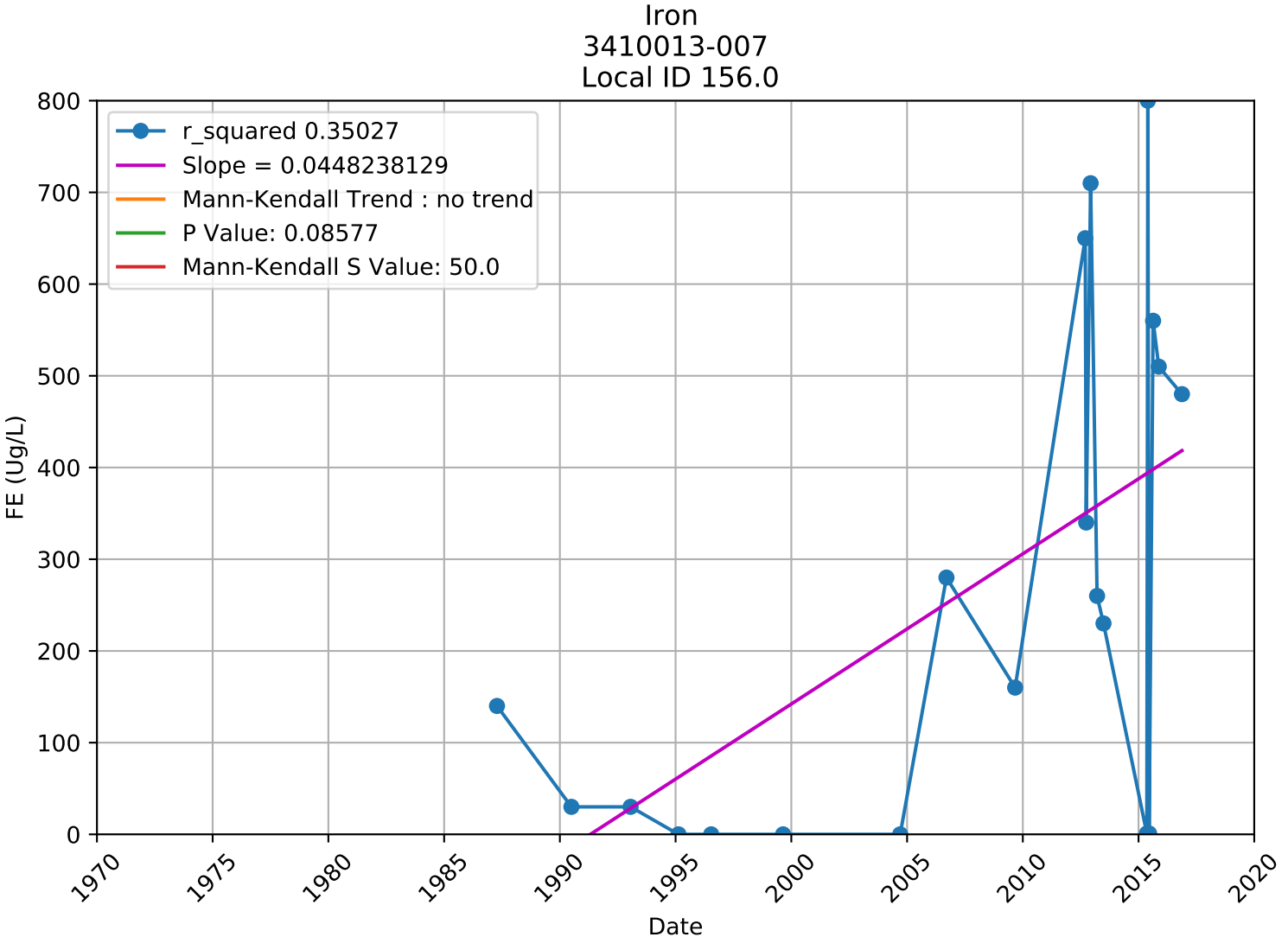

Iron
3410013-002
Local ID 159.0
r_squared 0.06205
Slope = -0.0248731255
Mann-Kendall Trend : no trend
P Value: 0.40651
Mann-Kendall S Value: -13.0
FE (Ug/L)
Date
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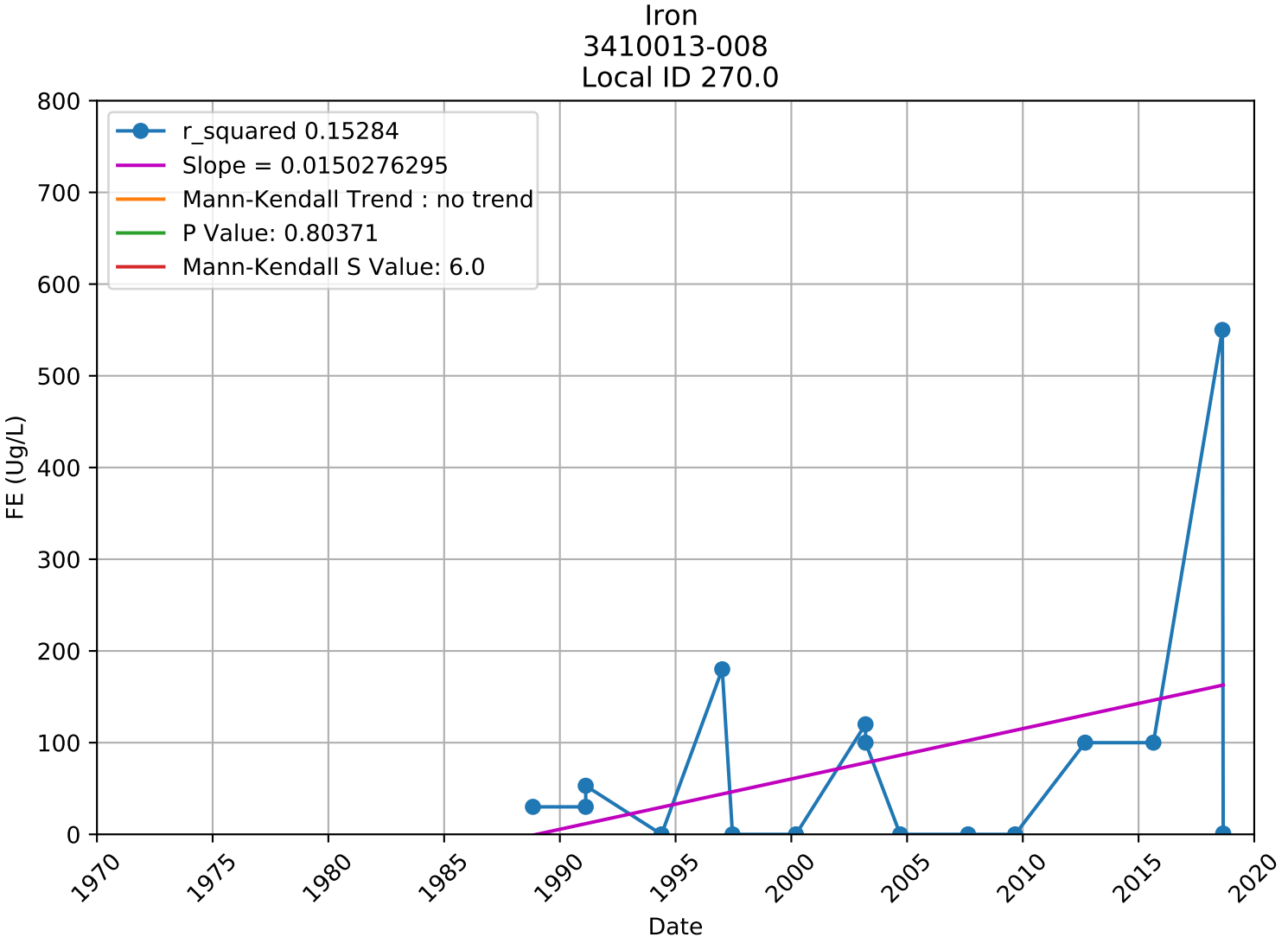

Iron
3410013-003
Local ID 51.0
r_squared 0.01480
Slope = 0.0070514151
Mann-Kendall Trend : no trend
P Value: 0.62170
Mann-Kendall S Value: 10.0
FE (Ug/L)
Date
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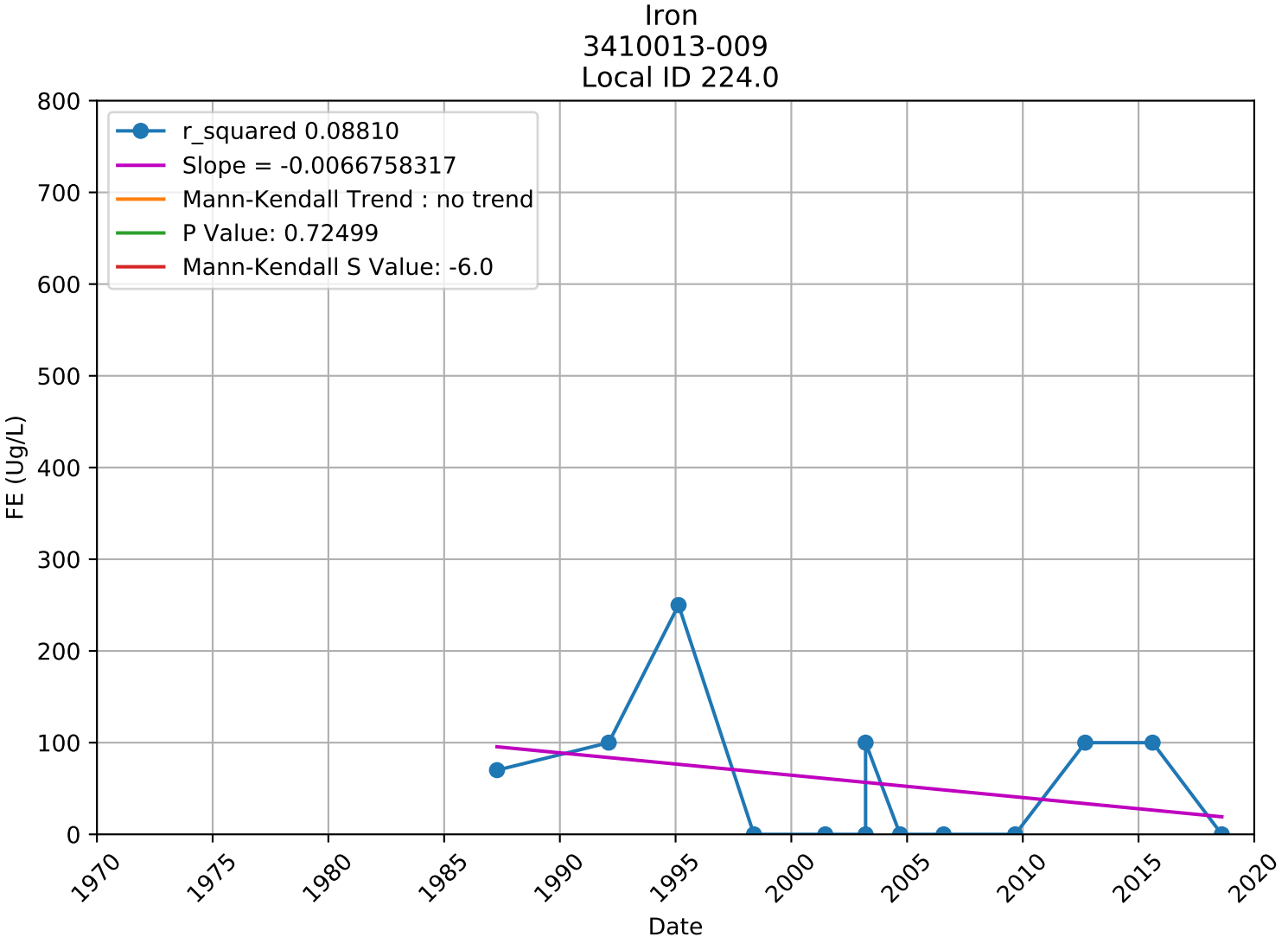

Iron
3410013-004
Local ID 240.0
r_squared 0.01310
Slope = -0.0025011971
Mann-Kendall Trend : no trend
P Value: 0.84102
Mann-Kendall S Value: 5.0
FE (Ug/L)
Date
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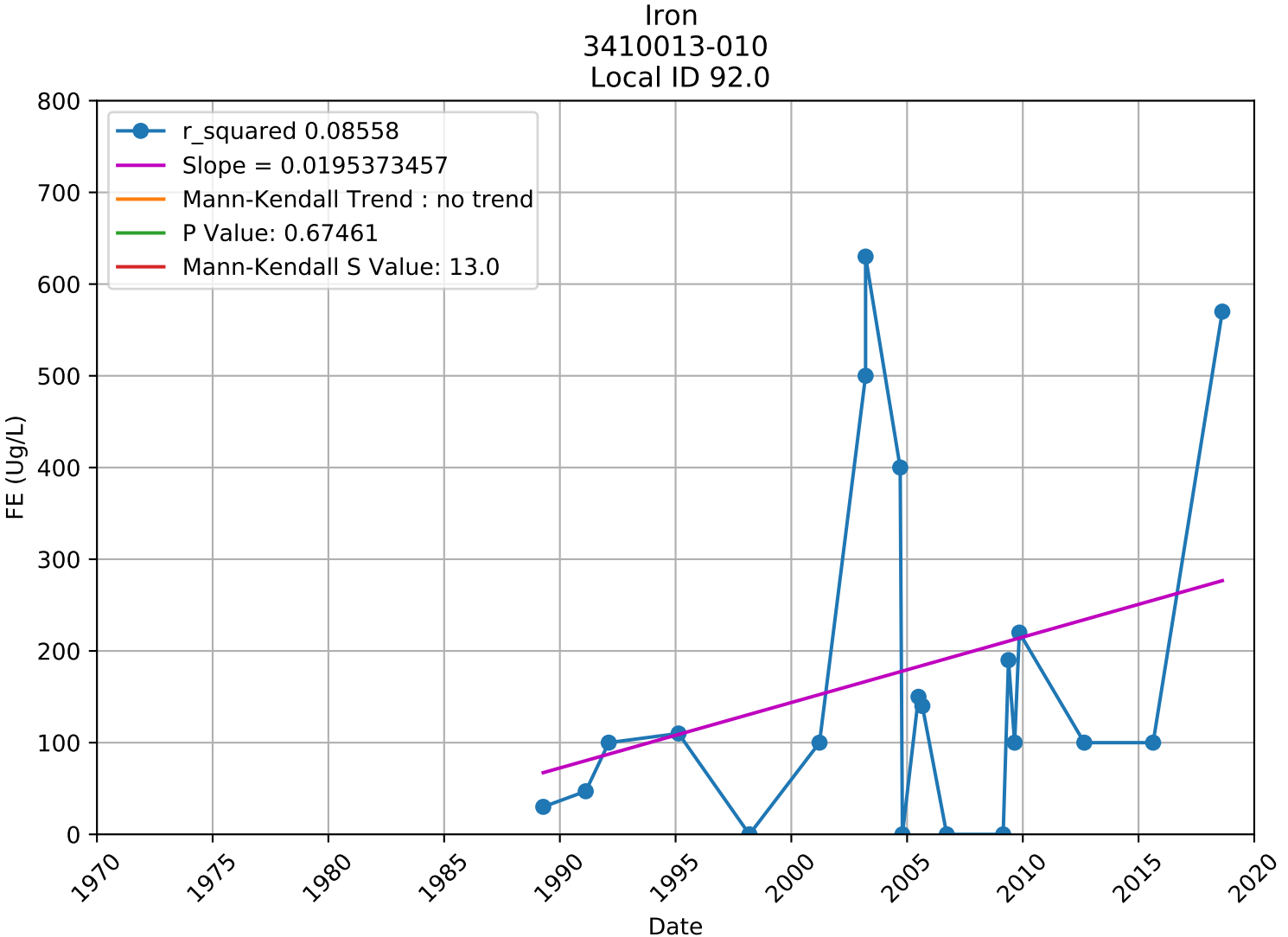

Iron
3410013-005
Local ID 178.0
r_squared 0.01245
Slope = 0.0013958925
Mann-Kendall Trend : no trend
P Value: 0.95421
Mann-Kendall S Value: -2.0
FE (Ug/L)
Date
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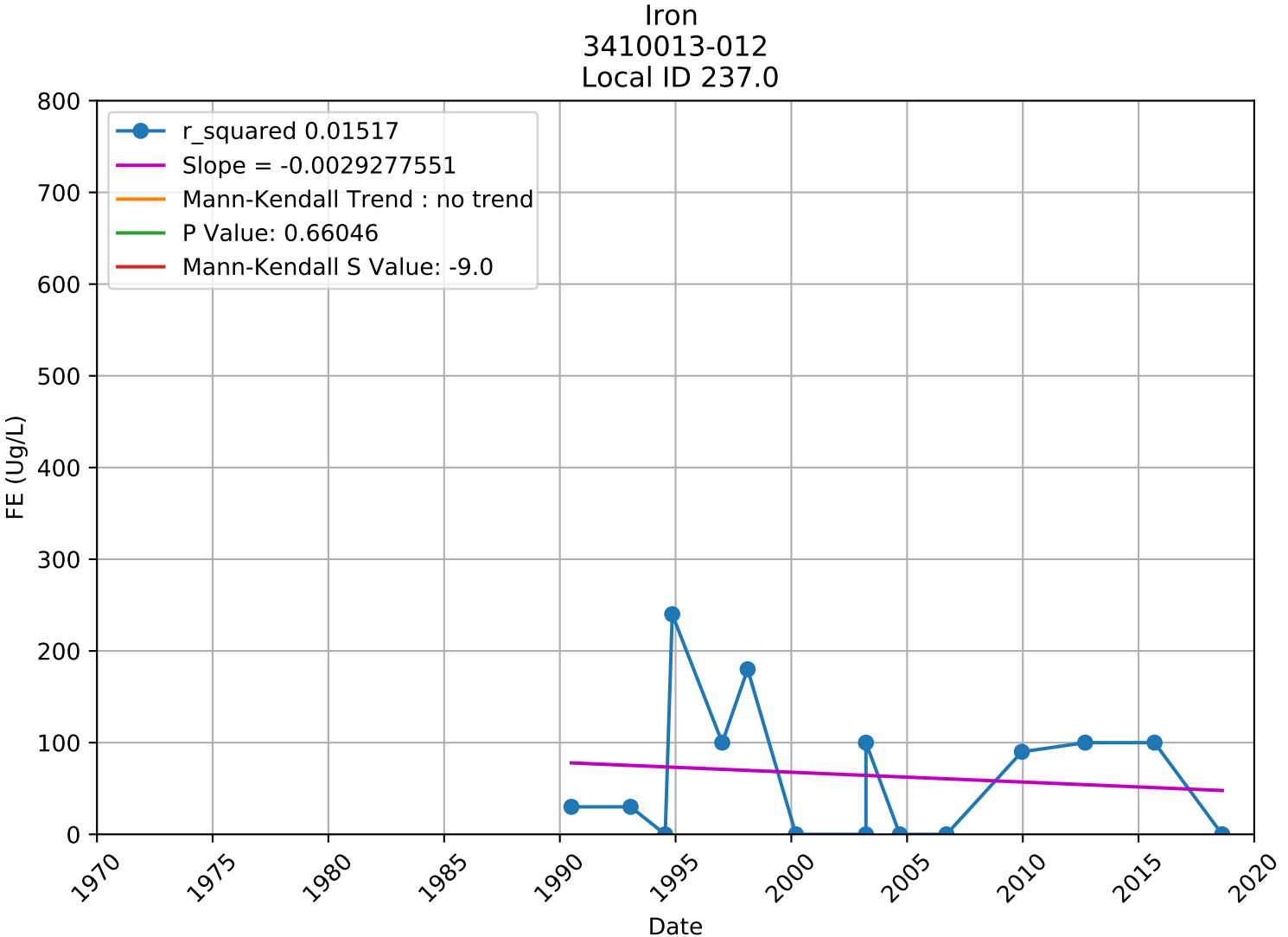

Iron
3410013-006
Local ID 63.0
r_squared 0.16482
Slope = -0.0249539052
Mann-Kendall Trend : no trend
P Value: 0.85240
Mann-Kendall S Value: -4.0
FE (Ug/L)
Date
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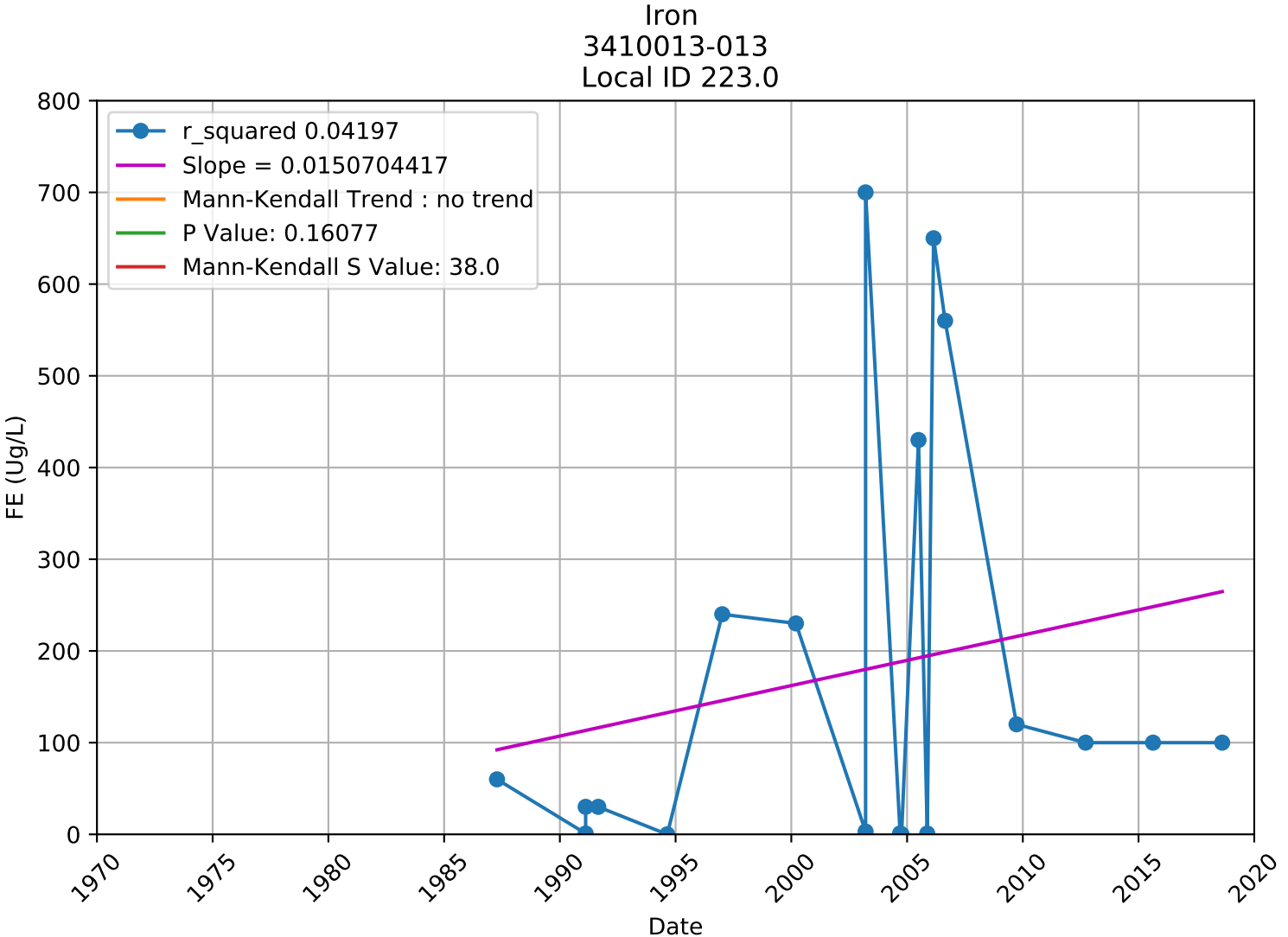

Iron
3410013-007
Local ID 156.0
r_squared 0.35027
Slope = 0.0448238129
Mann-Kendall Trend : no trend
P Value: 0.08577
Mann-Kendall S Value: 50.0
FE (Ug/L)
Date
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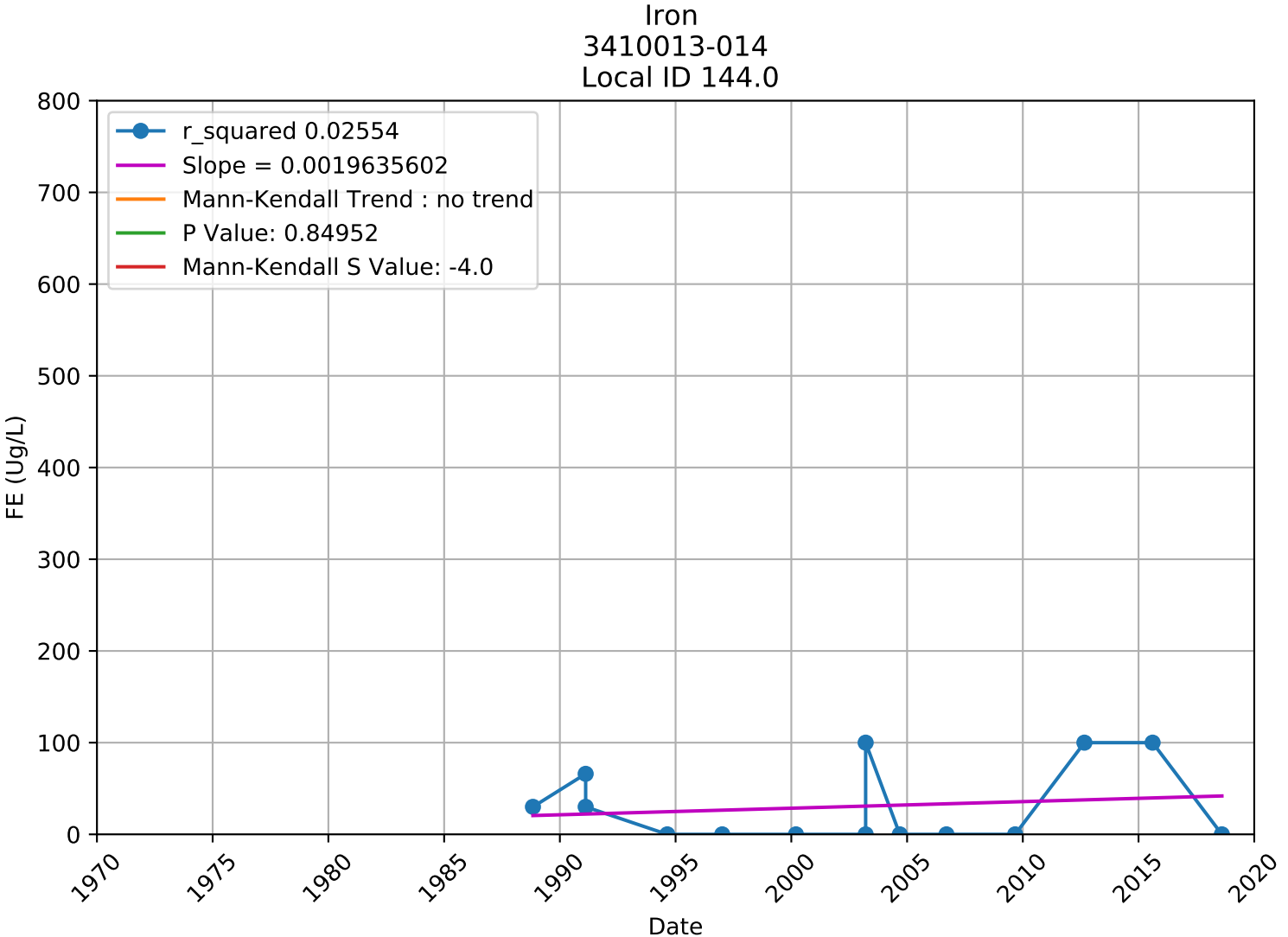

Iron
3410013-008
Local ID 270.0
r_squared 0.15284
Slope = 0.0150276295
Mann-Kendall Trend : no trend
P Value: 0.80371
Mann-Kendall S Value: 6.0
FE (Ug/L)
Date
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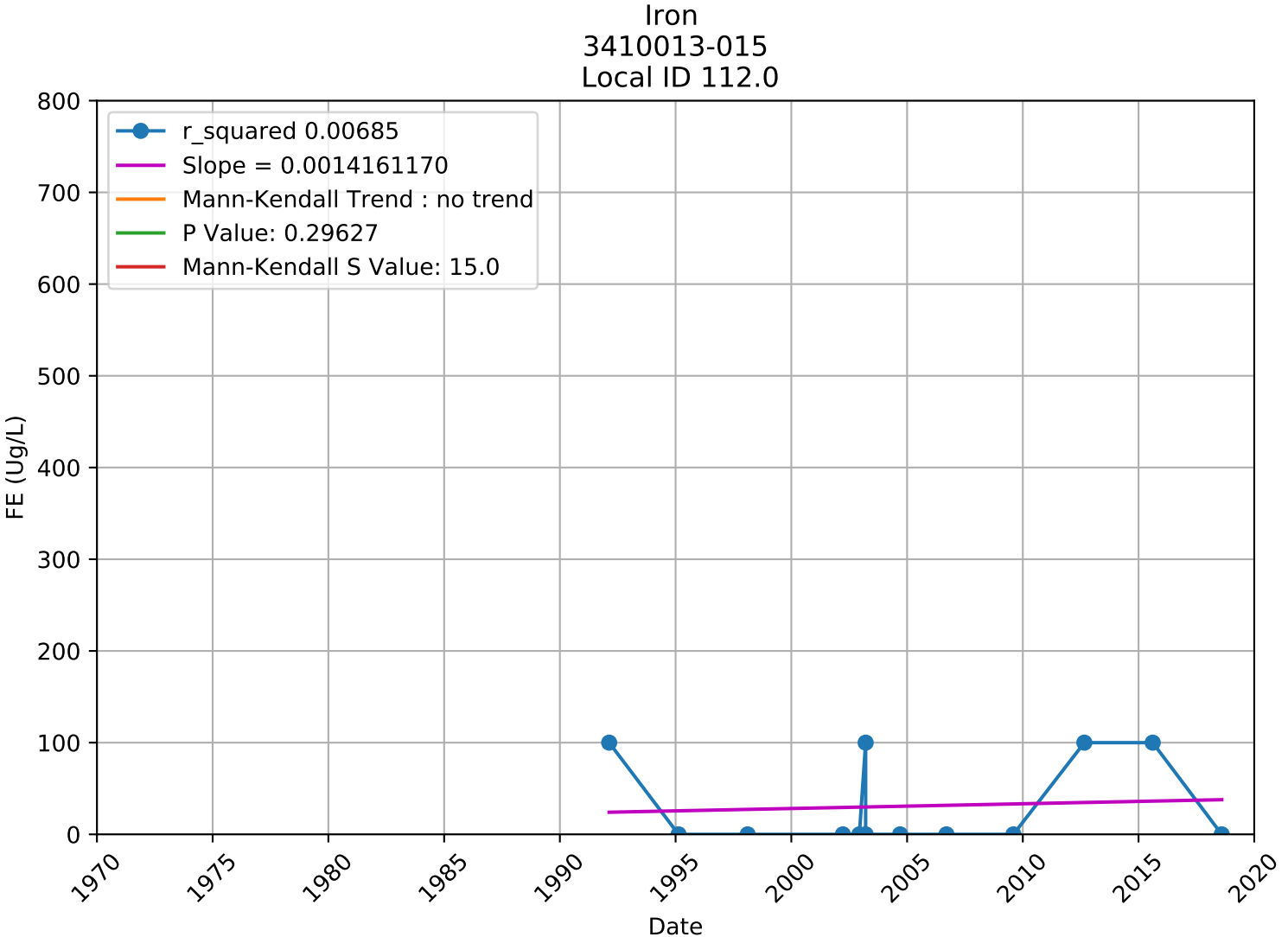

Iron
3410013-009
Local ID 224.0
r_squared 0.08810
Slope = -0.0066758317
Mann-Kendall Trend : no trend
P Value: 0.72499
Mann-Kendall S Value: -6.0
FE (Ug/L)
Date
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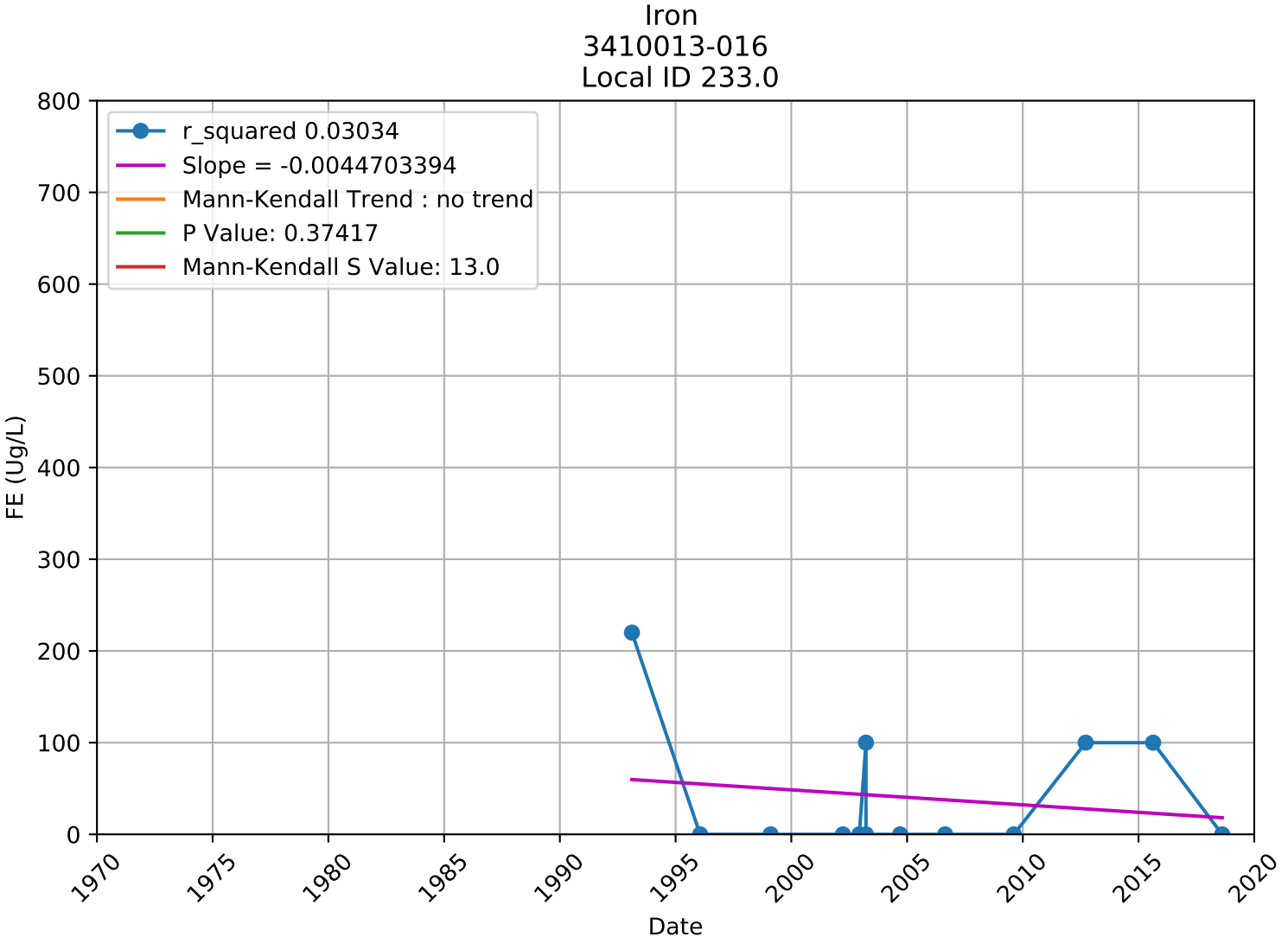

Iron
3410013-010
Local ID 92.0
r_squared 0.08558
Slope = 0.0195373457
Mann-Kendall Trend : no trend
P Value: 0.67461
Mann-Kendall S Value: 13.0
FE (Ug/L)
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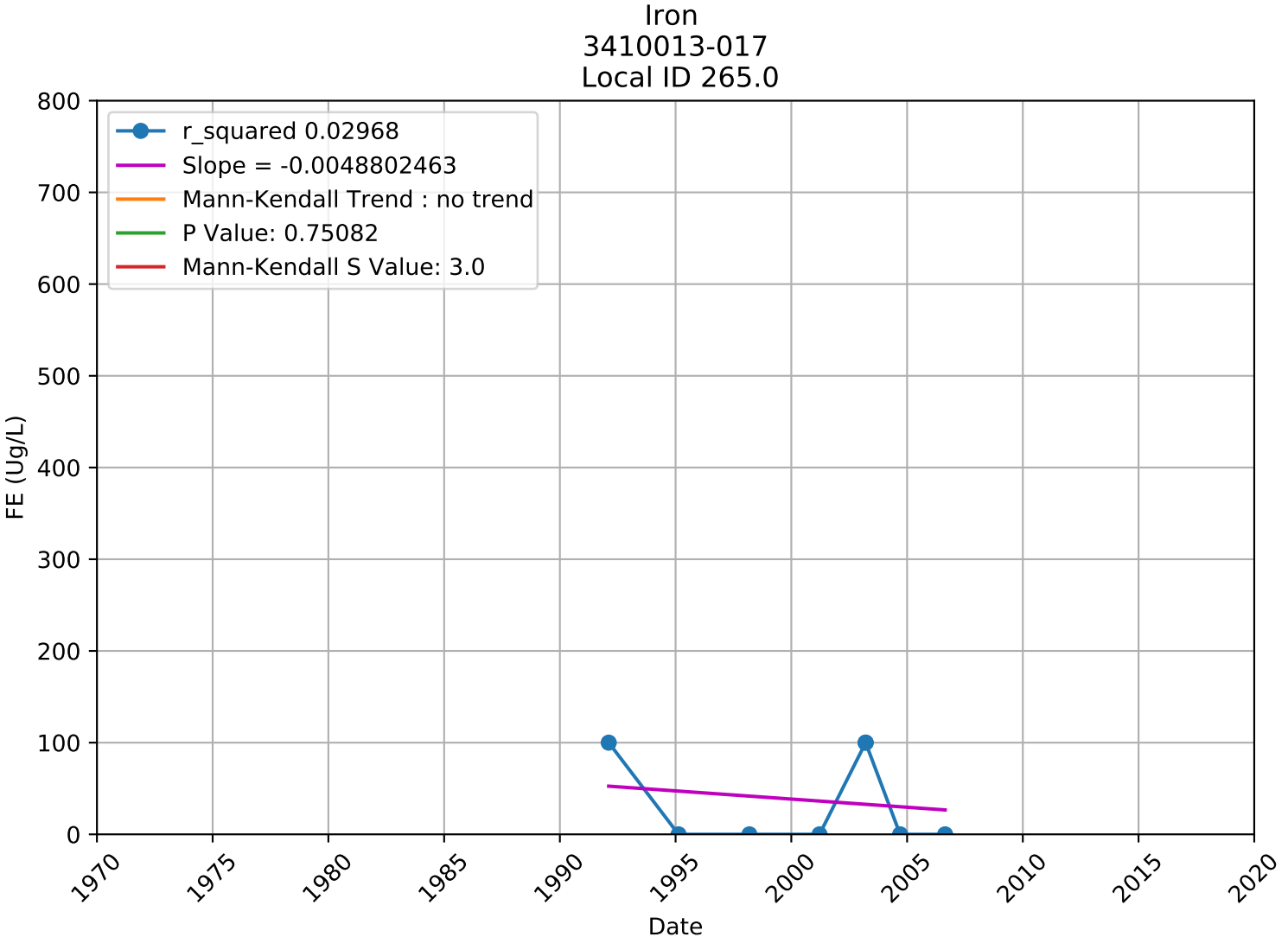

Iron
3410013-012
Local ID 237.0
r_squared 0.01517
Slope = -0.0029277551
Mann-Kendall Trend : no trend
P Value: 0.66046
Mann-Kendall S Value: -9.0
FE (Ug/L)
Date
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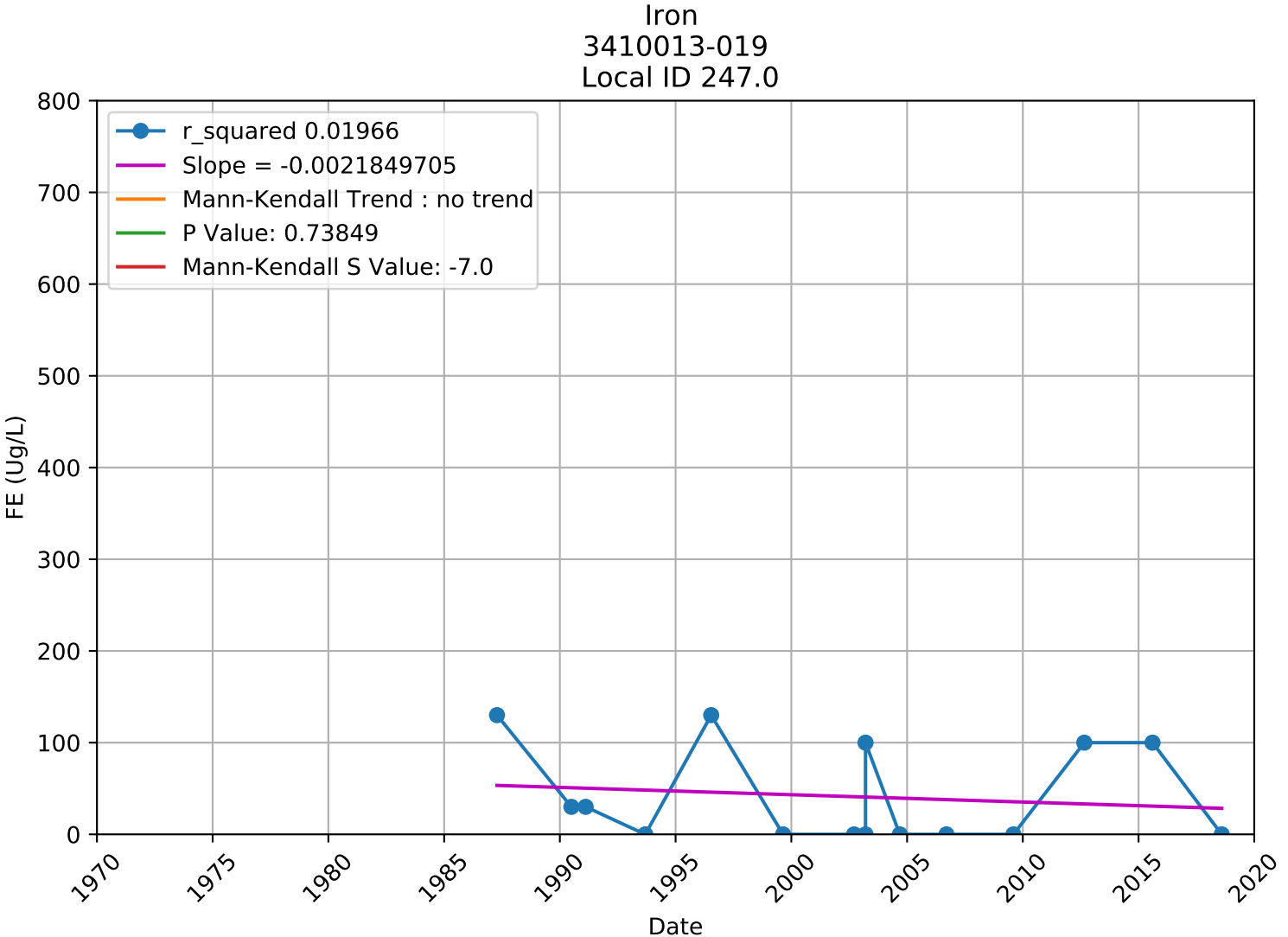

Iron
3410013-013
Local ID 223.0
r_squared 0.04197
Slope = 0.0150704417
Mann-Kendall Trend : no trend
P Value: 0.16077
Mann-Kendall S Value: 38.0
FE (Ug/L)
Date
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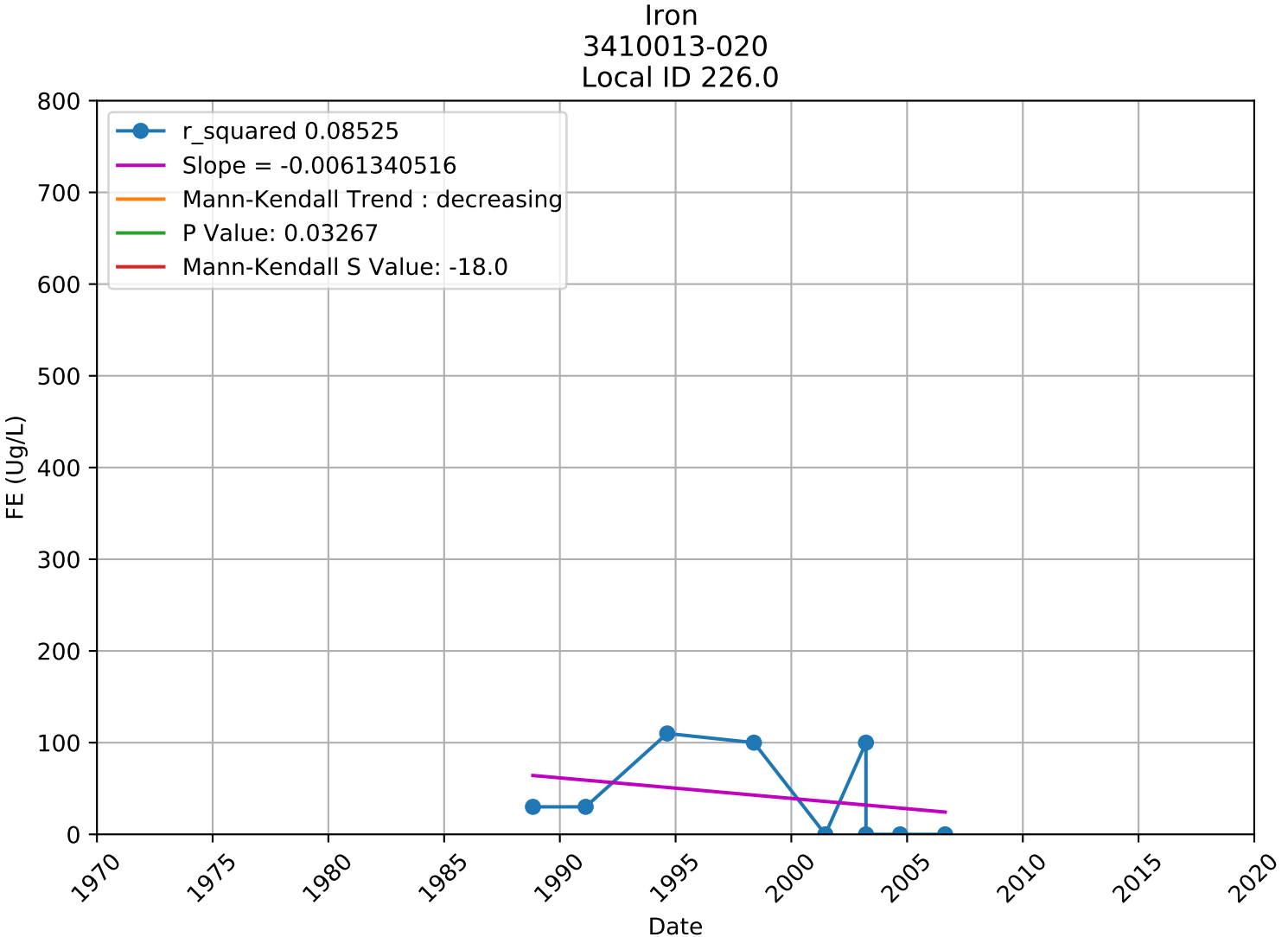

Iron
3410013-014
Local ID 144.0
r_squared 0.02554
Slope = 0.0019635602
Mann-Kendall Trend : no trend
P Value: 0.84952
Mann-Kendall S Value: -4.0
FE (Ug/L)
Date
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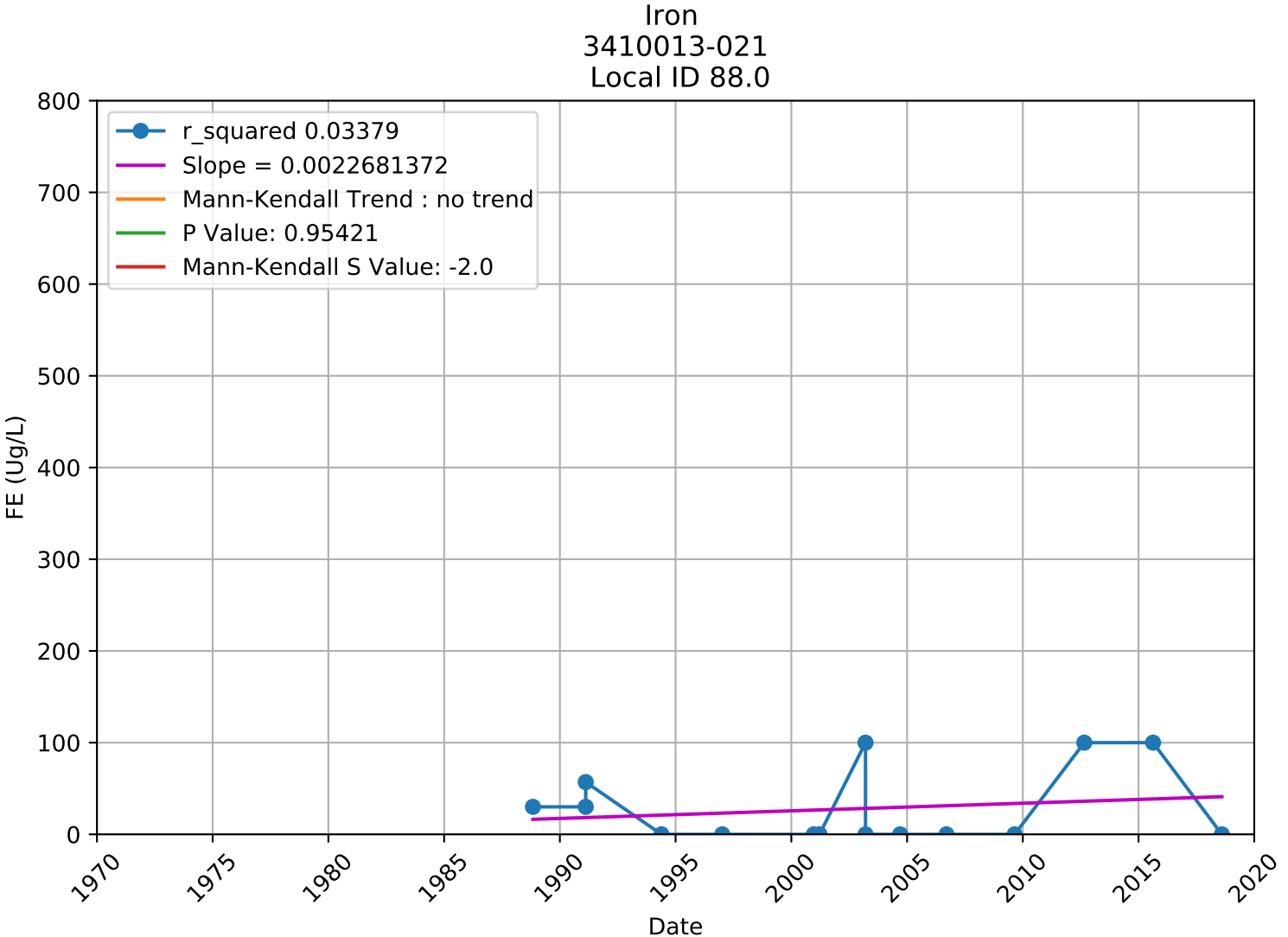

Iron
3410013-015
Local ID 112.0
r_squared 0.00685
Slope = 0.0014161170
Mann-Kendall Trend : no trend
P Value: 0.29627
Mann-Kendall S Value: 15.0
FE (Ug/L)
Date
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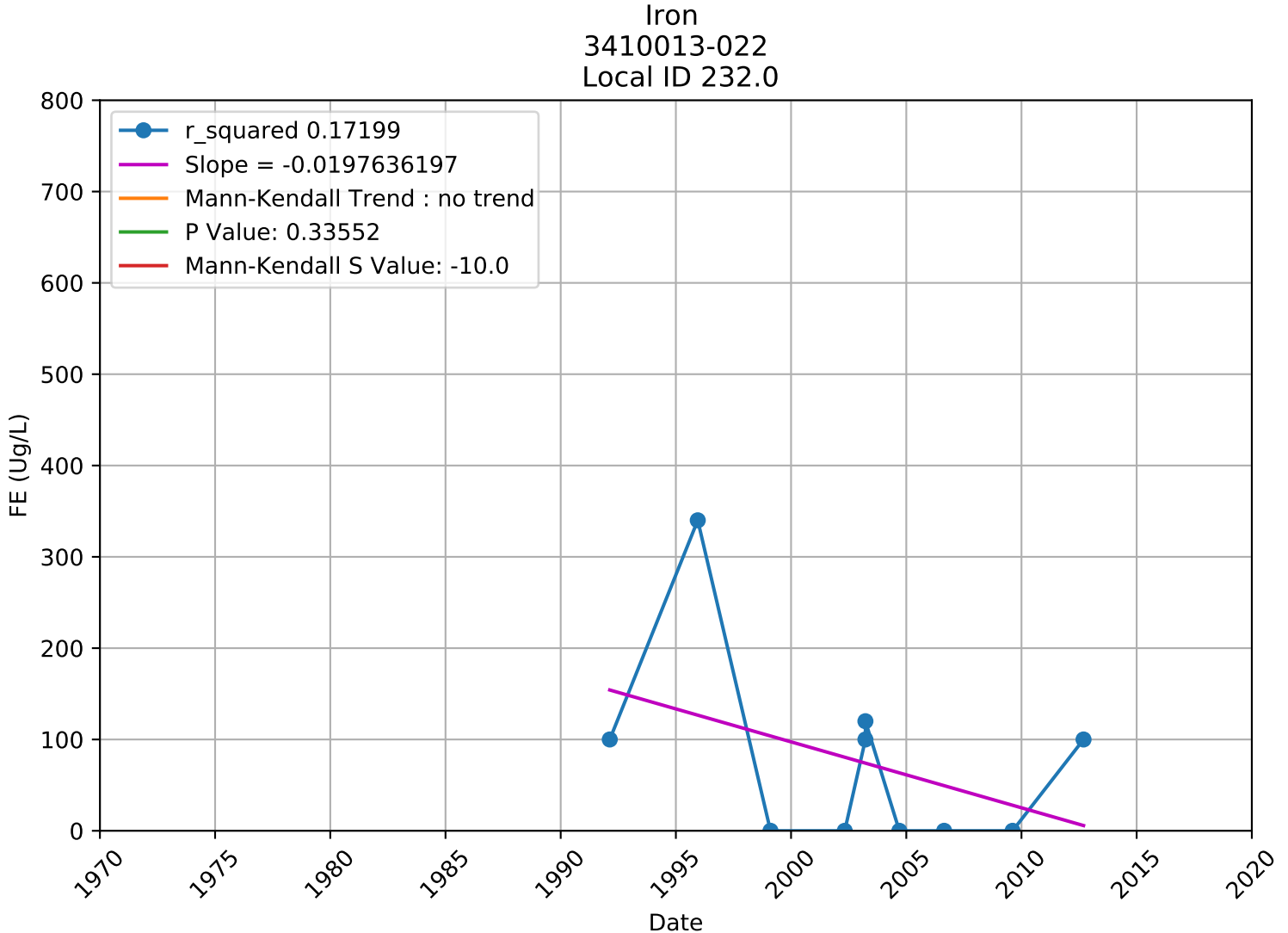

Iron
3410013-016
Local ID 233.0
r_squared 0.03034
Slope = -0.0044703394
Mann-Kendall Trend : no trend
P Value: 0.37417
Mann-Kendall S Value: 13.0
FE (Ug/L)
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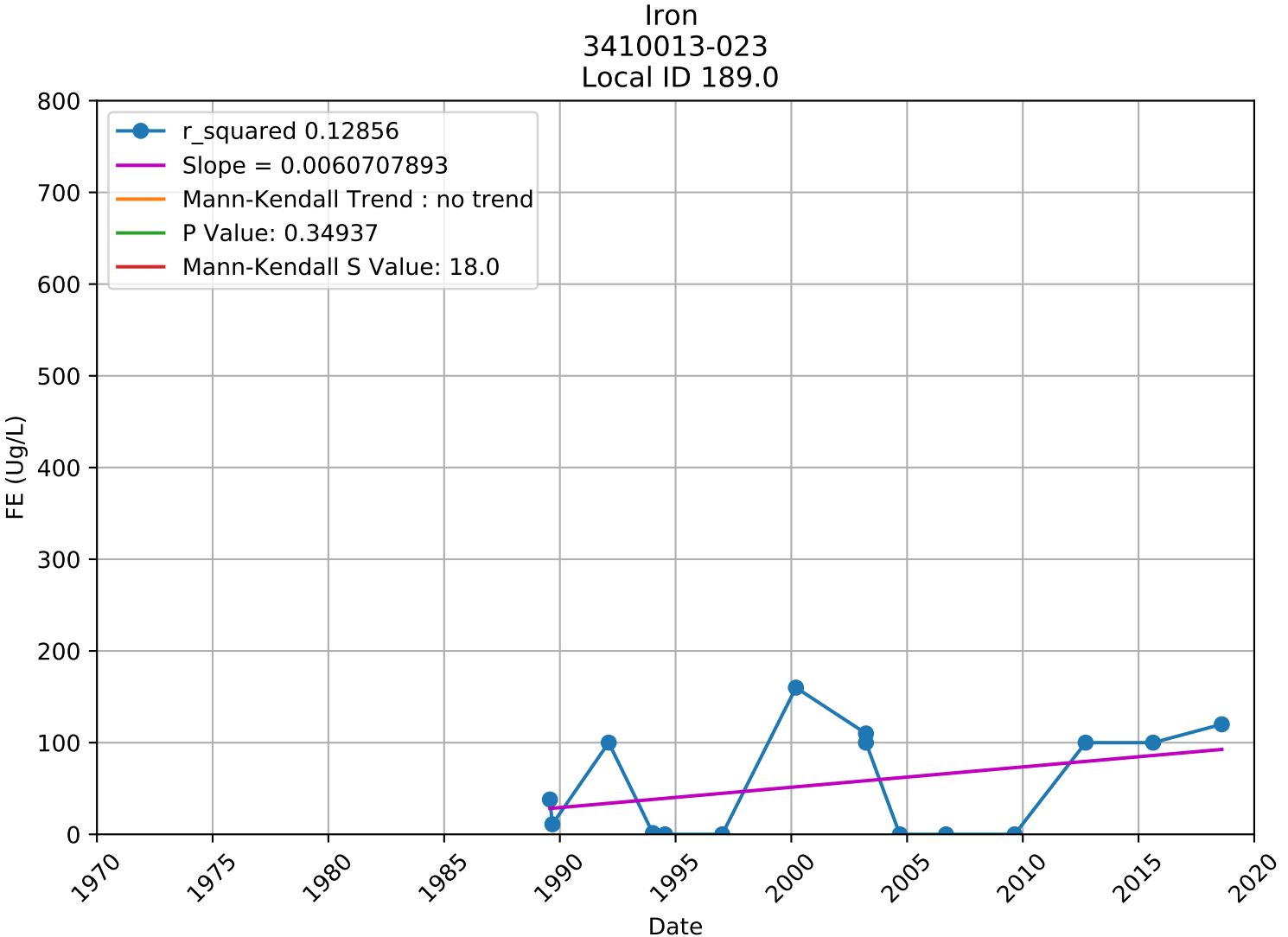

Iron
3410013-017
Local ID 265.0
r_squared 0.02968
Slope = -0.0048802463
Mann-Kendall Trend : no trend
P Value: 0.75082
Mann-Kendall S Value: 3.0
FE (Ug/L)
Date
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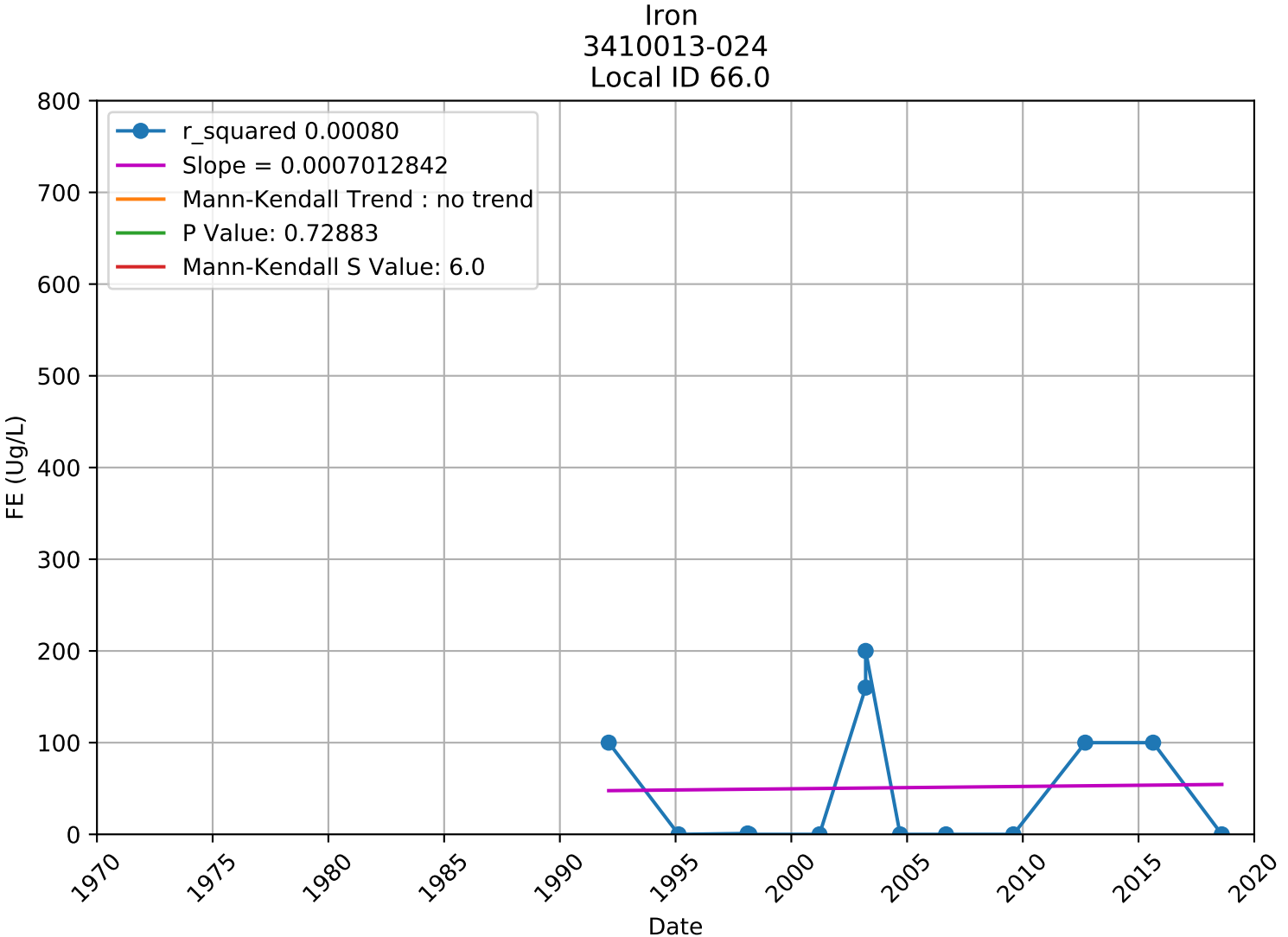

Iron
3410013-019
Local ID 247.0
r_squared 0.01966
Slope = -0.0021849705
Mann-Kendall Trend : no trend
P Value: 0.73849
Mann-Kendall S Value: -7.0
FE (Ug/L)
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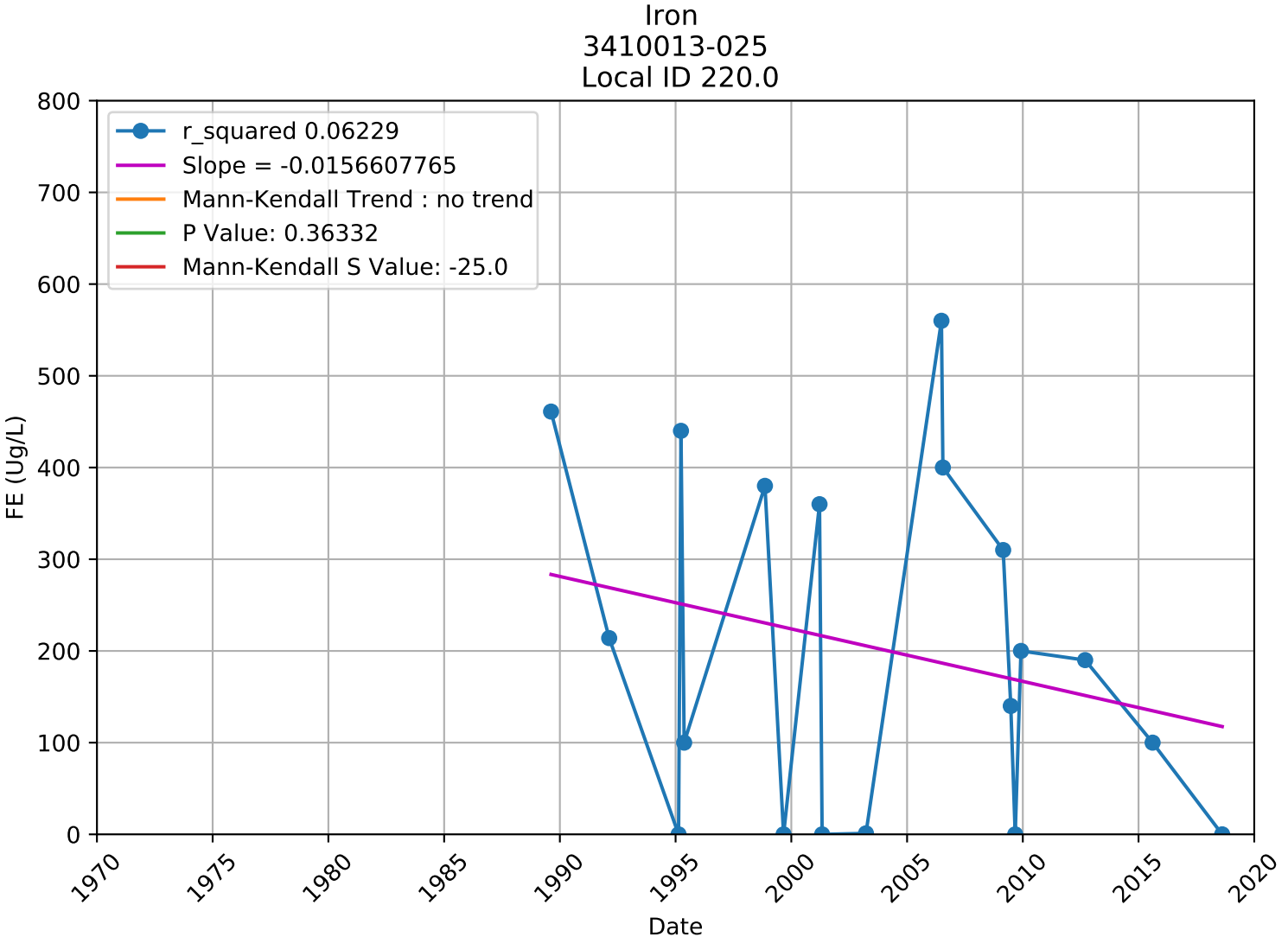

Iron
3410013-020
Local ID 226.0
r_squared 0.08525
Slope = -0.0061340516
Mann-Kendall Trend : decreasing
P Value: 0.03267
Mann-Kendall S Value: -18.0
FE (Ug/L)
Date
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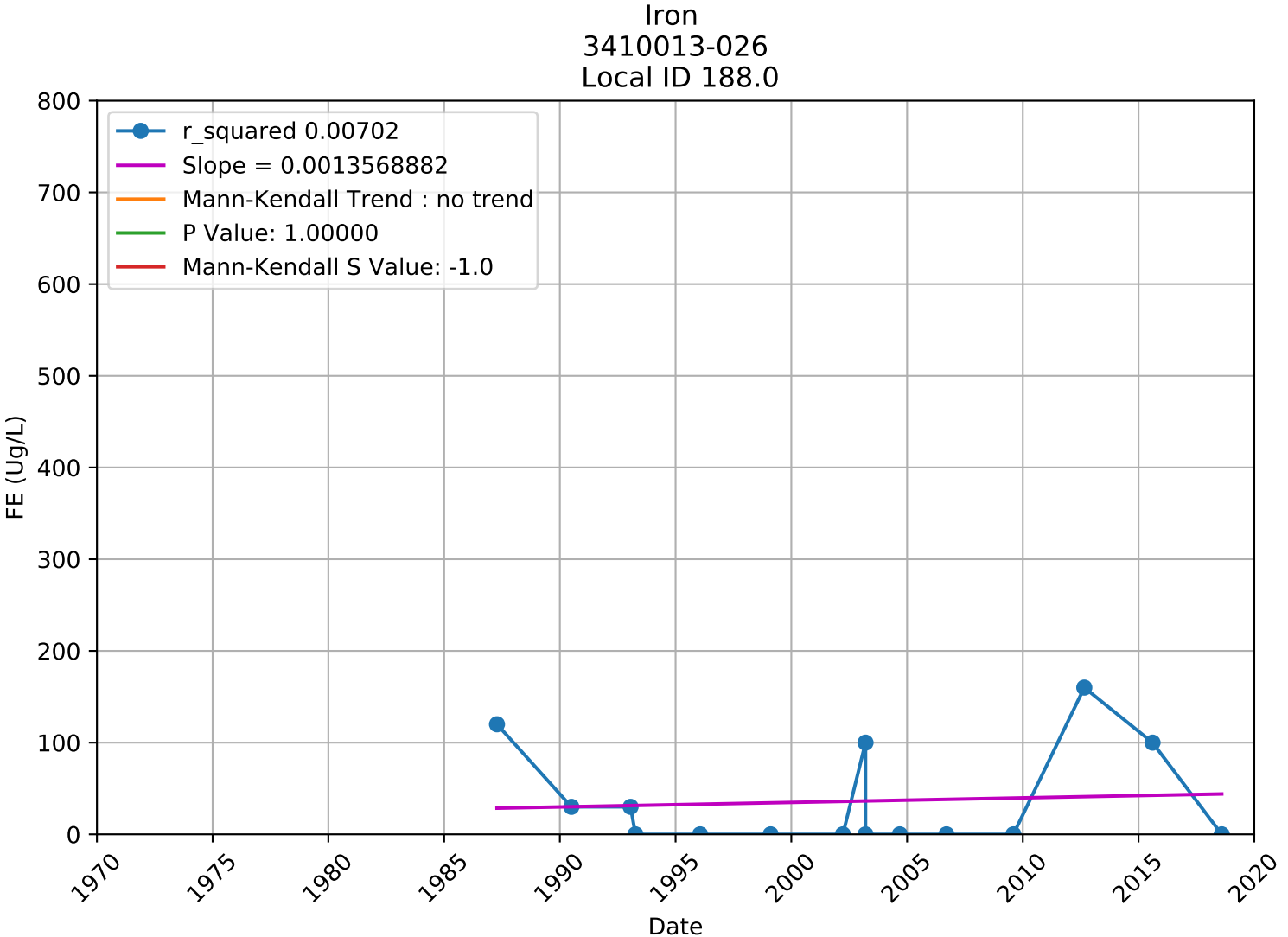

Iron
3410013-021
Local ID 88.0
r_squared 0.03379
Slope = 0.0022681372
Mann-Kendall Trend : no trend
P Value: 0.95421
Mann-Kendall S Value: -2.0
FE (Ug/L)
Date
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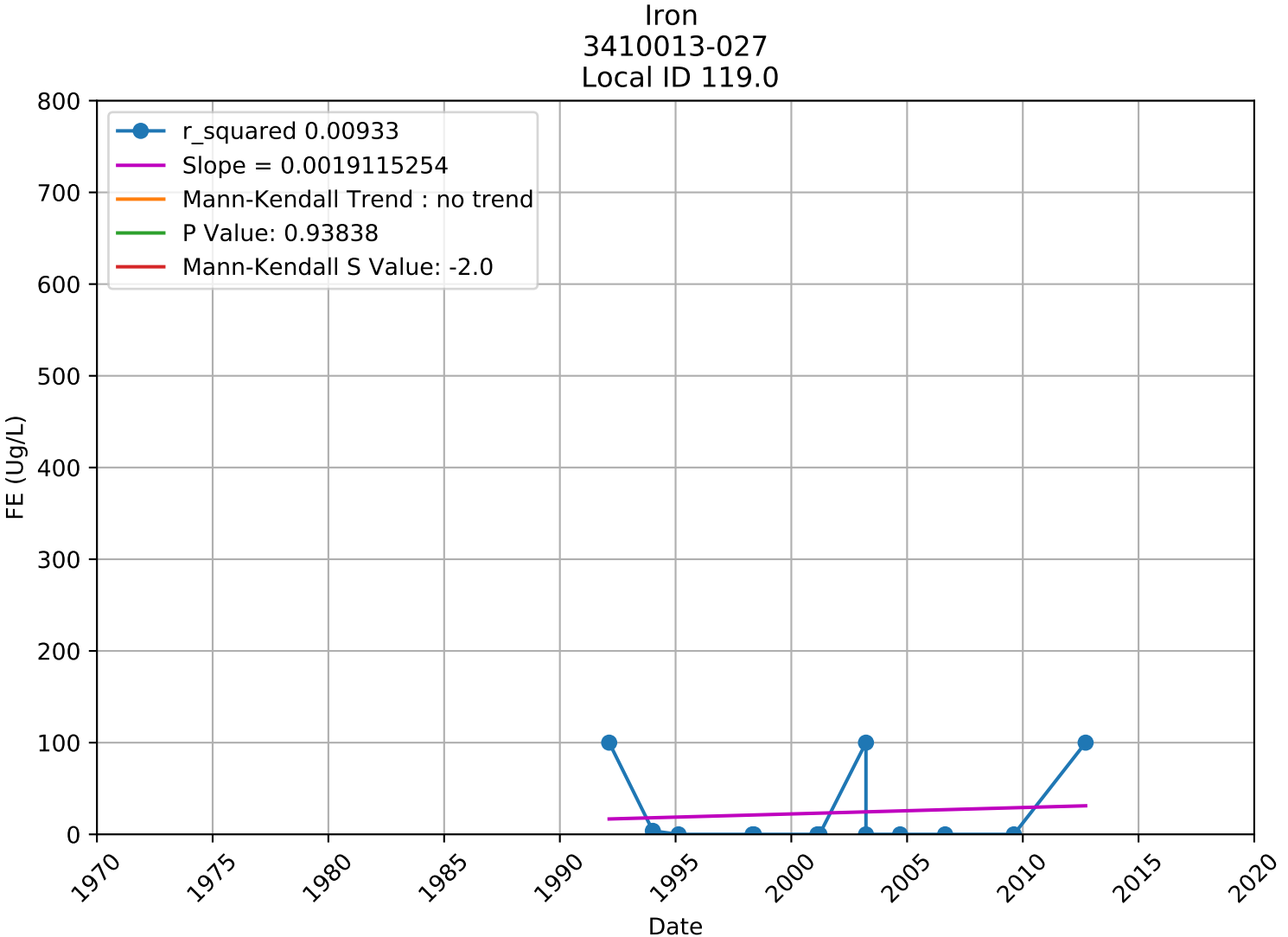

Iron
3410013-022
Local ID 232.0
r_squared 0.17199
Slope = -0.0197636197
Mann-Kendall Trend : no trend
P Value: 0.33552
Mann-Kendall S Value: -10.0
FE (Ug/L)
Date
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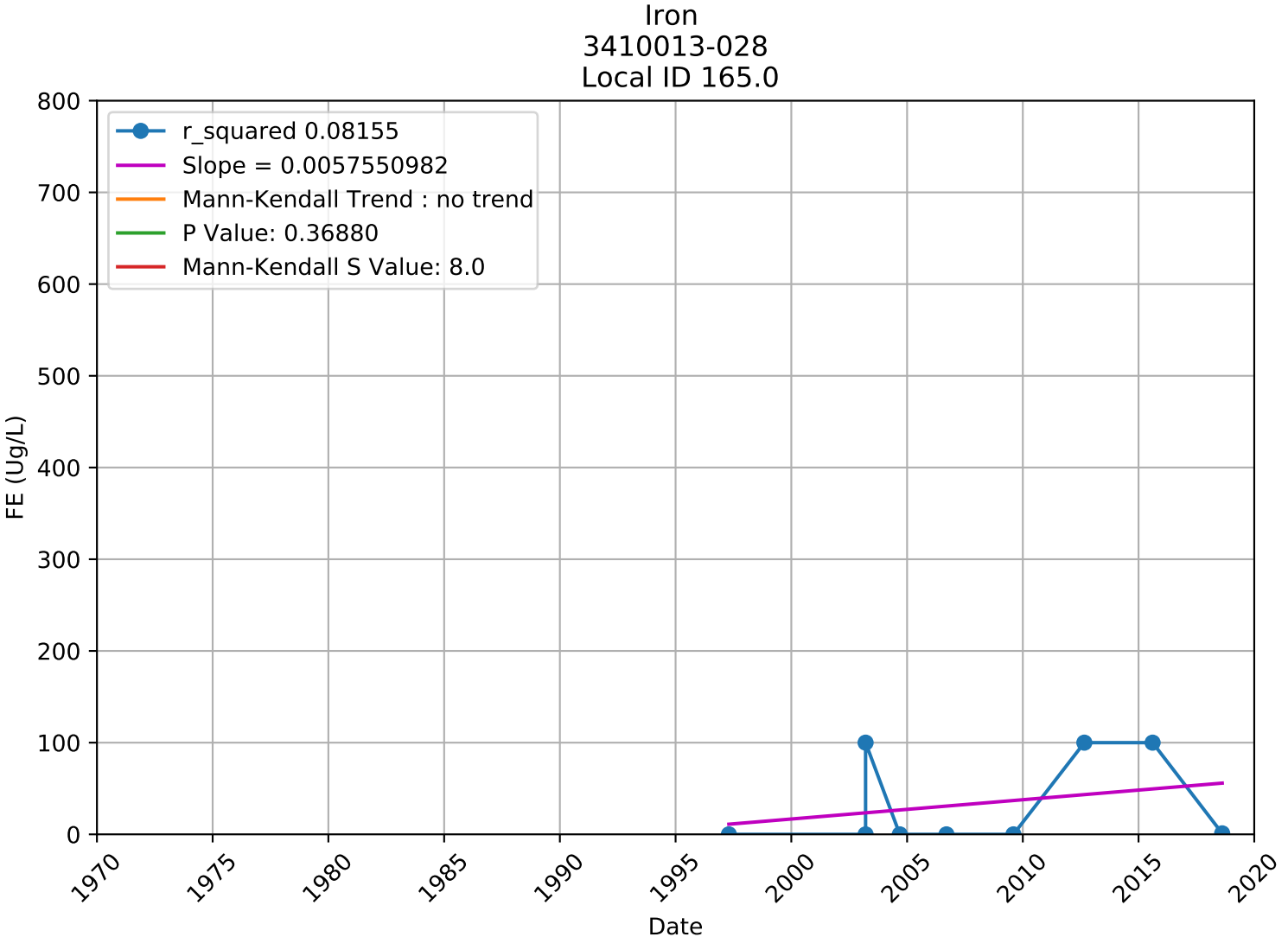

Iron
3410013-023
Local ID 189.0
r_squared 0.12856
Slope = 0.0060707893
Mann-Kendall Trend : no trend
P Value: 0.34937
Mann-Kendall S Value: 18.0
FE (Ug/L)
Date
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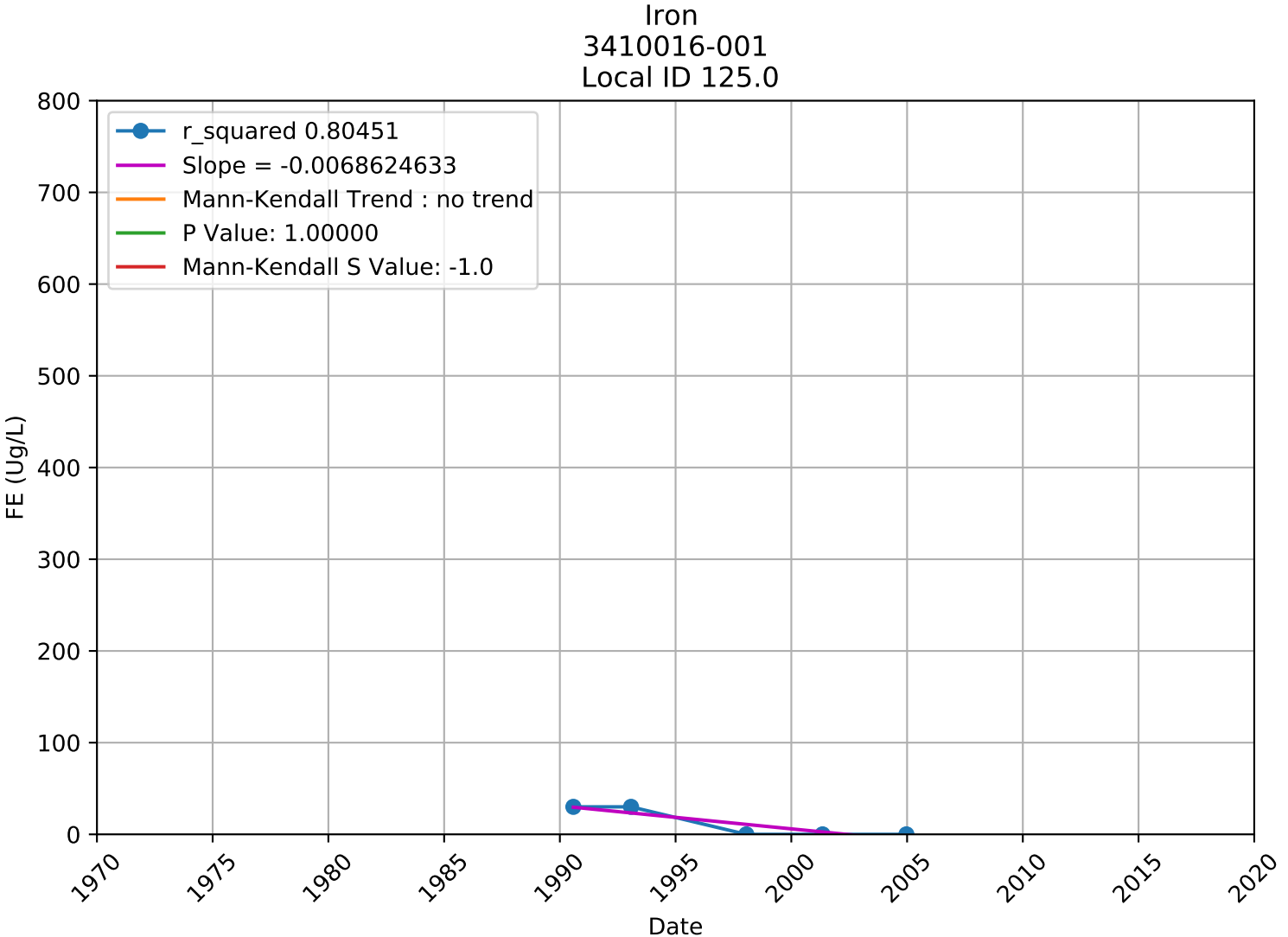

Iron
3410013-024
Local ID 66.0
r_squared 0.00080
Slope = 0.0007012842
Mann-Kendall Trend : no trend
P Value: 0.72883
Mann-Kendall S Value: 6.0
FE (Ug/L)
Date
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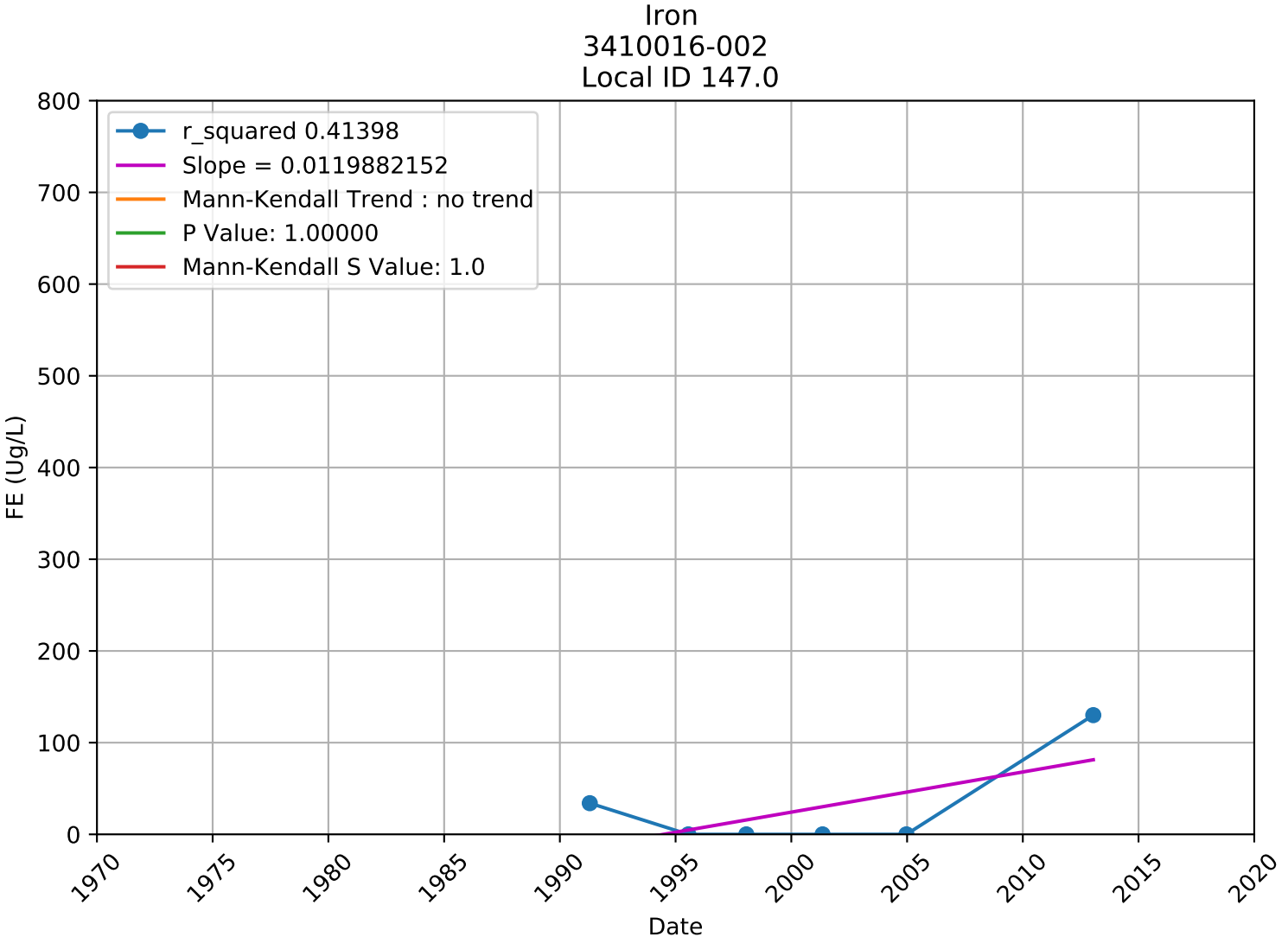

Iron
3410013-025
Local ID 220.0
r_squared 0.06229
Slope = -0.0156607765
Mann-Kendall Trend : no trend
P Value: 0.36332
Mann-Kendall S Value: -25.0
FE (Ug/L)
Date
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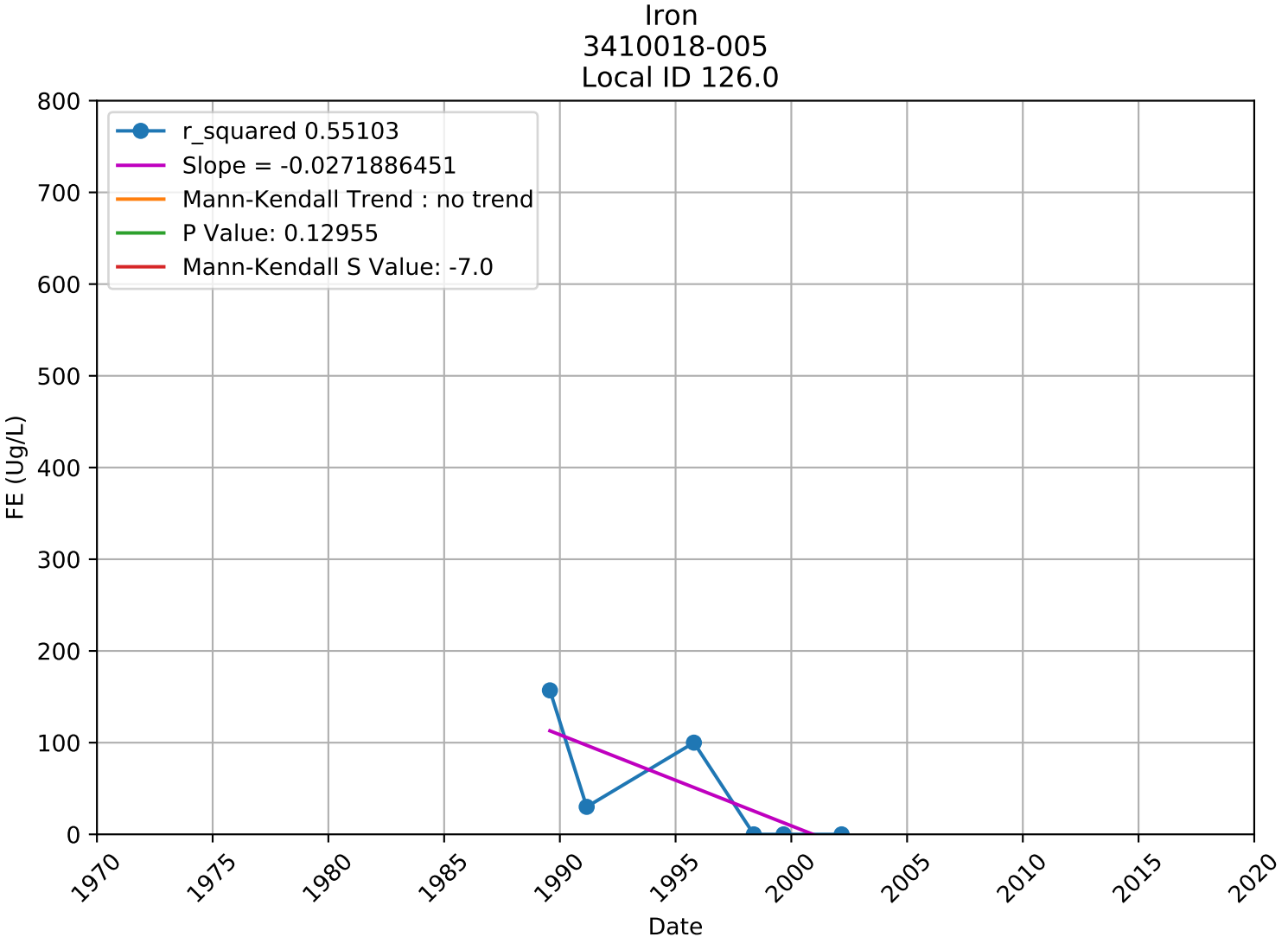

Iron
3410013-026
Local ID 188.0
r_squared 0.00702
Slope = 0.0013568882
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
FE (Ug/L)
Date
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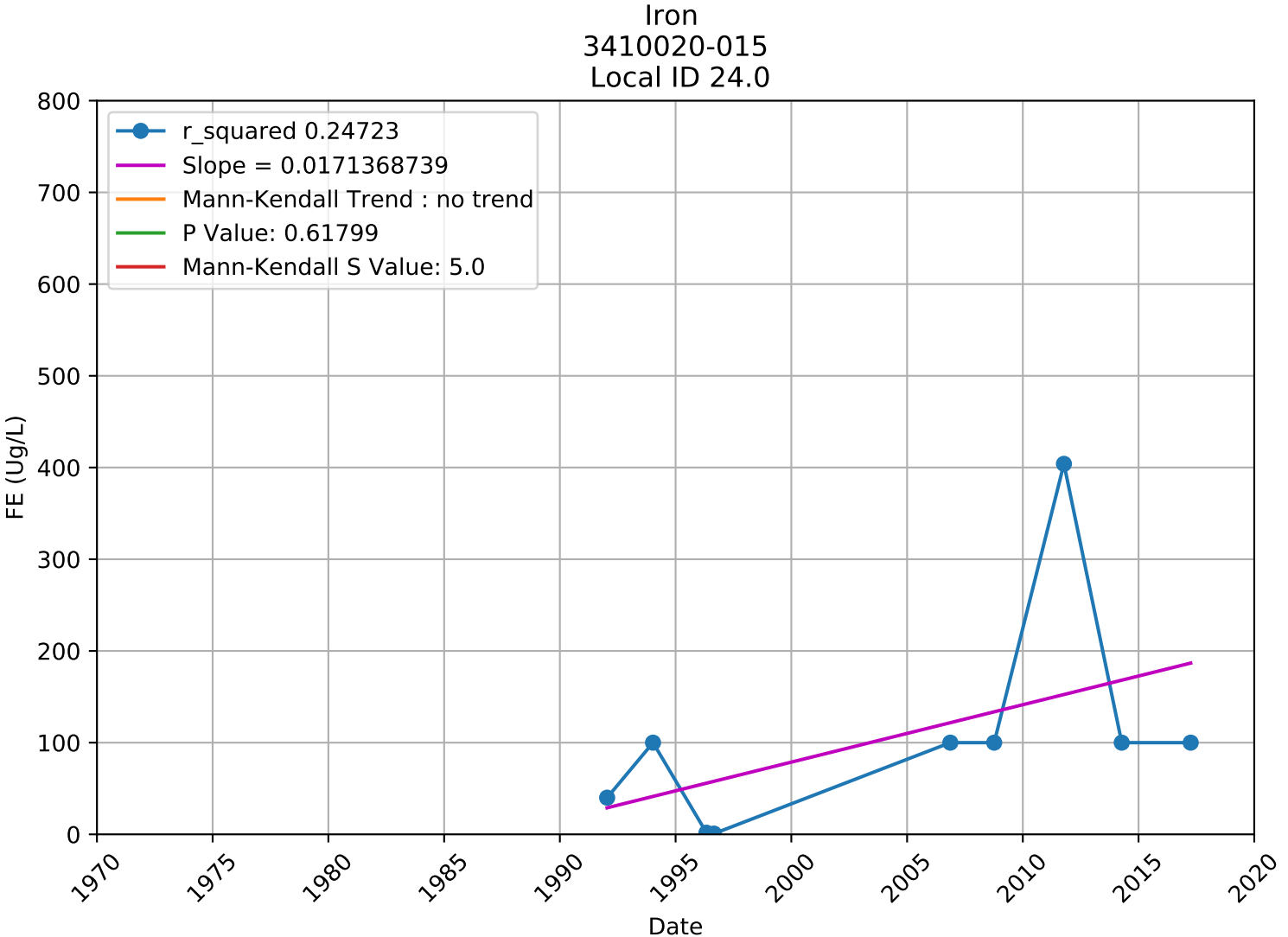

Iron
3410013-027
Local ID 119.0
r_squared 0.00933
Slope = 0.0019115254
Mann-Kendall Trend : no trend
P Value: 0.93838
Mann-Kendall S Value: -2.0
FE (Ug/L)
Date
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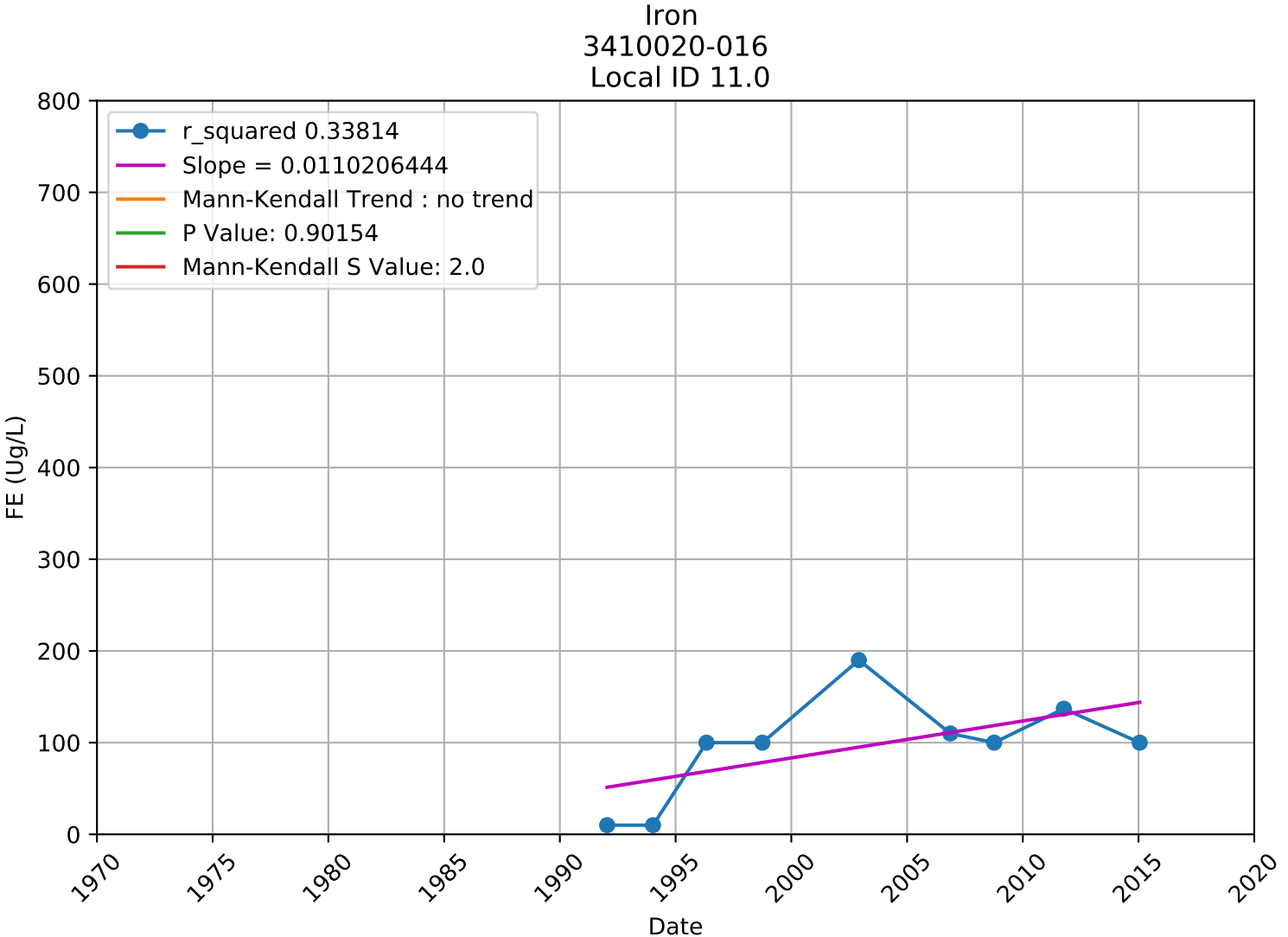

Iron
3410013-028
Local ID 165.0
r_squared 0.08155
Slope = 0.0057550982
Mann-Kendall Trend : no trend
P Value: 0.36880
Mann-Kendall S Value: 8.0
FE (Ug/L)
Date
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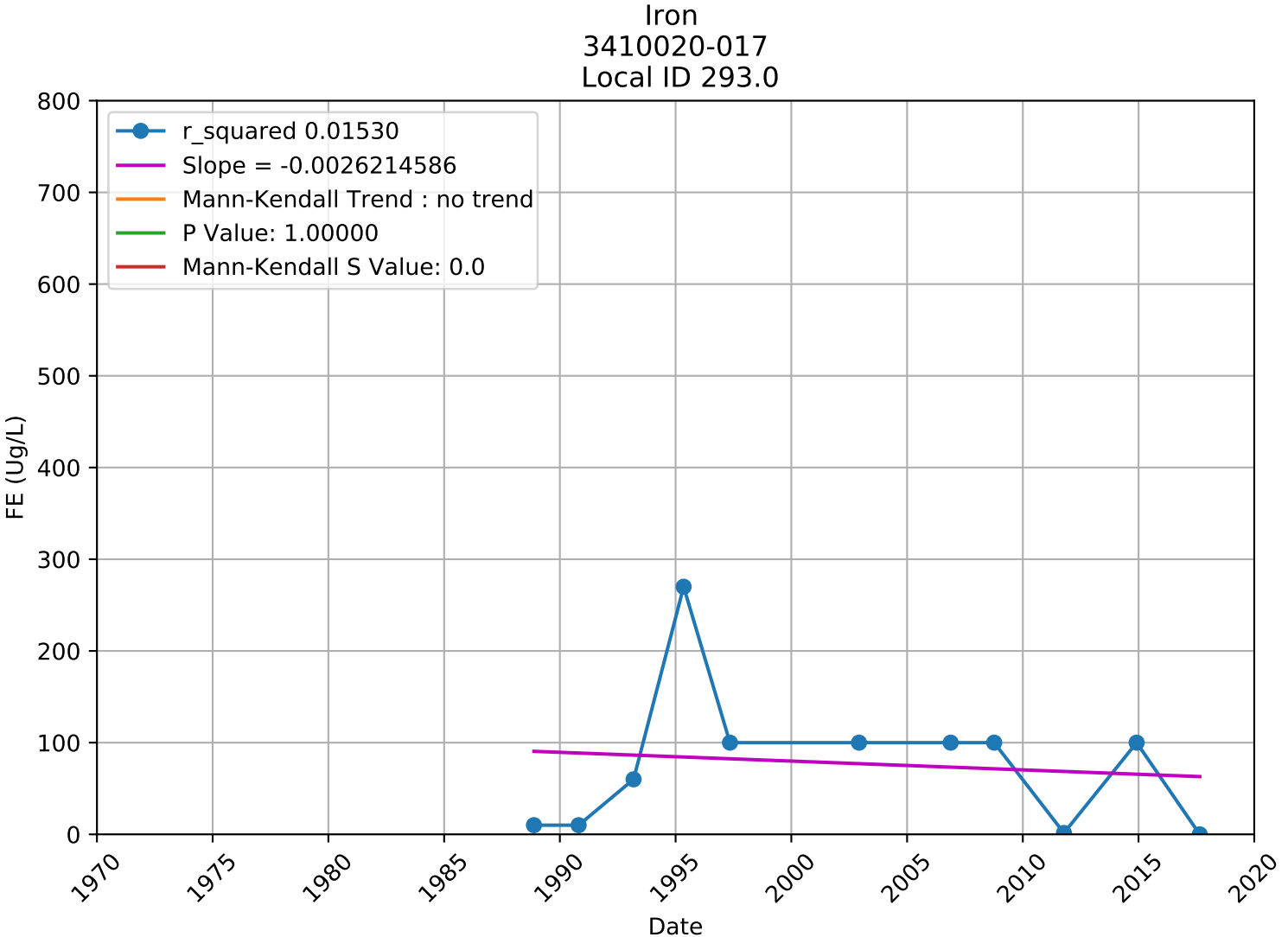

Iron
3410016-001
Local ID 125.0
r_squared 0.80451
Slope = -0.0068624633
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
FE (Ug/L)
Date
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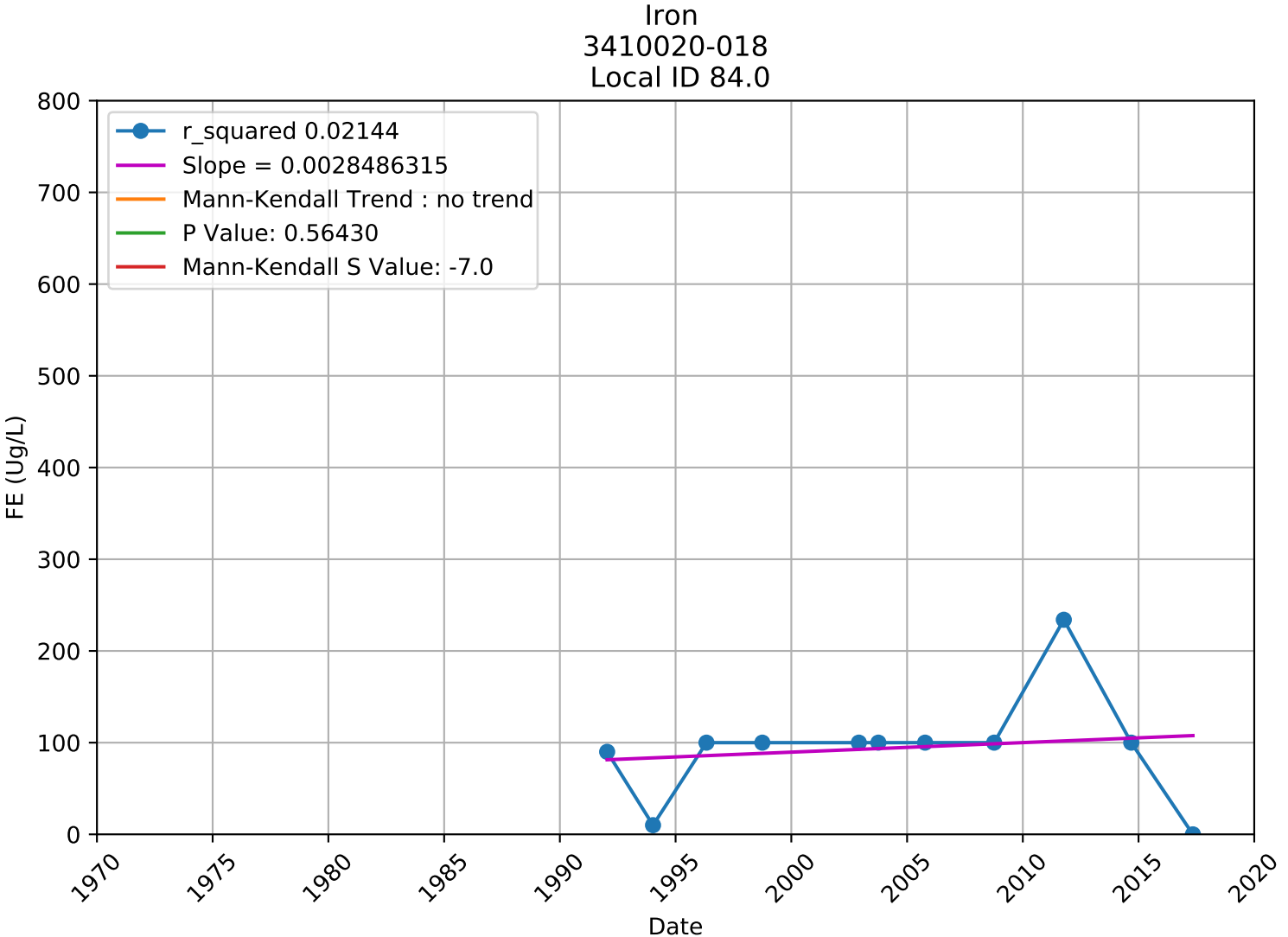

Iron
3410016-002
Local ID 147.0
r_squared 0.41398
Slope = 0.0119882152
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
FE (Ug/L)
Date
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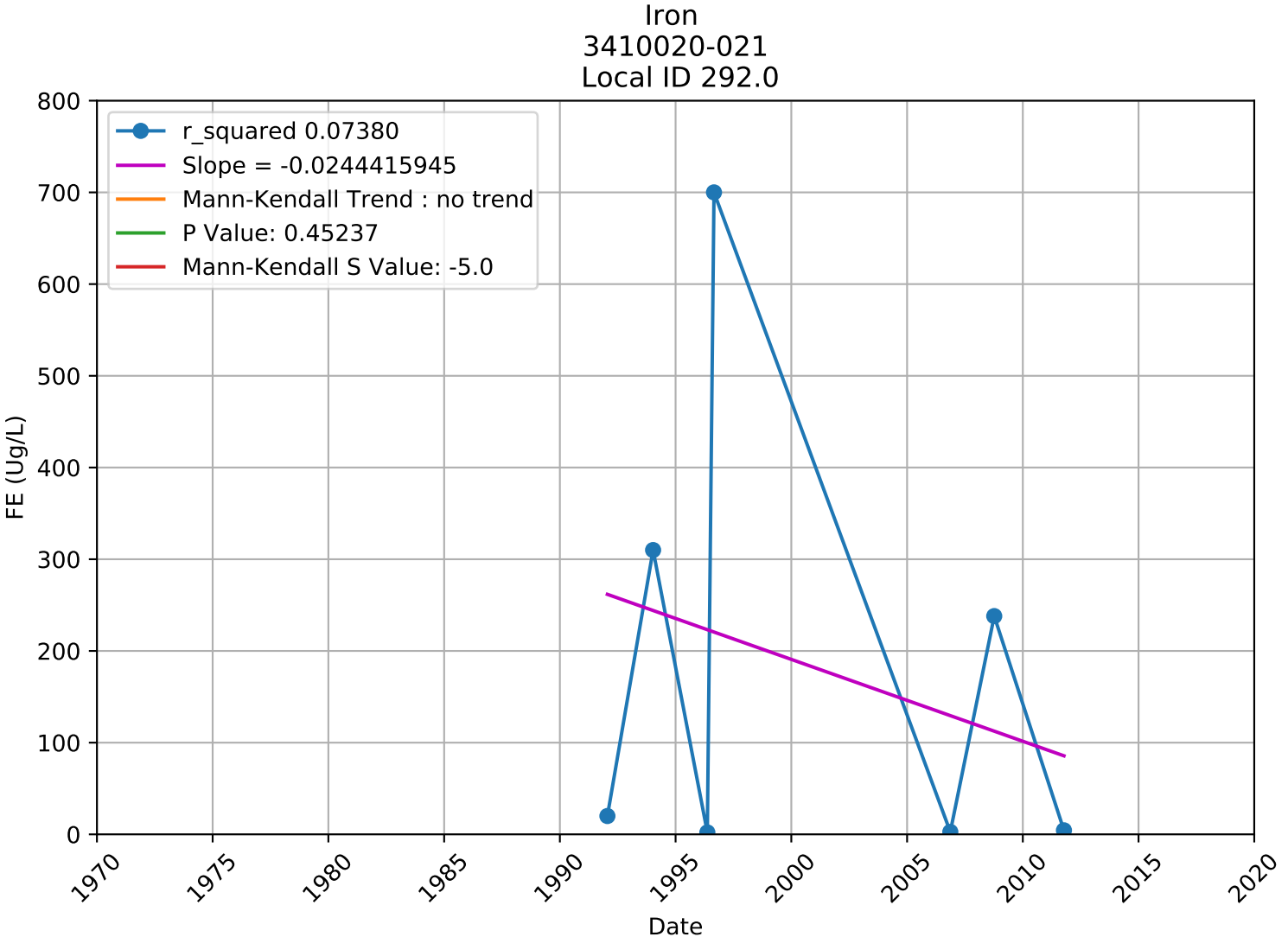

Iron
3410018-005
Local ID 126.0
r_squared 0.55103
Slope = -0.0271886451
Mann-Kendall Trend : no trend
P Value: 0.12955
Mann-Kendall S Value: -7.0
FE (Ug/L)
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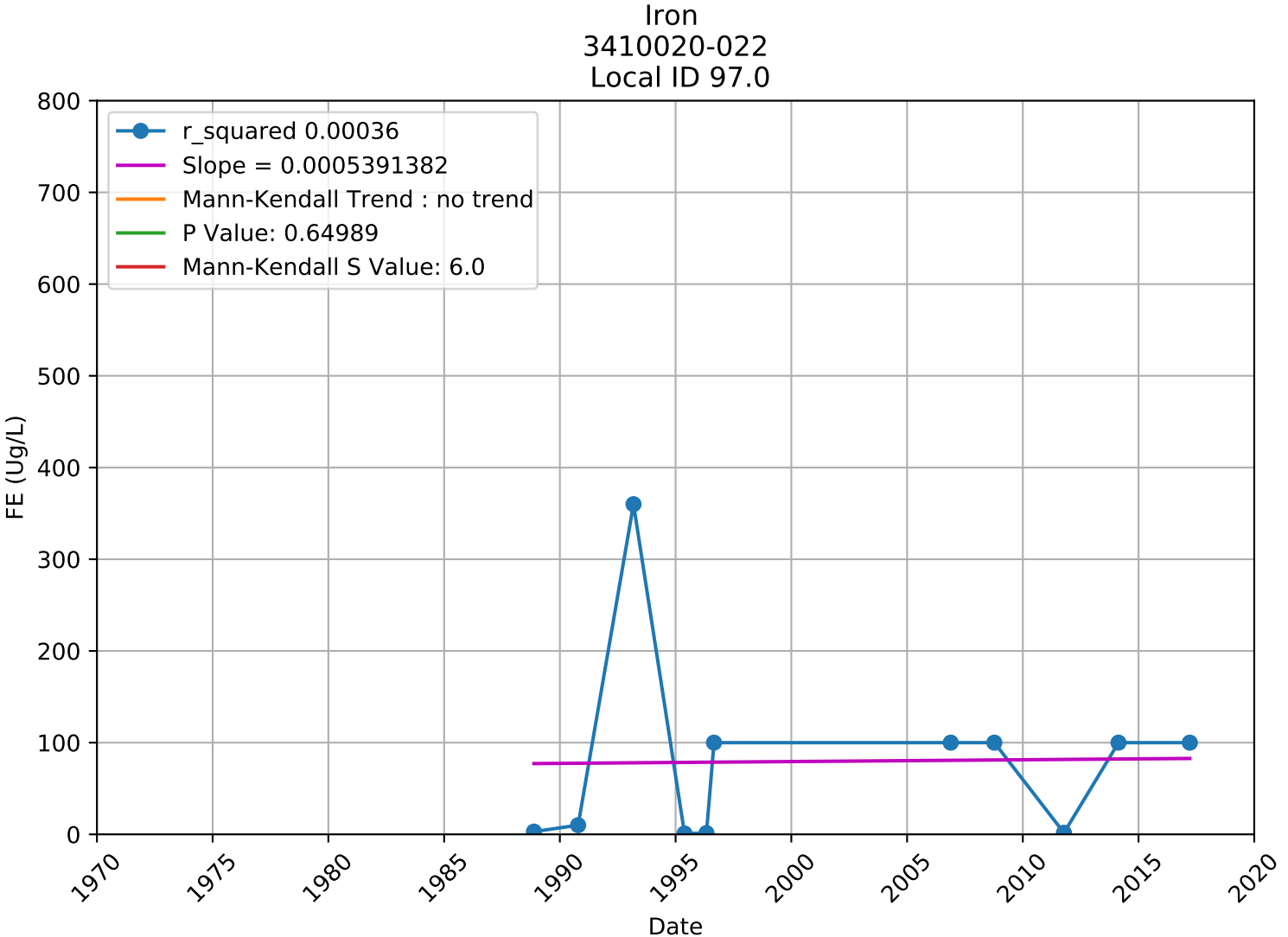

Iron
3410020-015
Local ID 24.0
r_squared 0.24723
Slope = 0.0171368739
Mann-Kendall Trend : no trend
P Value: 0.61799
Mann-Kendall S Value: 5.0
FE (Ug/L)
Date
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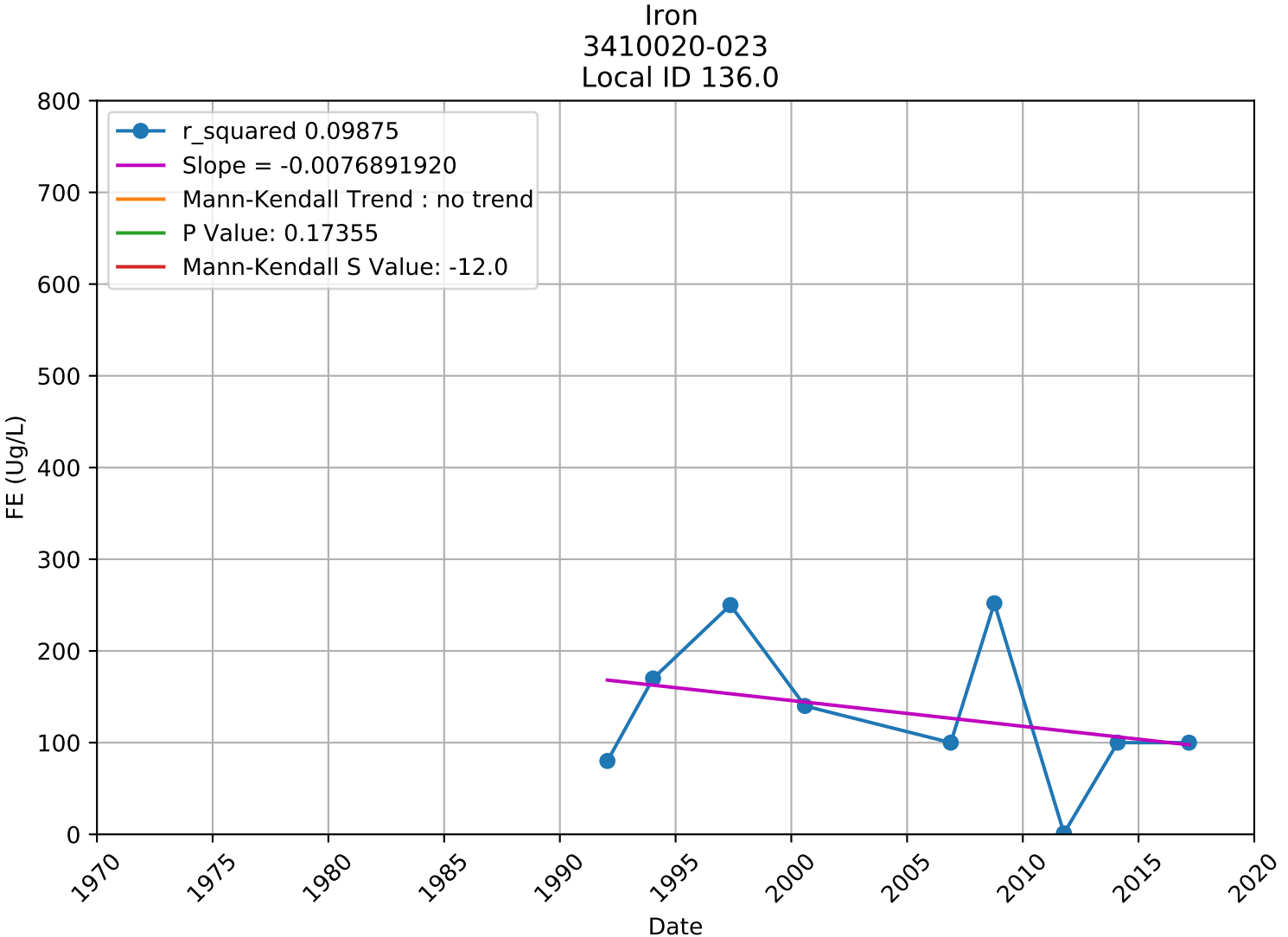

Iron
3410020-016
Local ID 11.0
r_squared 0.33814
Slope = 0.0110206444
Mann-Kendall Trend : no trend
P Value: 0.90154
Mann-Kendall S Value: 2.0
FE (Ug/L)
Date
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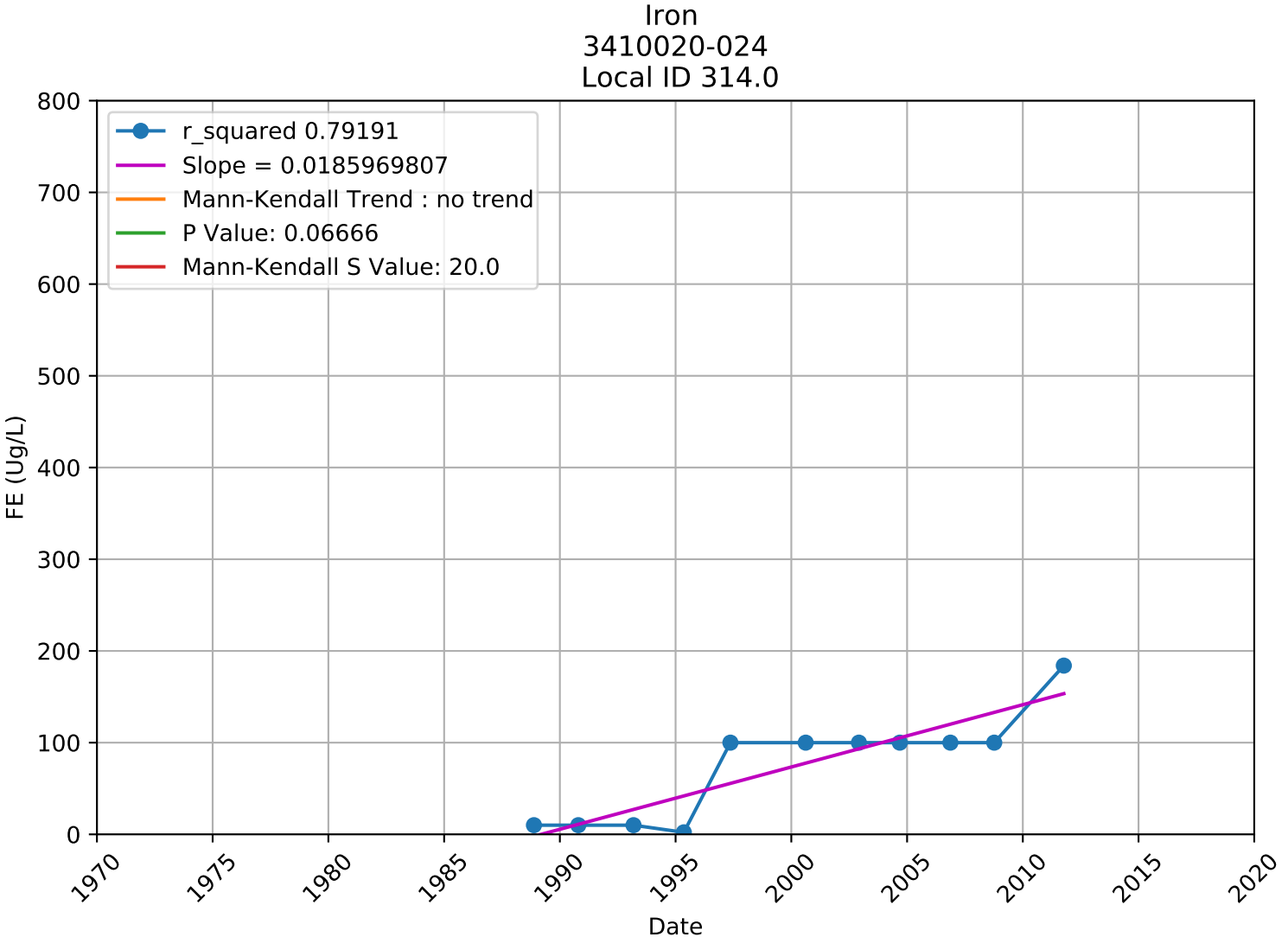

Iron
3410020-017
Local ID 293.0
r_squared 0.01530
Slope = -0.0026214586
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
FE (Ug/L)
Date
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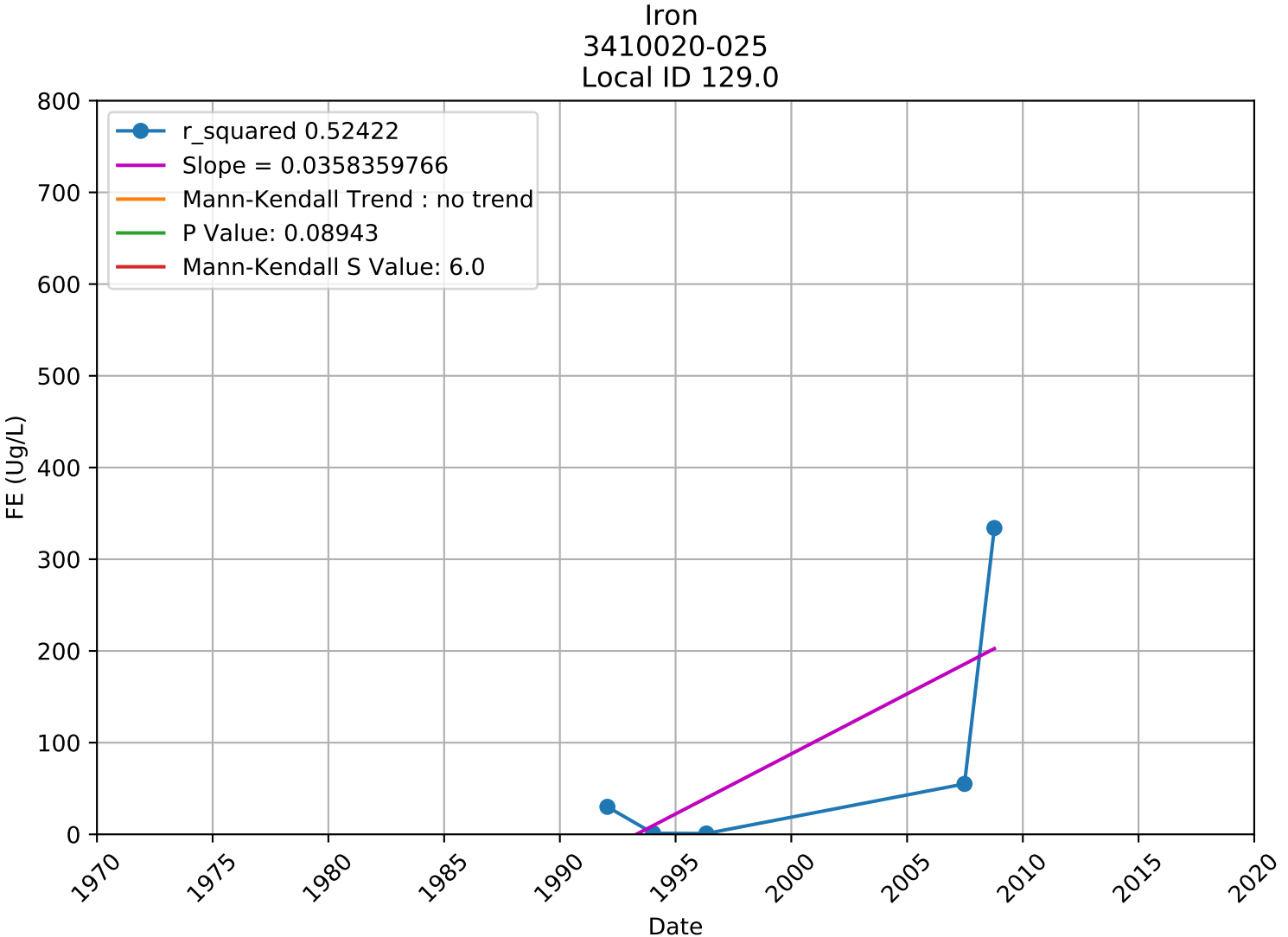

Iron
3410020-018
Local ID 84.0
r_squared 0.02144
Slope = 0.0028486315
Mann-Kendall Trend : no trend
P Value: 0.56430
Mann-Kendall S Value: -7.0
FE (Ug/L)
Date
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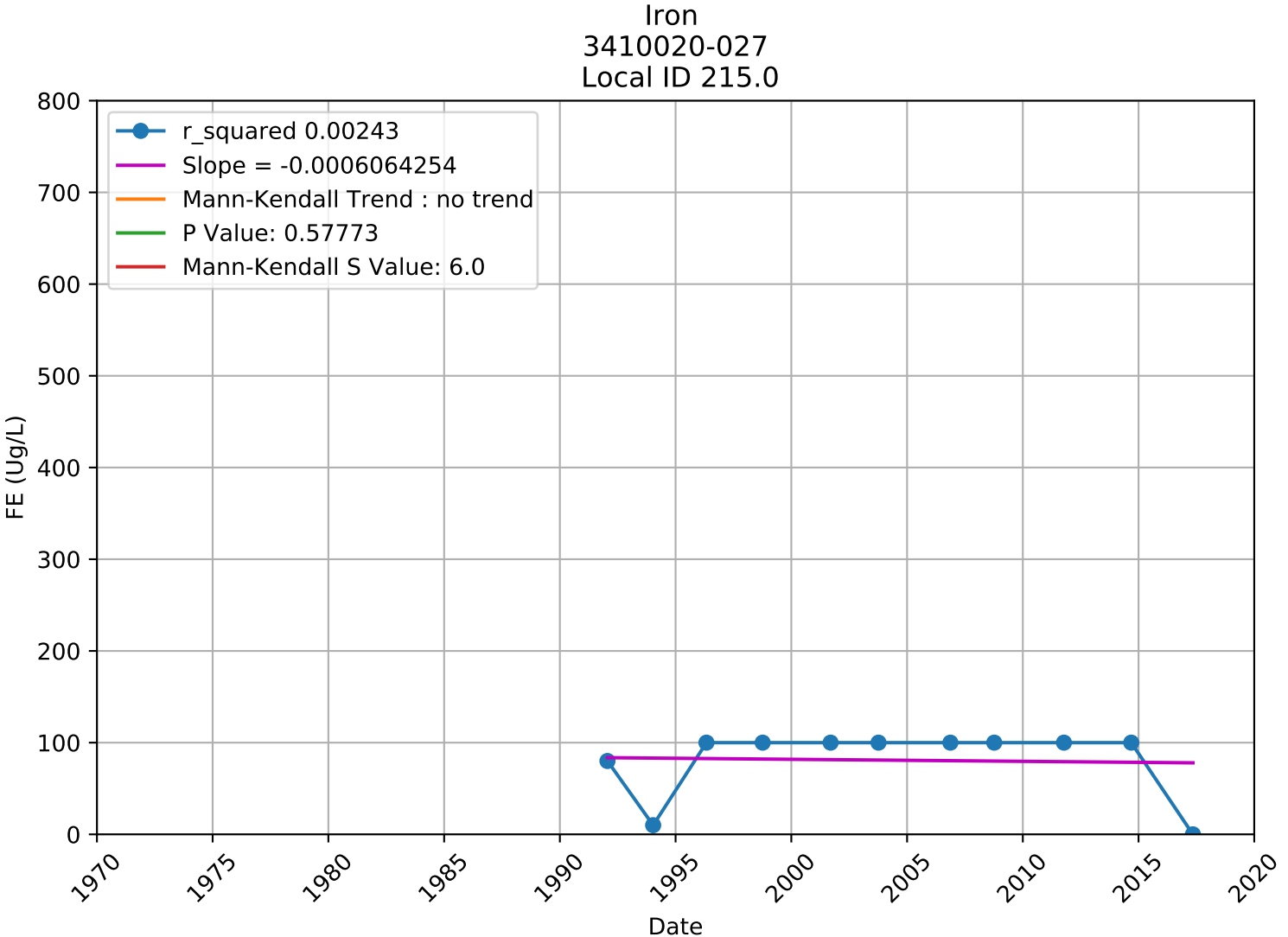

Iron
3410020-021
Local ID 292.0
r_squared 0.07380
Slope = -0.0244415945
Mann-Kendall Trend : no trend
P Value: 0.45237
Mann-Kendall S Value: -5.0
FE (Ug/L)
Date
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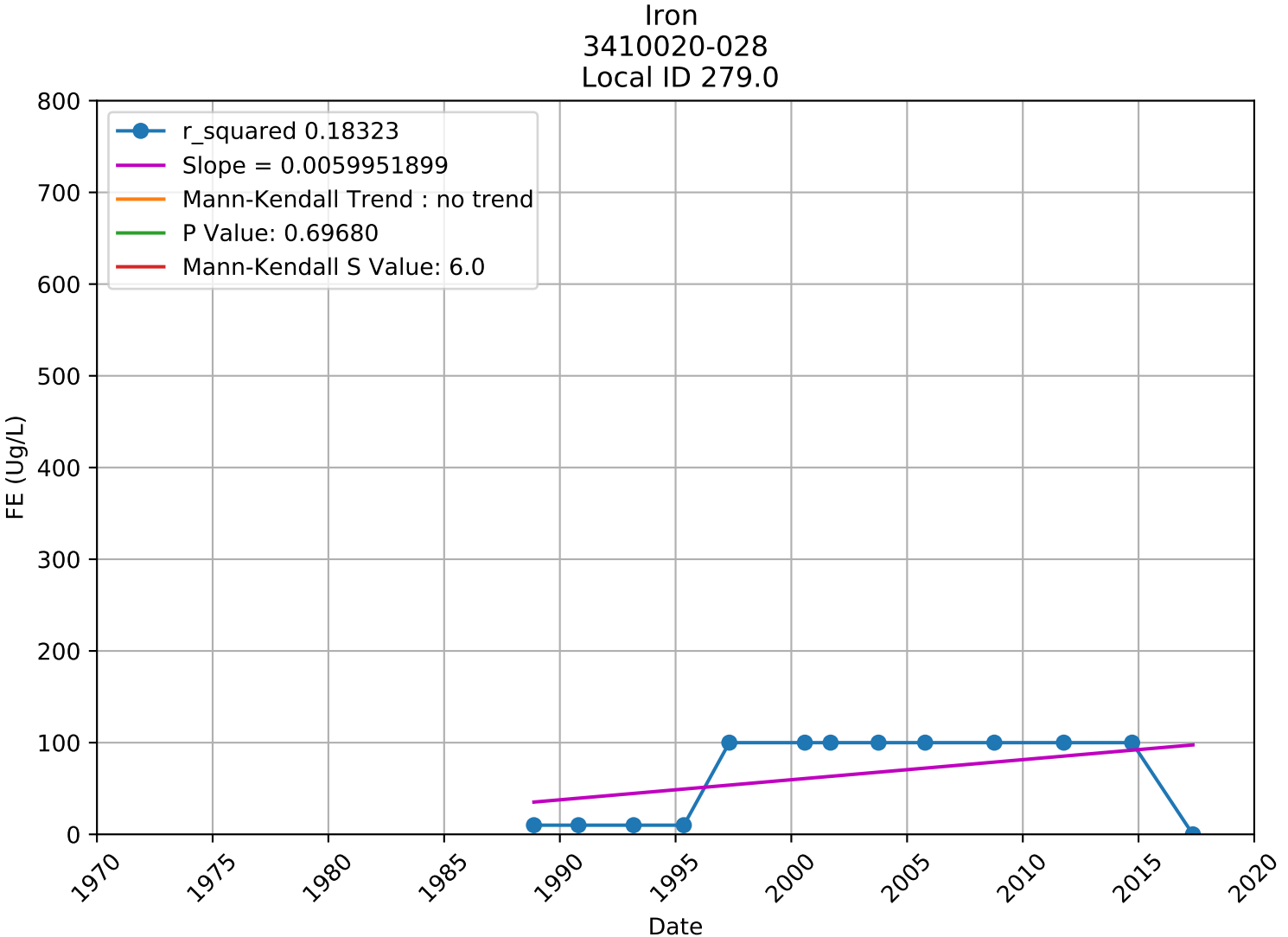

Iron
3410020-022
Local ID 97.0
r_squared 0.00036
Slope = 0.0005391382
Mann-Kendall Trend : no trend
P Value: 0.64989
Mann-Kendall S Value: 6.0
FE (Ug/L)
Date
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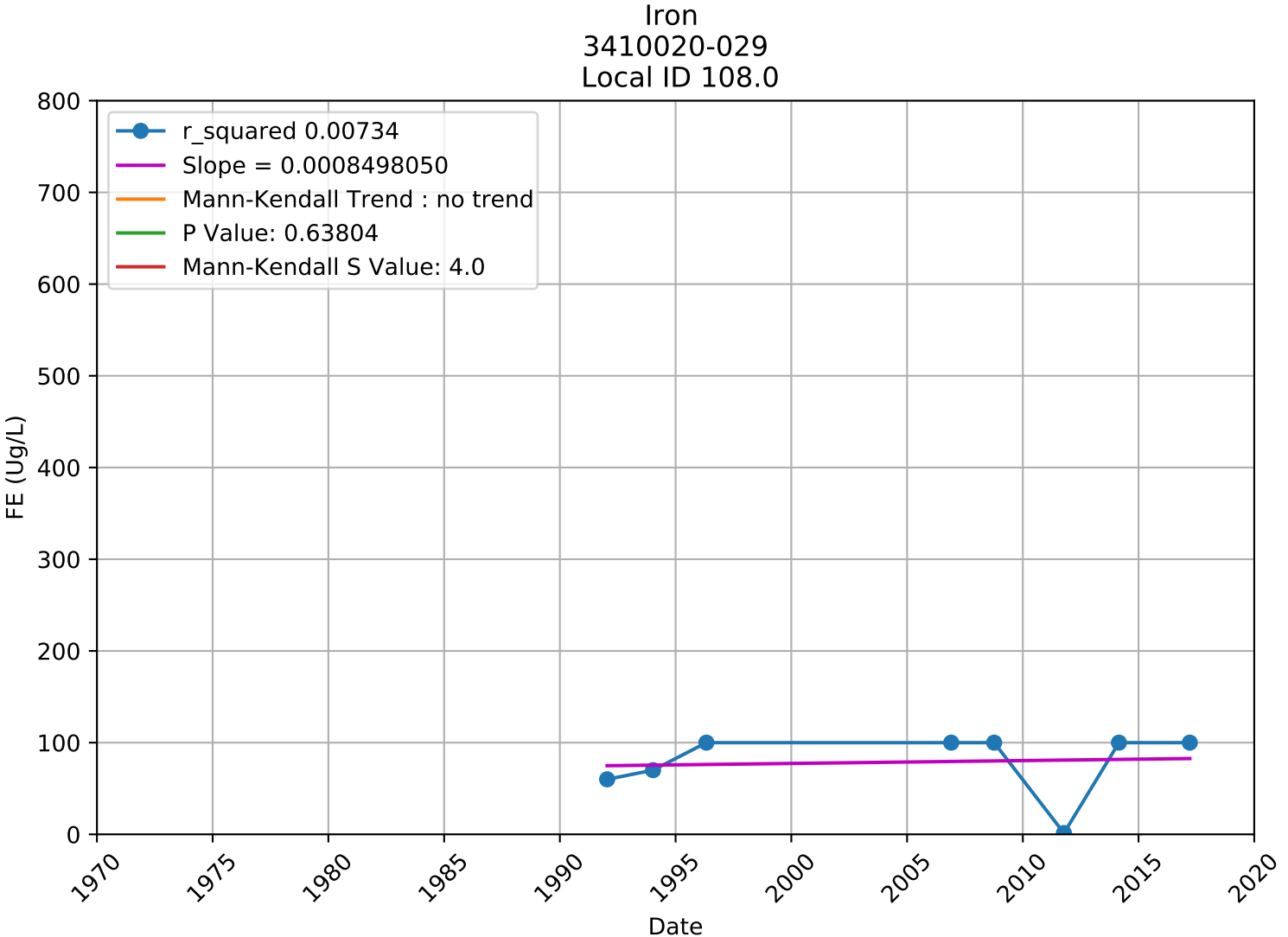

Iron
3410020-023
Local ID 136.0
r_squared 0.09875
Slope = -0.0076891920
Mann-Kendall Trend : no trend
P Value: 0.17355
Mann-Kendall S Value: -12.0
FE (Ug/L)
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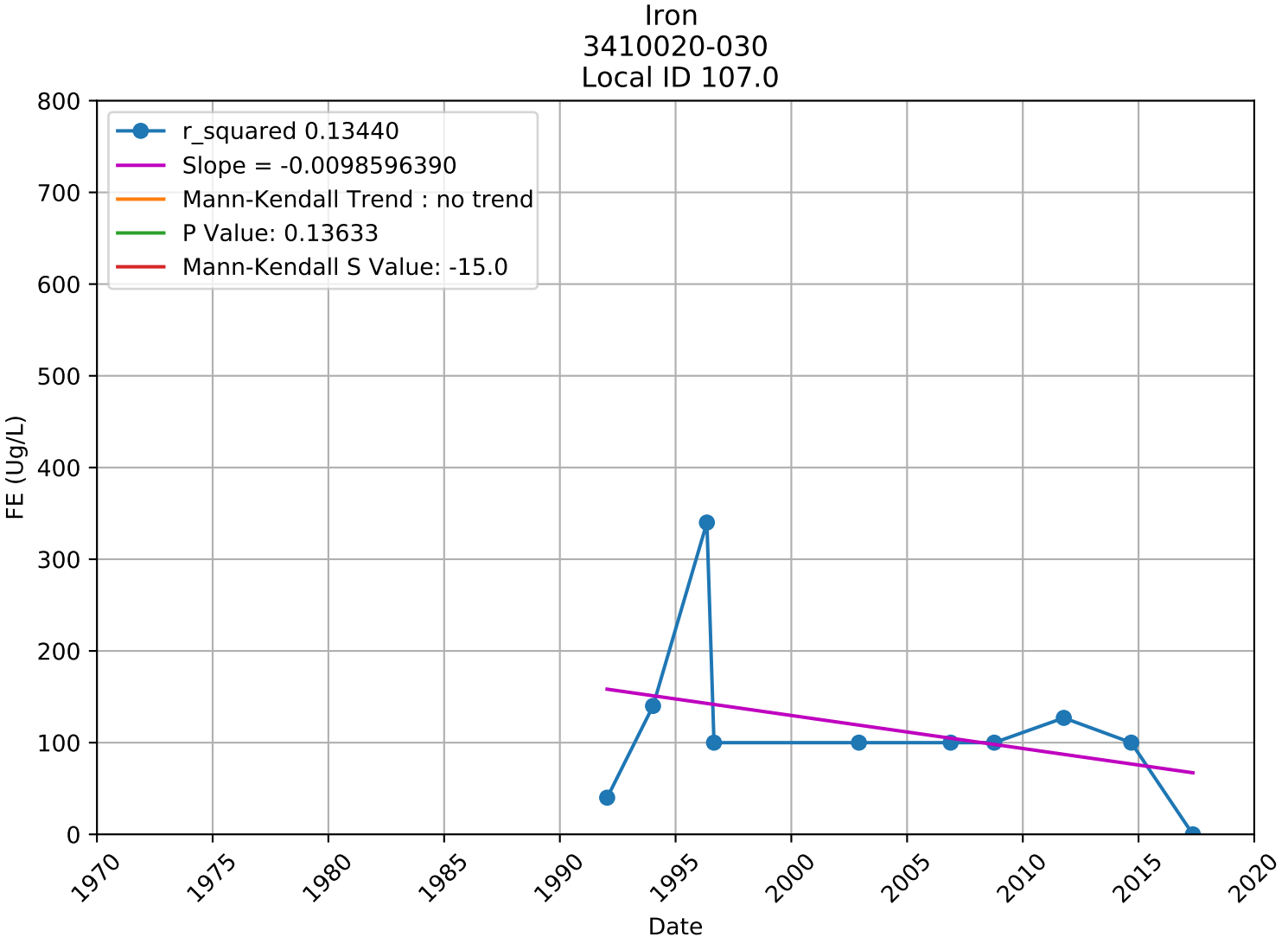

Iron
3410020-024
Local ID 314.0
r_squared 0.79191
Slope = 0.0185969807
Mann-Kendall Trend : no trend
P Value: 0.06666
Mann-Kendall S Value: 20.0
FE (Ug/L)
Date
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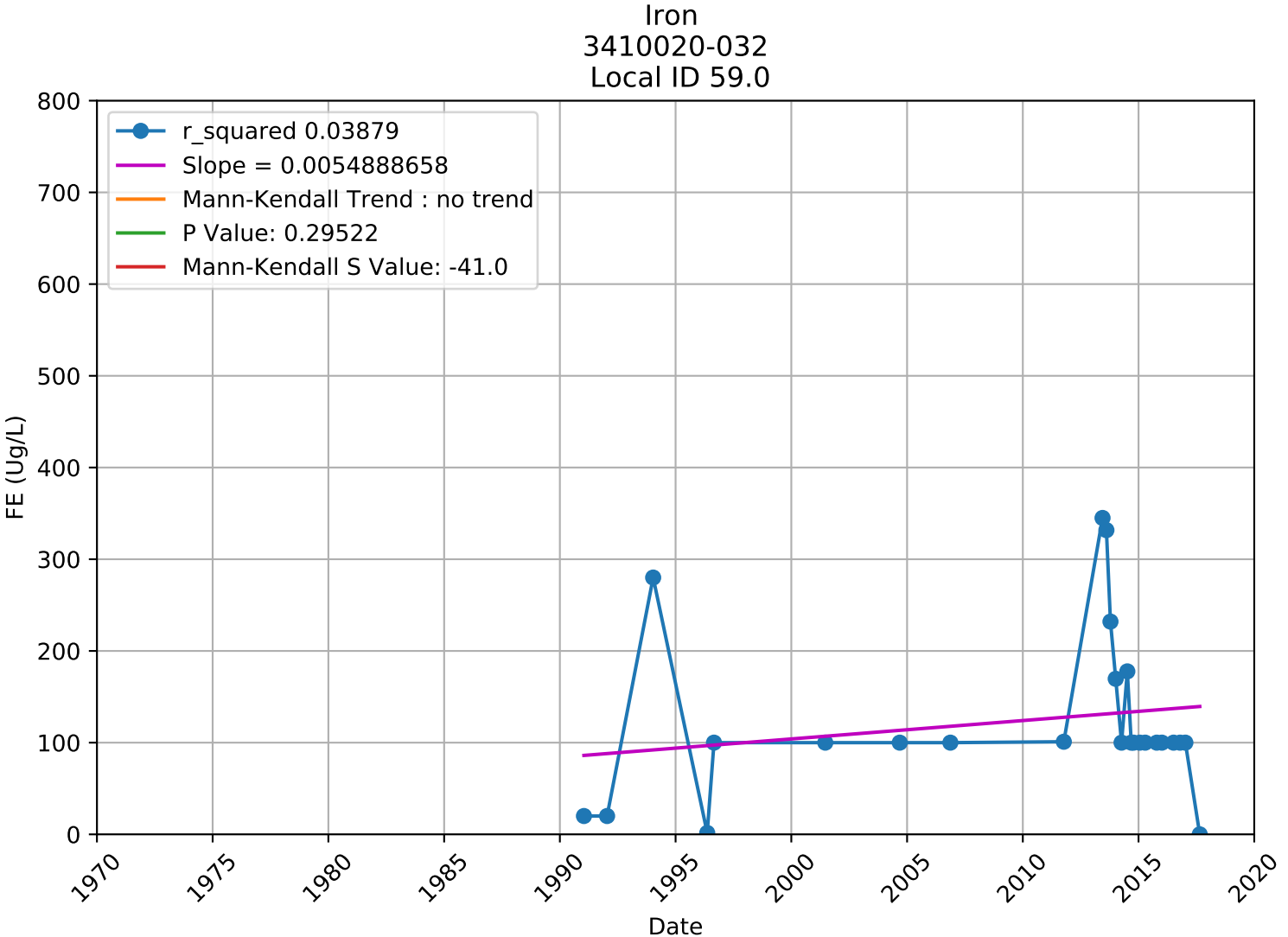

Iron
3410020-025
Local ID 129.0
r_squared 0.52422
Slope = 0.0358359766
Mann-Kendall Trend : no trend
P Value: 0.08943
Mann-Kendall S Value: 6.0
FE (Ug/L)
Date
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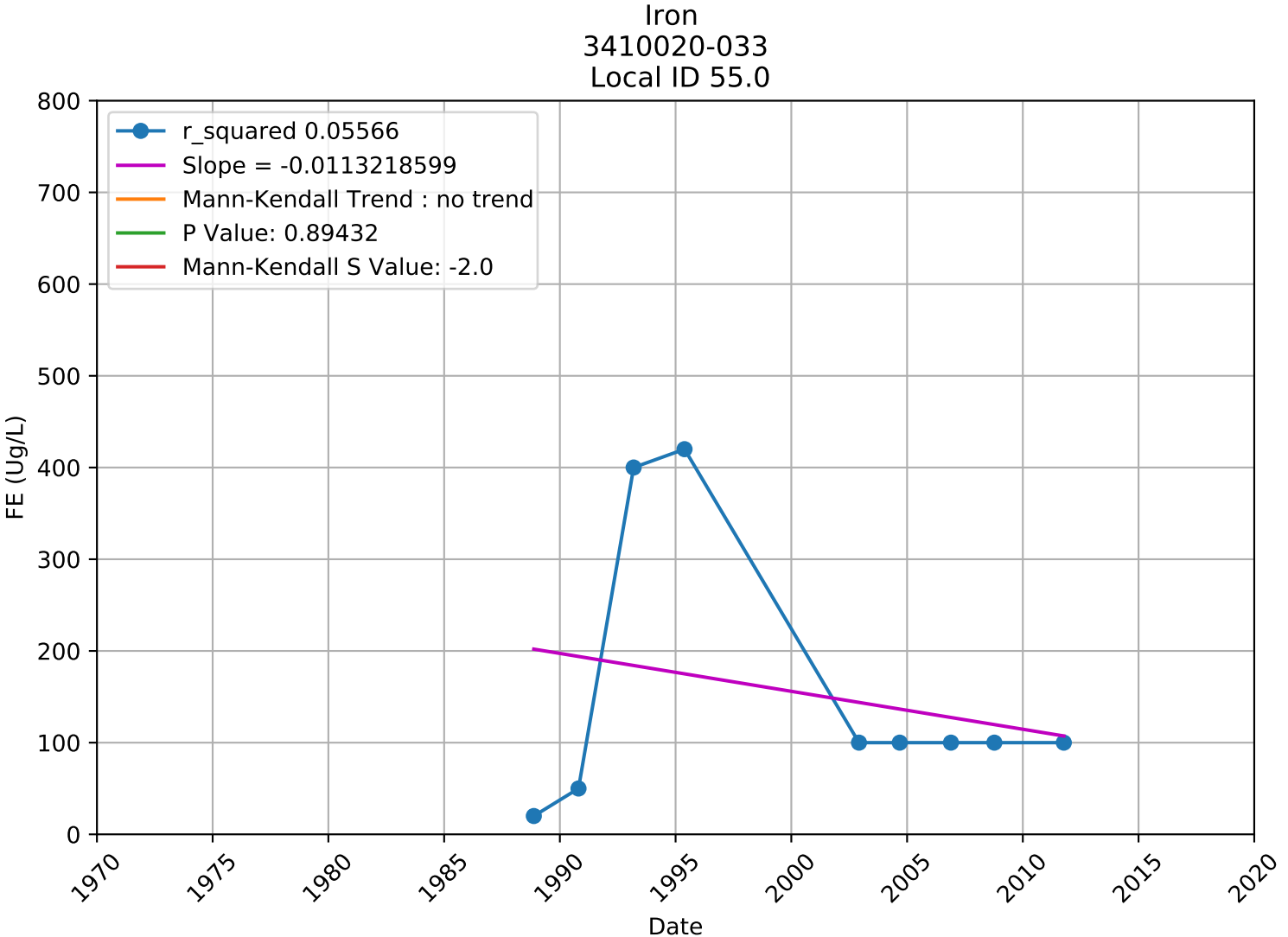

Iron
3410020-027
Local ID 215.0
r_squared 0.00243
Slope = -0.0006064254
Mann-Kendall Trend : no trend
P Value: 0.57773
Mann-Kendall S Value: 6.0
FE (Ug/L)
Date
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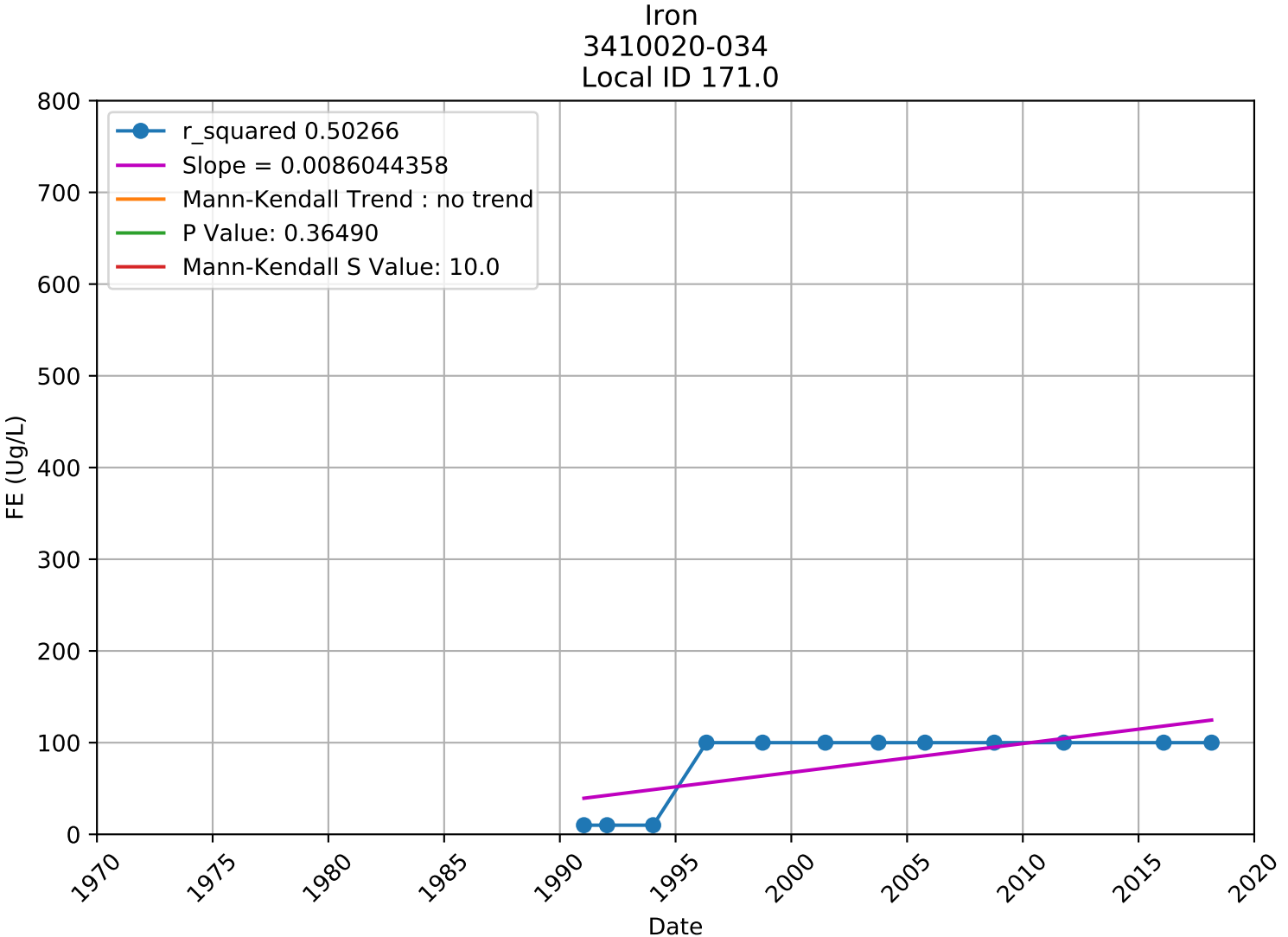

Iron
3410020-028
Local ID 279.0
r_squared 0.18323
Slope = 0.0059951899
Mann-Kendall Trend : no trend
P Value: 0.69680
Mann-Kendall S Value: 6.0
FE (Ug/L)
Date
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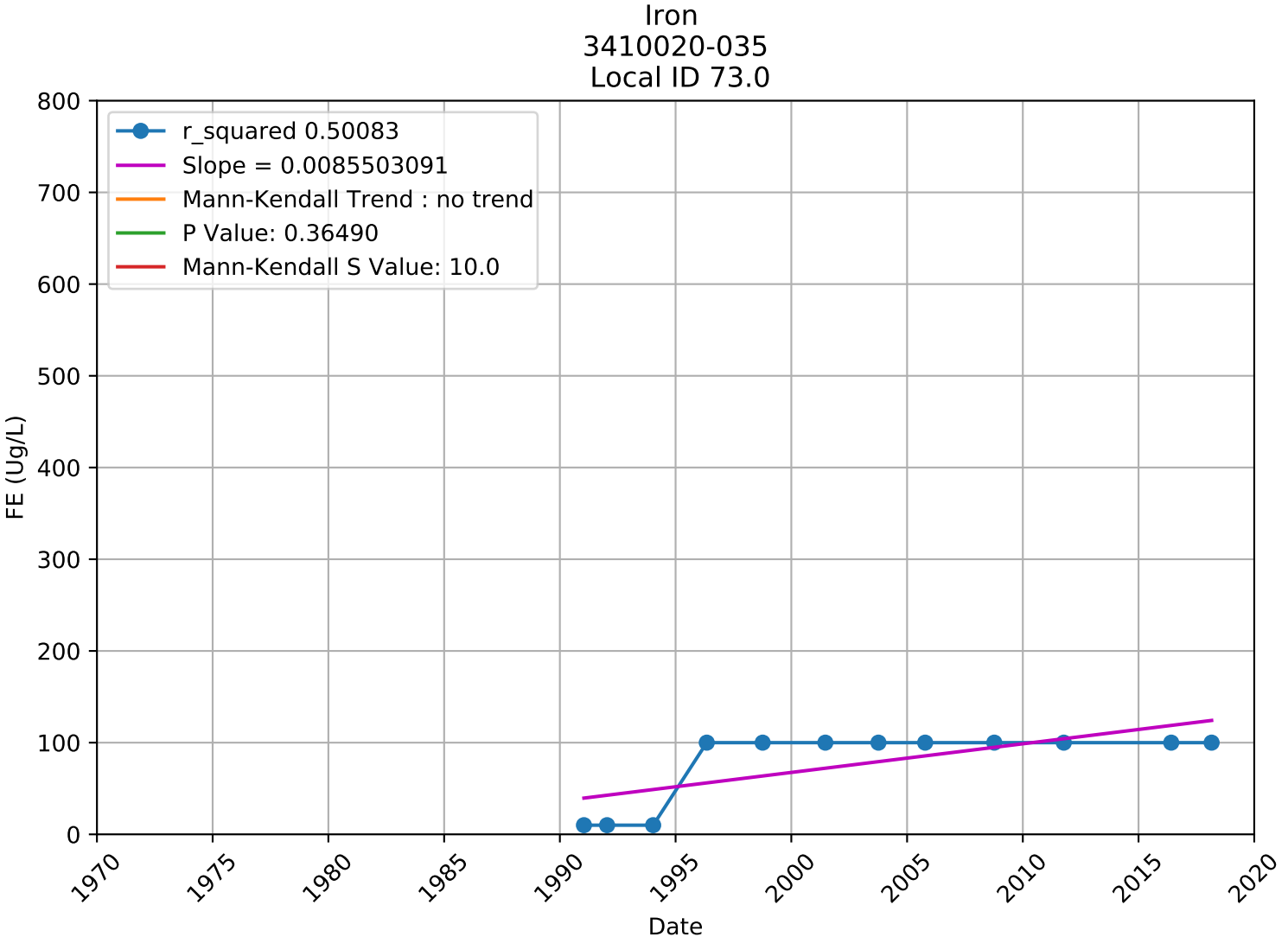

Iron
3410020-029
Local ID 108.0
r_squared 0.00734
Slope = 0.0008498050
Mann-Kendall Trend : no trend
P Value: 0.63804
Mann-Kendall S Value: 4.0
FE (Ug/L)
Date
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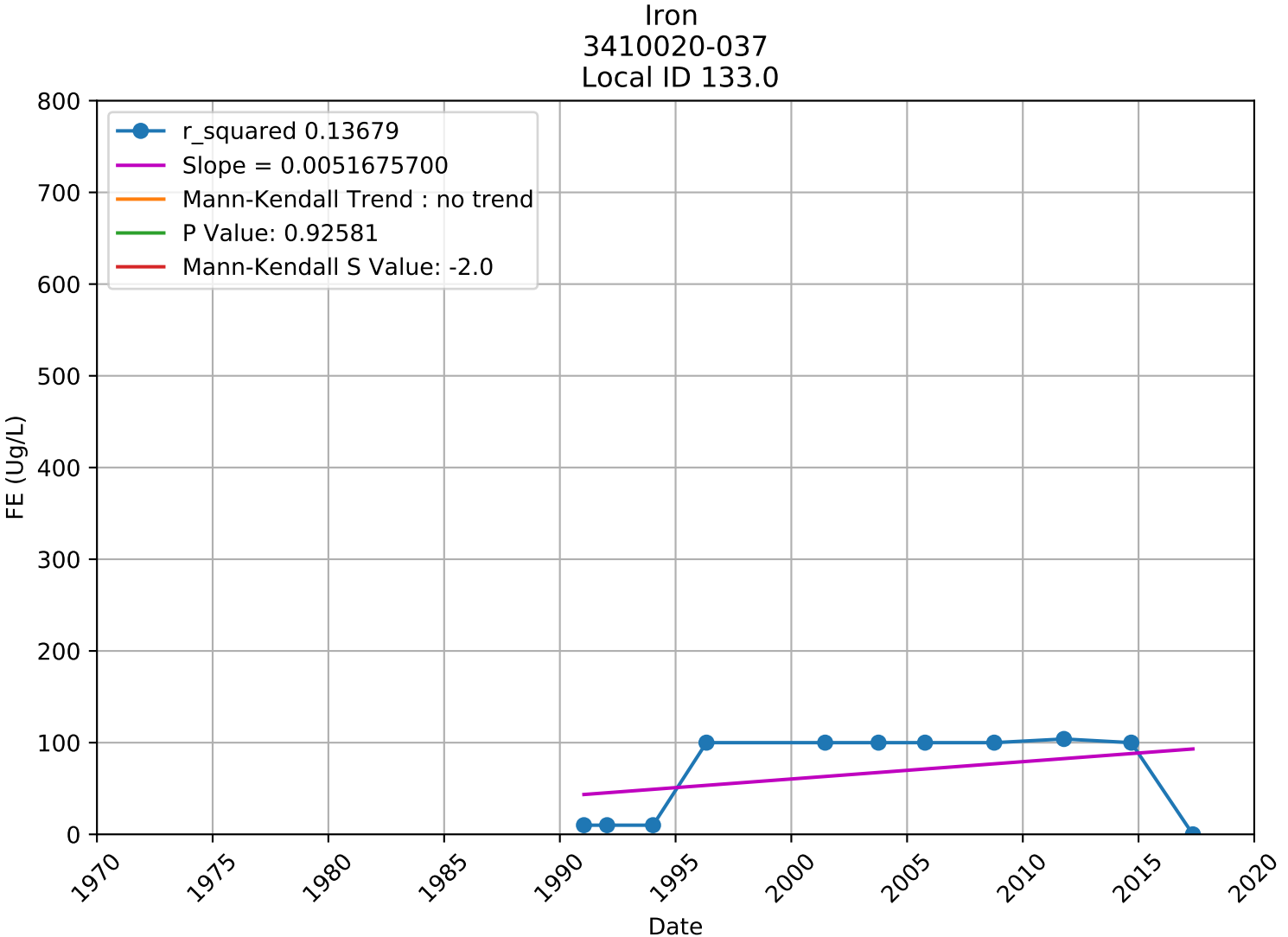

Iron
3410020-030
Local ID 107.0
r_squared 0.13440
Slope = -0.0098596390
Mann-Kendall Trend : no trend
P Value: 0.13633
Mann-Kendall S Value: -15.0
FE (Ug/L)
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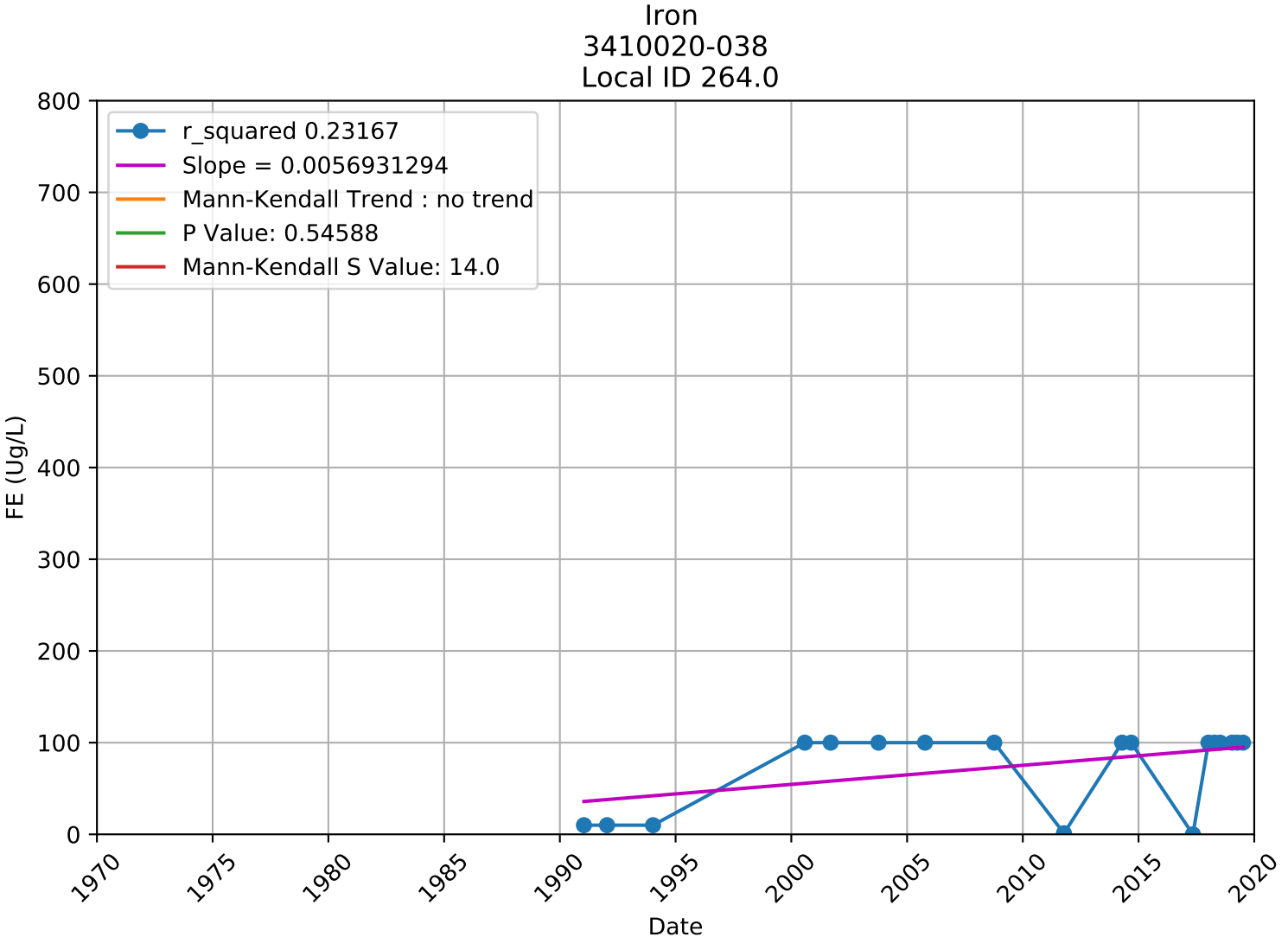

Iron
3410020-032
Local ID 59.0
r_squared 0.03879
Slope = 0.0054888658
Mann-Kendall Trend : no trend
P Value: 0.29522
Mann-Kendall S Value: -41.0
FE (Ug/L)
Date
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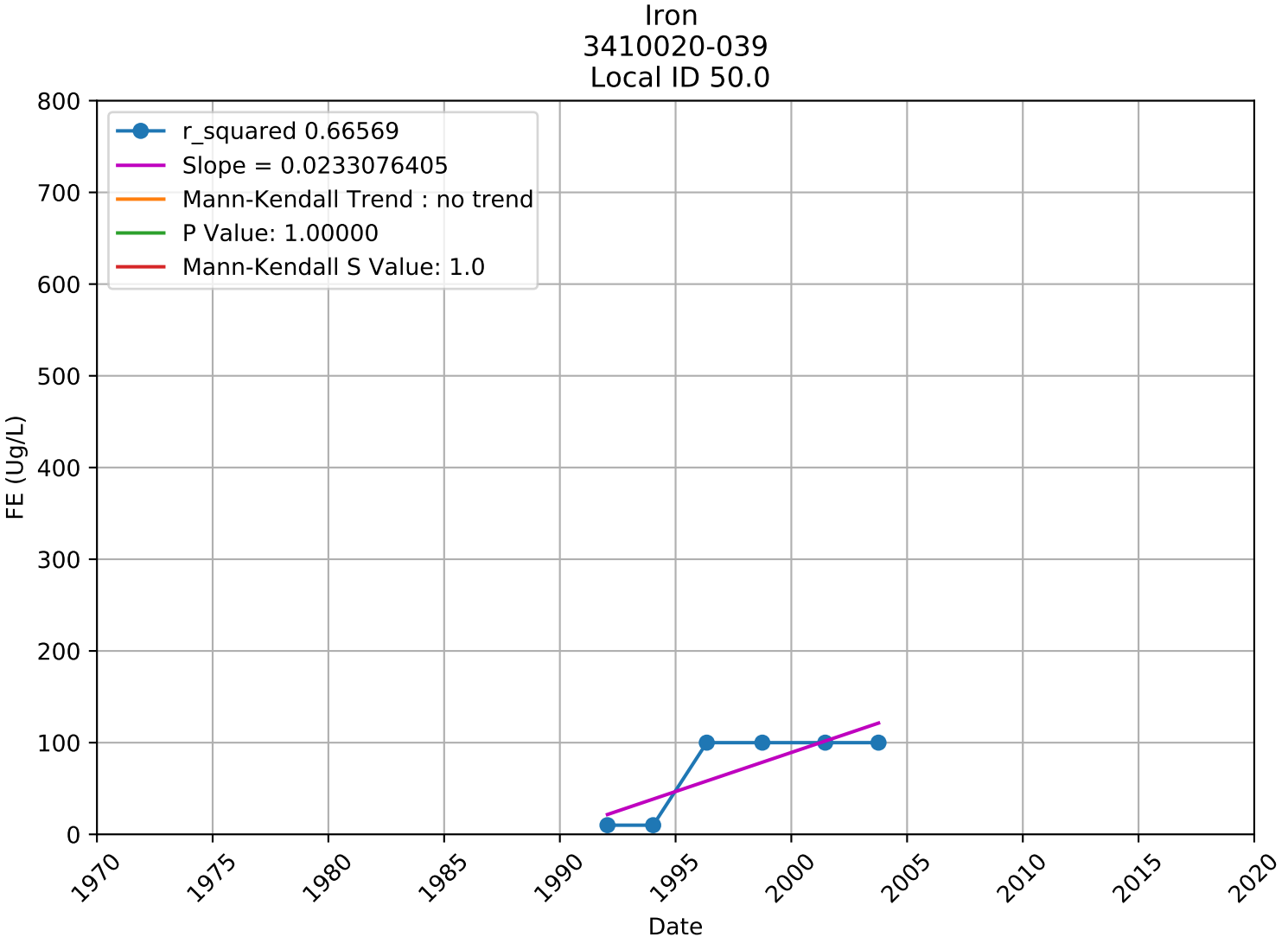

Iron
3410020-033
Local ID 55.0
r_squared 0.05566
Slope = -0.0113218599
Mann-Kendall Trend : no trend
P Value: 0.89432
Mann-Kendall S Value: -2.0
FE (Ug/L)
Date
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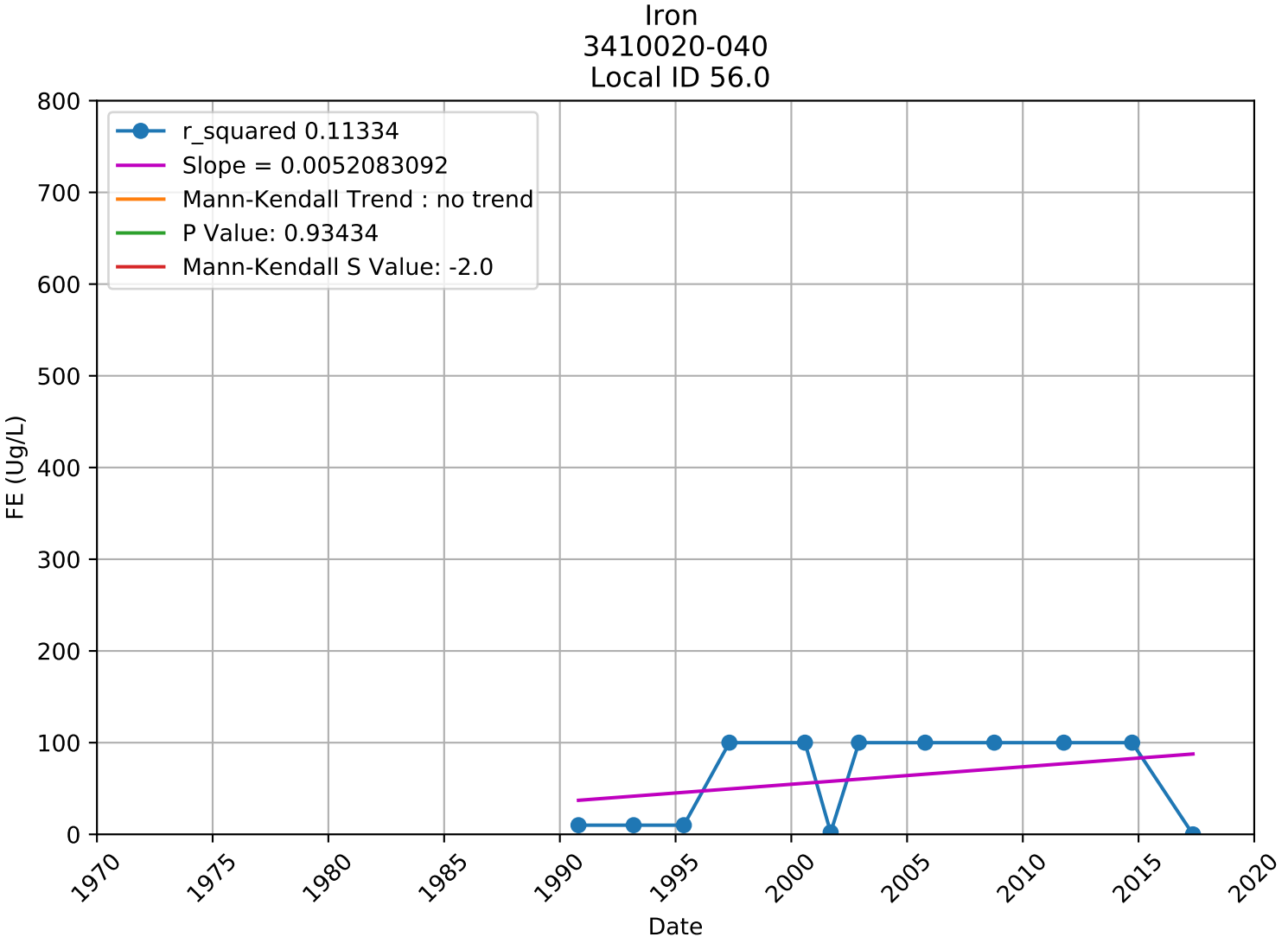

Iron
3410020-034
Local ID 171.0
r_squared 0.50266
Slope = 0.0086044358
Mann-Kendall Trend : no trend
P Value: 0.36490
Mann-Kendall S Value: 10.0
FE (Ug/L)
Date
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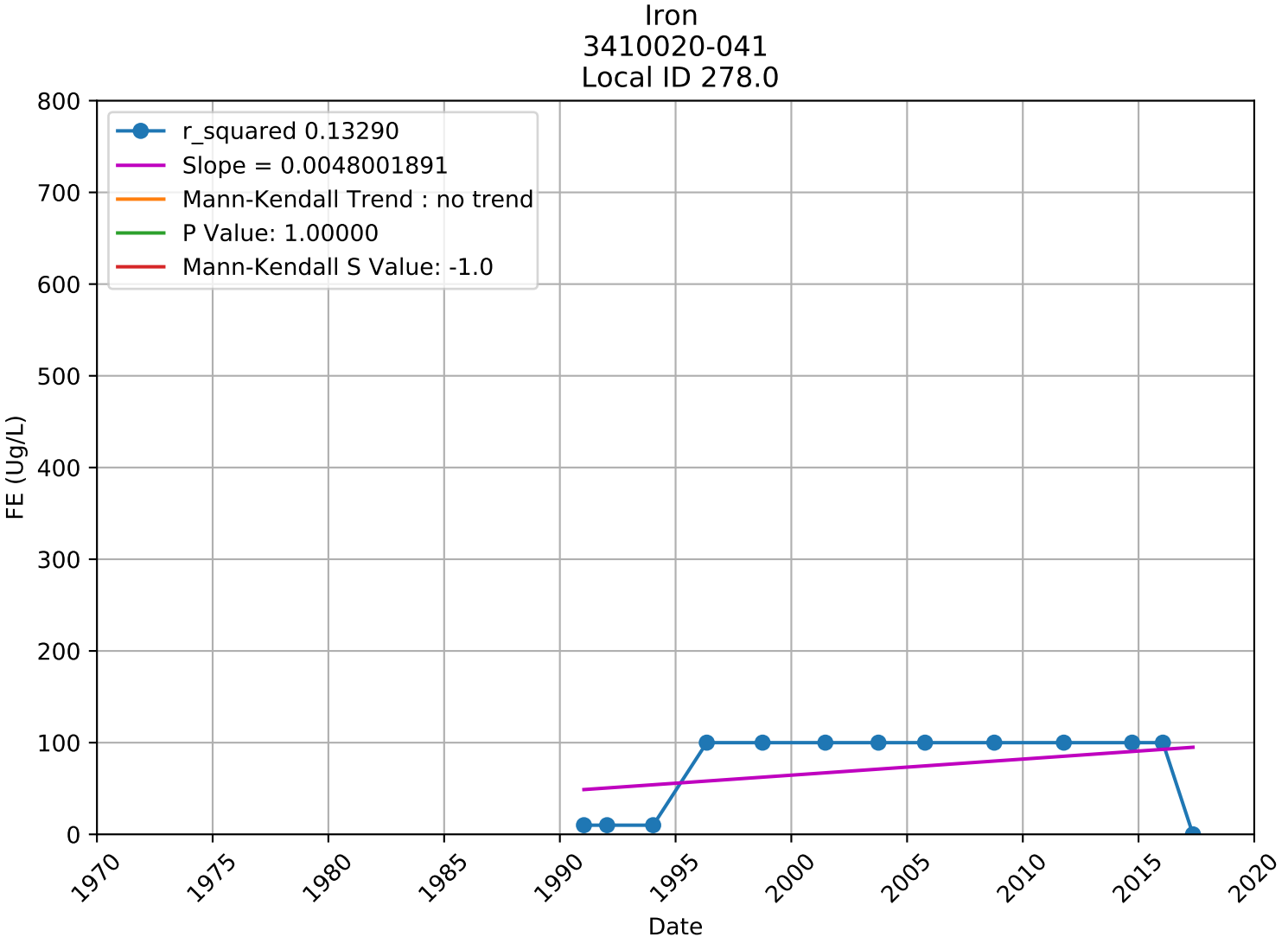

Iron
3410020-035
Local ID 73.0
r_squared 0.50083
Slope = 0.0085503091
Mann-Kendall Trend : no trend
P Value: 0.36490
Mann-Kendall S Value: 10.0
FE (Ug/L)
Date
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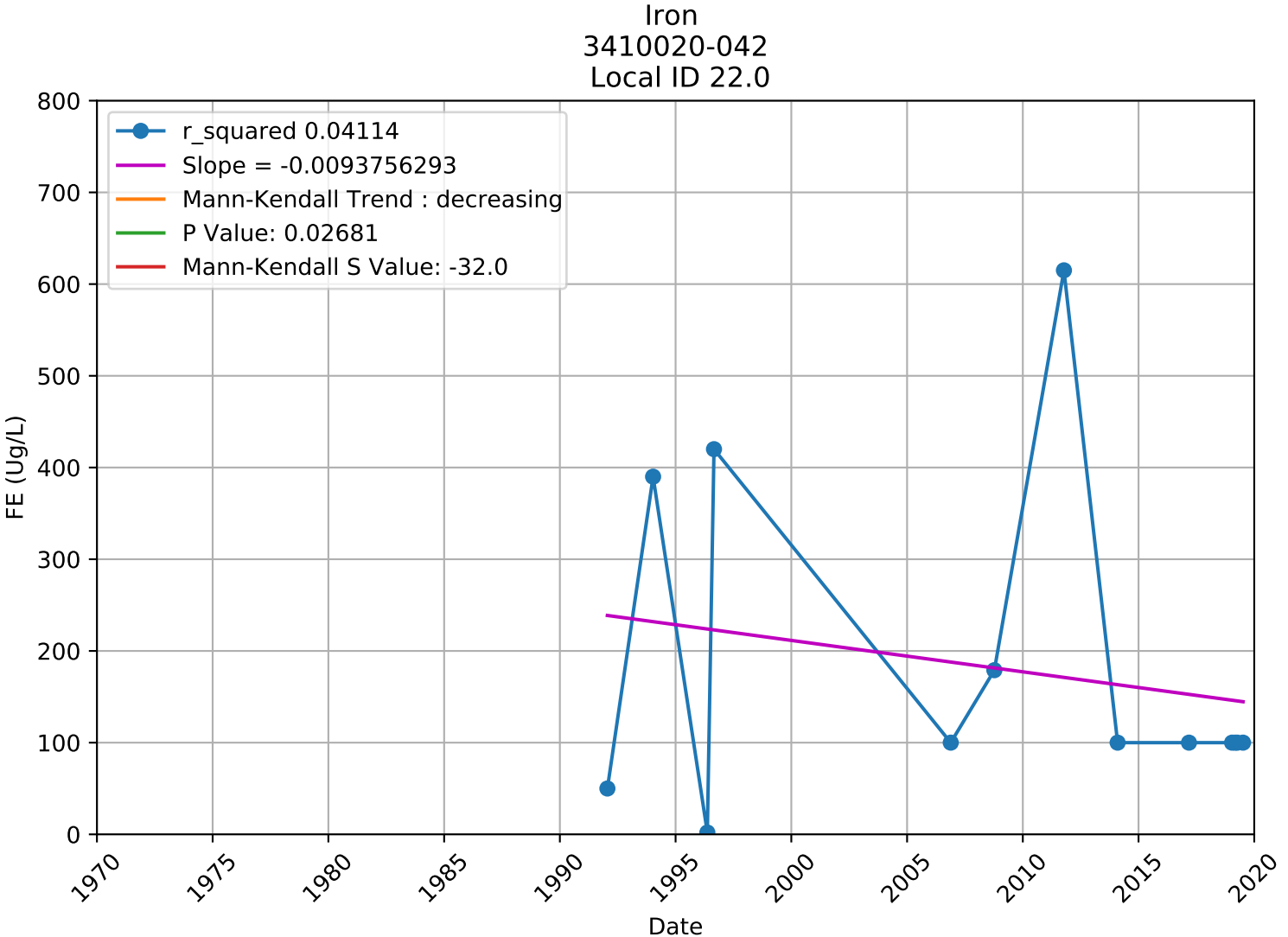

Iron
3410020-037
Local ID 133.0
r_squared 0.13679
Slope = 0.0051675700
Mann-Kendall Trend : no trend
P Value: 0.92581
Mann-Kendall S Value: -2.0
FE (Ug/L)
Date
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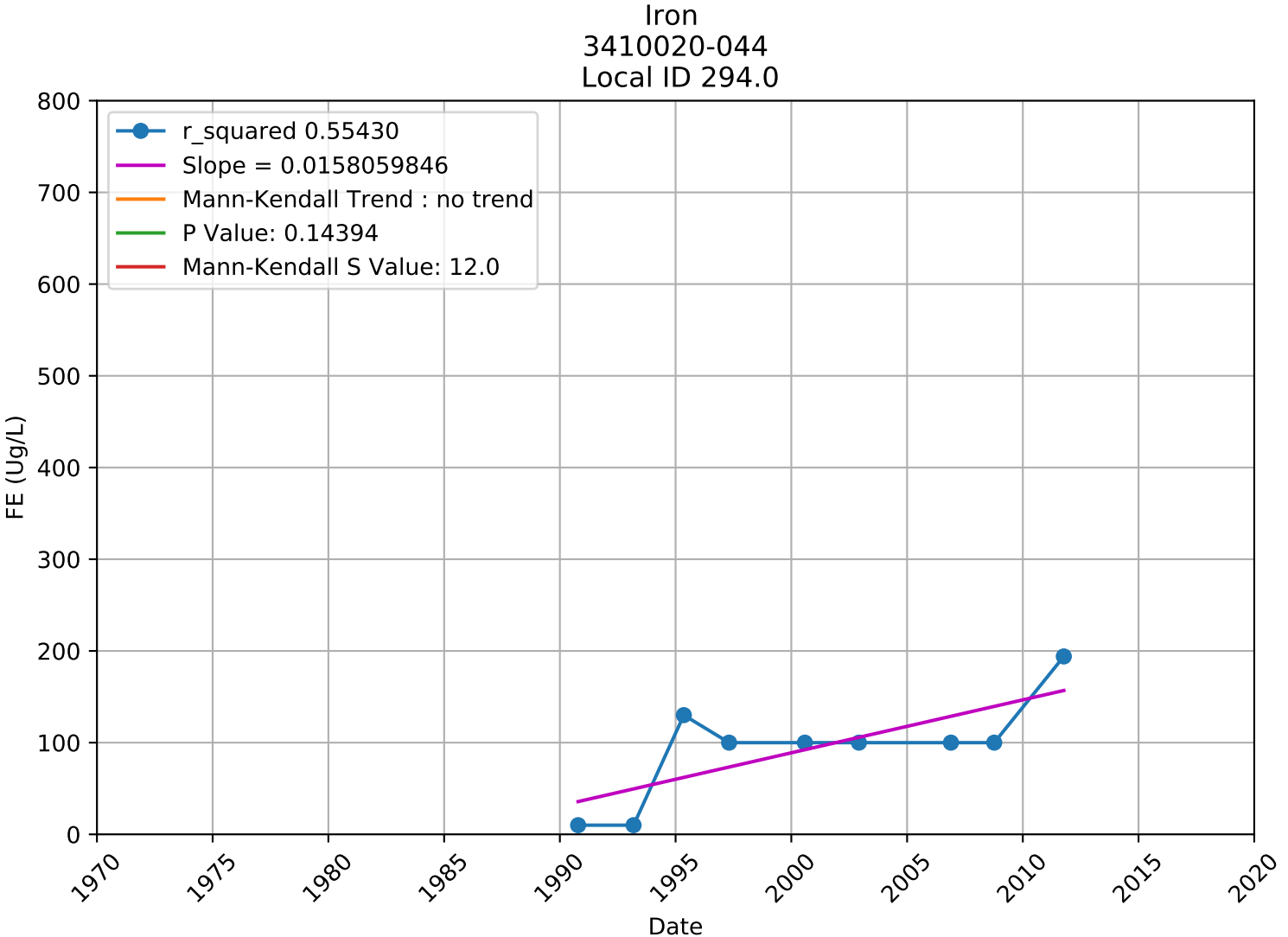

Iron
3410020-038
Local ID 264.0
r_squared 0.23167
Slope = 0.0056931294
Mann-Kendall Trend : no trend
P Value: 0.54588
Mann-Kendall S Value: 14.0
FE (Ug/L)
Date
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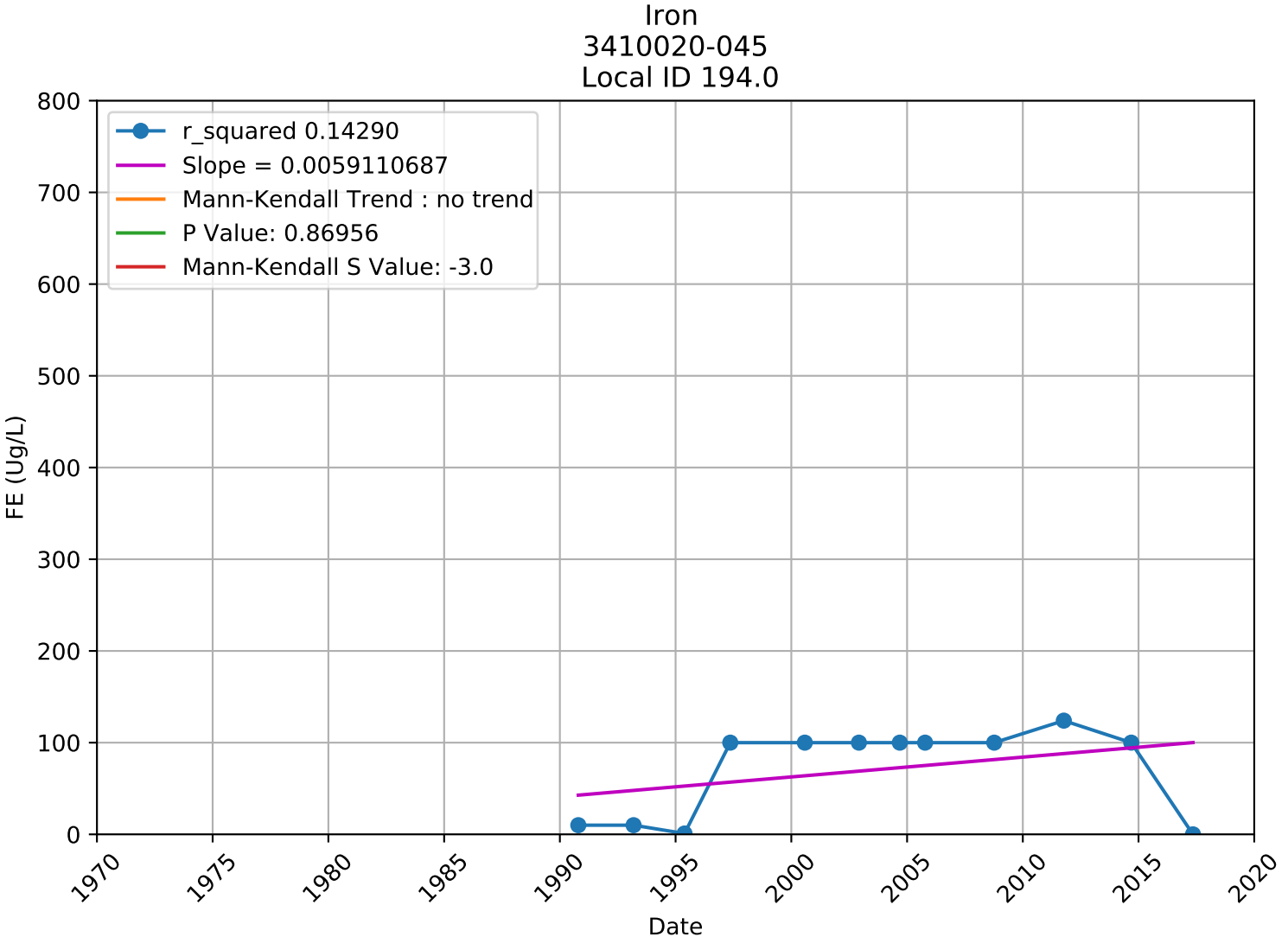

Iron
3410020-039
Local ID 50.0
r_squared 0.66569
Slope = 0.0233076405
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
FE (Ug/L)
Date
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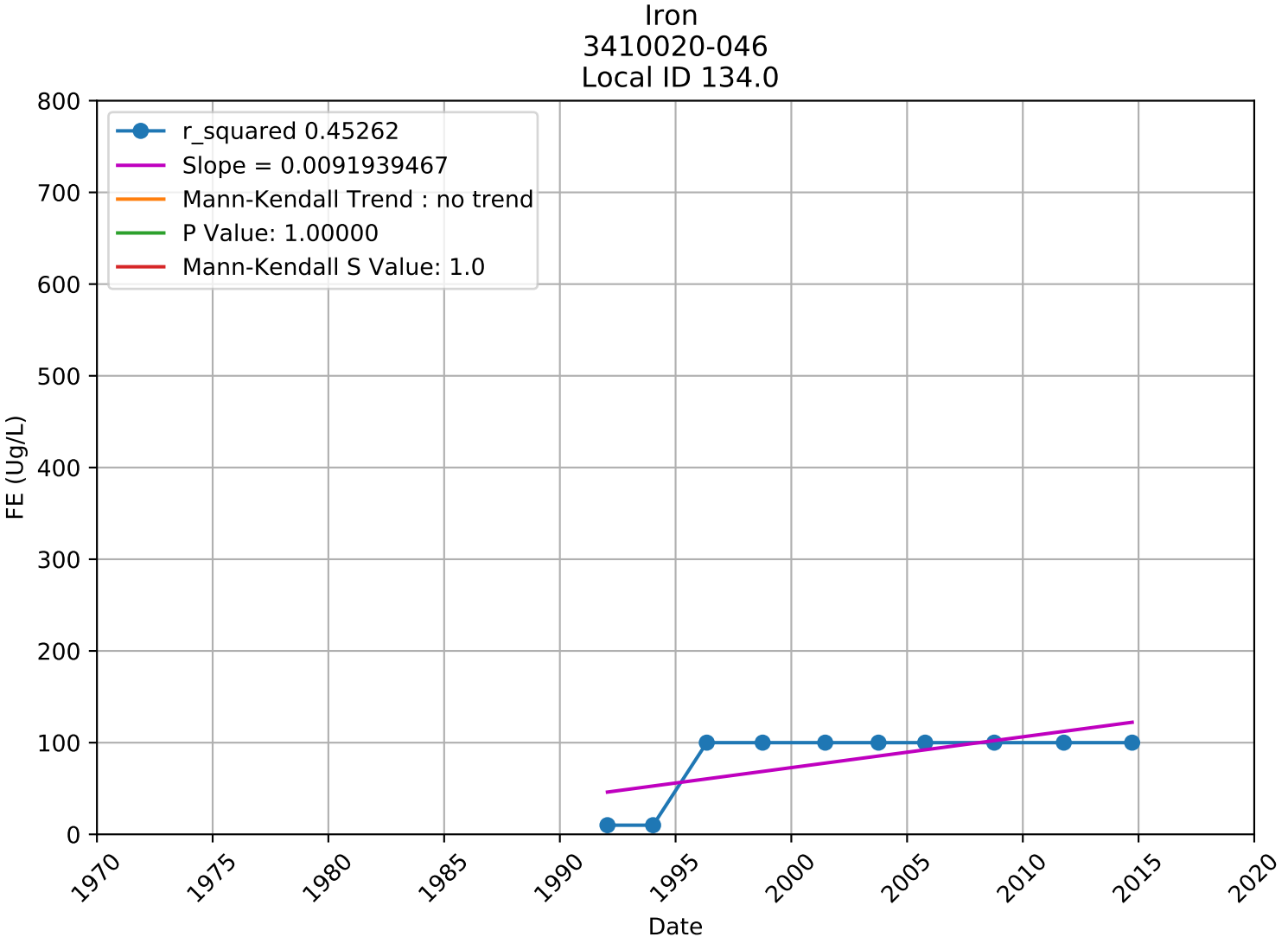

Iron
3410020-040
Local ID 56.0
r_squared 0.11334
Slope = 0.0052083092
Mann-Kendall Trend : no trend
P Value: 0.93434
Mann-Kendall S Value: -2.0
FE (Ug/L)
Date
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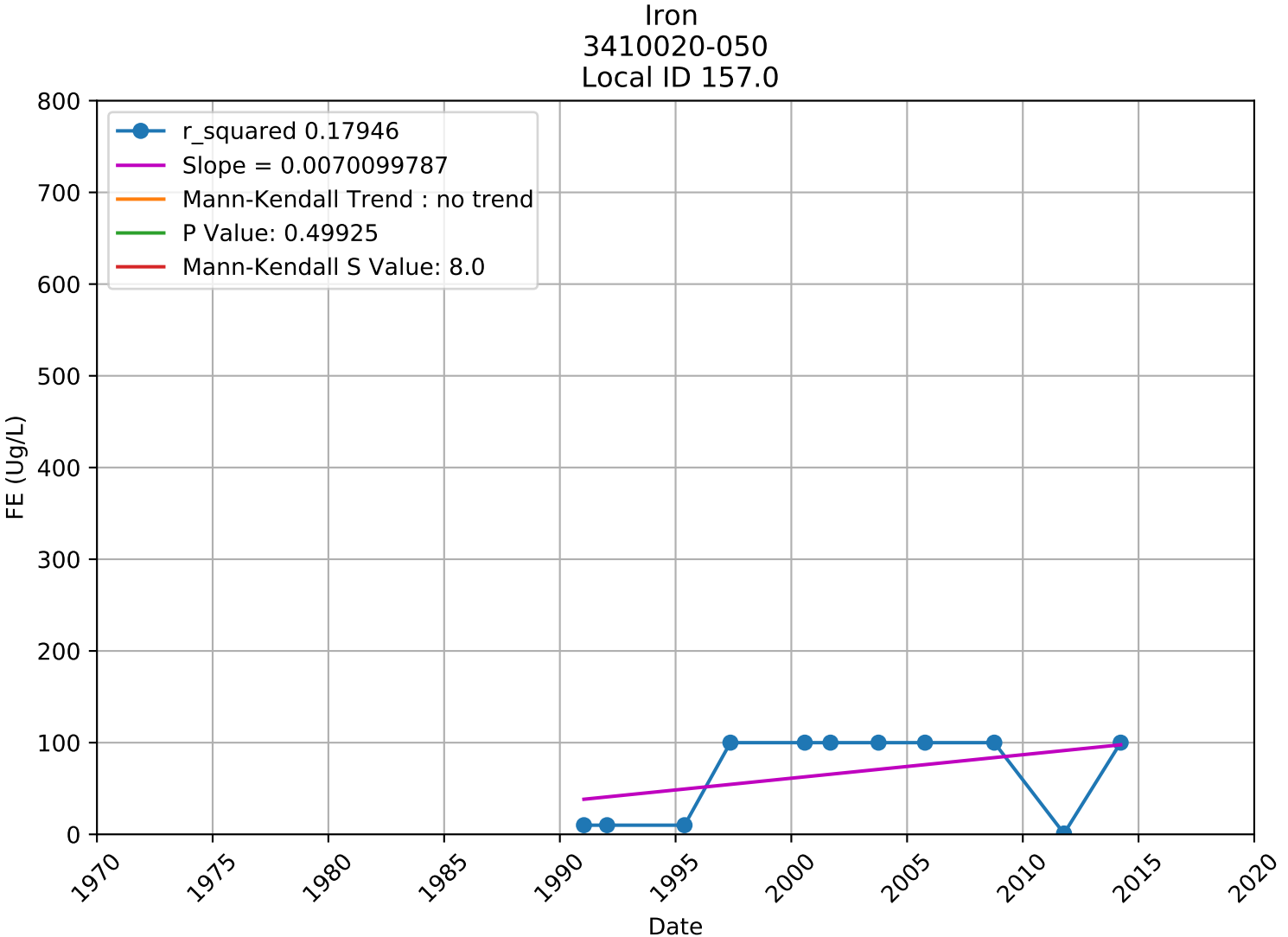

Iron
3410020-041
Local ID 278.0
r_squared 0.13290
Slope = 0.0048001891
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
FE (Ug/L)
Date
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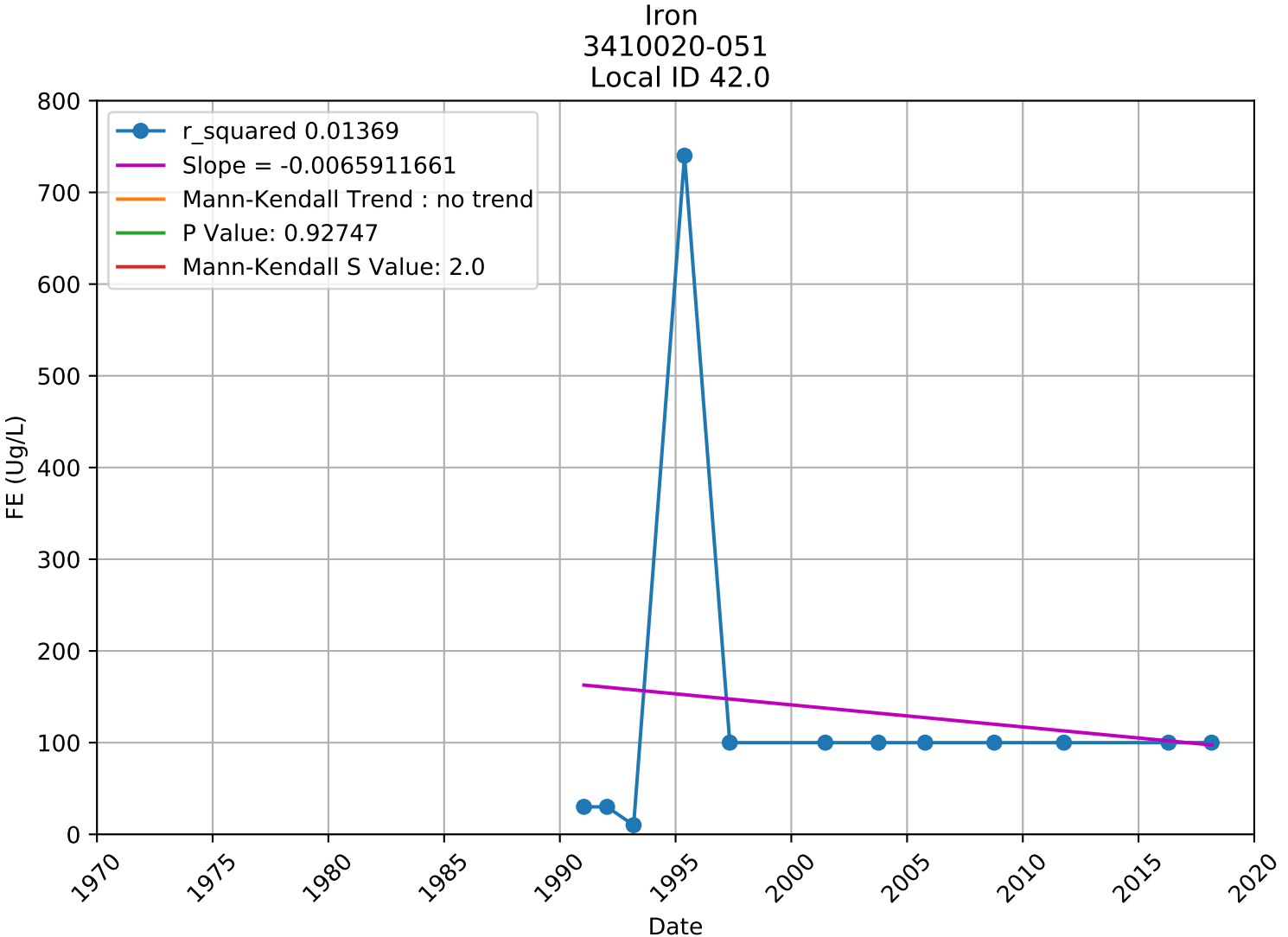

Iron
3410020-042
Local ID 22.0
r_squared 0.04114
Slope = -0.0093756293
Mann-Kendall Trend : decreasing
P Value: 0.02681
Mann-Kendall S Value: -32.0
FE (Ug/L)
Date
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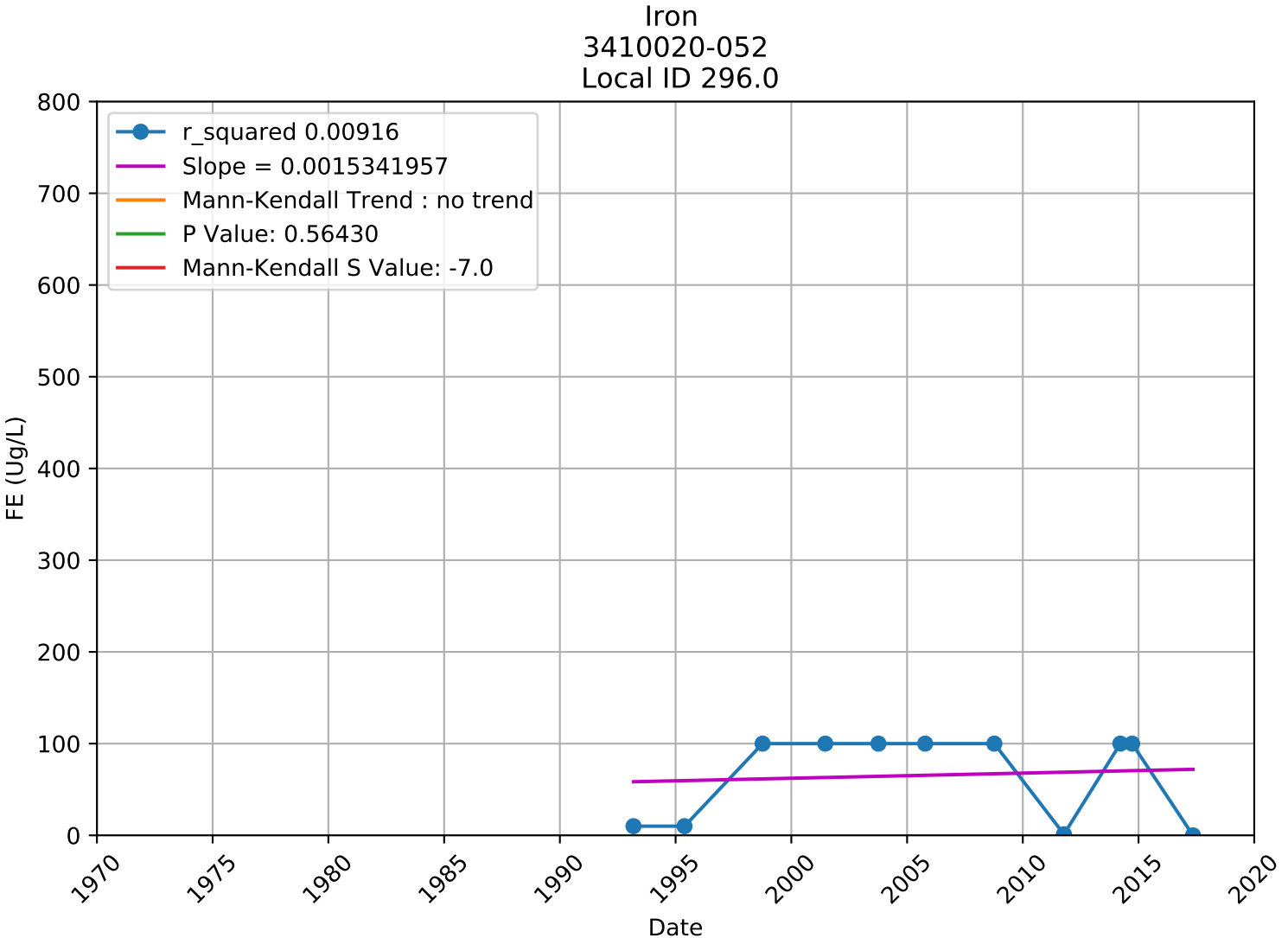

Iron
3410020-044
Local ID 294.0
r_squared 0.55430
Slope = 0.0158059846
Mann-Kendall Trend : no trend
P Value: 0.14394
Mann-Kendall S Value: 12.0
FE (Ug/L)
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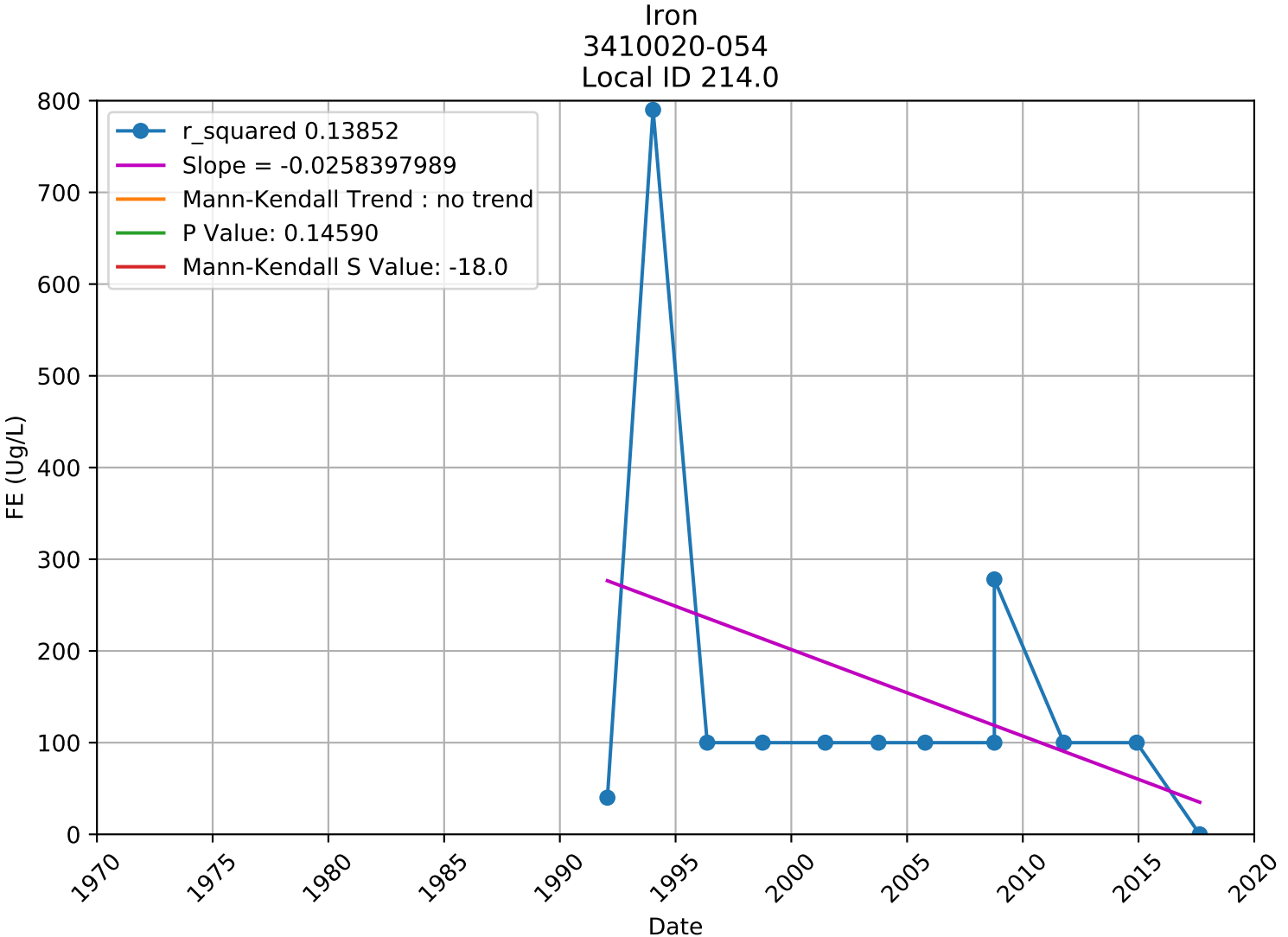

Iron
3410020-045
Local ID 194.0
r_squared 0.14290
Slope = 0.0059110687
Mann-Kendall Trend : no trend
P Value: 0.86956
Mann-Kendall S Value: -3.0
FE (Ug/L)
Date
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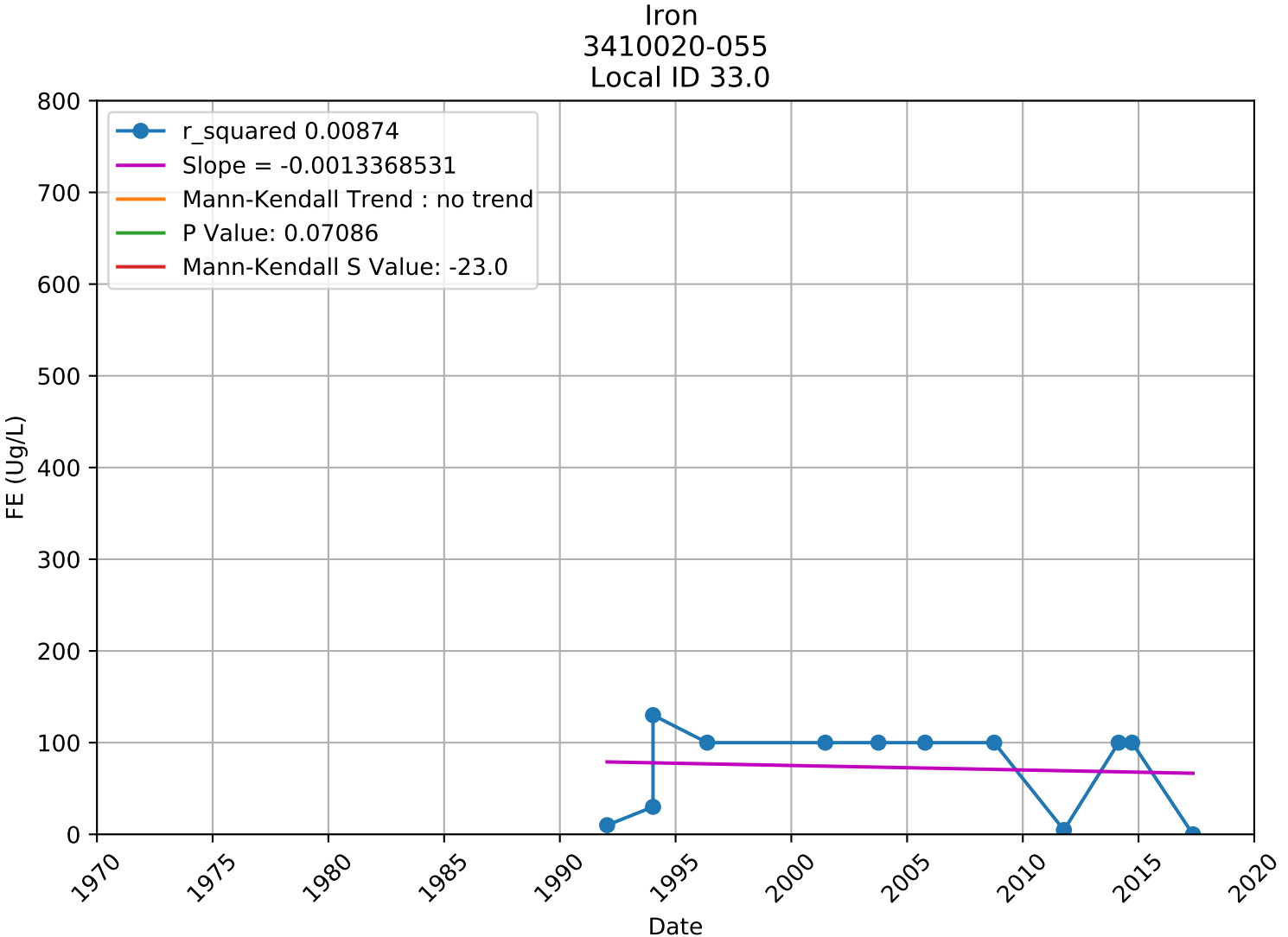

Iron
3410020-046
Local ID 134.0
r_squared 0.45262
Slope = 0.0091939467
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
FE (Ug/L)
Date
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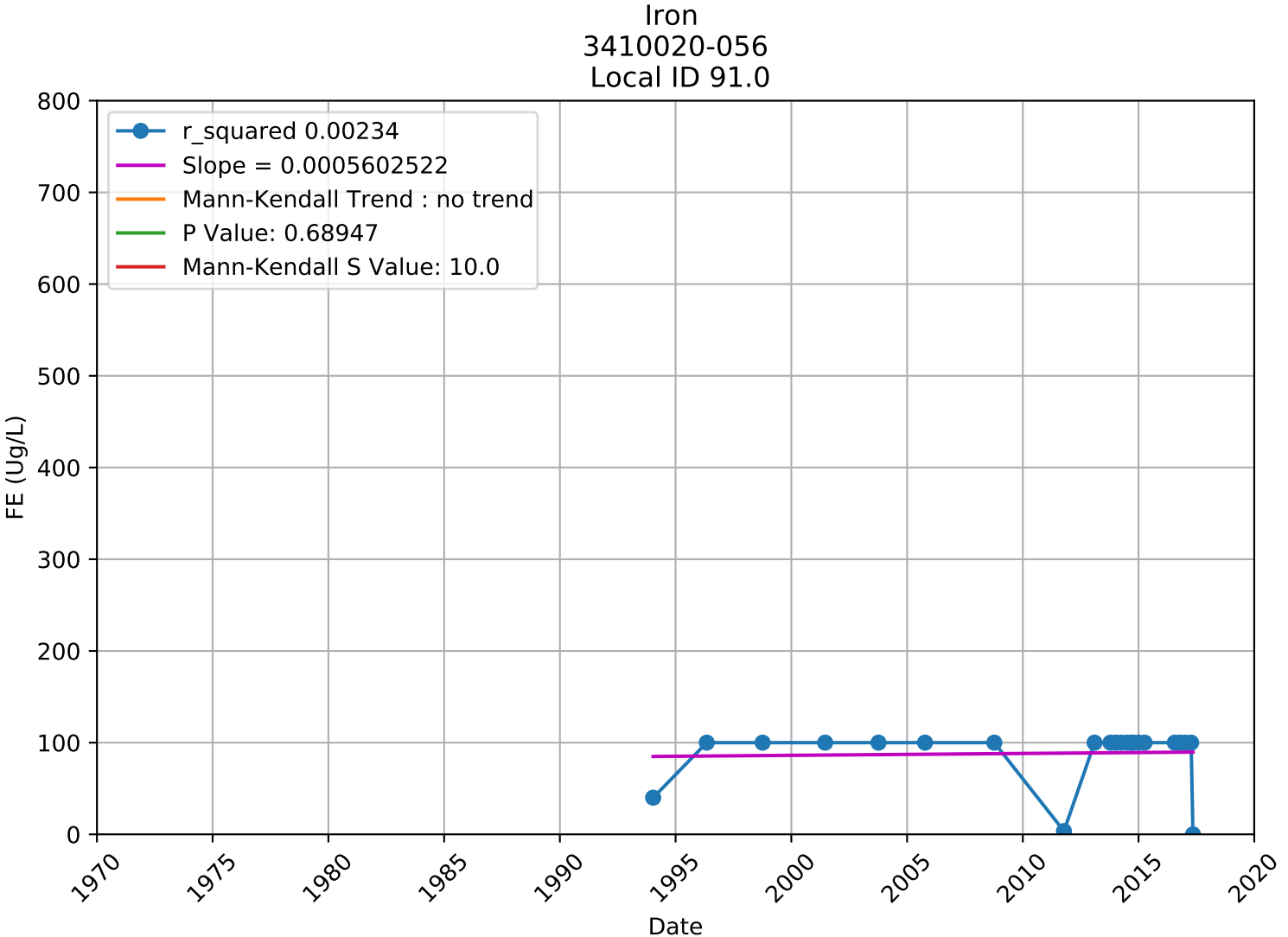

Iron
3410020-050
Local ID 157.0
r_squared 0.17946
Slope = 0.0070099787
Mann-Kendall Trend : no trend
P Value: 0.49925
Mann-Kendall S Value: 8.0
FE (Ug/L)
Date
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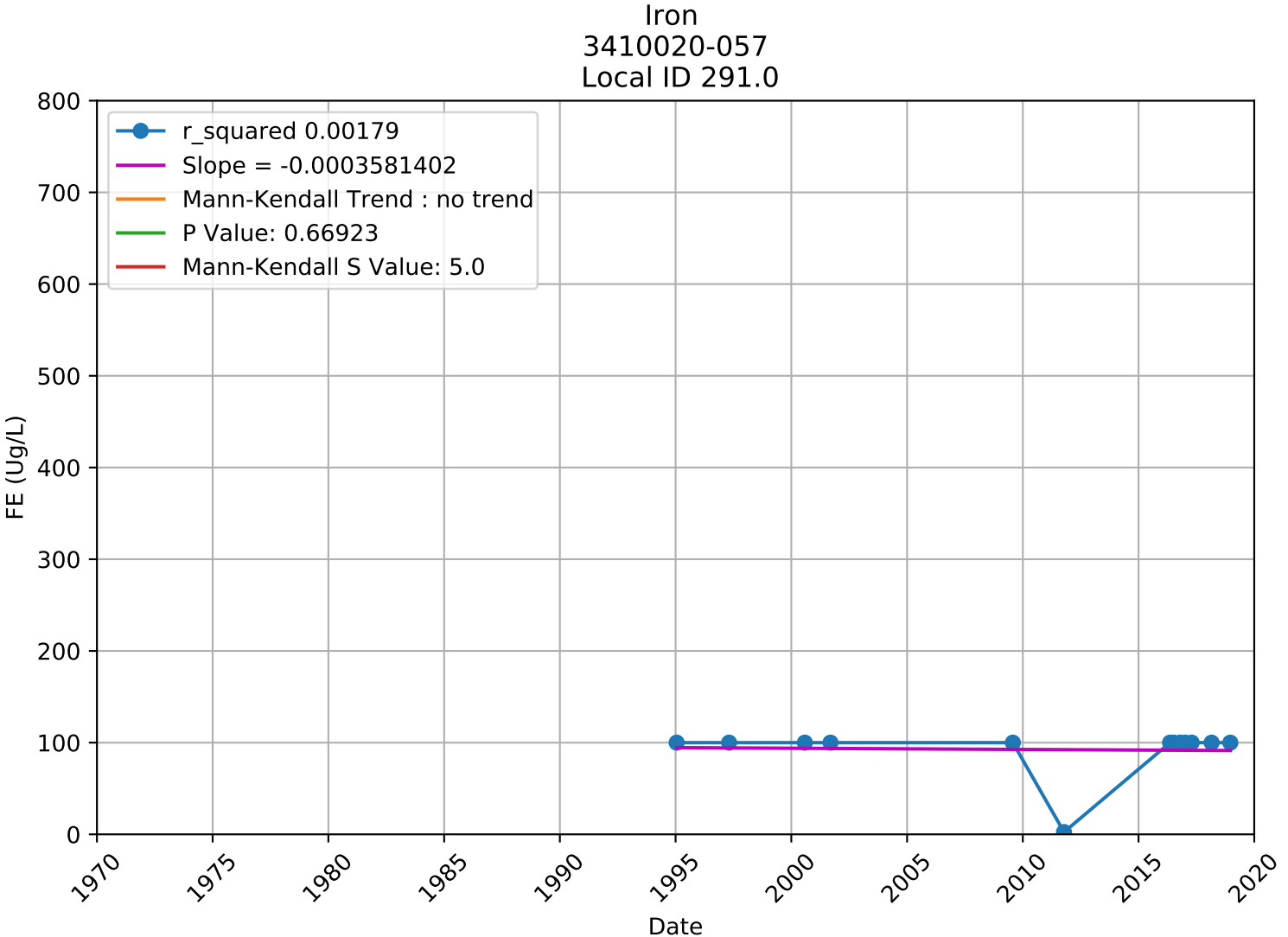

Iron
3410020-051
Local ID 42.0
r_squared 0.01369
Slope = -0.0065911661
Mann-Kendall Trend : no trend
P Value: 0.92747
Mann-Kendall S Value: 2.0
FE (Ug/L)
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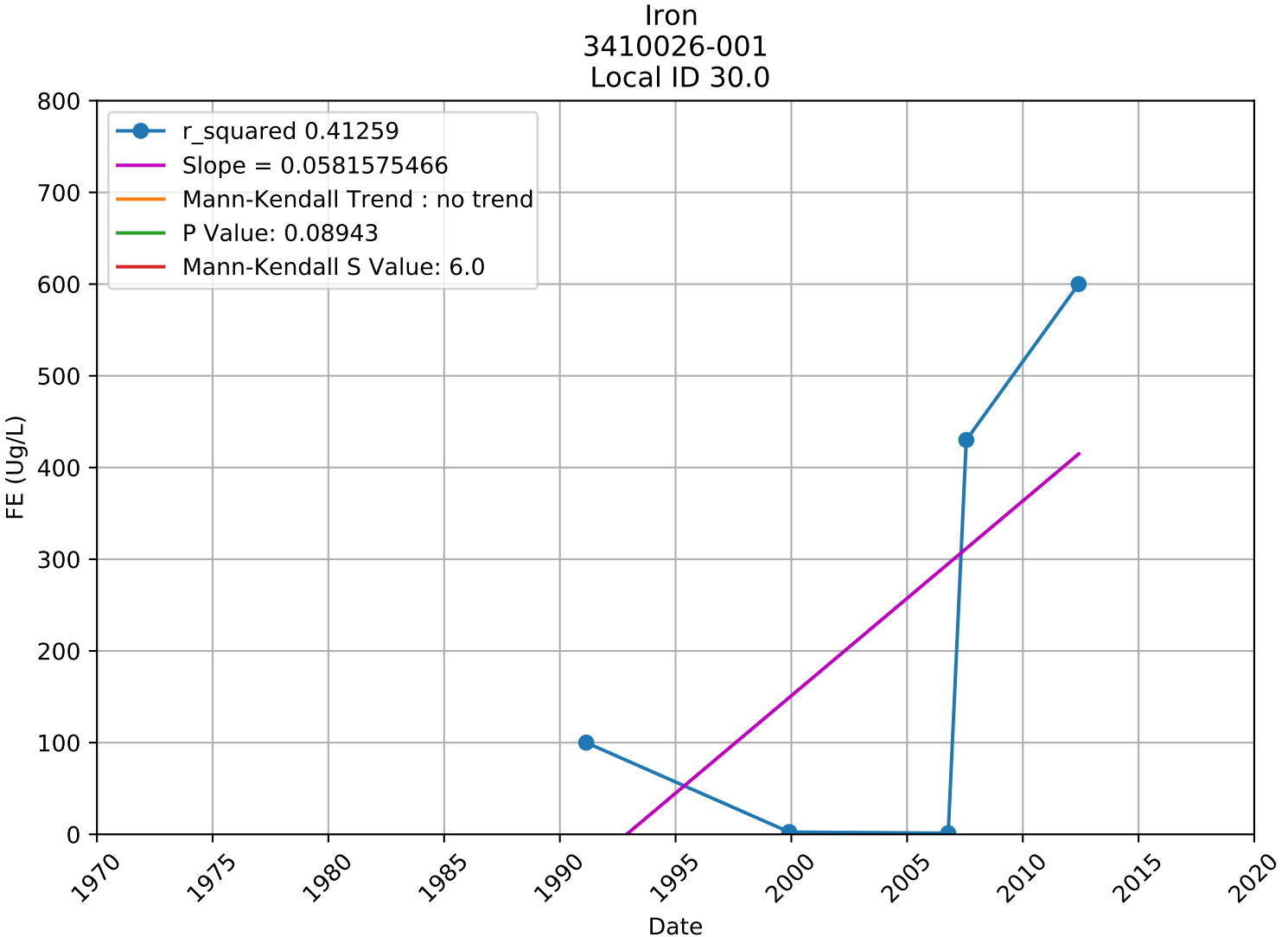

Iron
3410020-052
Local ID 296.0
r_squared 0.00916
Slope = 0.0015341957
Mann-Kendall Trend : no trend
P Value: 0.56430
Mann-Kendall S Value: -7.0
FE (Ug/L)
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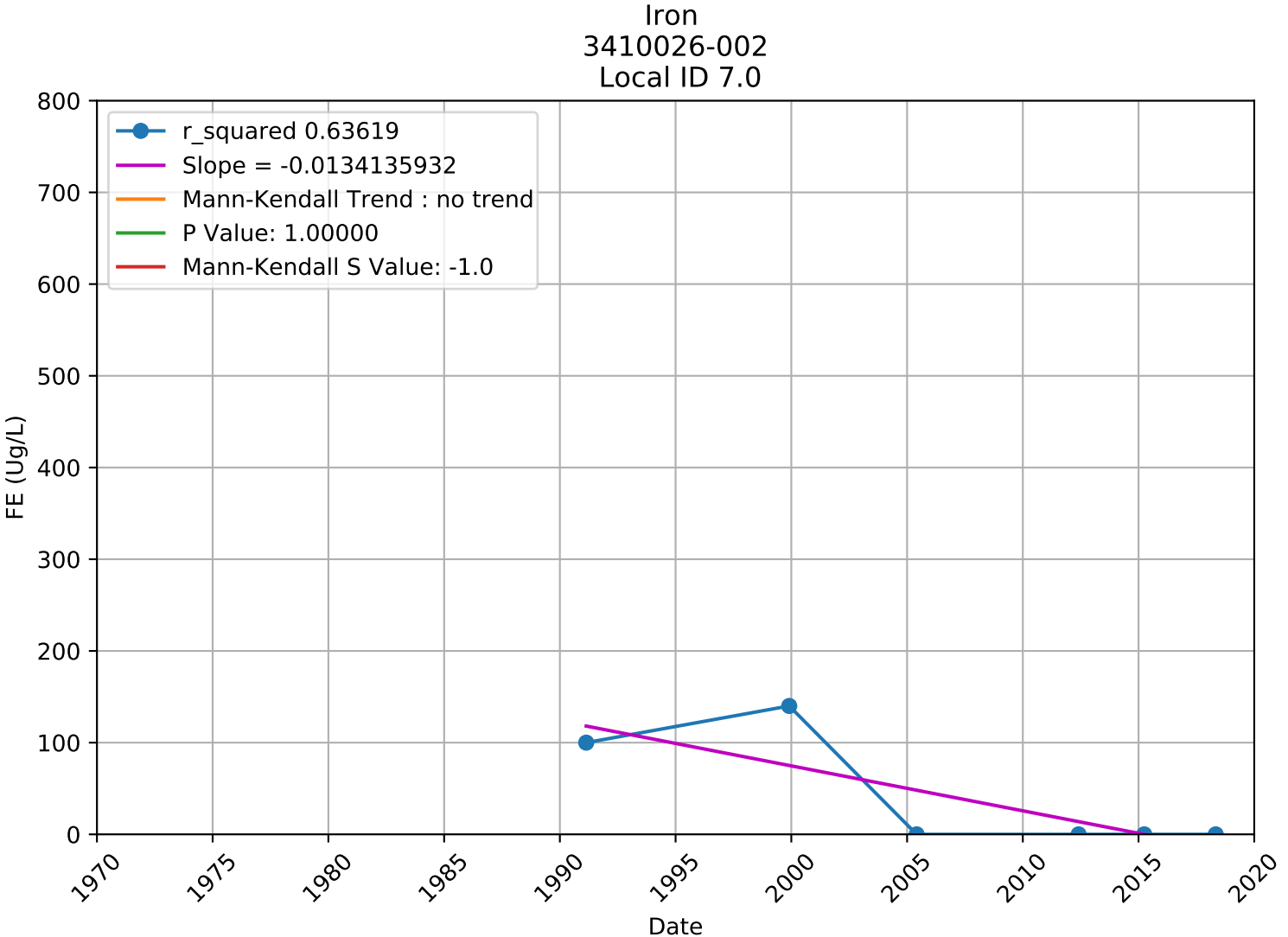

Iron
3410020-054
Local ID 214.0
r_squared 0.13852
Slope = -0.0258397989
Mann-Kendall Trend : no trend
P Value: 0.14590
Mann-Kendall S Value: -18.0
FE (Ug/L)
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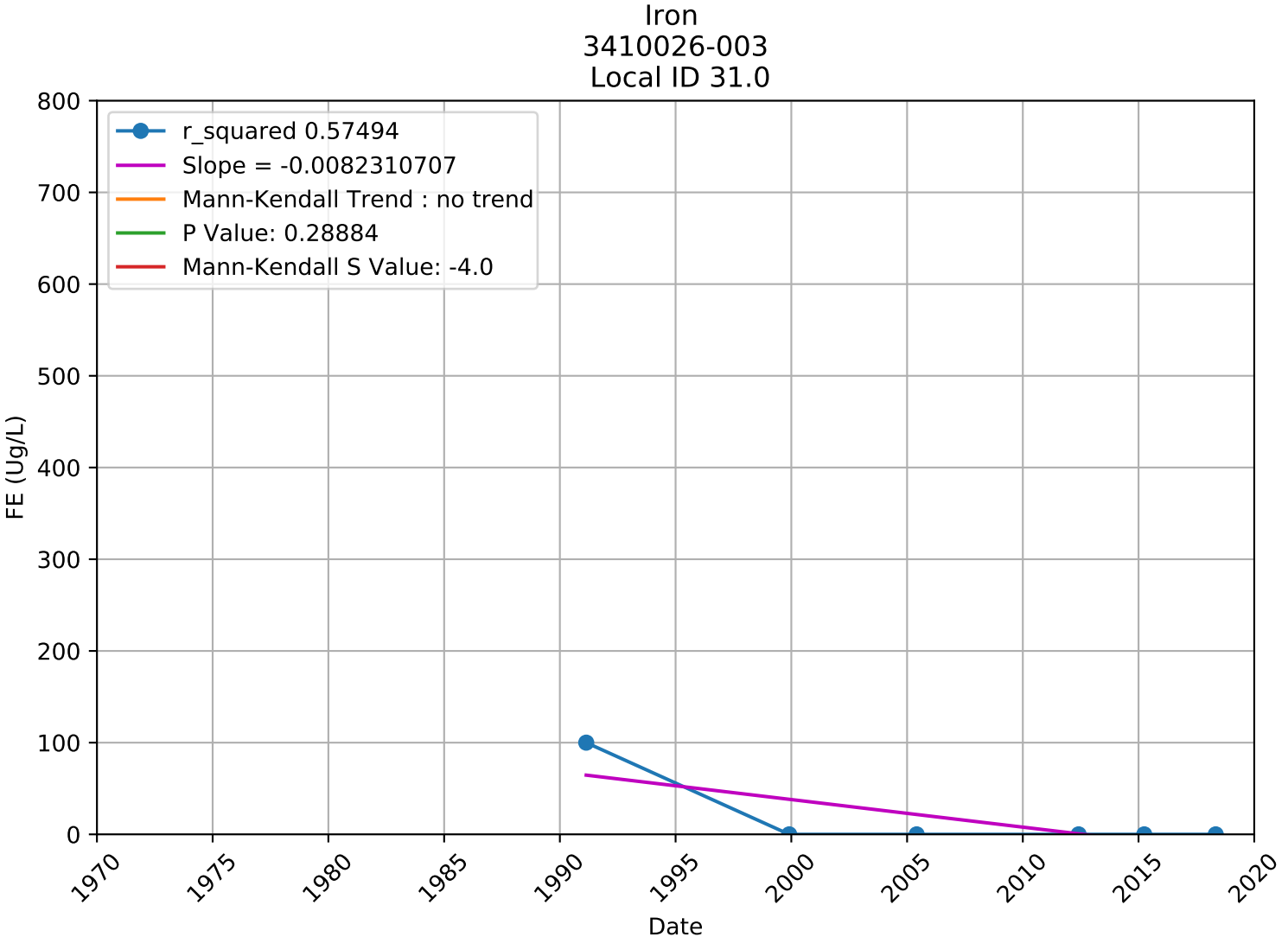

Iron
3410020-055
Local ID 33.0
r_squared 0.00874
Slope = -0.0013368531
Mann-Kendall Trend : no trend
P Value: 0.07086
Mann-Kendall S Value: -23.0
FE (Ug/L)
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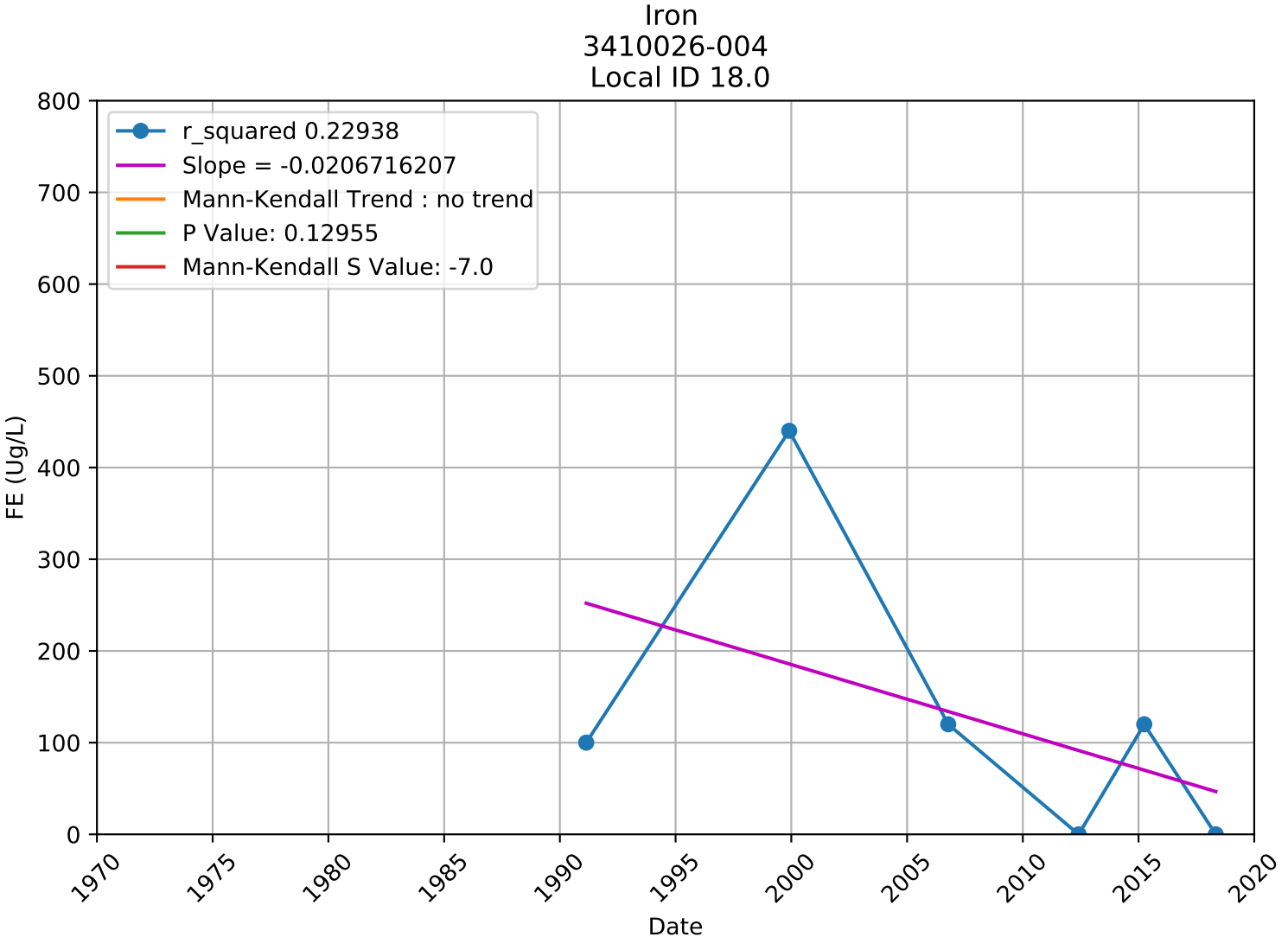

Iron
3410020-056
Local ID 91.0
r_squared 0.00234
Slope = 0.0005602522
Mann-Kendall Trend : no trend
P Value: 0.68947
Mann-Kendall S Value: 10.0
FE (Ug/L)
Date
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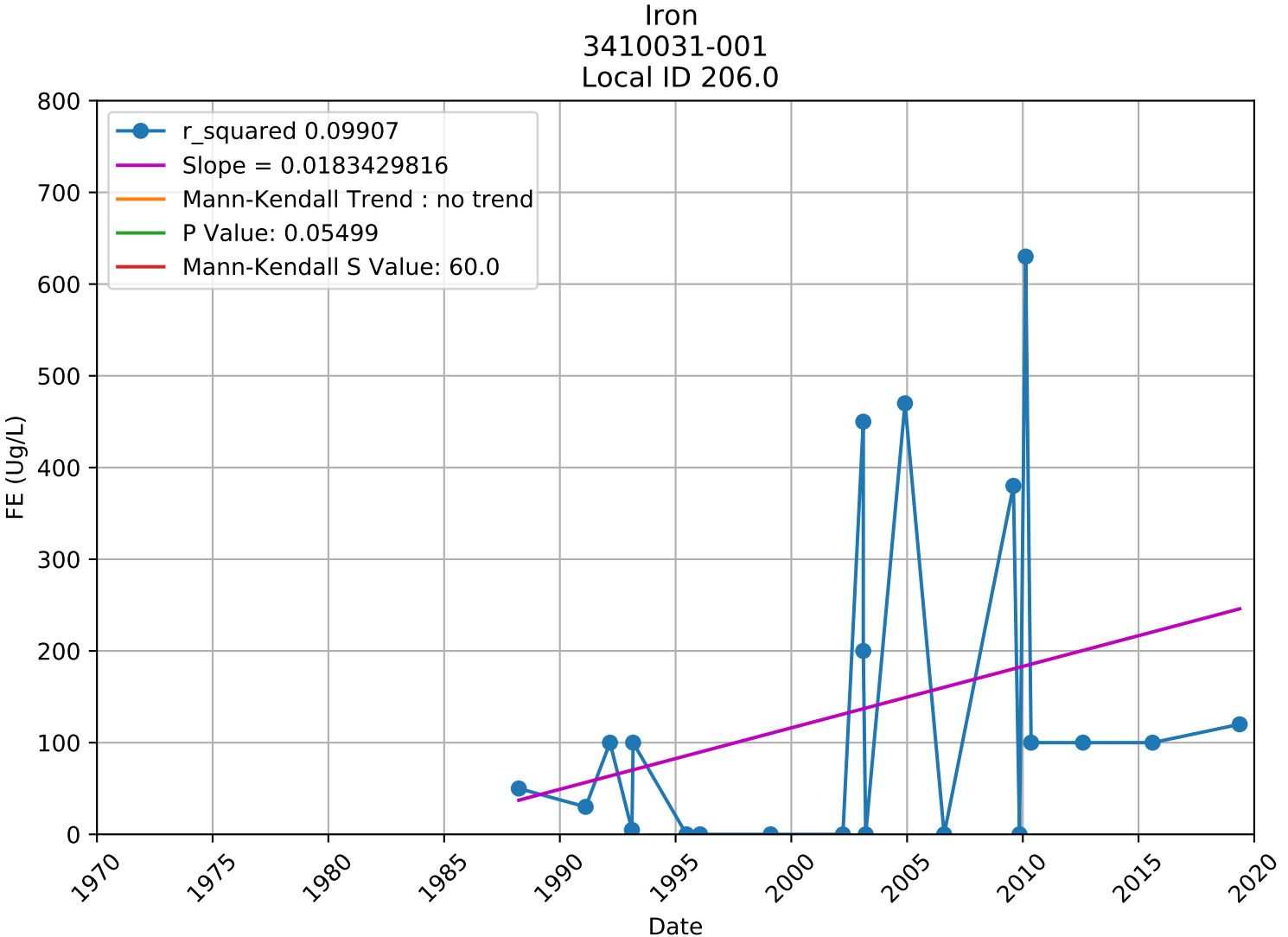

Iron
3410020-057
Local ID 291.0
r_squared 0.00179
Slope = -0.0003581402
Mann-Kendall Trend : no trend
P Value: 0.66923
Mann-Kendall S Value: 5.0
FE (Ug/L)
Date
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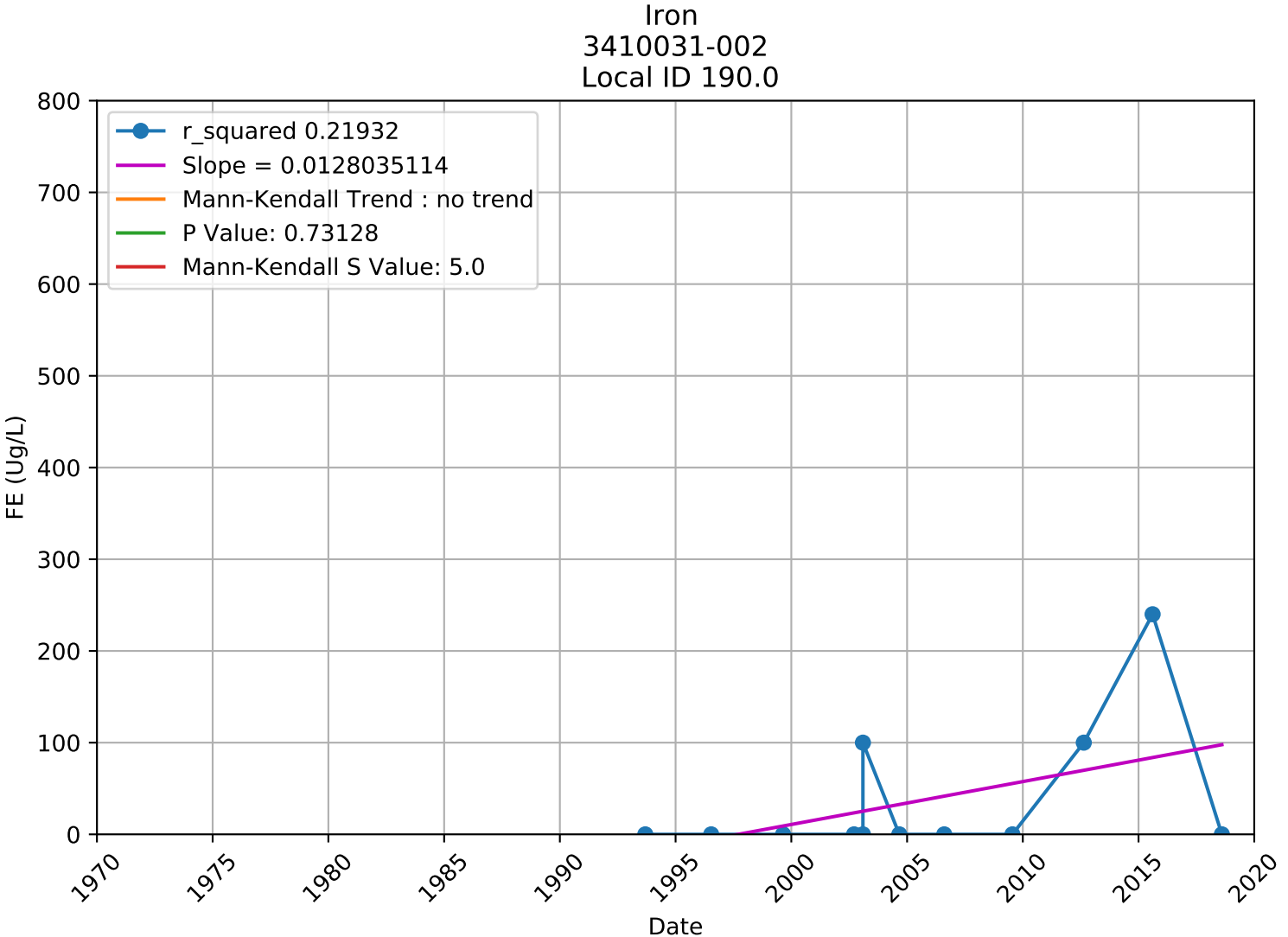

Iron
3410026-001
Local ID 30.0
r_squared 0.41259
Slope = 0.0581575466
Mann-Kendall Trend : no trend
P Value: 0.08943
Mann-Kendall S Value: 6.0
FE (Ug/L)
Date
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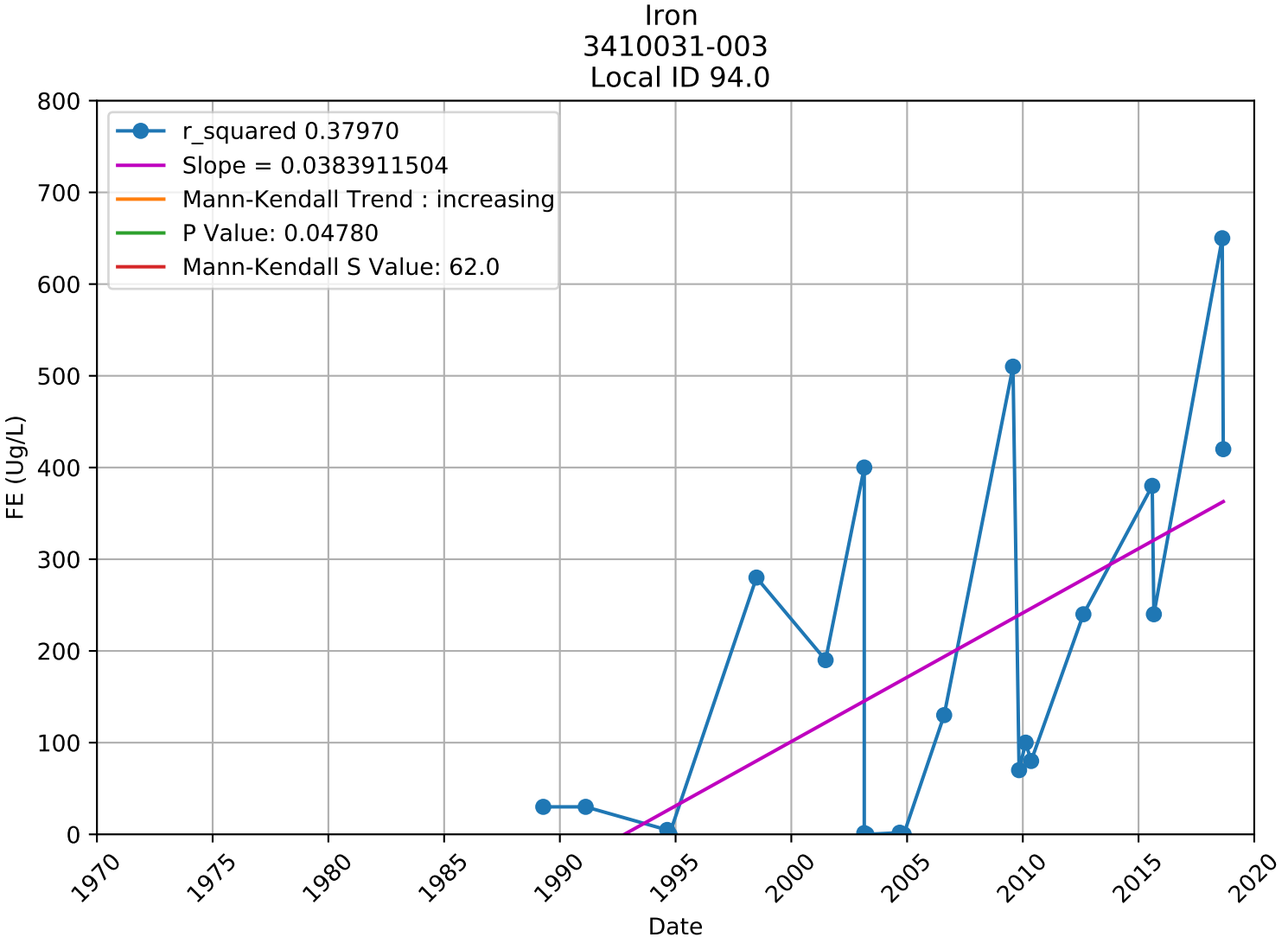

Iron
3410026-002
Local ID 7.0
r_squared 0.63619
Slope = -0.0134135932
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
FE (Ug/L)
Date
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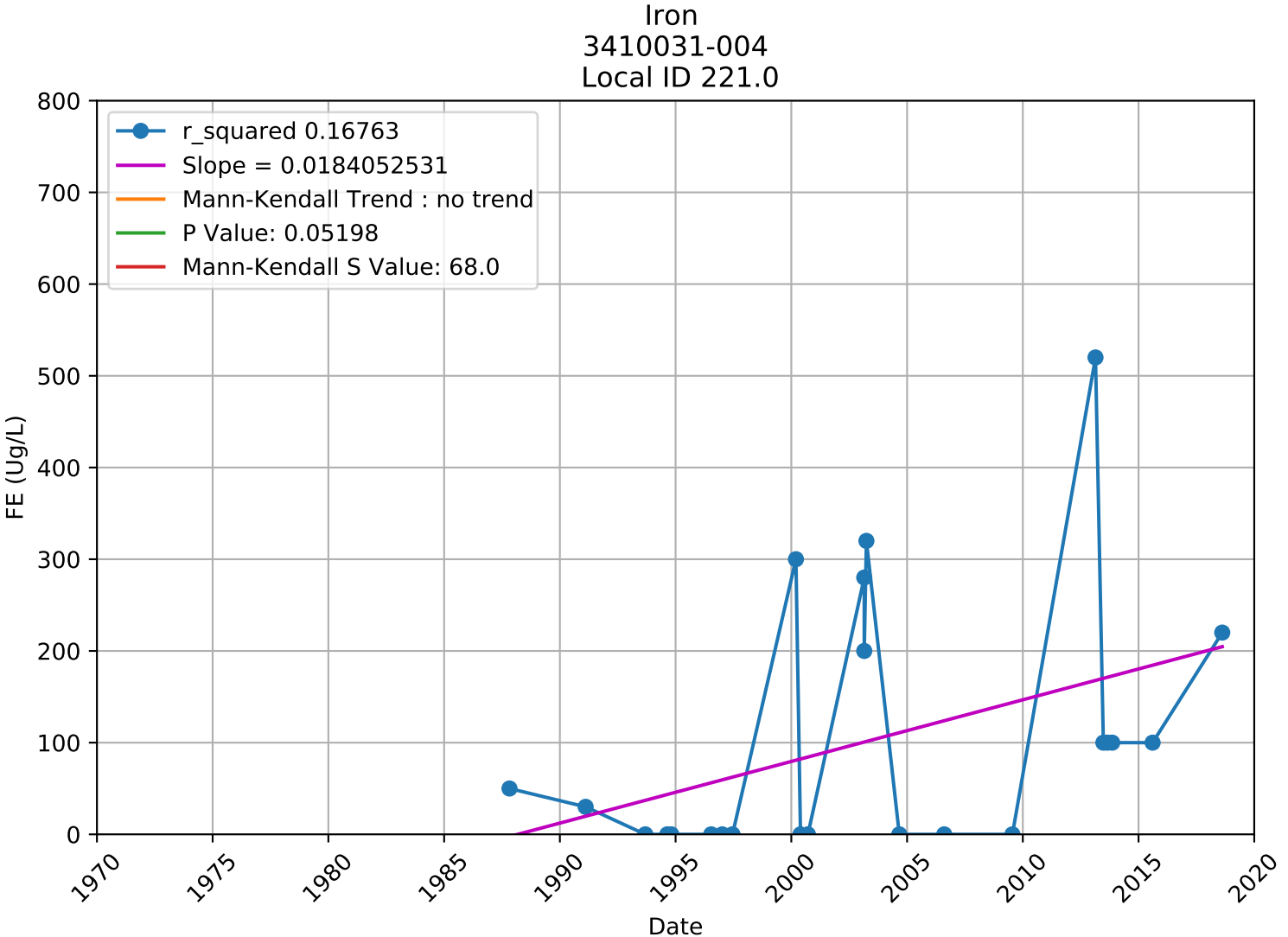

Iron
3410026-003
Local ID 31.0
r_squared 0.57494
Slope = -0.0082310707
Mann-Kendall Trend : no trend
P Value: 0.28884
Mann-Kendall S Value: -4.0
FE (Ug/L)
Date
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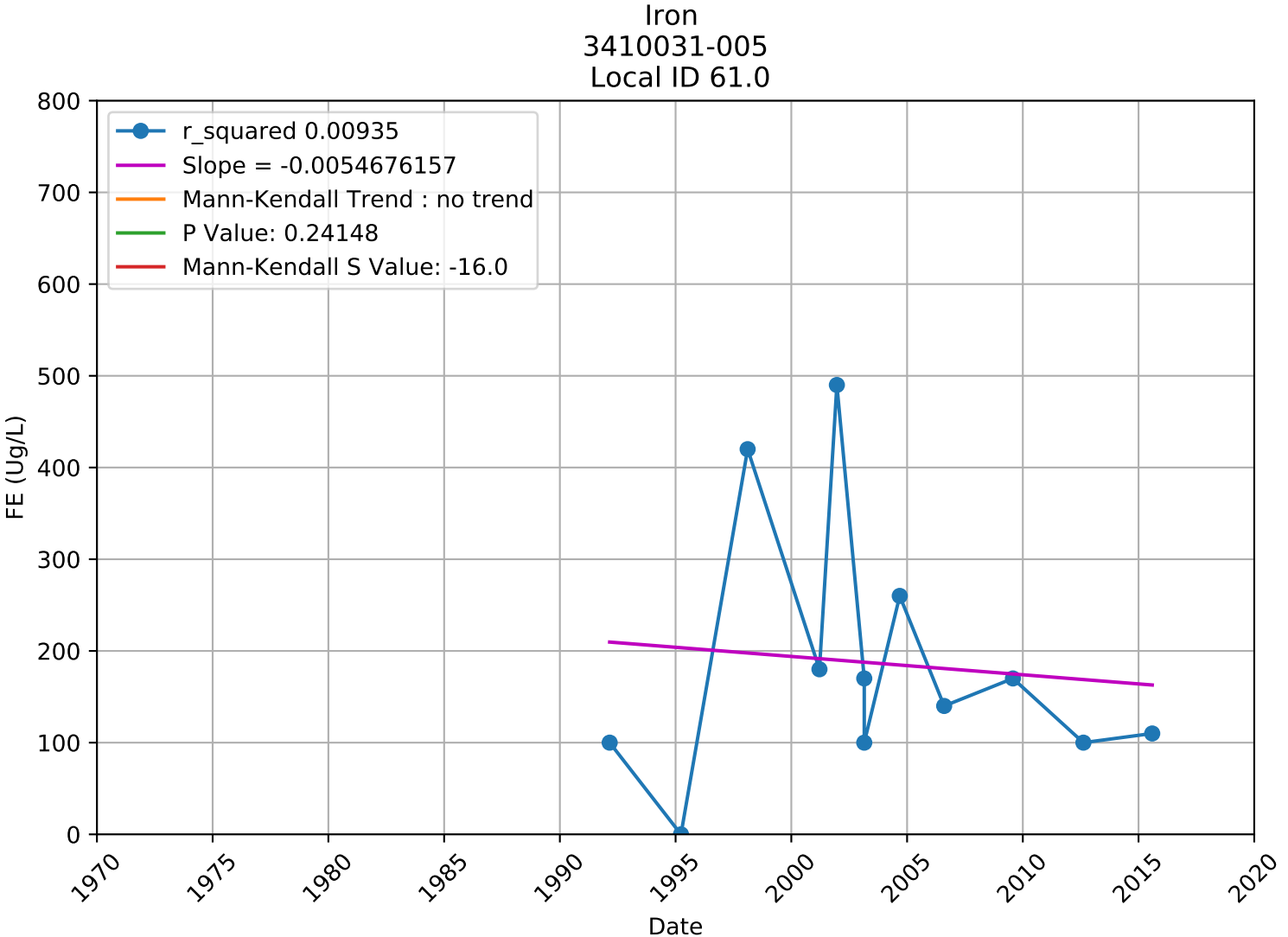

Iron
3410026-004
Local ID 18.0
r_squared 0.22938
Slope = -0.0206716207
Mann-Kendall Trend : no trend
P Value: 0.12955
Mann-Kendall S Value: -7.0
FE (Ug/L)
Date
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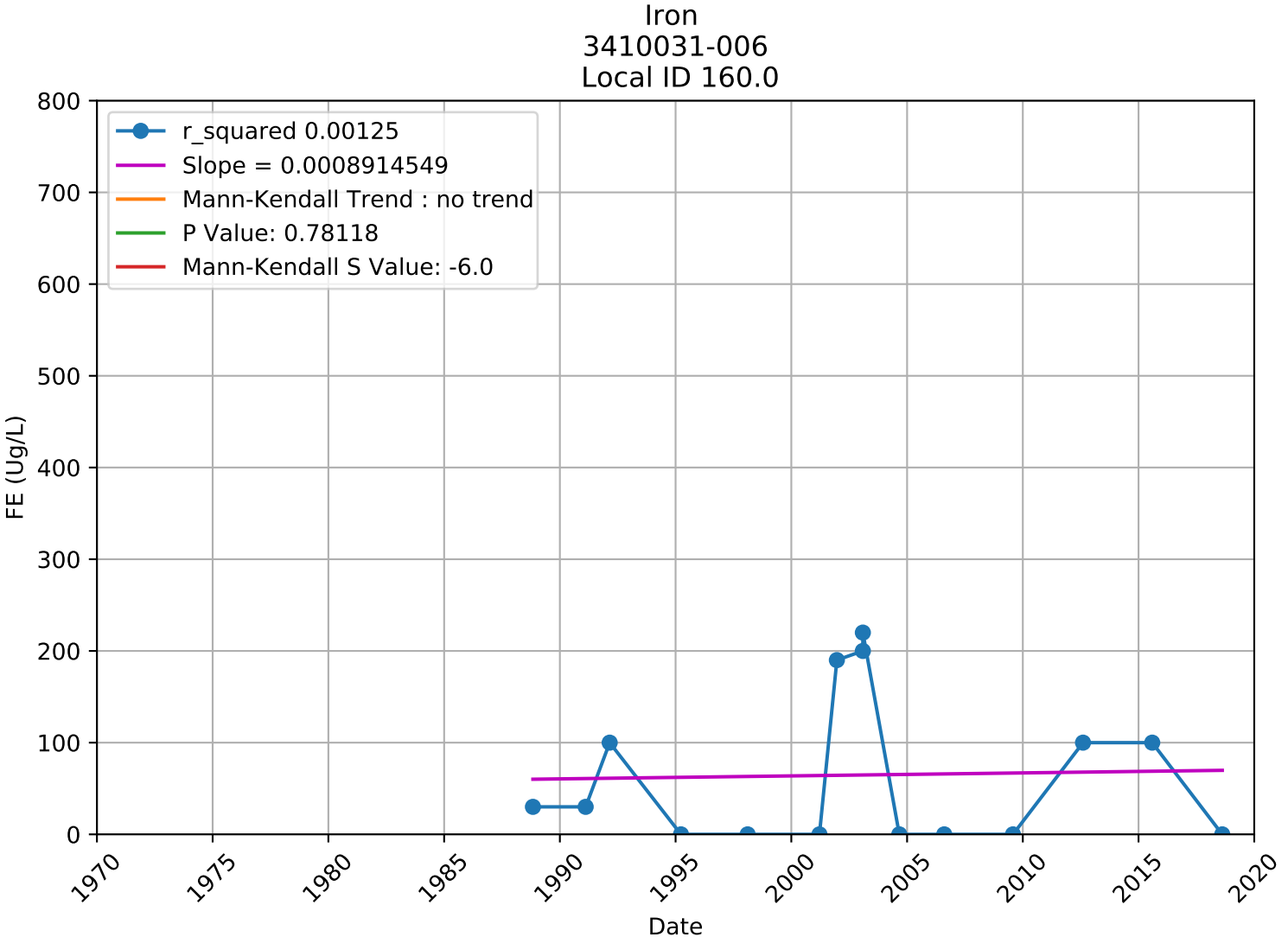

Iron
3410031-001
Local ID 206.0
r_squared 0.09907
Slope = 0.0183429816
Mann-Kendall Trend : no trend
P Value: 0.05499
Mann-Kendall S Value: 60.0
FE (Ug/L)
Date
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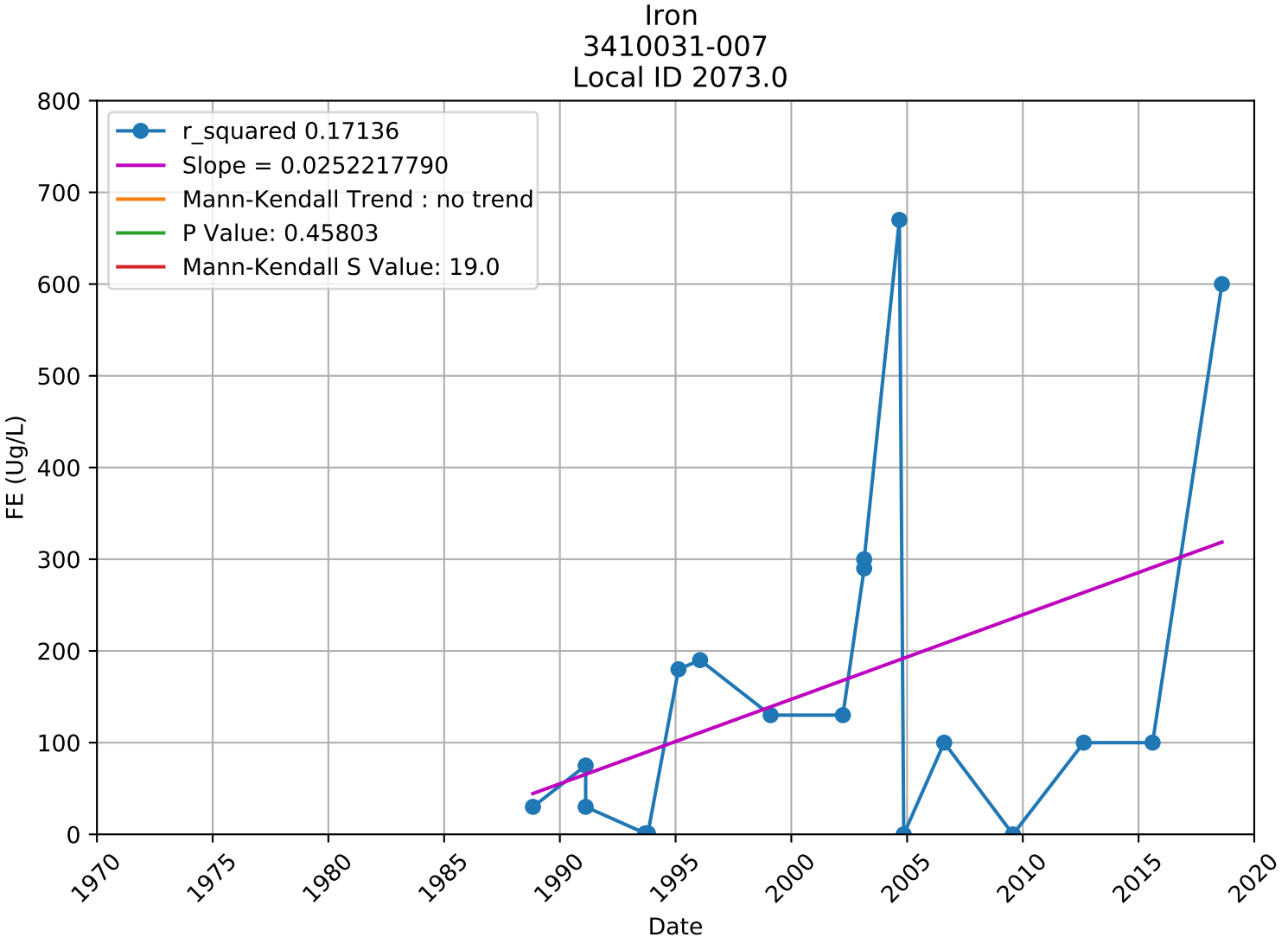

Iron
3410031-002
Local ID 190.0
r_squared 0.21932
Slope = 0.0128035114
Mann-Kendall Trend : no trend
P Value: 0.73128
Mann-Kendall S Value: 5.0
FE (Ug/L)
Date
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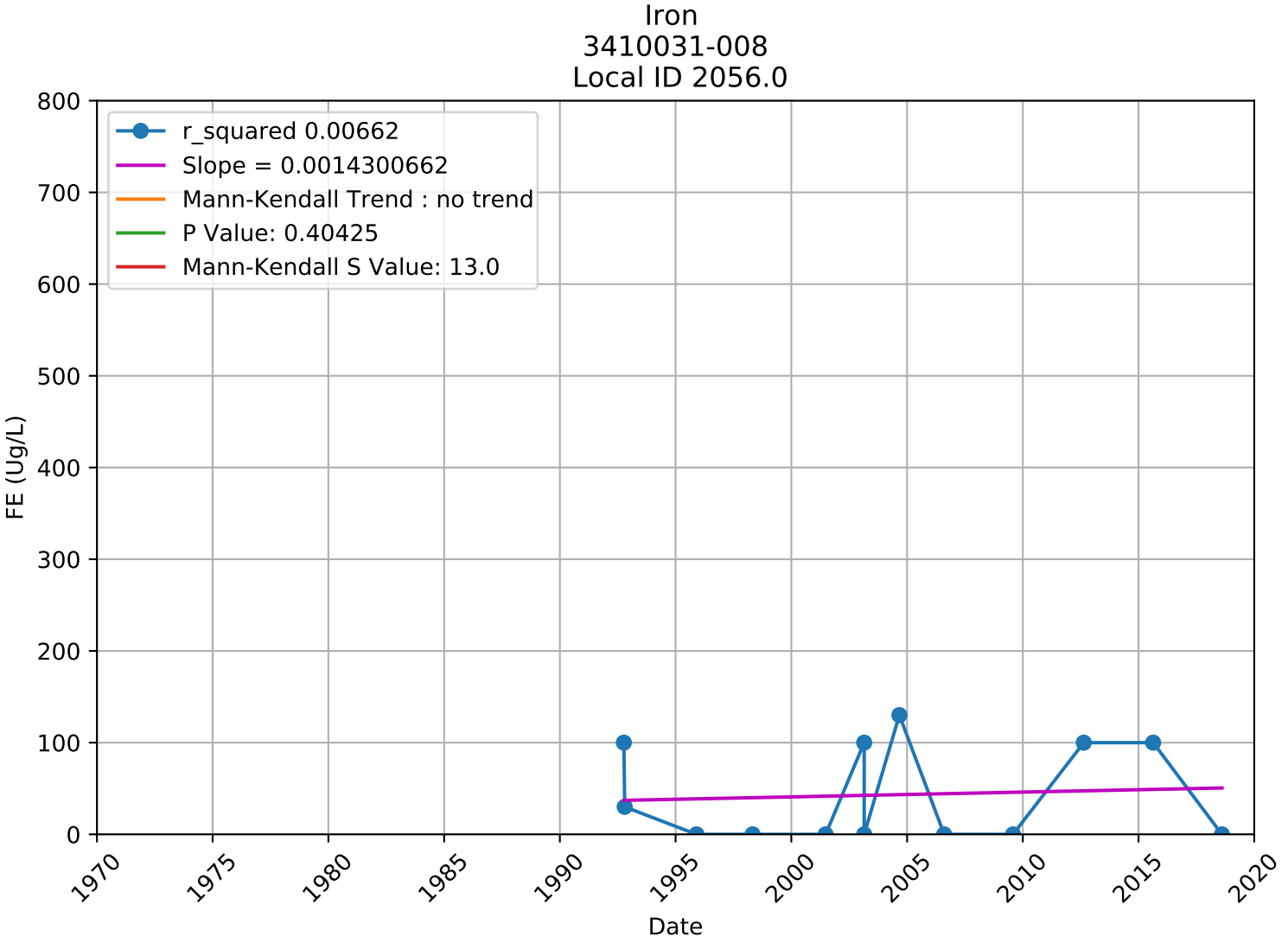

Iron
3410031-003
Local ID 94.0
r_squared 0.37970
Slope = 0.0383911504
Mann-Kendall Trend : increasing
P Value: 0.04780
Mann-Kendall S Value: 62.0
FE (Ug/L)
Date
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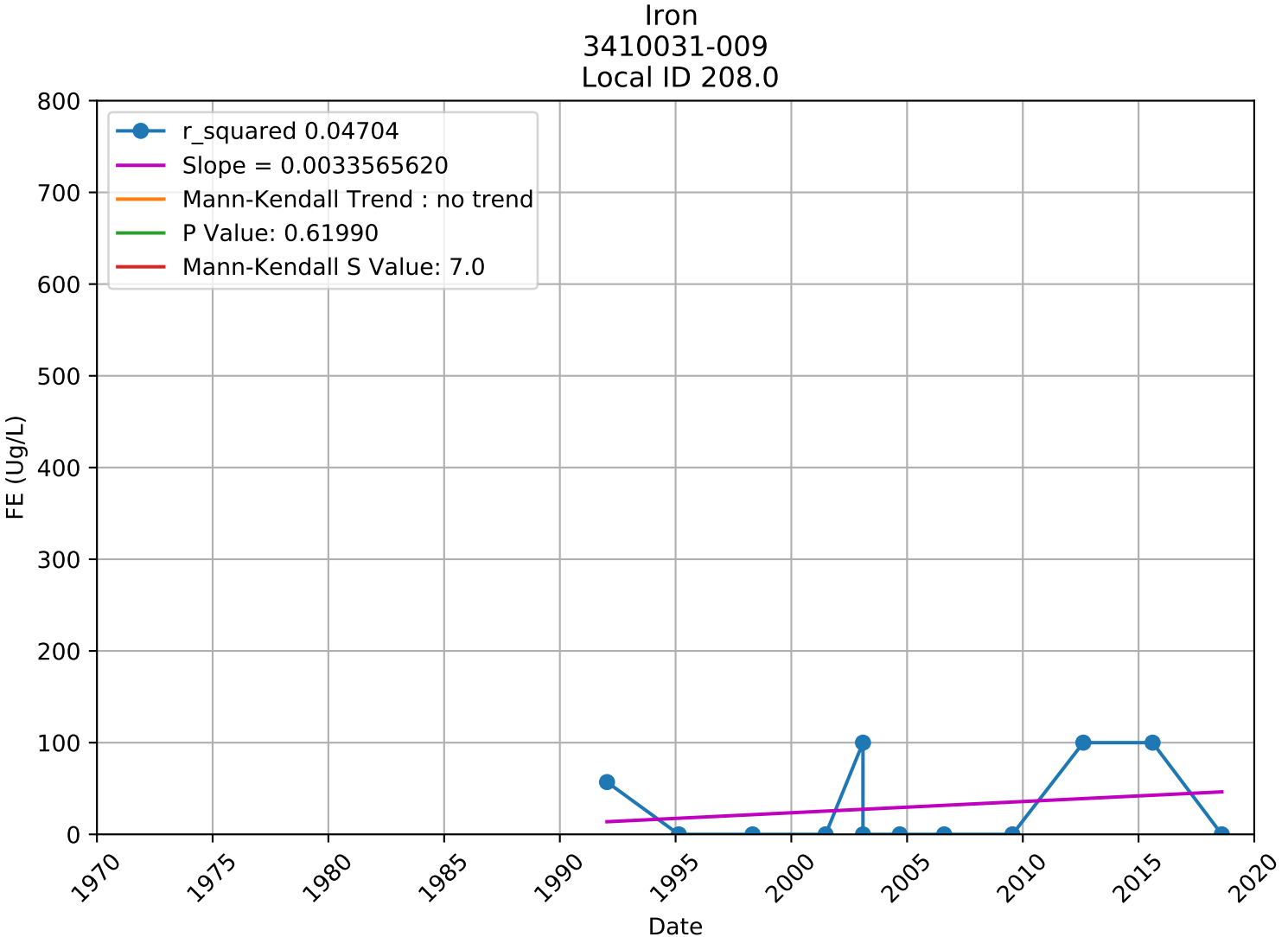

Iron
3410031-004
Local ID 221.0
r_squared 0.16763
Slope = 0.0184052531
Mann-Kendall Trend : no trend
P Value: 0.05198
Mann-Kendall S Value: 68.0
FE (Ug/L)
Date
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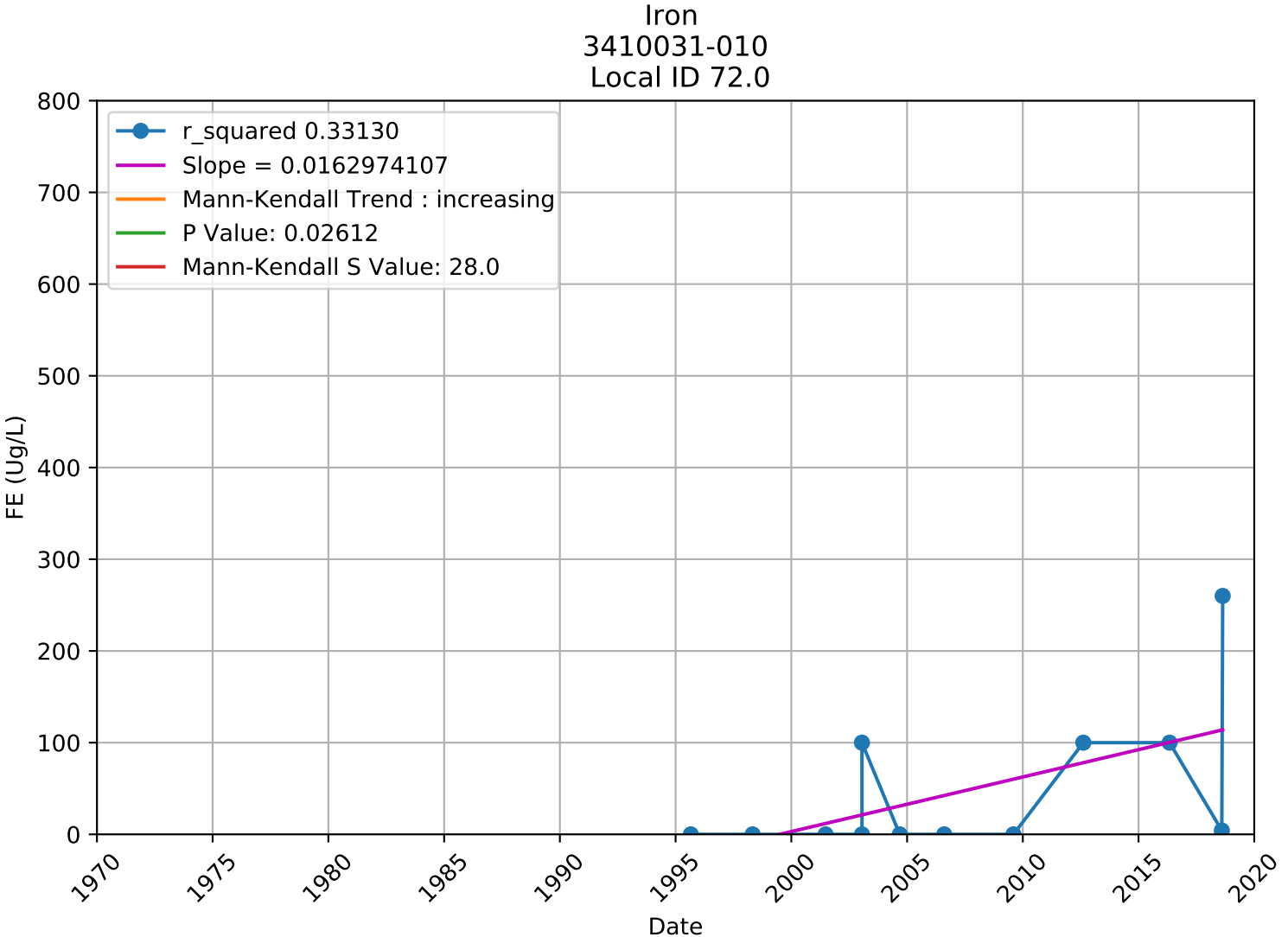

Iron
3410031-005
Local ID 61.0
r_squared 0.00935
Slope = -0.0054676157
Mann-Kendall Trend : no trend
P Value: 0.24148
Mann-Kendall S Value: -16.0
FE (Ug/L)
Date
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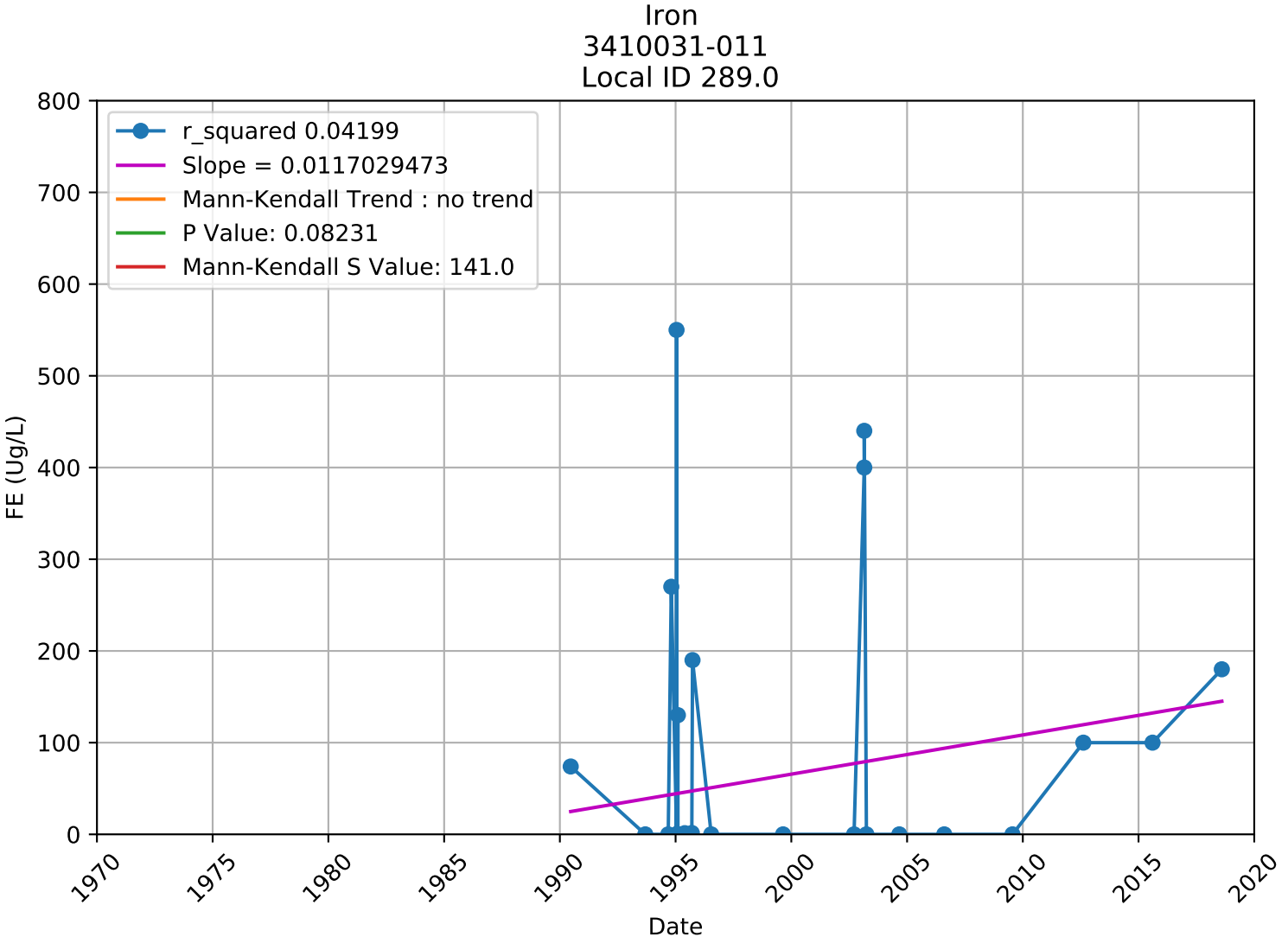

Iron
3410031-006
Local ID 160.0
r_squared 0.00125
Slope = 0.0008914549
Mann-Kendall Trend : no trend
P Value: 0.78118
Mann-Kendall S Value: -6.0
FE (Ug/L)
Date
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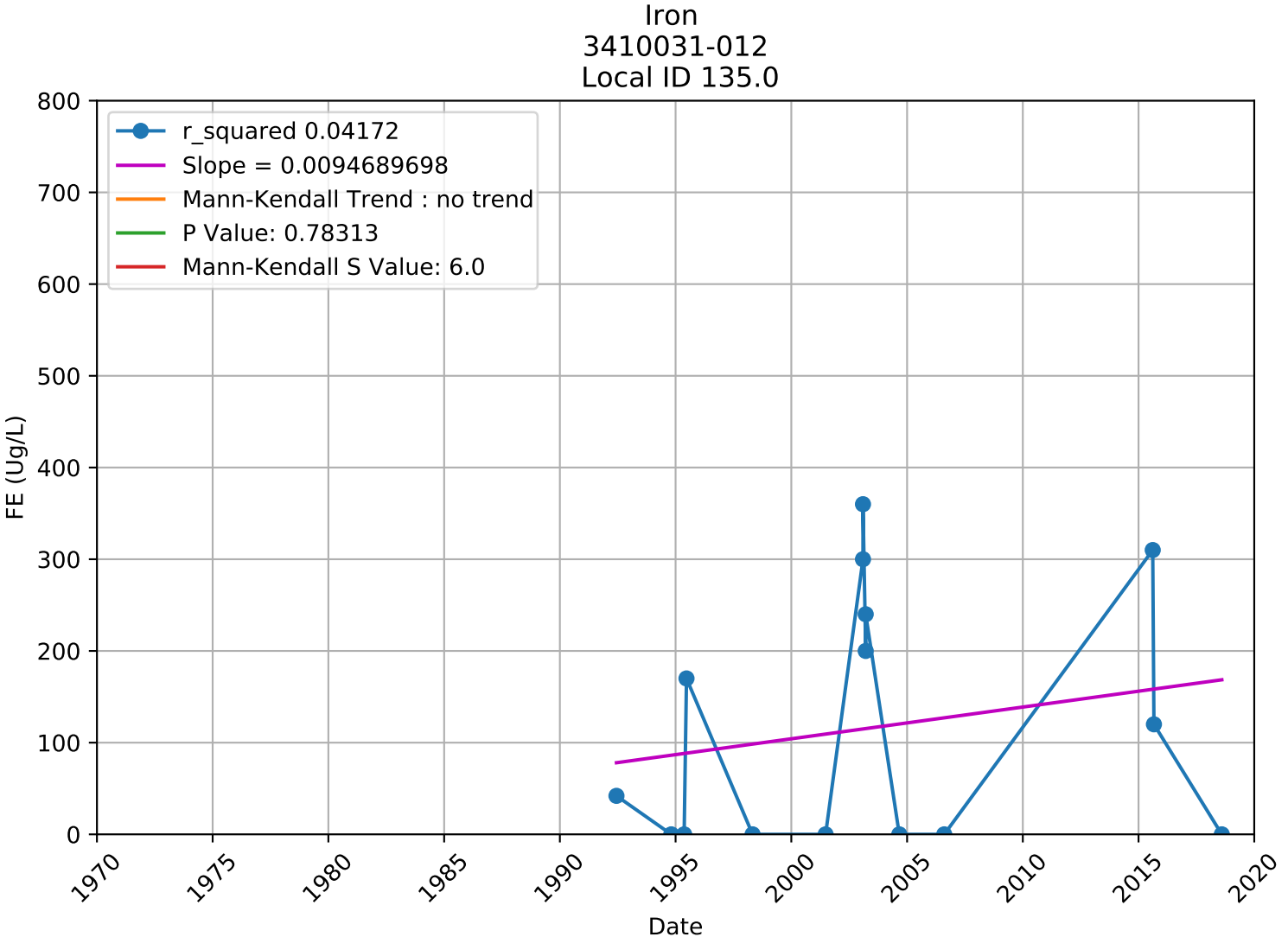

Iron
3410031-007
Local ID 2073.0
r_squared 0.17136
Slope = 0.0252217790
Mann-Kendall Trend : no trend
P Value: 0.45803
Mann-Kendall S Value: 19.0
FE (Ug/L)
Date
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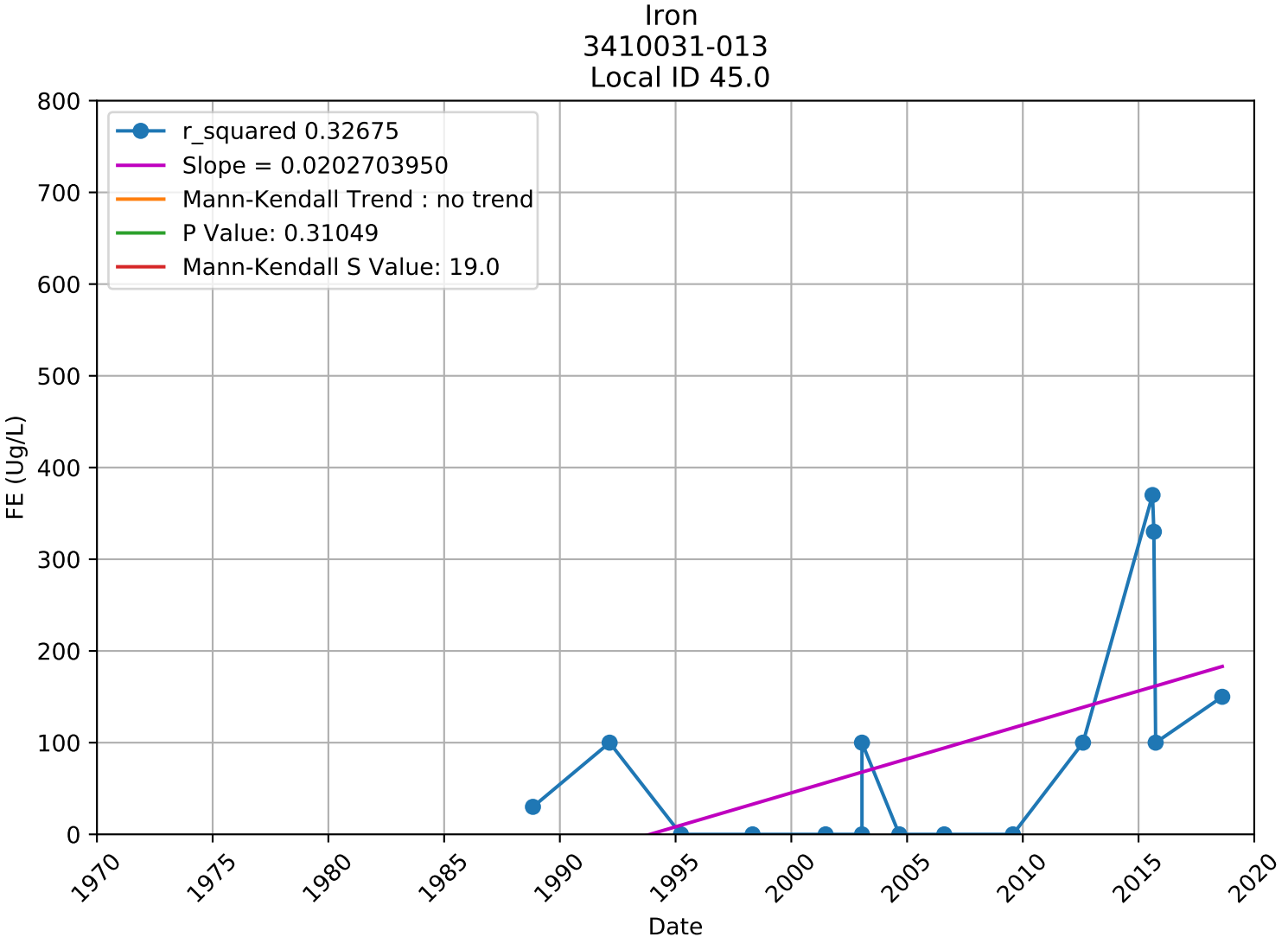

Iron
3410031-008
Local ID 2056.0
r_squared 0.00662
Slope = 0.0014300662
Mann-Kendall Trend : no trend
P Value: 0.40425
Mann-Kendall S Value: 13.0
FE (Ug/L)
Date
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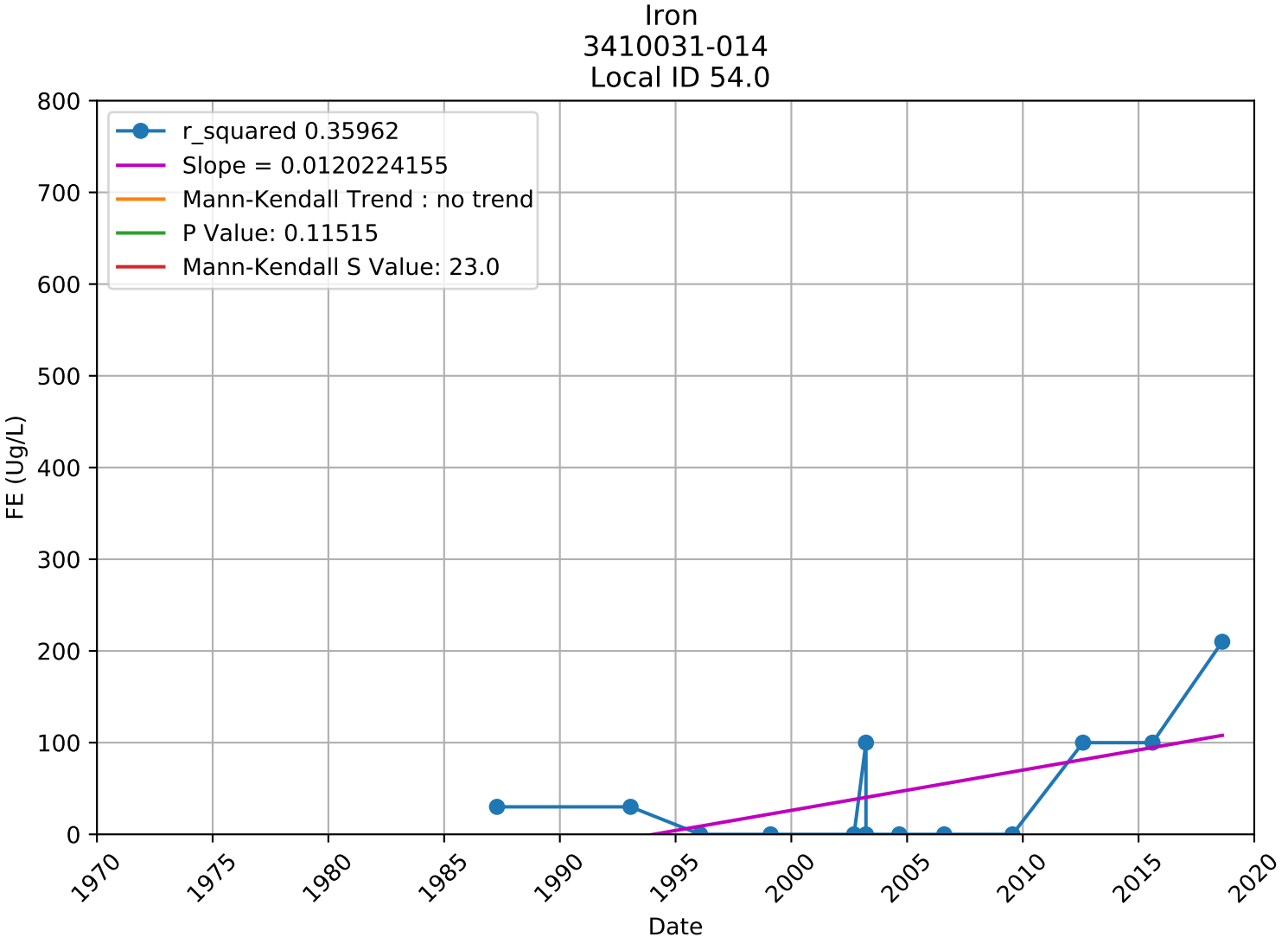

Iron
3410031-009
Local ID 208.0
r_squared 0.04704
Slope = 0.0033565620
Mann-Kendall Trend : no trend
P Value: 0.61990
Mann-Kendall S Value: 7.0
FE (Ug/L)
Date
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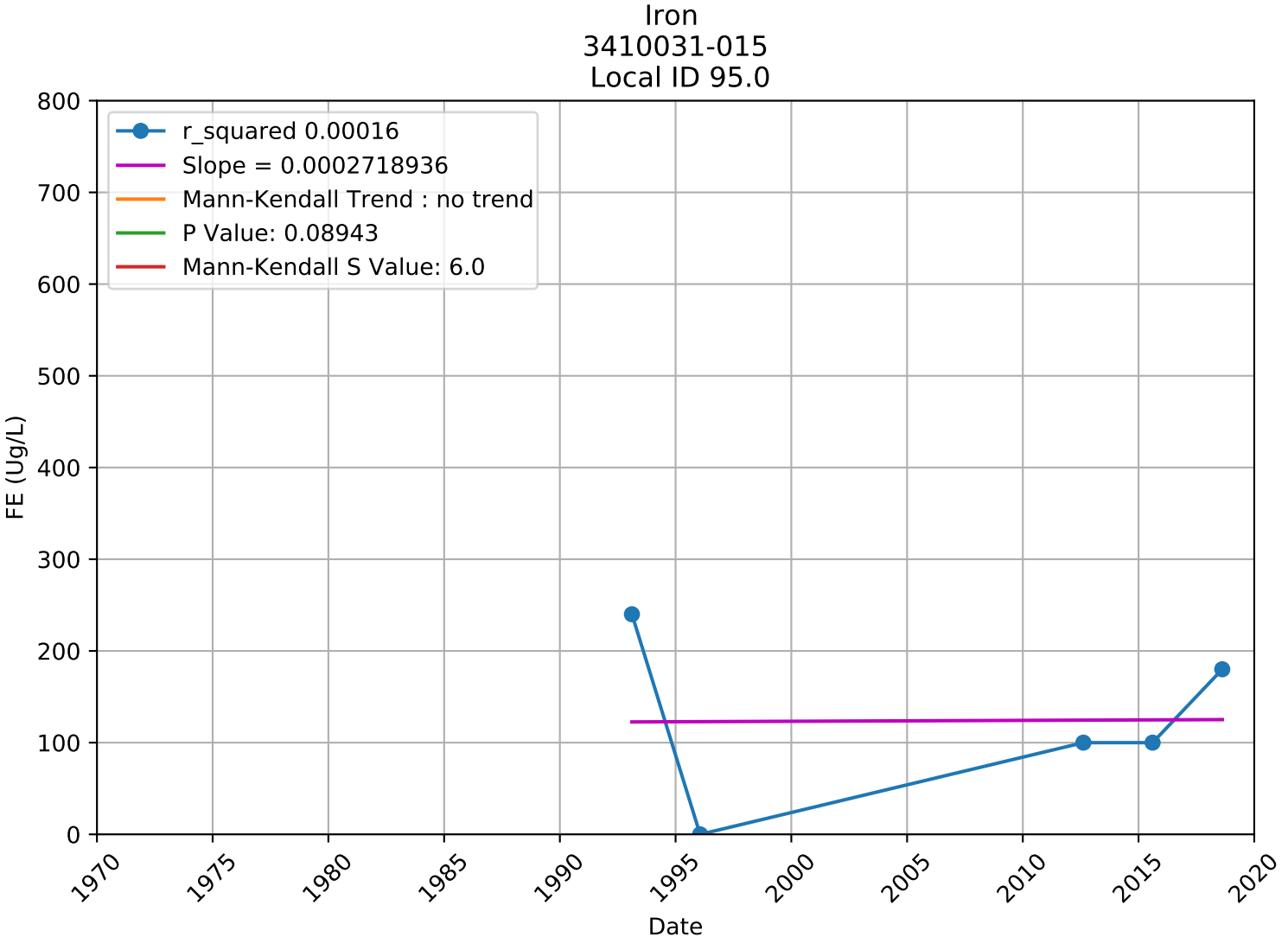

Iron
3410031-010
Local ID 72.0
r_squared 0.33130
Slope = 0.0162974107
Mann-Kendall Trend : increasing
P Value: 0.02612
Mann-Kendall S Value: 28.0
FE (Ug/L)
Date
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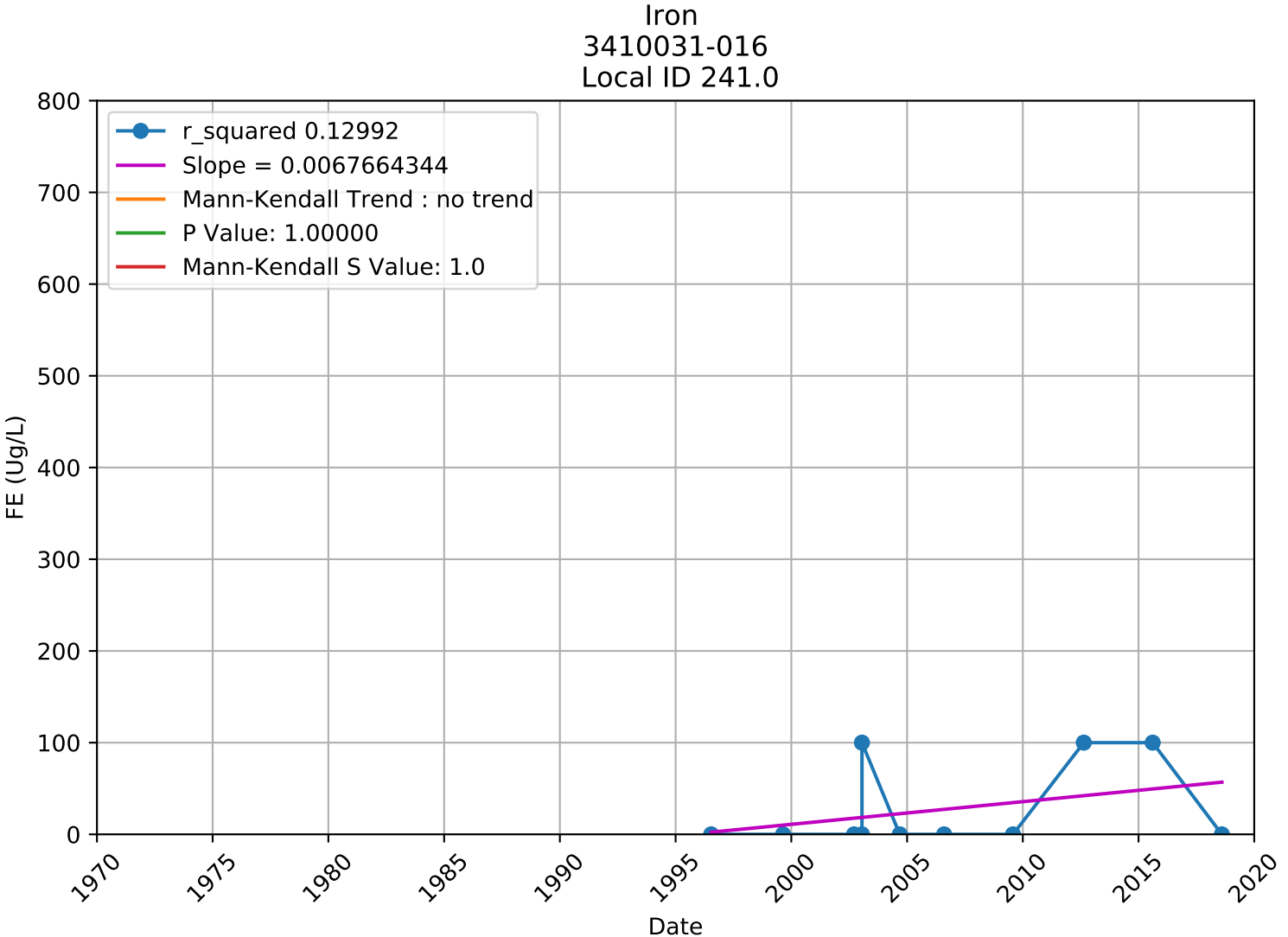

Iron
3410031-011
Local ID 289.0
r_squared 0.04199
Slope = 0.0117029473
Mann-Kendall Trend : no trend
P Value: 0.08231
Mann-Kendall S Value: 141.0
FE (Ug/L)
Date
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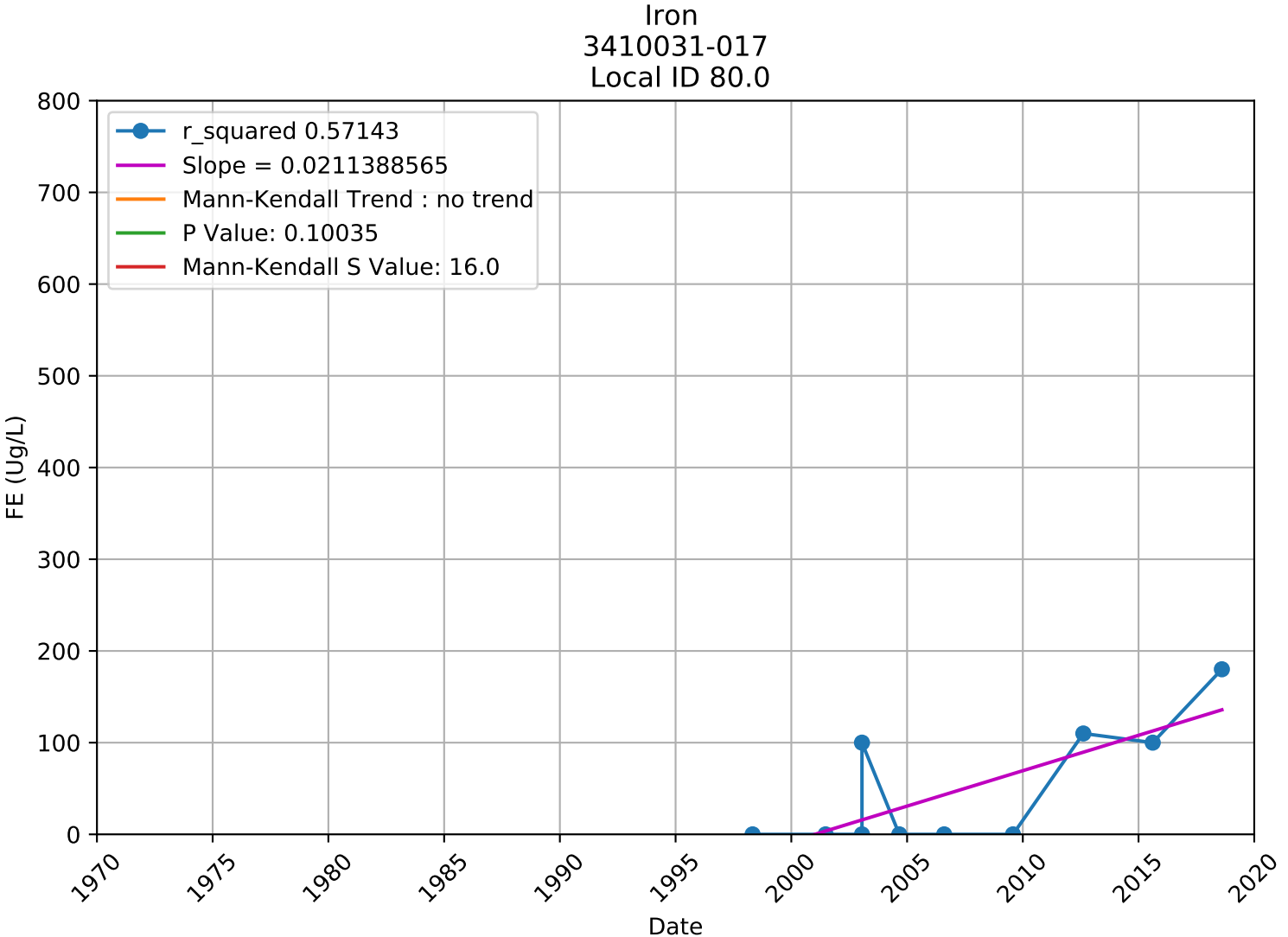

Iron
3410031-012
Local ID 135.0
r_squared 0.04172
Slope = 0.0094689698
Mann-Kendall Trend : no trend
P Value: 0.78313
Mann-Kendall S Value: 6.0
FE (Ug/L)
Date
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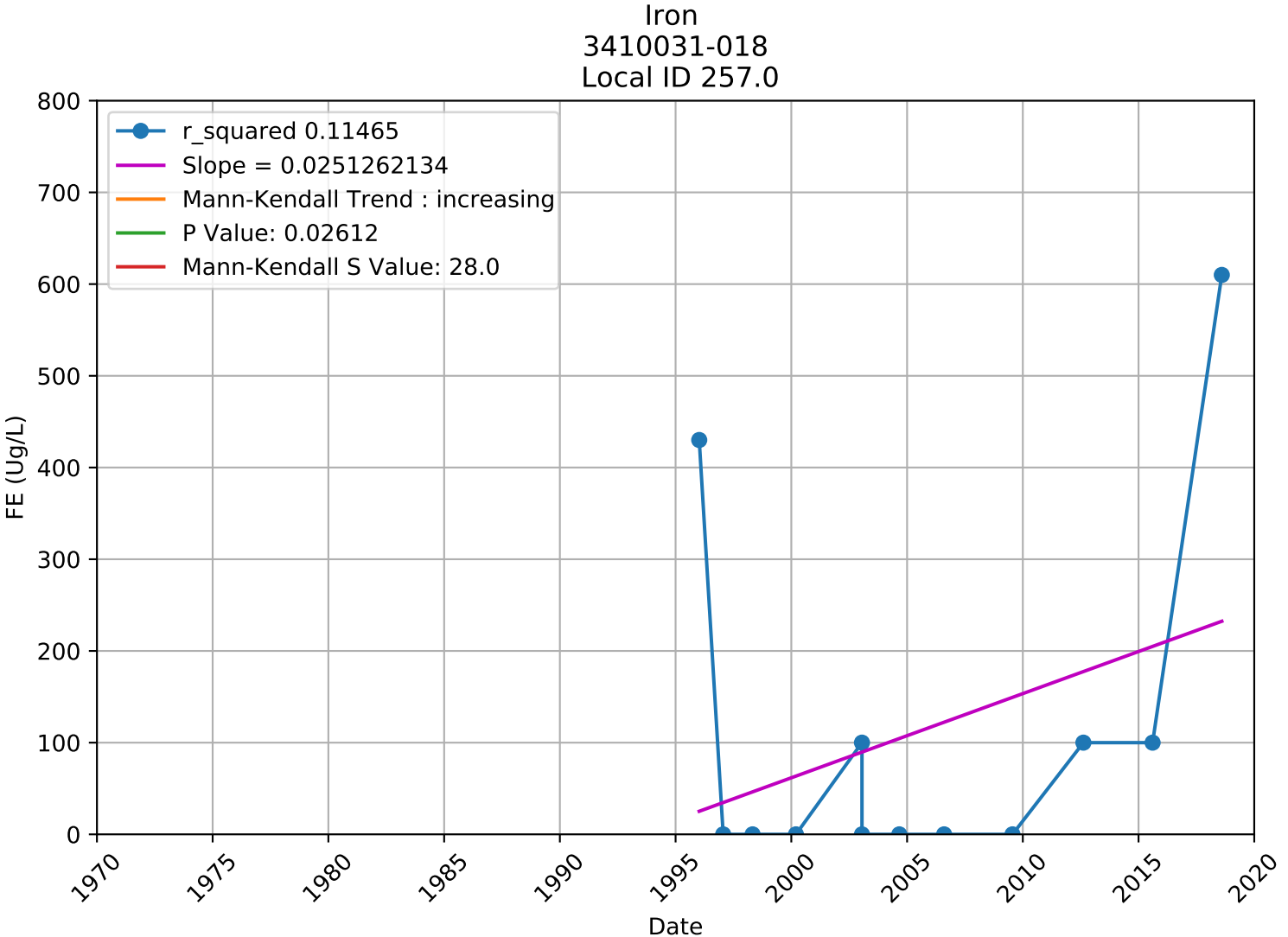

Iron
3410031-013
Local ID 45.0
r_squared 0.32675
Slope = 0.0202703950
Mann-Kendall Trend : no trend
P Value: 0.31049
Mann-Kendall S Value: 19.0
FE (Ug/L)
Date
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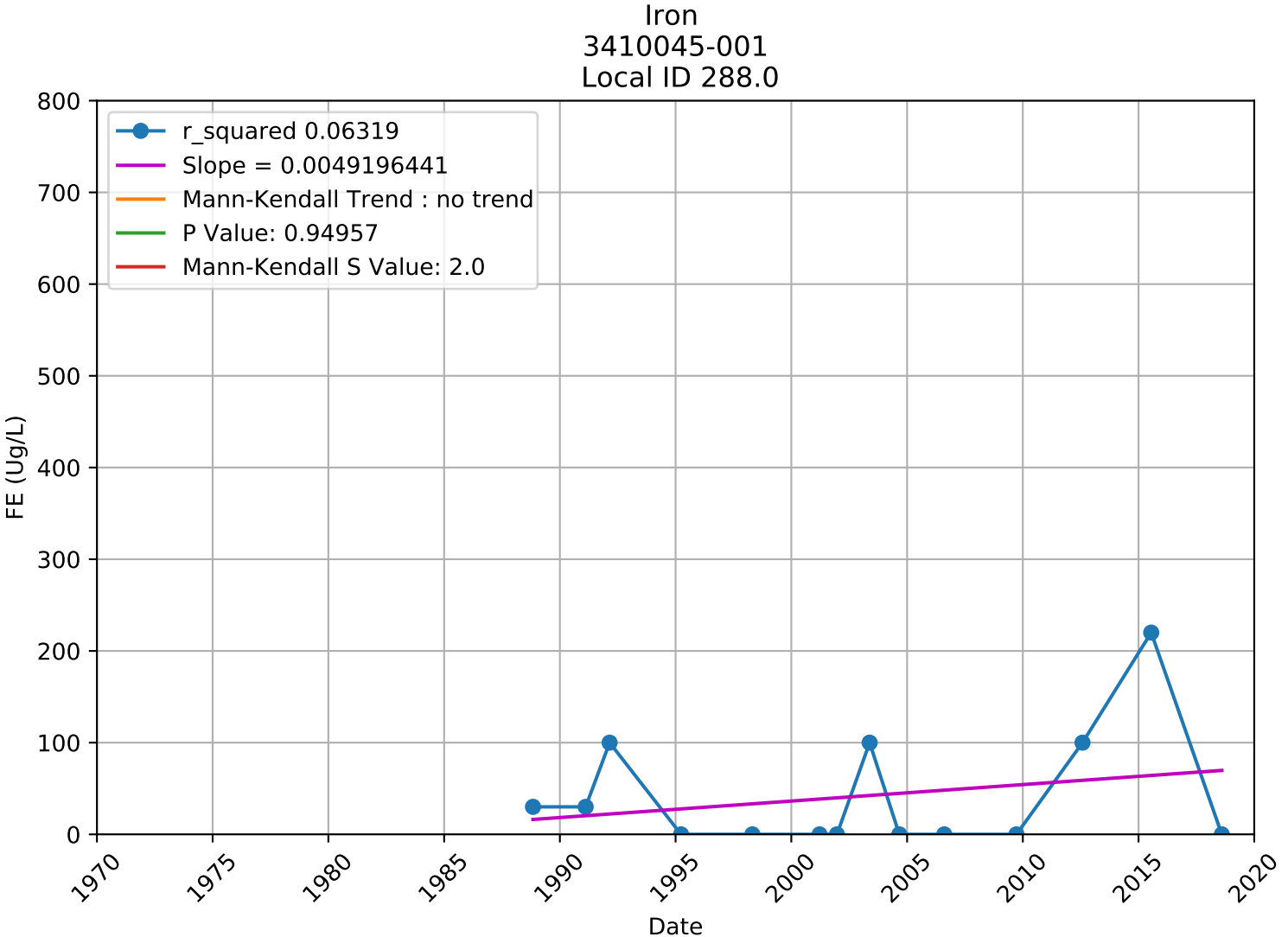

Iron
3410031-014
Local ID 54.0
r_squared 0.35962
Slope = 0.0120224155
Mann-Kendall Trend : no trend
P Value: 0.11515
Mann-Kendall S Value: 23.0
FE (Ug/L)
Date
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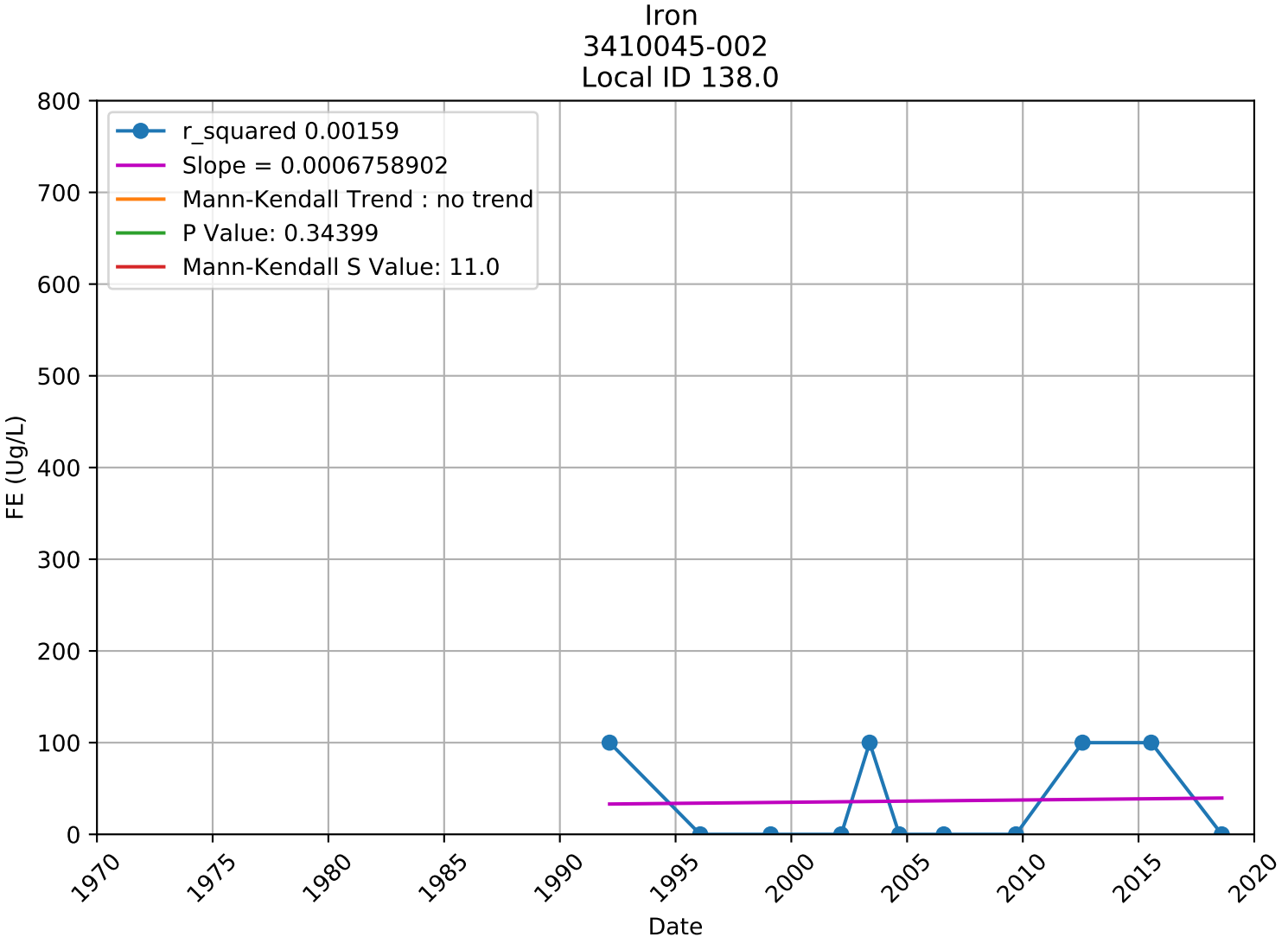

Iron
3410031-015
Local ID 95.0
r_squared 0.00016
Slope = 0.0002718936
Mann-Kendall Trend : no trend
P Value: 0.08943
Mann-Kendall S Value: 6.0
FE (Ug/L)
Date
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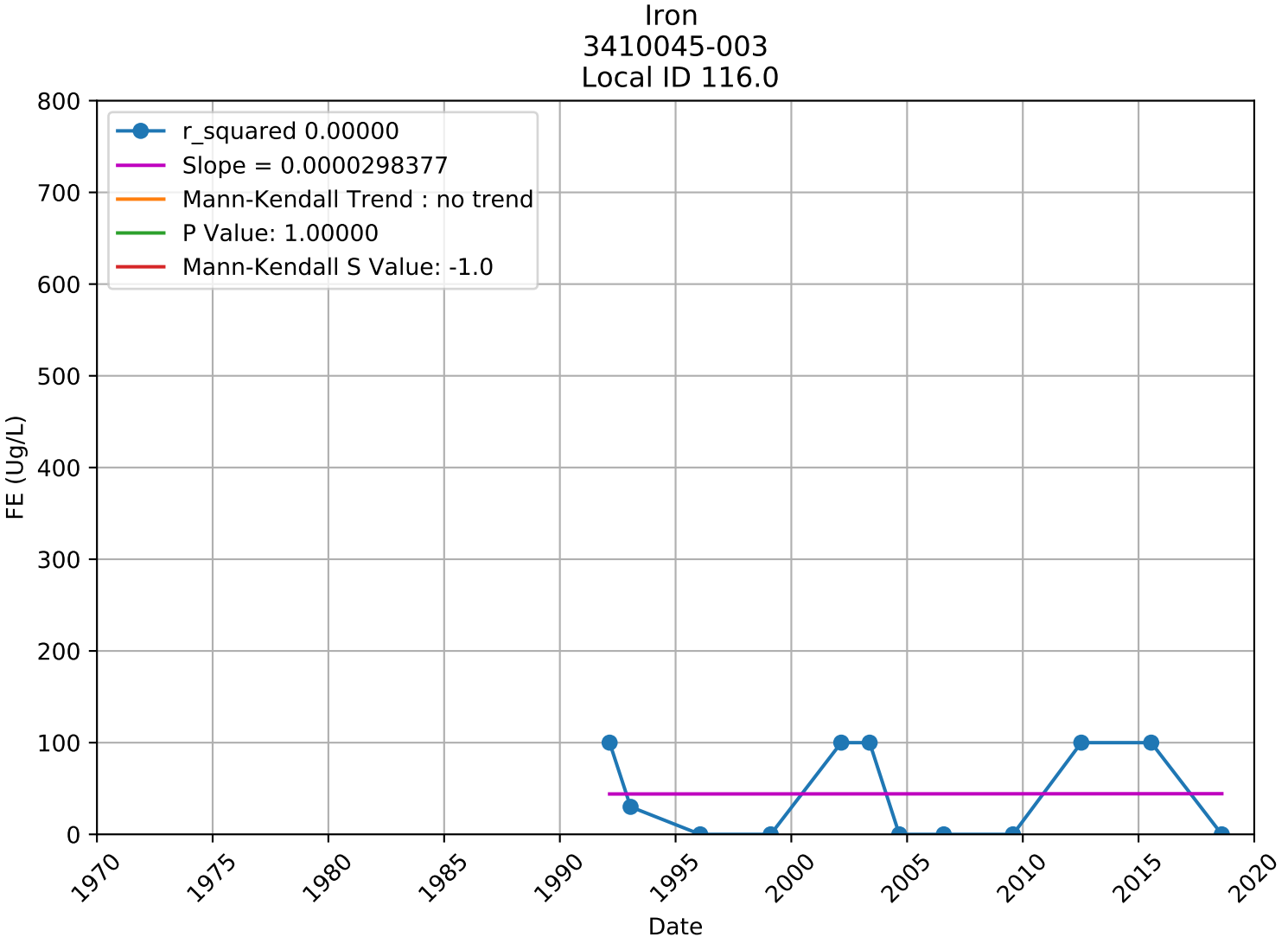

Iron
3410031-016
Local ID 241.0
r_squared 0.12992
Slope = 0.0067664344
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
FE (Ug/L)
Date
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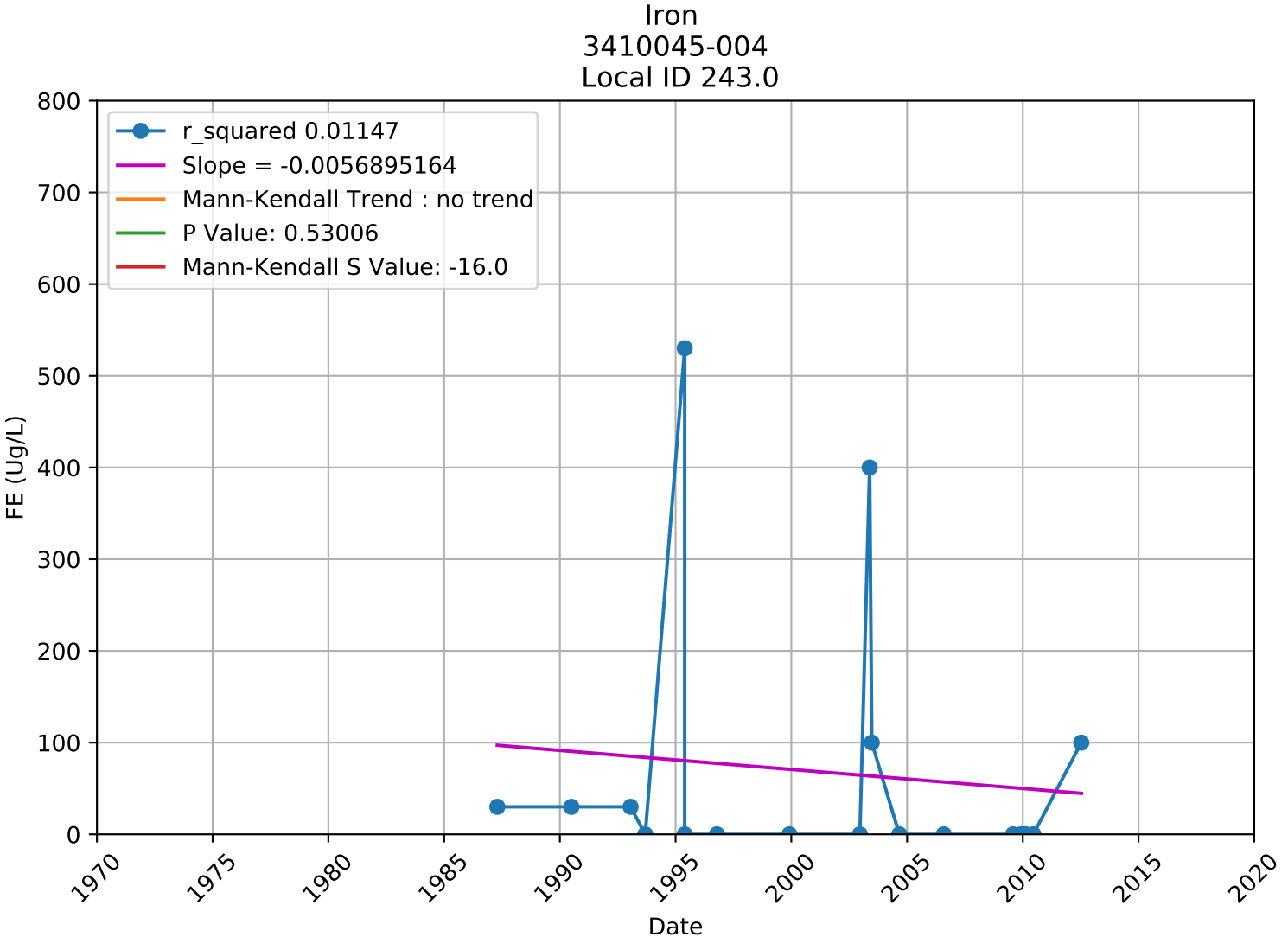

Iron
3410031-017
Local ID 80.0
r_squared 0.57143
Slope = 0.0211388565
Mann-Kendall Trend : no trend
P Value: 0.10035
Mann-Kendall S Value: 16.0
FE (Ug/L)
Date
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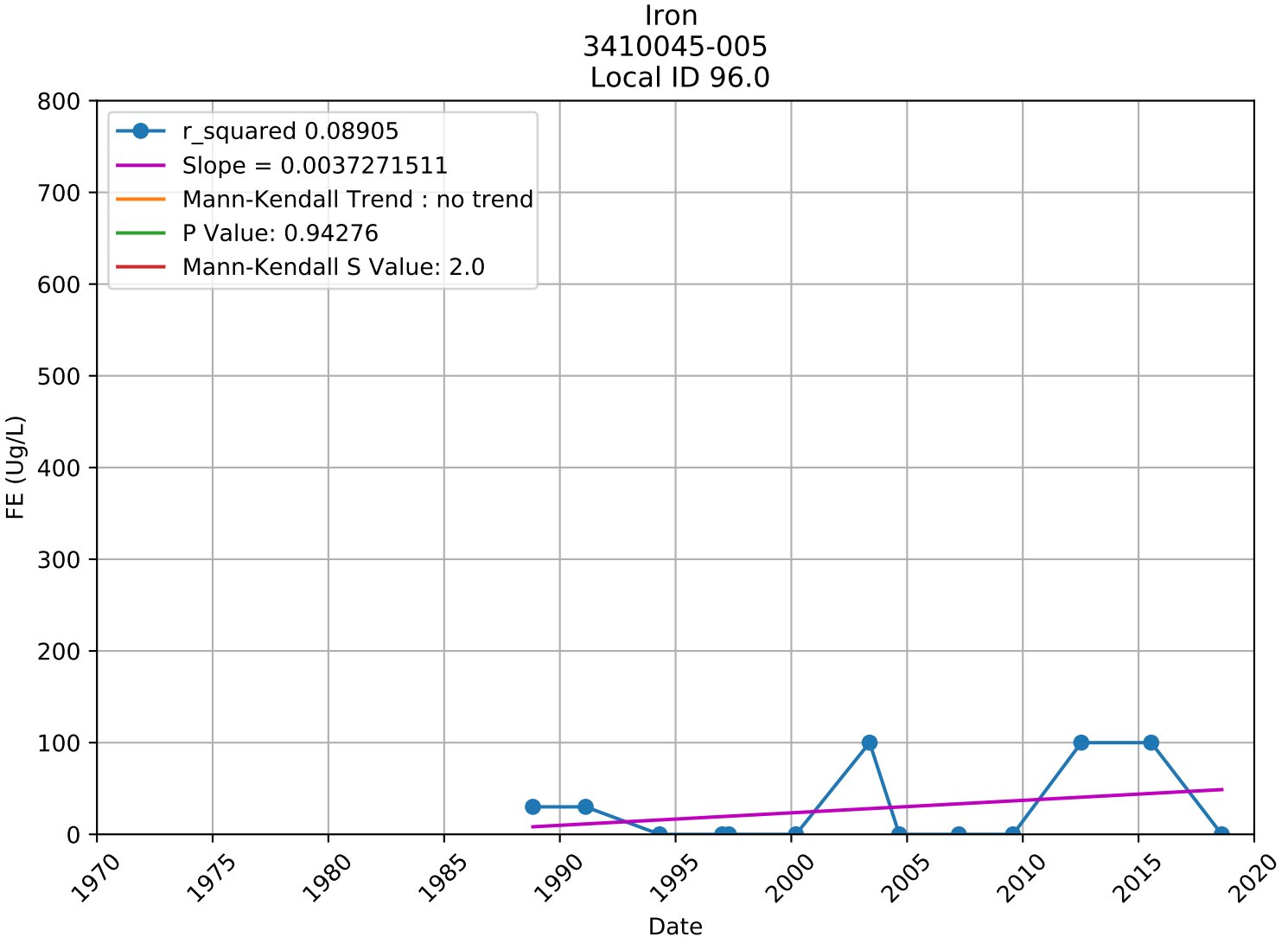

Iron
3410031-018
Local ID 257.0
r_squared 0.11465
Slope = 0.0251262134
Mann-Kendall Trend : increasing
P Value: 0.02612
Mann-Kendall S Value: 28.0
FE (Ug/L)
Date
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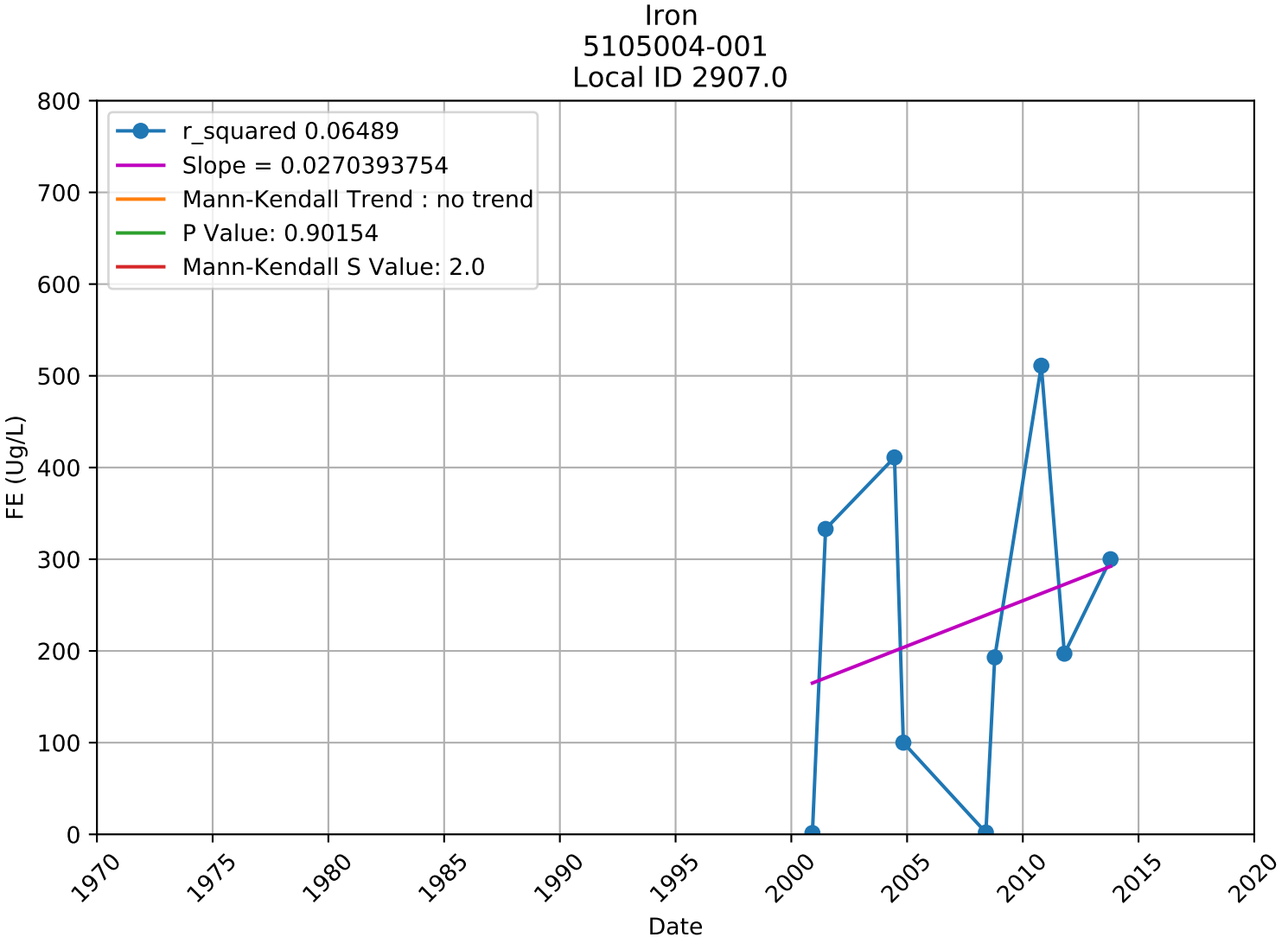

Iron
3410045-001
Local ID 288.0
r_squared 0.06319
Slope = 0.0049196441
Mann-Kendall Trend : no trend
P Value: 0.94957
Mann-Kendall S Value: 2.0
FE (Ug/L)
Date
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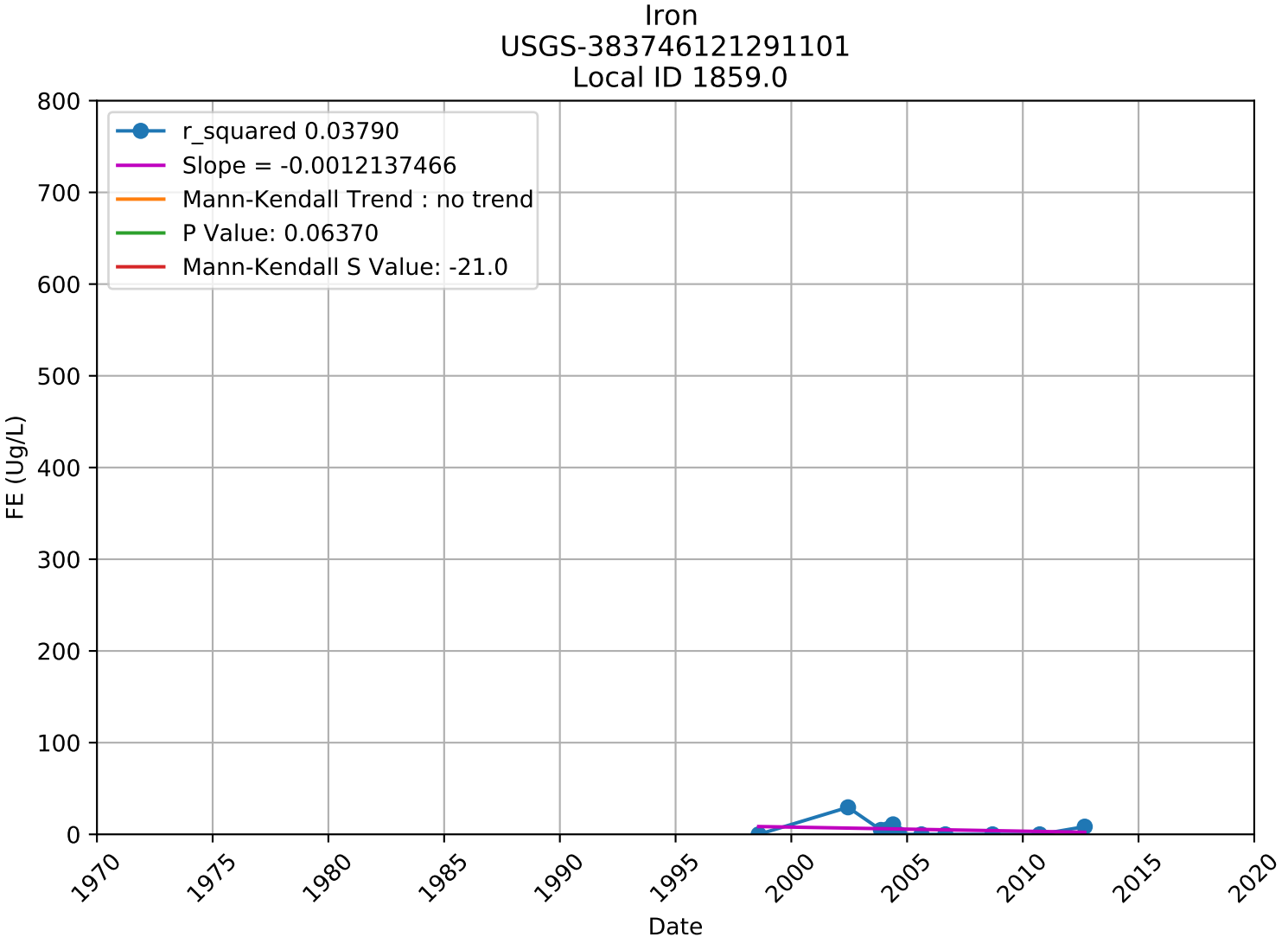

Iron
3410045-002
Local ID 138.0
r_squared 0.00159
Slope = 0.0006758902
Mann-Kendall Trend : no trend
P Value: 0.34399
Mann-Kendall S Value: 11.0
FE (Ug/L)
Date
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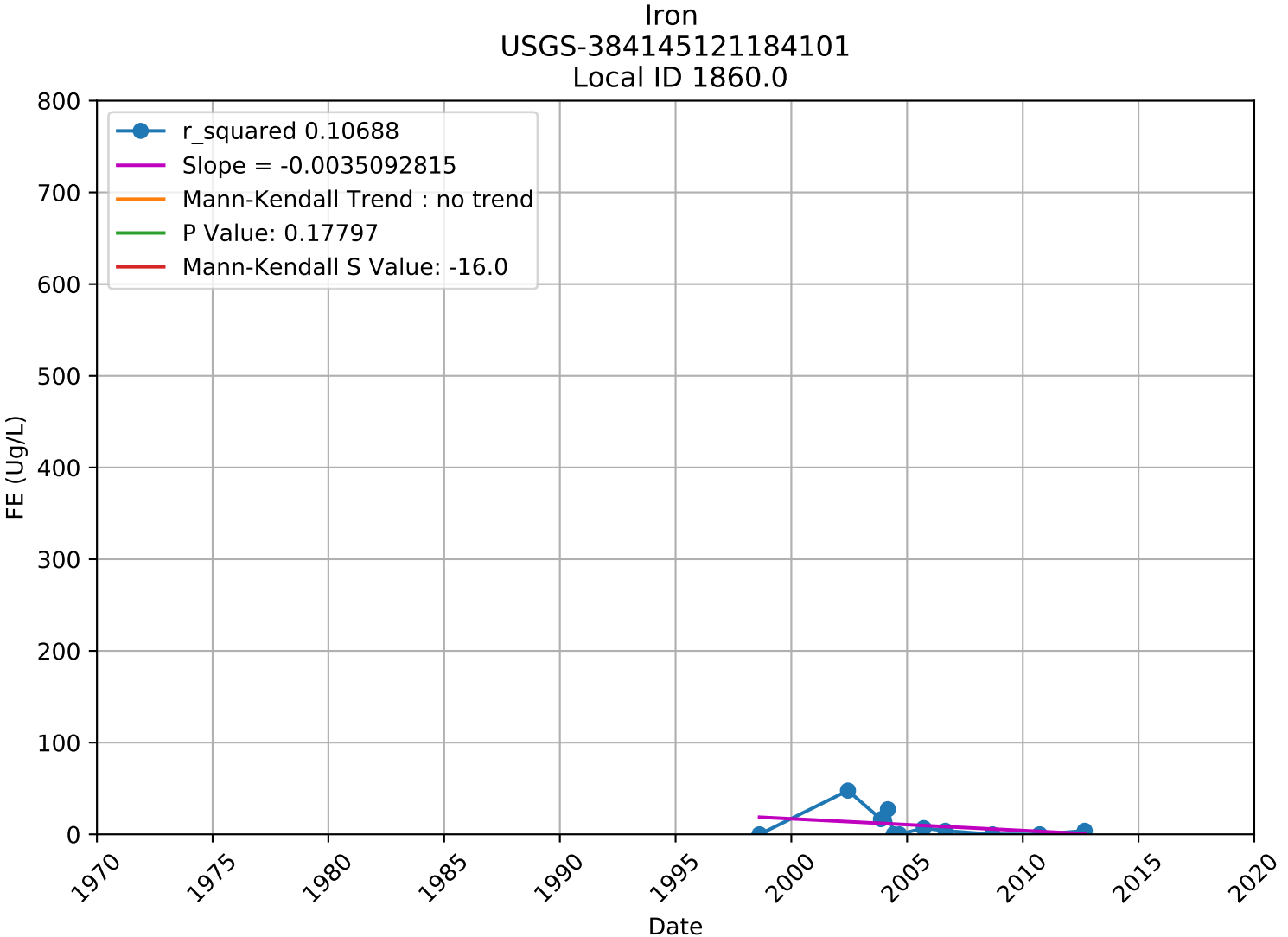

Iron
3410045-003
Local ID 116.0
r_squared 0.00000
Slope = 0.0000298377
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
FE (Ug/L)
Date
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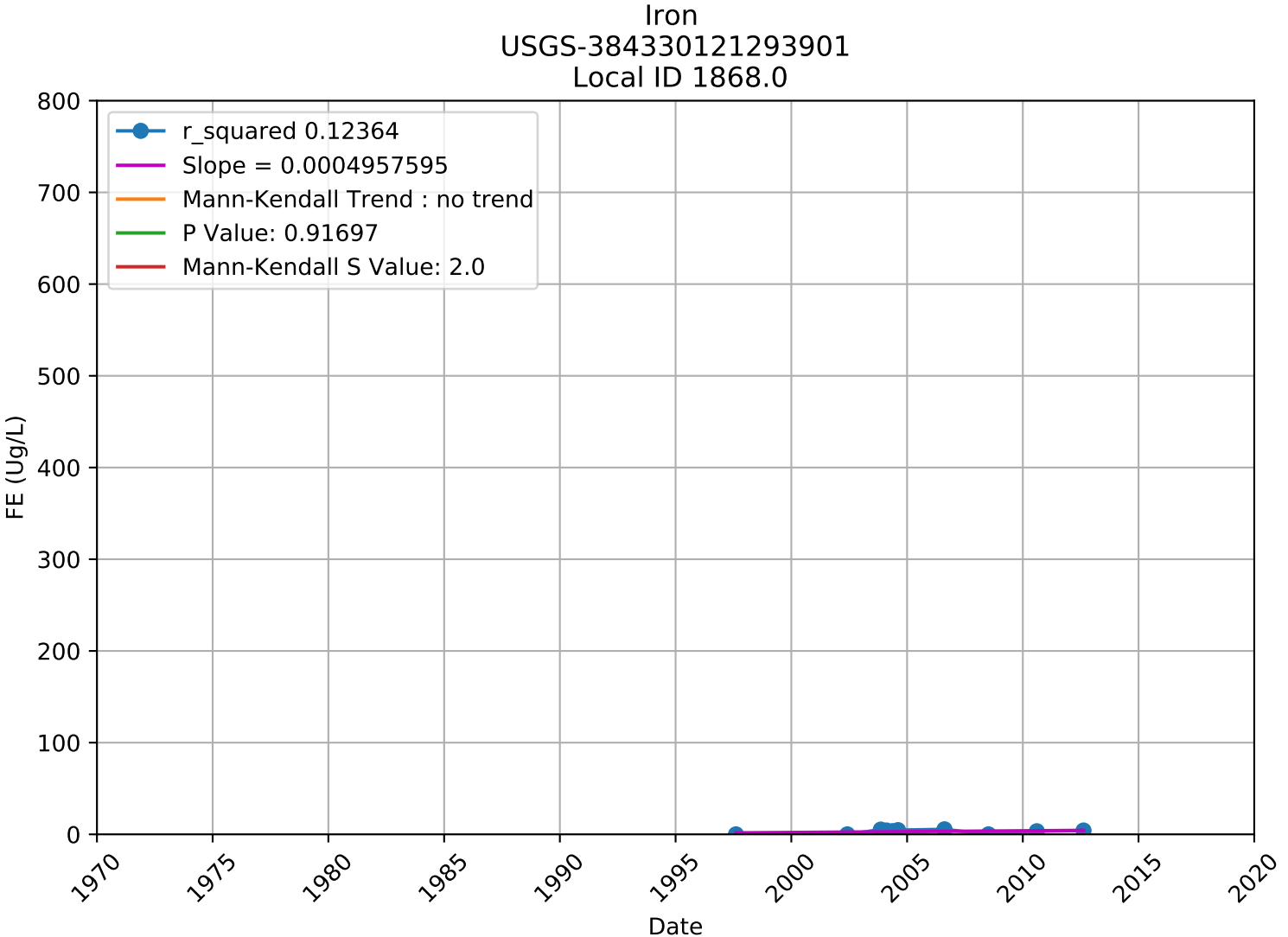

Iron
3410045-004
Local ID 243.0
r_squared 0.01147
Slope = -0.0056895164
Mann-Kendall Trend : no trend
P Value: 0.53006
Mann-Kendall S Value: -16.0
FE (Ug/L)
Date
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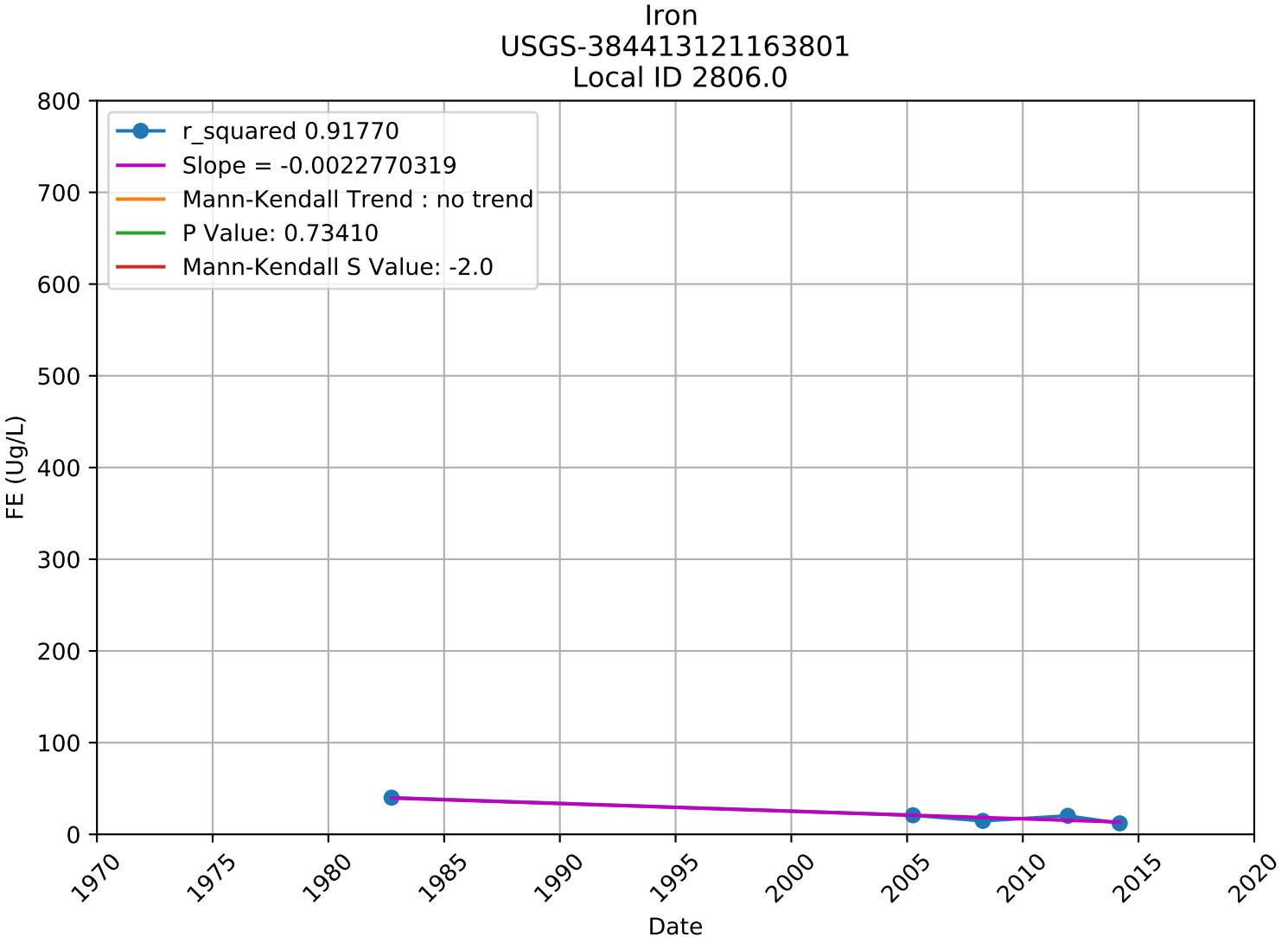

Iron
3410045-005
Local ID 96.0
r_squared 0.08905
Slope = 0.0037271511
Mann-Kendall Trend : no trend
P Value: 0.94276
Mann-Kendall S Value: 2.0
FE (Ug/L)
Date
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1970
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2015
2020


Iron
5105004-001
Local ID 2907.0
r_squared 0.06489
Slope = 0.0270393754
Mann-Kendall Trend : no trend
P Value: 0.90154
Mann-Kendall S Value: 2.0
FE (Ug/L)
Date
800
700
600
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400
300
200
100
0
1970
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2010
2015
2020


Iron
USGS-383746121291101
Local ID 1859.0
r_squared 0.03790
Slope = -0.0012137466
Mann-Kendall Trend : no trend
P Value: 0.06370
Mann-Kendall S Value: -21.0
FE (Ug/L)
Date
800
700
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500
400
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200
100
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1970
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1985
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2015
2020


Iron
USGS-384145121184101
Local ID 1860.0
r_squared 0.10688
Slope = -0.0035092815
Mann-Kendall Trend : no trend
P Value: 0.17797
Mann-Kendall S Value: -16.0
FE (Ug/L)
Date
800
700
600
500
400
300
200
100
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020


Iron
USGS-384330121293901
Local ID 1868.0
r_squared 0.12364
Slope = 0.0004957595
Mann-Kendall Trend : no trend
P Value: 0.91697
Mann-Kendall S Value: 2.0
FE (Ug/L)
Date
800
700
600
500
400
300
200
100
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020


Iron
USGS-384413121163801
Local ID 2806.0
r_squared 0.91770
Slope = -0.0022770319
Mann-Kendall Trend : no trend
P Value: 0.73410
Mann-Kendall S Value: -2.0
FE (Ug/L)
Date
800
700
600
500
400
300
200
100
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

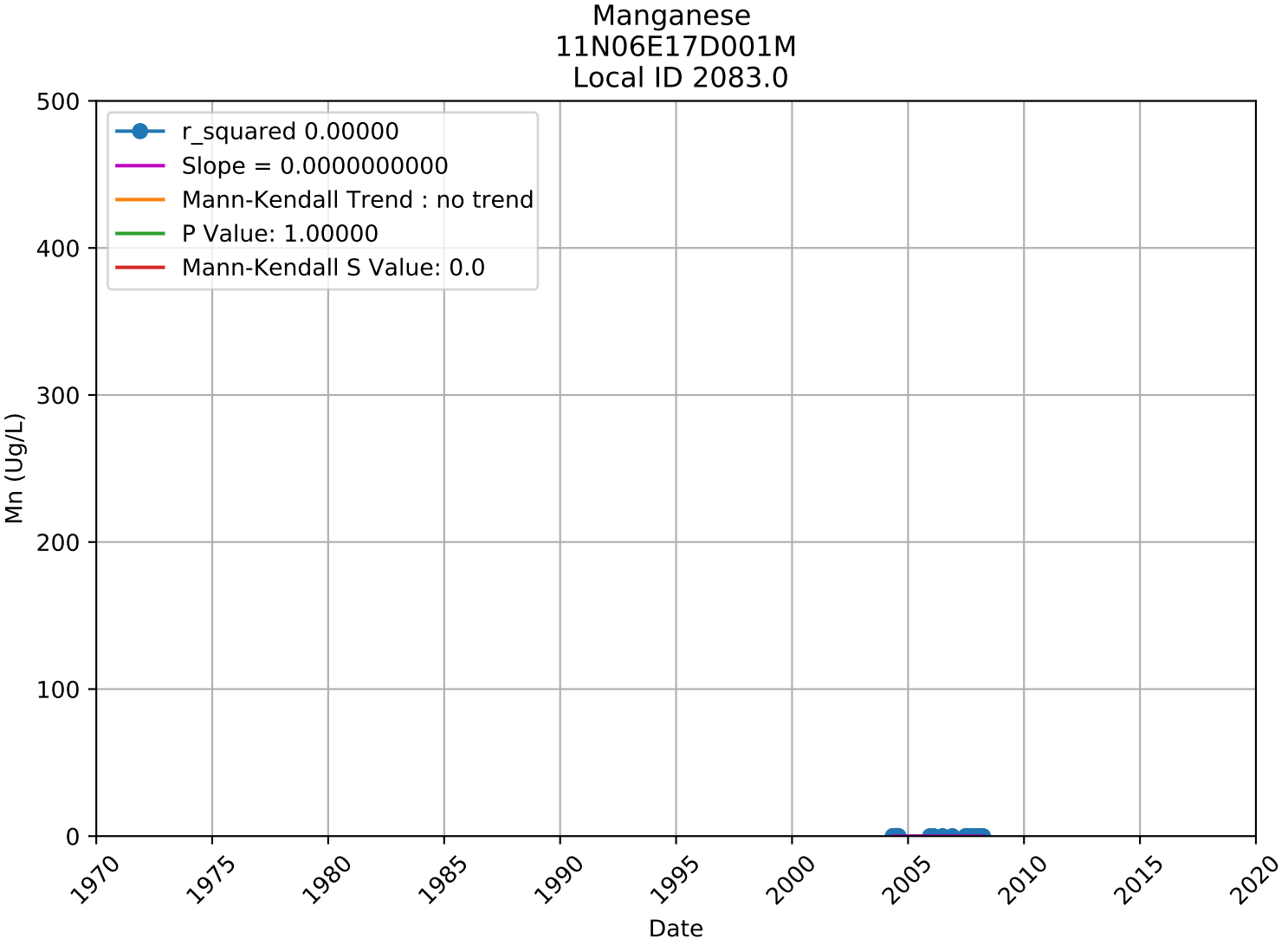
Manganese

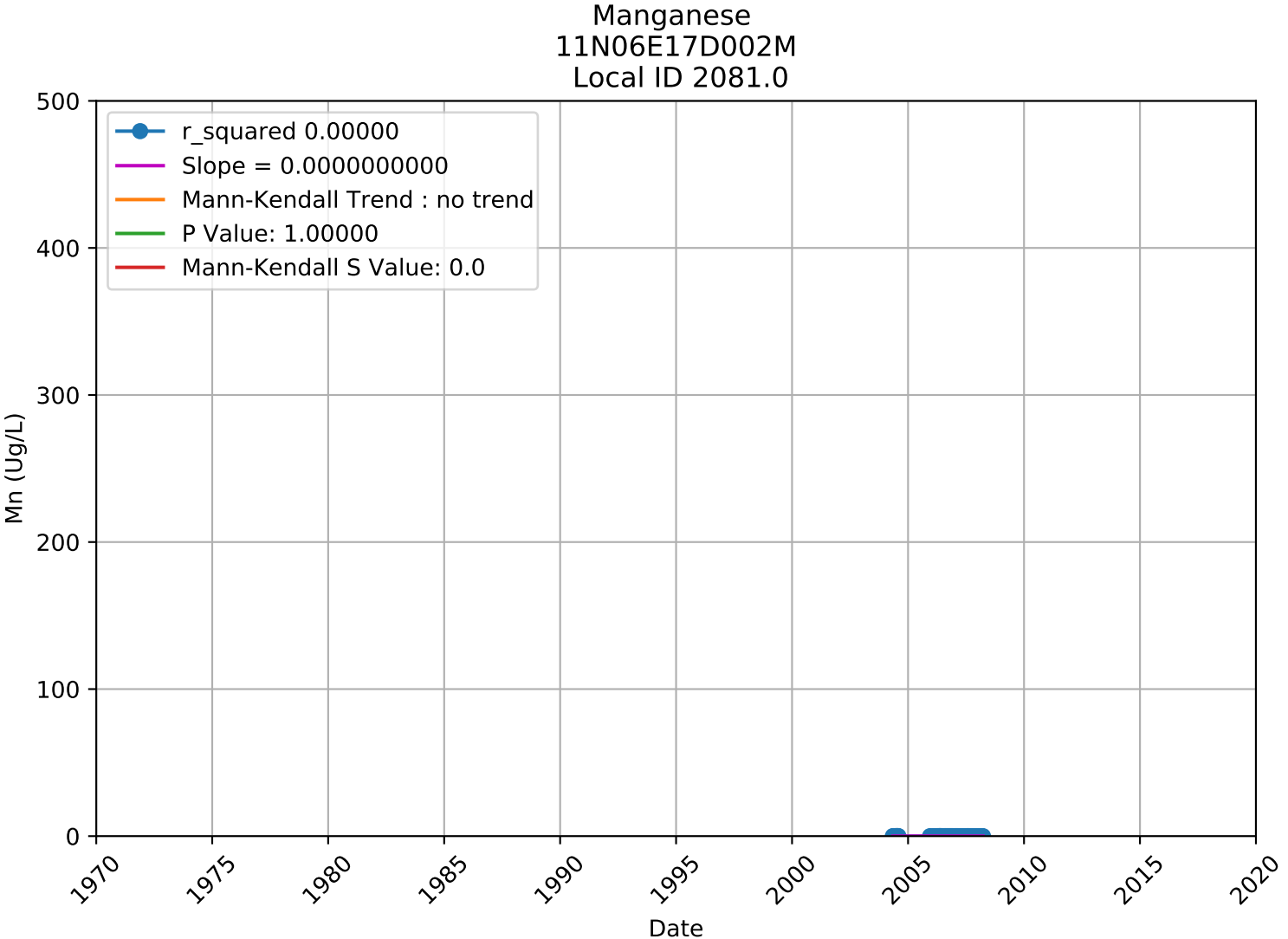
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2081	11N06E17D002M	MN	FALSE	1	0	0	no trend	15158	0	5/6/2004	3/26/2008	38.8027	-121.3384
2080	11N06E17D003M	MN	FALSE	1	0	0	no trend	817	0	5/5/2004	3/26/2008	38.8059	-121.3358
2082	11N06E17E001M	MN	FALSE	1	0	0	no trend	1625.3	0	5/5/2004	3/26/2008	38.8058	-121.3354
2059	3100538-001	MN	FALSE	0.613	3	0.3	no trend	15.7	0.51	8/19/1999	3/23/2018	38.7505	-121.321972
2060	3104508-001	MN	FALSE	1	1	0.1	no trend	13	0	2/19/2004	4/20/2017	38.729952	-121.321616
2071	3110008-006	MN	FALSE	0.652	3	0.2	no trend	19.7	0.45	10/31/1995	8/25/2016	38.736633	-121.277875
2066	3110008-007	MN	FALSE	0.613	-3	-0.3	no trend	15.7	-0.51	10/31/1995	8/25/2016	38.726493	-121.258205
2050	3110008-008	MN	FALSE	0.411	-5	-0.333	no trend	23.7	-0.82	10/22/2002	8/23/2018	38.805938	-121.33588
2064	3110025-005	MN	FALSE	0.516	-15	-0.11	no trend	464.3	-0.65	7/26/1989	9/12/2019	38.818889	-121.31
2063	3110040-001	MN	TRUE	0.029	-28	-0.509	decreasing	152.7	-2.19	9/27/1988	7/9/2002	38.75	-121.34722
2067	3110040-002	MN	FALSE	0.078	-17	-0.472	no trend	82.3	-1.76	8/31/1989	7/9/2002	38.75	-121.34444
2054	3110048-001	MN	FALSE	0.734	2	0.333	no trend	8.7	0.34	2/5/2003	4/9/2018	38.983062	-121.375659
2058	3110048-002	MN	FALSE	0.734	2	0.333	no trend	8.7	0.34	2/5/2003	4/9/2018	38.980075	-121.369185
145	3400173-002	MN	FALSE	1	-1	-0.167	no trend	7.7	0	5/24/2001	2/14/2017	38.640638	-121.483861
272	3400191-001	MN	FALSE	1	0	0	no trend	8.7	0	8/17/2001	3/23/2018	38.65525	-121.379888
193	3410001-001	MN	FALSE	0.482	-10	-0.182	no trend	164	-0.7	4/14/1987	9/5/2017	38.606839	-121.3982
242	3410001-002	MN	FALSE	0.436	-11	-0.2	no trend	165	-0.78	4/14/1987	10/18/2017	38.59783	-121.398024
258	3410001-004	MN	FALSE	0.377	-8	-0.222	no trend	62.7	-0.88	10/31/1988	6/19/2014	38.611483	-121.410107
284	3410001-005	MN	FALSE	0.352	-8	-0.286	no trend	56.7	-0.93	10/31/1988	6/8/2011	38.623478	-121.396638
203	3410001-007	MN	FALSE	0.669	-6	-0.109	no trend	136.7	-0.43	7/24/1989	9/27/2017	38.610999	-121.363391
128	3410001-009	MN	FALSE	1	0	0	no trend	8.7	0	4/14/1987	3/3/2005	38.616331	-121.403703
212	3410001-010	MN	FALSE	0.374	-13	-0.197	no trend	182.3	-0.89	4/14/1987	9/12/2017	38.608099	-121.408153
158	3410001-011	MN	FALSE	0.263	-12	-0.267	no trend	96.7	-1.12	10/31/1988	9/14/2017	38.619863	-121.396184
228	3410001-012	MN	FALSE	0.886	-3	-0.045	no trend	195	-0.14	5/7/1987	12/12/2017	38.617662	-121.403695
82	3410001-013	MN	FALSE	0.564	-7	-0.156	no trend	108.3	-0.58	7/25/1989	9/26/2017	38.598939	-121.370714
146	3410001-014	MN	FALSE	0.396	-6	-0.286	no trend	34.7	-0.85	11/1/1988	9/14/2006	38.61171	-121.386048
260	3410001-015	MN	FALSE	0.391	-11	-0.2	no trend	135.7	-0.86	11/1/1988	9/19/2017	38.59781	-121.381308
191	3410001-016	MN	FALSE	1	-1	-0.028	no trend	47.7	0	11/1/1988	9/4/2014	38.631327	-121.37485
124	3410001-017	MN	FALSE	0.316	-9	-0.25	no trend	63.7	-1	7/24/1989	8/27/2014	38.61981	-121.403732
211	3410001-018	MN	FALSE	0.436	8	0.178	no trend	80.7	0.78	11/1/1988	9/19/2017	38.623854	-121.374359
209	3410001-019	MN	FALSE	0.578	6	0.133	no trend	80.7	0.56	11/1/1988	9/25/2017	38.597831	-121.359623
114	3410001-020	MN	FALSE	1	1	0.028	no trend	47.7	0	1/27/1992	9/19/2017	38.618079	-121.359205
210	3410001-021	MN	FALSE	1	1	0.018	no trend	119.7	0	4/14/1987	9/12/2017	38.615256	-121.419986
161	3410001-022	MN	FALSE	0.436	8	0.178	no trend	80.7	0.78	10/31/1988	9/11/2017	38.604549	-121.42274
64	3410001-024	MN	FALSE	1	-1	-0.167	no trend	7.7	0	7/24/1989	2/19/2001	38.641255	-121.370271
222	3410001-025	MN	FALSE	1	1	0.022	no trend	95.7	0	4/13/1987	9/19/2017	38.60046	-121.359118
148	3410001-026	MN	FALSE	0.848	2	0.133	no trend	27.3	0.19	10/31/1988	2/23/2005	38.627091	-121.384097
113	3410001-027	MN	FALSE	0.817	-3	-0.083	no trend	74.3	-0.23	1/30/1992	9/27/2017	38.605146	-121.390988
244	3410001-028	MN	TRUE	0.021	-25	-0.556	decreasing	108.3	-2.31	7/24/1989	8/21/2014	38.63562	-121.381097
227	3410001-029	MN	FALSE	0.474	-6	-0.214	no trend	48.7	-0.72	1/30/1992	10/3/2017	38.630252	-121.397575
236	3410001-030	MN	FALSE	1	0	0	no trend	75.3	0	7/21/1989	9/26/2017	38.617802	-121.424022
81	3410001-032	MN	FALSE	0.321	-13	-0.236	no trend	146.3	-0.99	10/31/1988	9/19/2017	38.622918	-121.413817
104	3410001-033	MN	FALSE	1	-1	-0.048	no trend	27.7	0	7/21/1989	7/10/2014	38.601378	-121.424
173	3410001-034	MN	FALSE	0.873	3	0.055	no trend	156.3	0.16	5/7/1987	9/11/2017	38.584674	-121.396539
169	3410001-035	MN	FALSE	0.436	8	0.178	no trend	80.7	0.78	7/9/1990	9/28/2017	38.594464	-121.351844
25	3410001-037	MN	FALSE	0.308	-4	-0.667	no trend	8.7	-1.02	4/13/1987	2/5/1998	38.578611	-121.366667
19	3410001-038	MN	FALSE	0.084	-24	-0.308	no trend	176.7	-1.73	7/25/1989	6/9/2011	38.578371	-121.363395
20	3410001-039	MN	FALSE	1	-1	-0.067	no trend	19.7	0	10/31/1988	9/18/2006	38.591742	-121.346413
168	3410001-042	MN	FALSE	0.436	8	0.178	no trend	80.7	0.78	11/1/1988	9/12/2017	38.628014	-121.358648
184	3410001-051	MN	FALSE	1	1	0.018	no trend	119.7	0	4/13/1987	9/11/2017	38.636187	-121.375067
111	3410001-052	MN	FALSE	1	1	0.022	no trend	95.7	0	4/13/1987	9/11/2017	38.625054	-121.362252
287	3410001-054	MN	TRUE	0.002	-196	-0.395	decreasing	3794	-3.17	2/11/1991	8/8/2019	38.582422	-121.408379
122	3410001-055	MN	FALSE	0.324	-10	-0.278	no trend	83.3	-0.99	11/1/1988	12/13/2017	38.594474	-121.39864
26	3410001-056	MN	FALSE	0.443	-8	-0.222	no trend	83.3	-0.77	11/1/1988	9/13/2017	38.578749	-121.41096
3	3410001-061	MN	FALSE	0.937	2	0.036	no trend	161.3	0.08	5/7/1998	9/26/2017	38.582786	-121.338489
176	3410001-062	MN	FALSE	0.211	6	0.286	no trend	16	1.25	8/22/2000	9/5/2017	38.618056	-121.401944
12	3410001-064	MN	FALSE	0.211	6	0.286	no trend	16	1.25	4/23/2002	9/12/2017	38.584121	-121.353432
13	3410001-065	MN	FALSE	0.61	-4	-0.19	no trend	34.7	-0.51	4/22/2002	9/21/2017	38.583196	-121.33679
4	3410001-066	MN	FALSE	0.211	6	0.286	no trend	16	1.25	4/23/2002	9/12/2017	38.582214	-121.338203
2	3410001-067	MN	FALSE	0.685	10	0.083	no trend	493.3	0.41	6/3/1999	1/8/2015	38.582481	-121.417169
225	3410001-069	MN	FALSE	0.089	-37	-0.308	no trend	449	-1.7	7/27/1989	9/28/2017	38.580609	-121.384004
255	3410001-070	MN	FALSE	1	1	0.022	no trend	59.7	0	2/12/1991	9/12/2017	38.576006	-121.403088
205	3410001-071	MN	FALSE	0.979	5	0.003	no trend	22174	0.03	4/17/2002	9/12/2019	38.63056	-121.397787
106	3410001-072	MN	FALSE	0.123	17	0.111	no trend	107.7	1.54	4/17/2002	9/12/2017	38.61744	-121.411527
252	3410001-073	MN	FALSE	0.975	2	0.01	no trend	1031.3	0.03	4/17/2002	7/25/2019	38.58058	-121.383962
58	3410001-076	MN	FALSE	0.927	2	0.036	no trend	120.7	0.09	6/5/1984	7/10/2019	38.644265	-121.362069
69	3410001-077	MN	FALSE	1	1	0.013	no trend	175.7	0	3/7/1984	7/10/2019	38.631522	-121.352911
86	3410001-078	MN	FALSE	0.747	-6	-0.066	no trend	240.7	-0.32	6/5/1984	7/9/2019	38.684818	-121.355931
259	3410001-079	MN	TRUE	0.042	-17	-0.607	decreasing	61.7	-2.04	6/4/1984	7/24/2013	38.667577	-121.334161
110	3410001-080	MN	FALSE	0.974	2	0.01	no trend	930.7	0.03	6/4/1984	7/17/2019	38.672567	-121.331573
174	3410001-081	MN	FALSE	1	-1	-0.013	no trend	224.3	0	6/5/1984	7/22/2019	38.683333	-121.333333
71	3410001-082	MN	TRUE	0.006	-48	-0.527	decreasing	289.3	-2.76	6/4/1984	7/21/2016	38.648929	-121.338368
246	3410001-083	MN	FALSE	0.934	2	0.03	no trend	147.3	0.08	5/17/1984	7/9/2019	38.663692	-121.347786

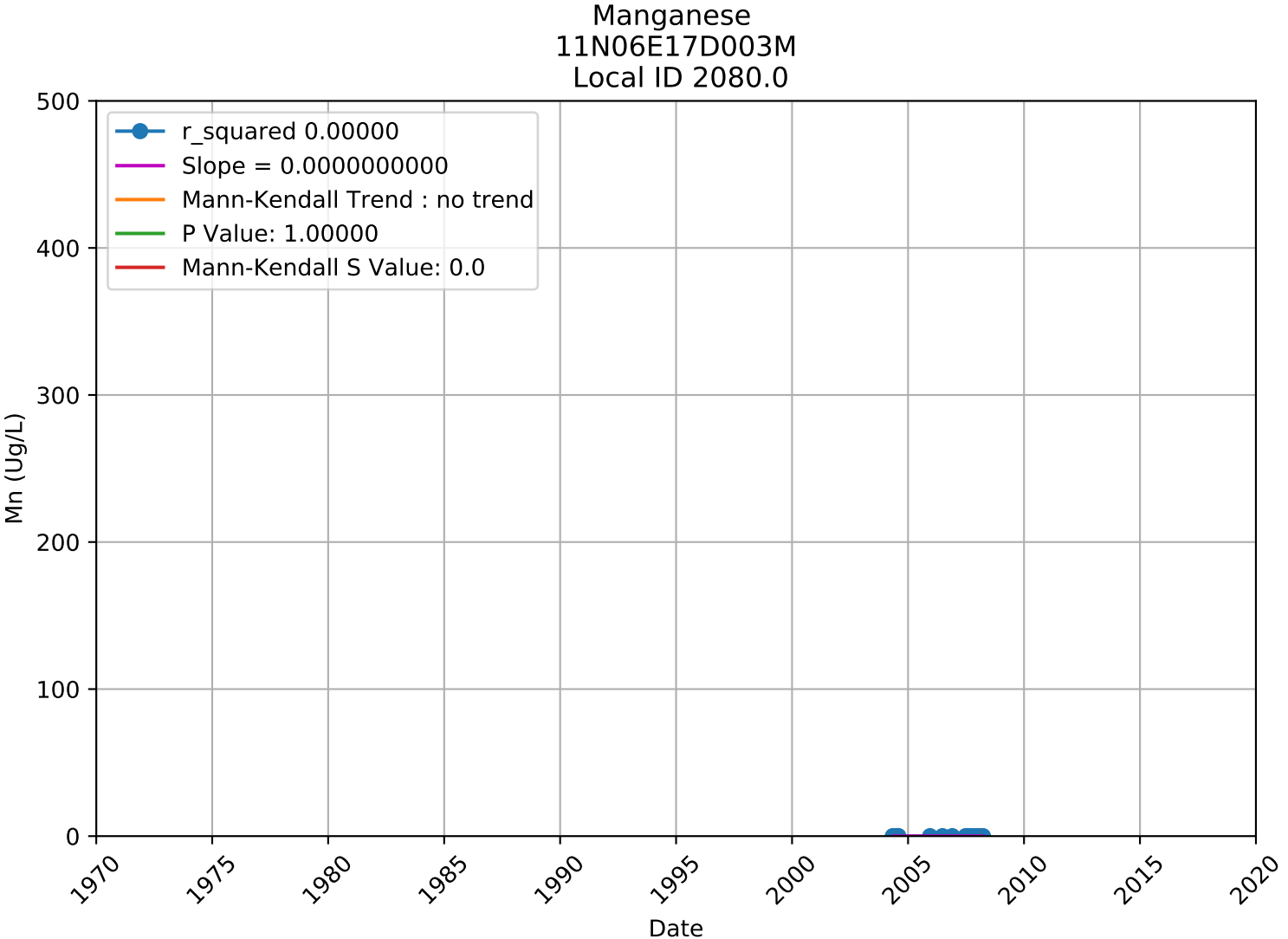
239	3410001-085	MN	FALSE	0.464	-13	-0.143	no trend	268.3	-0.73	6/4/1984	7/17/2019	38.644208	-121.329841
49	3410001-087	MN	FALSE	0.94	2	0.026	no trend	176.7	0.08	6/5/1984	7/11/2019	38.645858	-121.392317
218	3410001-088	MN	FALSE	1	-1	-0.022	no trend	95.7	0	5/17/1984	6/4/2014	38.668746	-121.361
89	3410001-089	MN	FALSE	0.385	-15	-0.165	no trend	259.7	-0.87	3/7/1984	7/9/2019	38.653579	-121.379692
132	3410001-092	MN	TRUE	0.039	-324	-0.183	decreasing	24491	-2.06	6/4/1984	7/24/2018	38.63889	-121.342759
185	3410001-094	MN	FALSE	0.94	2	0.026	no trend	176.7	0.08	5/17/1984	7/10/2019	38.652299	-121.354305
196	3410001-095	MN	FALSE	1	1	0.048	no trend	44.3	0	5/17/1984	6/21/2007	38.658062	-121.356402
297	3410001-096	MN	FALSE	0.671	-7	-0.09	no trend	199.7	-0.42	6/30/1988	7/9/2019	38.689669	-121.360198
102	3410001-097	MN	FALSE	0.404	11	0.141	no trend	143.7	0.83	12/13/1984	7/11/2019	38.694158	-121.360024
256	3410001-098	MN	FALSE	0.651	-10	-0.095	no trend	396	-0.45	5/9/1984	7/9/2019	38.700217	-121.351805
295	3410001-099	MN	FALSE	0.462	-4	-0.4	no trend	16.7	-0.73	10/20/1988	6/21/2007	38.655401	-121.313482
46	3410001-101	MN	FALSE	0.219	-21	-0.269	no trend	265	-1.23	10/27/1988	7/7/2016	38.663926	-121.32579
231	3410001-102	MN	TRUE	0.01	-38	-0.576	decreasing	204	-2.59	10/20/1988	7/15/2019	38.675049	-121.315501
101	3410001-103	MN	FALSE	0.875	2	0.095	no trend	40.7	0.16	10/25/1988	1/13/2014	38.651225	-121.32298
163	3410001-104	MN	FALSE	0.423	9	0.164	no trend	99.7	0.8	2/26/1991	7/10/2019	38.710442	-121.331662
180	3410001-105	MN	FALSE	0.505	23	0.11	no trend	1087	0.67	10/12/1995	7/10/2019	38.710528	-121.331667
262	3410001-106	MN	FALSE	1	0	0	no trend	16.7	0	6/28/2001	6/4/2014	38.710517	-121.331659
85	3410001-107	MN	FALSE	1	0	0	no trend	44.3	0	11/4/1996	7/14/2016	38.709903	-121.357066
127	3410001-111	MN	FALSE	1	1	0.028	no trend	47.7	0	12/13/1995	7/11/2019	38.665363	-121.383099
254	3410001-127	MN	FALSE	0.314	-6	-0.4	no trend	24.7	-1.01	12/13/1995	7/29/2013	38.712268	-121.381099
283	3410001-128	MN	FALSE	0.289	-4	-0.4	no trend	8	-1.06	12/13/1995	6/17/2010	38.709783	-121.374669
149	3410001-129	MN	FALSE	0.242	-5	-0.333	no trend	11.7	-1.17	12/13/1995	7/29/2013	38.710651	-121.387666
118	3410001-133	MN	FALSE	1	0	0	no trend	96.7	0	7/9/1990	7/22/2019	38.682932	-121.376063
182	3410001-135	MN	FALSE	0.694	13	0.062	no trend	931.7	0.39	11/1/1988	3/13/2018	38.68794	-121.385107
99	3410001-136	MN	FALSE	0.486	16	0.133	no trend	464	0.7	5/7/1987	3/27/2018	38.685899	-121.372701
141	3410001-137	MN	FALSE	1	-1	-0.036	no trend	37	0	11/1/1988	6/30/2014	38.692847	-121.375953
183	3410001-139	MN	FALSE	0.397	-11	-0.2	no trend	139.7	-0.85	5/17/1984	7/19/2016	38.69191	-121.364477
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267	3410001-143	MN	FALSE	0.47	-3	-0.5	no trend	7.7	-0.72	4/13/1987	2/4/1998	38.701228	-121.371968
197	3410001-144	MN	FALSE	0.805	4	0.073	no trend	147.3	0.25	4/13/1987	7/23/2019	38.69798	-121.373877
213	3410001-145	MN	FALSE	0.242	5	0.333	no trend	11.7	1.17	4/22/2002	7/10/2019	38.67526	-121.379573
315	3410002-001	MN	FALSE	0.606	7	0.127	no trend	135.7	0.52	2/20/1991	2/8/2017	38.583333	-121.383333
117	3410002-002	MN	FALSE	0.926	-2	-0.044	no trend	115.3	-0.09	7/17/1990	2/8/2017	38.583333	-121.366667
28	3410002-007	MN	FALSE	0.711	-5	-0.111	no trend	116.3	-0.37	8/2/1989	2/14/2017	38.566667	-121.4
10	3410002-012	MN	FALSE	0.834	3	0.083	no trend	91	0.21	8/2/1989	5/8/2017	38.566667	-121.416667
17	3410002-013	MN	FALSE	0.941	2	0.03	no trend	183.3	0.07	7/17/1990	2/14/2017	38.583333	-121.416667
249	3410002-014	MN	FALSE	0.913	-2	-0.056	no trend	83.3	-0.11	7/17/1990	5/8/2017	38.583333	-121.366667
152	3410003-001	MN	FALSE	0.103	30	0.33	no trend	316	1.63	7/20/1989	2/6/2019	38.587545	-121.385145
153	3410003-002	MN	FALSE	0.056	32	0.41	no trend	264	1.91	4/11/1986	2/28/2017	38.582537	-121.383219
245	3410003-004	MN	FALSE	1	1	0.048	no trend	44.3	0	7/20/1989	1/25/2005	38.587611	-121.392074
162	3410003-005	MN	FALSE	0.126	23	0.348	no trend	207	1.53	4/2/1987	7/11/2017	38.591017	-121.384139
251	3410003-006	MN	TRUE	0.04	27	0.491	increasing	160.3	2.05	4/2/1987	2/28/2017	38.59211	-121.387633
238	3410003-008	MN	FALSE	0.346	20	0.19	no trend	407.3	0.94	4/2/1987	2/28/2017	38.600074	-121.391973
74	3410004-001	MN	TRUE	0.036	-24	-0.436	decreasing	120.7	-2.09	10/24/1995	2/3/2004	38.645432	-121.313067
83	3410004-004	MN	FALSE	0.424	17	0.162	no trend	399.7	0.8	2/19/1991	1/28/2010	38.64988	-121.30798
175	3410004-005	MN	FALSE	0.754	4	0.111	no trend	92	0.31	11/9/1988	10/4/2001	38.633333	-121.35
172	3410004-006	MN	TRUE	0	-152	-0.551	decreasing	1596	-3.78	5/8/1987	6/1/2017	38.622744	-121.335704
6	3410004-007	MN	FALSE	0.155	-10	-0.182	no trend	40	-1.42	8/1/1990	10/23/2002	38.594673	-121.334606
150	3410004-009	MN	FALSE	0.912	4	0.016	no trend	734.7	0.11	2/19/1991	6/1/2017	38.619652	-121.333354
261	3410004-016	MN	FALSE	0.298	45	0.15	no trend	1787	1.04	5/8/1987	6/1/2017	38.645576	-121.306819
248	3410004-020	MN	FALSE	0.207	24	0.264	no trend	332.7	1.26	4/25/2002	6/1/2017	38.641845	-121.315446
139	3410004-021	MN	FALSE	1	-1	-0.015	no trend	87.7	0	4/23/2002	6/1/2017	38.604804	-121.342252
290	3410006-001	MN	FALSE	0.213	17	0.309	no trend	165	1.25	7/19/1989	5/30/2019	38.661305	-121.292607
207	3410006-007	MN	FALSE	0.308	-4	-0.667	no trend	8.7	-1.02	7/19/1989	1/21/1998	38.705556	-121.308333
198	3410006-008	MN	FALSE	1	-1	-0.048	no trend	27.7	0	12/6/1990	2/20/2013	38.679425	-121.289154
98	3410006-010	MN	FALSE	1	0	0	no trend	8.7	0	10/21/2004	6/6/2018	38.698638	-121.269673
130	3410007-001	MN	FALSE	0.707	-3	-0.2	no trend	28.3	-0.38	4/10/1992	6/24/2010	38.613787	-121.367811
229	3410007-002	MN	FALSE	0.084	-16	-0.444	no trend	75.3	-1.73	11/7/1988	8/7/2019	38.613607	-121.371676
216	3410007-003	MN	FALSE	0.711	-4	-0.143	no trend	65.3	-0.37	7/19/1989	8/22/2016	38.606352	-121.369707
269	3410007-004	MN	FALSE	1	-1	-0.028	no trend	47.7	0	7/19/1989	8/6/2019	38.607768	-121.374083
77	3410007-005	MN	FALSE	0.205	12	0.333	no trend	75.3	1.27	11/7/1988	8/6/2019	38.61458	-121.378552
142	3410007-006	MN	FALSE	0.537	-10	-0.152	no trend	212.7	-0.62	7/19/1989	1/20/2012	38.60731	-121.364767
195	3410007-007	MN	FALSE	0.084	-16	-0.444	no trend	75.3	-1.73	7/19/1989	8/6/2019	38.606531	-121.380719
253	3410007-008	MN	FALSE	1	1	0.048	no trend	27.7	0	1/26/1993	8/13/2019	38.613172	-121.380739
166	3410009-001	MN	FALSE	1	-1	-0.1	no trend	13	0	2/28/1991	6/16/2004	38.643048	-121.268528
100	3410009-003	MN	FALSE	1	-1	-0.167	no trend	7.7	0	11/9/1988	2/8/2000	38.666667	-121.216667
105	3410009-004	MN	FALSE	1	-1	-0.036	no trend	37	0	8/2/1990	6/6/2006	38.651282	-121.255173
78	3410009-005	MN	FALSE	1	-1	-0.067	no trend	19.7	0	11/9/1988	6/16/2004	38.650805	-121.286999
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234	3410009-007	MN	FALSE	0.175	-8	-0.222	no trend	26.7	-1.36	7/19/1989	6/14/2012	38.651297	-121.296666
217	3410009-008	MN	FALSE	0.548	5	0.238	no trend	44.3	0.6	8/16/1990	6/6/2006	38.662066	-121.265396
164	3410009-010	MN	FALSE	0.611	6	0.133	no trend	96.7	0.51	11/7/1991	6/14/2012	38.659628	-121.25556
93	3410013-001	MN	FALSE	0.889	3	0.045	no trend	204.3	0.14	10/7/1992	8/13/2018	38.694922	-121.332628
159	3410013-002	MN	FALSE	0.816	-16	-0.03	no trend	4163.3	-0.23	2/18/1992	8/6/2019	38.69054	-121.34151
51	3410013-003	MN	FALSE	0.408	11	0.2	no trend	146.3	0.83	11/2/1988	8/16/2018	38.683982	-121.31348

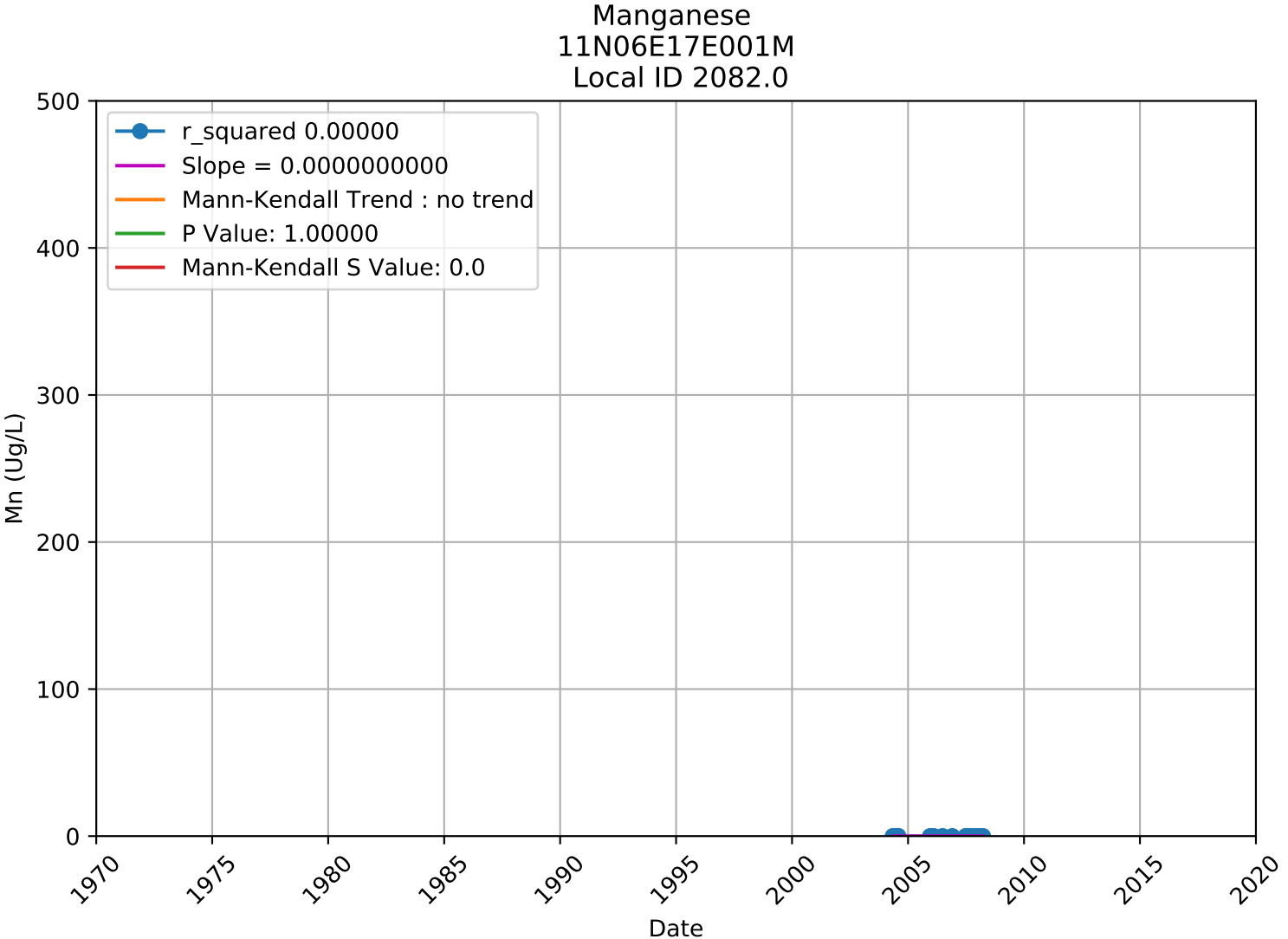
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63	3410013-006	MN	FALSE	1	-1	-0.015	no trend	211.7	0	2/11/1992	8/8/2018	38.685052	-121.305855
156	3410013-007	MN	FALSE	0.508	7	0.194	no trend	82.3	0.66	4/15/1987	8/19/2015	38.691478	-121.336784
270	3410013-008	MN	FALSE	0.07	29	0.372	no trend	238.3	1.81	11/2/1988	8/16/2018	38.673506	-121.340002
224	3410013-009	MN	FALSE	0.72	6	0.091	no trend	194	0.36	4/15/1987	8/7/2018	38.695662	-121.29509
92	3410013-010	MN	FALSE	0.064	58	0.305	no trend	948	1.85	4/14/1989	8/15/2018	38.670117	-121.341406
237	3410013-012	MN	FALSE	0.503	13	0.143	no trend	320.3	0.67	7/2/1990	8/13/2018	38.66565	-121.302524
223	3410013-013	MN	FALSE	0.683	-10	-0.083	no trend	484.7	-0.41	4/15/1987	8/13/2018	38.678824	-121.304628
144	3410013-014	MN	FALSE	0.72	6	0.091	no trend	194	0.36	11/2/1988	8/8/2018	38.668822	-121.304482
112	3410013-015	MN	FALSE	1	1	0.015	no trend	201	0	2/18/1992	8/6/2018	38.70124	-121.345319
233	3410013-016	MN	FALSE	0.699	6	0.091	no trend	167.3	0.39	2/11/1993	8/13/2018	38.709473	-121.292244
265	3410013-017	MN	FALSE	0.61	-4	-0.19	no trend	34.7	-0.51	2/11/1992	8/24/2006	38.712243	-121.303547
247	3410013-019	MN	FALSE	1	1	0.011	no trend	302.3	0	4/15/1987	8/6/2018	38.700287	-121.330955
226	3410013-020	MN	FALSE	1	-1	-0.036	no trend	55.7	0	11/2/1988	8/24/2006	38.716217	-121.294262
88	3410013-021	MN	FALSE	0.698	7	0.09	no trend	238.3	0.39	11/2/1988	8/8/2018	38.683333	-121.35
232	3410013-022	MN	FALSE	0.726	4	0.111	no trend	73.3	0.35	2/18/1992	9/11/2012	38.7124	-121.306829
189	3410013-023	MN	FALSE	0.298	-20	-0.22	no trend	332.7	-1.04	7/28/1989	8/7/2018	38.695536	-121.313454
66	3410013-024	MN	FALSE	0.833	-4	-0.061	no trend	202	-0.21	2/11/1992	8/7/2018	38.680539	-121.31067
220	3410013-025	MN	FALSE	0.363	-25	-0.163	no trend	697	-0.91	8/15/1989	8/13/2018	38.718426	-121.313299
188	3410013-026	MN	FALSE	1	1	0.011	no trend	302.3	0	4/15/1987	8/6/2018	38.701667	-121.344722
119	3410013-027	MN	FALSE	0.699	6	0.091	no trend	167.3	0.39	2/18/1992	9/18/2012	38.709413	-121.317252
165	3410013-028	MN	FALSE	1	-1	-0.036	no trend	64.3	0	4/21/1997	8/13/2018	38.698857	-121.32618
125	3410016-001	MN	FALSE	1	-1	-0.167	no trend	7.7	0	8/2/1990	12/21/2004	38.686538	-121.219546
147	3410016-002	MN	FALSE	0.289	-4	-0.4	no trend	8	-1.06	4/18/1991	1/17/2013	38.694541	-121.210813
126	3410018-005	MN	FALSE	0.26	7	0.467	no trend	28.3	1.13	7/28/1989	3/5/2002	38.721801	-121.46774
24	3410020-015	MN	FALSE	0.203	-11	-0.393	no trend	61.7	-1.27	1/17/1992	4/3/2017	38.6125	-121.479167
11	3410020-016	MN	FALSE	1	0	0	no trend	56.7	0	1/17/1992	1/20/2015	38.616667	-121.479167
293	3410020-017	MN	FALSE	0.203	17	0.309	no trend	157.7	1.27	11/18/1988	8/24/2017	38.62266	-121.477813
84	3410020-018	MN	FALSE	0.36	-10	-0.222	no trend	96.7	-0.92	1/17/1992	5/8/2017	38.627831	-121.477227
292	3410020-021	MN	FALSE	1	1	0.067	no trend	28.3	0	1/21/1992	10/12/2011	38.607083	-121.454779
97	3410020-022	MN	FALSE	0.788	-4	-0.089	no trend	124	-0.27	11/18/1988	3/20/2017	38.607305	-121.443097
136	3410020-023	MN	FALSE	1	1	0.036	no trend	64.3	0	1/21/1992	3/7/2017	38.604956	-121.439486
314	3410020-024	MN	FALSE	0.78	4	0.089	no trend	115.3	0.28	11/18/1988	10/10/2011	38.612801	-121.450505
129	3410020-025	MN	FALSE	0.613	-3	-0.3	no trend	15.7	-0.51	1/21/1992	10/9/2008	38.612294	-121.440456
215	3410020-027	MN	FALSE	1	0	0	no trend	96.7	0	1/22/1992	5/8/2017	38.620988	-121.443553
279	3410020-028	MN	FALSE	0.206	18	0.273	no trend	180.7	1.26	11/18/1988	5/8/2017	38.62044	-121.432285
108	3410020-029	MN	FALSE	1	-1	-0.028	no trend	91	0	1/17/1992	3/20/2017	38.618056	-121.468056
107	3410020-030	MN	FALSE	0.629	-6	-0.133	no trend	107.3	-0.48	1/17/1992	5/8/2017	38.625119	-121.462605
59	3410020-032	MN	FALSE	0.211	-26	-0.217	no trend	399.3	-1.25	1/16/1991	8/24/2017	38.628503	-121.43627
55	3410020-033	MN	FALSE	0.073	17	0.472	no trend	79.7	1.79	11/16/1988	10/10/2011	38.626808	-121.42959
171	3410020-034	MN	FALSE	1	1	0.018	no trend	143.7	0	1/16/1991	2/27/2018	38.638412	-121.446721
73	3410020-035	MN	FALSE	1	1	0.018	no trend	143.7	0	1/16/1991	2/27/2018	38.639934	-121.427293
133	3410020-037	MN	FALSE	0.629	7	0.127	no trend	154.3	0.48	1/16/1991	5/8/2017	38.651207	-121.469509
264	3410020-038	MN	FALSE	0.144	17	0.309	no trend	119.7	1.46	1/16/1991	5/8/2017	38.647475	-121.459256
50	3410020-039	MN	FALSE	1	-1	-0.1	no trend	15.7	0	1/22/1992	10/8/2003	38.627595	-121.432917
56	3410020-040	MN	FALSE	0.492	9	0.164	no trend	135.7	0.69	10/22/1990	5/9/2017	38.629597	-121.420726
278	3410020-041	MN	FALSE	1	1	0.015	no trend	179.7	0	1/16/1991	5/9/2017	38.641387	-121.435795
22	3410020-042	MN	FALSE	0.659	-5	-0.139	no trend	82.3	-0.44	1/21/1992	3/7/2017	38.596923	-121.458973
294	3410020-044	MN	FALSE	0.521	6	0.214	no trend	60.7	0.64	10/16/1990	10/10/2011	38.613996	-121.456155
194	3410020-045	MN	FALSE	0.492	9	0.164	no trend	135.7	0.69	10/19/1990	5/9/2017	38.622276	-121.446858
134	3410020-046	MN	FALSE	0.659	-5	-0.139	no trend	82.3	-0.44	1/22/1992	9/22/2014	38.623116	-121.427024
157	3410020-050	MN	FALSE	0.145	17	0.378	no trend	120.3	1.46	1/16/1991	3/25/2014	38.668053	-121.438012
42	3410020-051	MN	FALSE	0.203	17	0.309	no trend	157.7	1.27	1/16/1991	2/27/2018	38.634413	-121.412516
296	3410020-052	MN	FALSE	0.853	-3	-0.067	no trend	116.3	-0.19	3/8/1993	5/9/2017	38.599341	-121.445804
214	3410020-054	MN	FALSE	0.629	-6	-0.133	no trend	107.3	-0.48	1/21/1992	8/24/2017	38.596324	-121.427308
33	3410020-055	MN	FALSE	0.941	2	0.03	no trend	183.3	0.07	1/17/1992	5/9/2017	38.617636	-121.469304
91	3410020-056	MN	TRUE	0.002	-82	-0.39	decreasing	687.3	-3.09	1/12/1994	5/9/2017	38.654657	-121.448564
291	3410020-057	MN	TRUE	0.027	-31	-0.47	decreasing	184.3	-2.21	1/18/1995	12/19/2018	38.658482	-121.466415
30	3410026-001	MN	FALSE	0.308	-4	-0.667	no trend	8.7	-1.02	2/21/1991	5/31/2012	38.58961	-121.429343
7	3410026-002	MN	FALSE	0.289	-4	-0.4	no trend	8	-1.06	2/21/1991	5/3/2018	38.588266	-121.423478
31	3410026-003	MN	FALSE	0.289	-4	-0.4	no trend	8	-1.06	2/21/1991	5/3/2018	38.593617	-121.439154
18	3410026-004	MN	FALSE	1	1	0.1	no trend	15.7	0	2/21/1991	5/3/2018	38.593339	-121.432431
206	3410031-001	MN	FALSE	0.944	3	0.018	no trend	808.3	0.07	3/24/1988	5/16/2019	38.720833	-121.358333
190	3410031-002	MN	FALSE	0.731	5	0.091	no trend	135.7	0.34	9/10/1993	8/8/2018	38.717222	-121.3575
94	3410031-003	MN	FALSE	0.552	-13	-0.124	no trend	406.3	-0.6	4/14/1989	8/14/2018	38.7	-121.383333
221	3410031-004	MN	FALSE	0.071	65	0.281	no trend	1255.7	1.81	10/29/1987	8/14/2018	38.718056	-121.382222
61	3410031-005	MN	FALSE	1	-1	-0.018	no trend	154.3	0	2/26/1992	8/5/2015	38.716667	-121.4
160	3410031-006	MN	FALSE	1	1	0.011	no trend	302.3	0	11/2/1988	8/14/2018	38.708333	-121.383611
2073	3410031-007	MN	FALSE	0.225	-23	-0.253	no trend	329	-1.21	11/2/1988	8/9/2018	38.733333	-121.35
2056	3410031-008	MN	FALSE	0.72	6	0.091	no trend	194	0.36	10/7/1992	8/9/2018	38.733333	-121.35
208	3410031-009	MN	FALSE	0.408	11	0.2	no trend	146.3	0.83	1/15/1992	8/7/2018	38.715278	-121.378056
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289	3410031-011	MN	FALSE	0.056	-215	-0.191	no trend	12534	-1.91	6/21/1990	3/4/2019	38.726944	-121.3825
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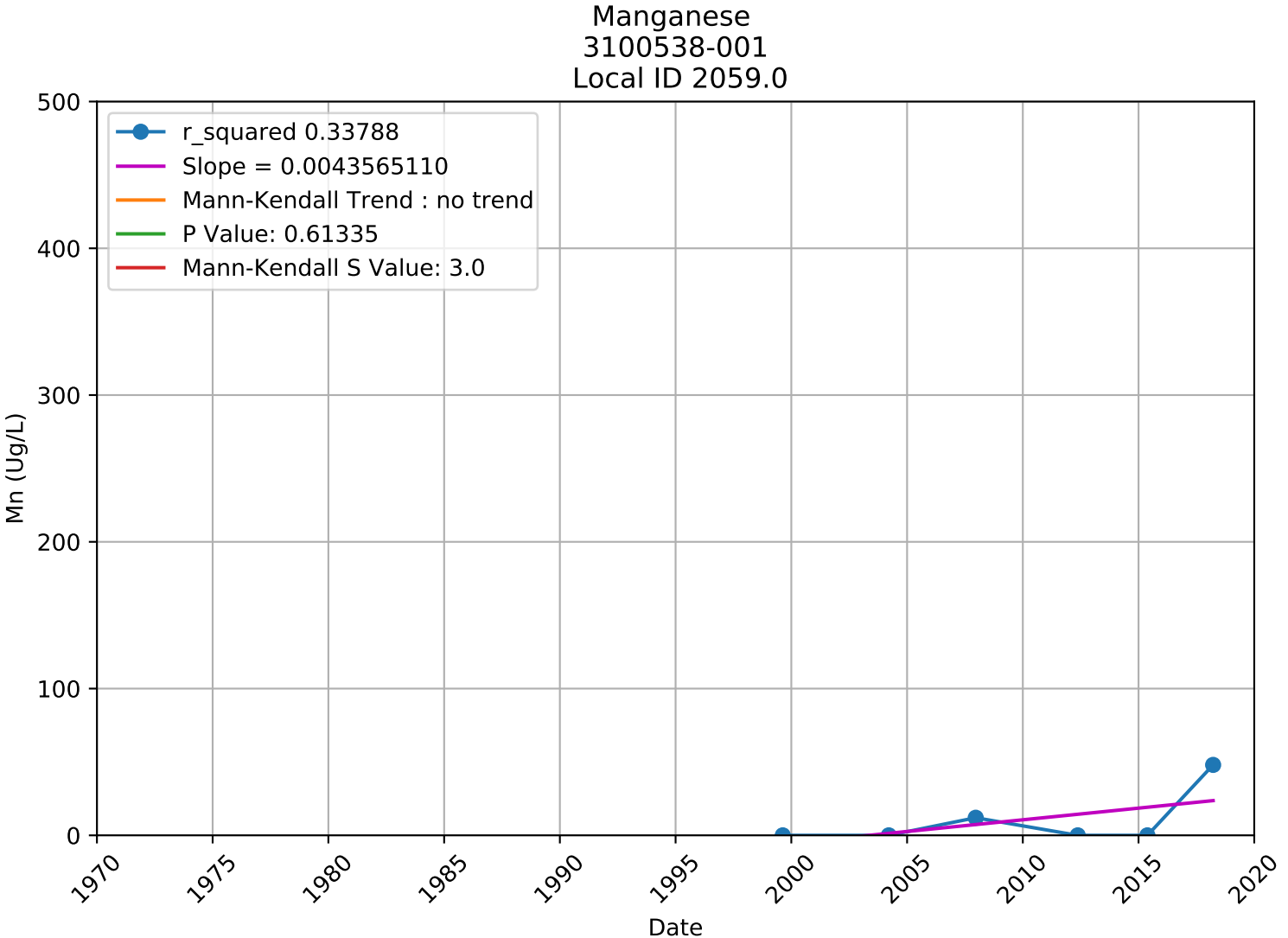
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95	3410031-015	MN	FALSE	0.734	2	0.333	no trend	8.7	0.34	2/11/1993	8/14/2018	38.716667	-121.416667
241	3410031-016	MN	FALSE	0.772	4	0.089	no trend	107.3	0.29	7/16/1996	8/8/2018	38.724444	-121.336111
80	3410031-017	MN	FALSE	0.826	3	0.083	no trend	82.3	0.22	4/30/1998	8/8/2018	38.723056	-121.349722
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288	3410045-001	MN	FALSE	1	1	0.013	no trend	249	0	11/3/1988	8/7/2018	38.586137	-121.411513
138	3410045-002	MN	FALSE	0.262	13	0.289	no trend	114.3	1.12	2/25/1992	8/7/2018	38.583085	-121.413054
116	3410045-003	MN	FALSE	0.747	5	0.091	no trend	154.3	0.32	2/25/1992	8/7/2018	38.594423	-121.417465
243	3410045-004	MN	TRUE	0.022	93	0.337	increasing	1624.3	2.28	4/20/1987	8/11/2014	38.592566	-121.407256
96	3410045-005	MN	FALSE	0.72	6	0.091	no trend	194	0.36	11/2/1988	8/7/2018	38.600025	-121.410183
2907	5105004-001	MN	FALSE	0.386	-8	-0.286	no trend	65.3	-0.87	11/29/2000	10/16/2013	38.777769	-121.52437
1859	USGS-383746121291101	MN	FALSE	0.64	-7	-0.127	no trend	165	-0.47	8/4/1998	8/8/2017	38.6292139	-121.4877028
1855	USGS-383900121270001	MN	FALSE	0.308	-4	-0.667	no trend	8.7	-1.02	6/14/2005	6/15/2005	38.6585	-121.4664722
1860	USGS-384145121184101	MN	TRUE	0.049	-23	-0.511	decreasing	125	-1.97	8/17/1998	9/4/2012	38.6964	-121.3120389
1868	USGS-384330121293901	MN	FALSE	0.251	-12	-0.333	no trend	92	-1.15	8/11/1997	8/16/2012	38.7251167	-121.4954417
2806	USGS-384413121163801	MN	FALSE	0.734	2	0.333	no trend	8.7	0.34	9/24/1982	3/10/2014	38.7369444	-121.2772222

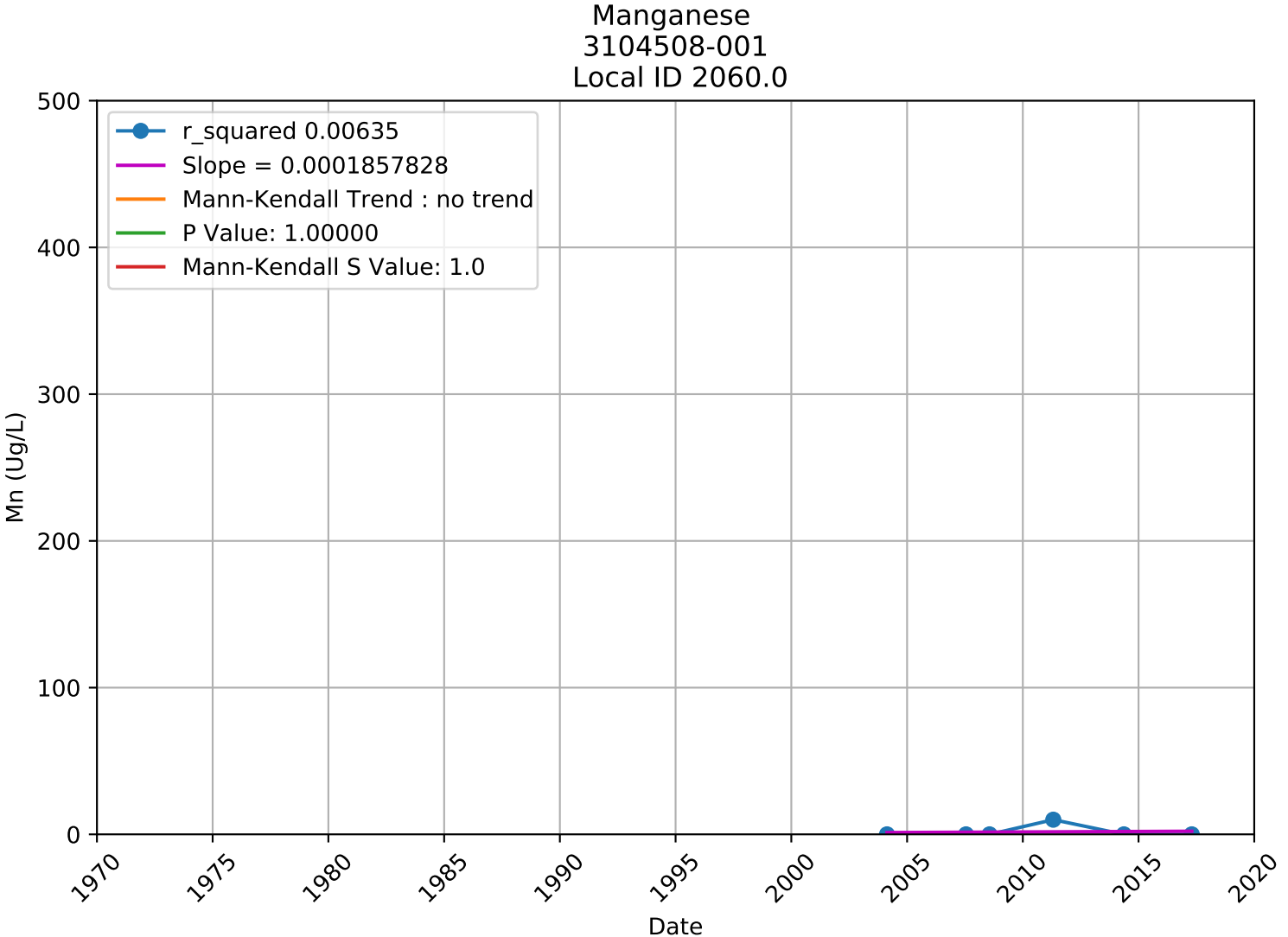

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Mann-Kendall S Value: 0.0
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300
200
100
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1975
1980
1985
1990
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2000
2005
2010
2015
2020

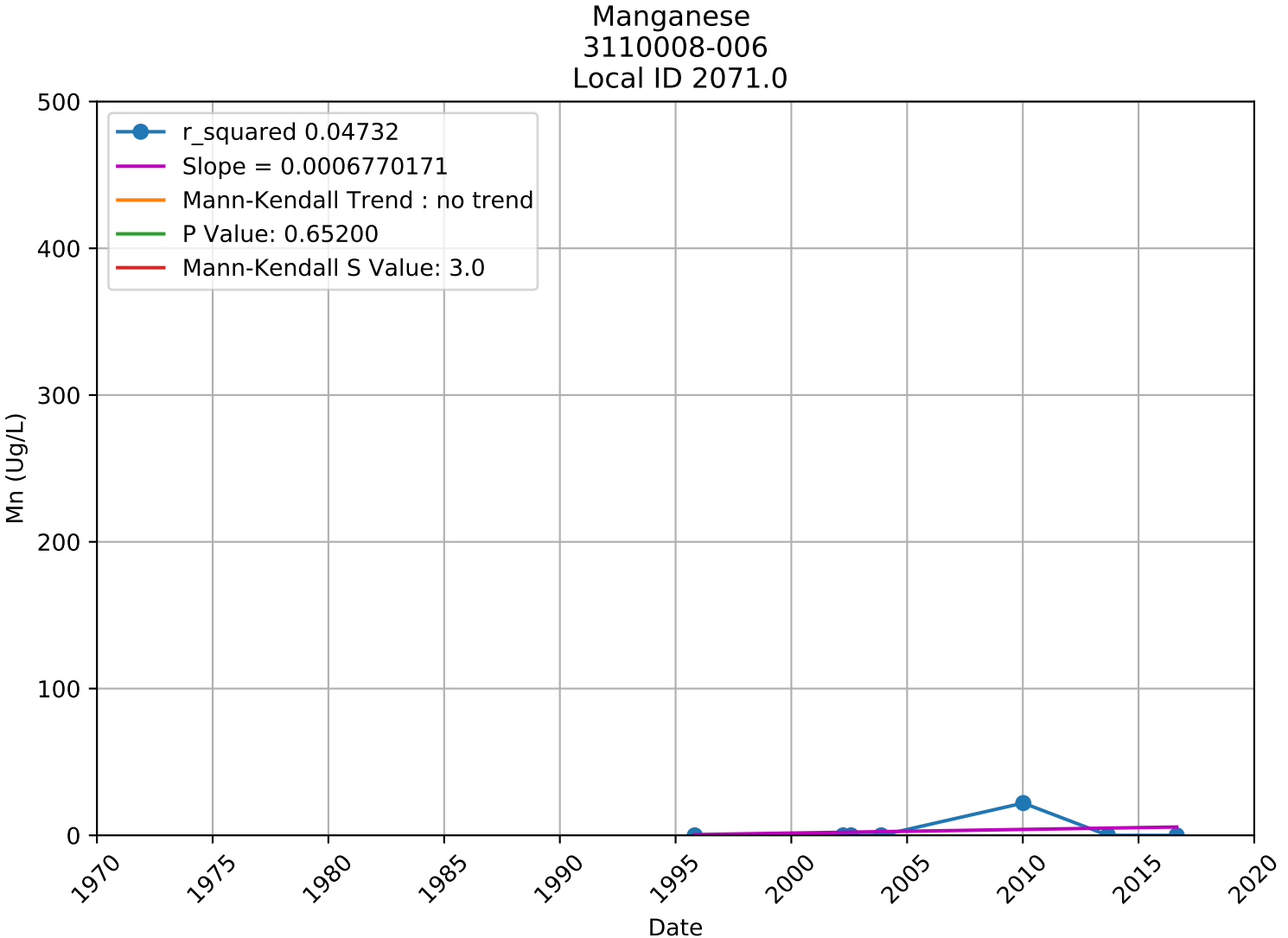

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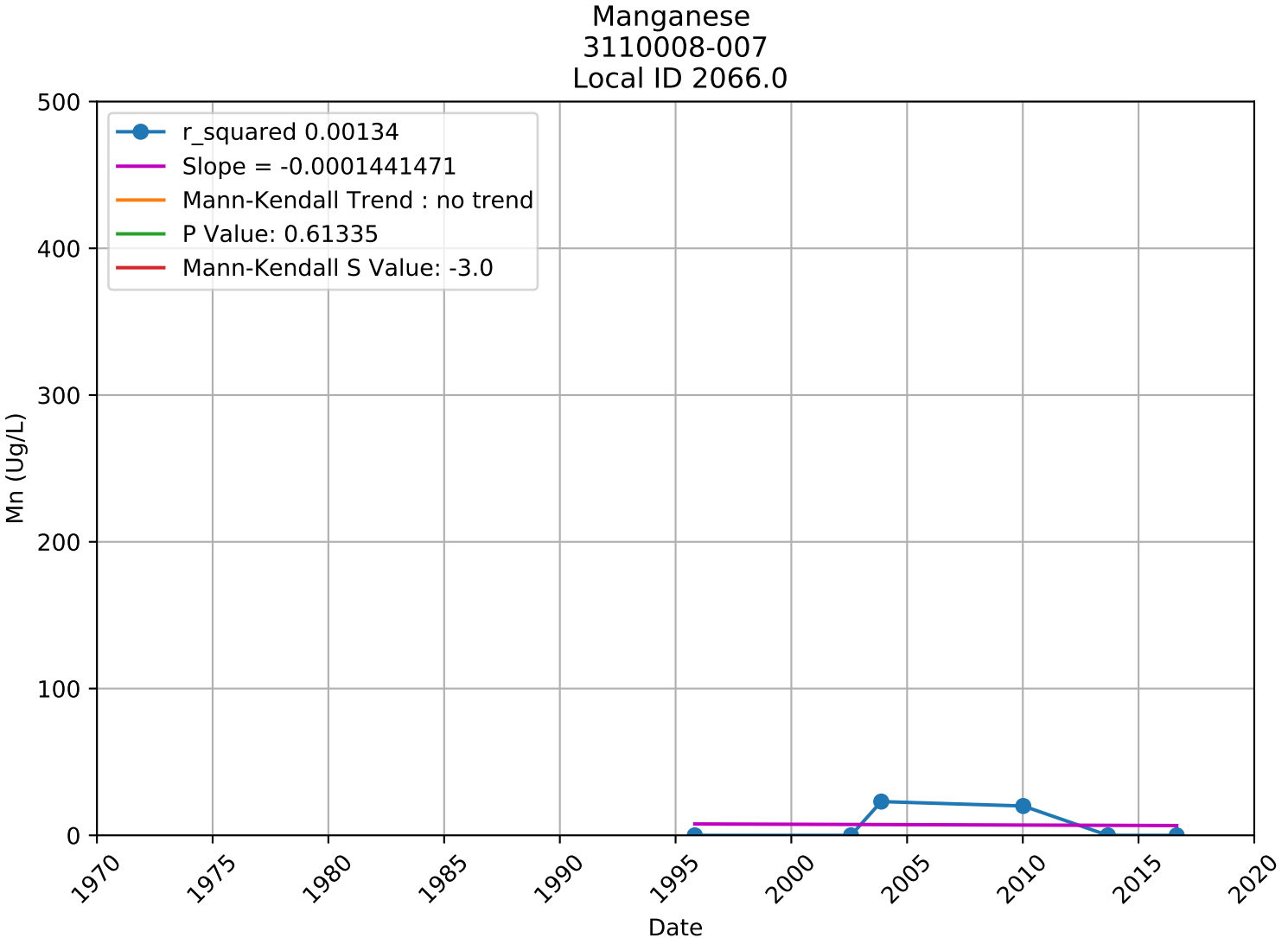

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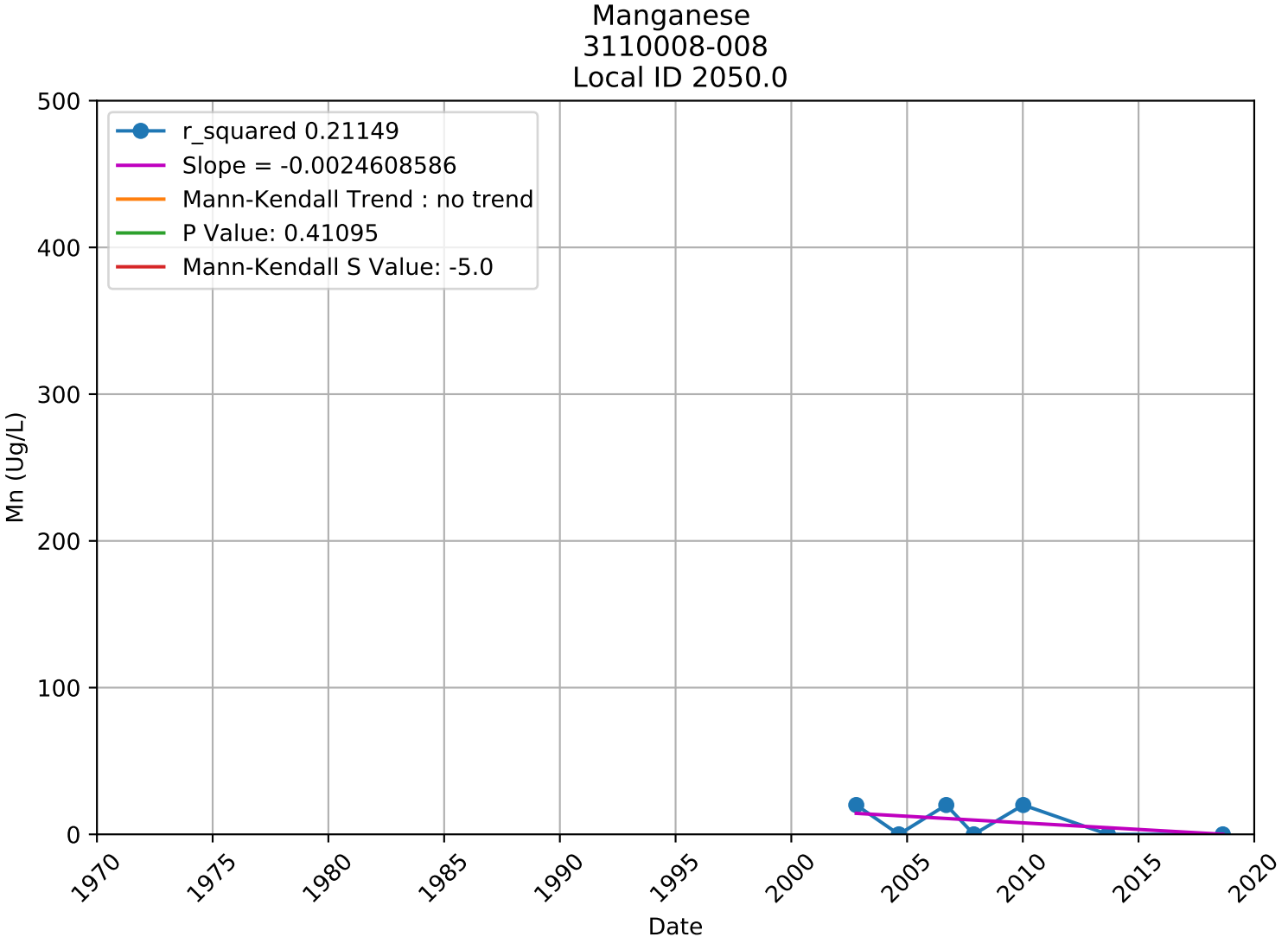

Manganese
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Mann-Kendall S Value: 0.0
Mn (Ug/L)
Date
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300
200
100
0
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1975
1980
1985
1990
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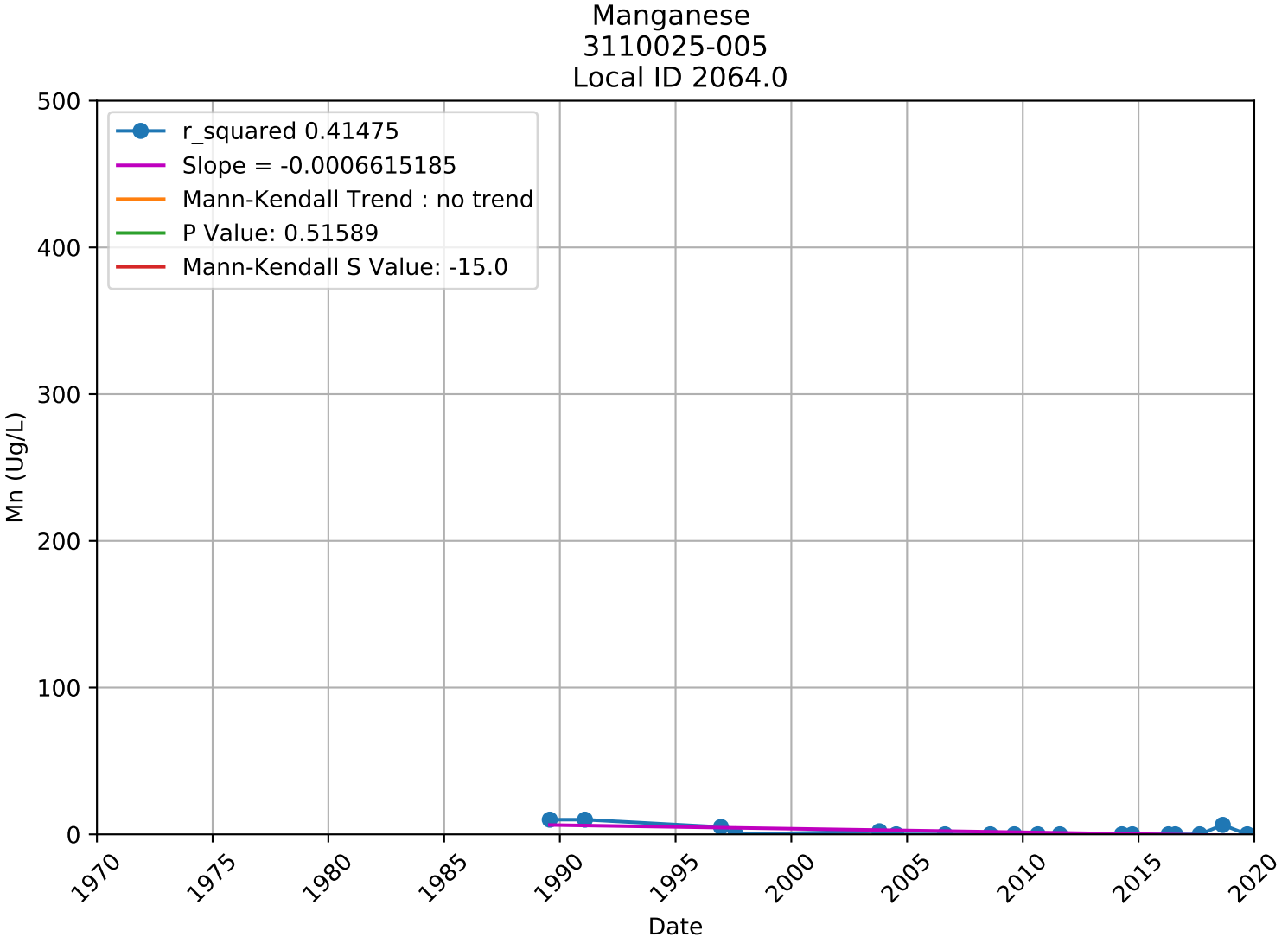

Manganese
3100538-001
Local ID 2059.0
r_squared 0.33788
Slope = 0.0043565110
Mann-Kendall Trend : no trend
P Value: 0.61335
Mann-Kendall S Value: 3.0
Mn (Ug/L)
Date
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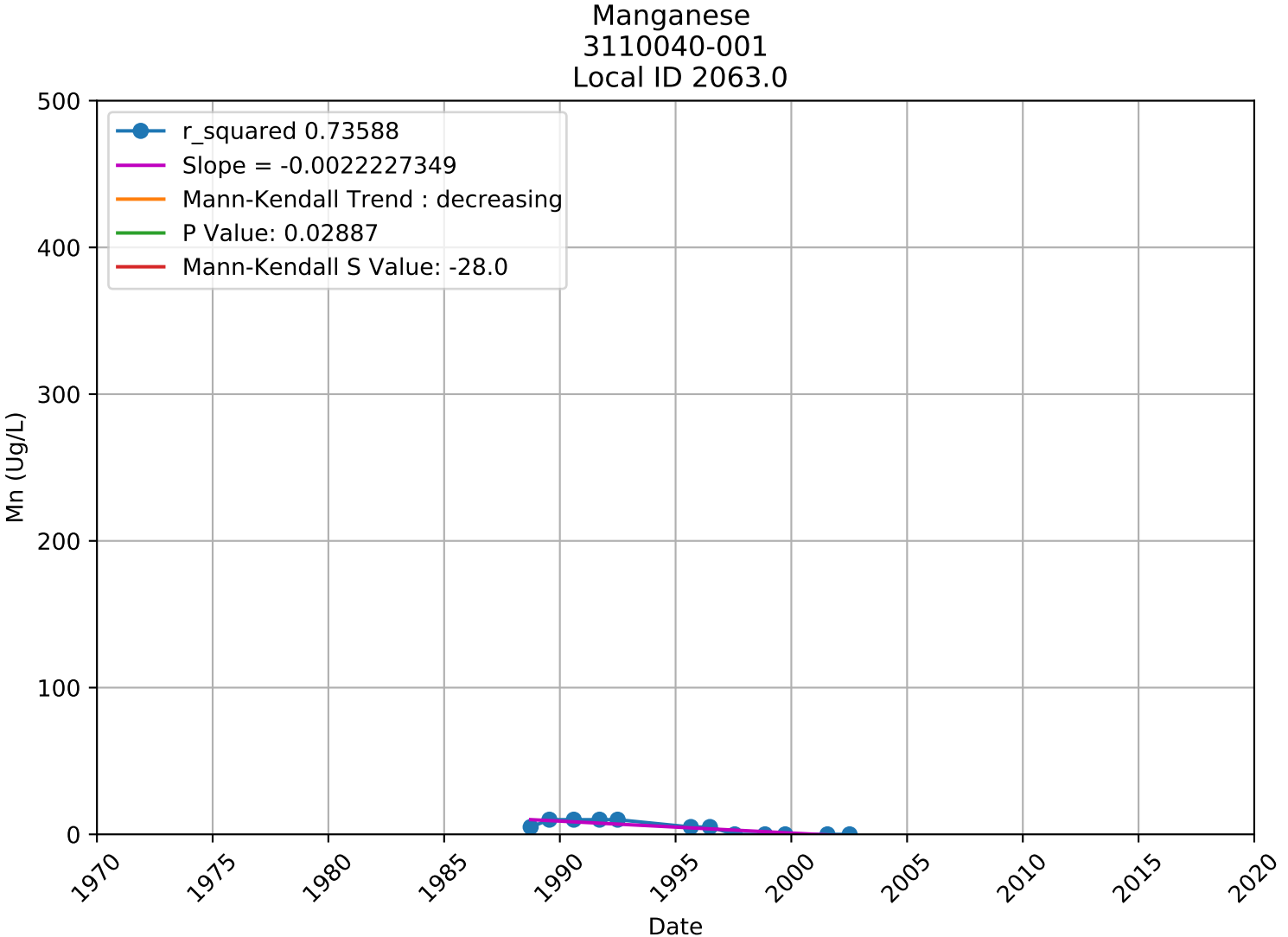

Manganese
3104508-001
Local ID 2060.0
r_squared 0.00635
Slope = 0.0001857828
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
Mn (Ug/L)
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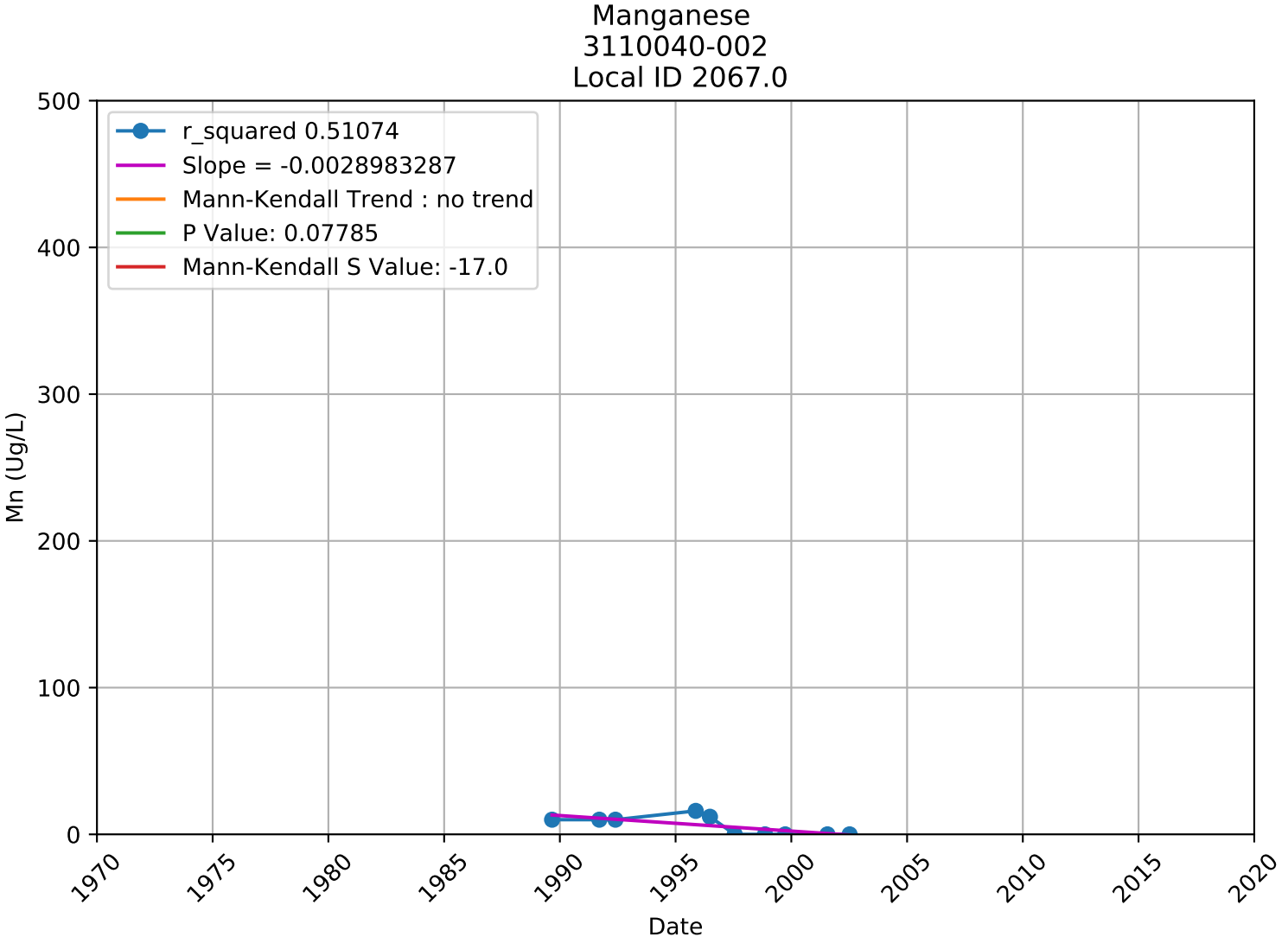

Manganese
3110008-006
Local ID 2071.0
r_squared 0.04732
Slope = 0.0006770171
Mann-Kendall Trend : no trend
P Value: 0.65200
Mann-Kendall S Value: 3.0
Mn (Ug/L)
Date
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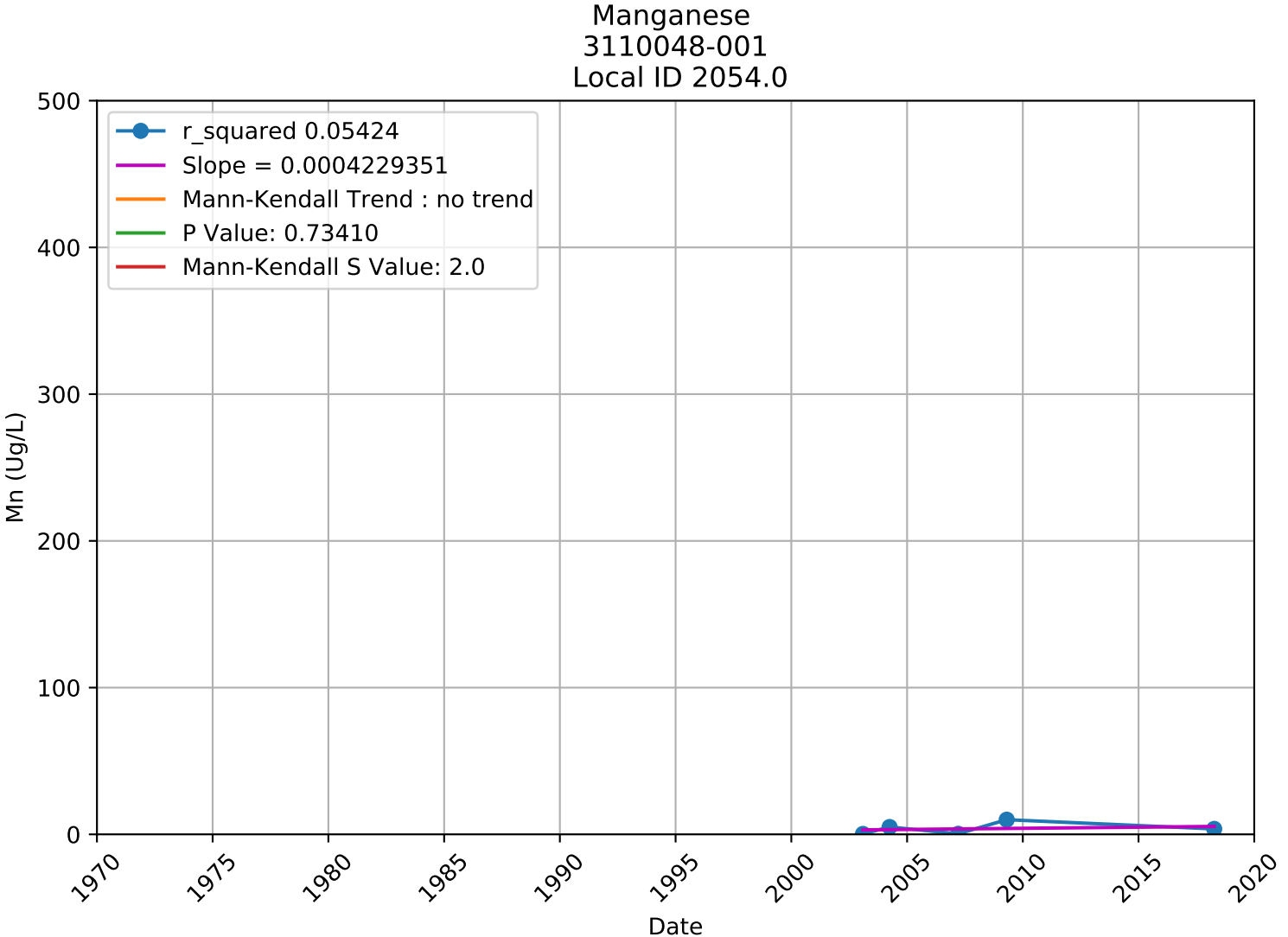

Manganese
3110008-007
Local ID 2066.0
r_squared 0.00134
Slope = -0.0001441471
Mann-Kendall Trend : no trend
P Value: 0.61335
Mann-Kendall S Value: -3.0
Mn (Ug/L)
Date
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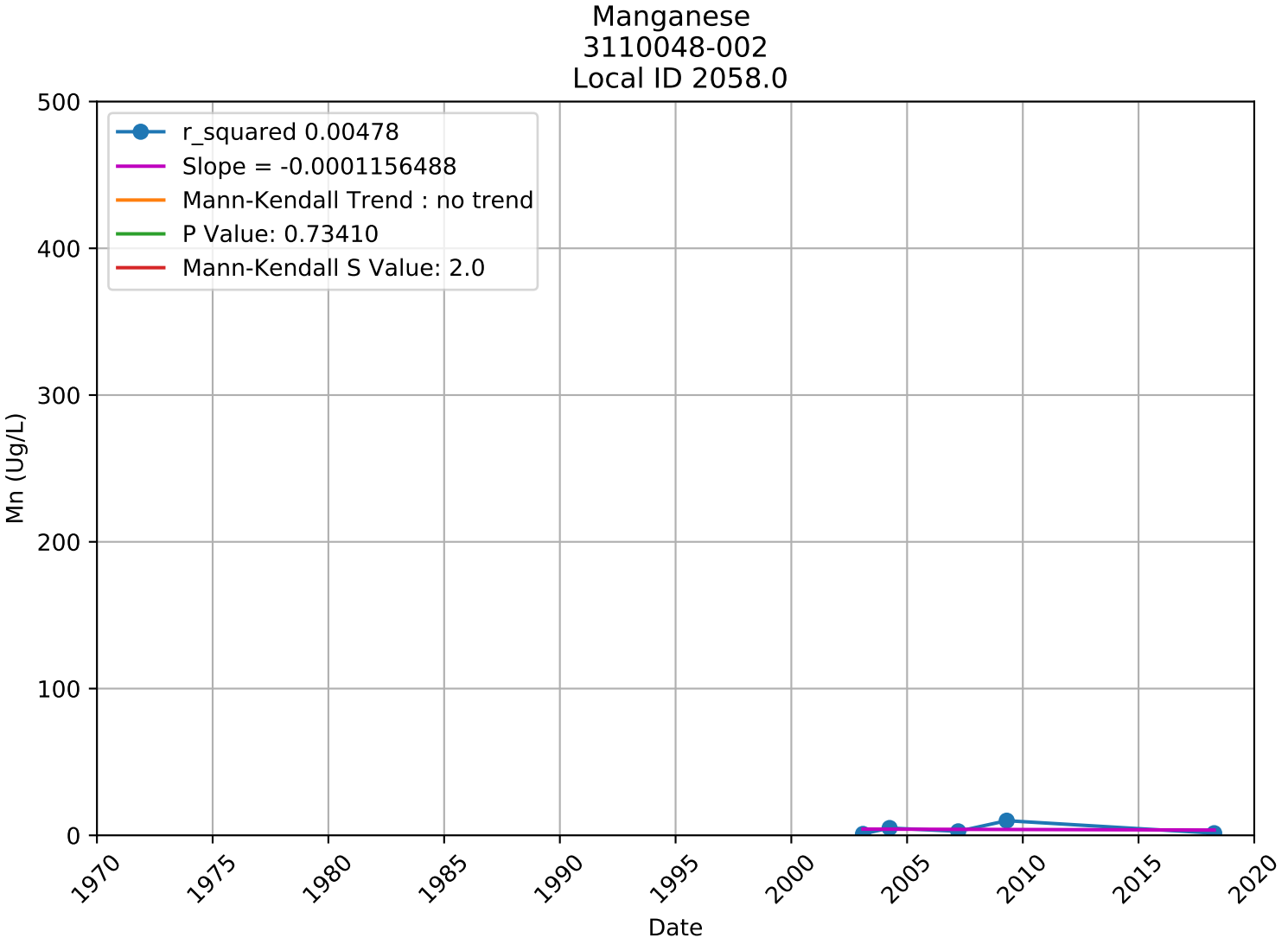

Manganese
3110008-008
Local ID 2050.0
r_squared 0.21149
Slope = -0.0024608586
Mann-Kendall Trend : no trend
P Value: 0.41095
Mann-Kendall S Value: -5.0
Mn (Ug/L)
Date
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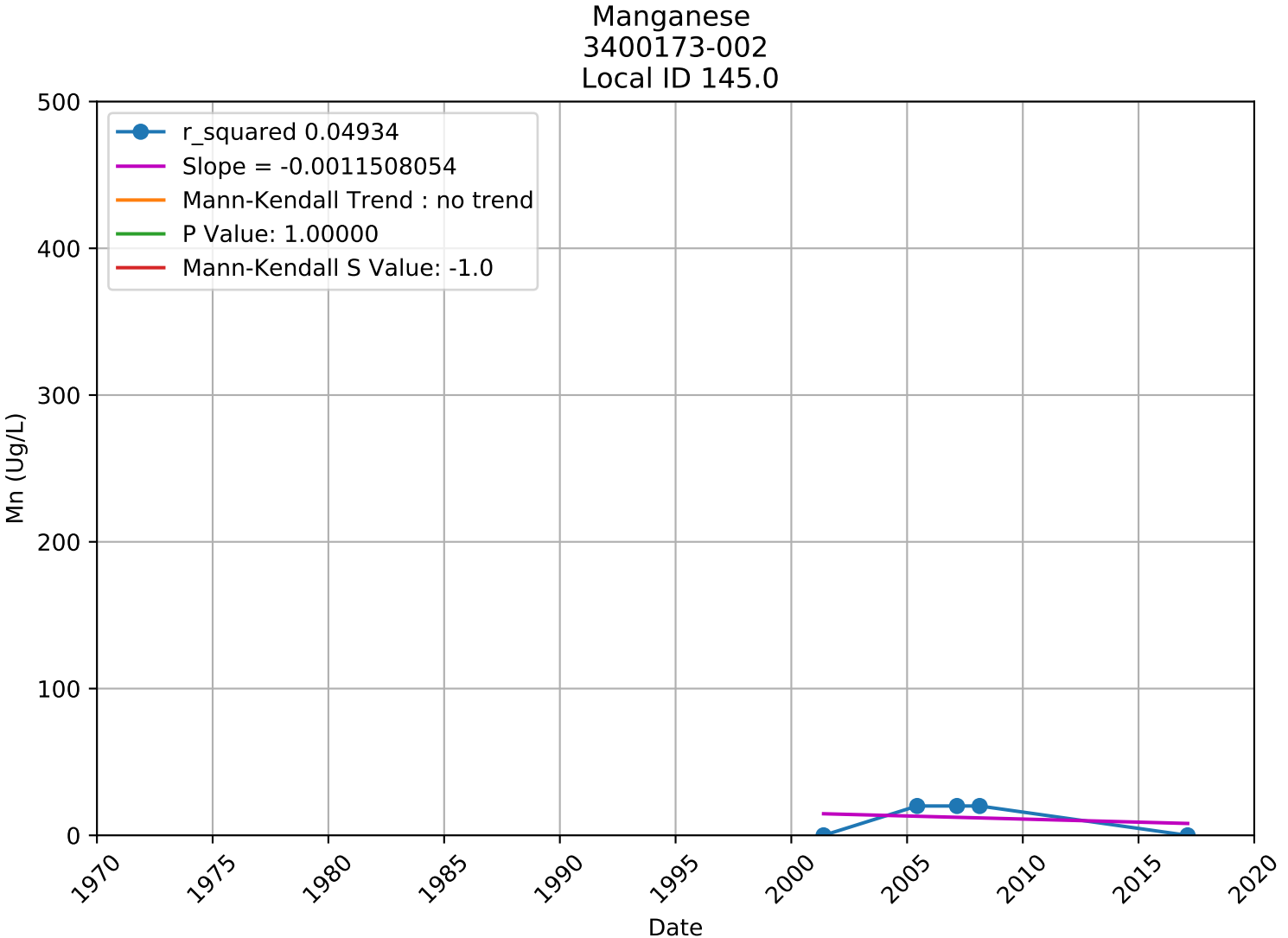

Manganese
3110025-005
Local ID 2064.0
r_squared 0.41475
Slope = -0.0006615185
Mann-Kendall Trend : no trend
P Value: 0.51589
Mann-Kendall S Value: -15.0
Mn (Ug/L)
Date
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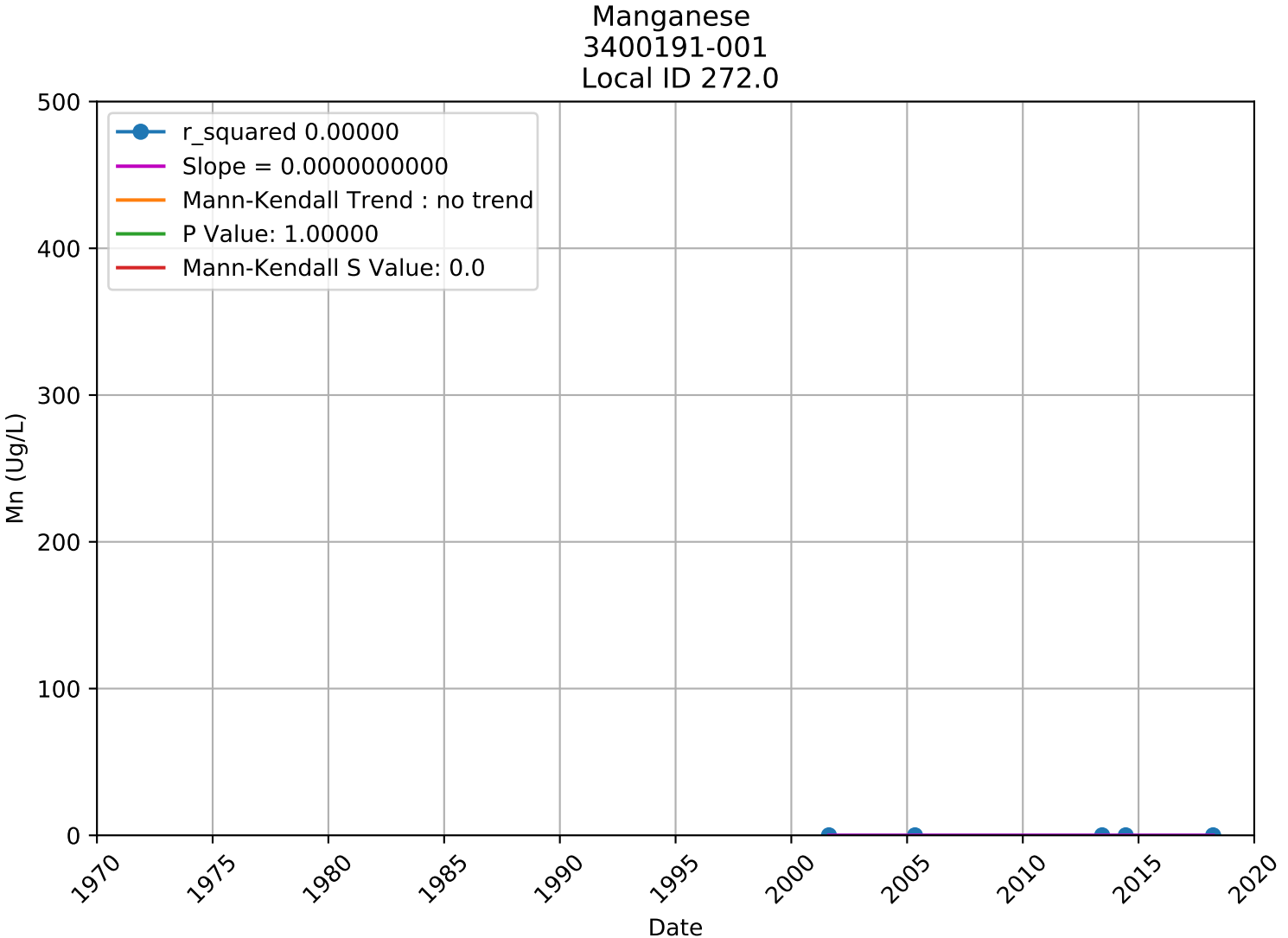

Manganese
3110040-001
Local ID 2063.0
r_squared 0.73588
Slope = -0.0022227349
Mann-Kendall Trend : decreasing
P Value: 0.02887
Mann-Kendall S Value: -28.0
Mn (Ug/L)
Date
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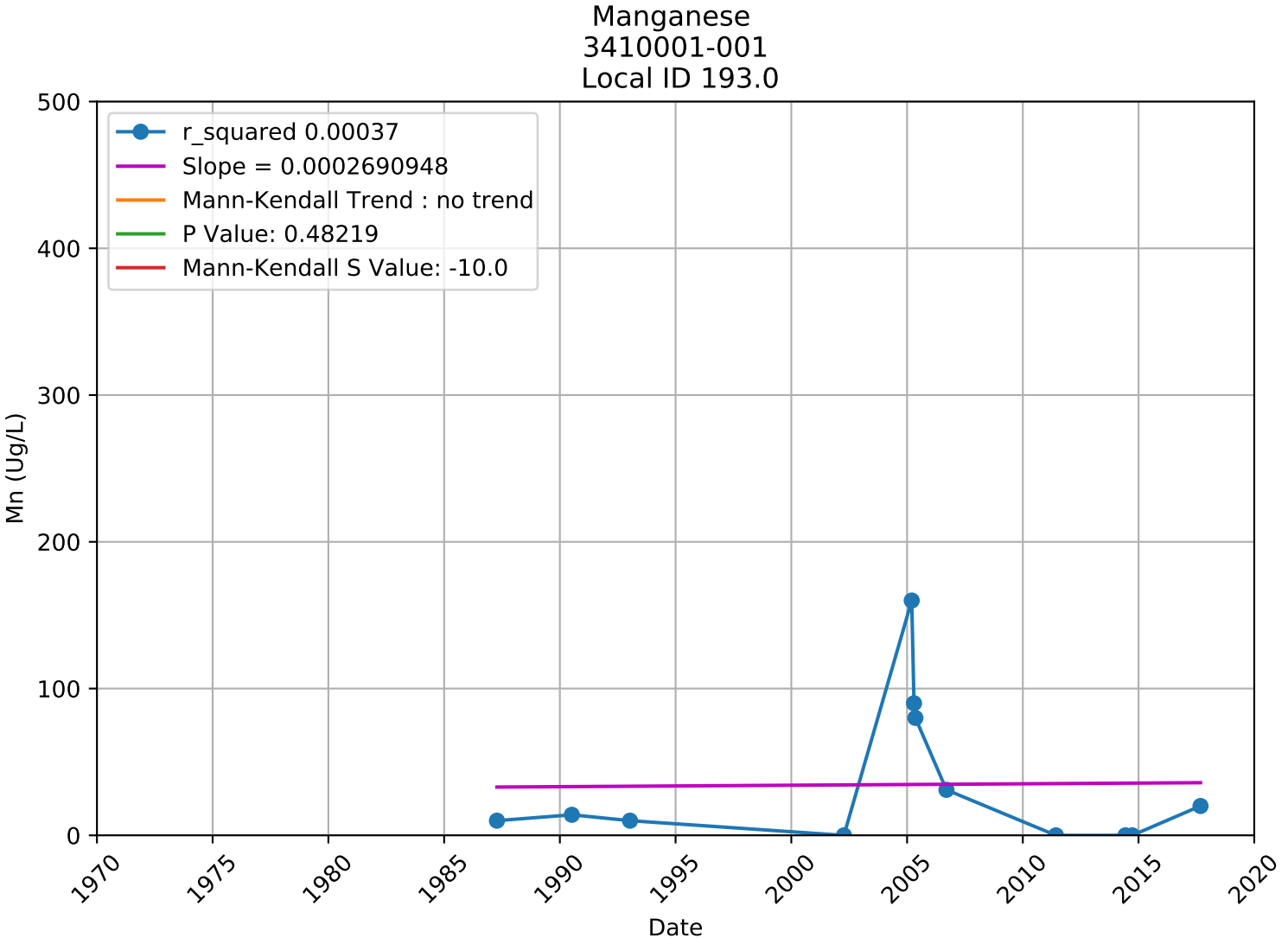

Manganese
3110040-002
Local ID 2067.0
r_squared 0.51074
Slope = -0.0028983287
Mann-Kendall Trend : no trend
P Value: 0.07785
Mann-Kendall S Value: -17.0
Mn (Ug/L)
Date
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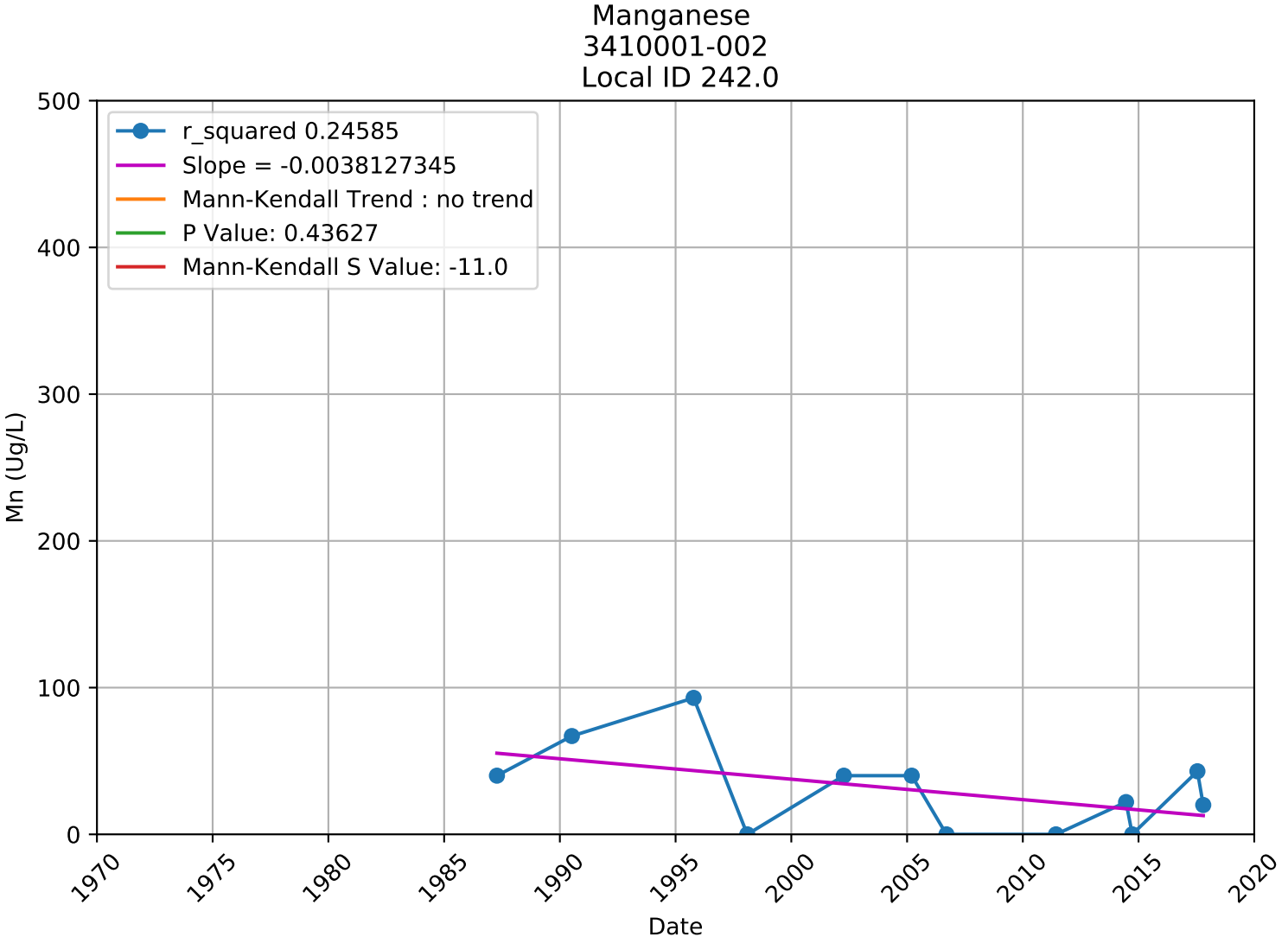

Manganese
3110048-001
Local ID 2054.0
r_squared 0.05424
Slope = 0.0004229351
Mann-Kendall Trend : no trend
P Value: 0.73410
Mann-Kendall S Value: 2.0
Mn (Ug/L)
Date
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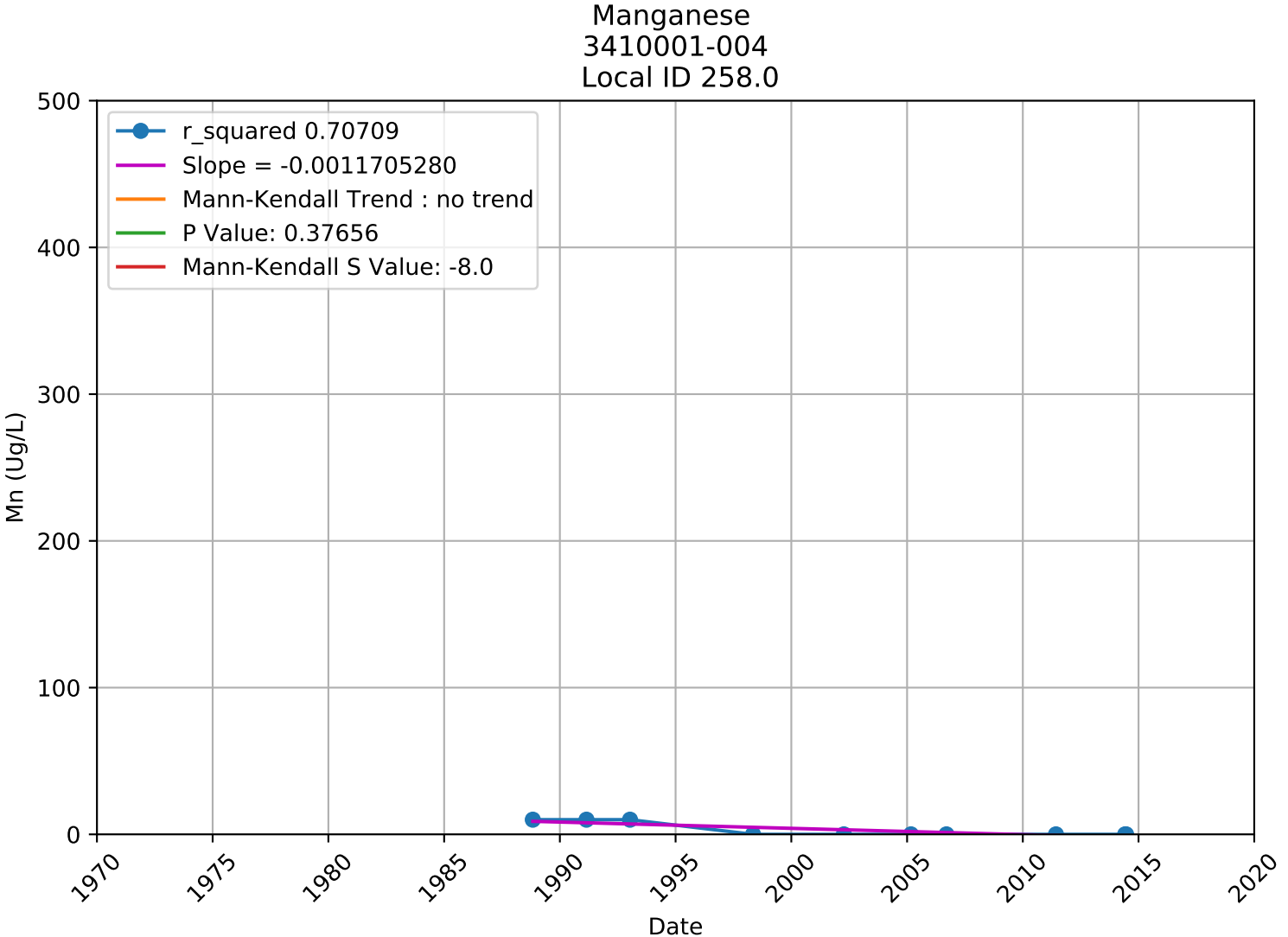

Manganese
3110048-002
Local ID 2058.0
r_squared 0.00478
Slope = -0.0001156488
Mann-Kendall Trend : no trend
P Value: 0.73410
Mann-Kendall S Value: 2.0
Mn (Ug/L)
Date
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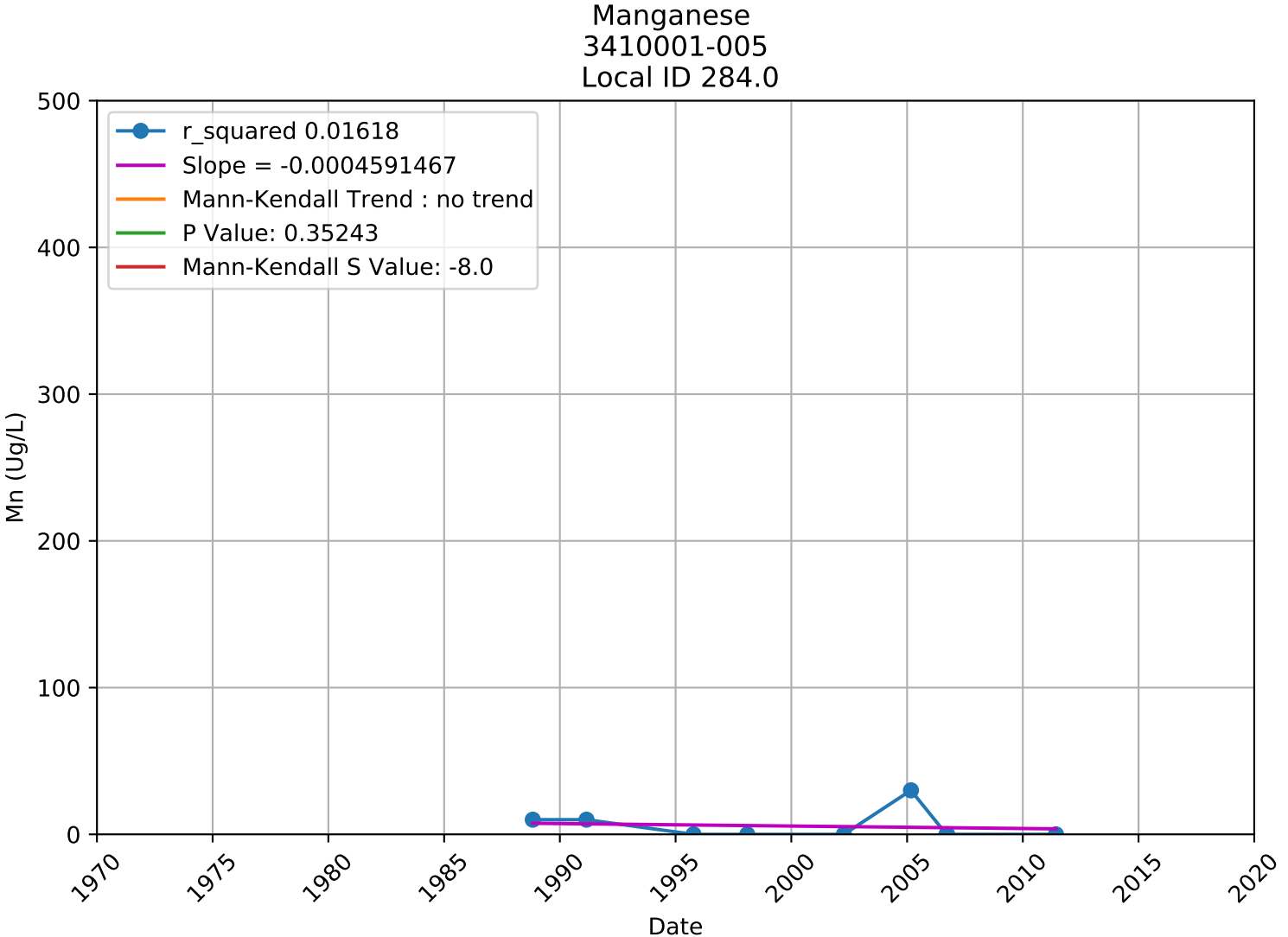

Manganese
3400173-002
Local ID 145.0
r_squared 0.04934
Slope = -0.0011508054
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
Mn (Ug/L)
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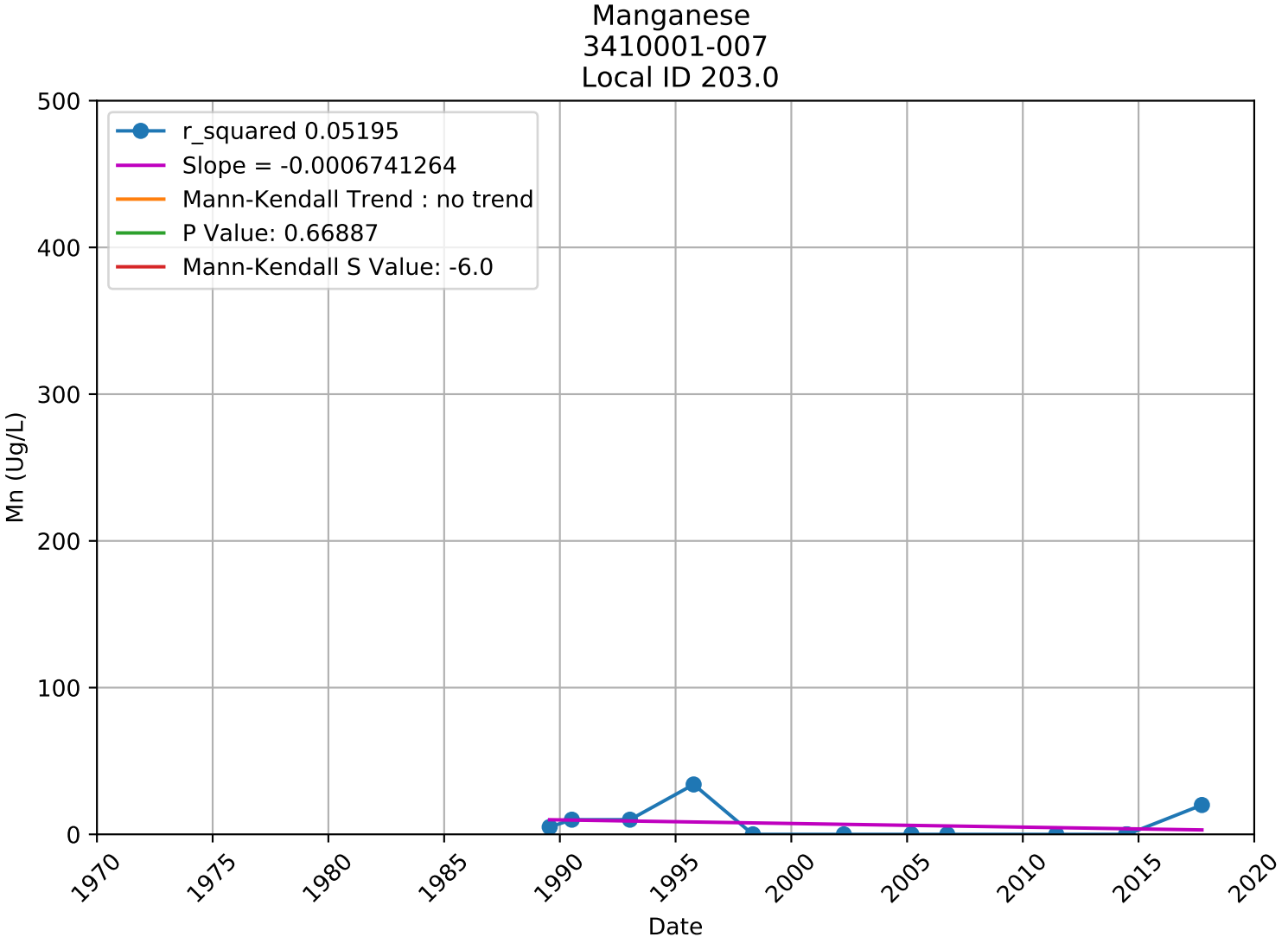

Manganese
3400191-001
Local ID 272.0
r_squared 0.00000
Slope = 0.0000000000
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Mn (Ug/L)
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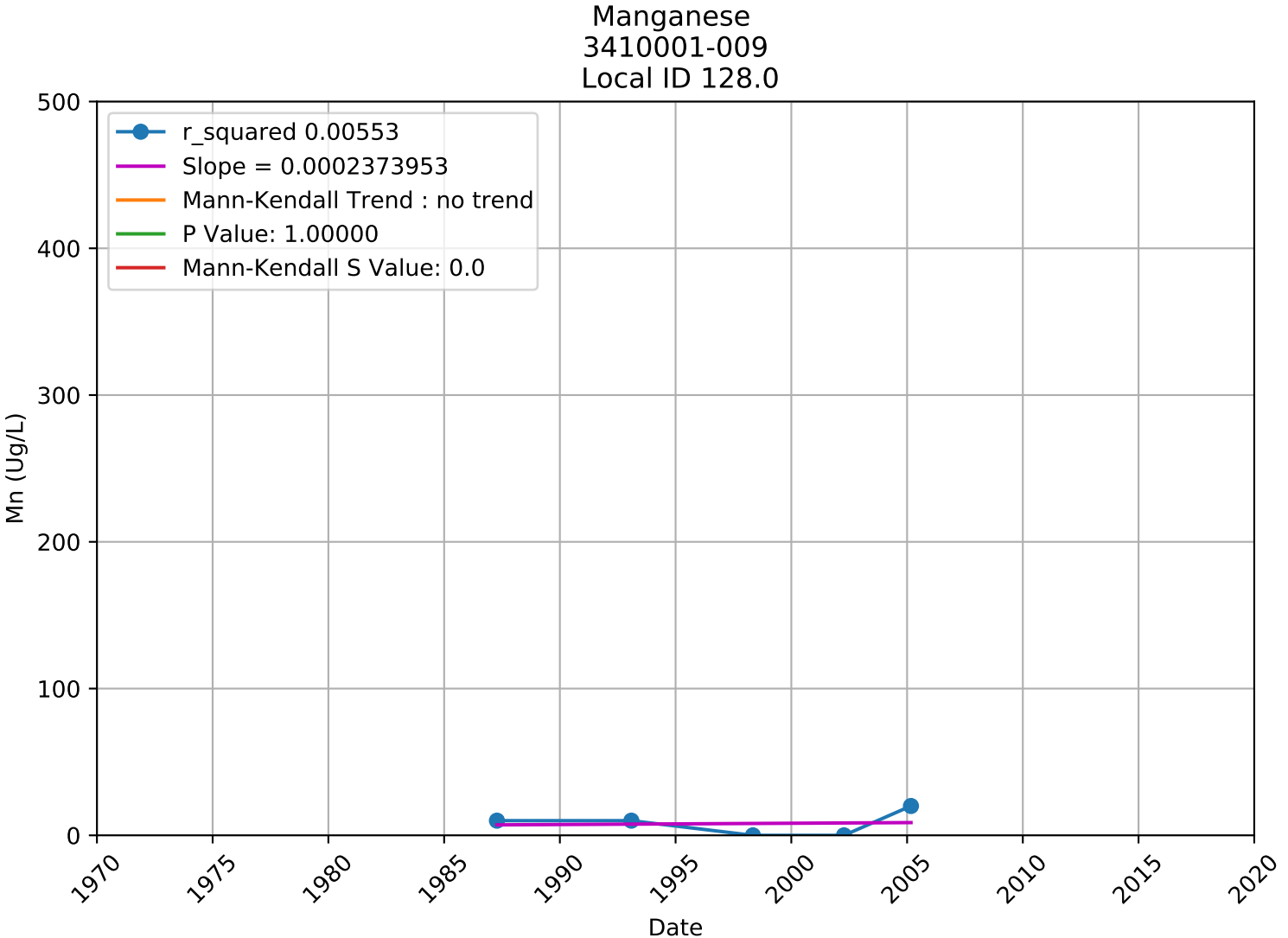

Manganese
3410001-001
Local ID 193.0
r_squared 0.00037
Slope = 0.0002690948
Mann-Kendall Trend : no trend
P Value: 0.48219
Mann-Kendall S Value: -10.0
Mn (Ug/L)
Date
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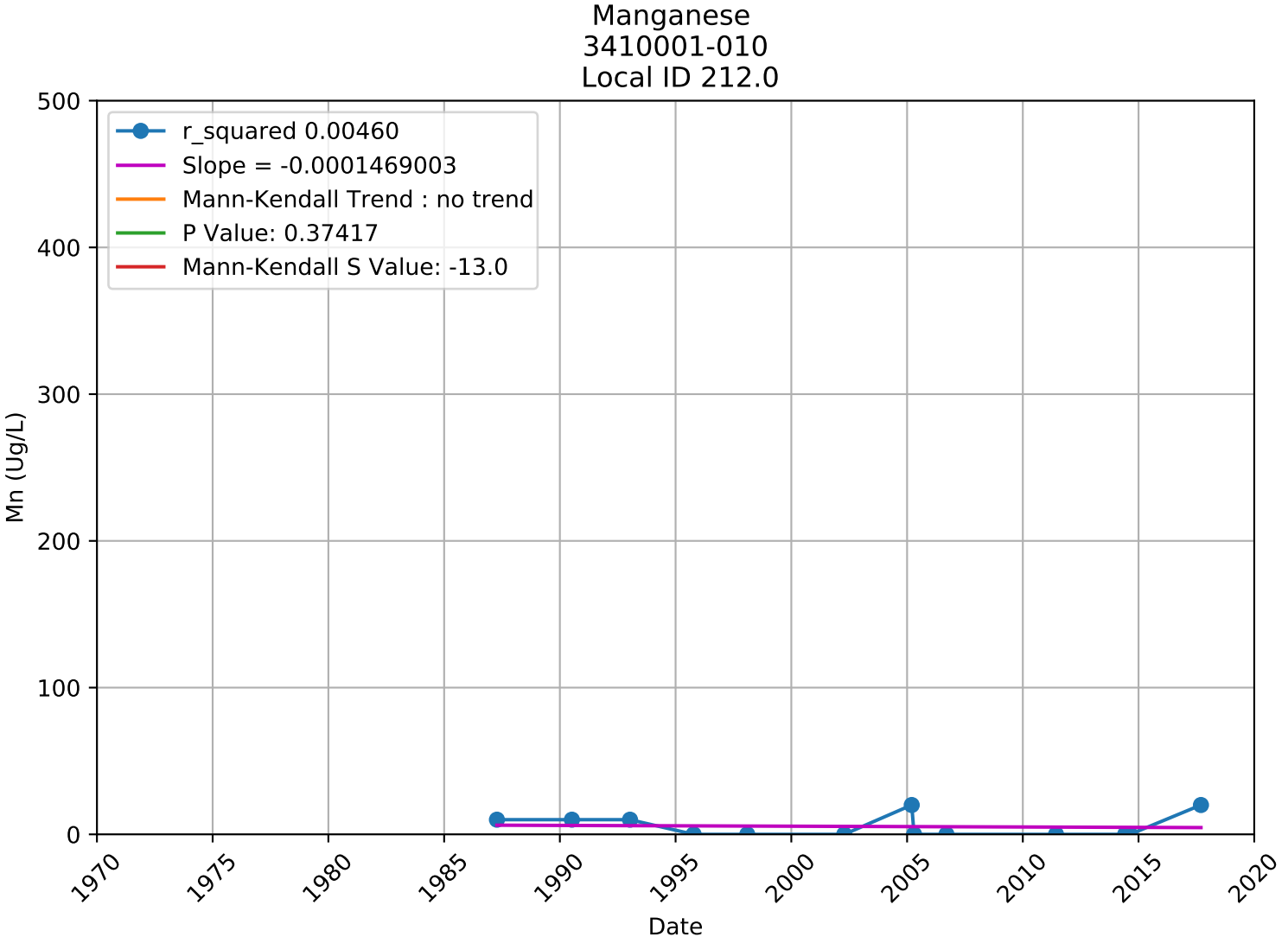

Manganese
3410001-002
Local ID 242.0
r_squared 0.24585
Slope = -0.0038127345
Mann-Kendall Trend : no trend
P Value: 0.43627
Mann-Kendall S Value: -11.0
Mn (Ug/L)
Date
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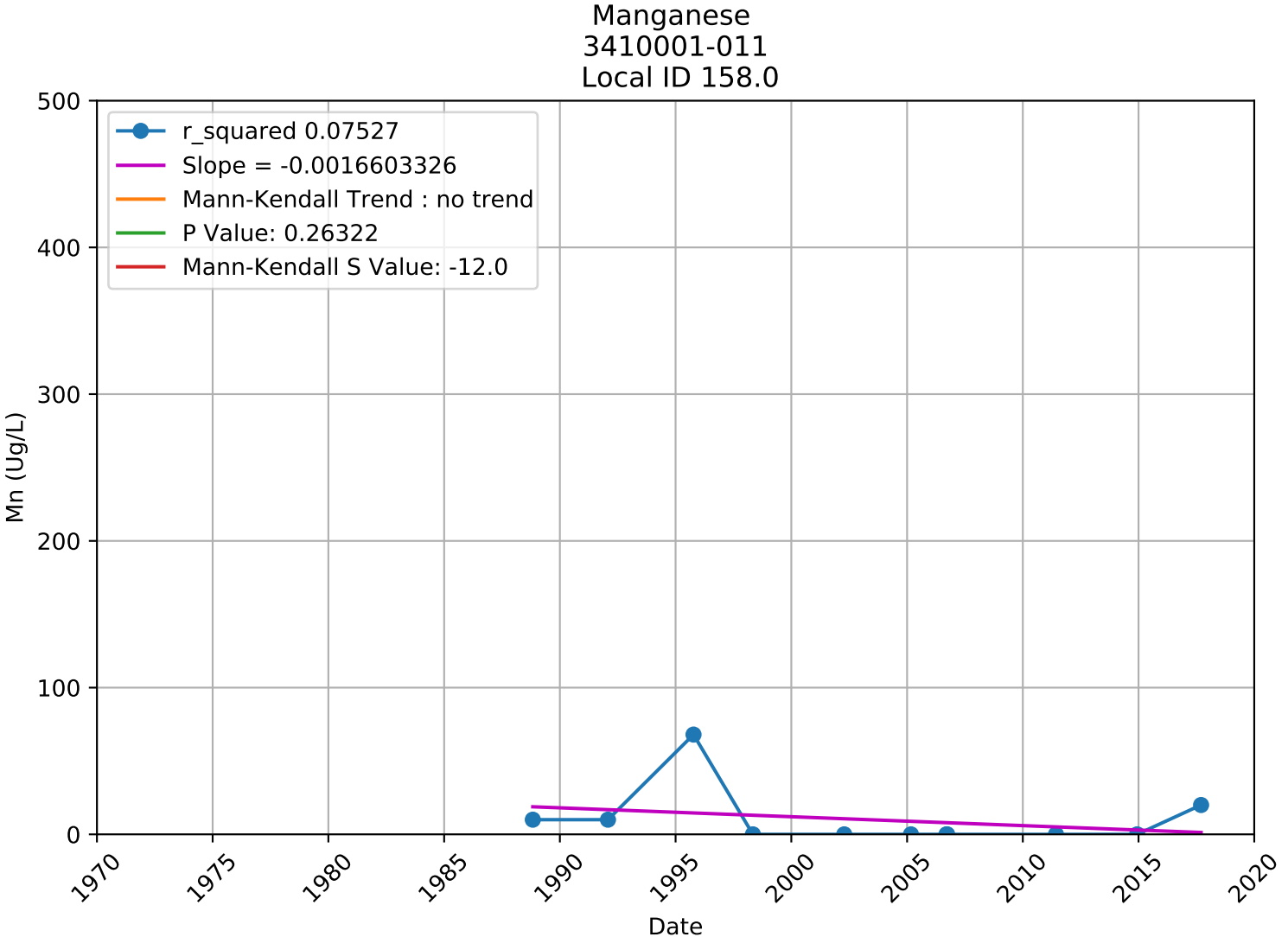

Manganese
3410001-004
Local ID 258.0
r_squared 0.70709
Slope = -0.0011705280
Mann-Kendall Trend : no trend
P Value: 0.37656
Mann-Kendall S Value: -8.0
Mn (Ug/L)
Date
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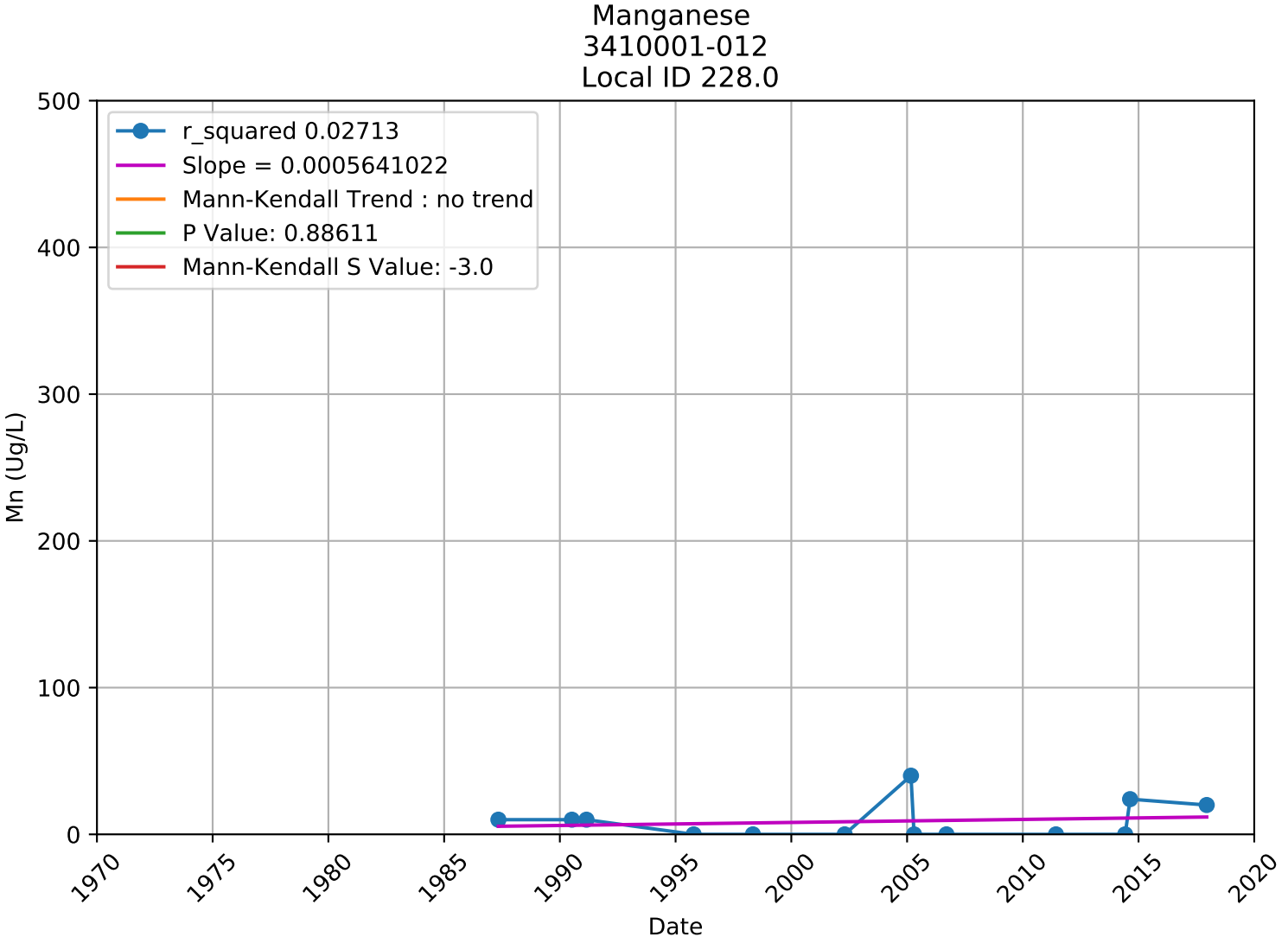

Manganese
3410001-005
Local ID 284.0
r_squared 0.01618
Slope = -0.0004591467
Mann-Kendall Trend : no trend
P Value: 0.35243
Mann-Kendall S Value: -8.0
Mn (Ug/L)
Date
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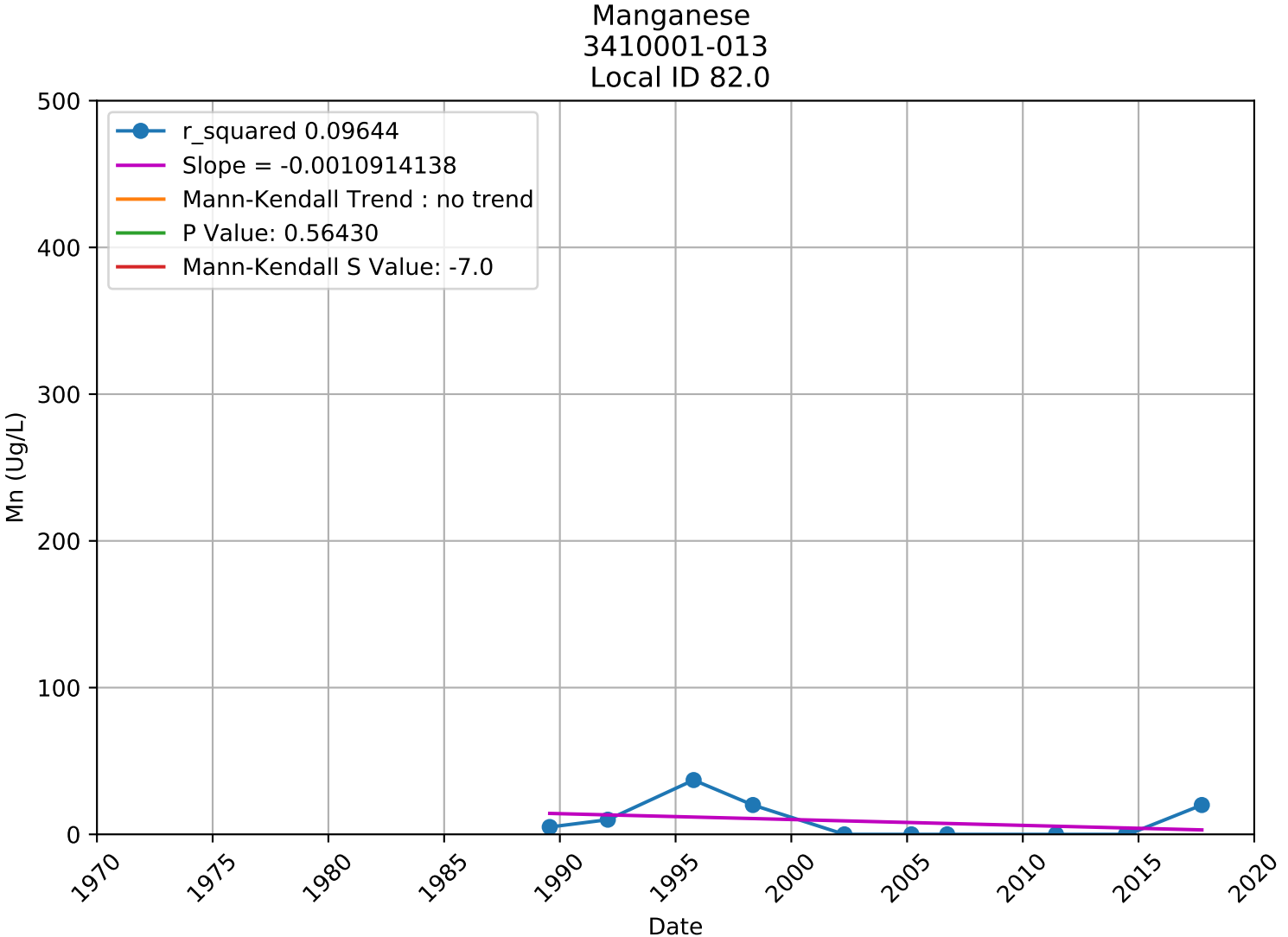

Manganese
3410001-007
Local ID 203.0
r_squared 0.05195
Slope = -0.0006741264
Mann-Kendall Trend : no trend
P Value: 0.66887
Mann-Kendall S Value: -6.0
Mn (Ug/L)
Date
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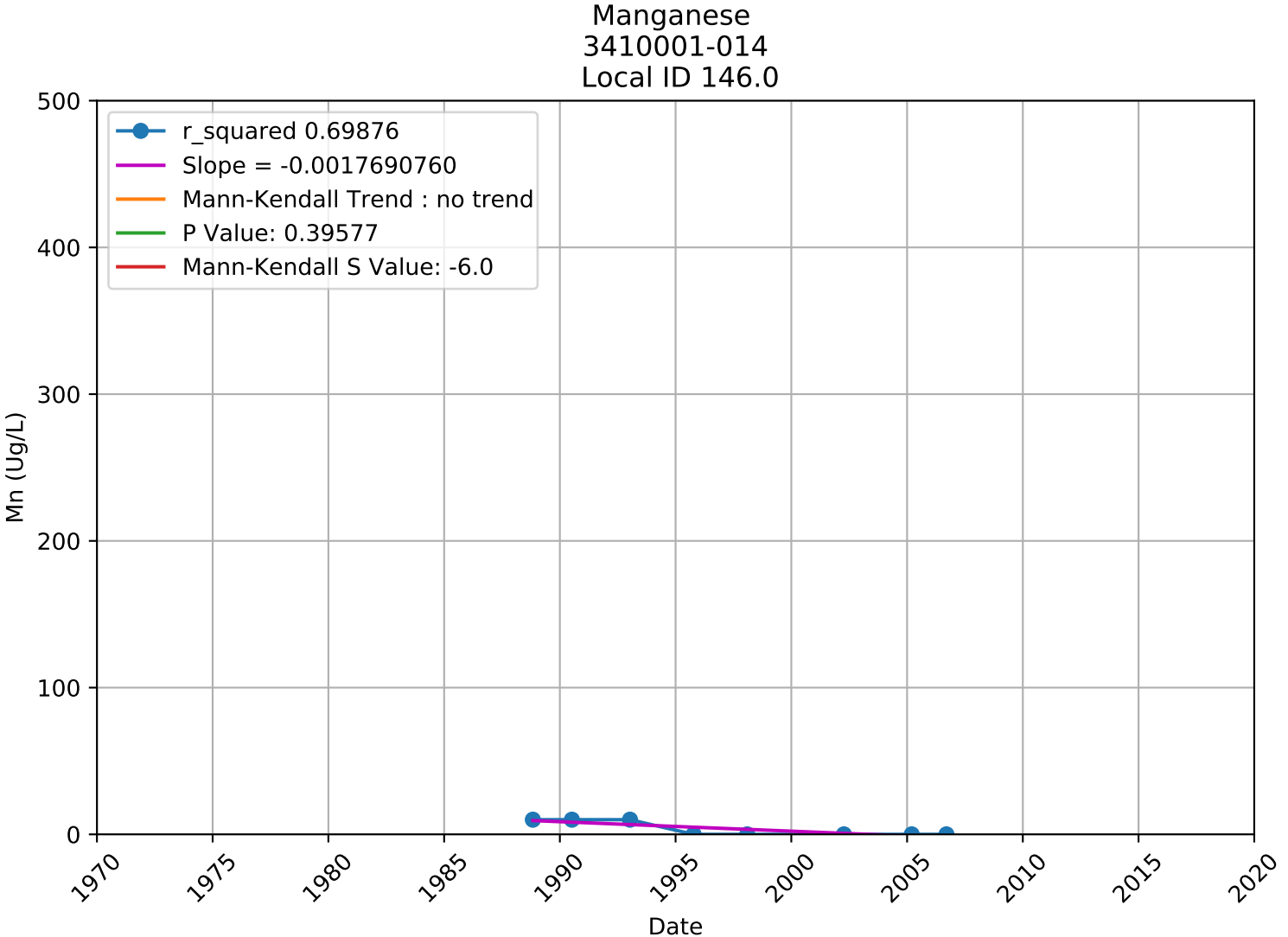

Manganese
3410001-009
Local ID 128.0
r_squared 0.00553
Slope = 0.0002373953
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Mn (Ug/L)
Date
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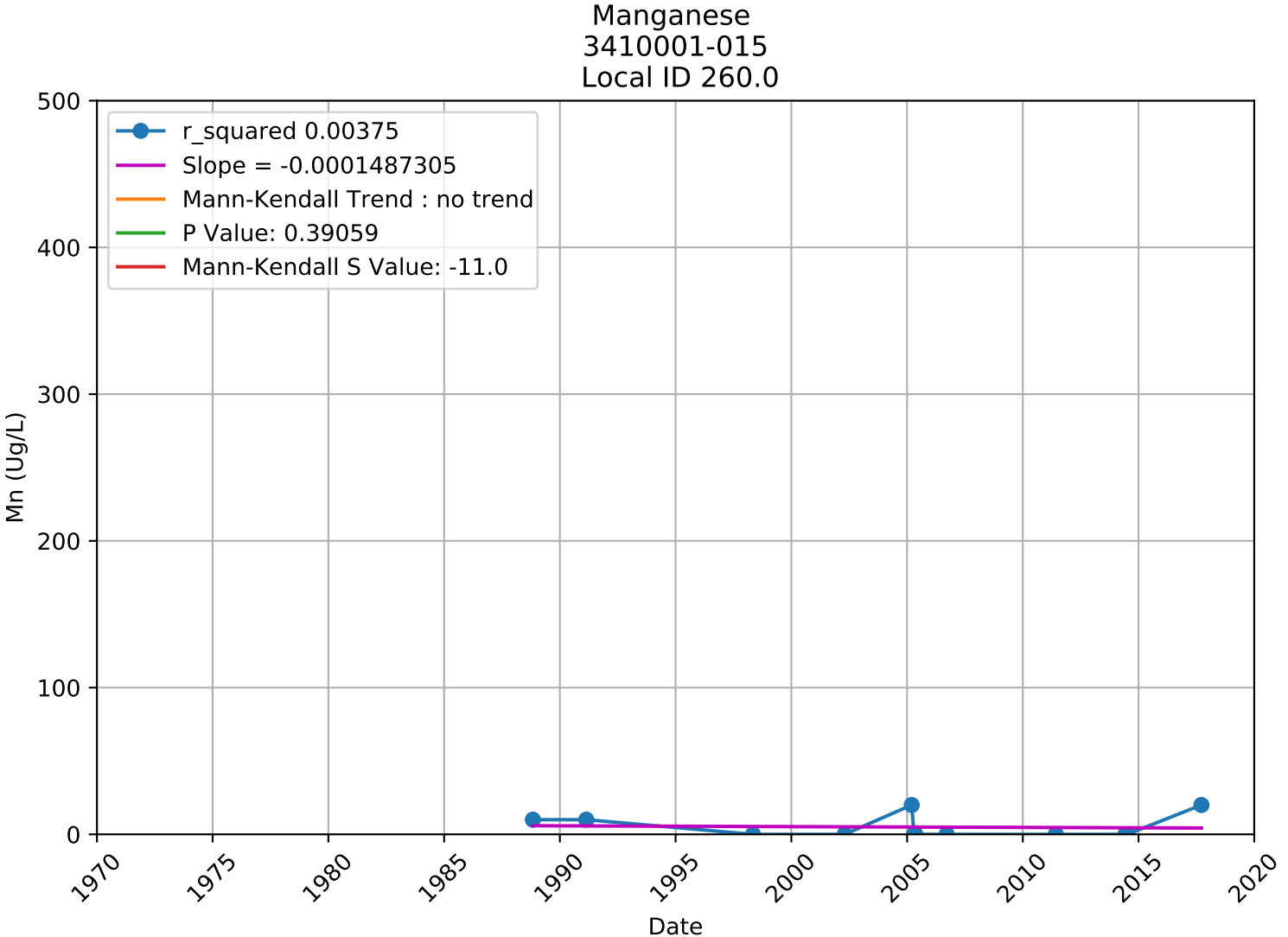

Manganese
3410001-010
Local ID 212.0
r_squared 0.00460
Slope = -0.0001469003
Mann-Kendall Trend : no trend
P Value: 0.37417
Mann-Kendall S Value: -13.0
Mn (Ug/L)
Date
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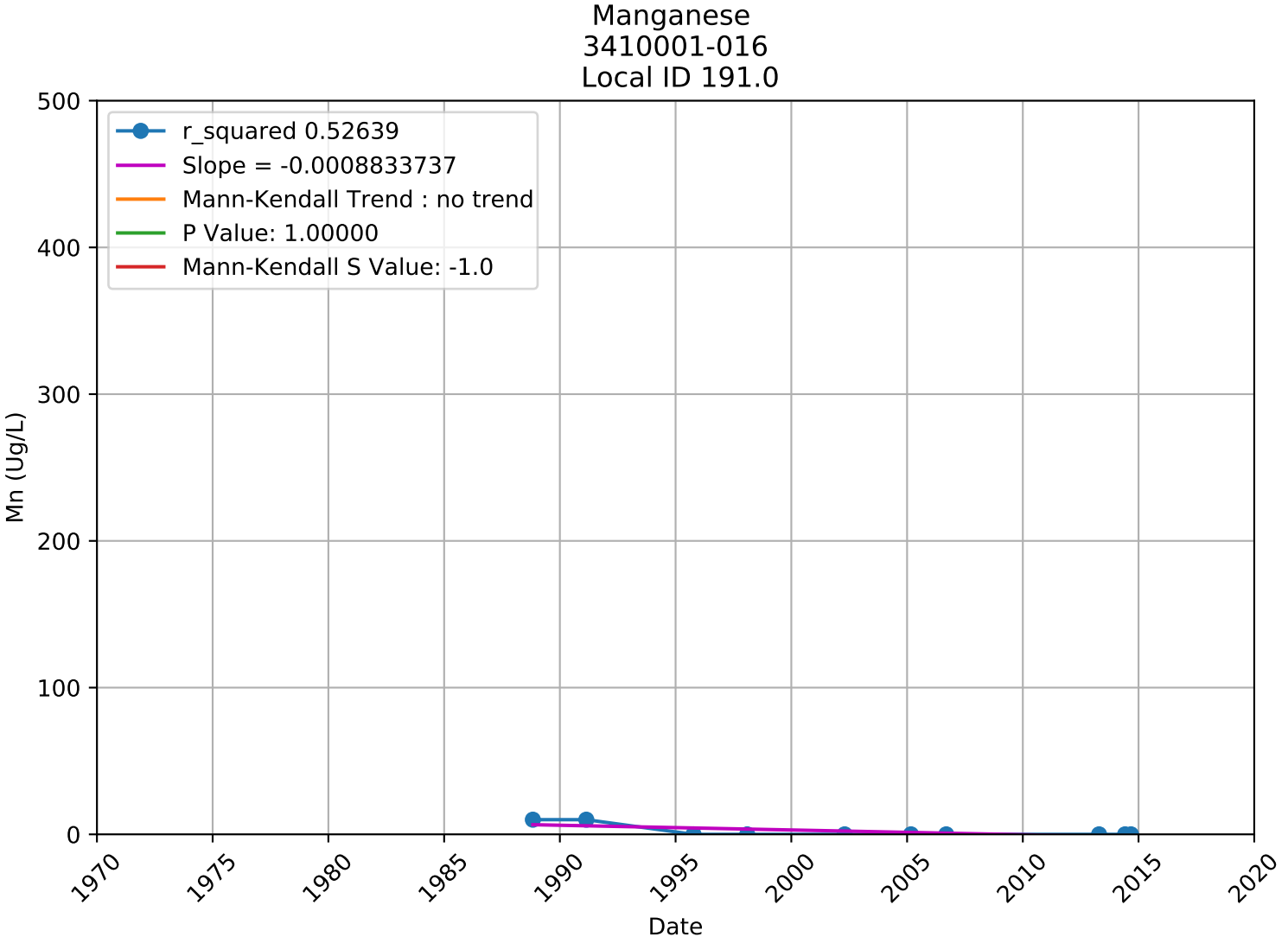

Manganese
3410001-011
Local ID 158.0
r_squared 0.07527
Slope = -0.0016603326
Mann-Kendall Trend : no trend
P Value: 0.26322
Mann-Kendall S Value: -12.0
Mn (Ug/L)
Date
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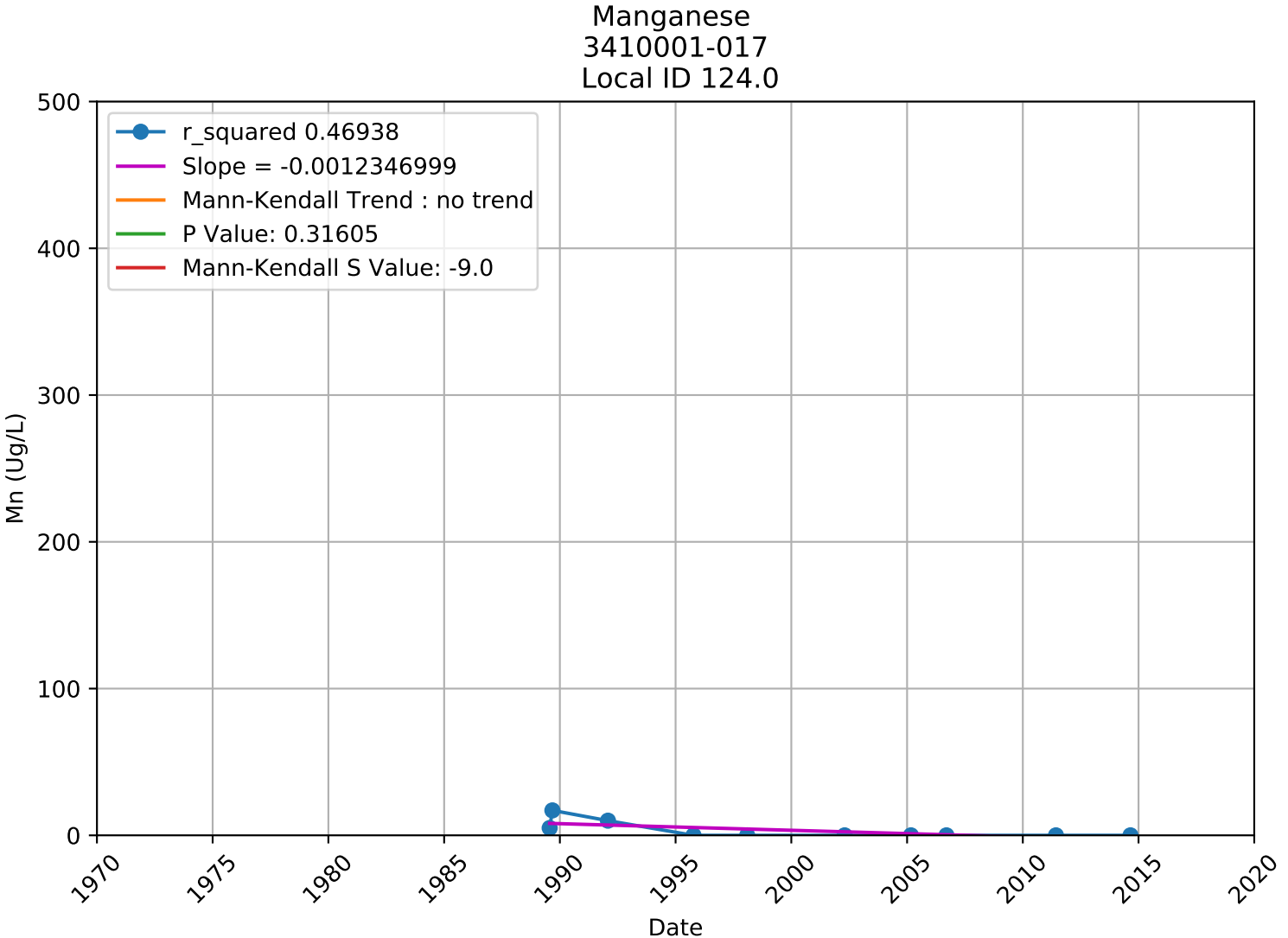

Manganese
3410001-012
Local ID 228.0
r_squared 0.02713
Slope = 0.0005641022
Mann-Kendall Trend : no trend
P Value: 0.88611
Mann-Kendall S Value: -3.0
Mn (Ug/L)
Date
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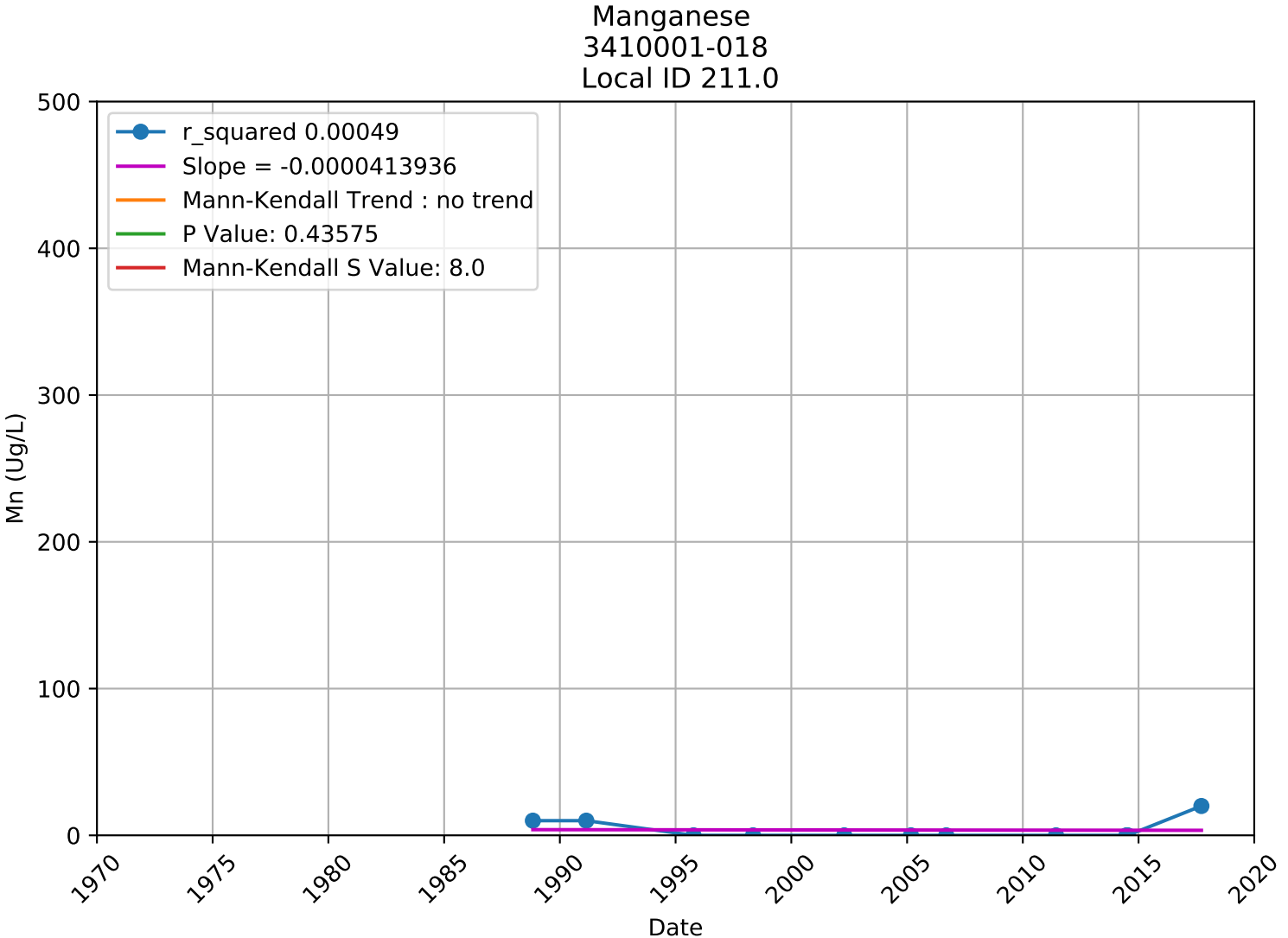

Manganese
3410001-013
Local ID 82.0
r_squared 0.09644
Slope = -0.0010914138
Mann-Kendall Trend : no trend
P Value: 0.56430
Mann-Kendall S Value: -7.0
Mn (Ug/L)
Date
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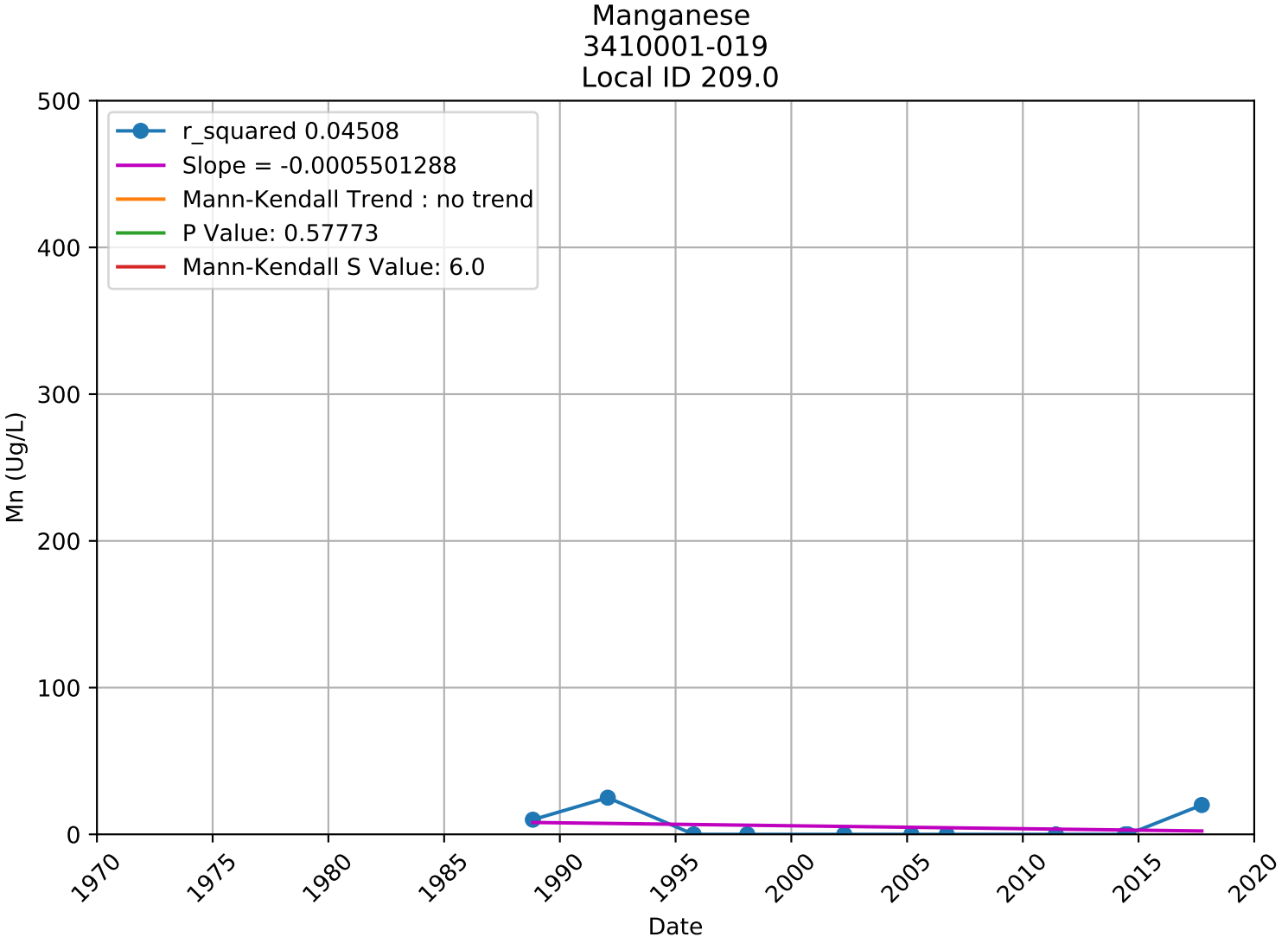

Manganese
3410001-014
Local ID 146.0
r_squared 0.69876
Slope = -0.0017690760
Mann-Kendall Trend : no trend
P Value: 0.39577
Mann-Kendall S Value: -6.0
Mn (Ug/L)
Date
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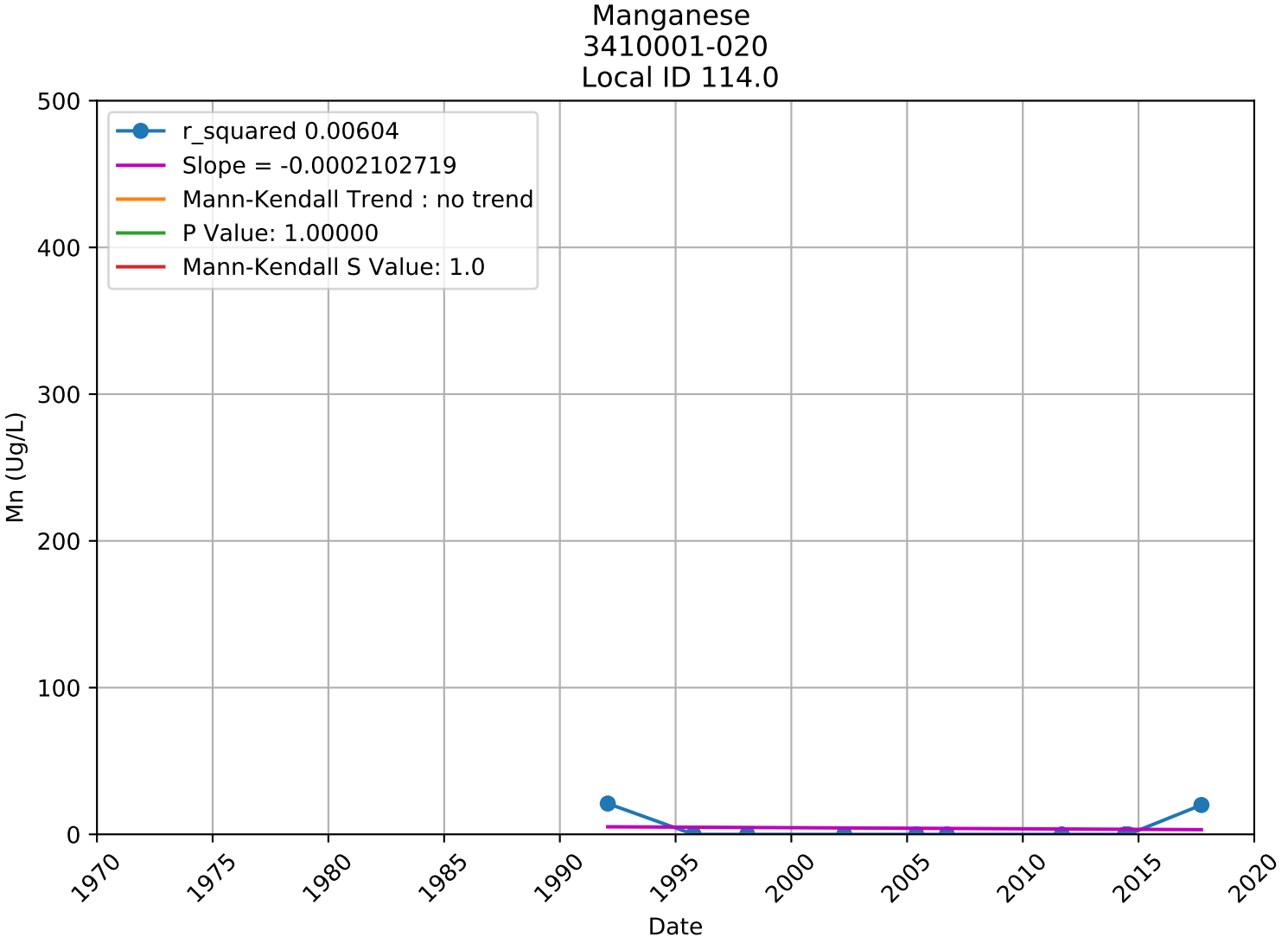

Manganese
3410001-015
Local ID 260.0
r_squared 0.00375
Slope = -0.0001487305
Mann-Kendall Trend : no trend
P Value: 0.39059
Mann-Kendall S Value: -11.0
Mn (Ug/L)
Date
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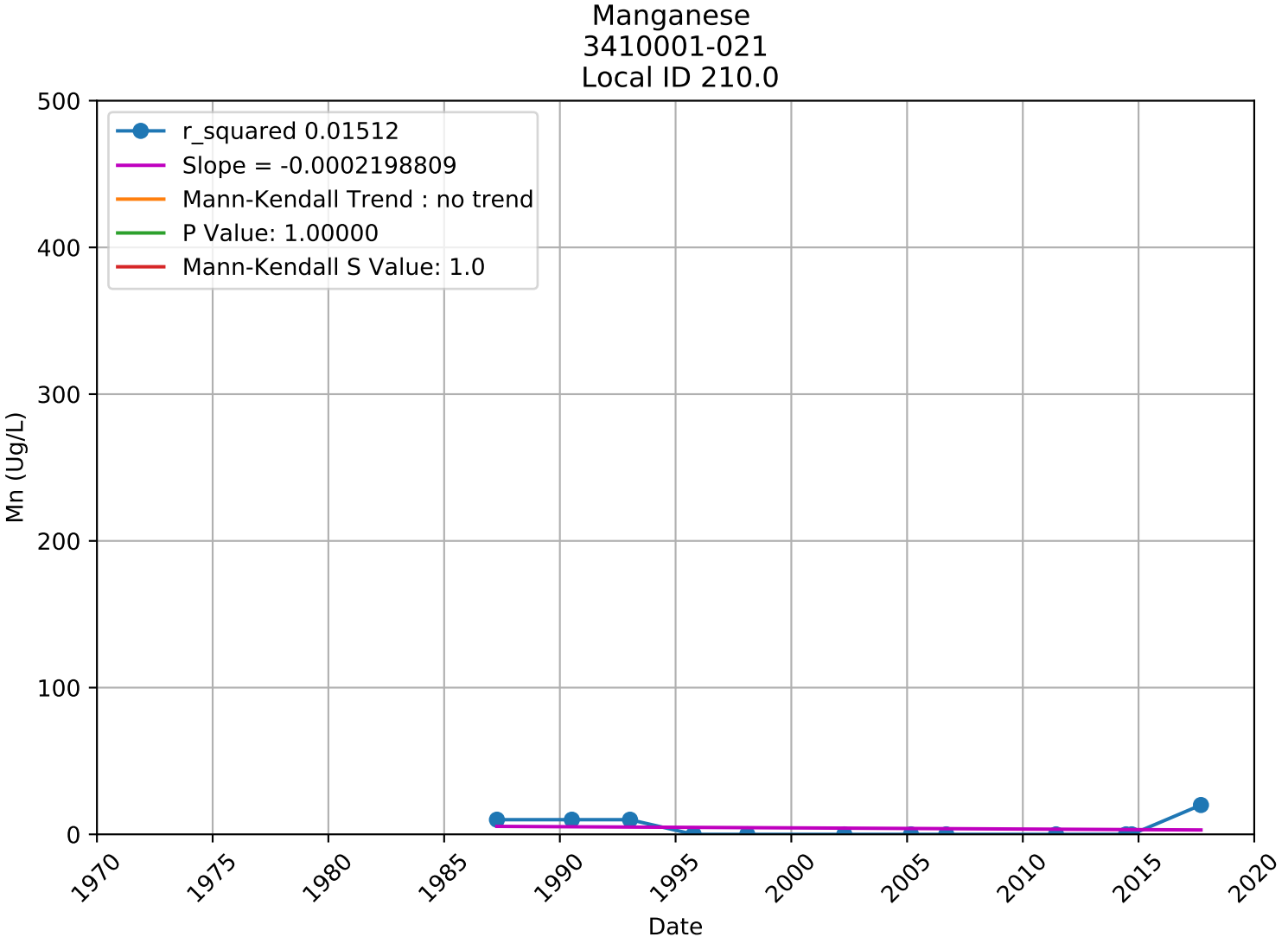

Manganese
3410001-016
Local ID 191.0
r_squared 0.52639
Slope = -0.0008833737
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
Mn (Ug/L)
Date
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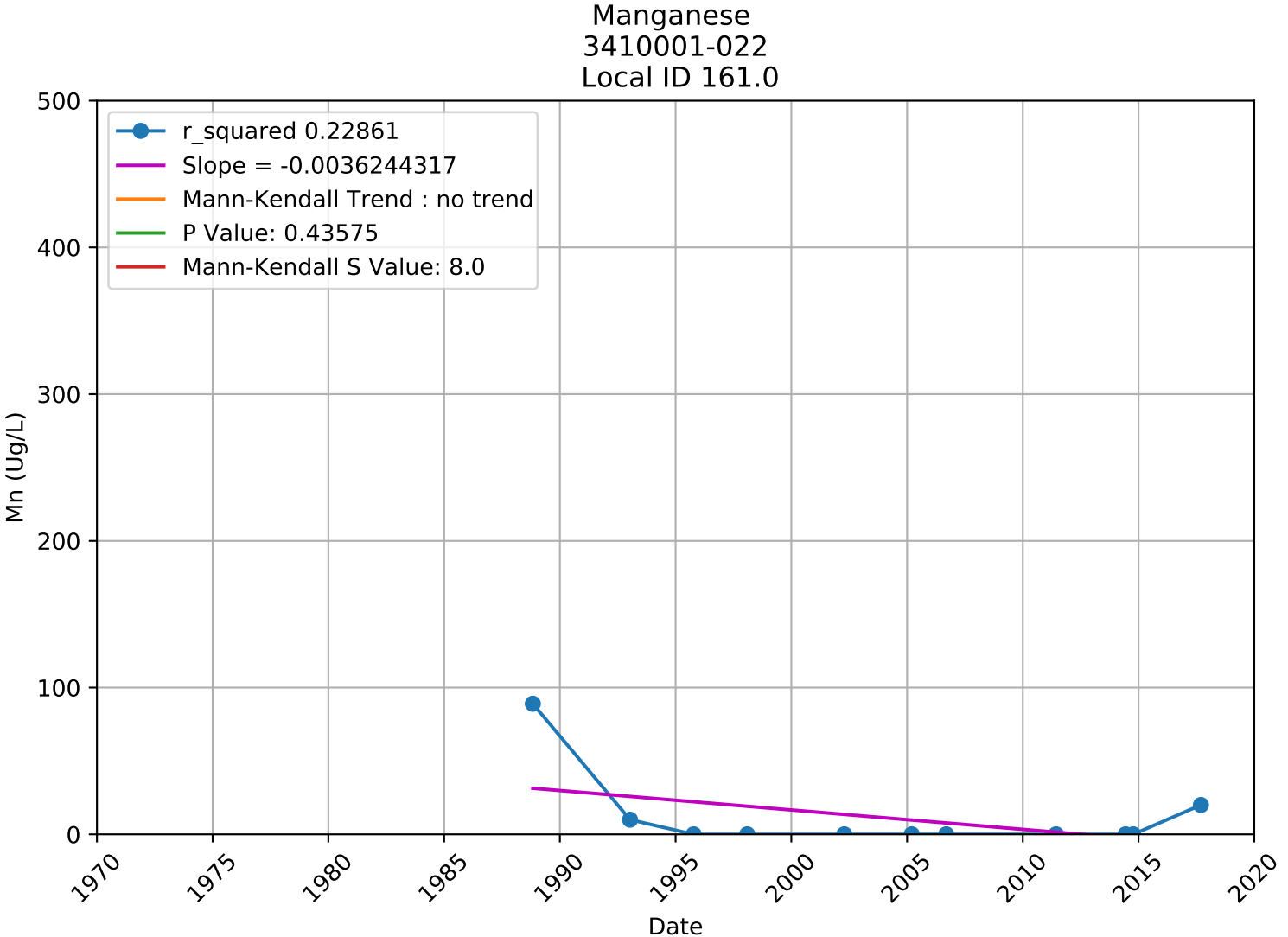

Manganese
3410001-017
Local ID 124.0
r_squared 0.46938
Slope = -0.0012346999
Mann-Kendall Trend : no trend
P Value: 0.31605
Mann-Kendall S Value: -9.0
Mn (Ug/L)
Date
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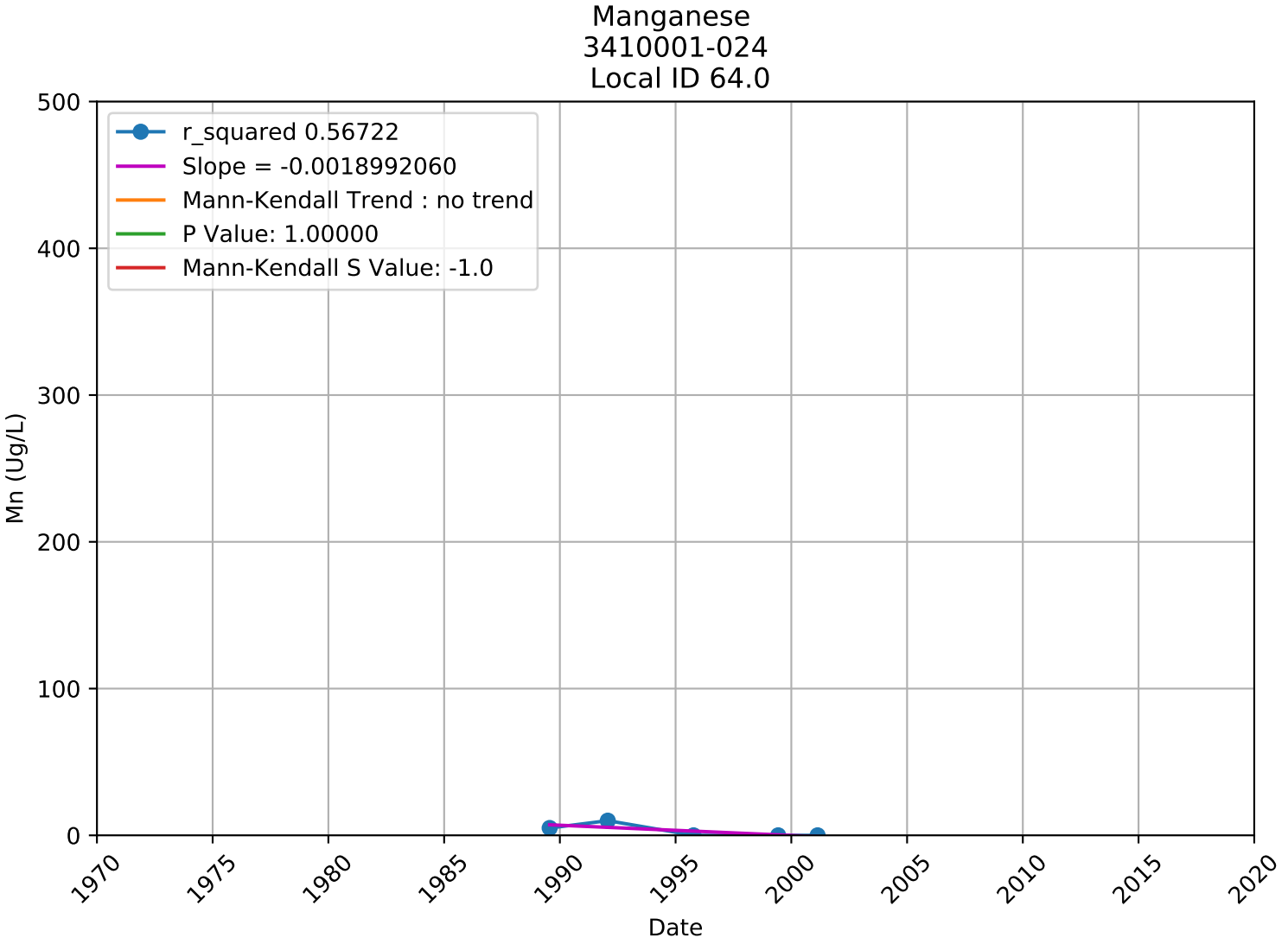

Manganese
3410001-018
Local ID 211.0
r_squared 0.00049
Slope = -0.0000413936
Mann-Kendall Trend : no trend
P Value: 0.43575
Mann-Kendall S Value: 8.0
Mn (Ug/L)
Date
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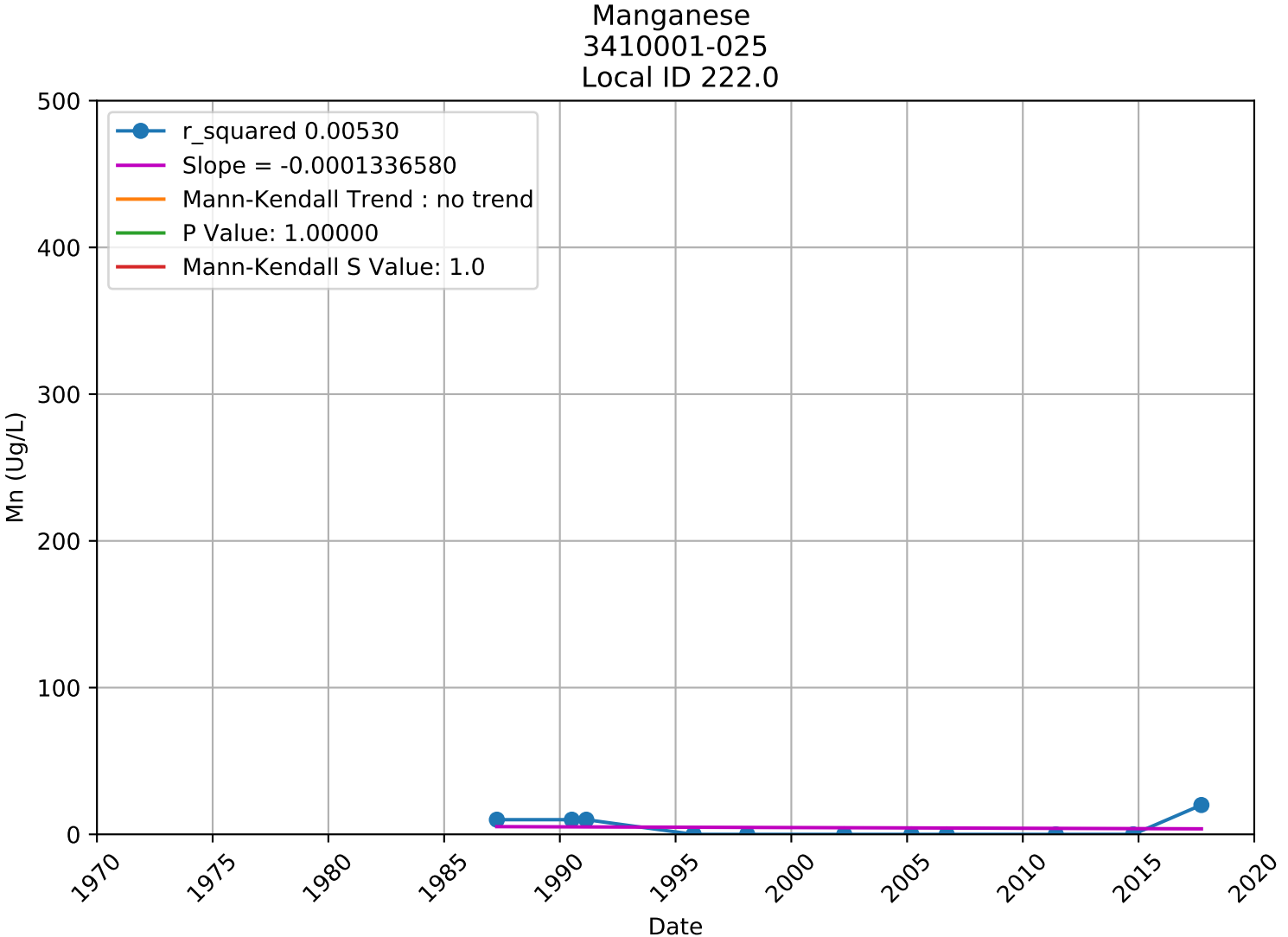

Manganese
3410001-019
Local ID 209.0
r_squared 0.04508
Slope = -0.0005501288
Mann-Kendall Trend : no trend
P Value: 0.57773
Mann-Kendall S Value: 6.0
Mn (Ug/L)
Date
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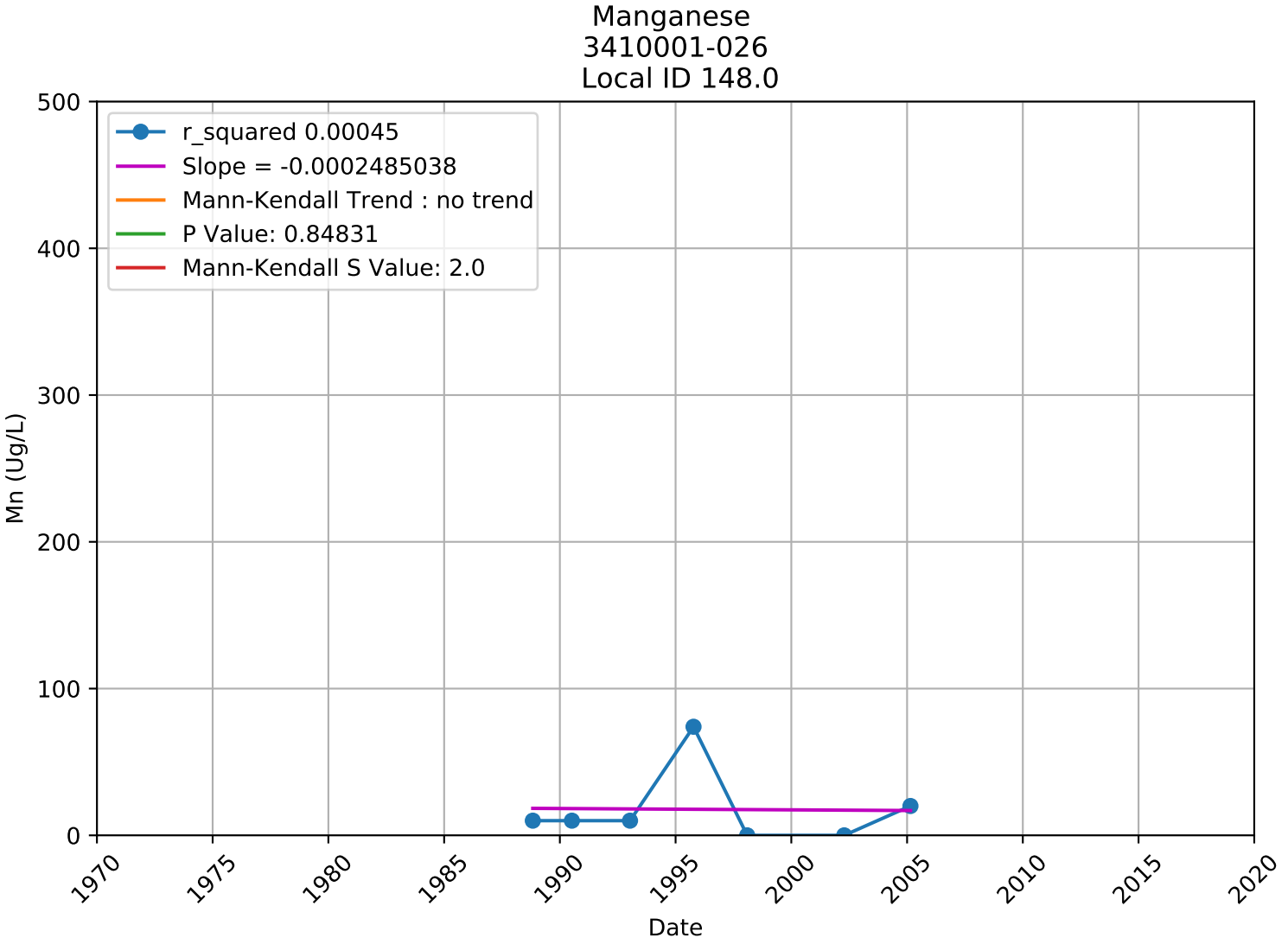

Manganese
3410001-020
Local ID 114.0
r_squared 0.00604
Slope = -0.0002102719
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
Mn (Ug/L)
Date
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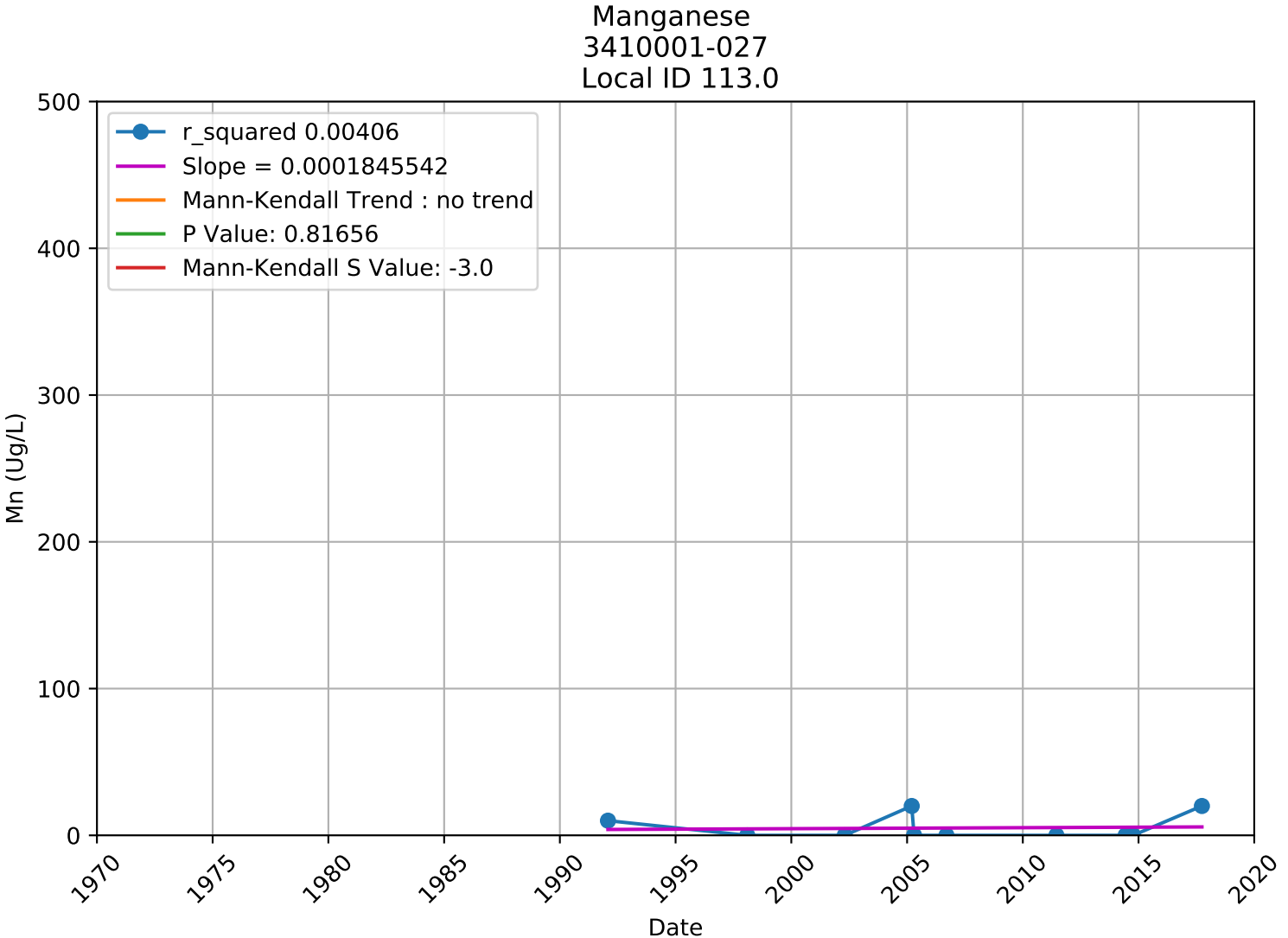

Manganese
3410001-021
Local ID 210.0
r_squared 0.01512
Slope = -0.0002198809
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
Mn (Ug/L)
Date
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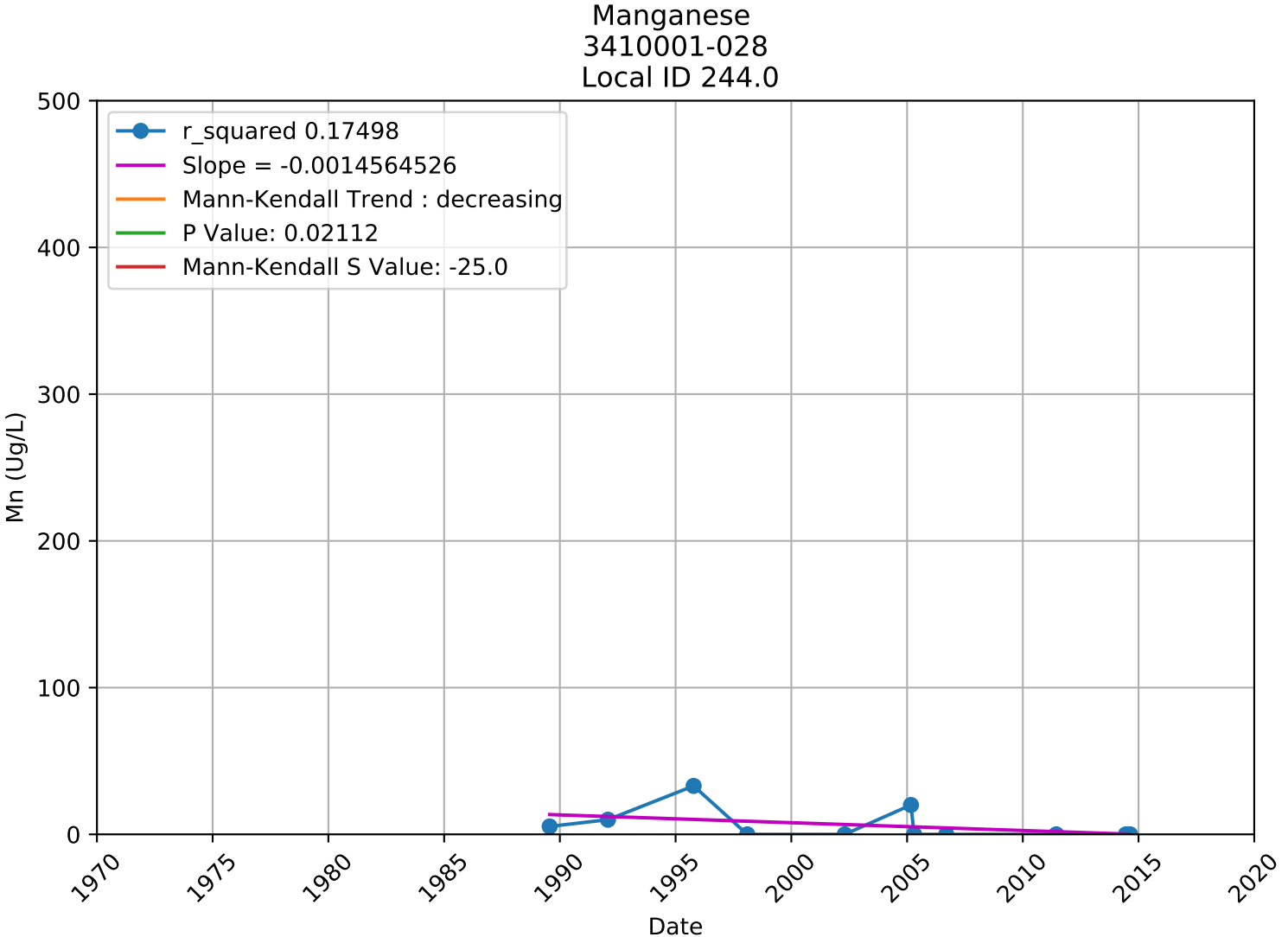

Manganese
3410001-022
Local ID 161.0
r_squared 0.22861
Slope = -0.0036244317
Mann-Kendall Trend : no trend
P Value: 0.43575
Mann-Kendall S Value: 8.0
Mn (Ug/L)
Date
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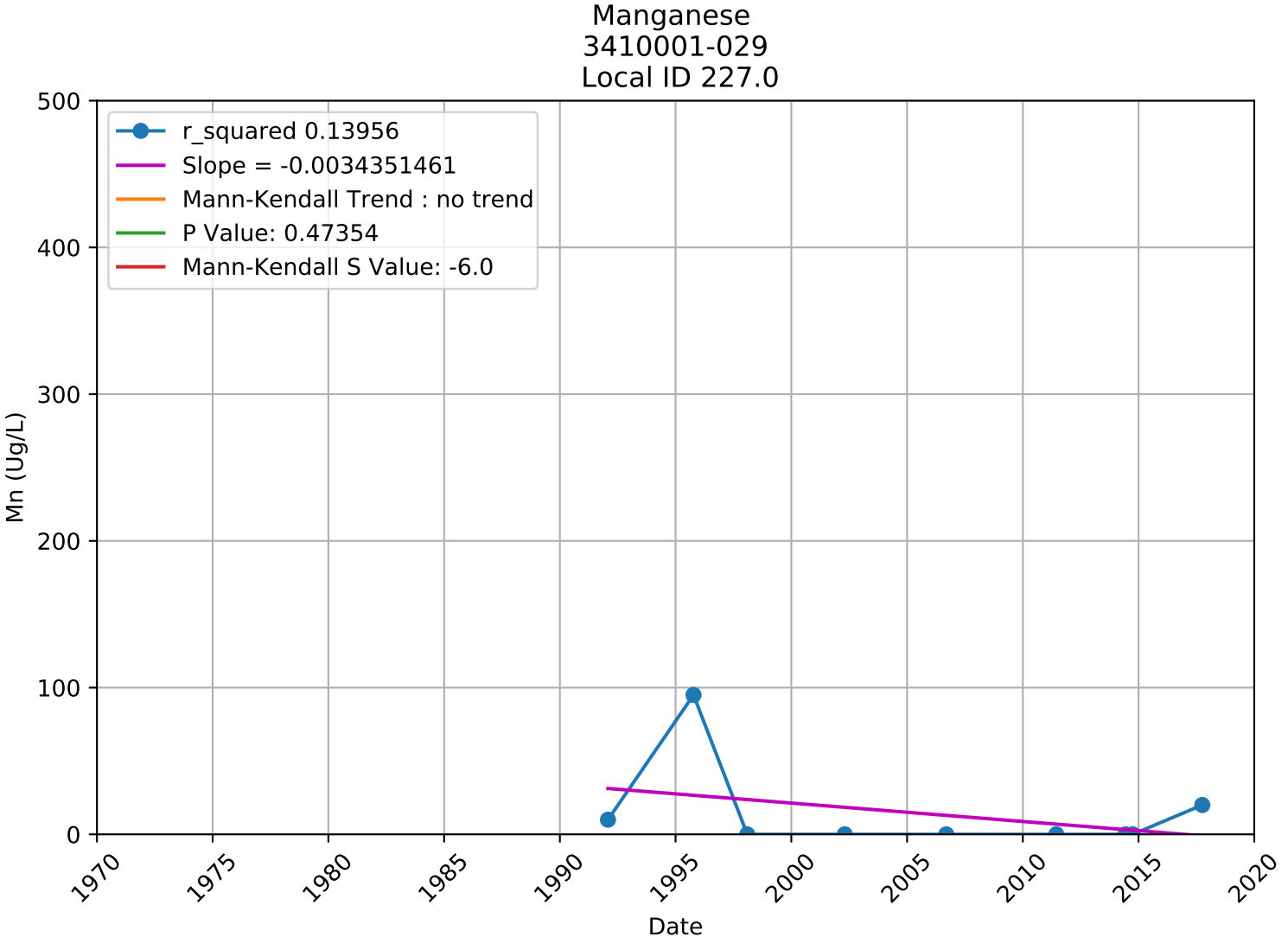

Manganese
3410001-024
Local ID 64.0
r_squared 0.56722
Slope = -0.0018992060
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
Mn (Ug/L)
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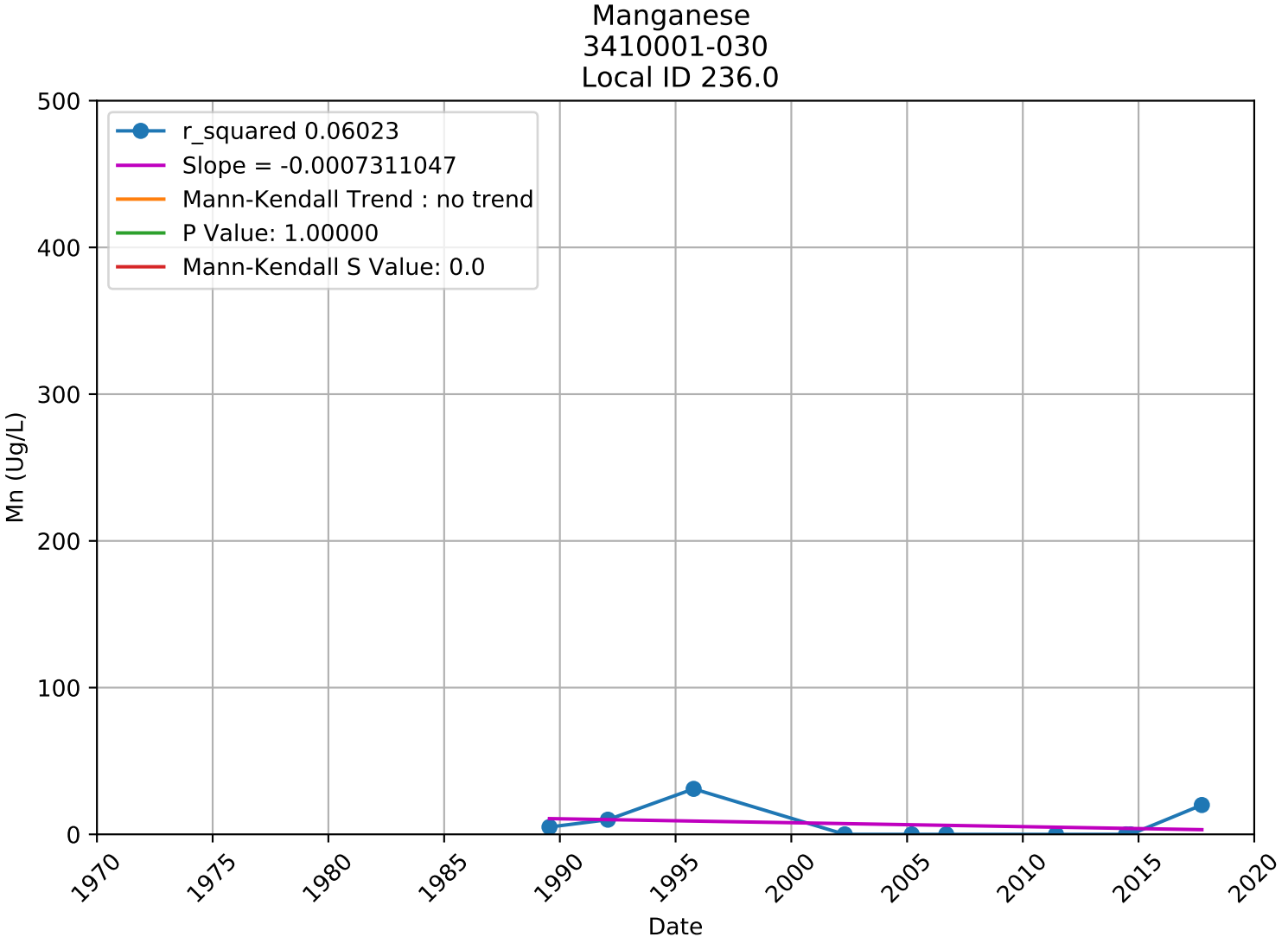

Manganese
3410001-025
Local ID 222.0
r_squared 0.00530
Slope = -0.0001336580
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
Mn (Ug/L)
Date
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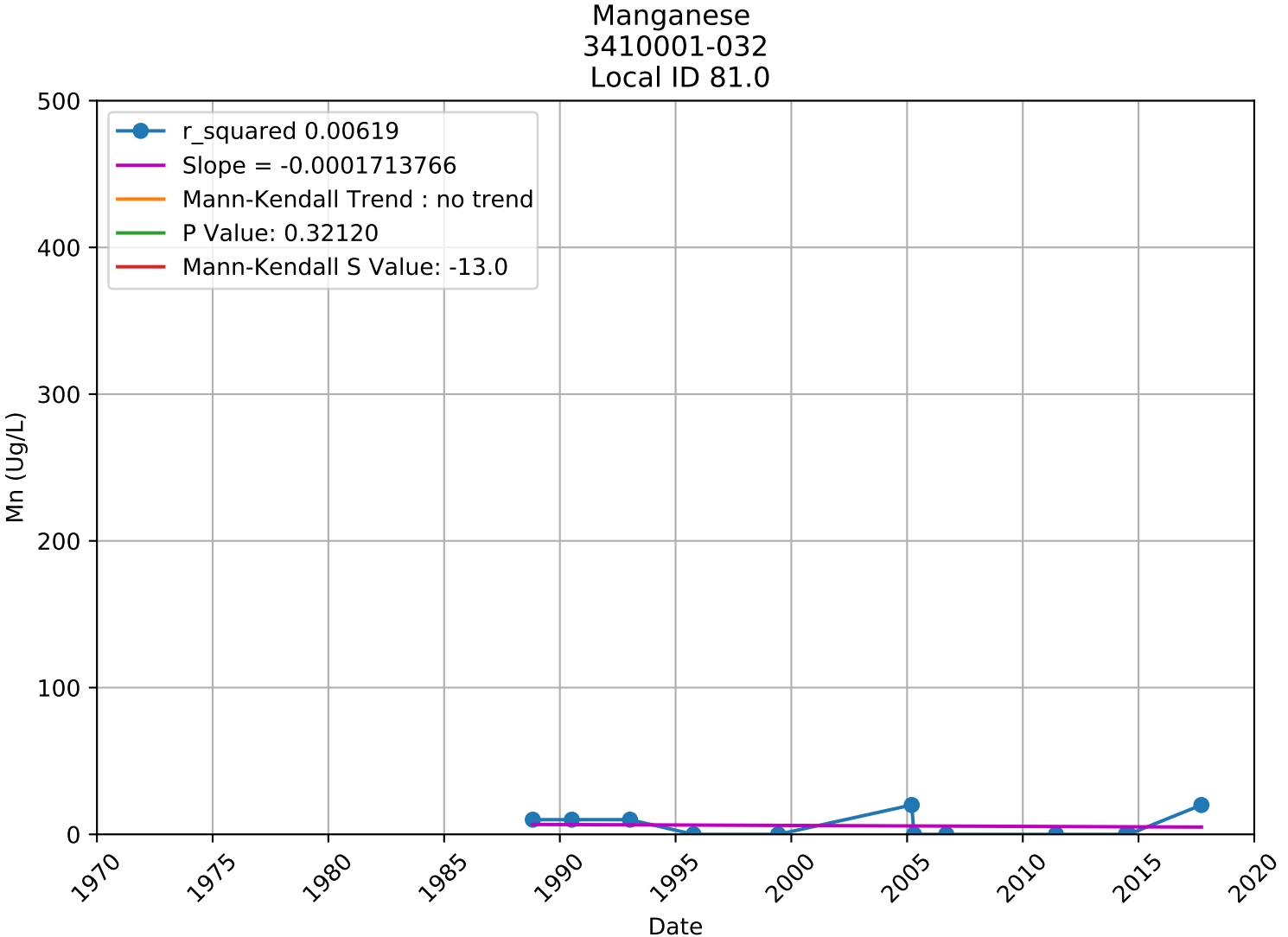

Manganese
3410001-026
Local ID 148.0
r_squared 0.00045
Slope = -0.0002485038
Mann-Kendall Trend : no trend
P Value: 0.84831
Mann-Kendall S Value: 2.0
Mn (Ug/L)
Date
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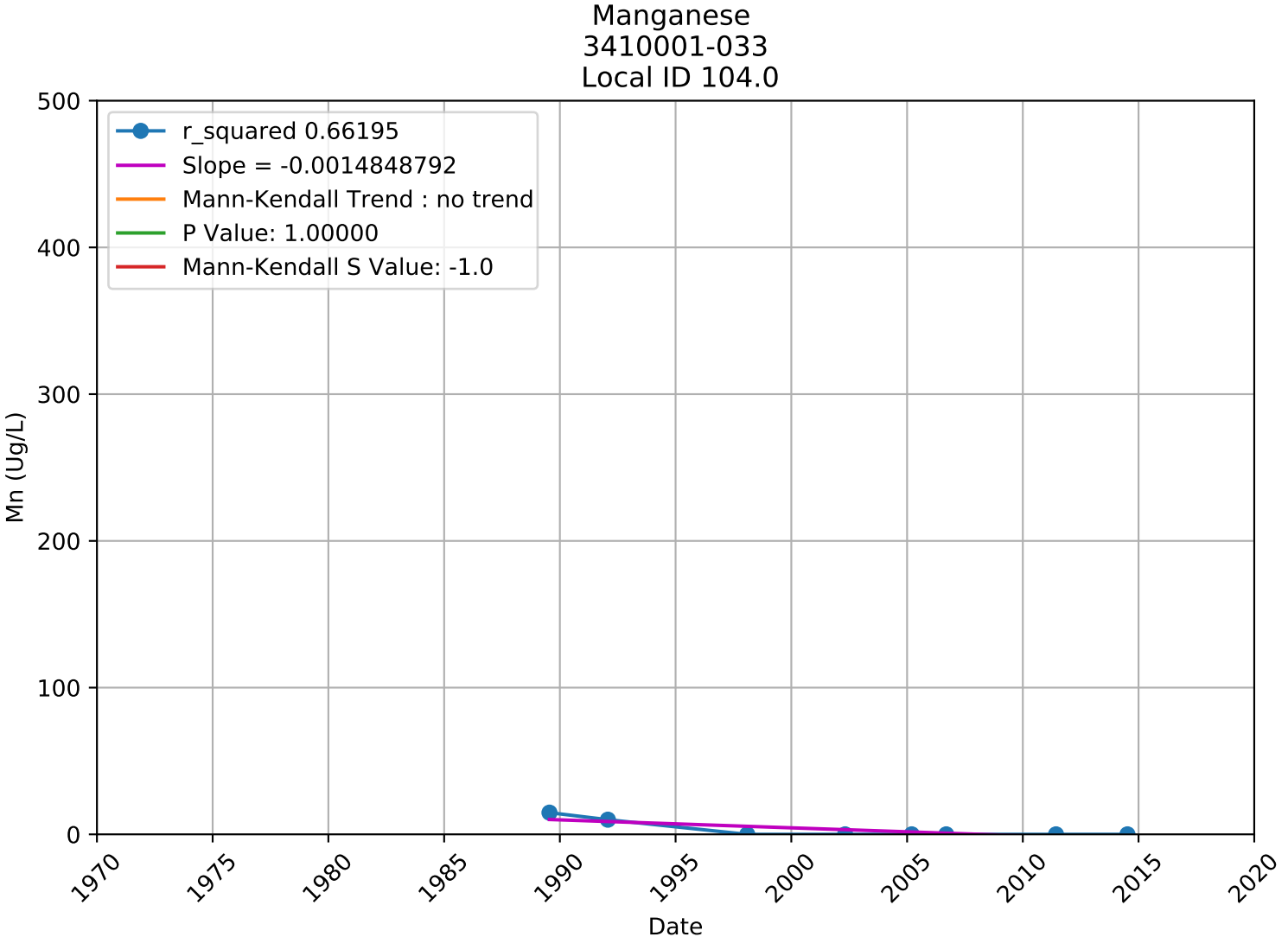

Manganese
3410001-027
Local ID 113.0
r_squared 0.00406
Slope = 0.0001845542
Mann-Kendall Trend : no trend
P Value: 0.81656
Mann-Kendall S Value: -3.0
Mn (Ug/L)
Date
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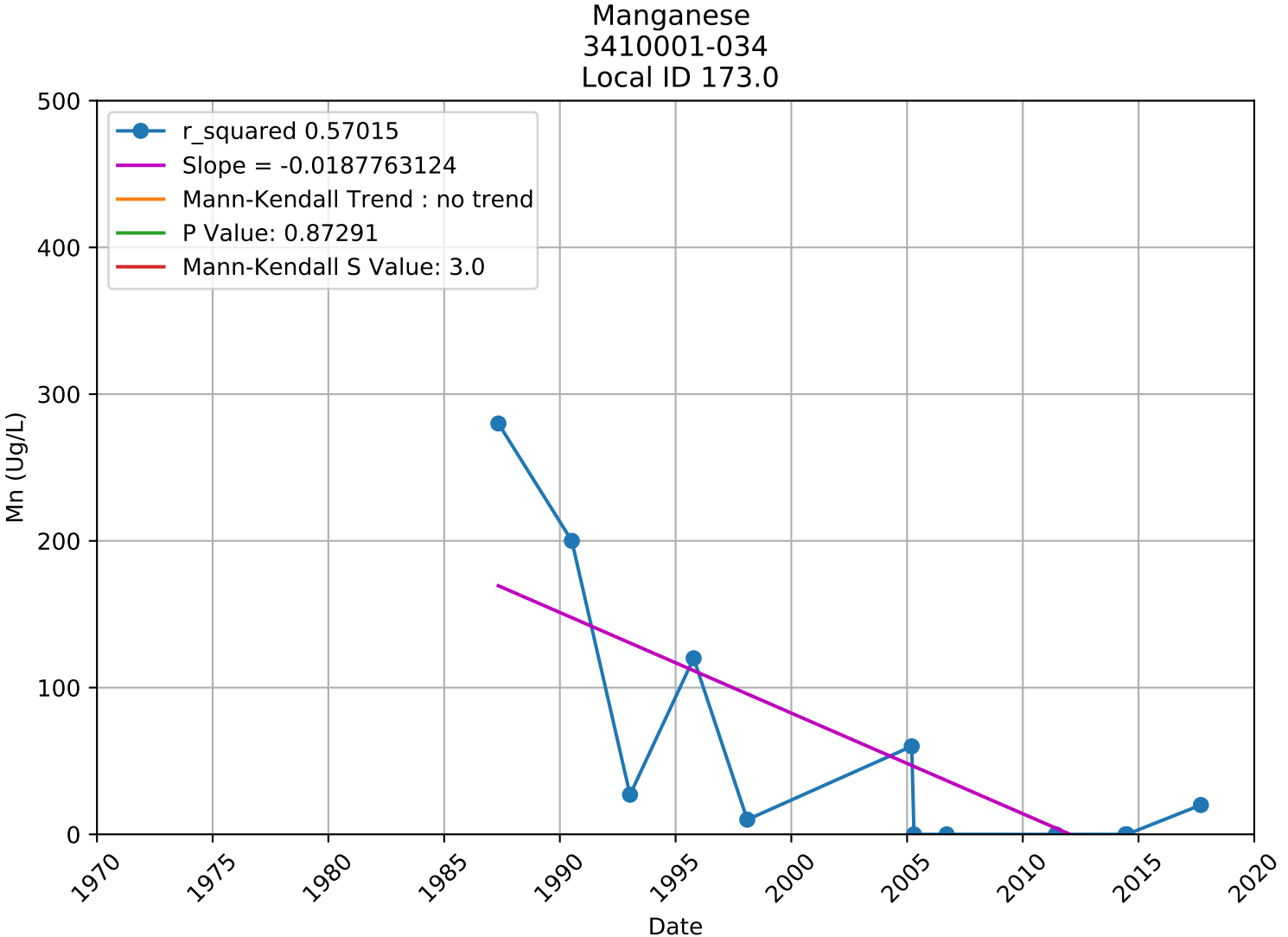

Manganese
3410001-028
Local ID 244.0
r_squared 0.17498
Slope = -0.0014564526
Mann-Kendall Trend : decreasing
P Value: 0.02112
Mann-Kendall S Value: -25.0
Mn (Ug/L)
Date
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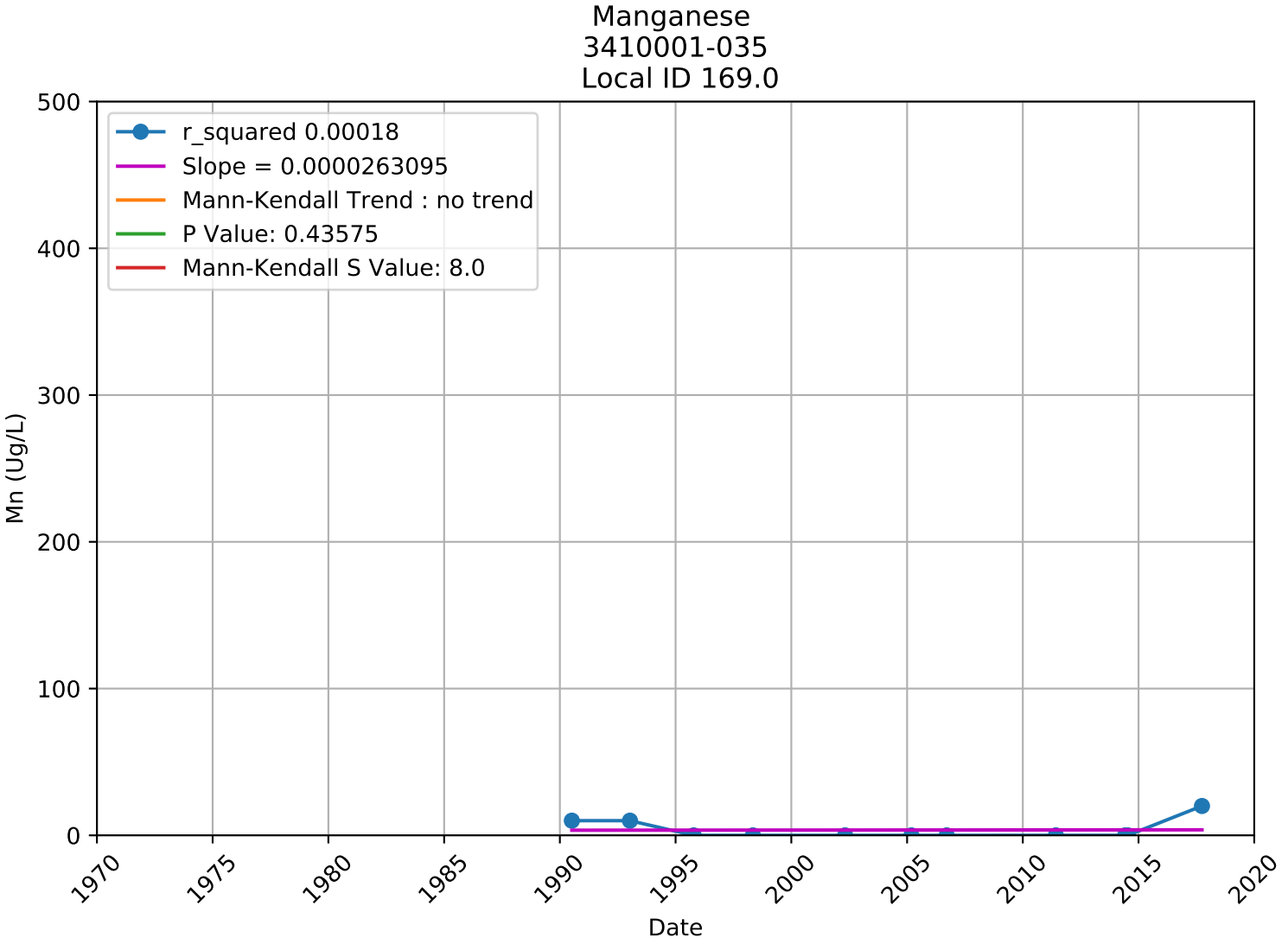

Manganese
3410001-029
Local ID 227.0
r_squared 0.13956
Slope = -0.0034351461
Mann-Kendall Trend : no trend
P Value: 0.47354
Mann-Kendall S Value: -6.0
Mn (Ug/L)
Date
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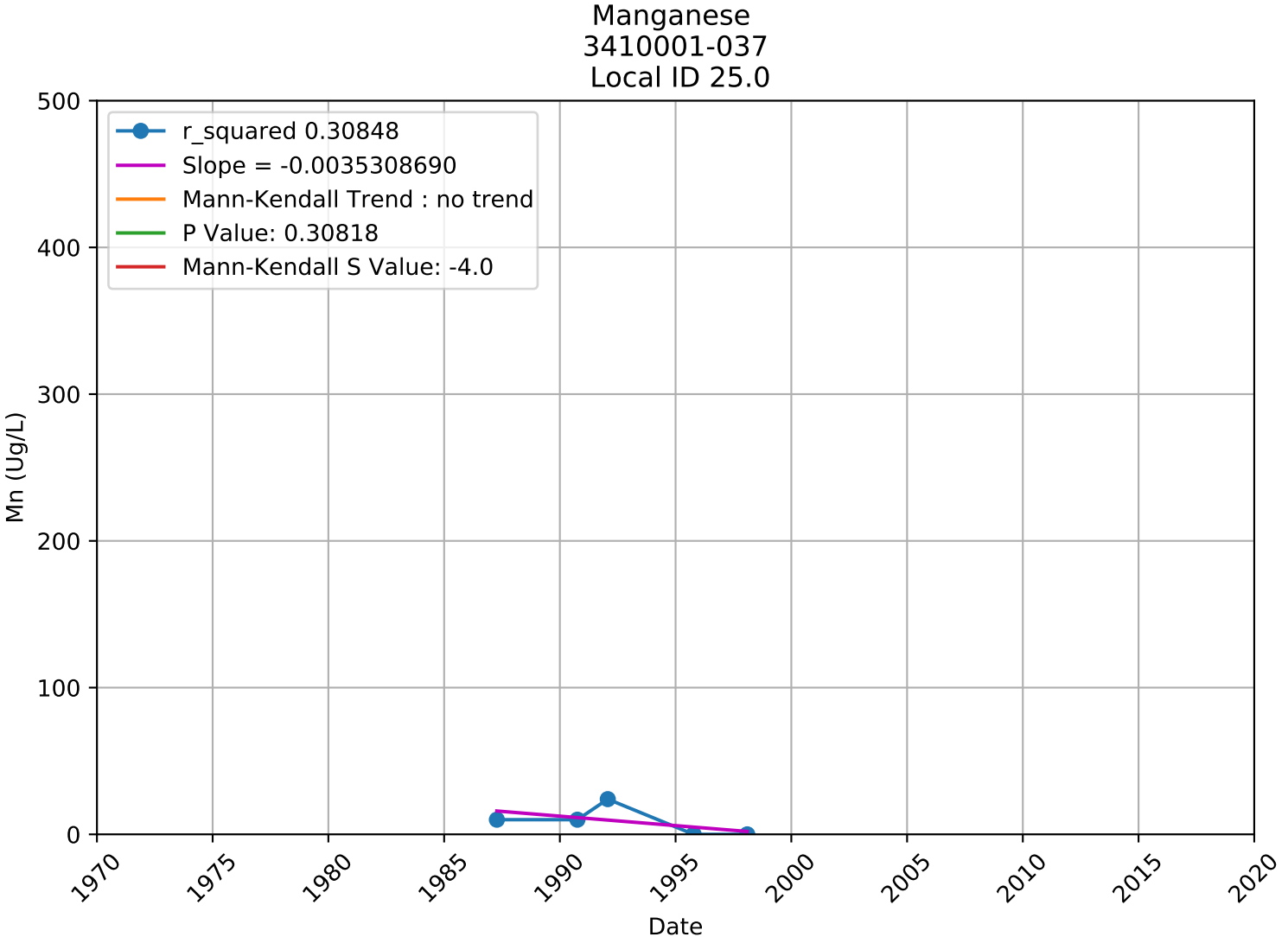

Manganese
3410001-030
Local ID 236.0
r_squared 0.06023
Slope = -0.0007311047
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Mn (Ug/L)
Date
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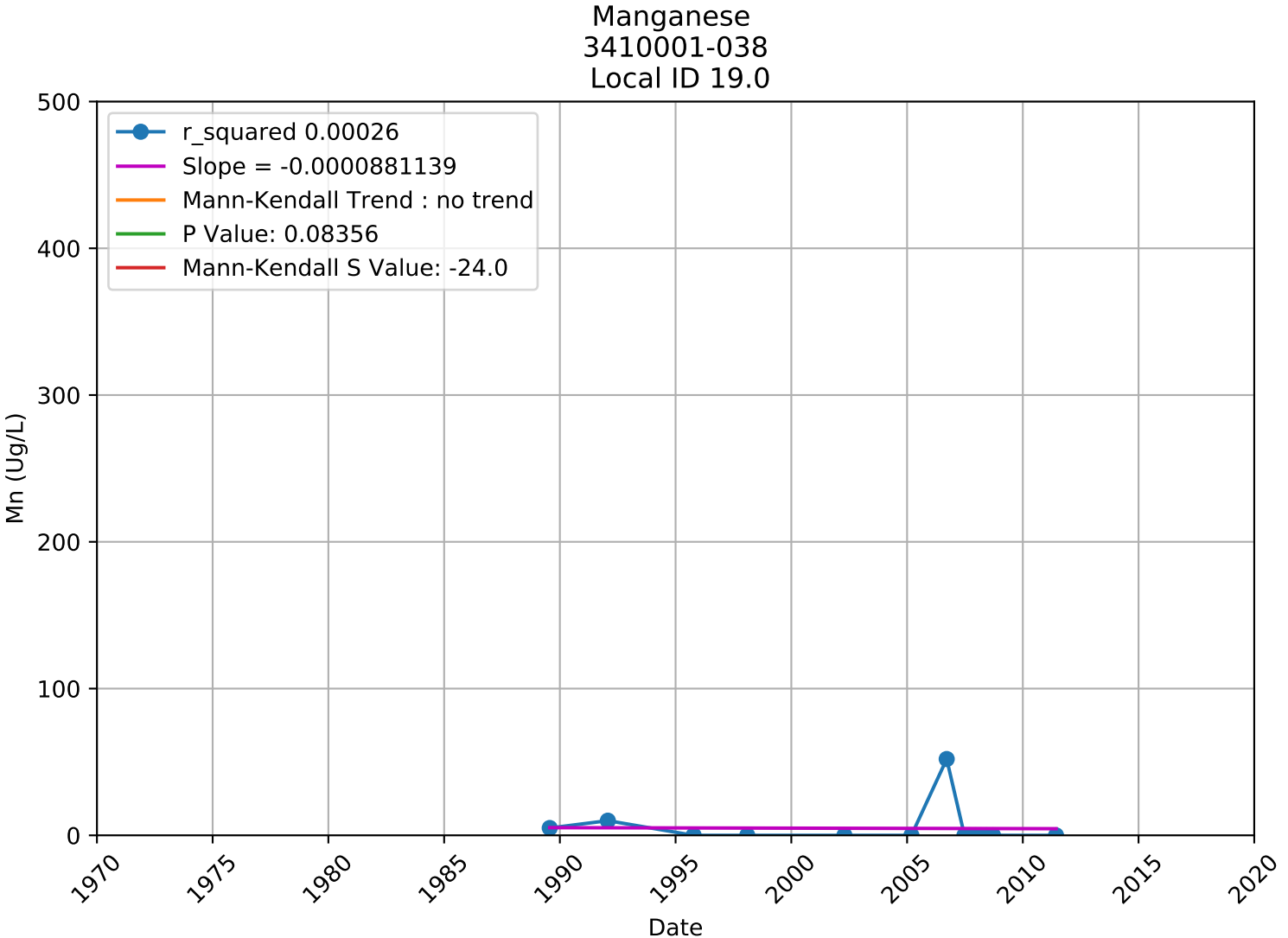

Manganese
3410001-032
Local ID 81.0
r_squared 0.00619
Slope = -0.0001713766
Mann-Kendall Trend : no trend
P Value: 0.32120
Mann-Kendall S Value: -13.0
Mn (Ug/L)
Date
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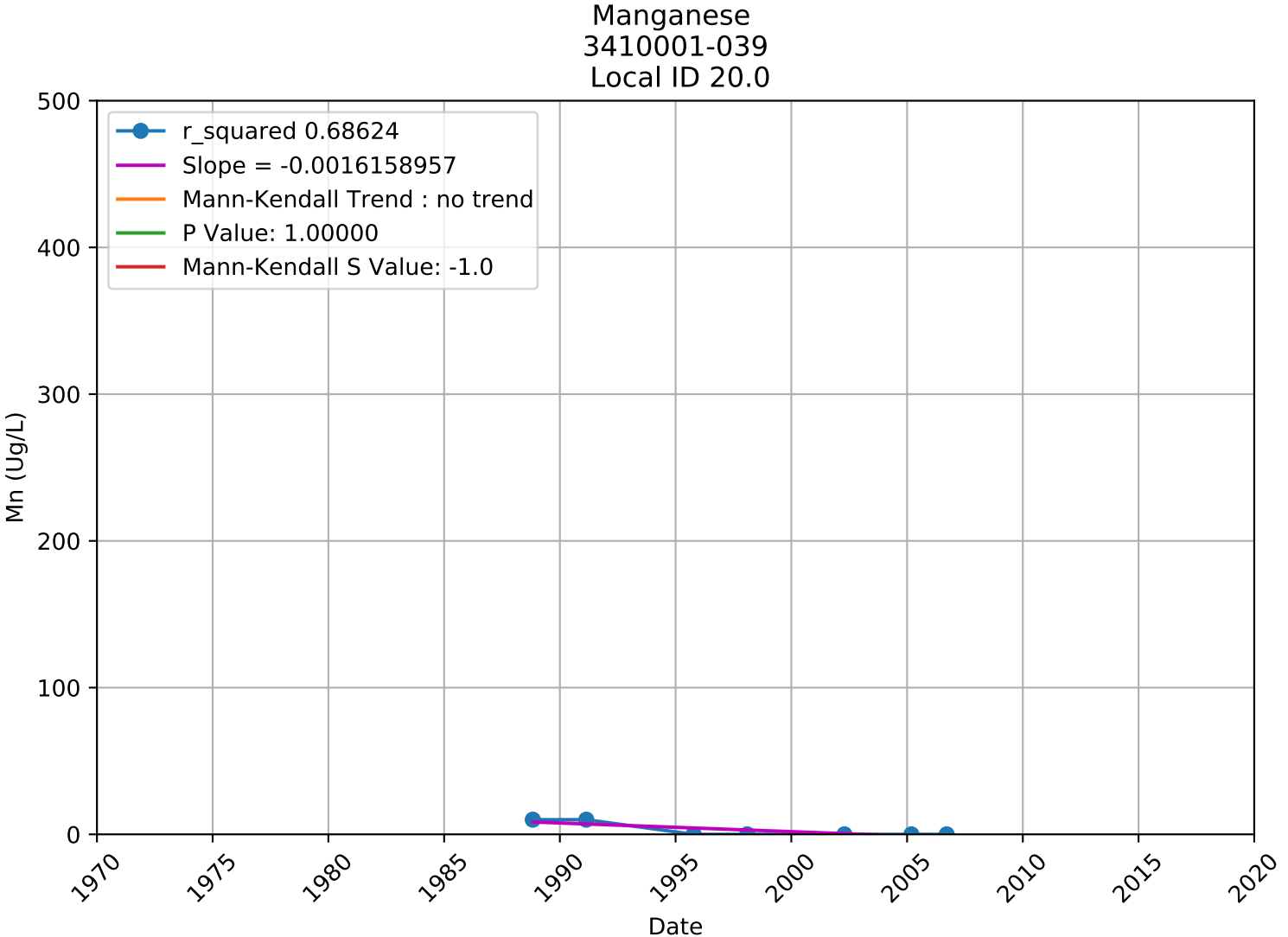

Manganese
3410001-033
Local ID 104.0
r_squared 0.66195
Slope = -0.0014848792
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
Mn (Ug/L)
Date
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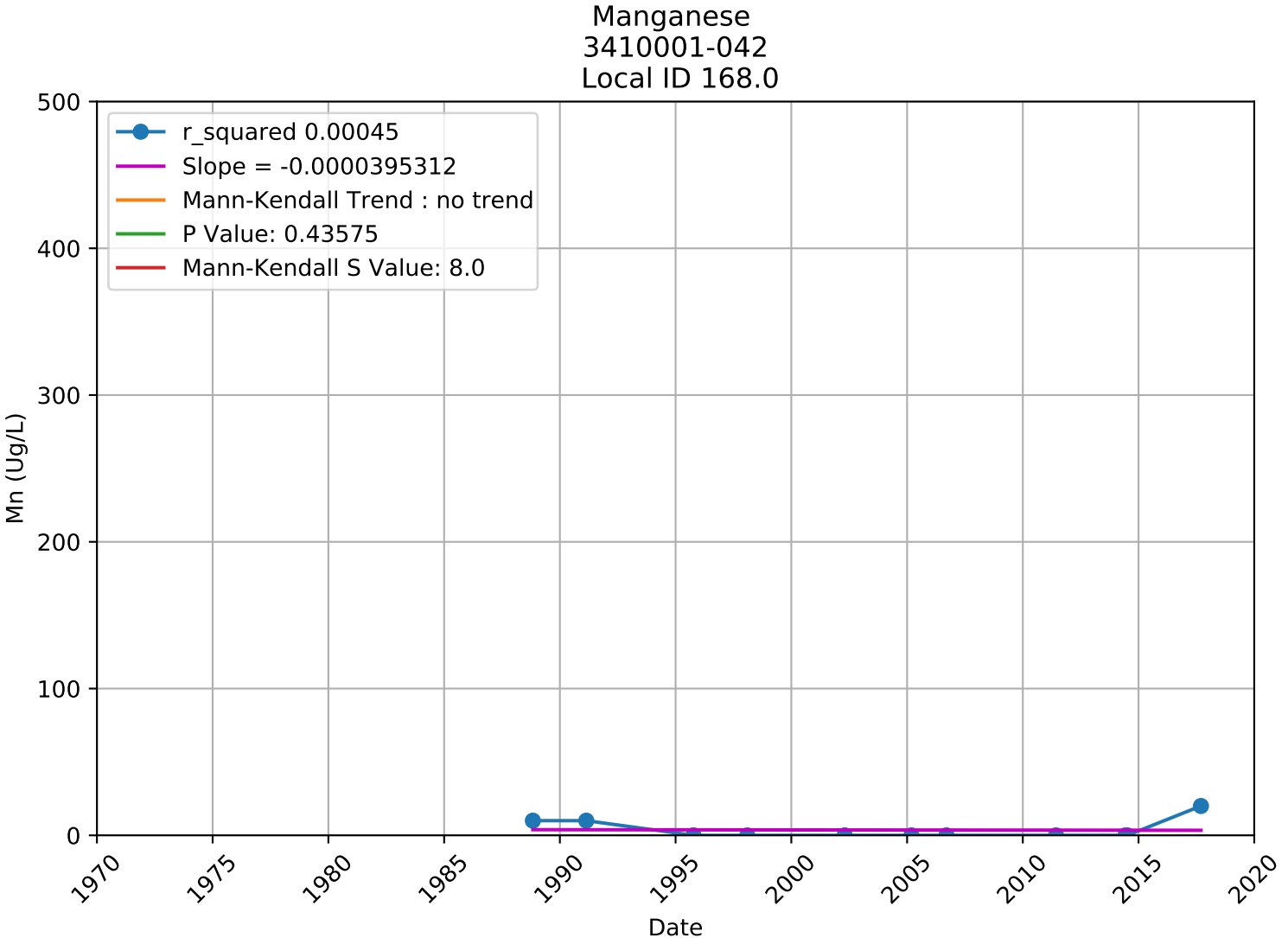

Manganese
3410001-034
Local ID 173.0
r_squared 0.57015
Slope = -0.0187763124
Mann-Kendall Trend : no trend
P Value: 0.87291
Mann-Kendall S Value: 3.0
Mn (Ug/L)
Date
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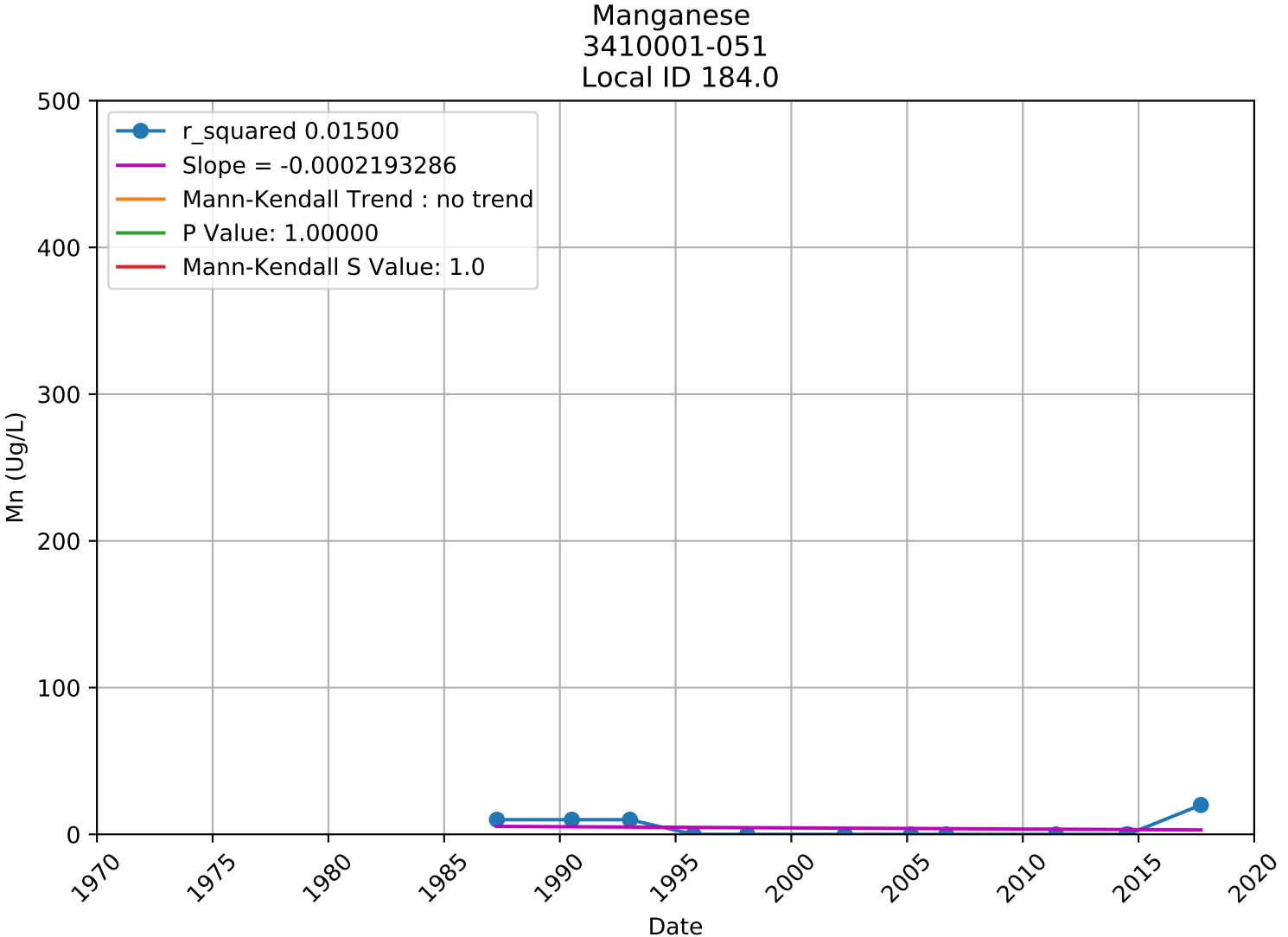

Manganese
3410001-035
Local ID 169.0
r_squared 0.00018
Slope = 0.0000263095
Mann-Kendall Trend : no trend
P Value: 0.43575
Mann-Kendall S Value: 8.0
Mn (Ug/L)
Date
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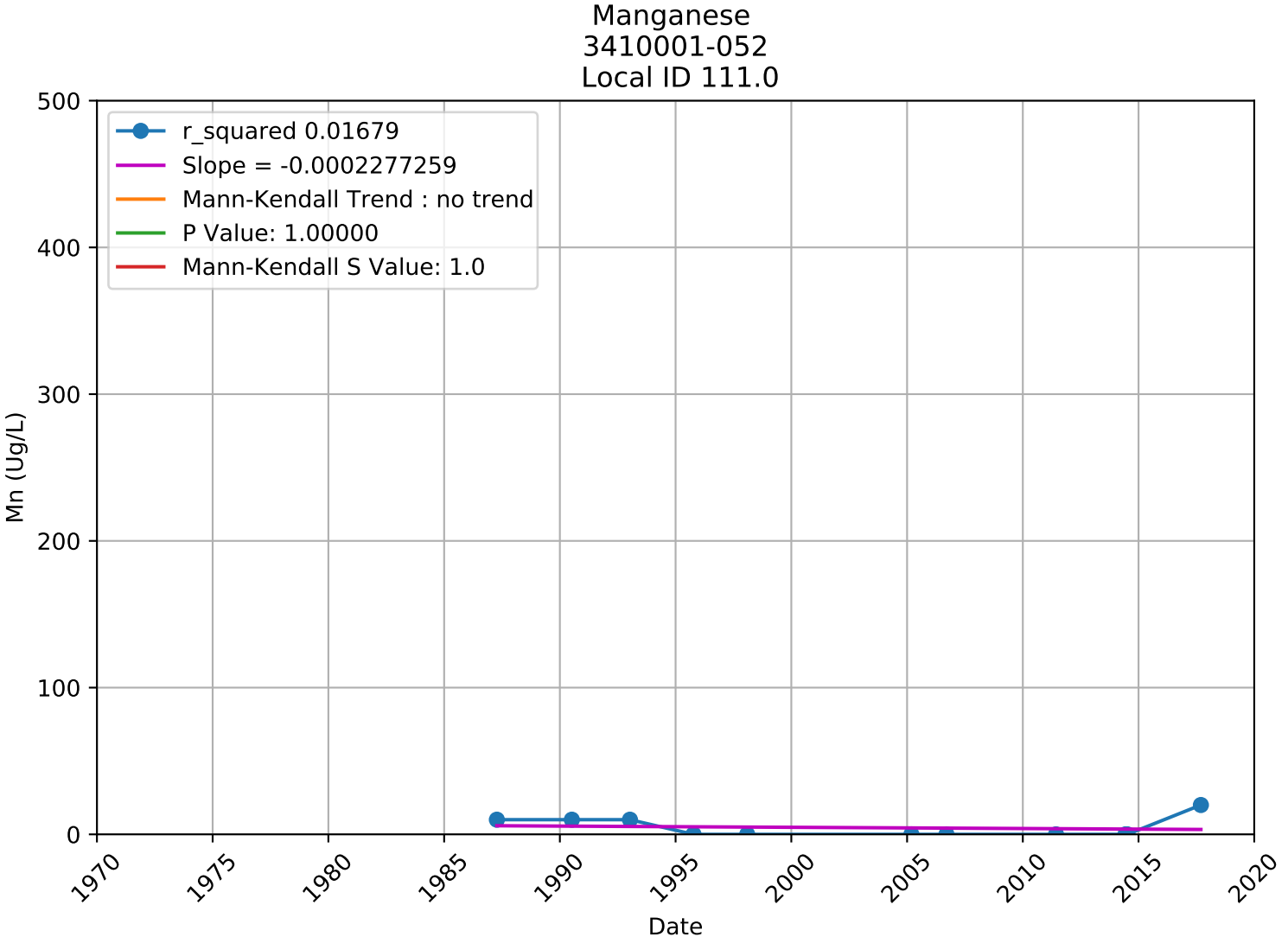

Manganese
3410001-037
Local ID 25.0
r_squared 0.30848
Slope = -0.0035308690
Mann-Kendall Trend : no trend
P Value: 0.30818
Mann-Kendall S Value: -4.0
Mn (Ug/L)
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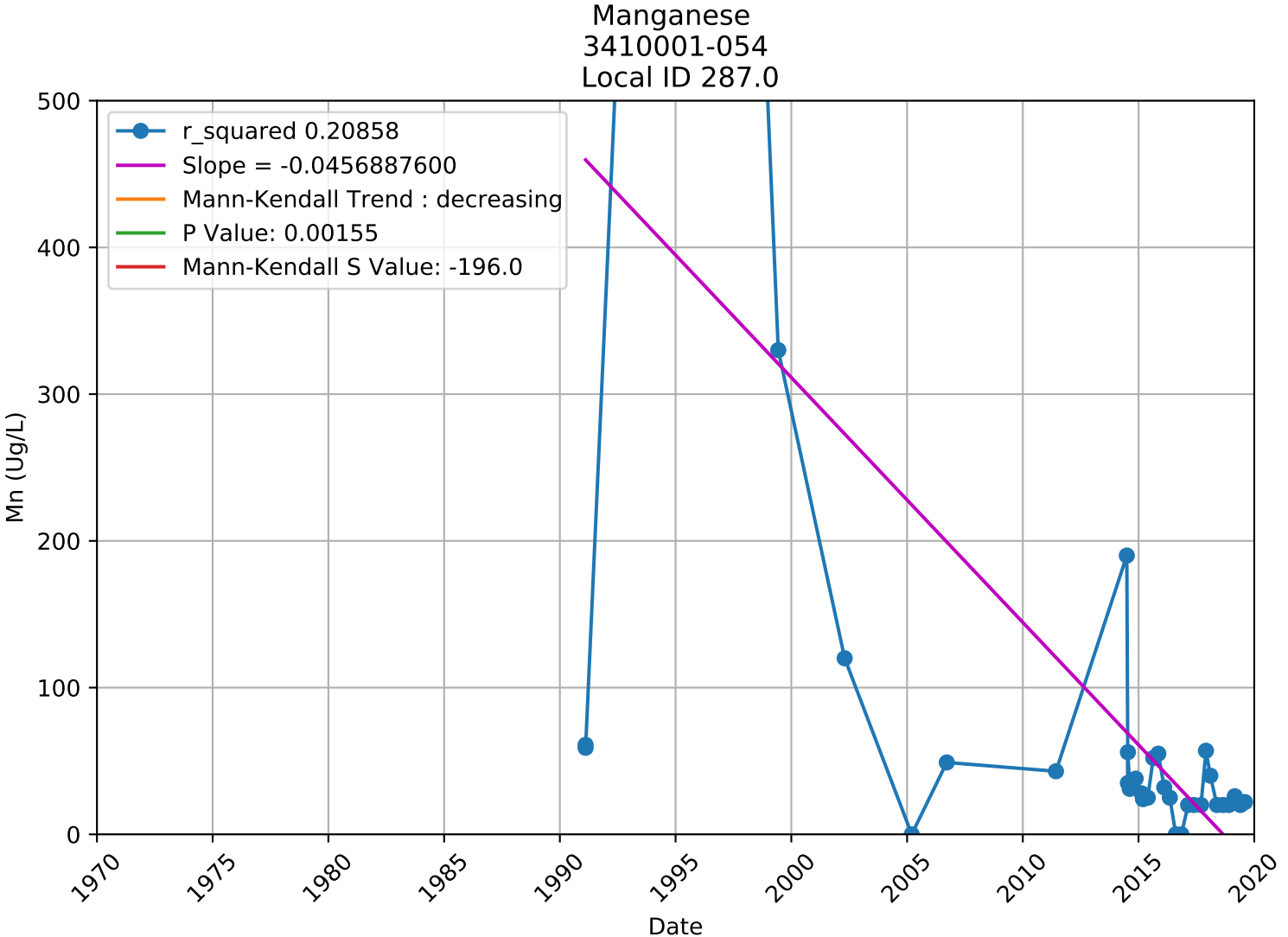

Manganese
3410001-038
Local ID 19.0
r_squared 0.00026
Slope = -0.0000881139
Mann-Kendall Trend : no trend
P Value: 0.08356
Mann-Kendall S Value: -24.0
Mn (Ug/L)
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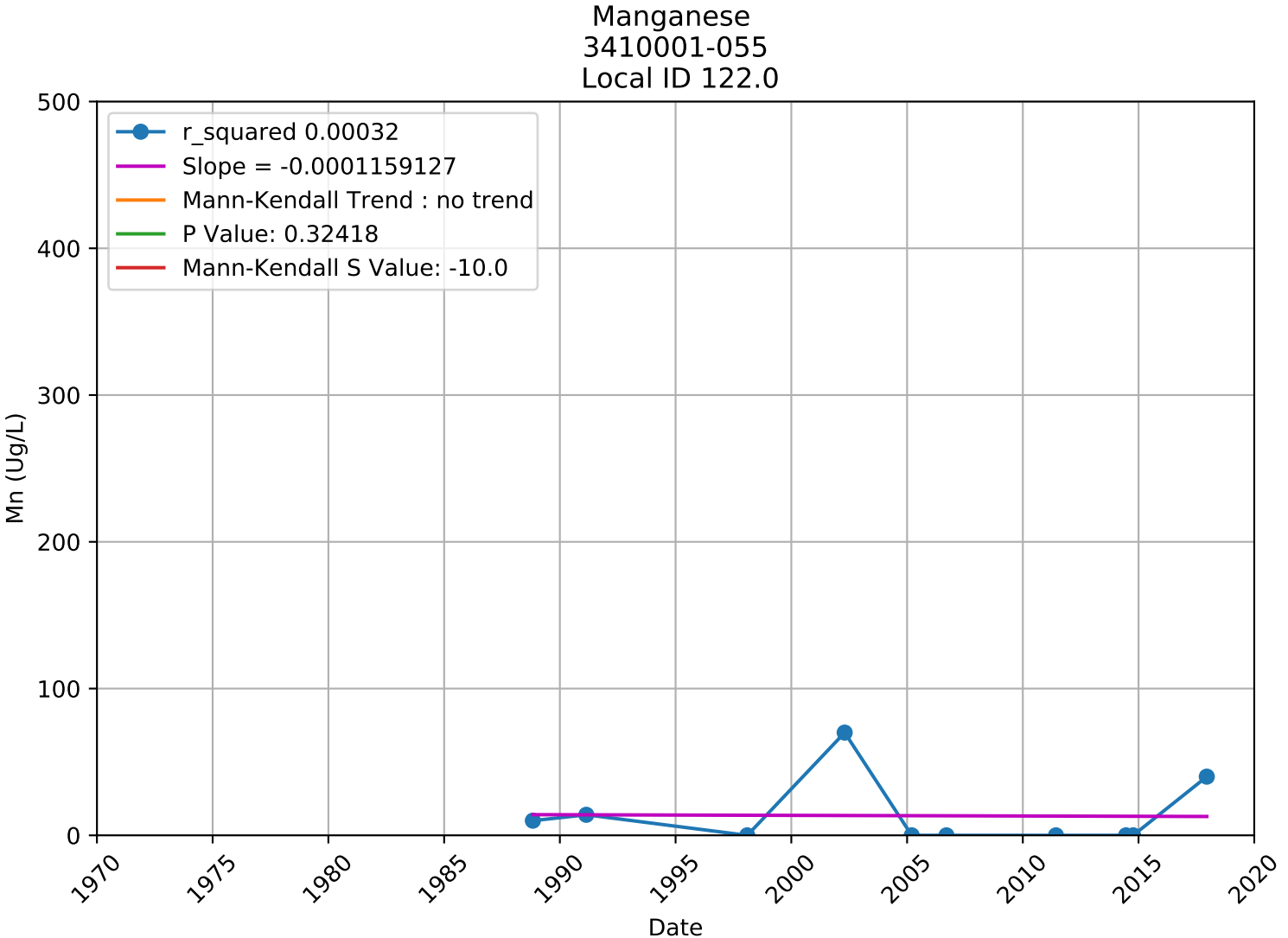

Manganese
3410001-039
Local ID 20.0
r_squared 0.68624
Slope = -0.0016158957
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
Mn (Ug/L)
Date
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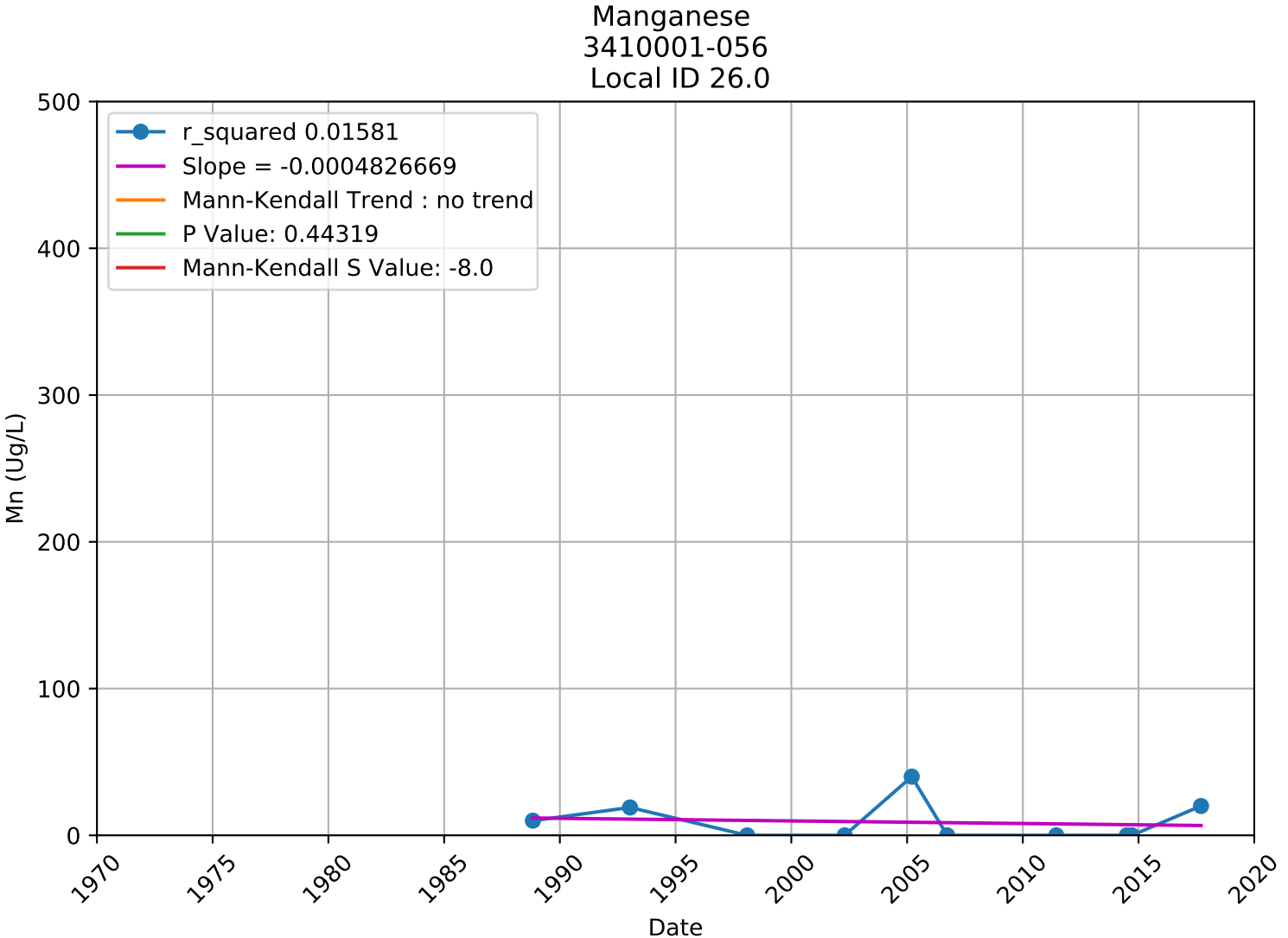

Manganese
3410001-042
Local ID 168.0
r_squared 0.00045
Slope = -0.0000395312
Mann-Kendall Trend : no trend
P Value: 0.43575
Mann-Kendall S Value: 8.0
Mn (Ug/L)
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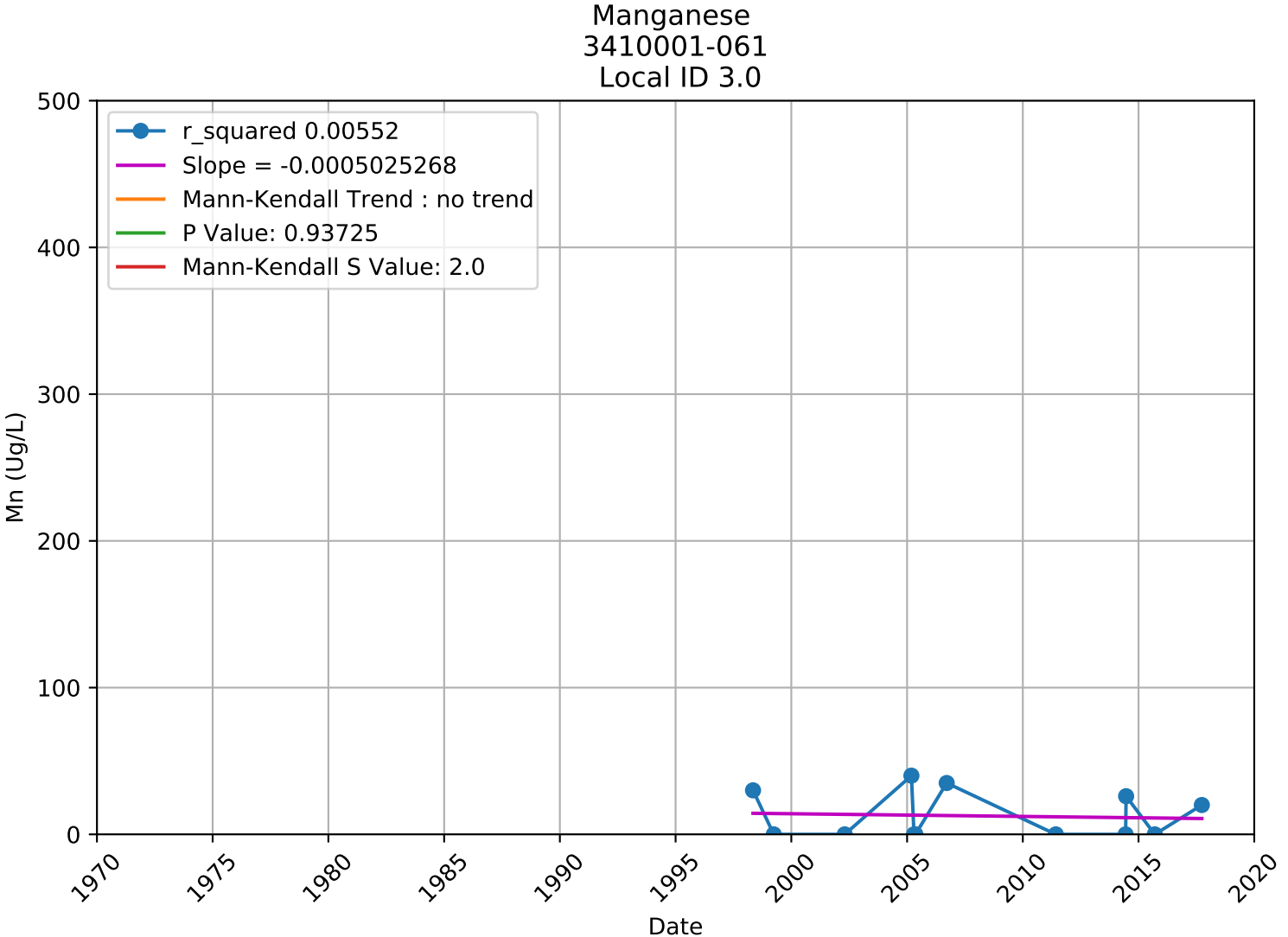

Manganese
3410001-051
Local ID 184.0
r_squared 0.01500
Slope = -0.0002193286
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
Mn (Ug/L)
Date
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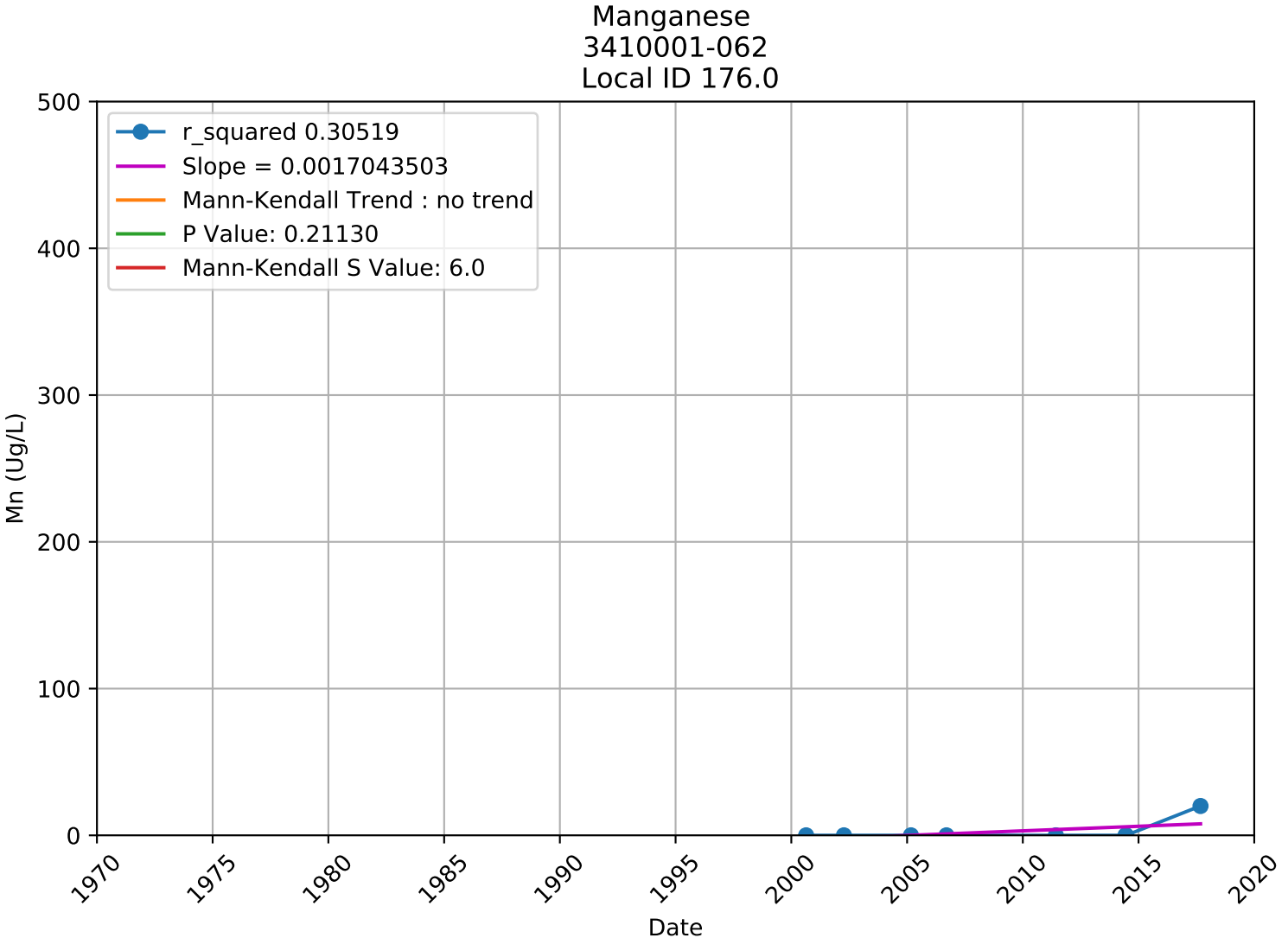

Manganese
3410001-052
Local ID 111.0
r_squared 0.01679
Slope = -0.0002277259
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
Mn (Ug/L)
Date
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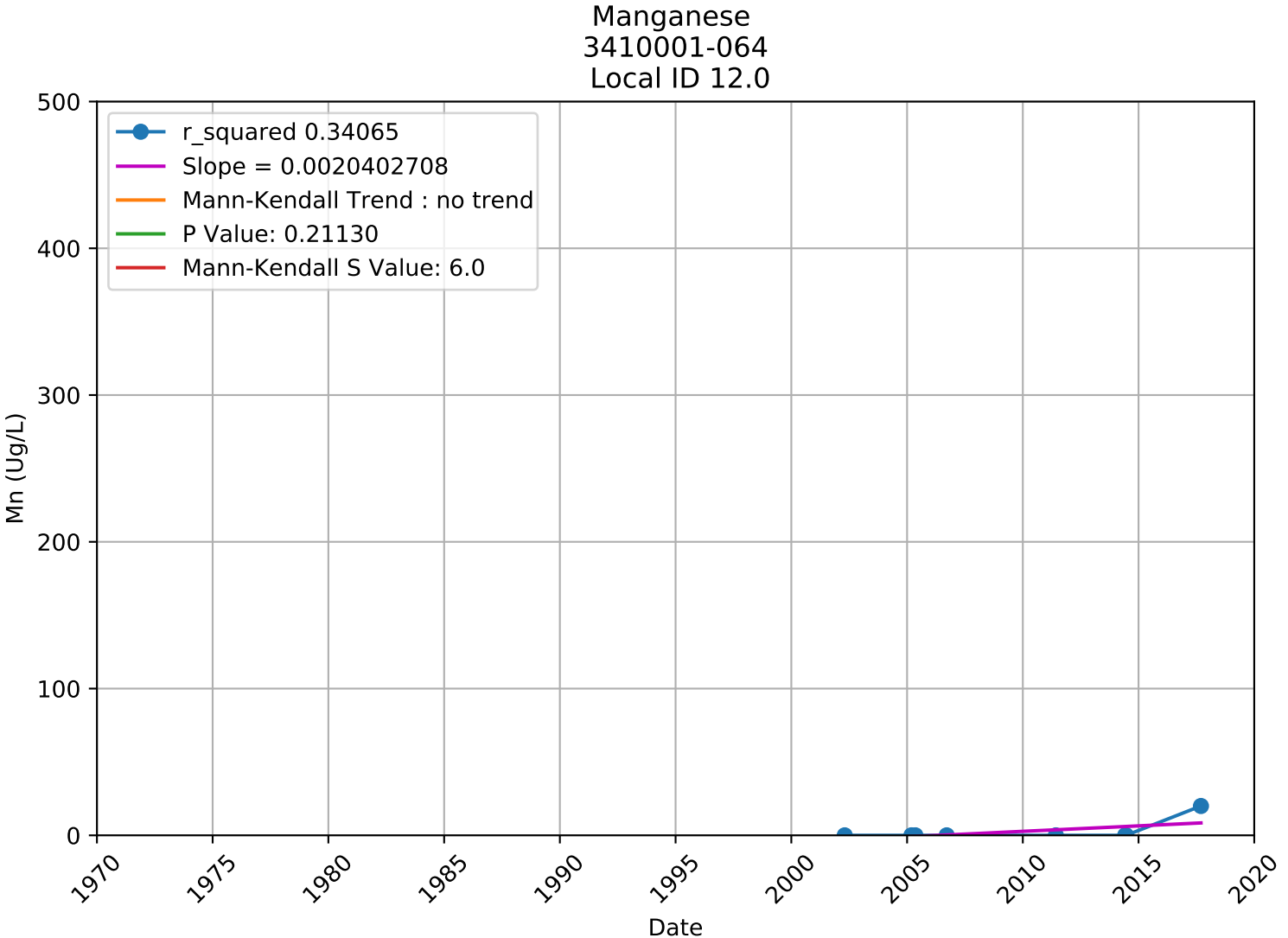

Manganese
3410001-054
Local ID 287.0
r_squared 0.20858
Slope = -0.0456887600
Mann-Kendall Trend : decreasing
P Value: 0.00155
Mann-Kendall S Value: -196.0
Mn (Ug/L)
Date
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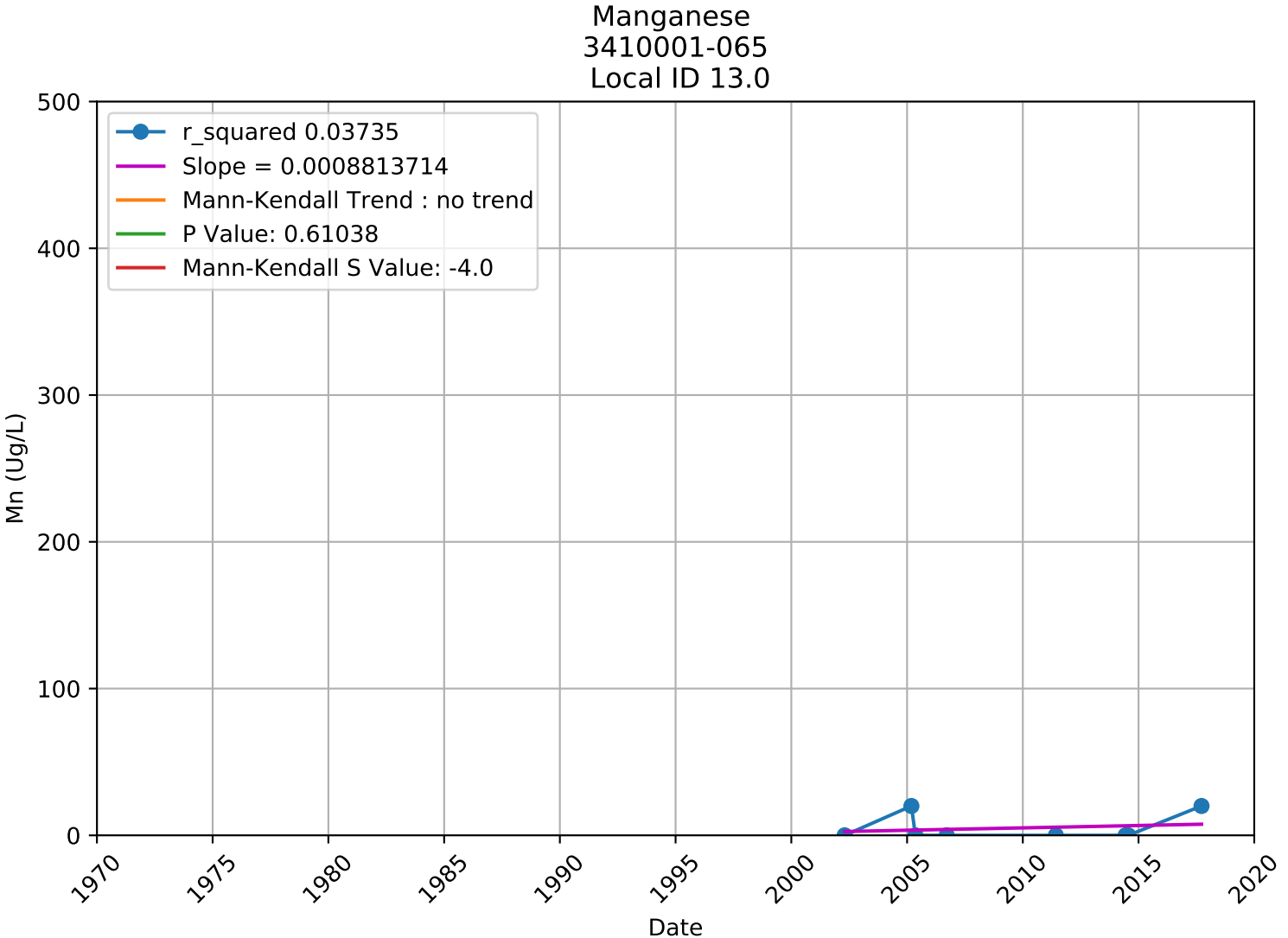

Manganese
3410001-055
Local ID 122.0
r_squared 0.00032
Slope = -0.0001159127
Mann-Kendall Trend : no trend
P Value: 0.32418
Mann-Kendall S Value: -10.0
Mn (Ug/L)
Date
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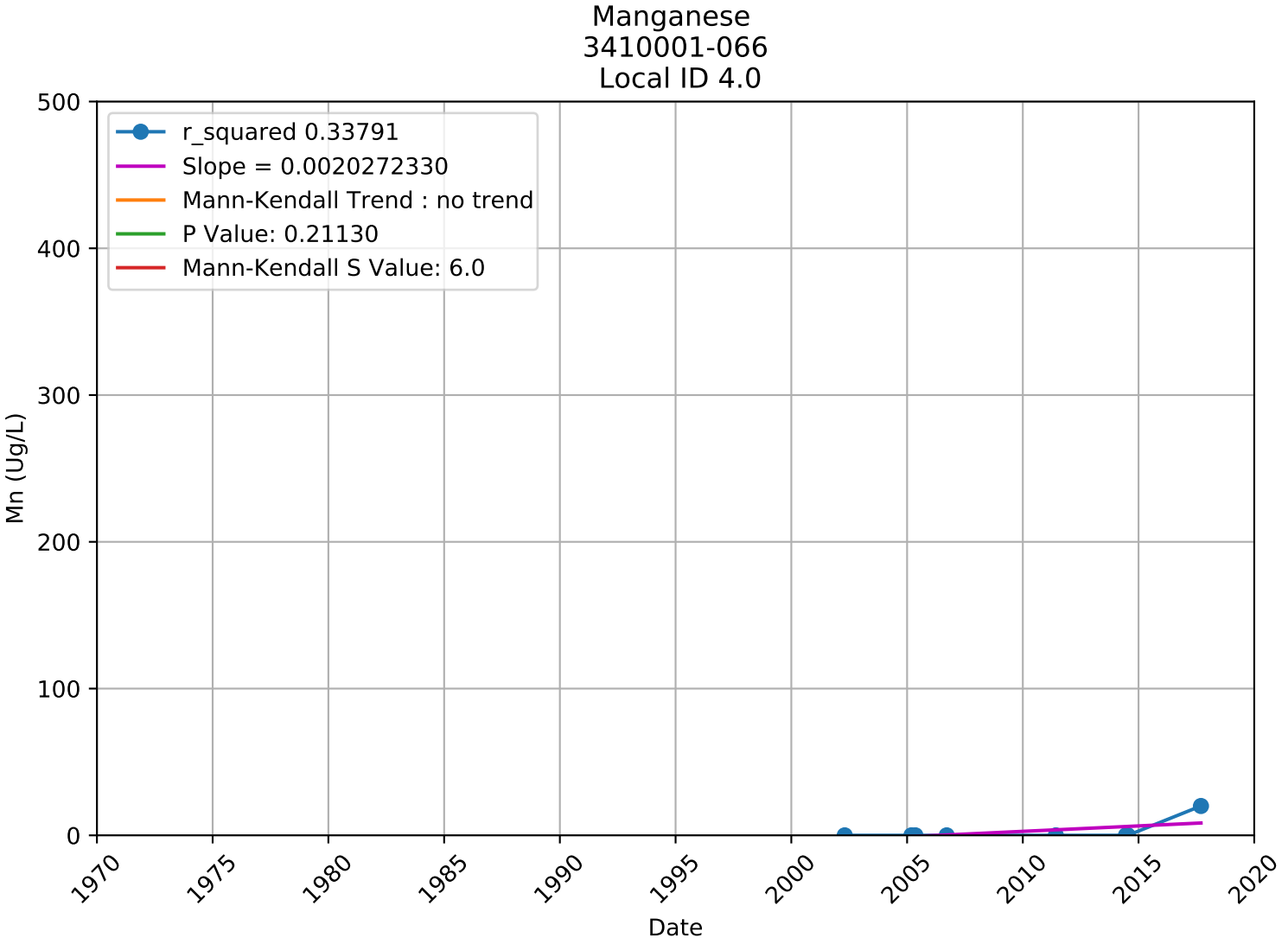

Manganese
3410001-056
Local ID 26.0
r_squared 0.01581
Slope = -0.0004826669
Mann-Kendall Trend : no trend
P Value: 0.44319
Mann-Kendall S Value: -8.0
Mn (Ug/L)
Date
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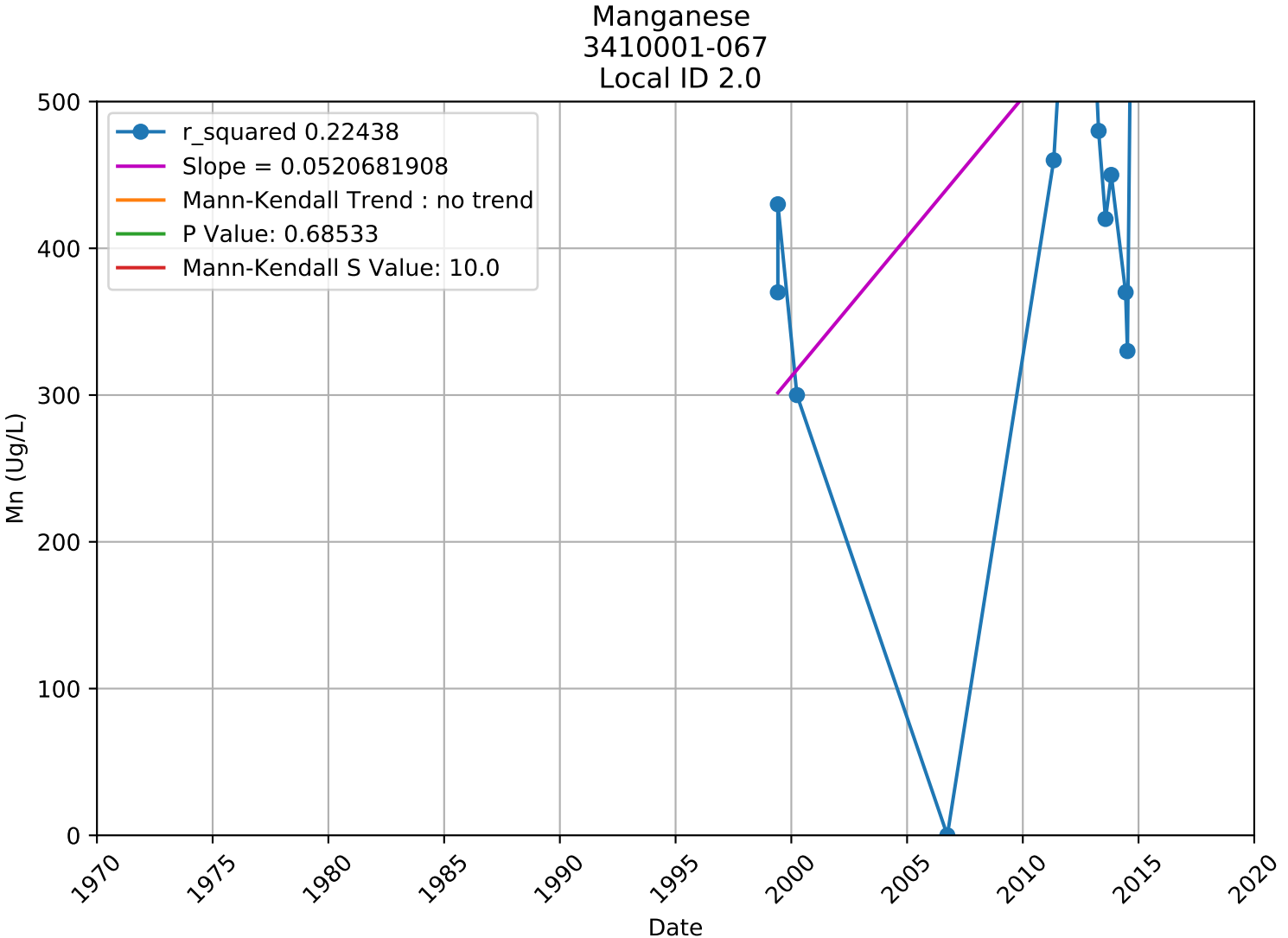

Manganese
3410001-061
Local ID 3.0
r_squared 0.00552
Slope = -0.0005025268
Mann-Kendall Trend : no trend
P Value: 0.93725
Mann-Kendall S Value: 2.0
Mn (Ug/L)
Date
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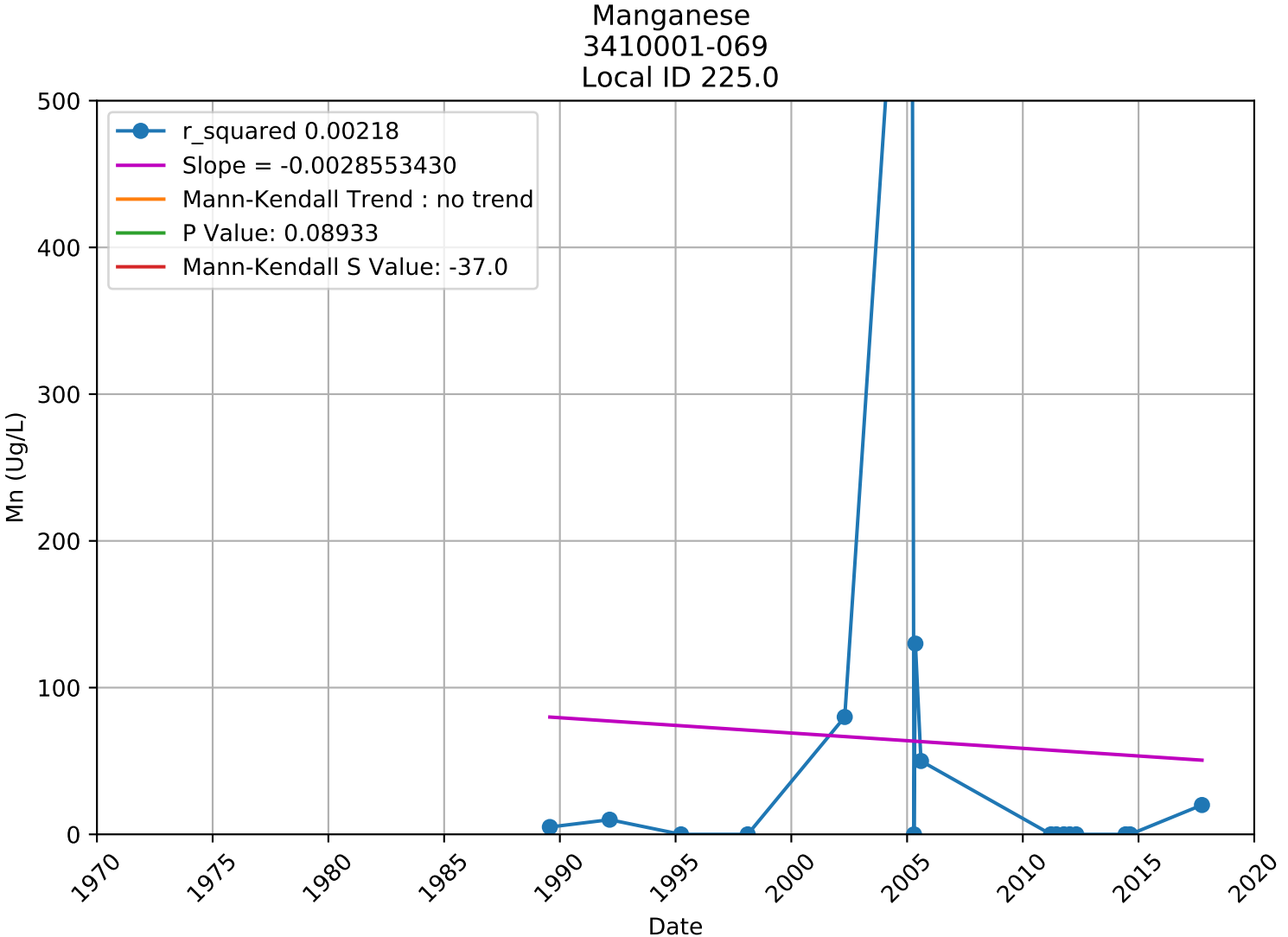

Manganese
3410001-062
Local ID 176.0
r_squared 0.30519
Slope = 0.0017043503
Mann-Kendall Trend : no trend
P Value: 0.21130
Mann-Kendall S Value: 6.0
Mn (Ug/L)
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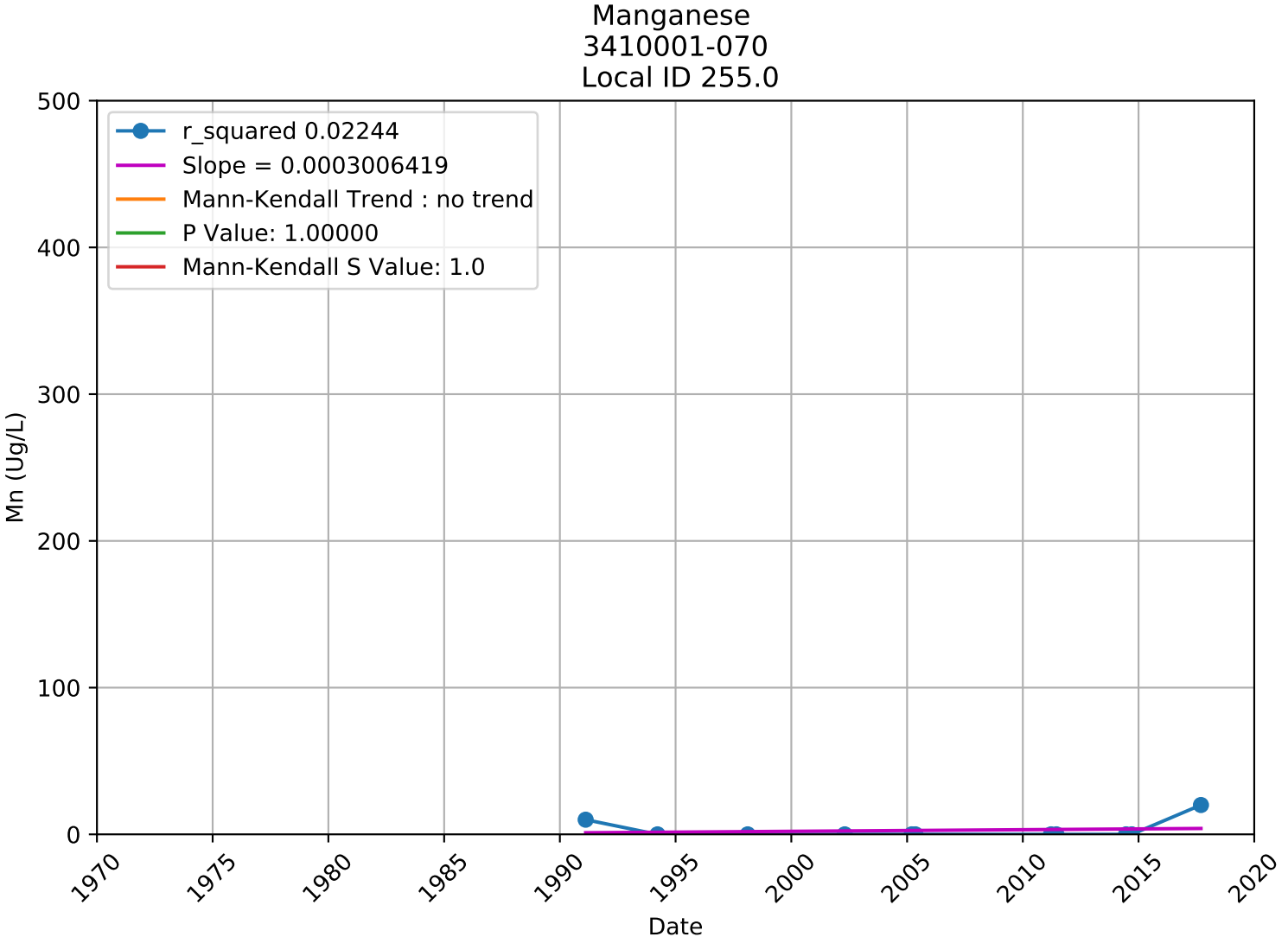

Manganese
3410001-064
Local ID 12.0
r_squared 0.34065
Slope = 0.0020402708
Mann-Kendall Trend : no trend
P Value: 0.21130
Mann-Kendall S Value: 6.0
Mn (Ug/L)
Date
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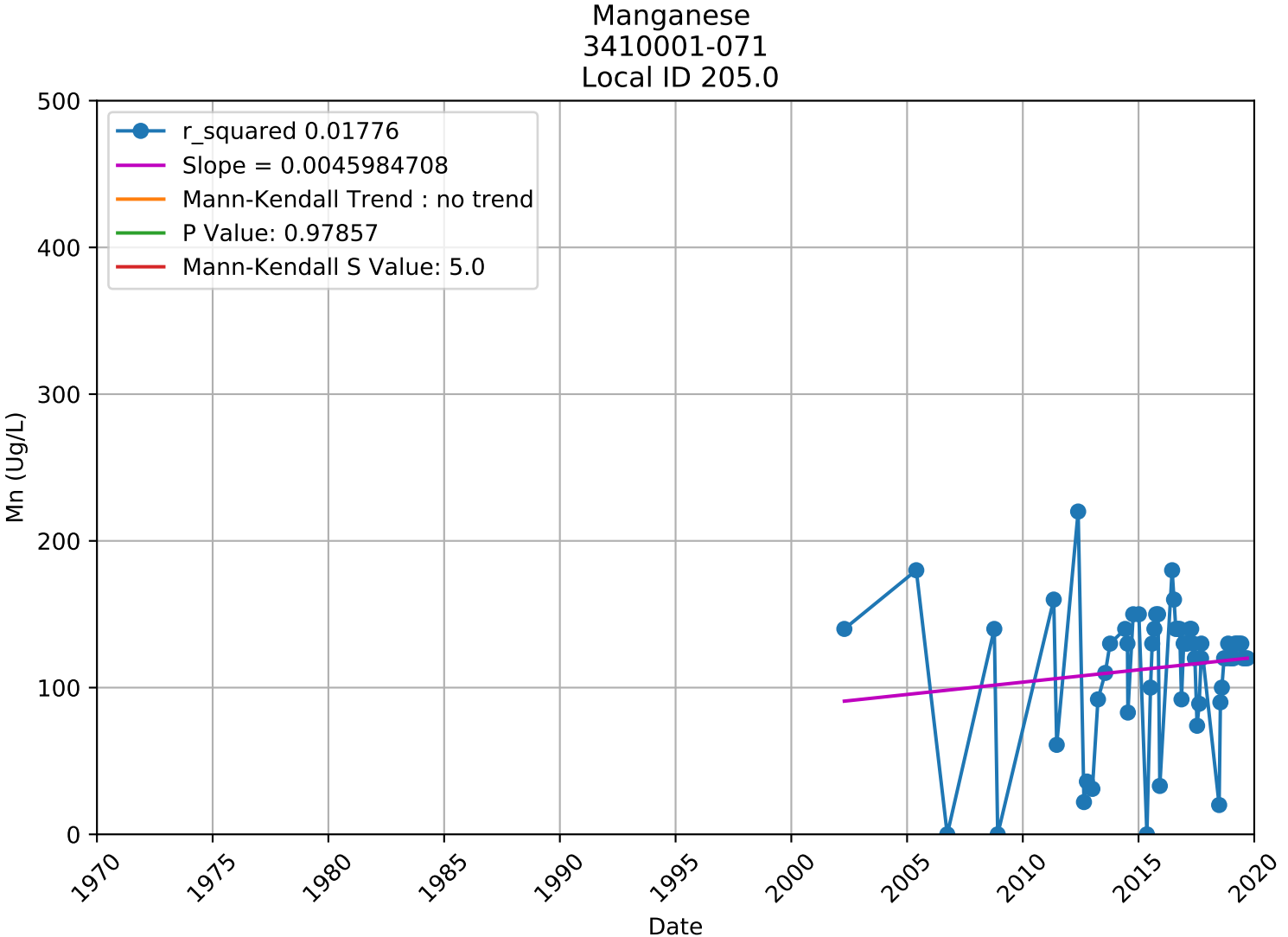

Manganese
3410001-065
Local ID 13.0
r_squared 0.03735
Slope = 0.0008813714
Mann-Kendall Trend : no trend
P Value: 0.61038
Mann-Kendall S Value: -4.0
Mn (Ug/L)
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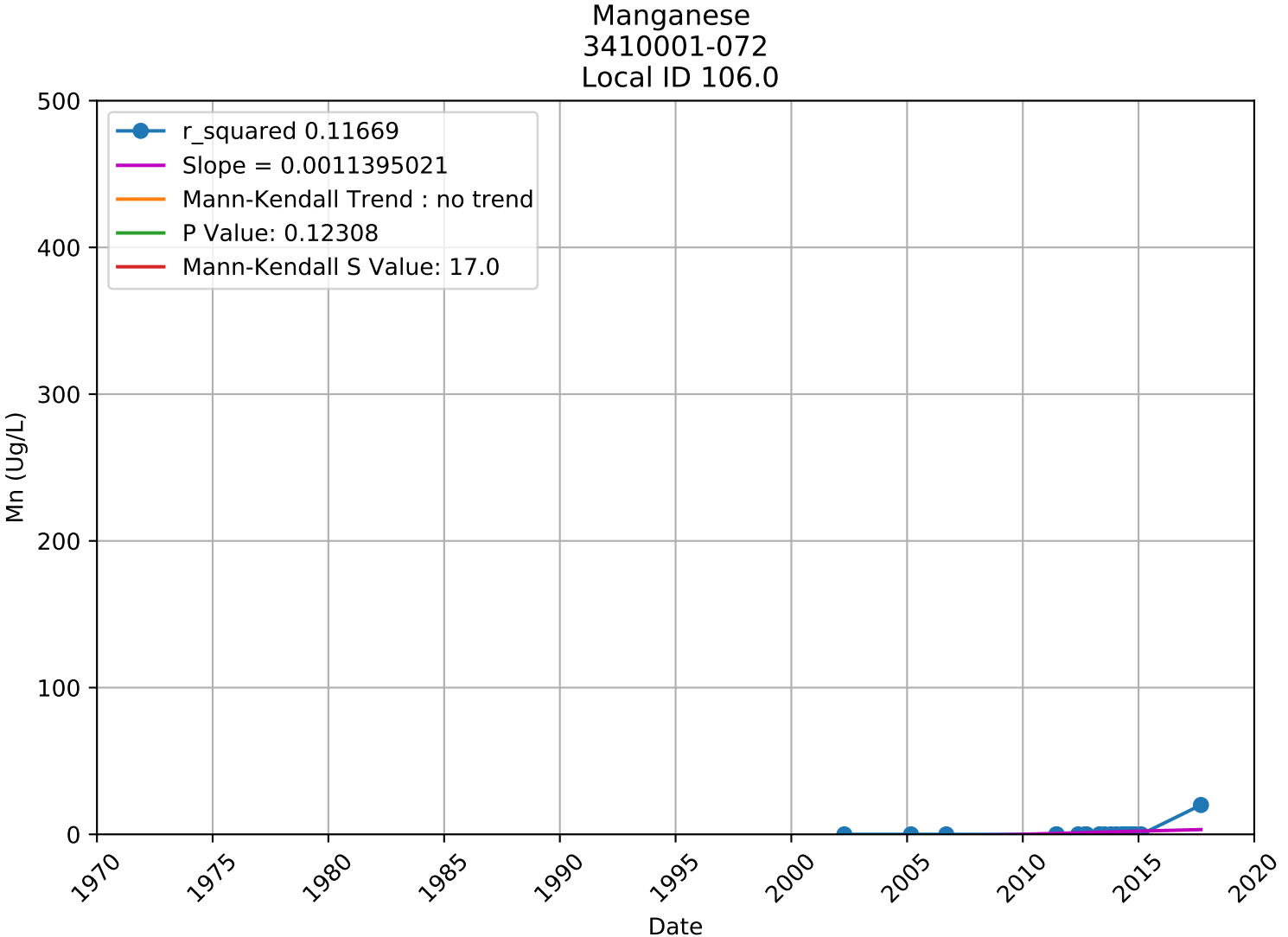

Manganese
3410001-066
Local ID 4.0
r_squared 0.33791
Slope = 0.0020272330
Mann-Kendall Trend : no trend
P Value: 0.21130
Mann-Kendall S Value: 6.0
Mn (Ug/L)
Date
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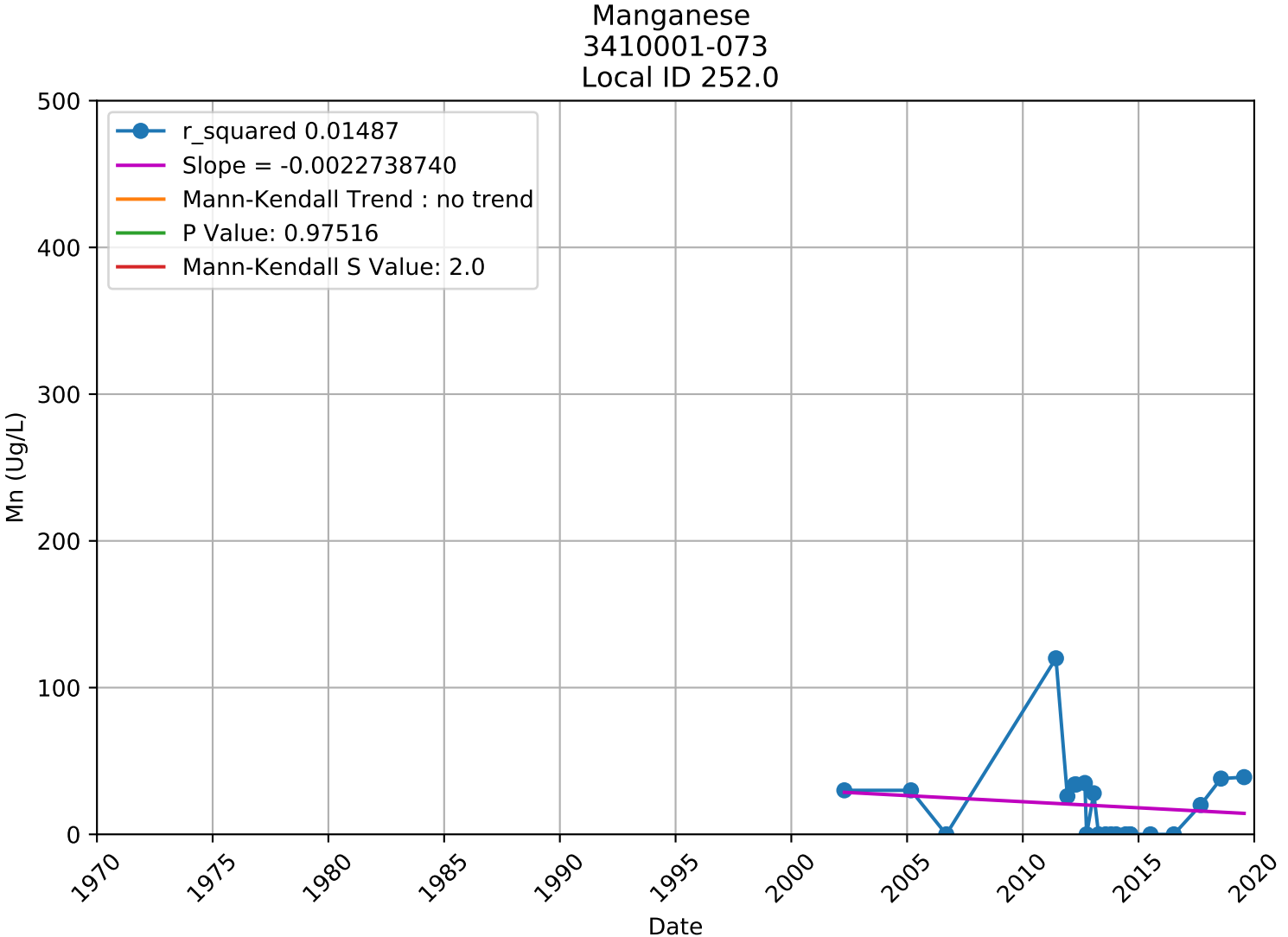

Manganese
3410001-067
Local ID 2.0
r_squared 0.22438
Slope = 0.0520681908
Mann-Kendall Trend : no trend
P Value: 0.68533
Mann-Kendall S Value: 10.0
Mn (Ug/L)
Date
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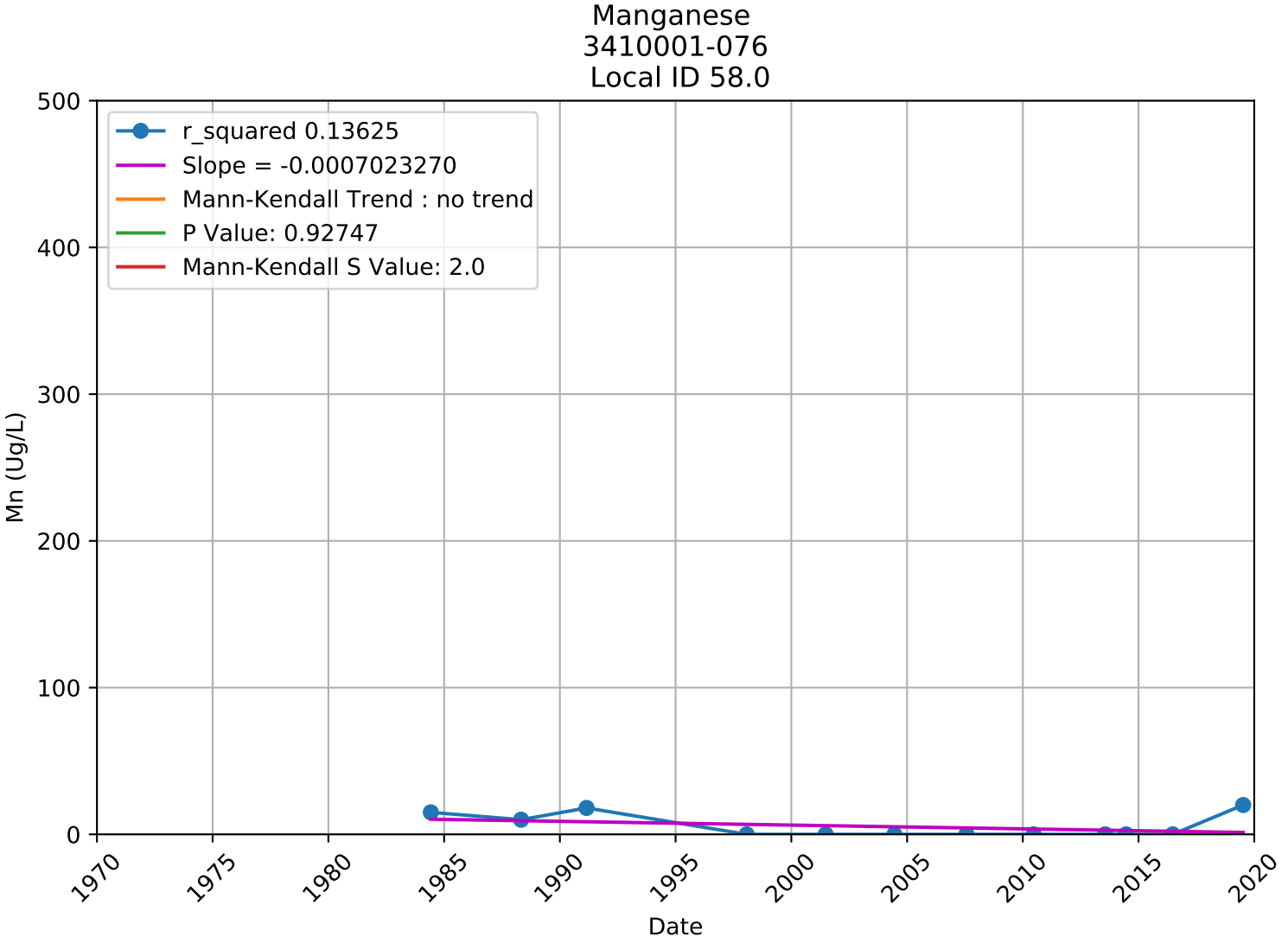

Manganese
3410001-069
Local ID 225.0
r_squared 0.00218
Slope = -0.0028553430
Mann-Kendall Trend : no trend
P Value: 0.08933
Mann-Kendall S Value: -37.0
Mn (Ug/L)
Date
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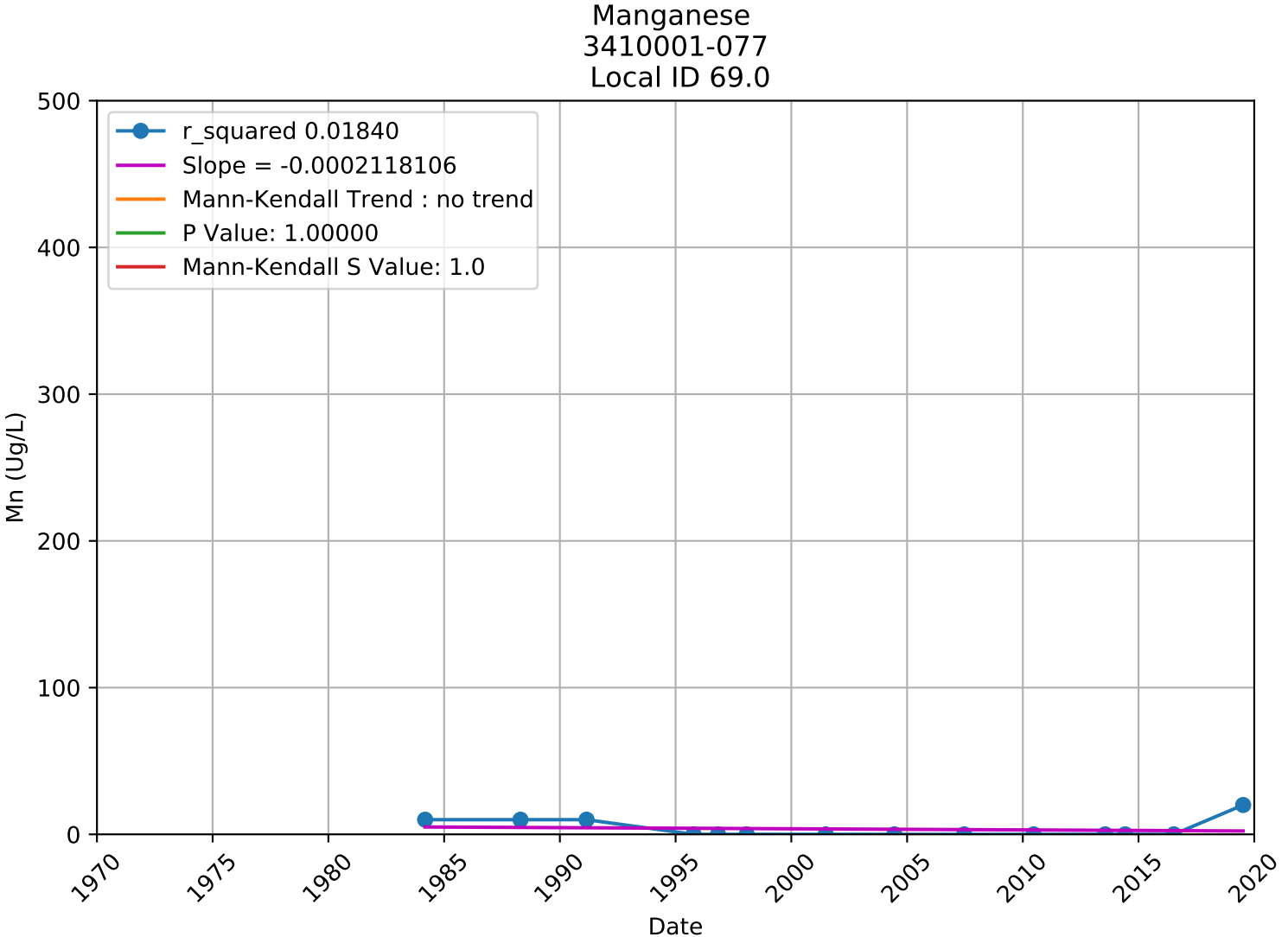

Manganese
3410001-070
Local ID 255.0
r_squared 0.02244
Slope = 0.0003006419
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
Mn (Ug/L)
Date
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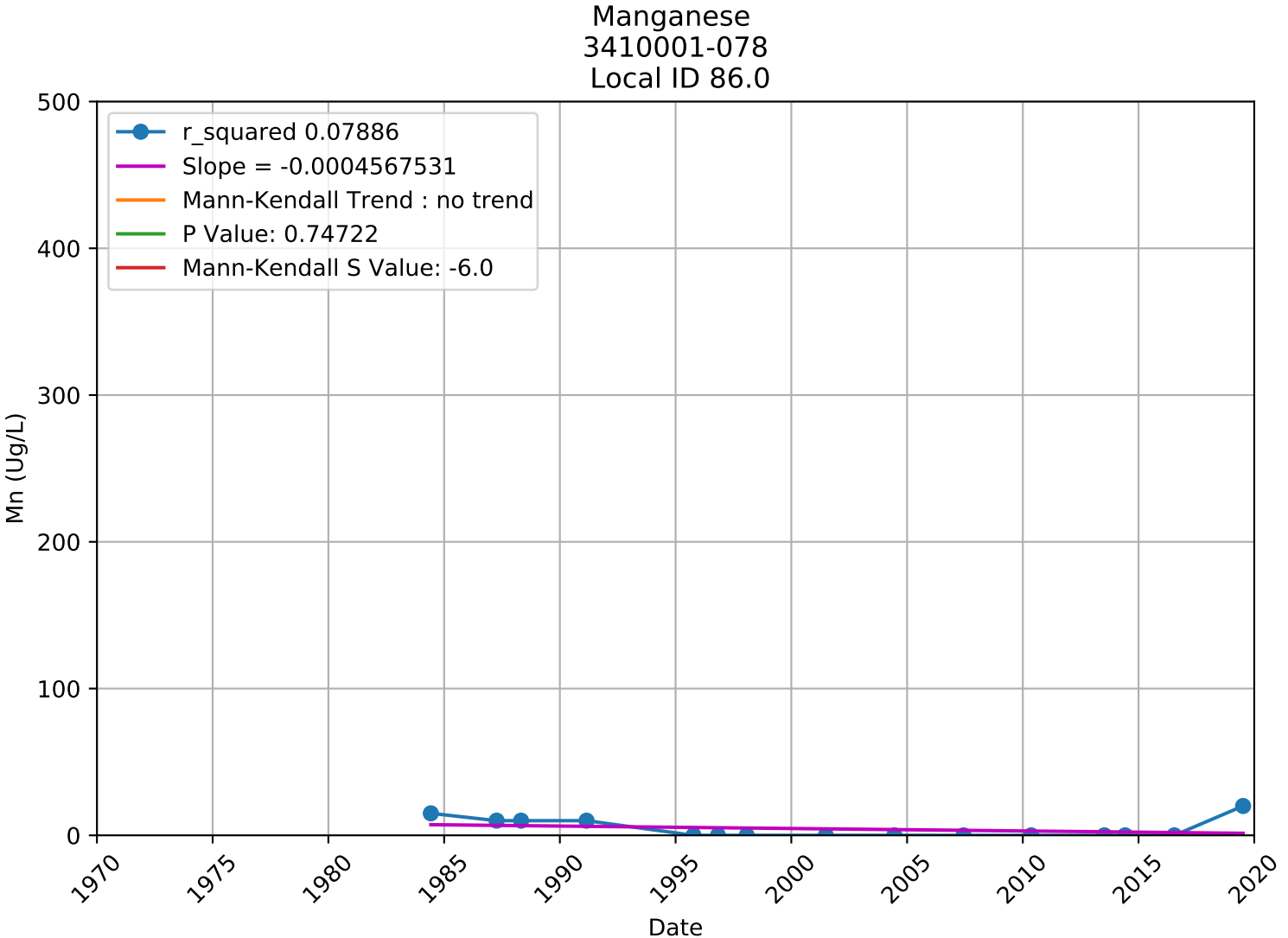

Manganese
3410001-071
Local ID 205.0
r_squared 0.01776
Slope = 0.0045984708
Mann-Kendall Trend : no trend
P Value: 0.97857
Mann-Kendall S Value: 5.0
Mn (Ug/L)
Date
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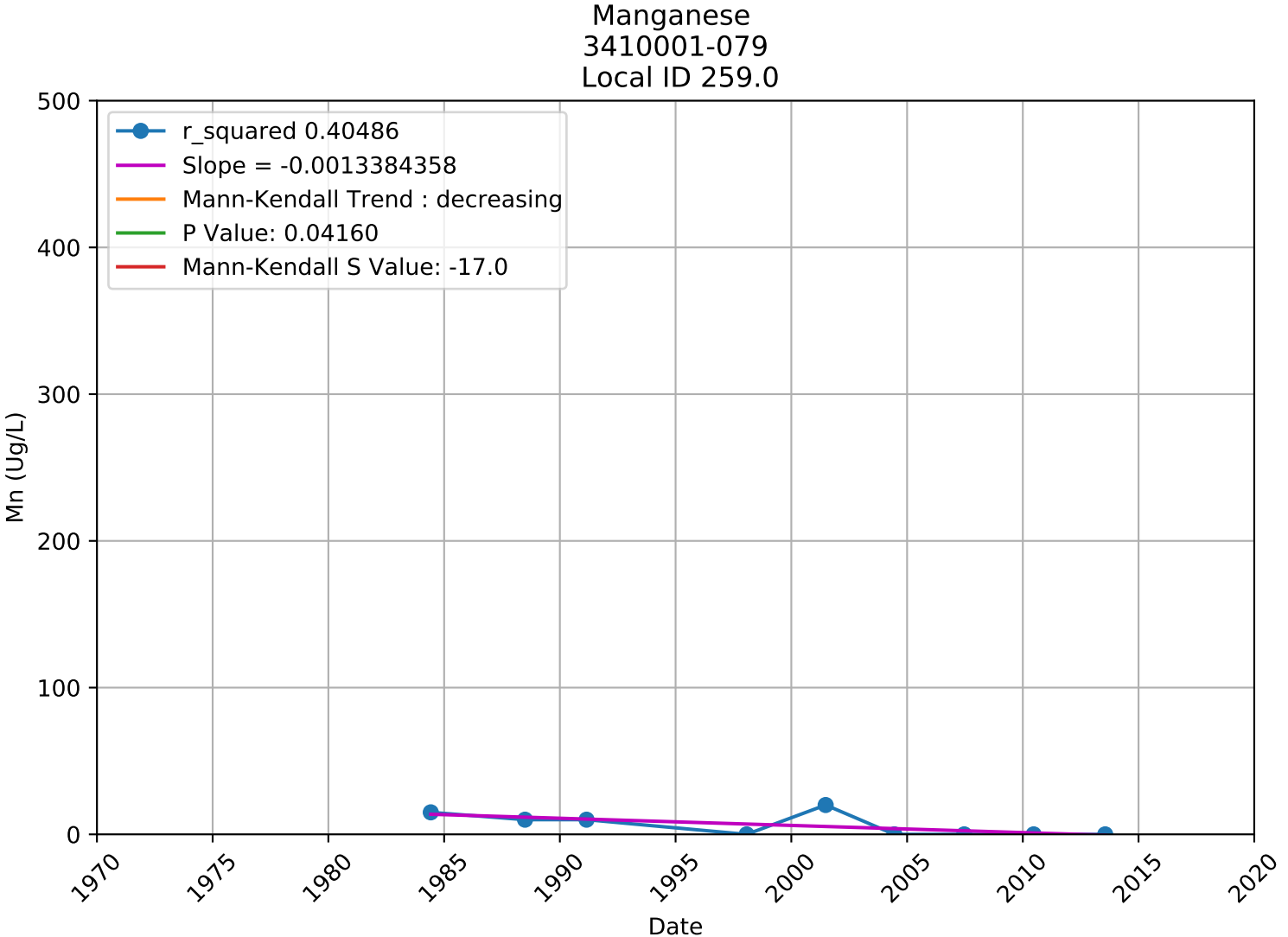

Manganese
3410001-072
Local ID 106.0
r_squared 0.11669
Slope = 0.0011395021
Mann-Kendall Trend : no trend
P Value: 0.12308
Mann-Kendall S Value: 17.0
Mn (Ug/L)
Date
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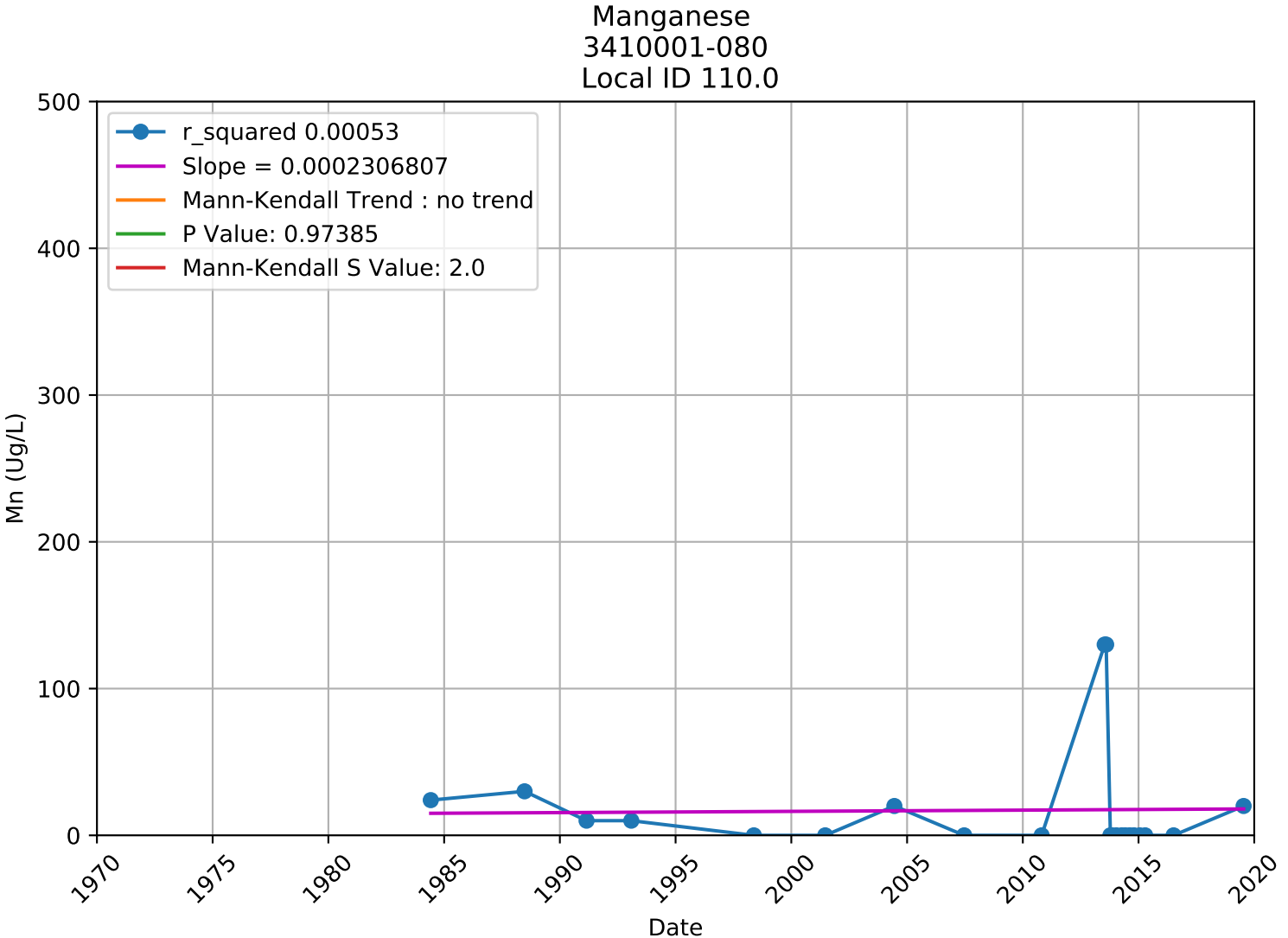

Manganese
3410001-073
Local ID 252.0
r_squared 0.01487
Slope = -0.0022738740
Mann-Kendall Trend : no trend
P Value: 0.97516
Mann-Kendall S Value: 2.0
Mn (Ug/L)
Date
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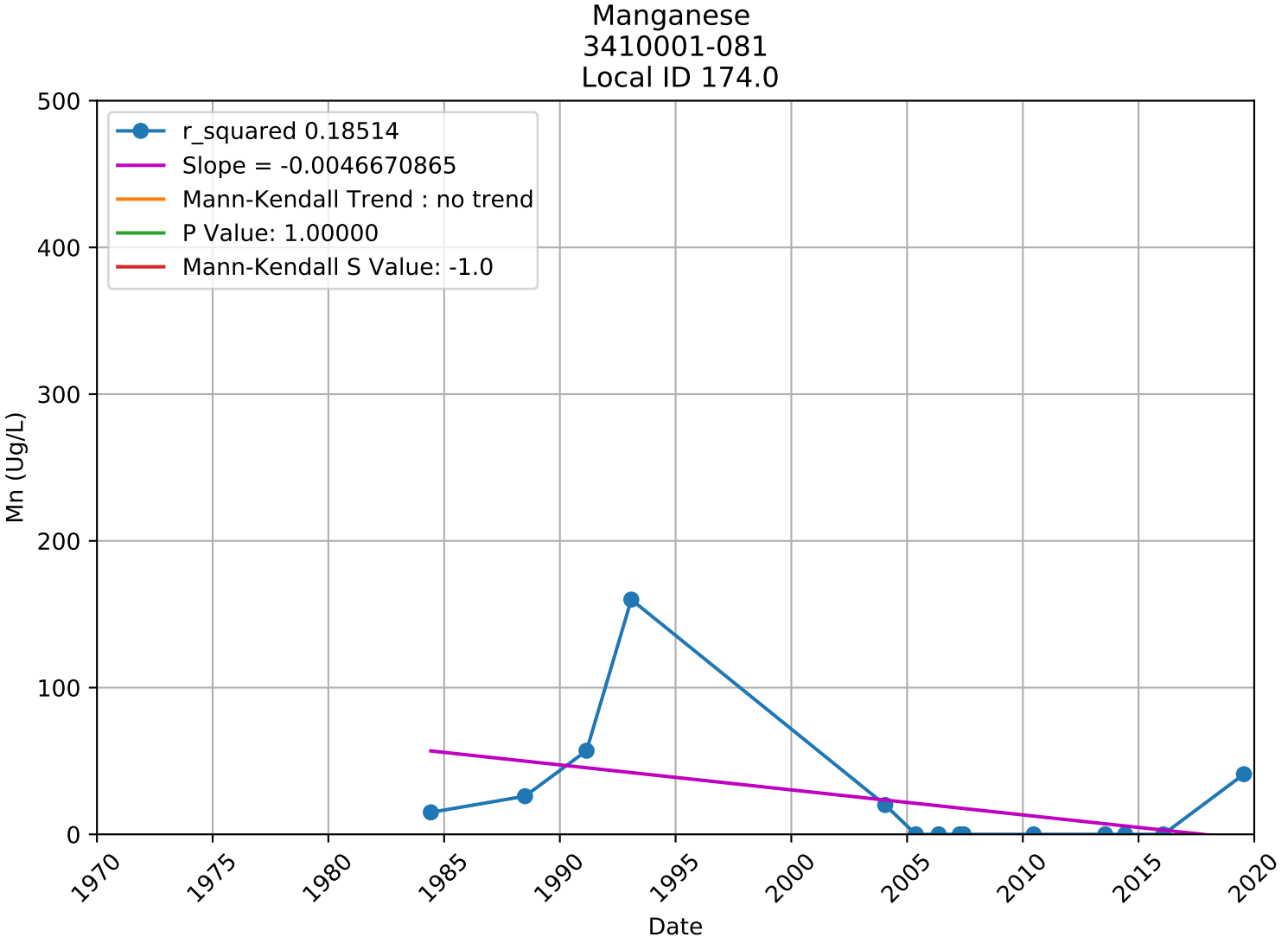

Manganese
3410001-076
Local ID 58.0
r_squared 0.13625
Slope = -0.0007023270
Mann-Kendall Trend : no trend
P Value: 0.92747
Mann-Kendall S Value: 2.0
Mn (Ug/L)
Date
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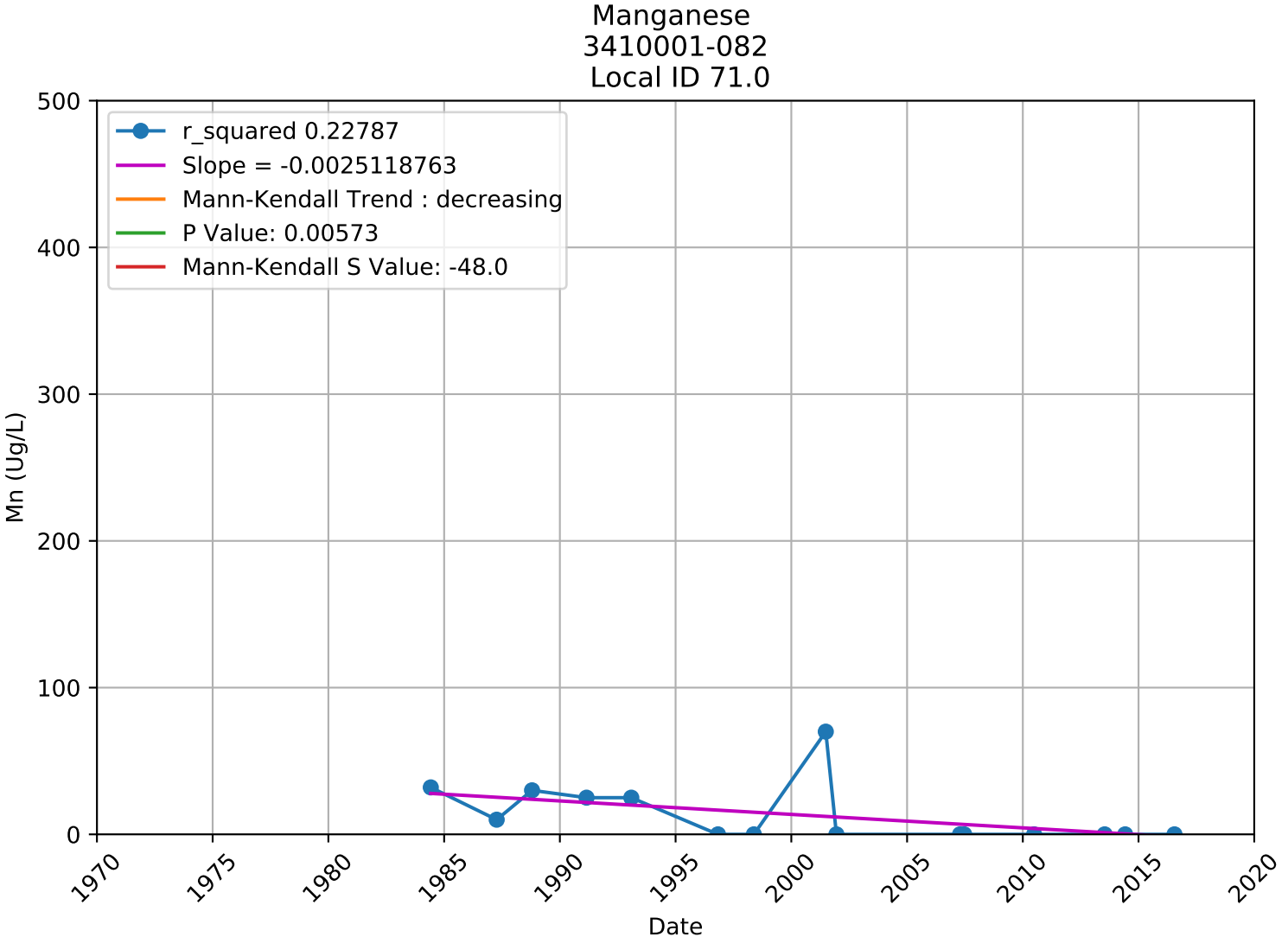

Manganese
3410001-077
Local ID 69.0
r_squared 0.01840
Slope = -0.0002118106
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
Mn (Ug/L)
Date
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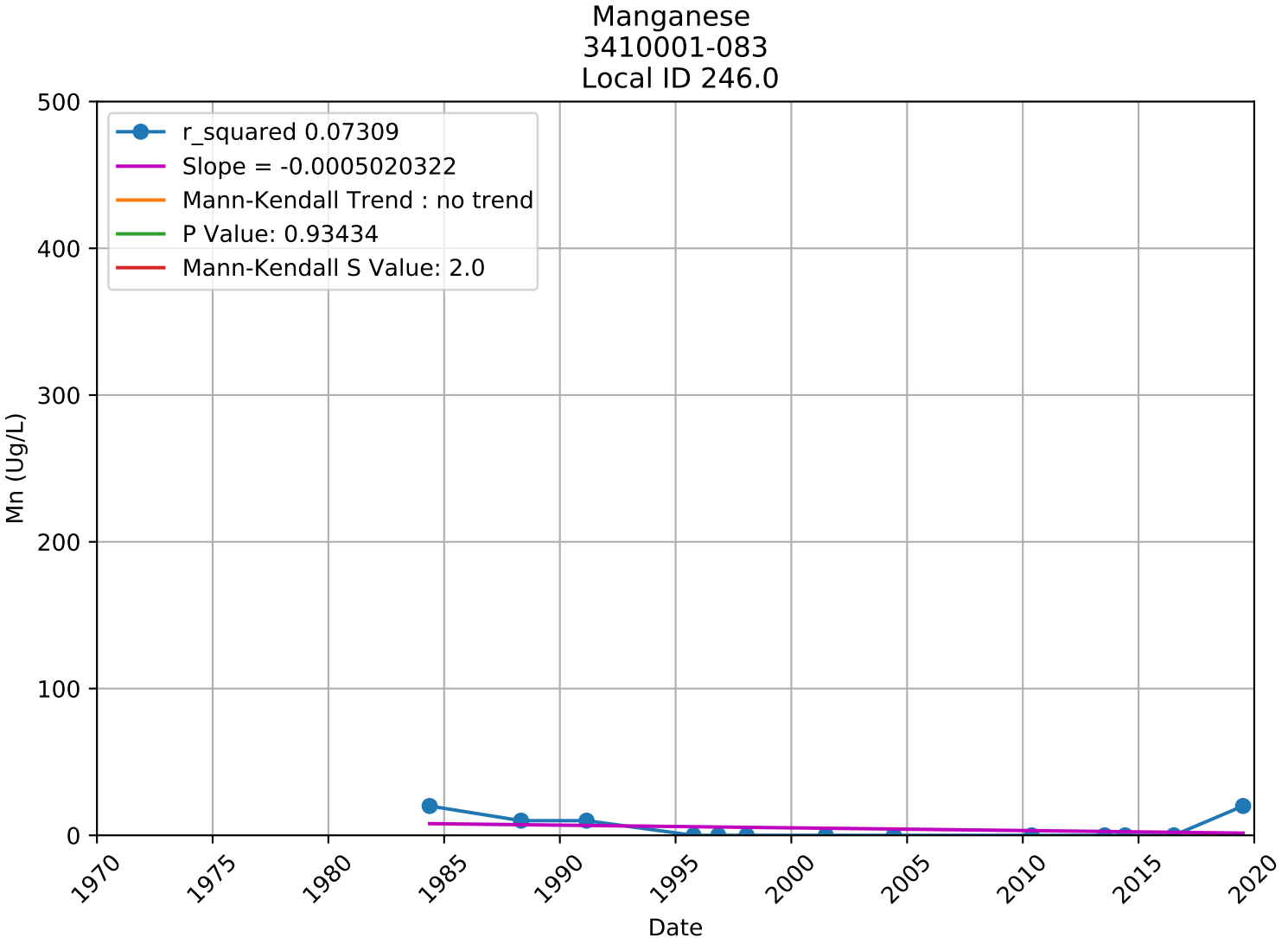

Manganese
3410001-078
Local ID 86.0
r_squared 0.07886
Slope = -0.0004567531
Mann-Kendall Trend : no trend
P Value: 0.74722
Mann-Kendall S Value: -6.0
Mn (Ug/L)
Date
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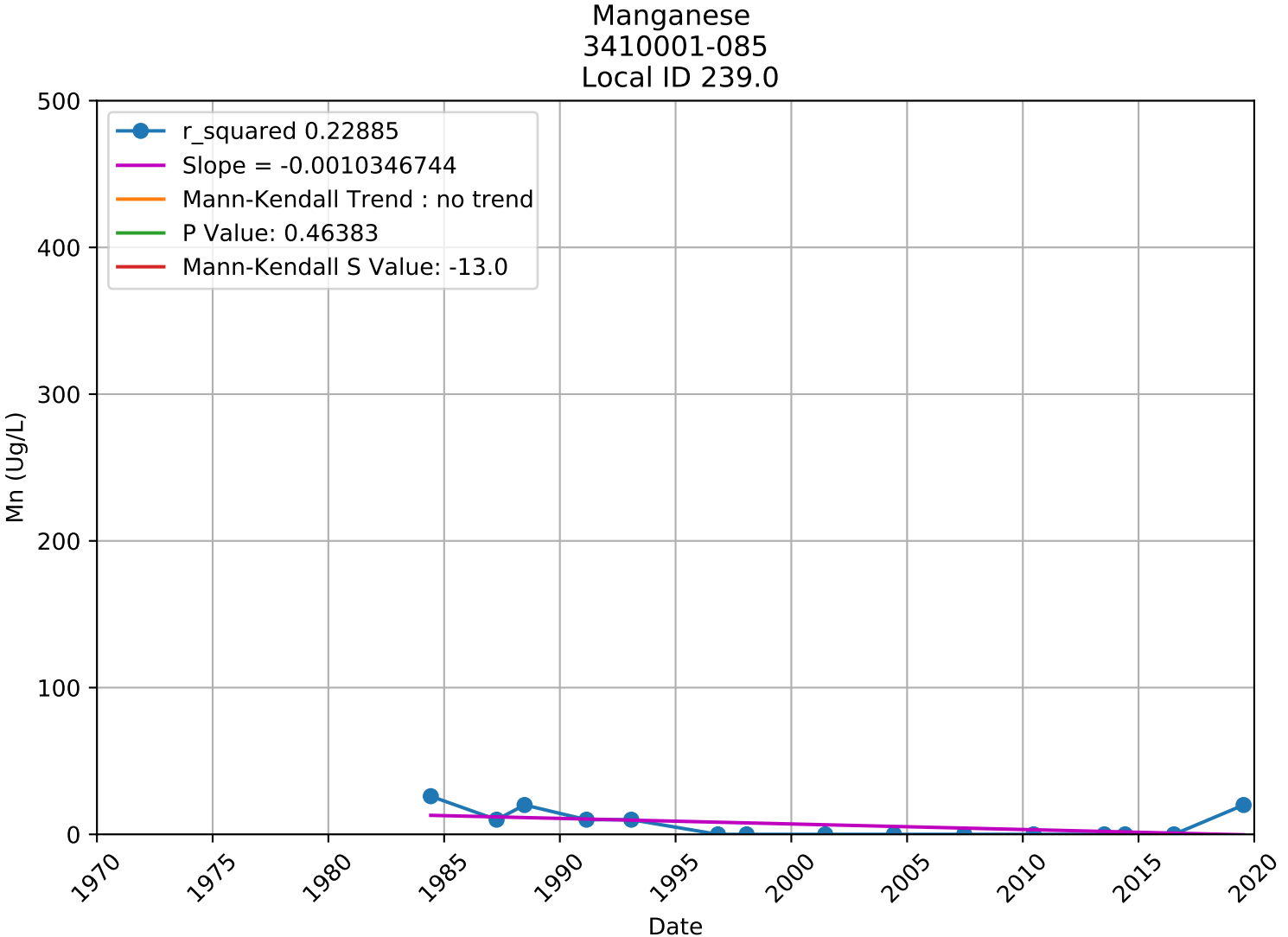

Manganese
3410001-079
Local ID 259.0
r_squared 0.40486
Slope = -0.0013384358
Mann-Kendall Trend : decreasing
P Value: 0.04160
Mann-Kendall S Value: -17.0
Mn (Ug/L)
Date
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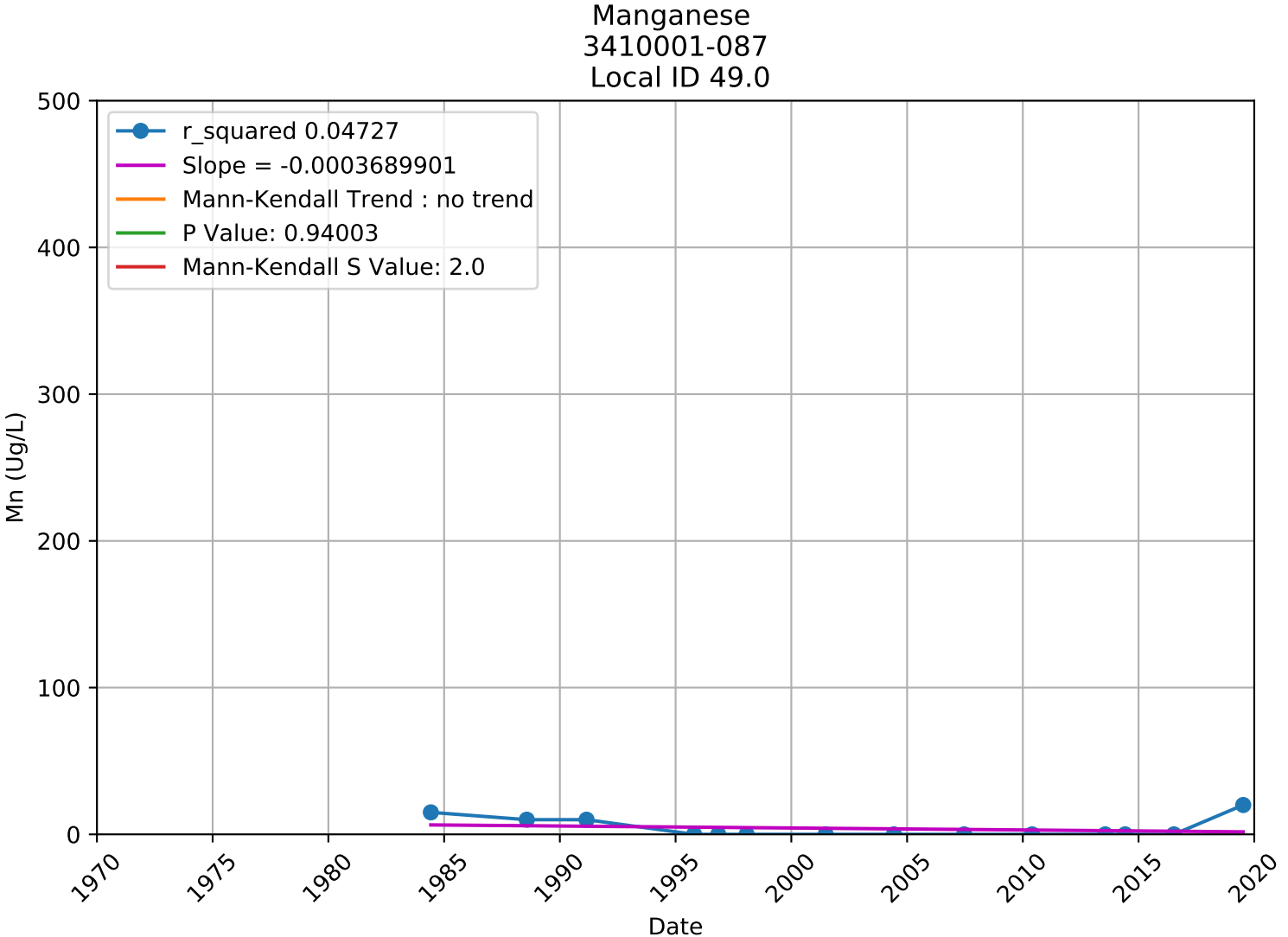

Manganese
3410001-080
Local ID 110.0
r_squared 0.00053
Slope = 0.0002306807
Mann-Kendall Trend : no trend
P Value: 0.97385
Mann-Kendall S Value: 2.0
Mn (Ug/L)
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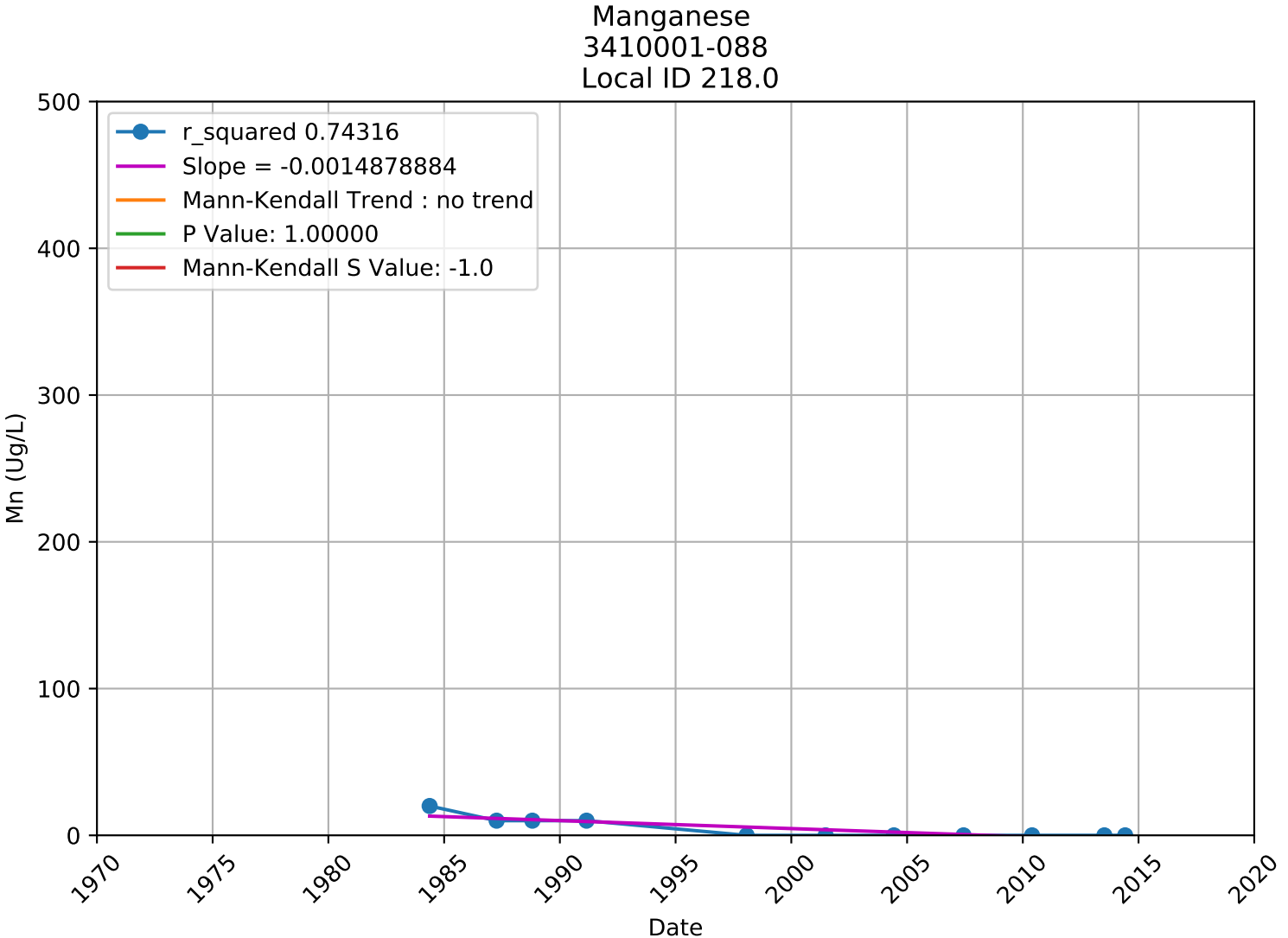

Manganese
3410001-081
Local ID 174.0
r_squared 0.18514
Slope = -0.0046670865
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
Mn (Ug/L)
Date
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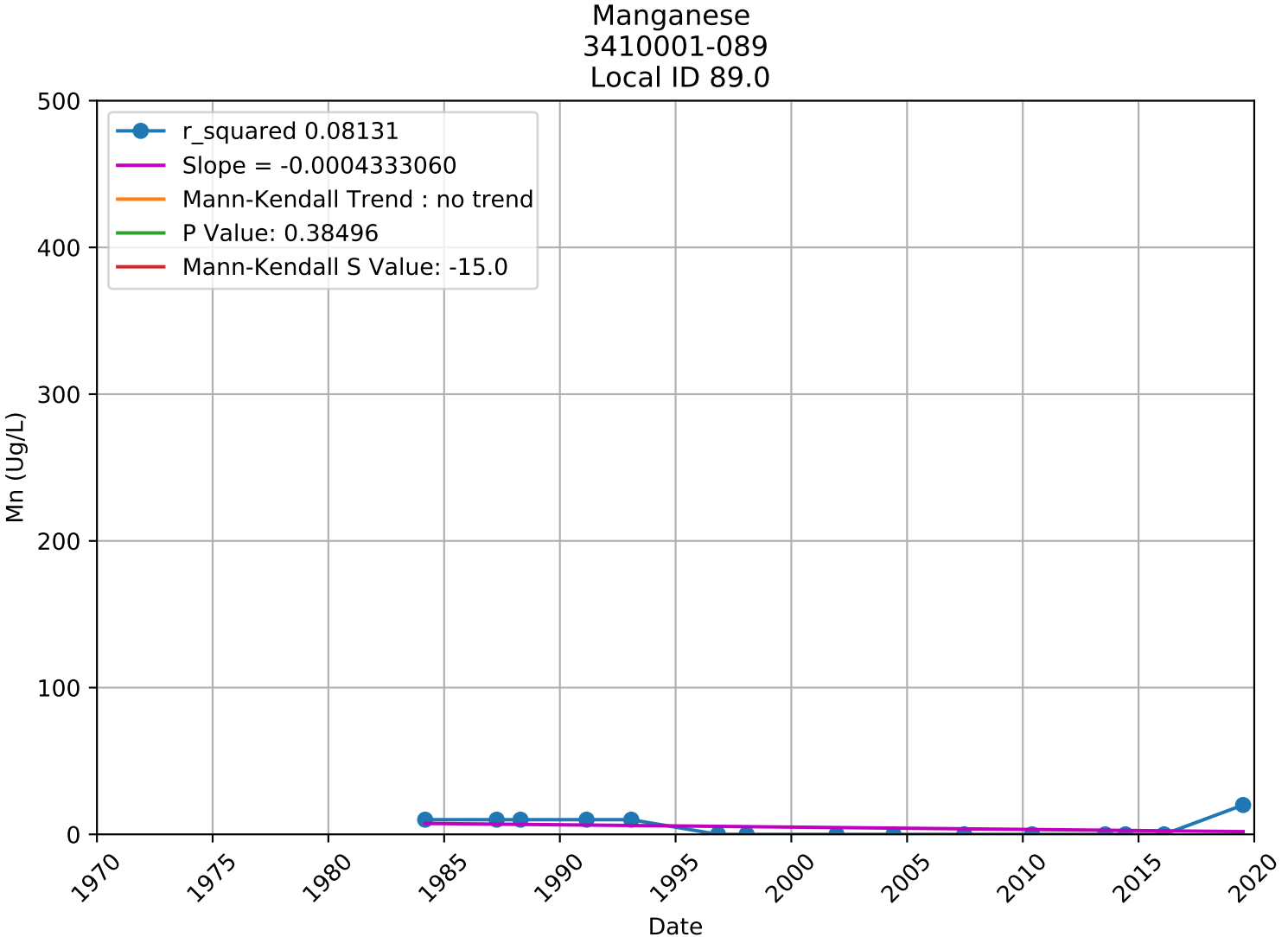

Manganese
3410001-082
Local ID 71.0
r_squared 0.22787
Slope = -0.0025118763
Mann-Kendall Trend : decreasing
P Value: 0.00573
Mann-Kendall S Value: -48.0
Mn (Ug/L)
Date
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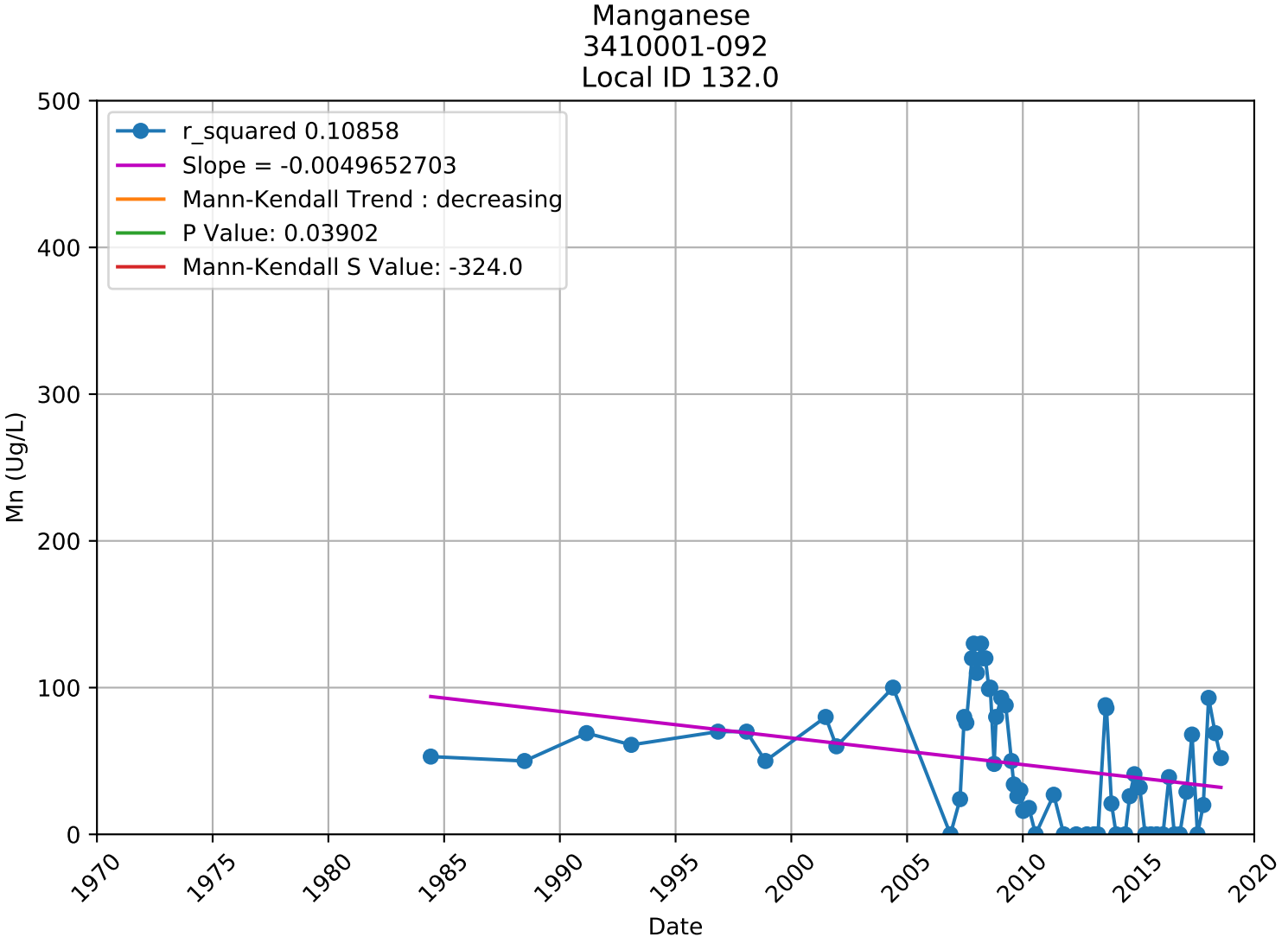

Manganese
3410001-083
Local ID 246.0
r_squared 0.07309
Slope = -0.0005020322
Mann-Kendall Trend : no trend
P Value: 0.93434
Mann-Kendall S Value: 2.0
Mn (Ug/L)
Date
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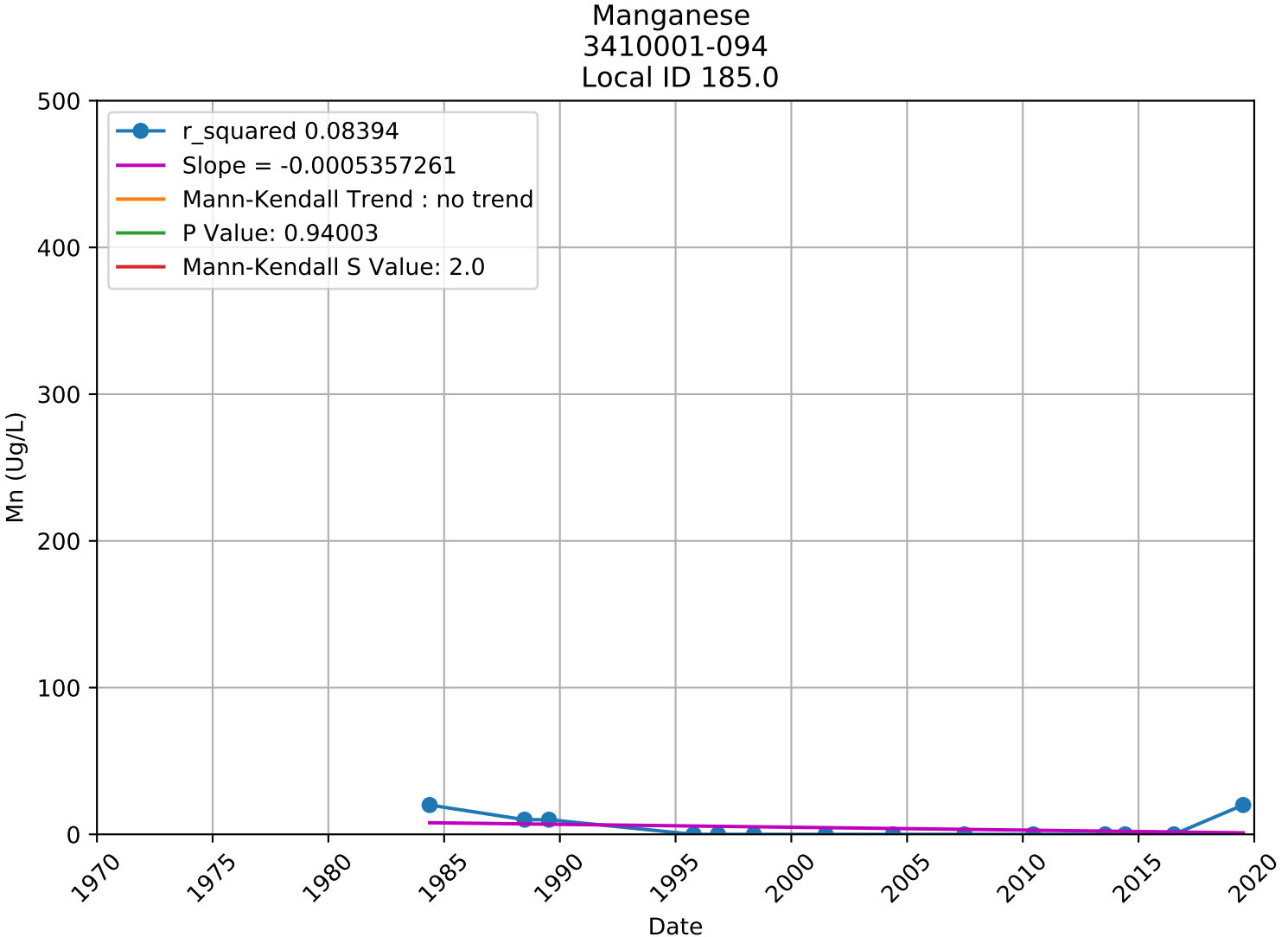

Manganese
3410001-085
Local ID 239.0
r_squared 0.22885
Slope = -0.0010346744
Mann-Kendall Trend : no trend
P Value: 0.46383
Mann-Kendall S Value: -13.0
Mn (Ug/L)
Date
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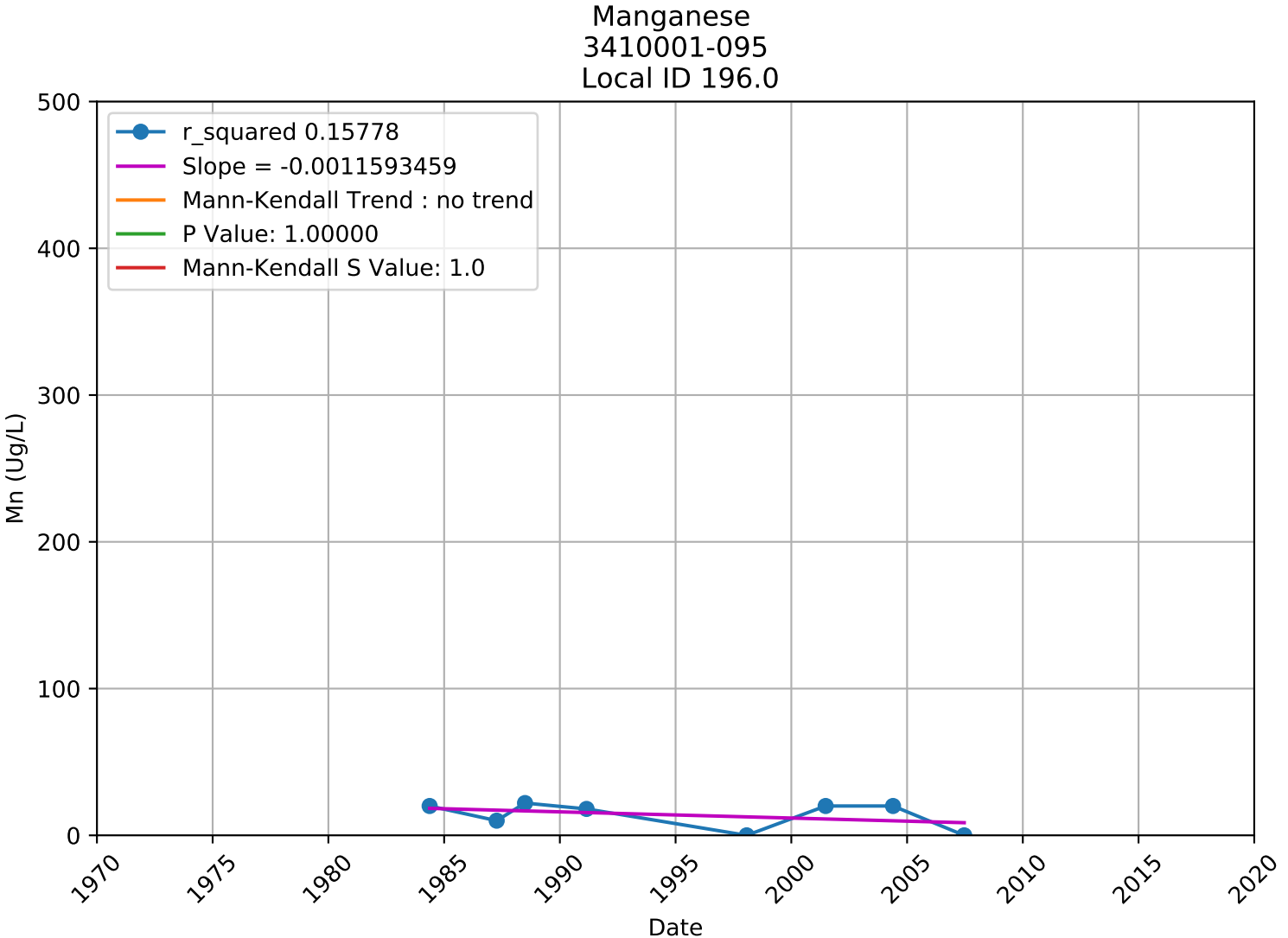

Manganese
3410001-087
Local ID 49.0
r_squared 0.04727
Slope = -0.0003689901
Mann-Kendall Trend : no trend
P Value: 0.94003
Mann-Kendall S Value: 2.0
Mn (Ug/L)
Date
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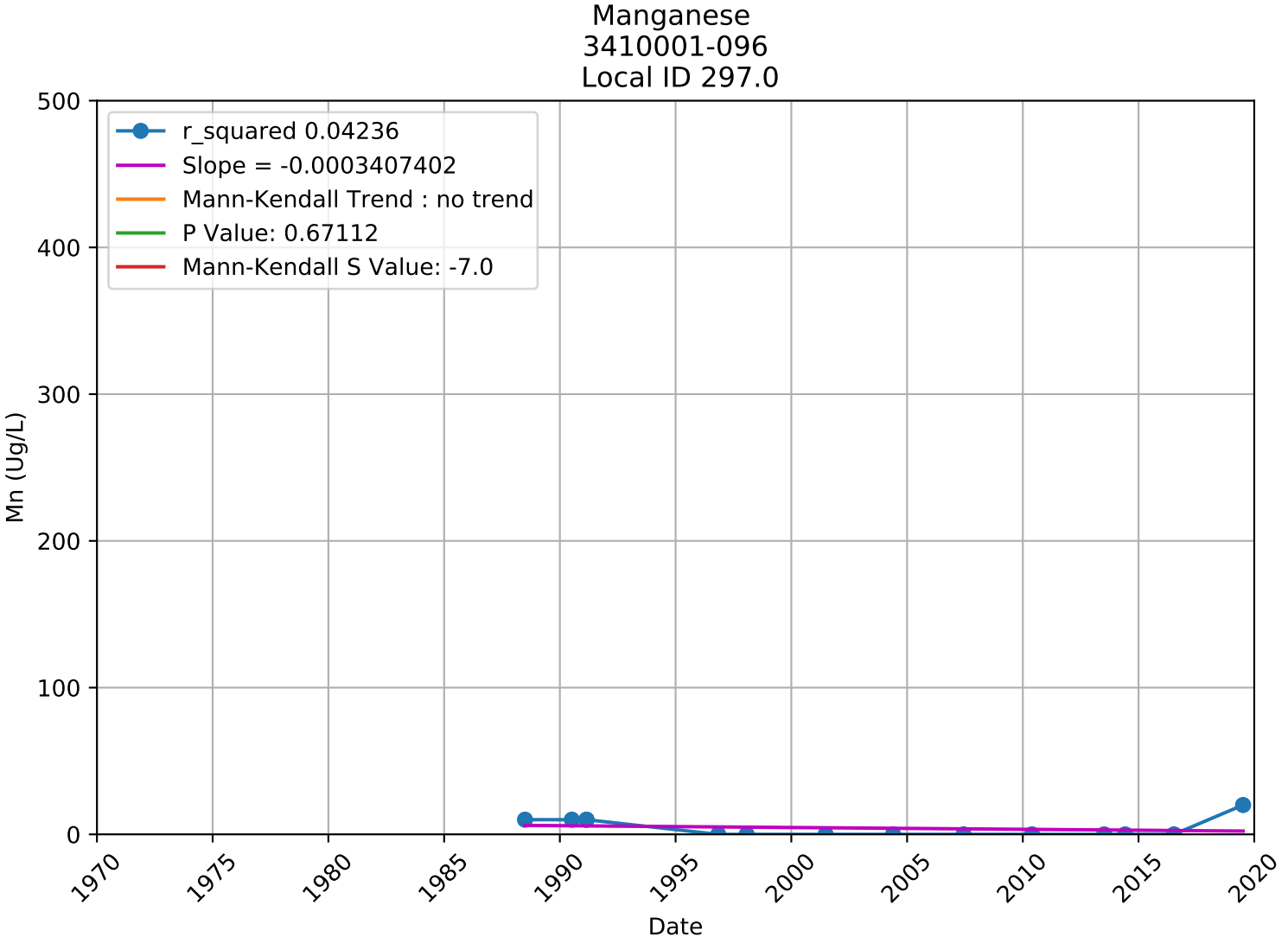

Manganese
3410001-088
Local ID 218.0
r_squared 0.74316
Slope = -0.0014878884
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
Mn (Ug/L)
Date
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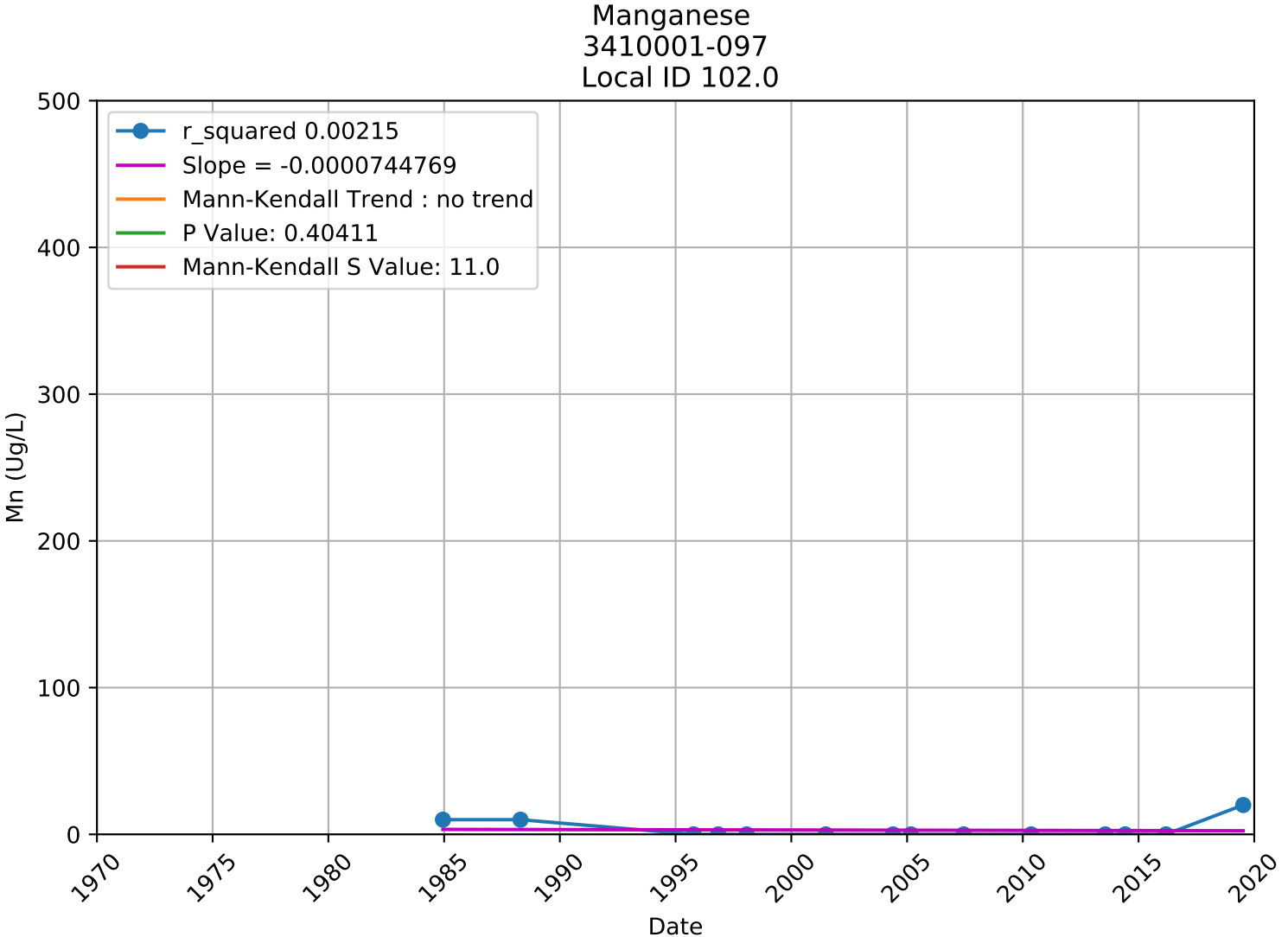

Manganese
3410001-089
Local ID 89.0
r_squared 0.08131
Slope = -0.0004333060
Mann-Kendall Trend : no trend
P Value: 0.38496
Mann-Kendall S Value: -15.0
Mn (Ug/L)
Date
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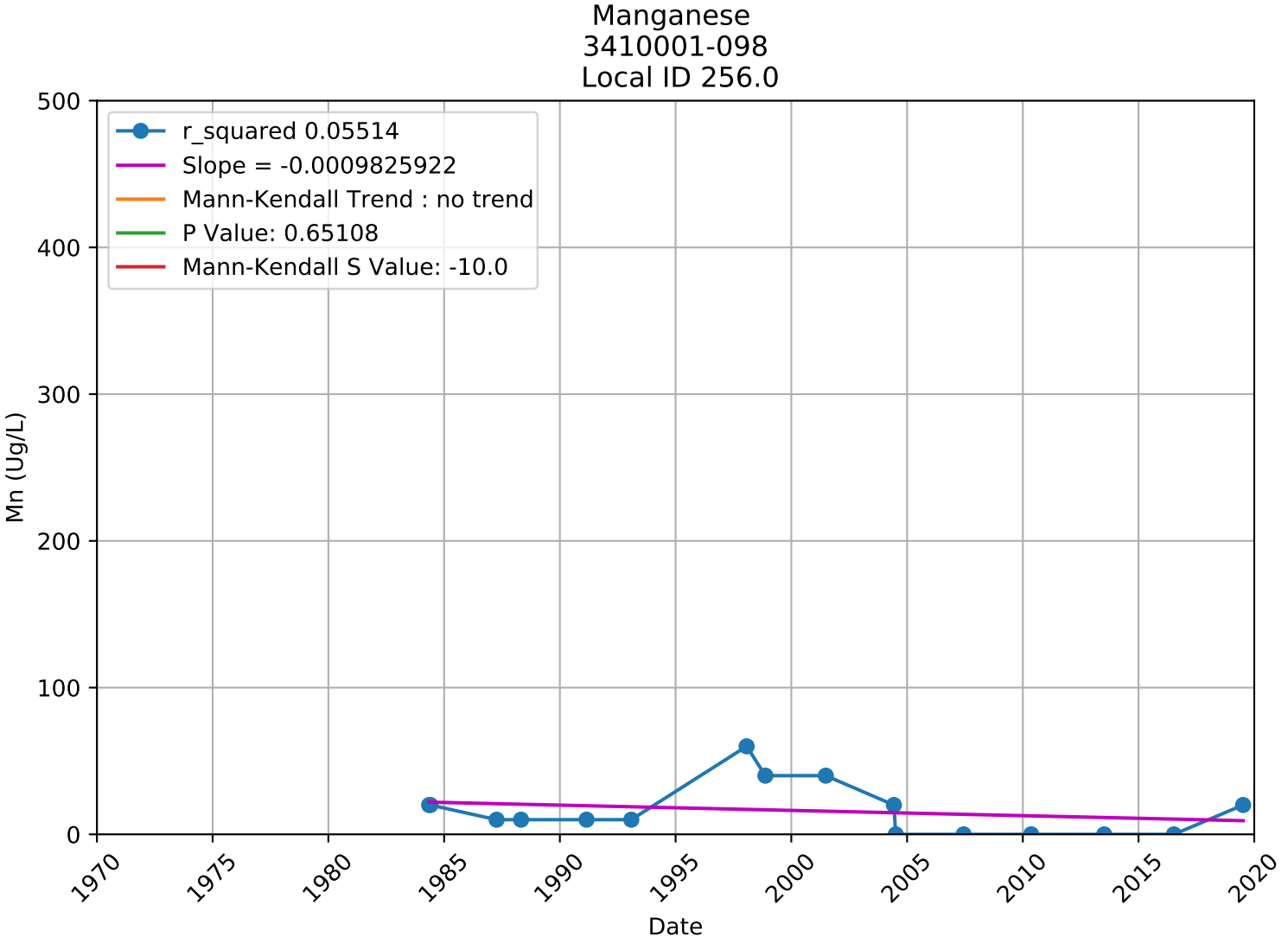

Manganese
3410001-092
Local ID 132.0
r_squared 0.10858
Slope = -0.0049652703
Mann-Kendall Trend : decreasing
P Value: 0.03902
Mann-Kendall S Value: -324.0
Mn (Ug/L)
Date
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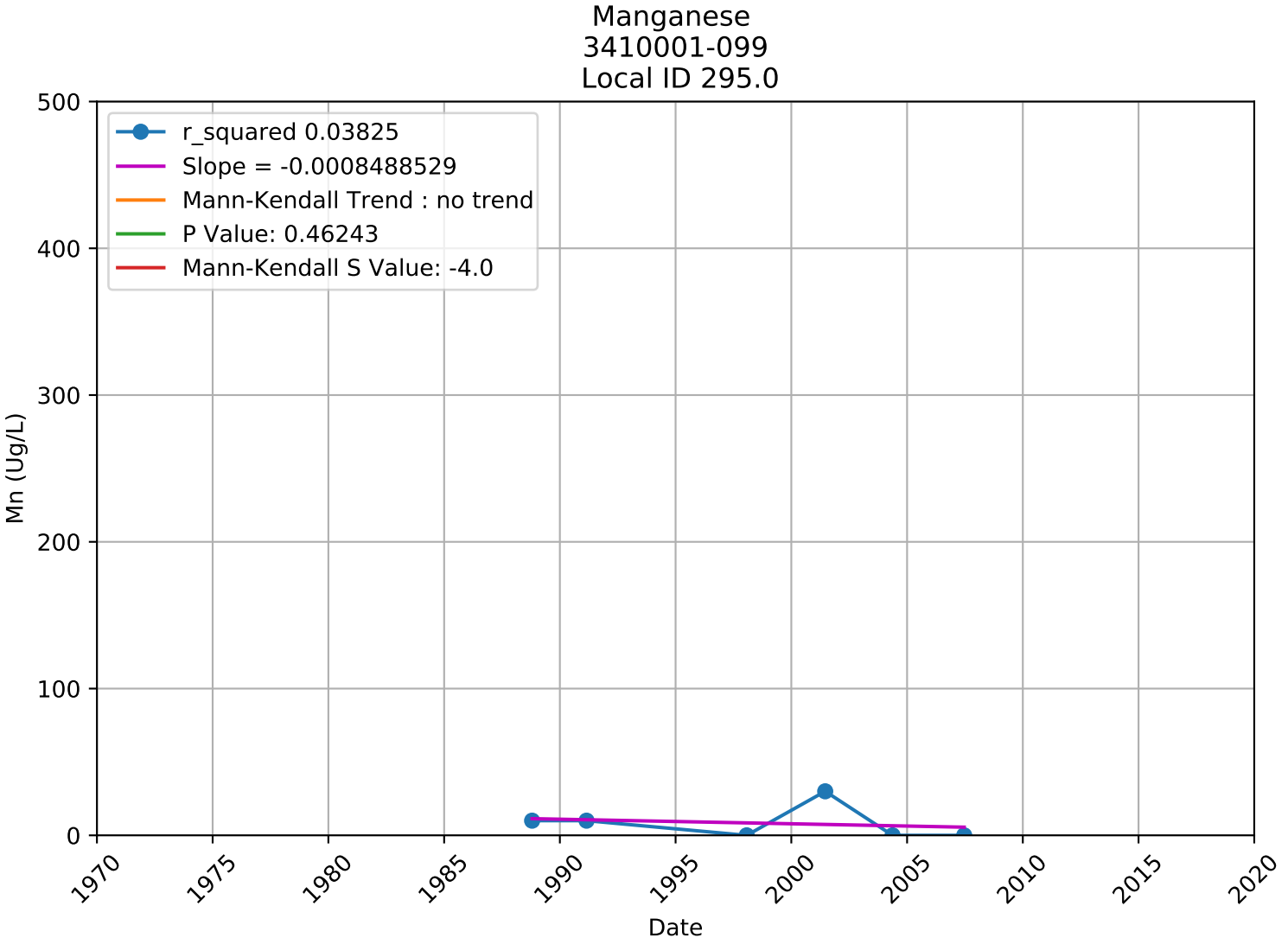

Manganese
3410001-094
Local ID 185.0
r_squared 0.08394
Slope = -0.0005357261
Mann-Kendall Trend : no trend
P Value: 0.94003
Mann-Kendall S Value: 2.0
Mn (Ug/L)
Date
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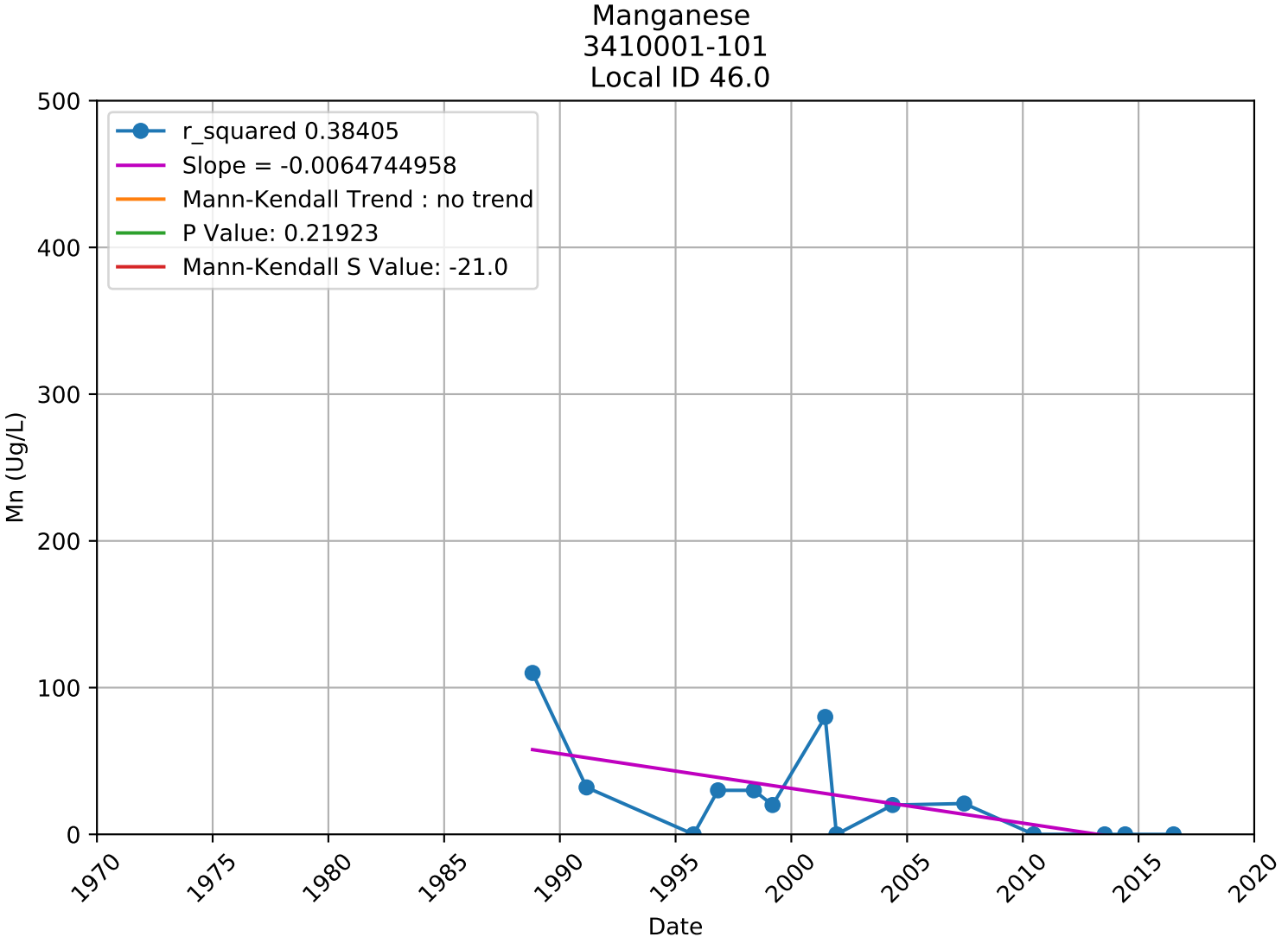

Manganese
3410001-095
Local ID 196.0
r_squared 0.15778
Slope = -0.0011593459
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
Mn (Ug/L)
Date
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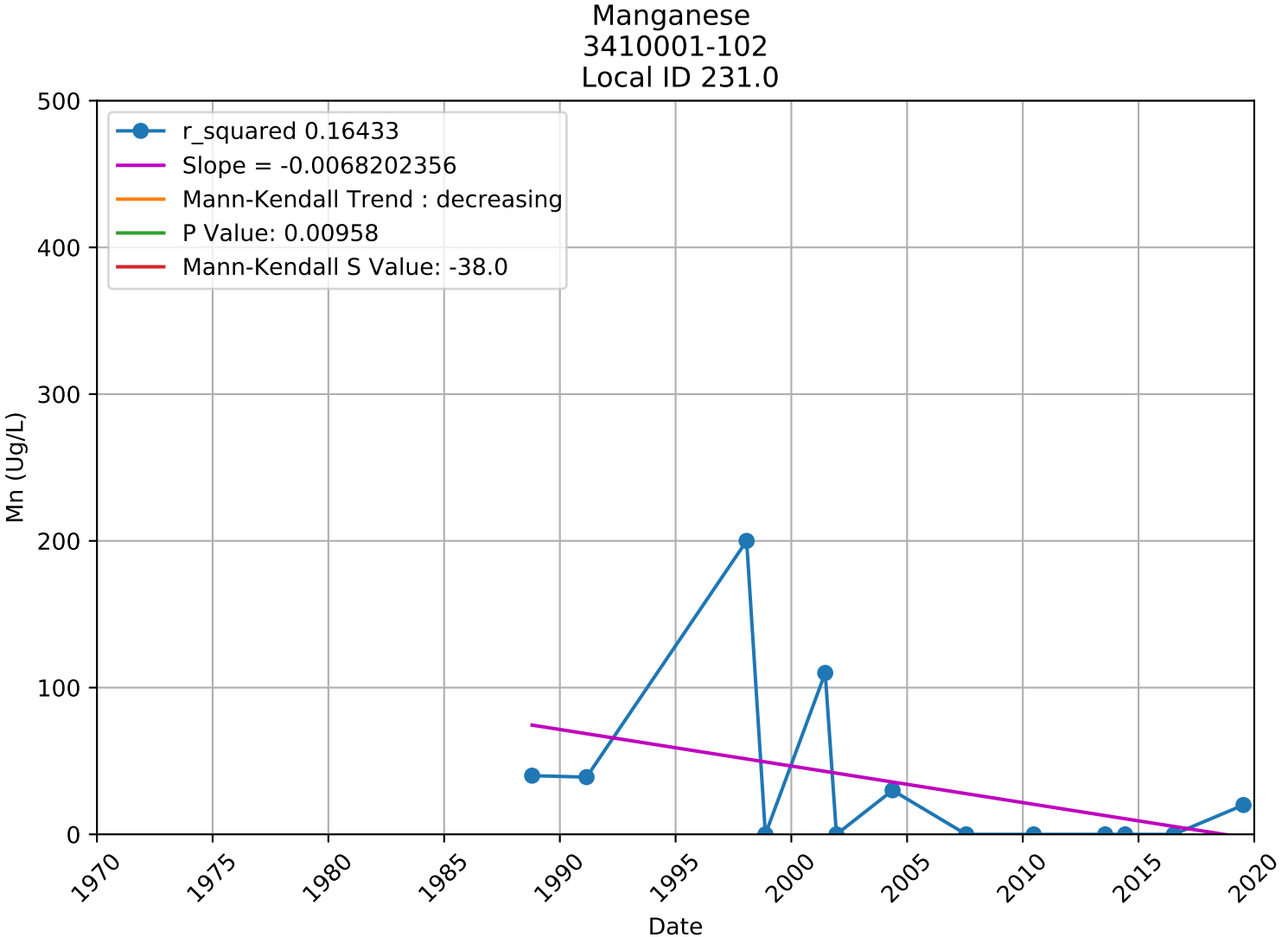

Manganese
3410001-096
Local ID 297.0
r_squared 0.04236
Slope = -0.0003407402
Mann-Kendall Trend : no trend
P Value: 0.67112
Mann-Kendall S Value: -7.0
Mn (Ug/L)
Date
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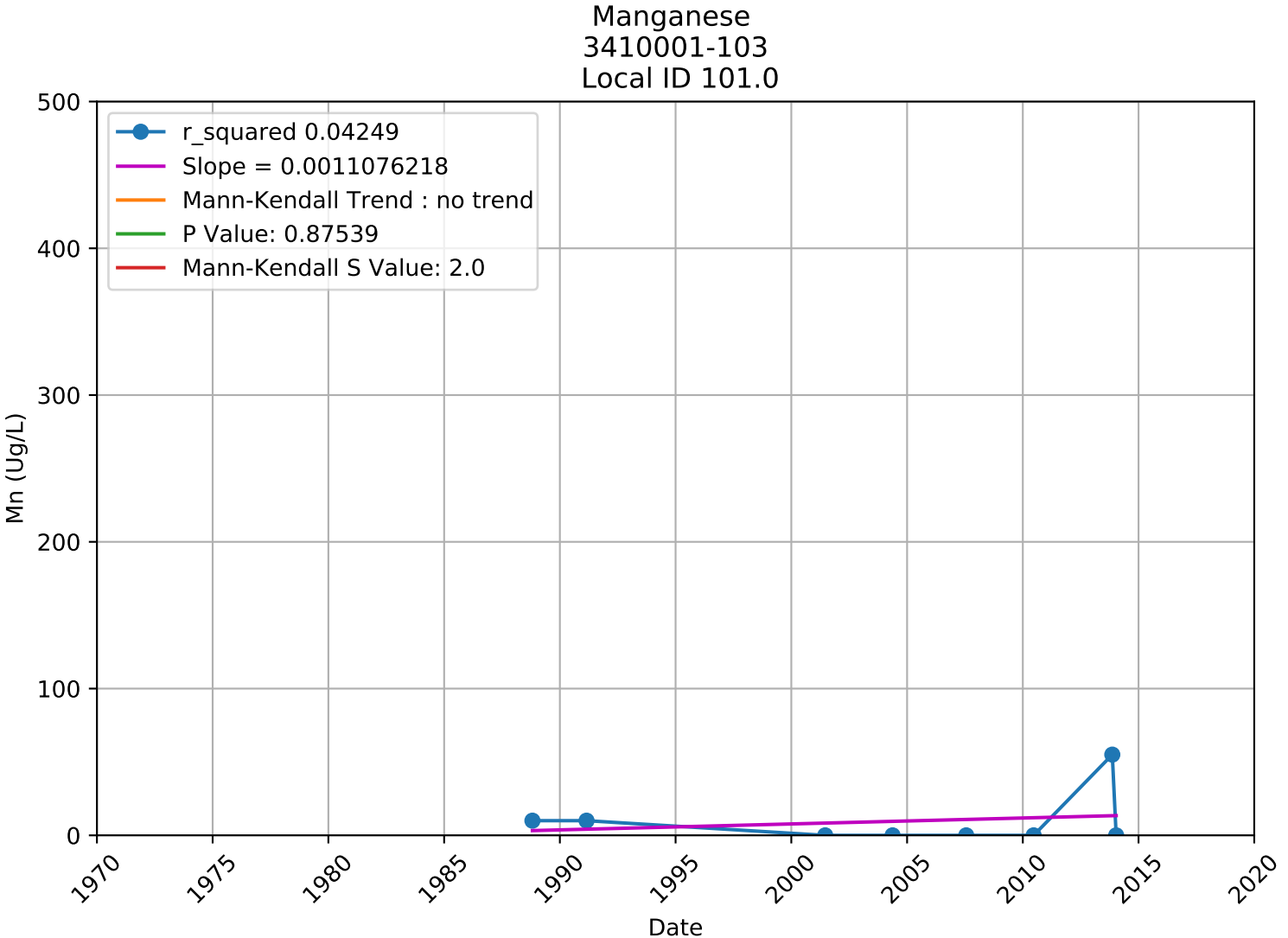

Manganese
3410001-097
Local ID 102.0
r_squared 0.00215
Slope = -0.0000744769
Mann-Kendall Trend : no trend
P Value: 0.40411
Mann-Kendall S Value: 11.0
Mn (Ug/L)
Date
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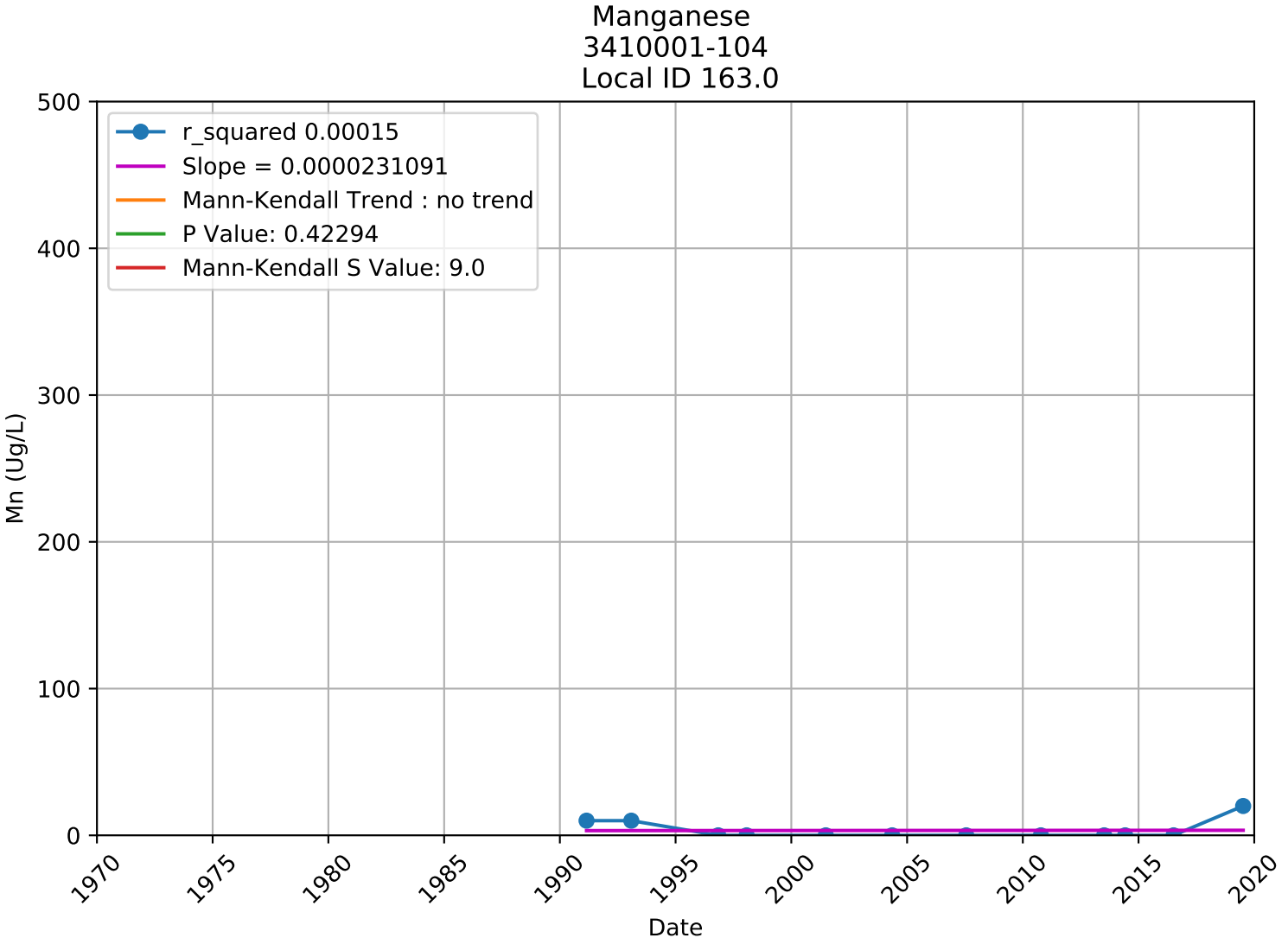

Manganese
3410001-098
Local ID 256.0
r_squared 0.05514
Slope = -0.0009825922
Mann-Kendall Trend : no trend
P Value: 0.65108
Mann-Kendall S Value: -10.0
Mn (Ug/L)
Date
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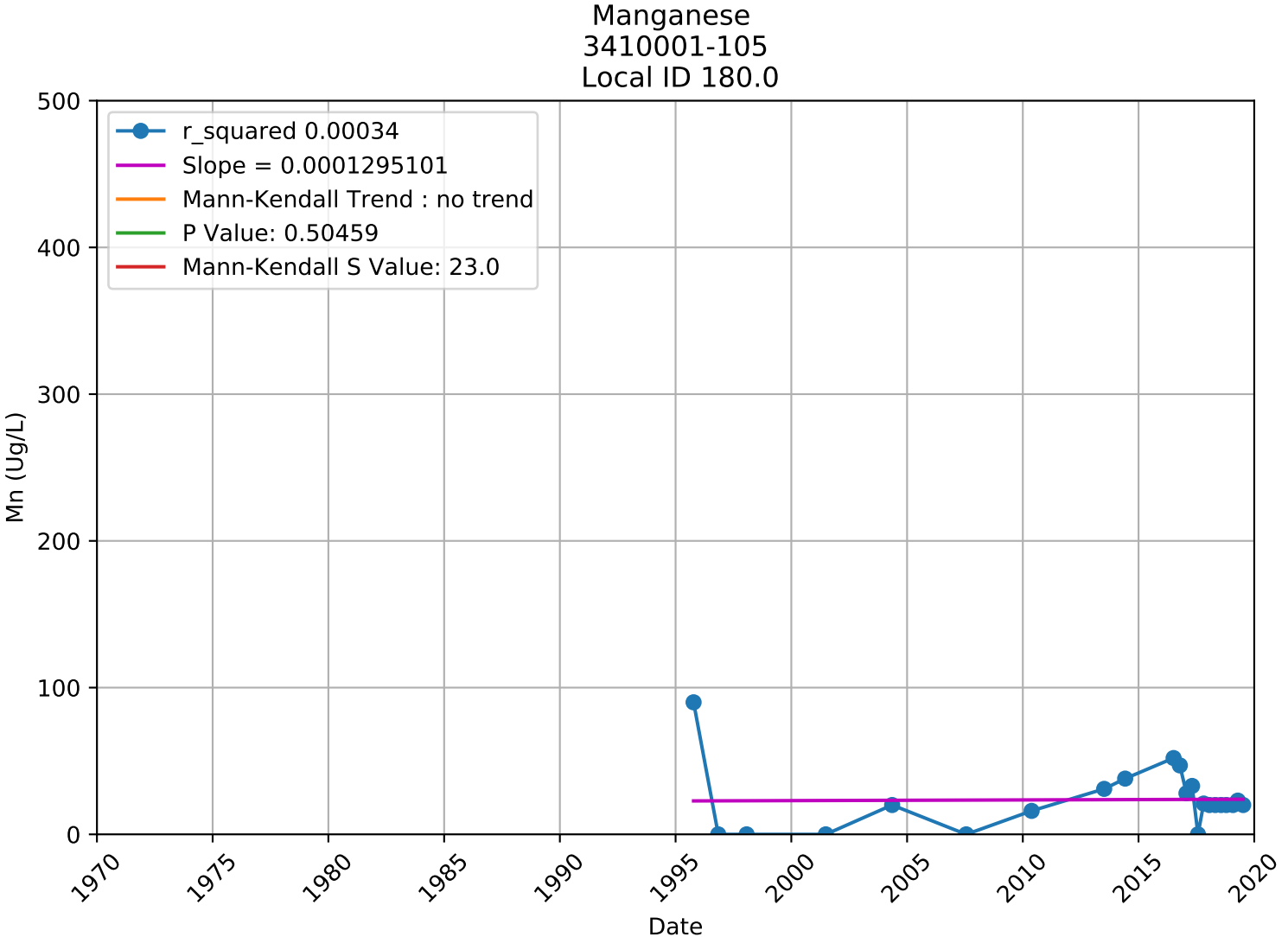

Manganese
3410001-099
Local ID 295.0
r_squared 0.03825
Slope = -0.0008488529
Mann-Kendall Trend : no trend
P Value: 0.46243
Mann-Kendall S Value: -4.0
Mn (Ug/L)
Date
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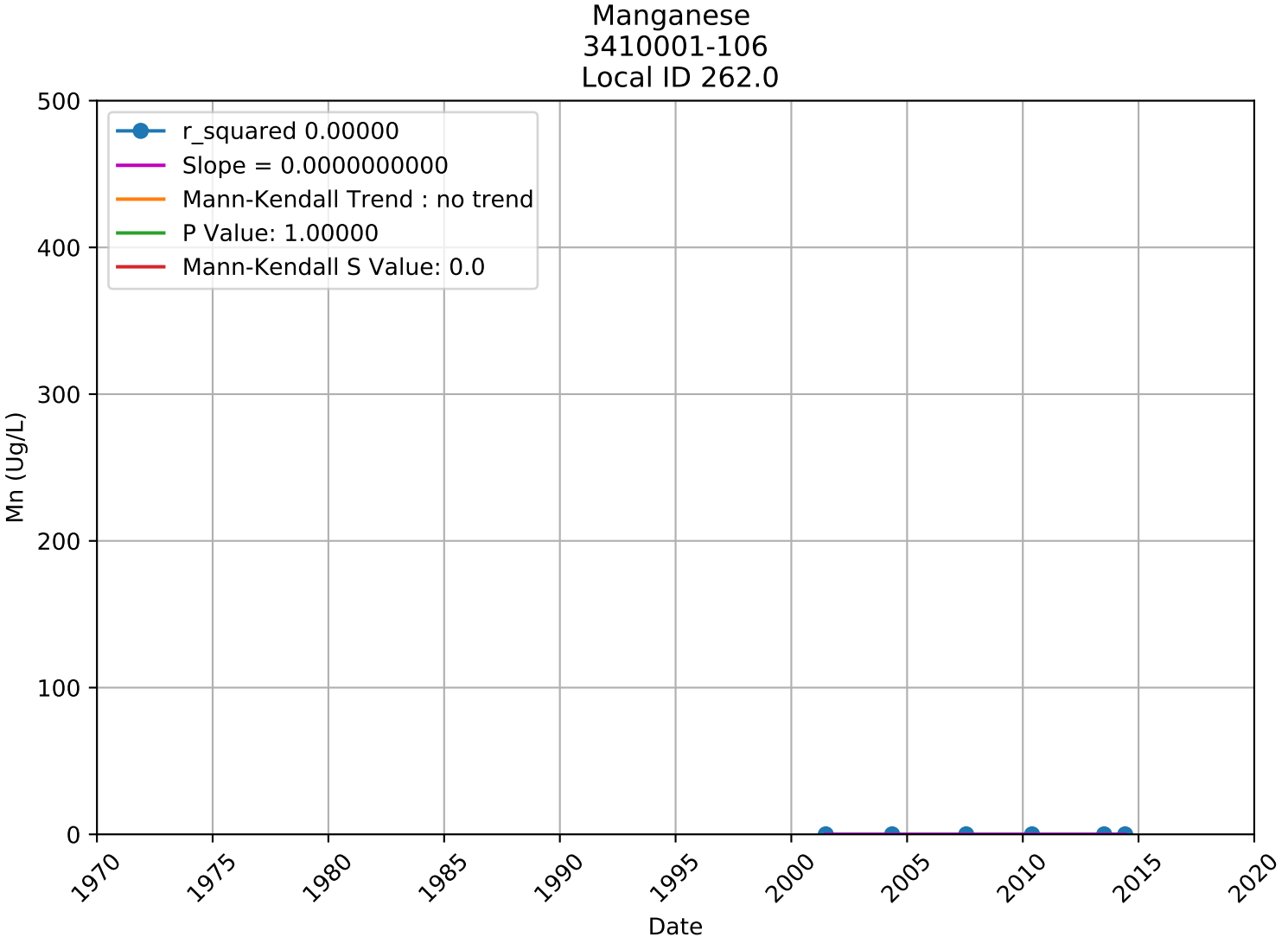

Manganese
3410001-101
Local ID 46.0
r_squared 0.38405
Slope = -0.0064744958
Mann-Kendall Trend : no trend
P Value: 0.21923
Mann-Kendall S Value: -21.0
Mn (Ug/L)
Date
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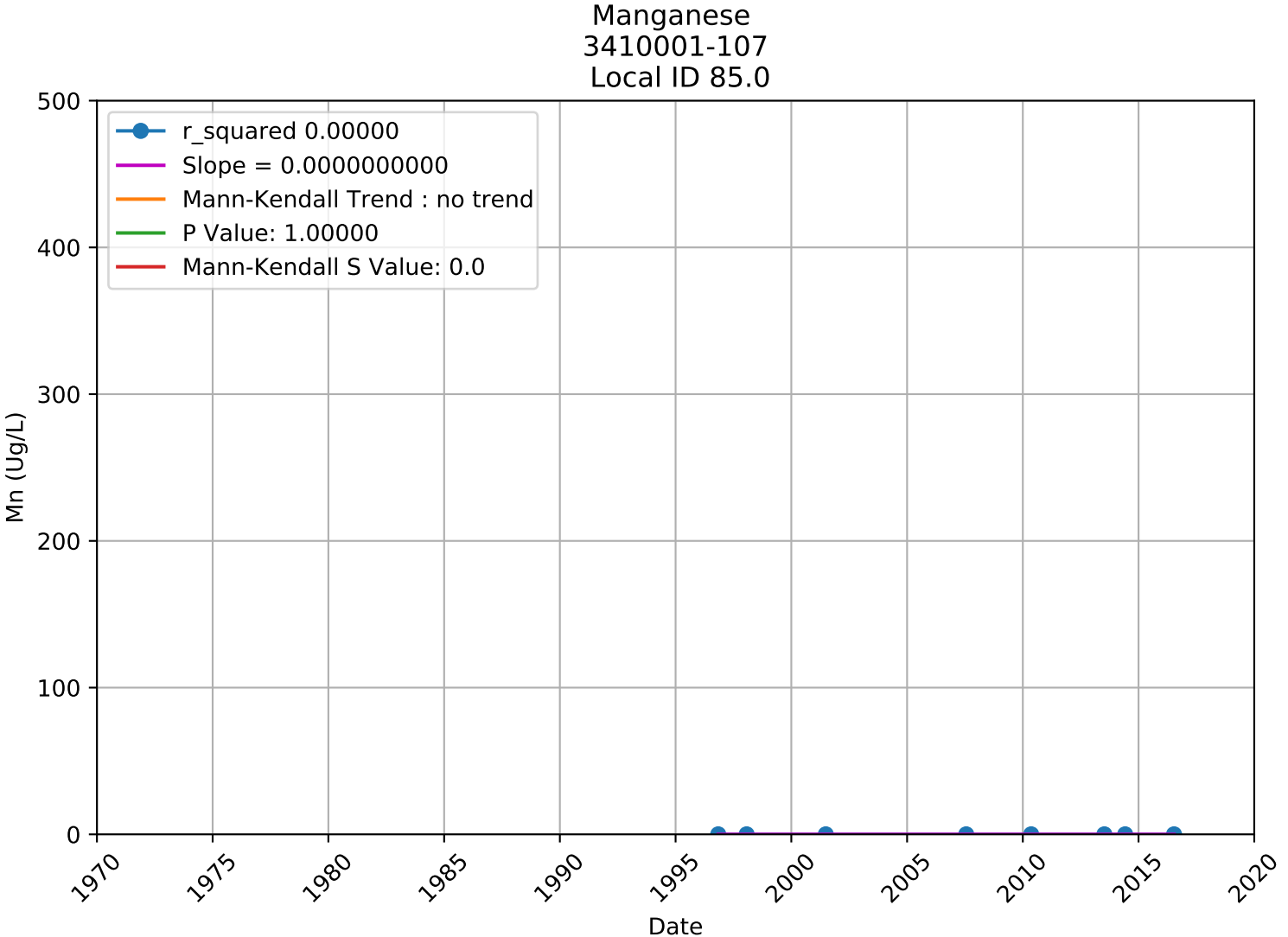

Manganese
3410001-102
Local ID 231.0
r_squared 0.16433
Slope = -0.0068202356
Mann-Kendall Trend : decreasing
P Value: 0.00958
Mann-Kendall S Value: -38.0
Mn (Ug/L)
Date
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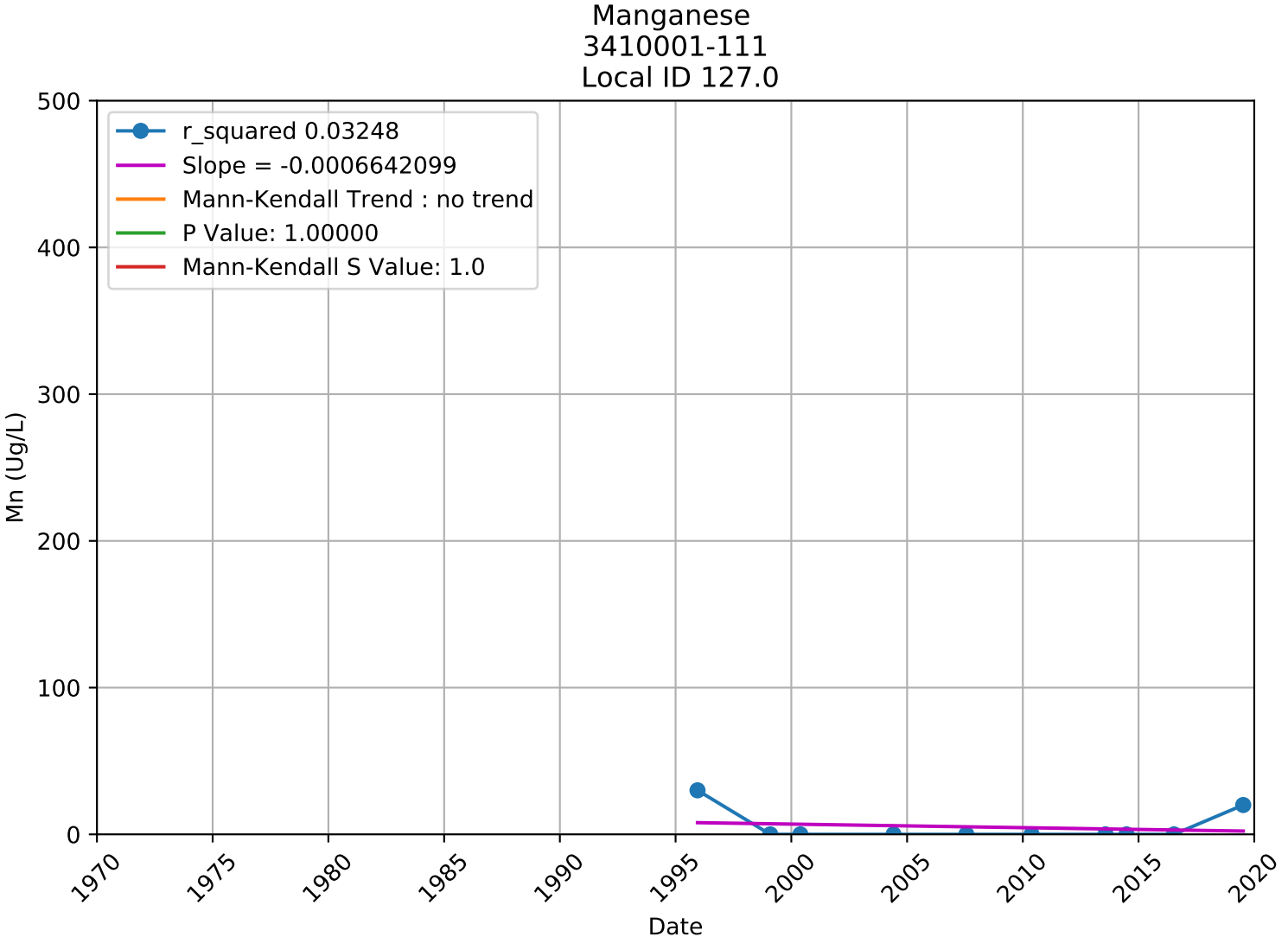

Manganese
3410001-103
Local ID 101.0
r_squared 0.04249
Slope = 0.0011076218
Mann-Kendall Trend : no trend
P Value: 0.87539
Mann-Kendall S Value: 2.0
Mn (Ug/L)
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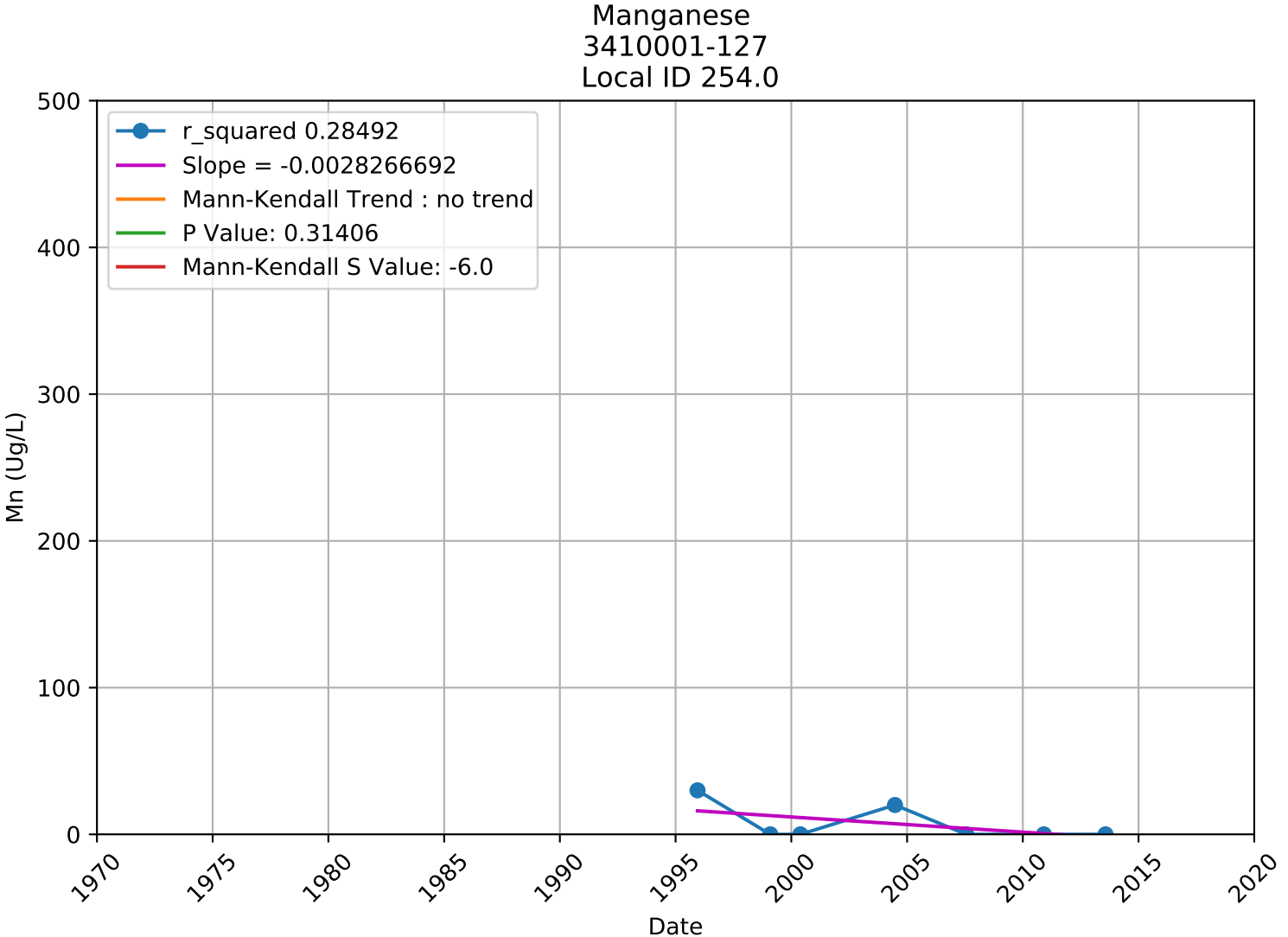

Manganese
3410001-104
Local ID 163.0
r_squared 0.00015
Slope = 0.0000231091
Mann-Kendall Trend : no trend
P Value: 0.42294
Mann-Kendall S Value: 9.0
Mn (Ug/L)
Date
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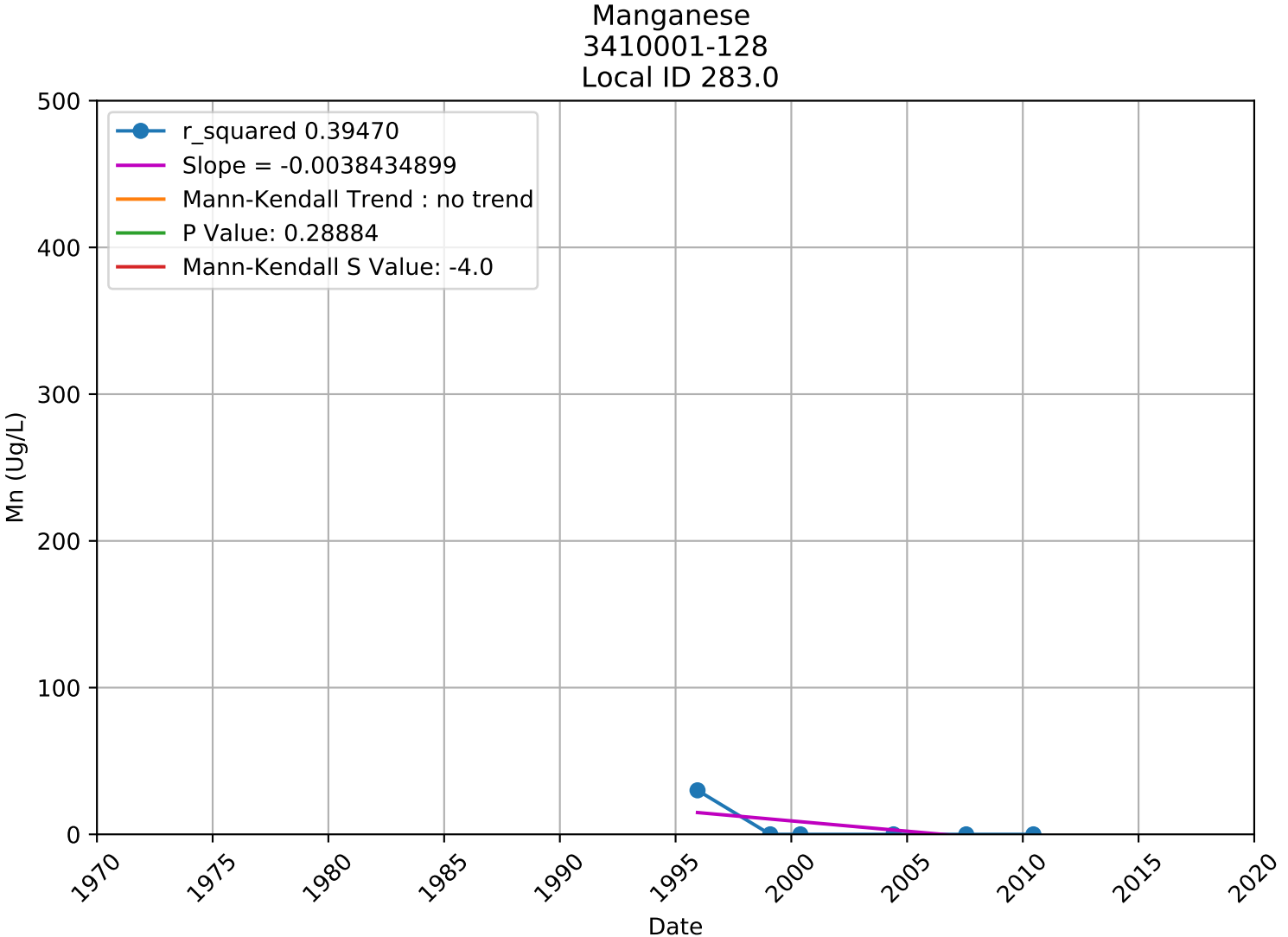

Manganese
3410001-105
Local ID 180.0
r_squared 0.00034
Slope = 0.0001295101
Mann-Kendall Trend : no trend
P Value: 0.50459
Mann-Kendall S Value: 23.0
Mn (Ug/L)
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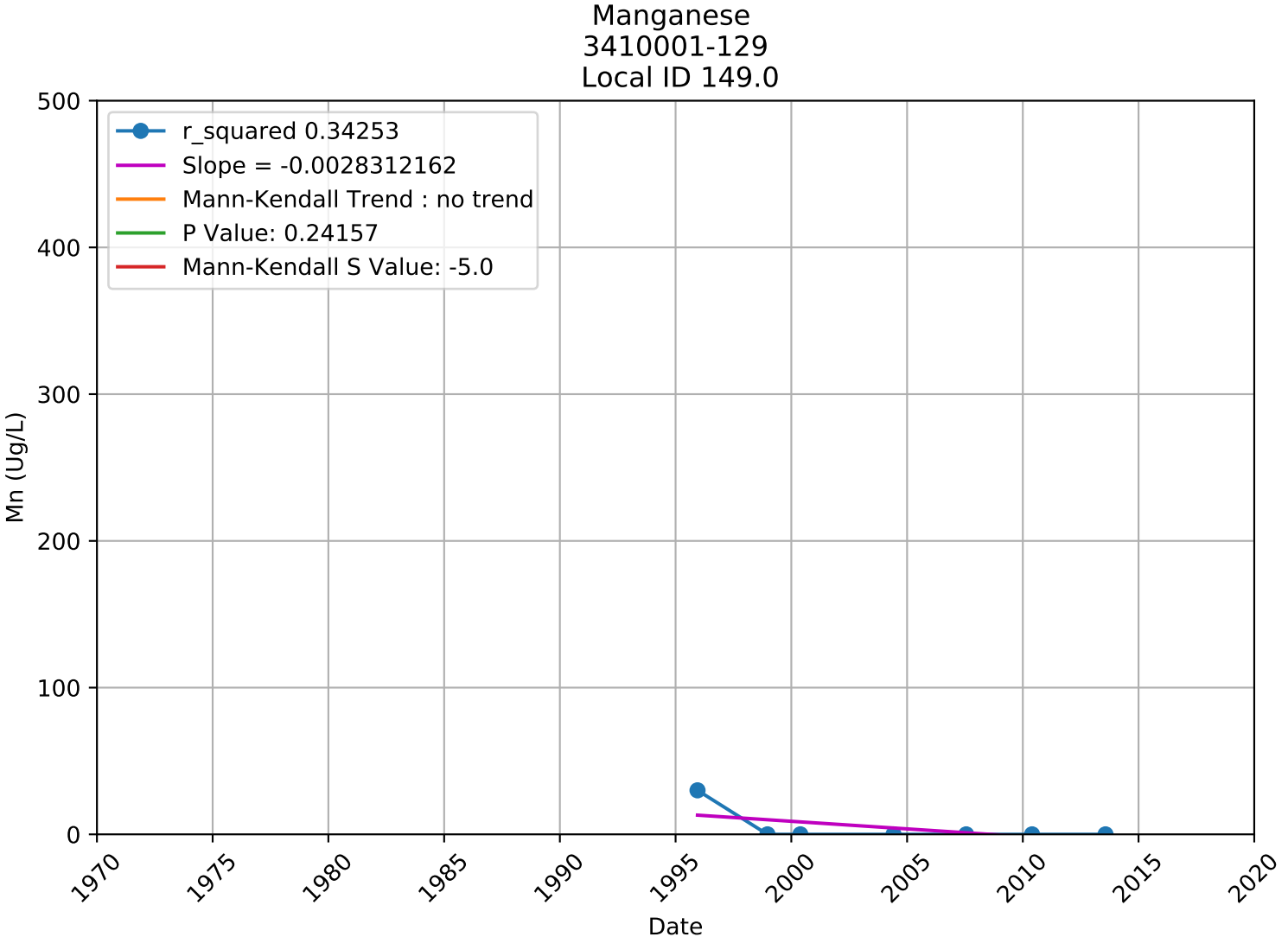

Manganese
3410001-106
Local ID 262.0
r_squared 0.00000
Slope = 0.0000000000
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Mn (Ug/L)
Date
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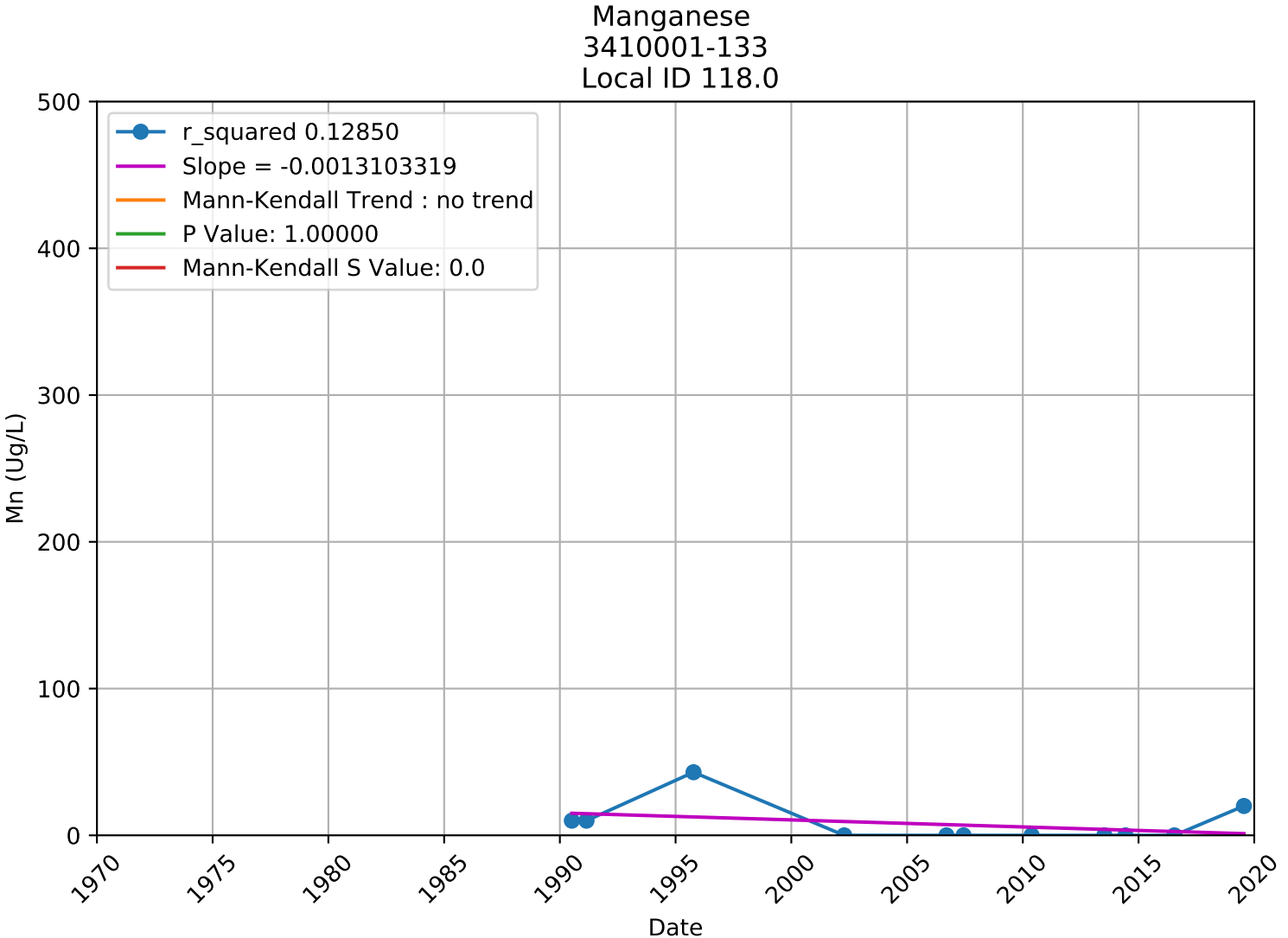

Manganese
3410001-107
Local ID 85.0
r_squared 0.00000
Slope = 0.0000000000
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Mn (Ug/L)
Date
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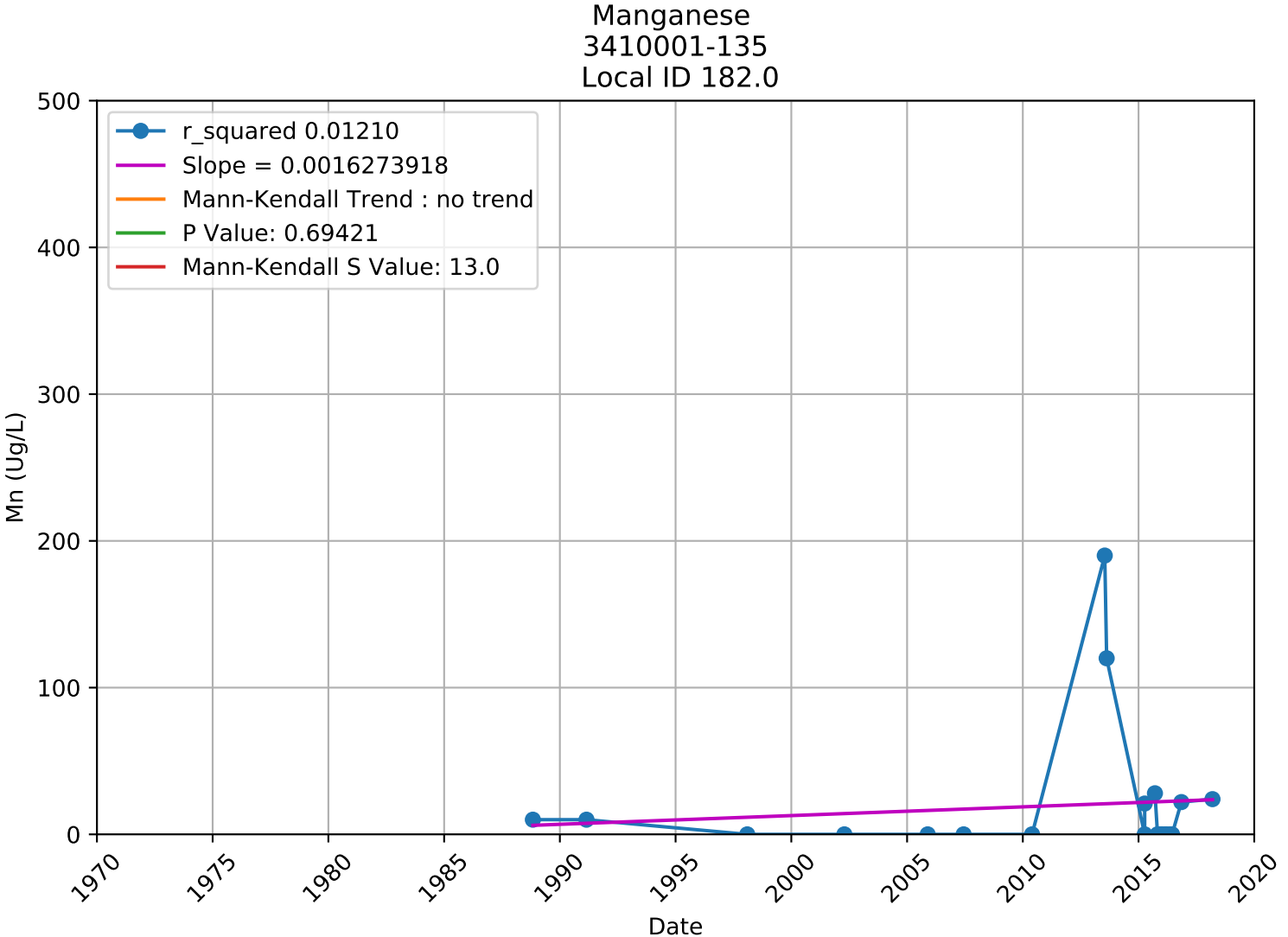

Manganese
3410001-111
Local ID 127.0
r_squared 0.03248
Slope = -0.0006642099
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
Mn (Ug/L)
Date
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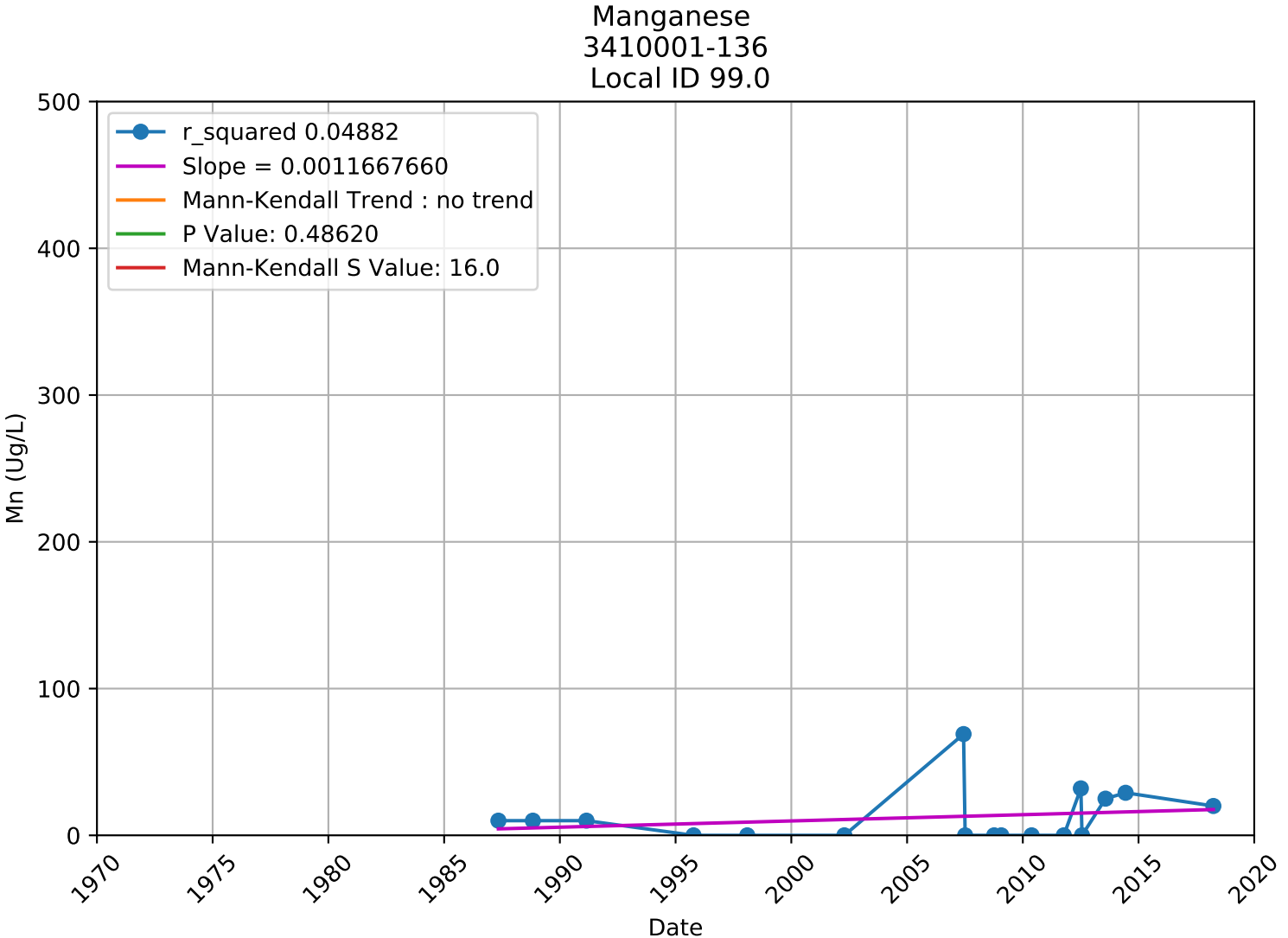

Manganese
3410001-127
Local ID 254.0
r_squared 0.28492
Slope = -0.0028266692
Mann-Kendall Trend : no trend
P Value: 0.31406
Mann-Kendall S Value: -6.0
Mn (Ug/L)
Date
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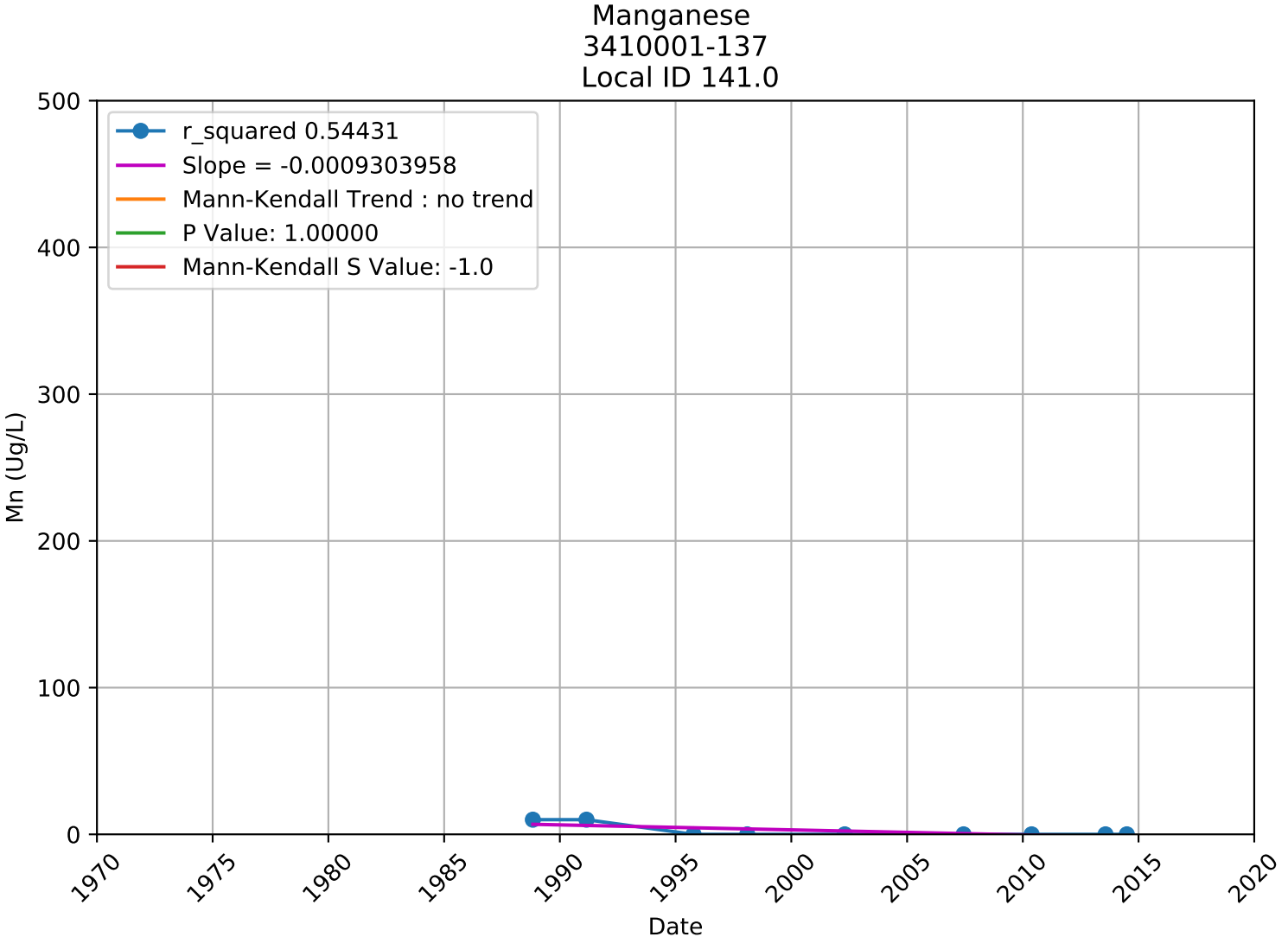

Manganese
3410001-128
Local ID 283.0
r_squared 0.39470
Slope = -0.0038434899
Mann-Kendall Trend : no trend
P Value: 0.28884
Mann-Kendall S Value: -4.0
Mn (Ug/L)
Date
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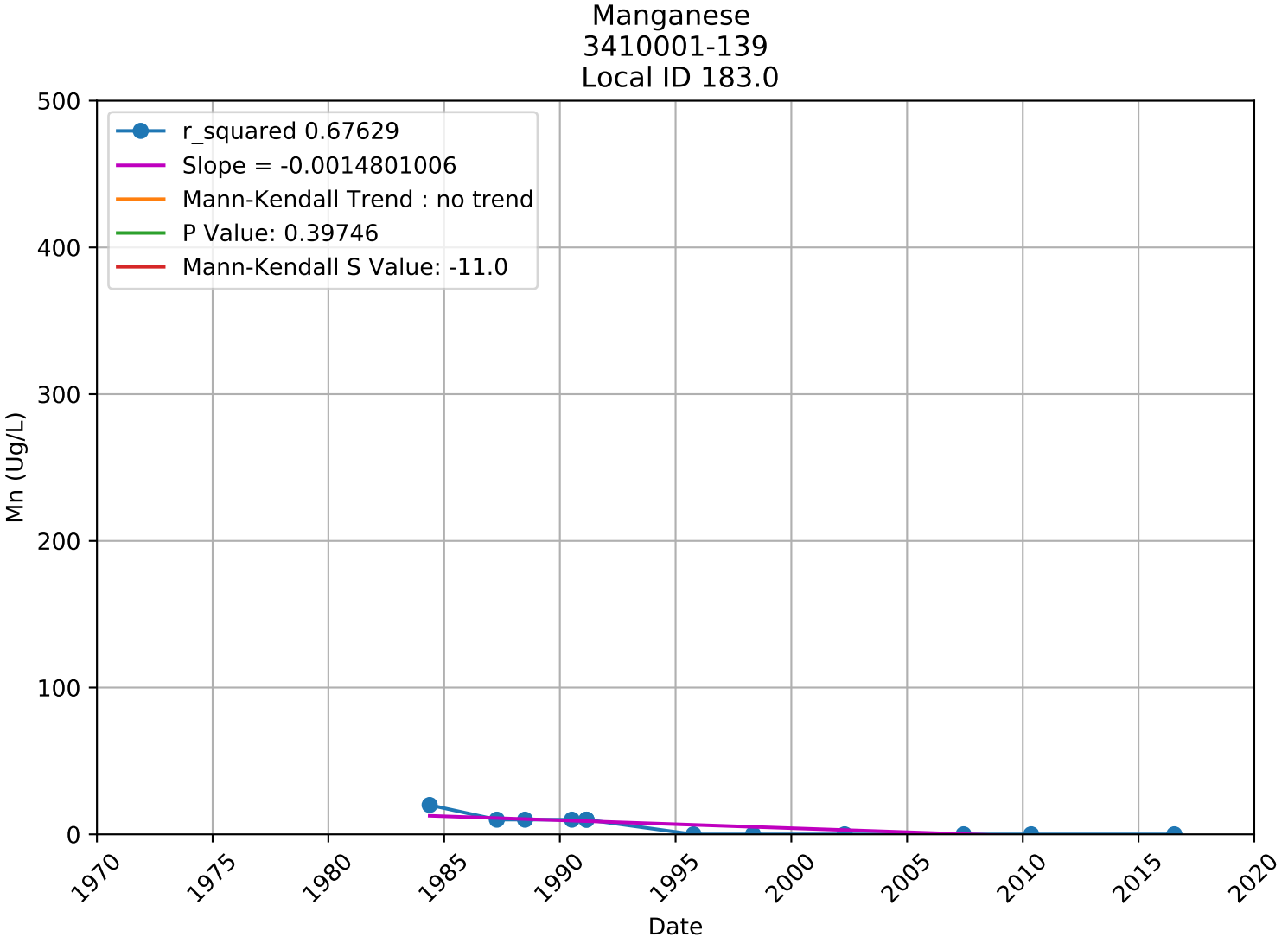

Manganese
3410001-129
Local ID 149.0
r_squared 0.34253
Slope = -0.0028312162
Mann-Kendall Trend : no trend
P Value: 0.24157
Mann-Kendall S Value: -5.0
Mn (Ug/L)
Date
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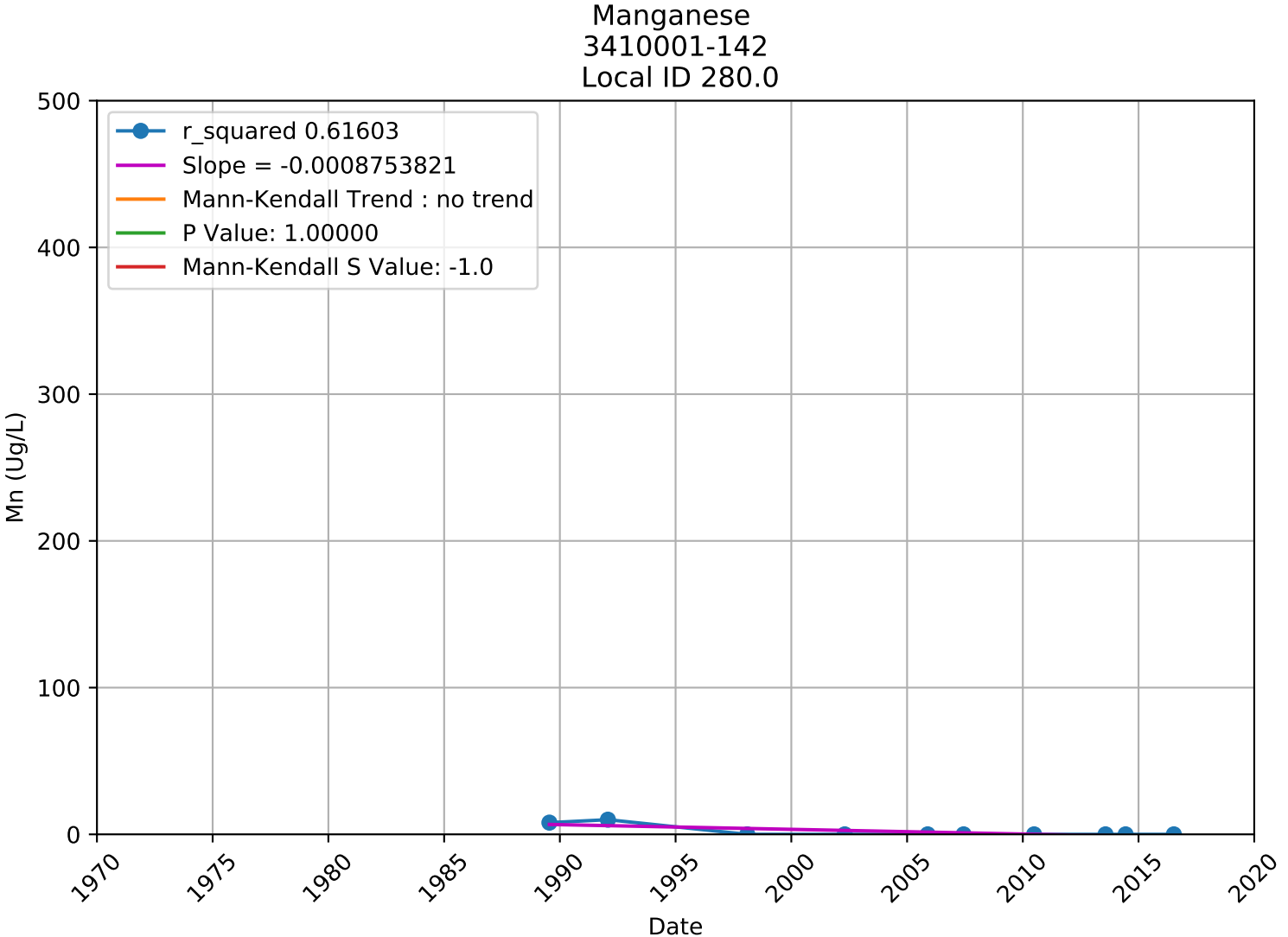

Manganese
3410001-133
Local ID 118.0
r_squared 0.12850
Slope = -0.0013103319
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Mn (Ug/L)
Date
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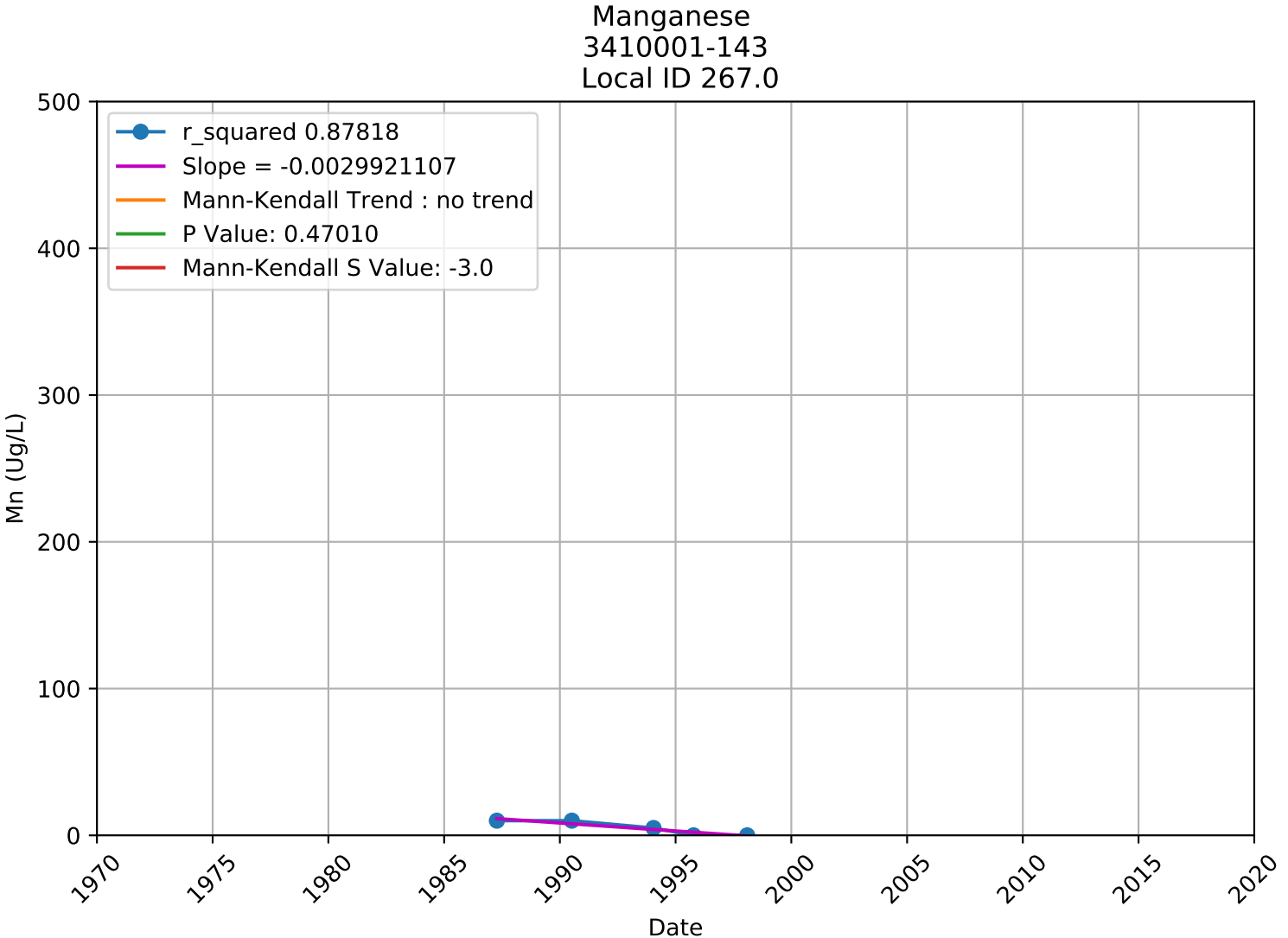

Manganese
3410001-135
Local ID 182.0
r_squared 0.01210
Slope = 0.0016273918
Mann-Kendall Trend : no trend
P Value: 0.69421
Mann-Kendall S Value: 13.0
Mn (Ug/L)
Date
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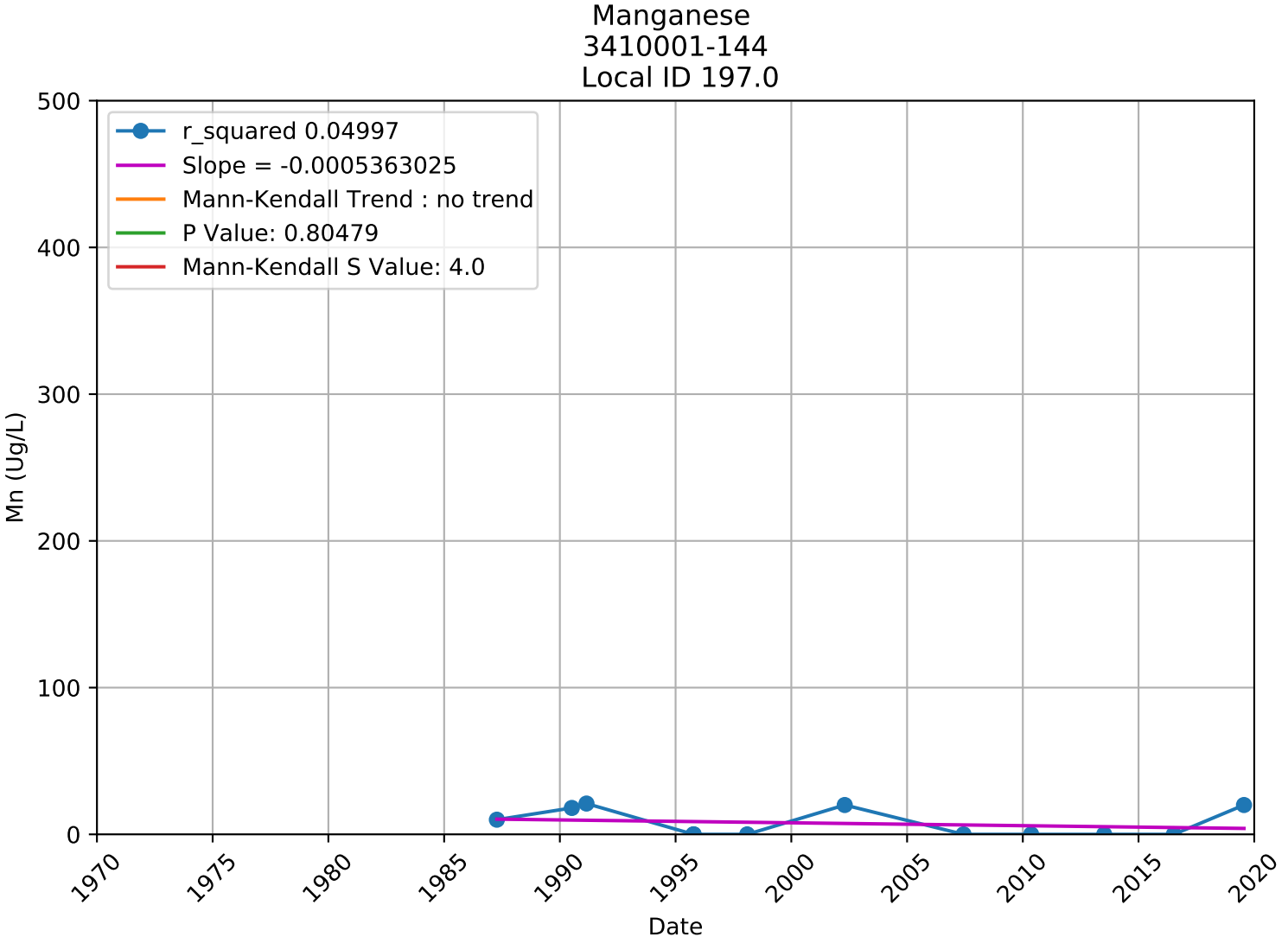

Manganese
3410001-136
Local ID 99.0
r_squared 0.04882
Slope = 0.0011667660
Mann-Kendall Trend : no trend
P Value: 0.48620
Mann-Kendall S Value: 16.0
Mn (Ug/L)
Date
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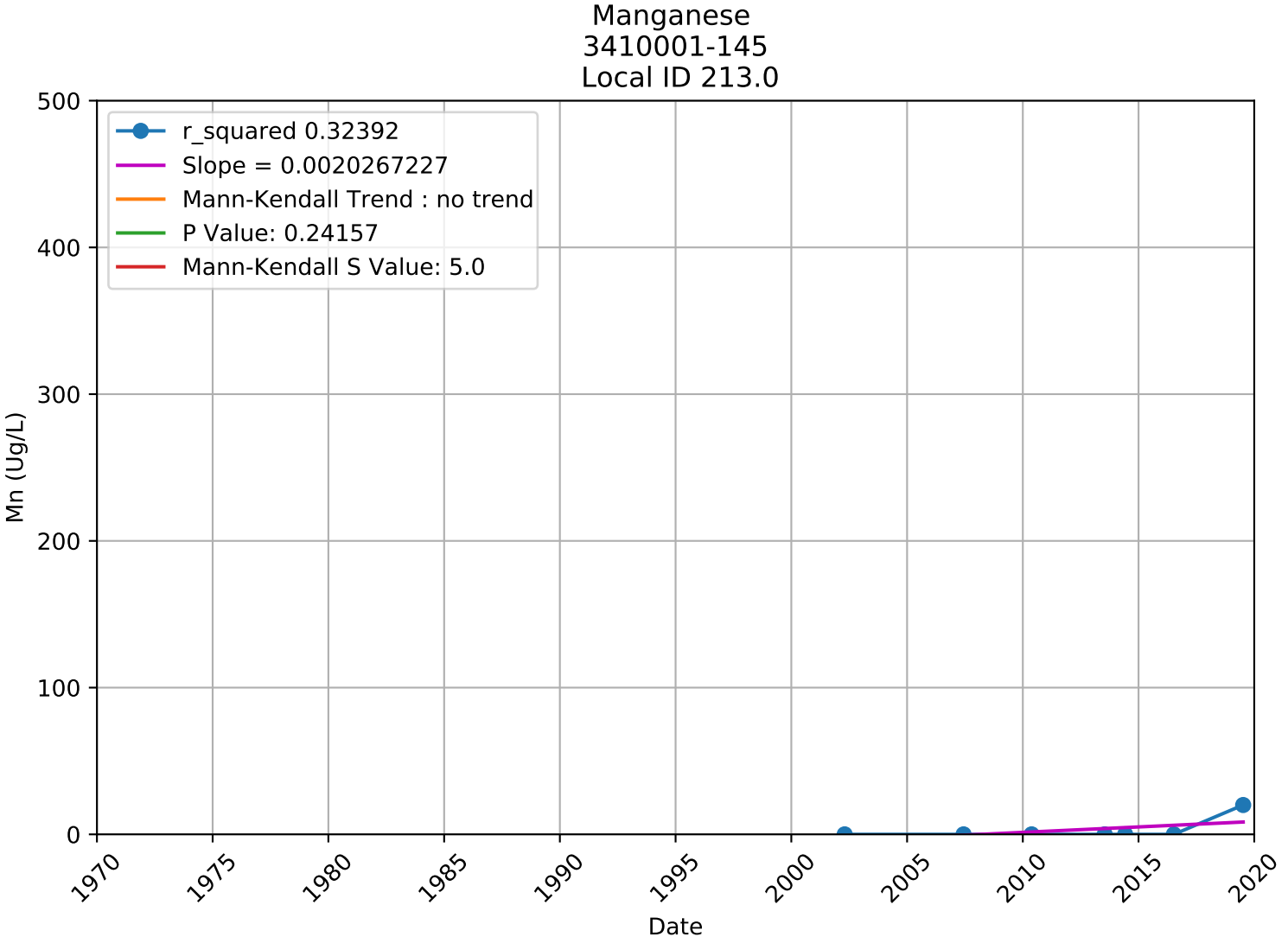

Manganese
3410001-137
Local ID 141.0
r_squared 0.54431
Slope = -0.0009303958
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
Mn (Ug/L)
Date
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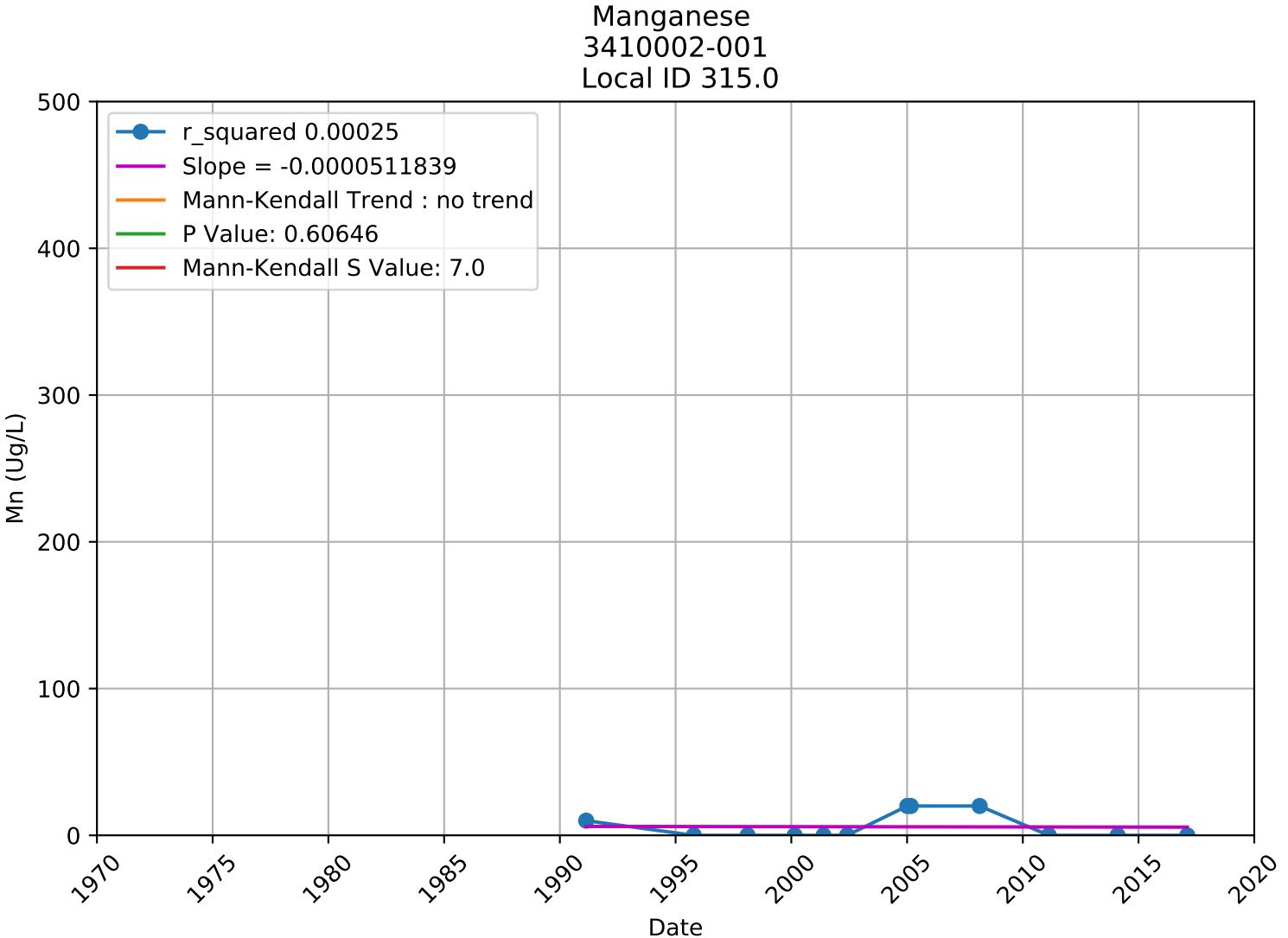

Manganese
3410001-139
Local ID 183.0
r_squared 0.67629
Slope = -0.0014801006
Mann-Kendall Trend : no trend
P Value: 0.39746
Mann-Kendall S Value: -11.0
Mn (Ug/L)
Date
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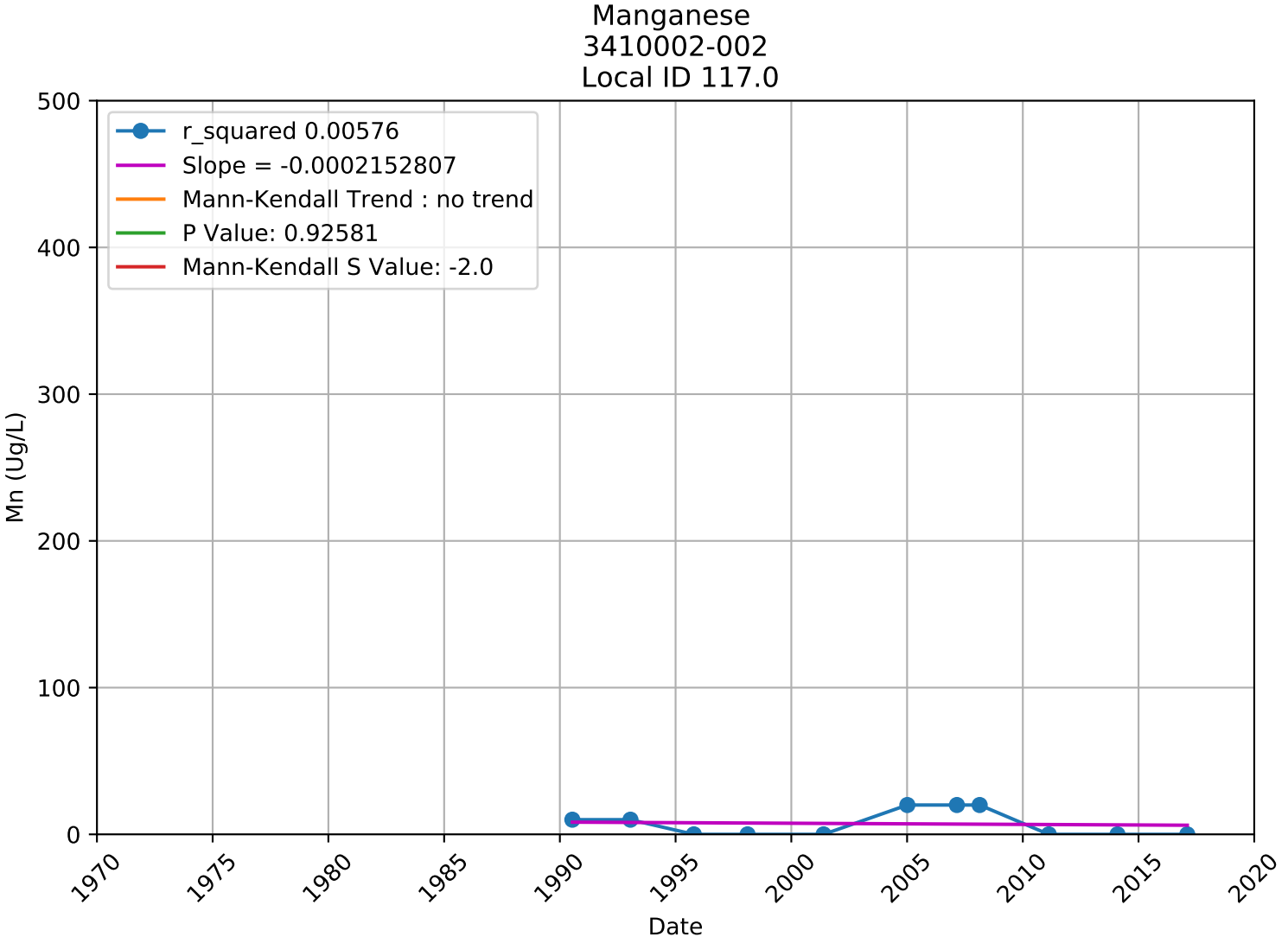

Manganese
3410001-142
Local ID 280.0
r_squared 0.61603
Slope = -0.0008753821
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
Mn (Ug/L)
Date
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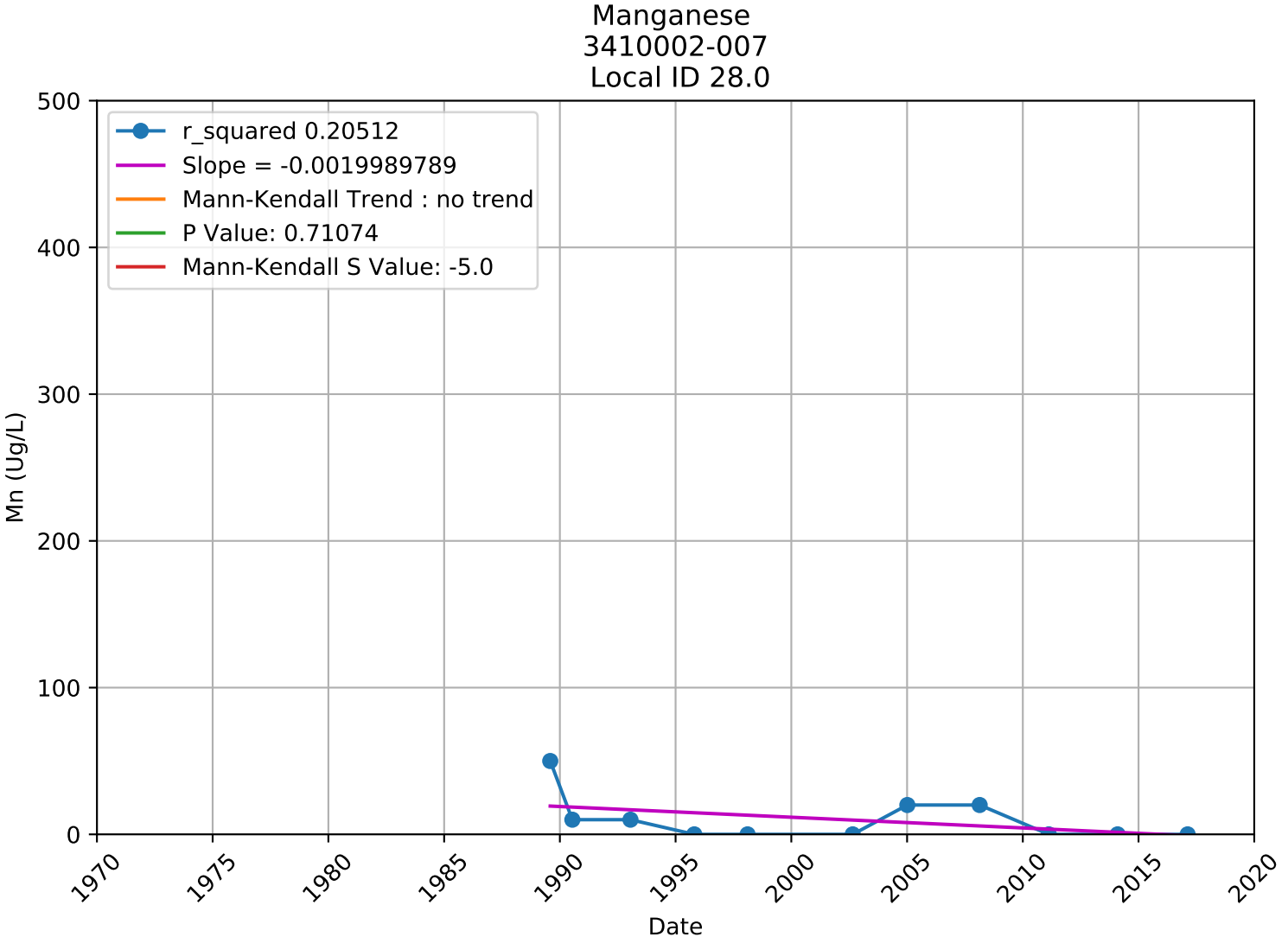

Manganese
3410001-143
Local ID 267.0
r_squared 0.87818
Slope = -0.0029921107
Mann-Kendall Trend : no trend
P Value: 0.47010
Mann-Kendall S Value: -3.0
Mn (Ug/L)
Date
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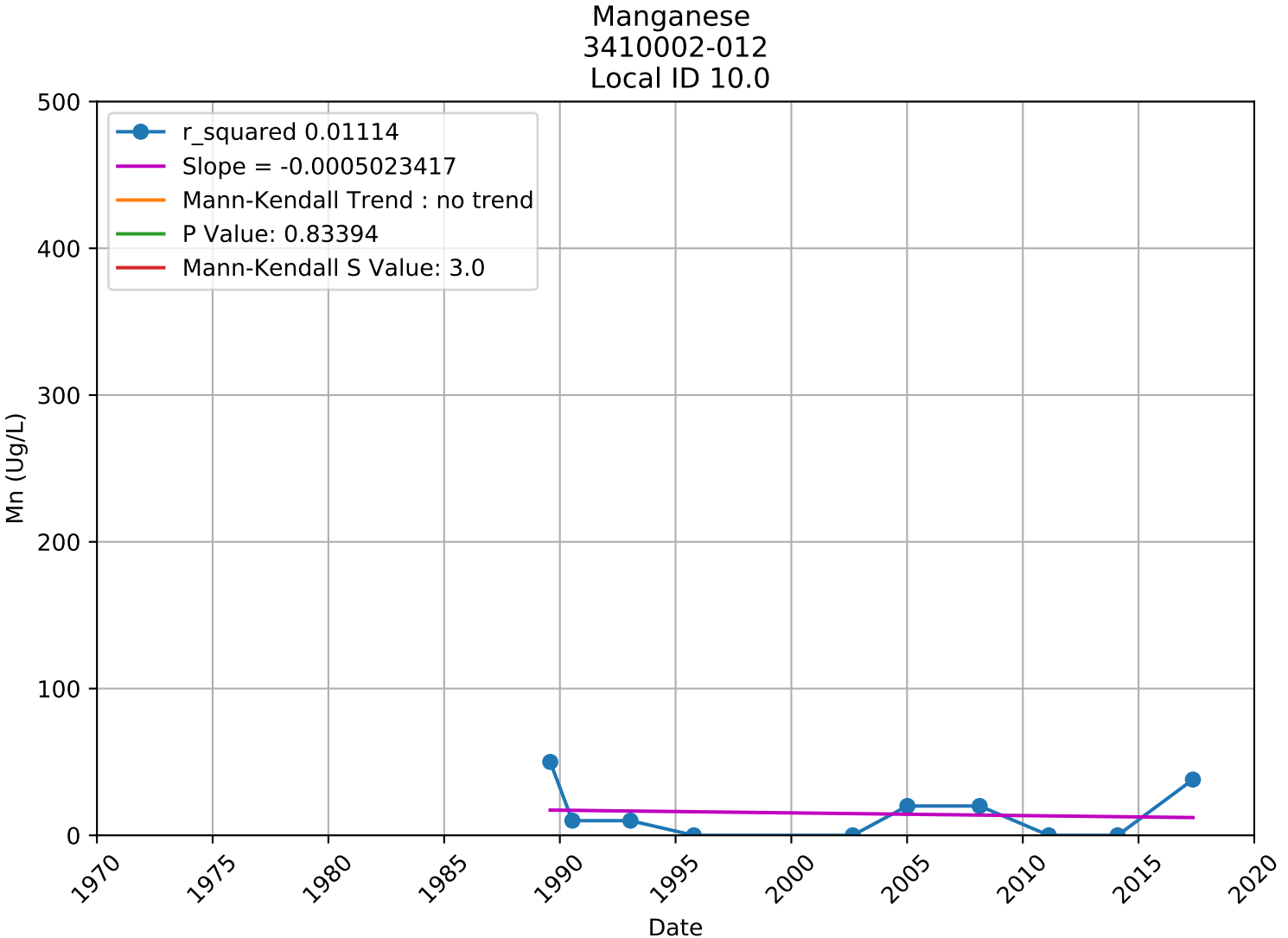

Manganese
3410001-144
Local ID 197.0
r_squared 0.04997
Slope = -0.0005363025
Mann-Kendall Trend : no trend
P Value: 0.80479
Mann-Kendall S Value: 4.0
Mn (Ug/L)
Date
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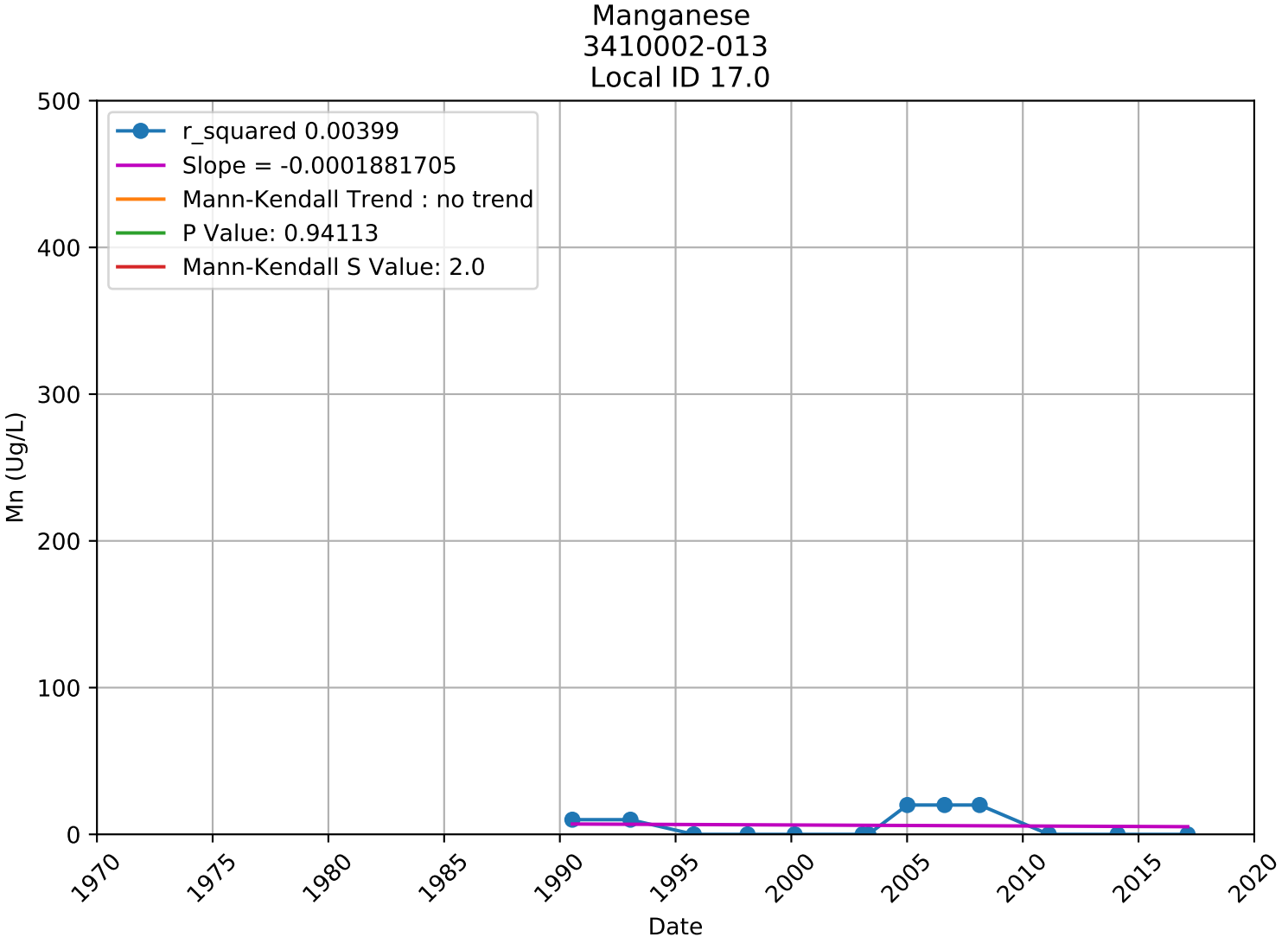

Manganese
3410001-145
Local ID 213.0
r_squared 0.32392
Slope = 0.0020267227
Mann-Kendall Trend : no trend
P Value: 0.24157
Mann-Kendall S Value: 5.0
Mn (Ug/L)
Date
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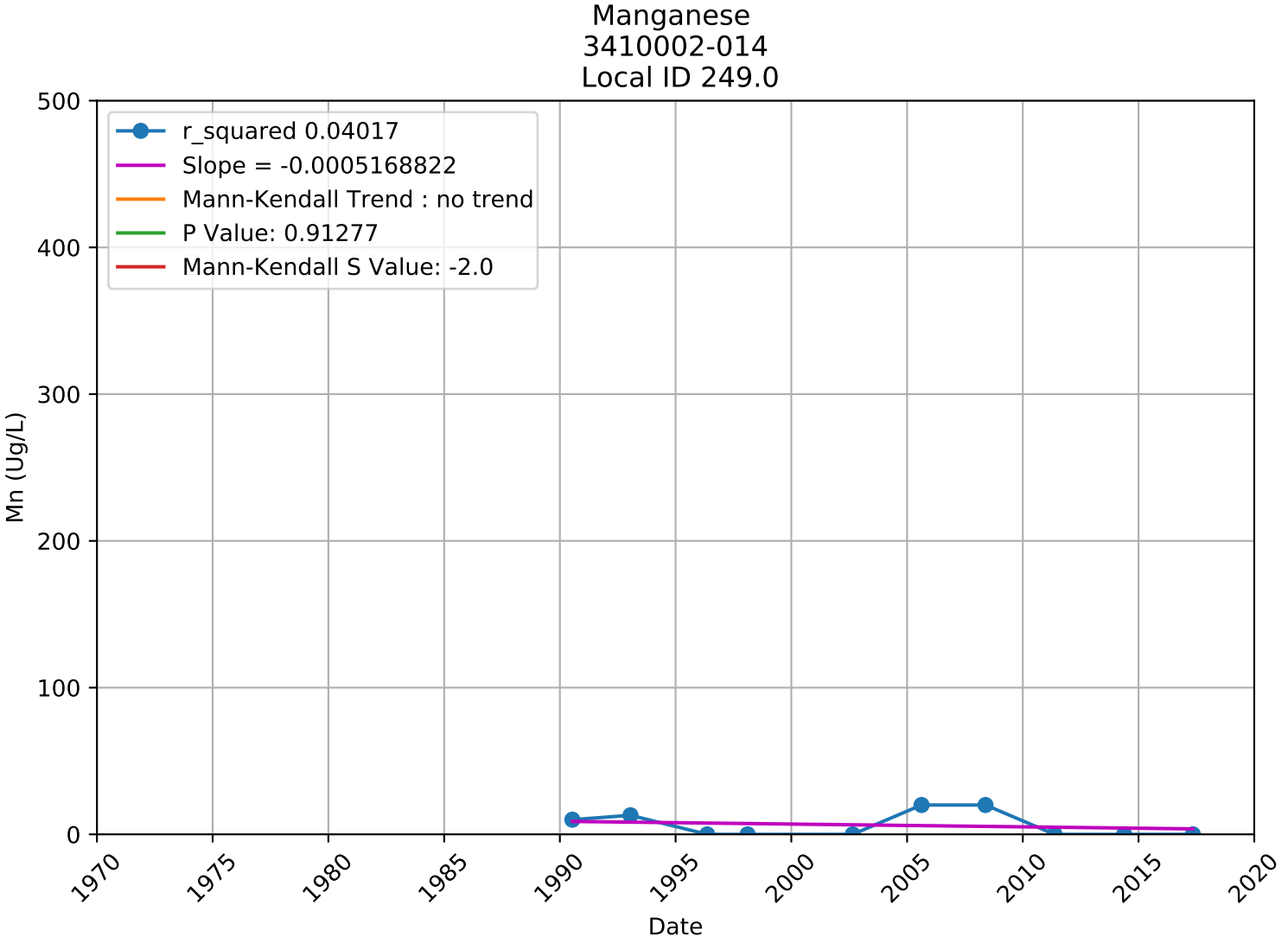

Manganese
3410002-001
Local ID 315.0
r_squared 0.00025
Slope = -0.0000511839
Mann-Kendall Trend : no trend
P Value: 0.60646
Mann-Kendall S Value: 7.0
Mn (Ug/L)
Date
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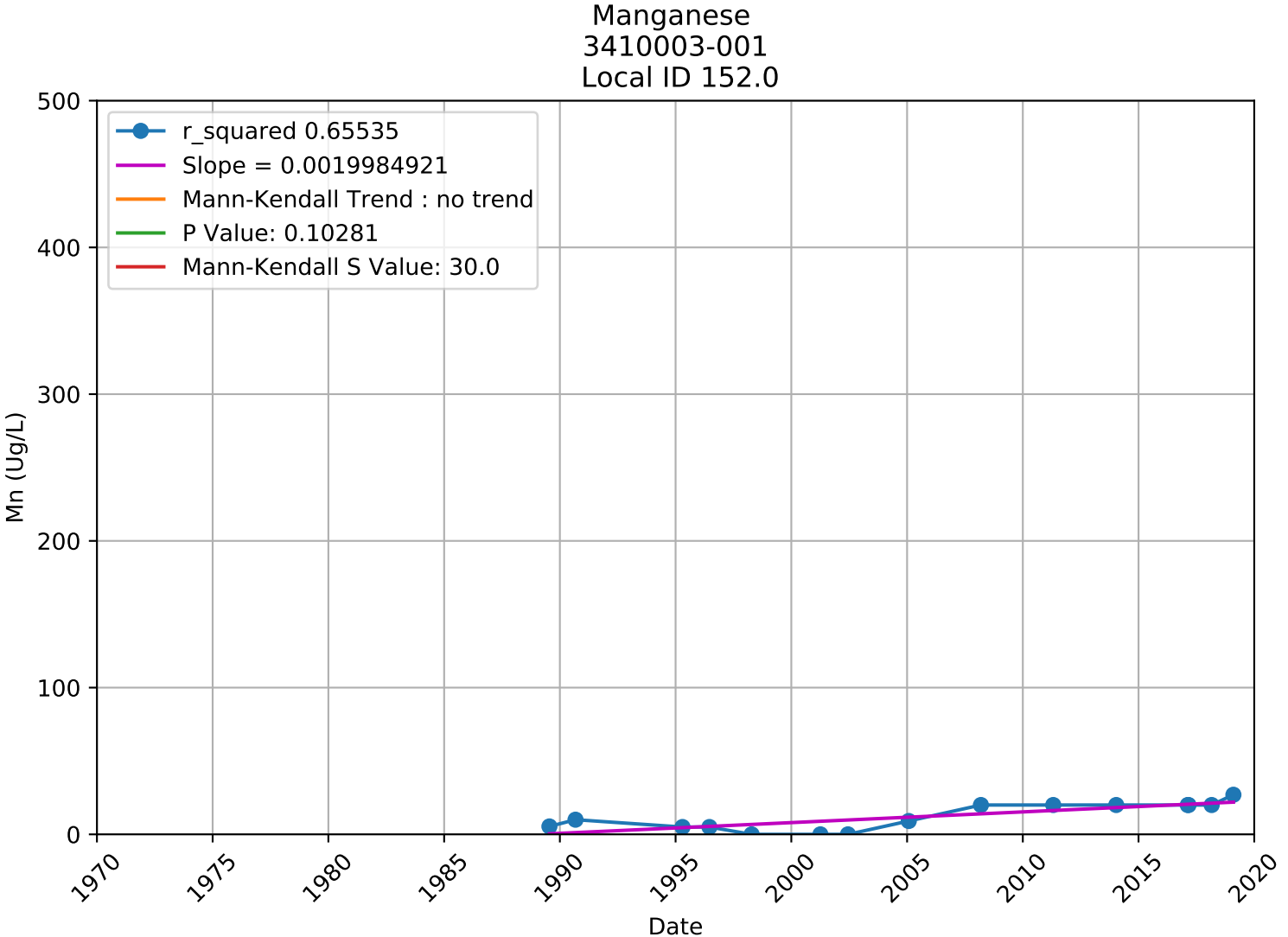

Manganese
3410002-002
Local ID 117.0
r_squared 0.00576
Slope = -0.0002152807
Mann-Kendall Trend : no trend
P Value: 0.92581
Mann-Kendall S Value: -2.0
Mn (Ug/L)
Date
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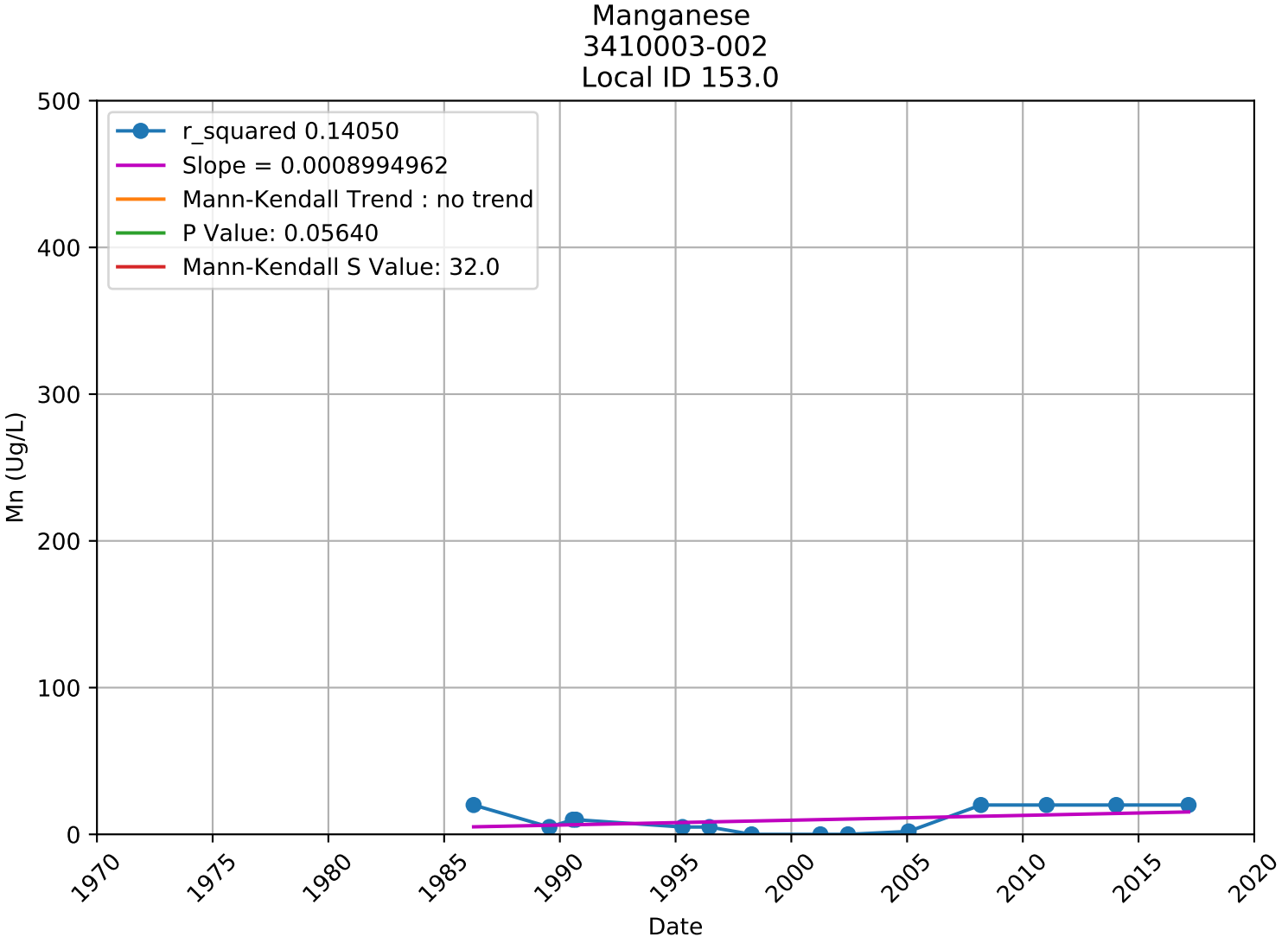

Manganese
3410002-007
Local ID 28.0
r_squared 0.20512
Slope = -0.0019989789
Mann-Kendall Trend : no trend
P Value: 0.71074
Mann-Kendall S Value: -5.0
Mn (Ug/L)
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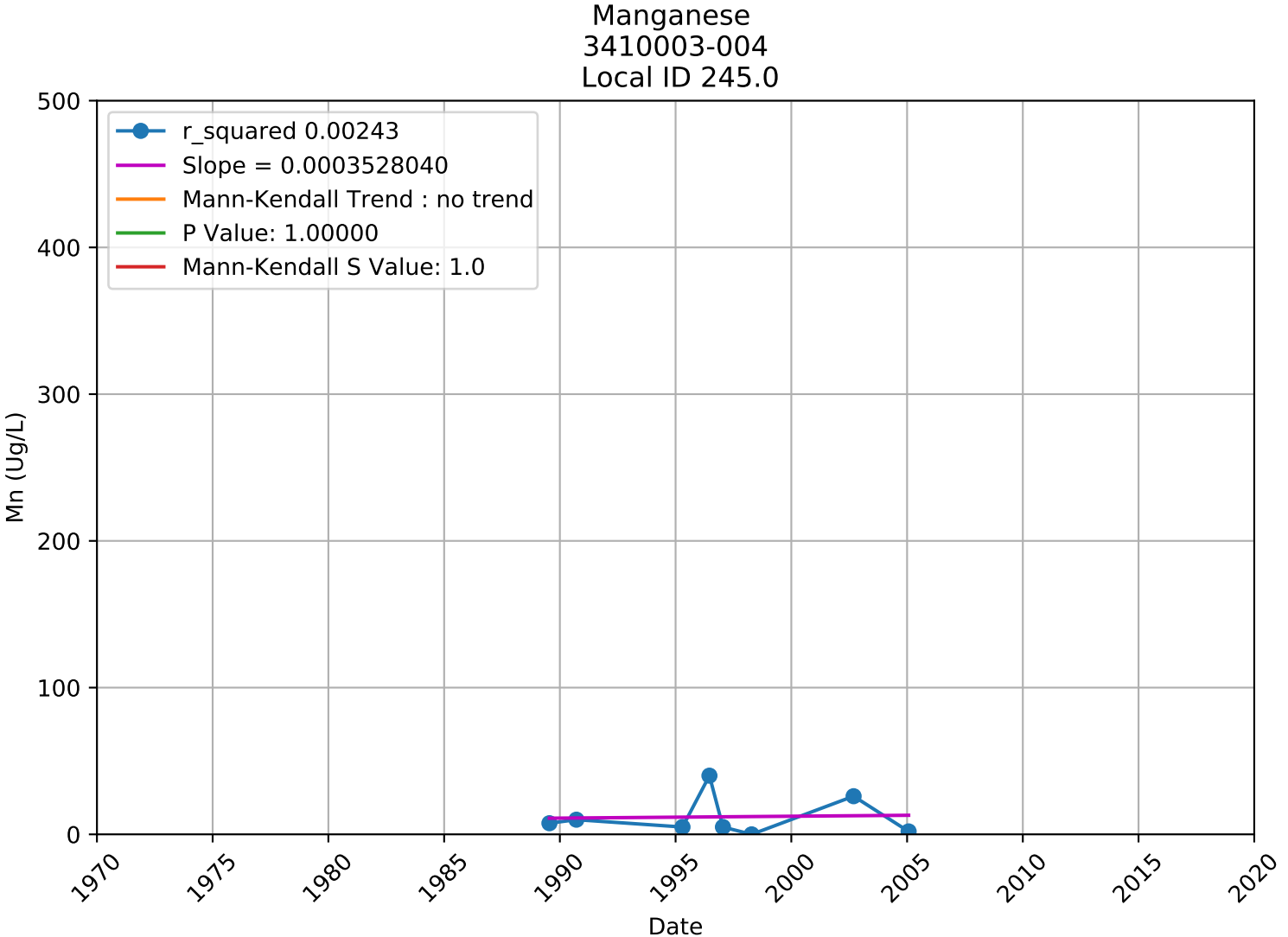

Manganese
3410002-012
Local ID 10.0
r_squared 0.01114
Slope = -0.0005023417
Mann-Kendall Trend : no trend
P Value: 0.83394
Mann-Kendall S Value: 3.0
Mn (Ug/L)
Date
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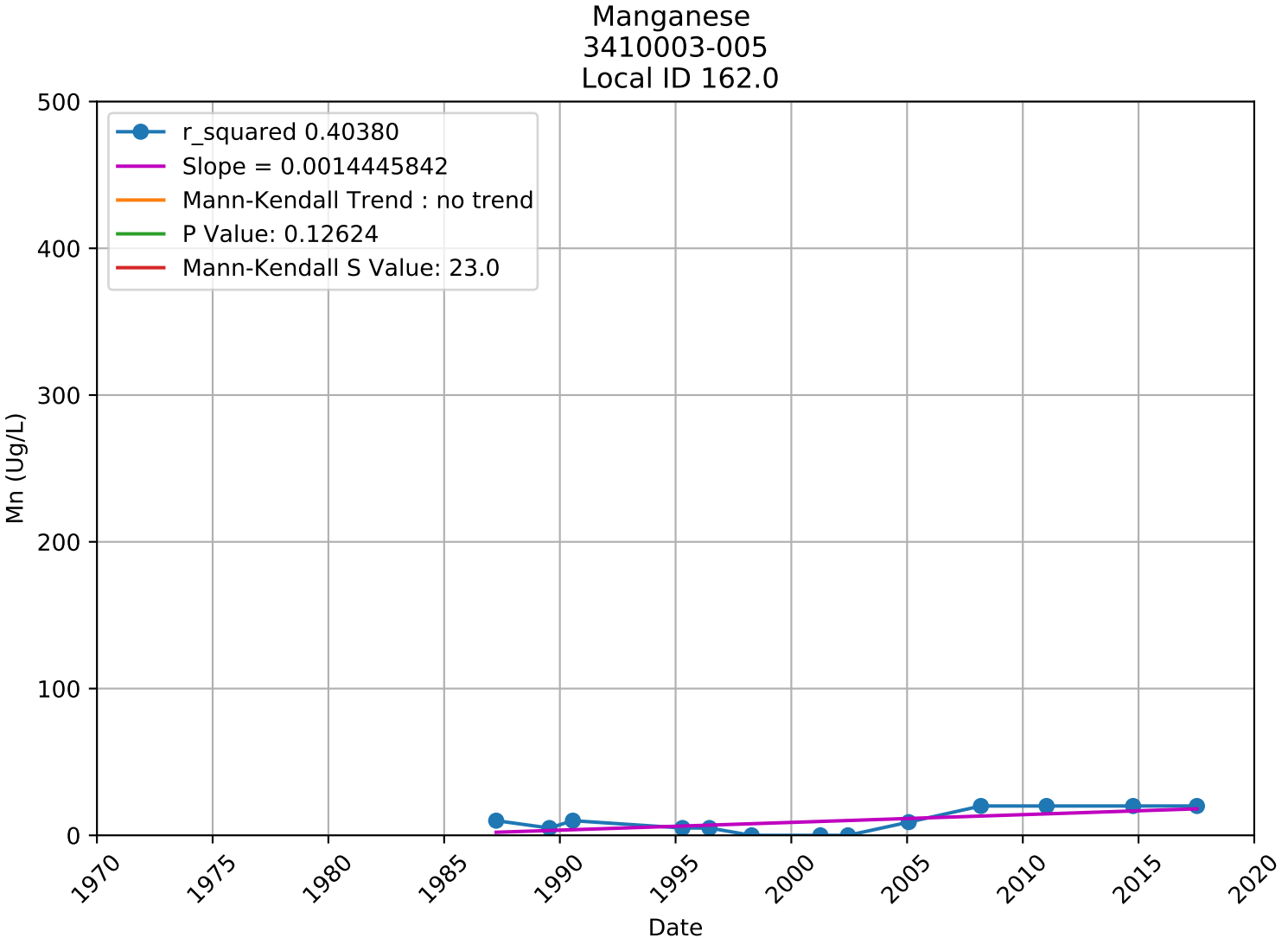

Manganese
3410002-013
Local ID 17.0
r_squared 0.00399
Slope = -0.0001881705
Mann-Kendall Trend : no trend
P Value: 0.94113
Mann-Kendall S Value: 2.0
Mn (Ug/L)
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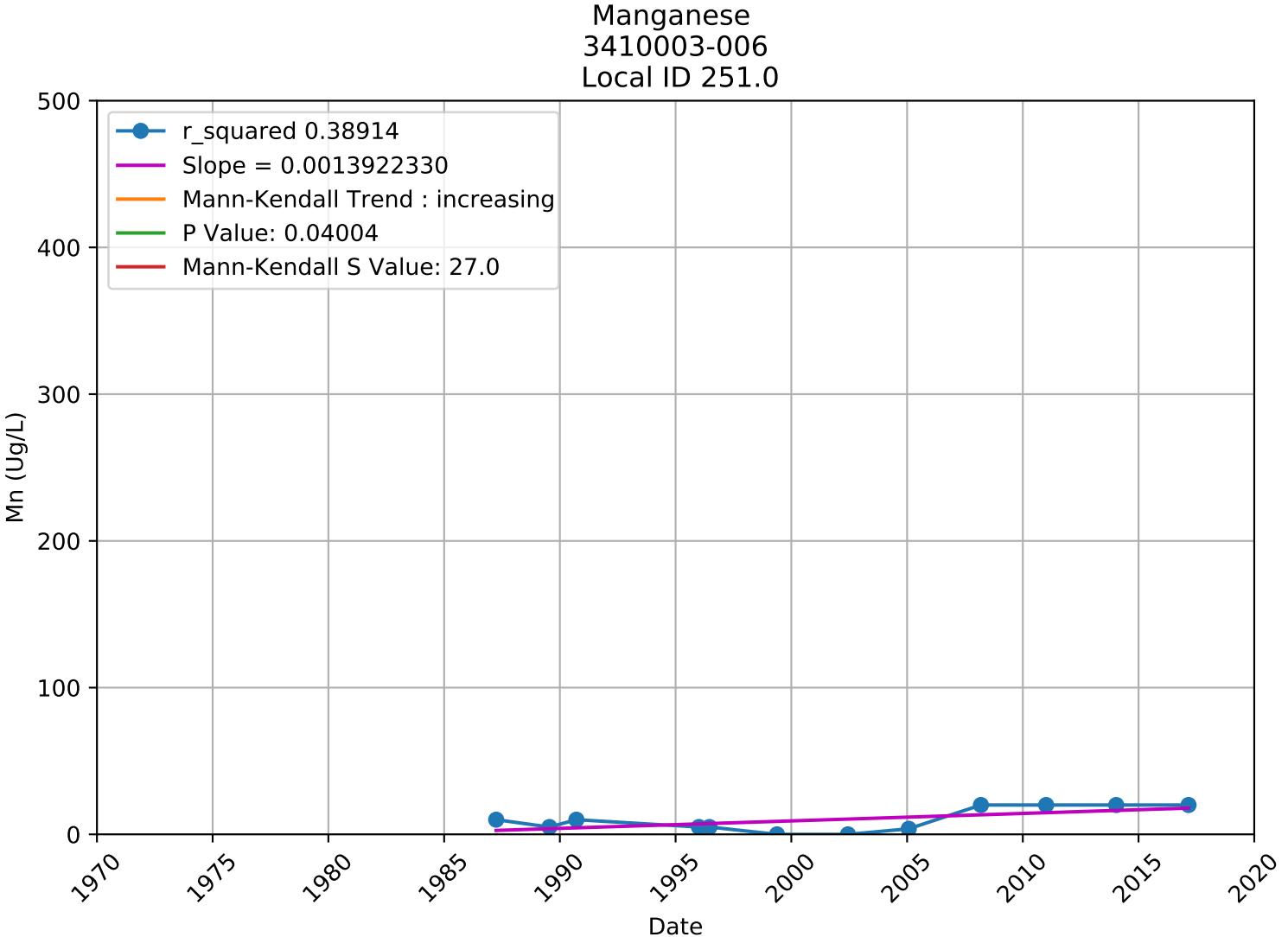

Manganese
3410002-014
Local ID 249.0
r_squared 0.04017
Slope = -0.0005168822
Mann-Kendall Trend : no trend
P Value: 0.91277
Mann-Kendall S Value: -2.0
Mn (Ug/L)
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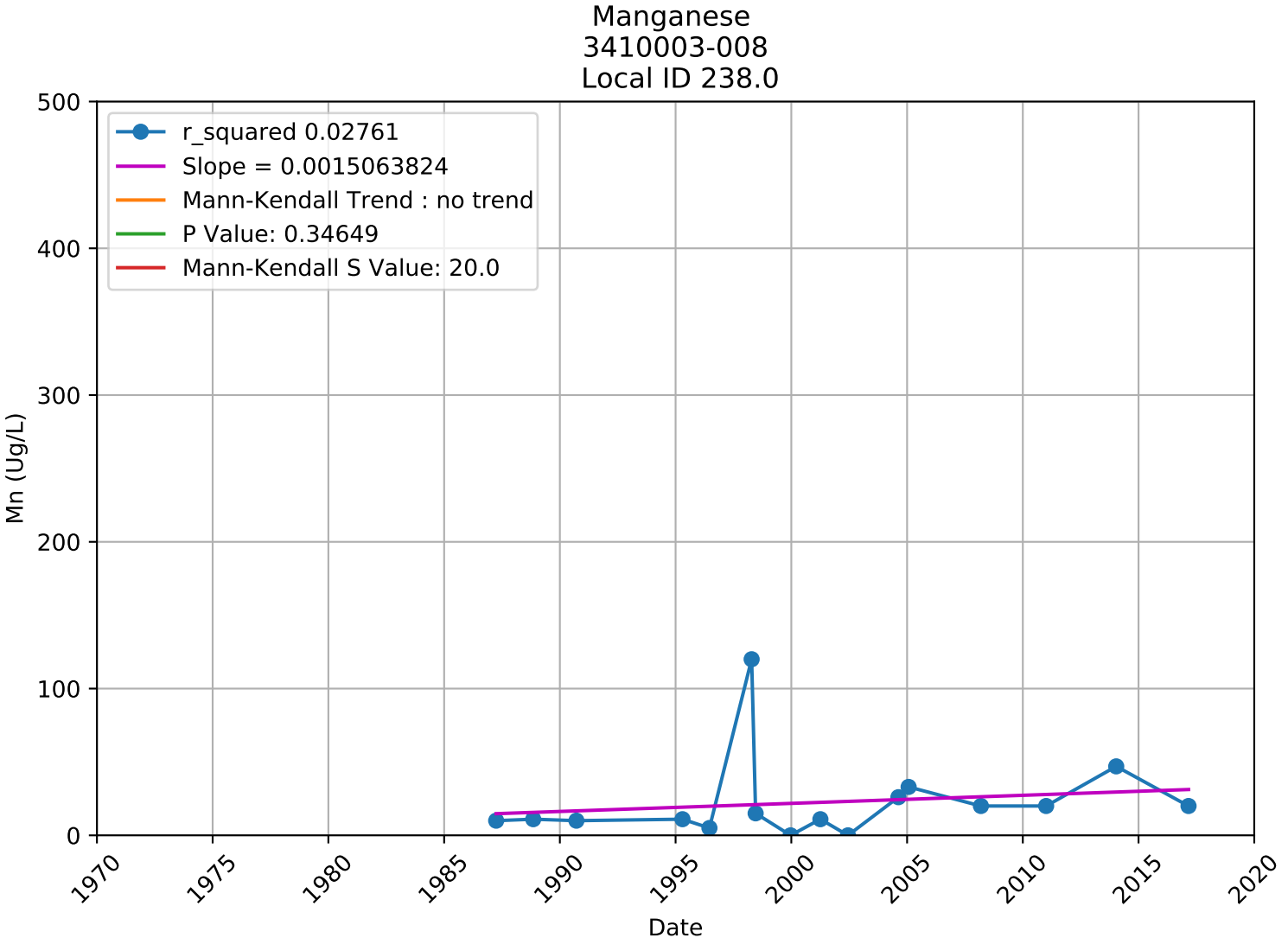

Manganese
3410003-001
Local ID 152.0
r_squared 0.65535
Slope = 0.0019984921
Mann-Kendall Trend : no trend
P Value: 0.10281
Mann-Kendall S Value: 30.0
Mn (Ug/L)
Date
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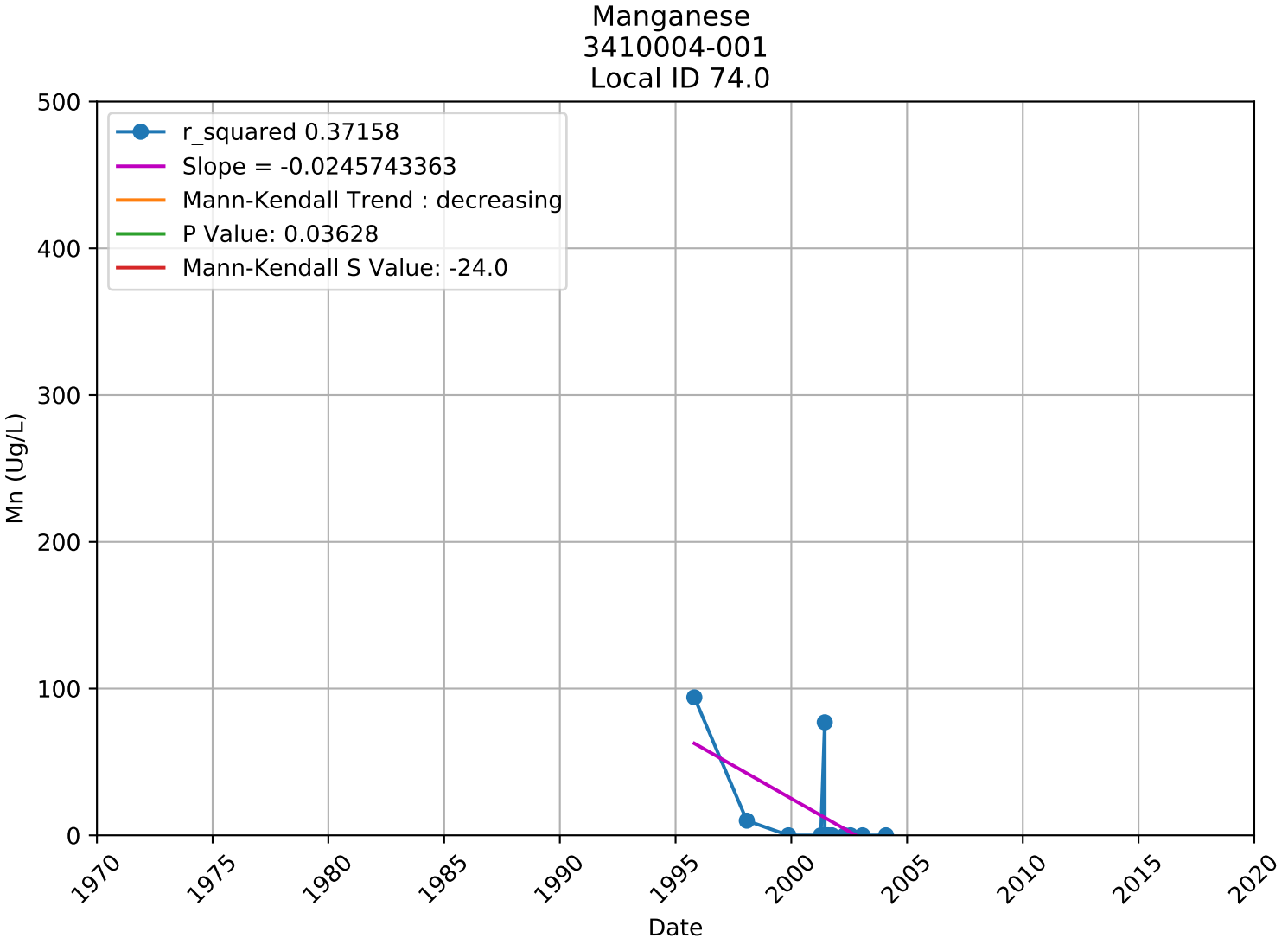

Manganese
3410003-002
Local ID 153.0
r_squared 0.14050
Slope = 0.0008994962
Mann-Kendall Trend : no trend
P Value: 0.05640
Mann-Kendall S Value: 32.0
Mn (Ug/L)
Date
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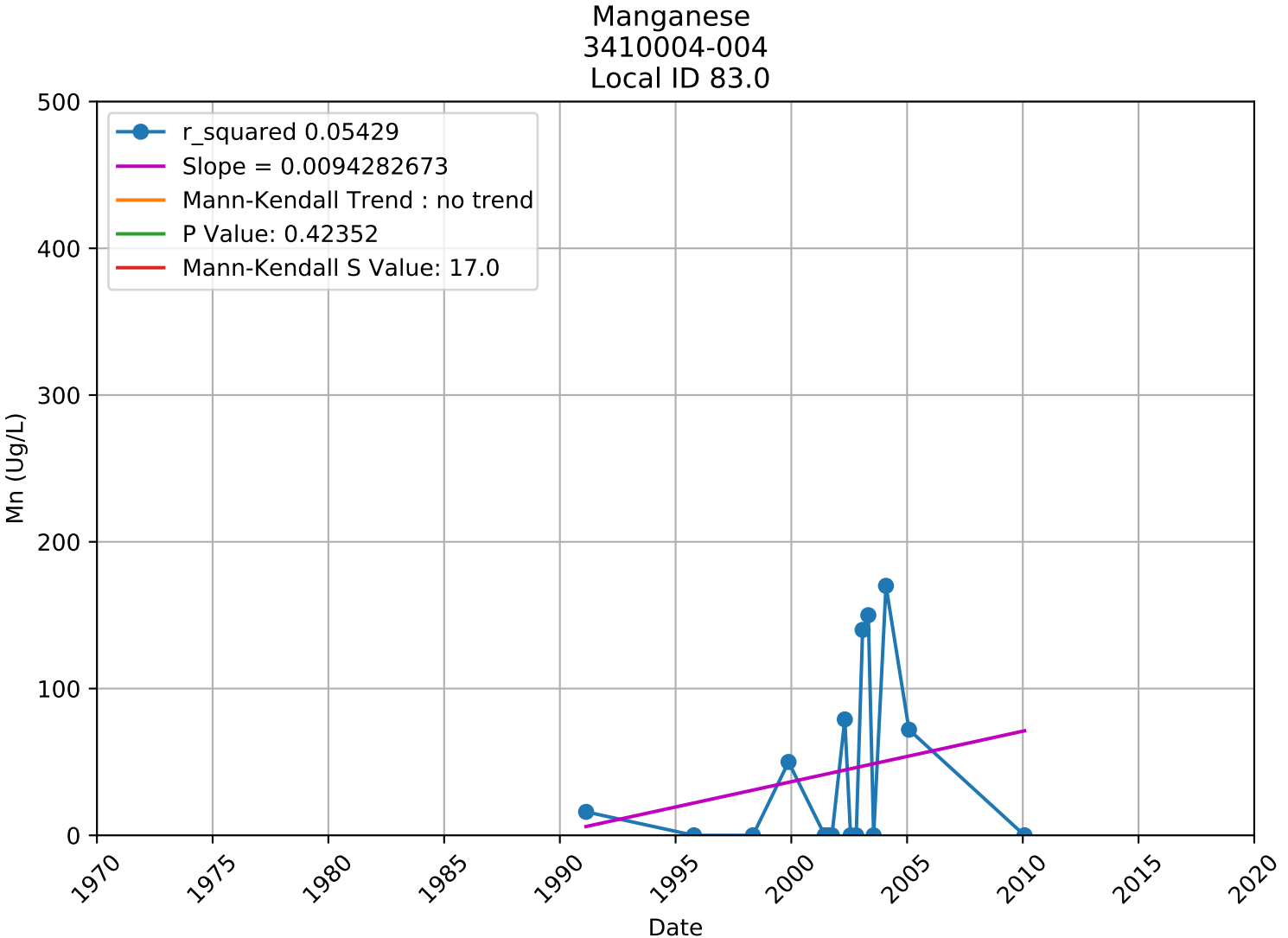

Manganese
3410003-004
Local ID 245.0
r_squared 0.00243
Slope = 0.0003528040
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
Mn (Ug/L)
Date
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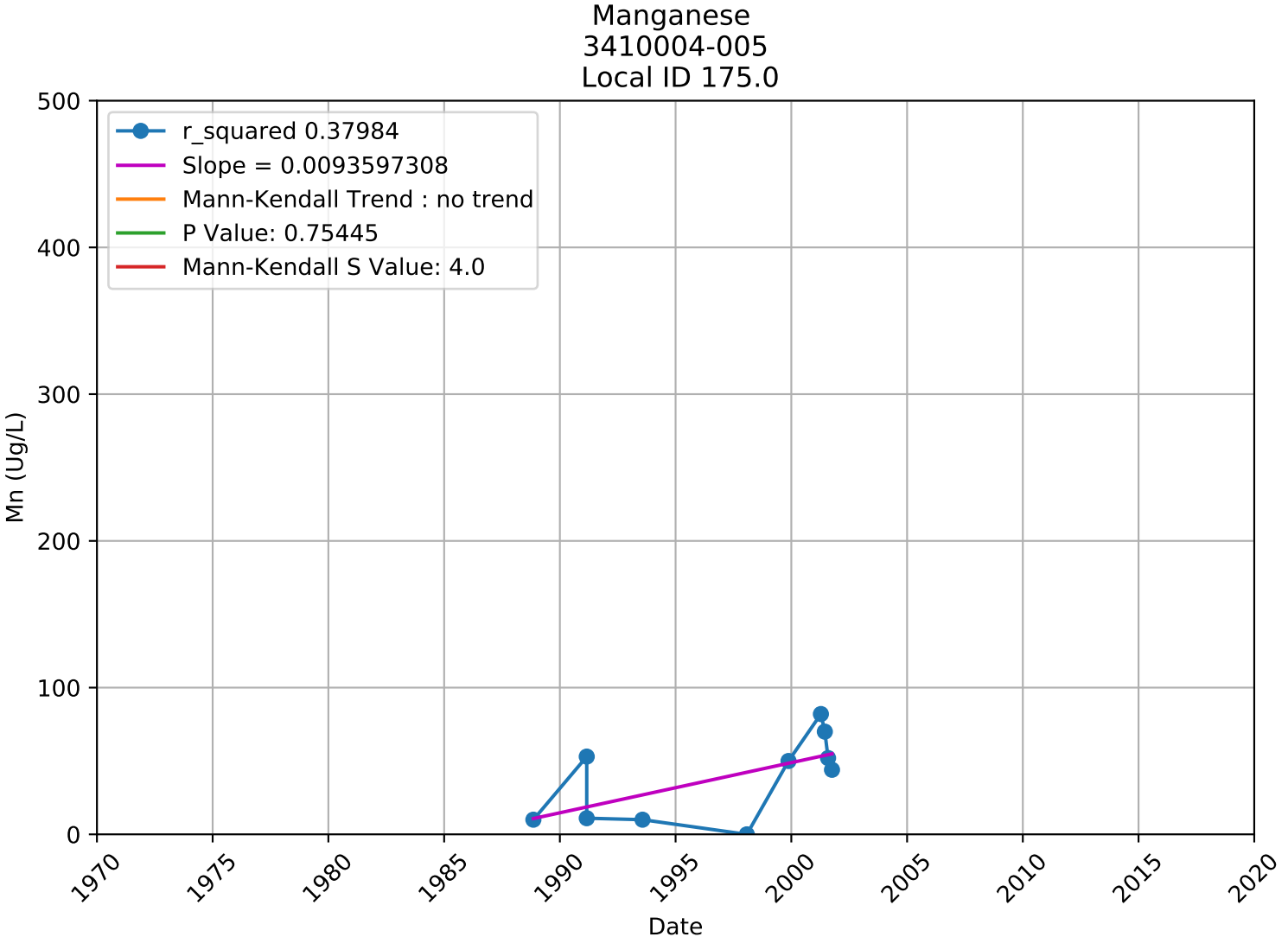

Manganese
3410003-005
Local ID 162.0
r_squared 0.40380
Slope = 0.0014445842
Mann-Kendall Trend : no trend
P Value: 0.12624
Mann-Kendall S Value: 23.0
Mn (Ug/L)
Date
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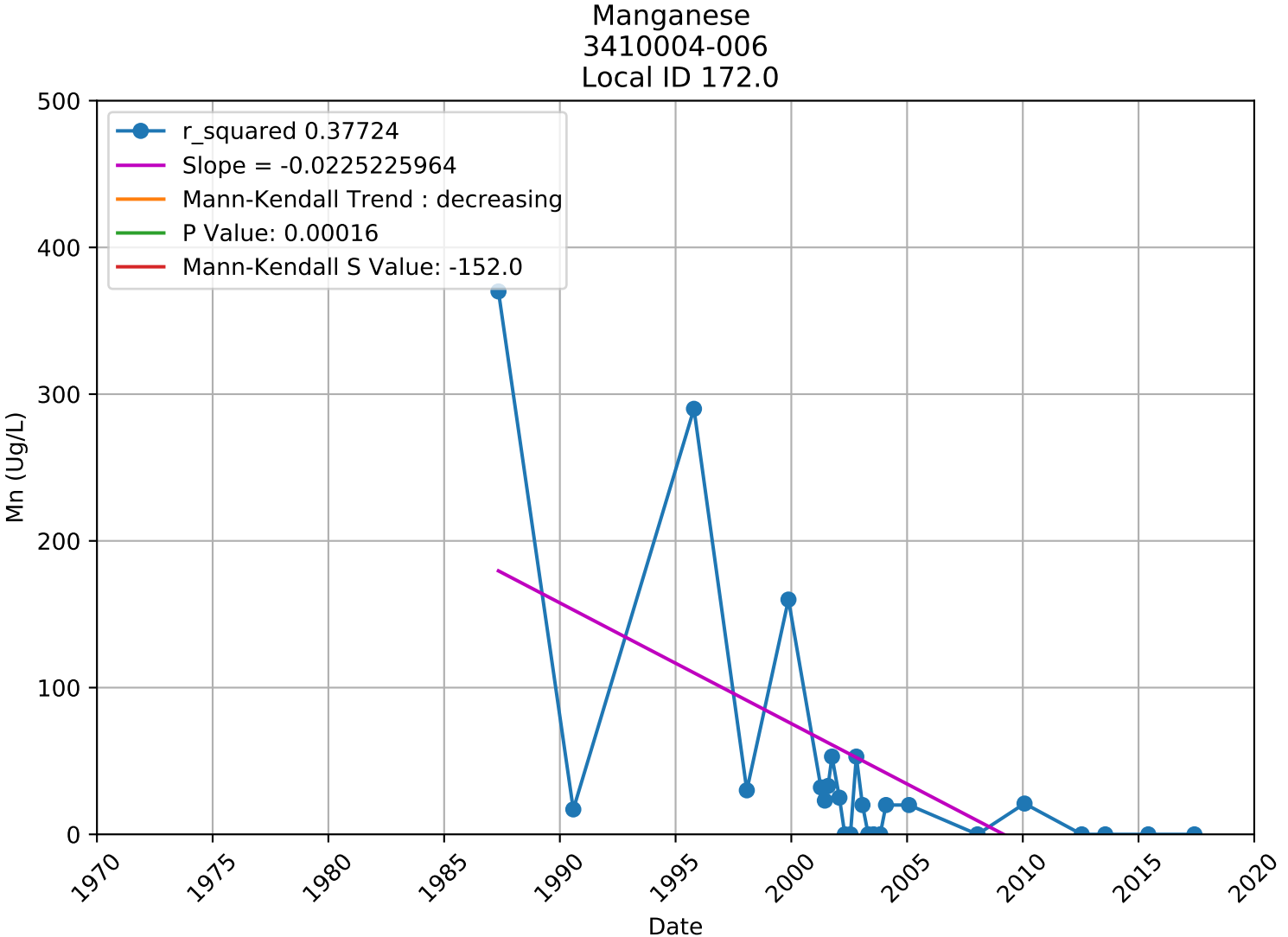

Manganese
3410003-006
Local ID 251.0
r_squared 0.38914
Slope = 0.0013922330
Mann-Kendall Trend : increasing
P Value: 0.04004
Mann-Kendall S Value: 27.0
Mn (Ug/L)
Date
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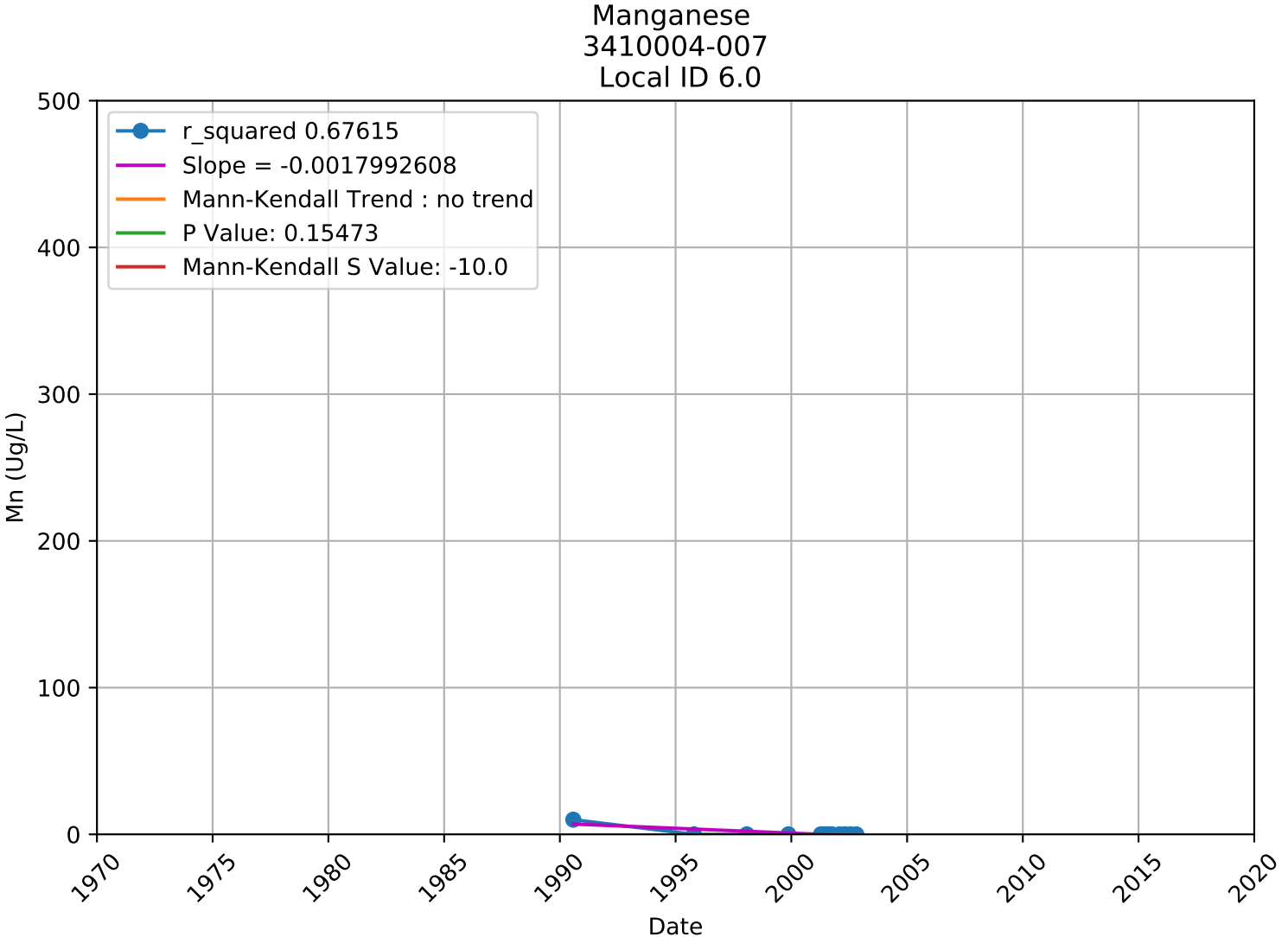

Manganese
3410003-008
Local ID 238.0
r_squared 0.02761
Slope = 0.0015063824
Mann-Kendall Trend : no trend
P Value: 0.34649
Mann-Kendall S Value: 20.0
Mn (Ug/L)
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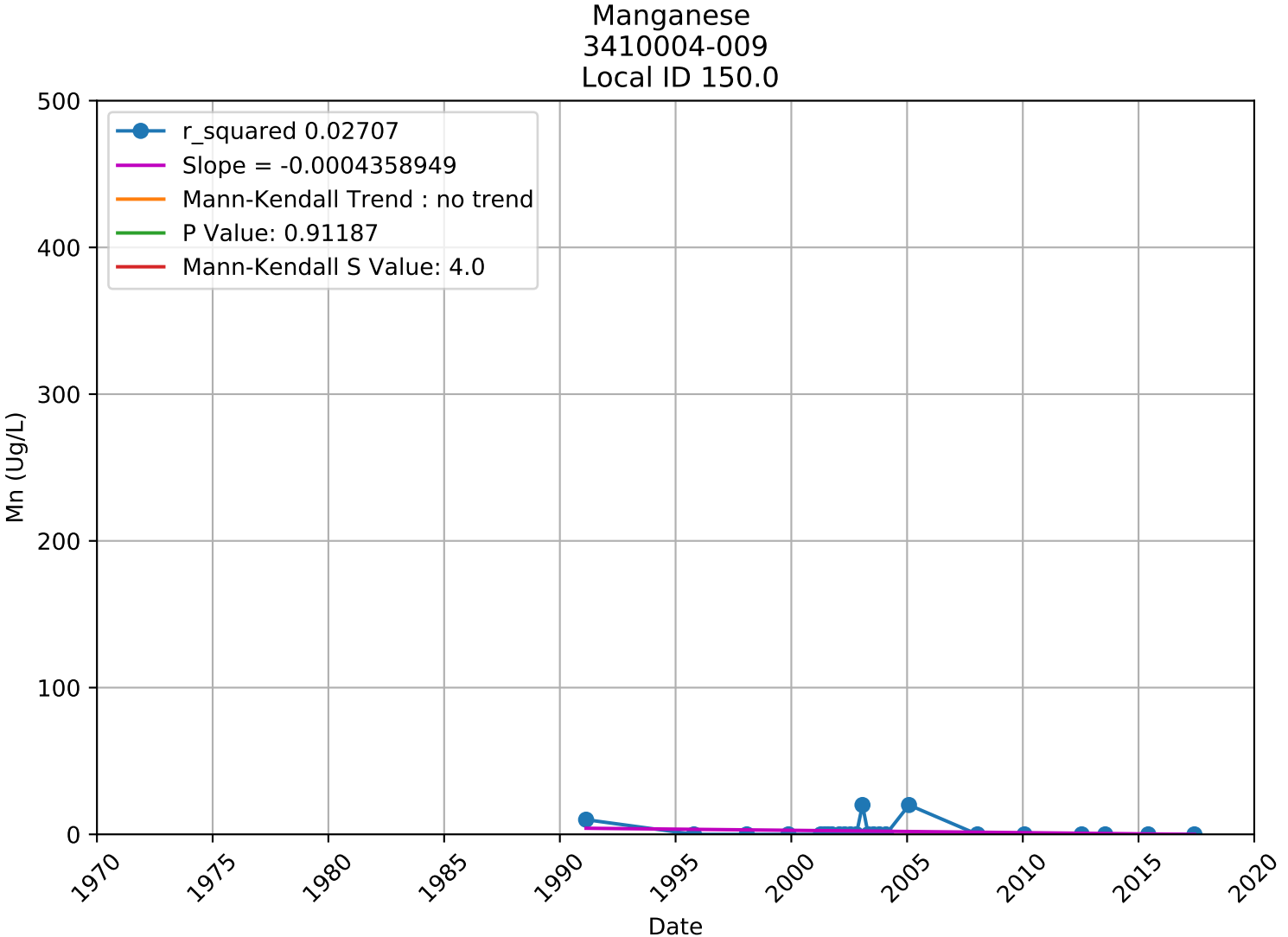

Manganese
3410004-001
Local ID 74.0
r_squared 0.37158
Slope = -0.0245743363
Mann-Kendall Trend : decreasing
P Value: 0.03628
Mann-Kendall S Value: -24.0
Mn (Ug/L)
Date
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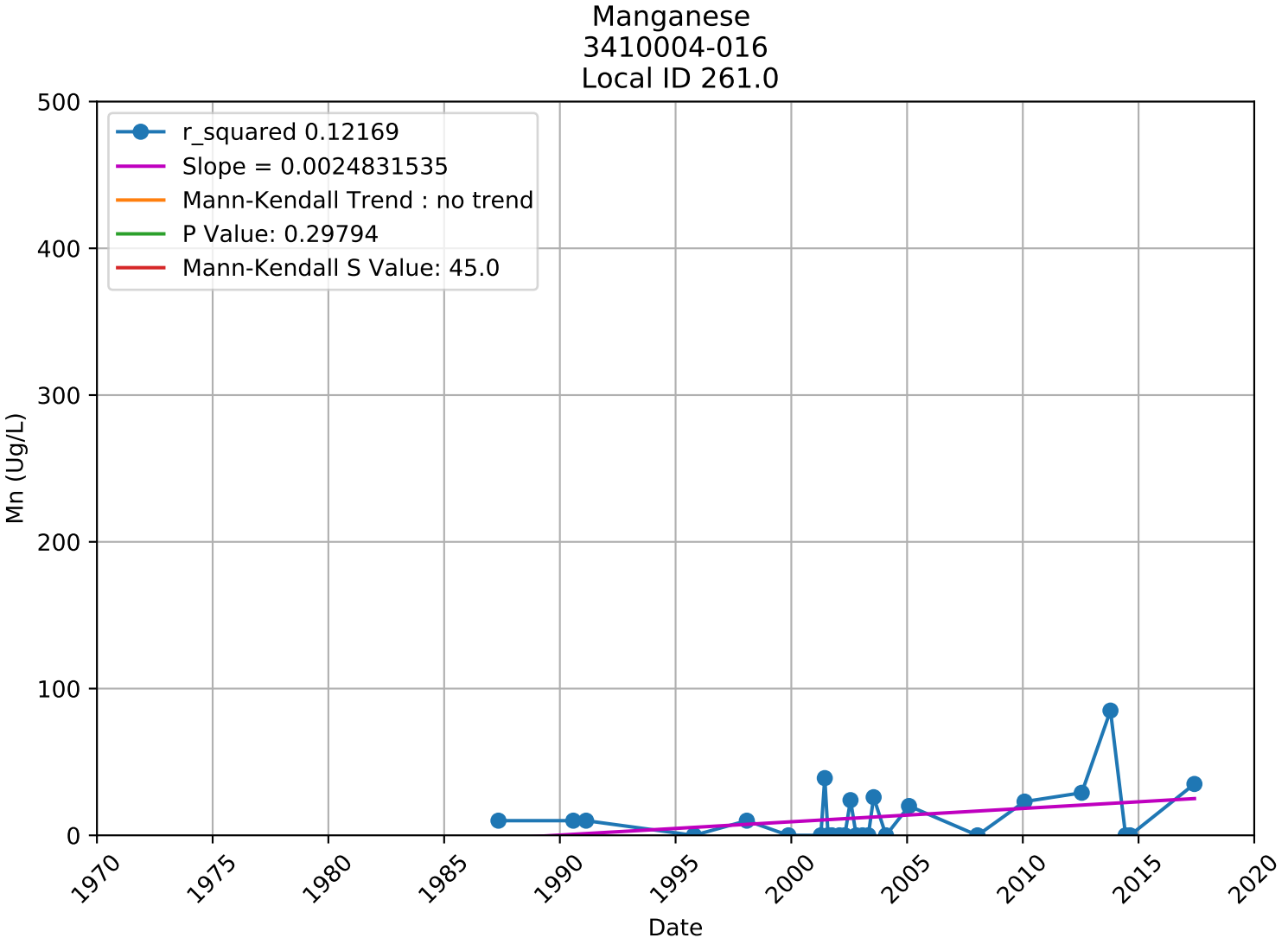

Manganese
3410004-004
Local ID 83.0
r_squared 0.05429
Slope = 0.0094282673
Mann-Kendall Trend : no trend
P Value: 0.42352
Mann-Kendall S Value: 17.0
Mn (Ug/L)
Date
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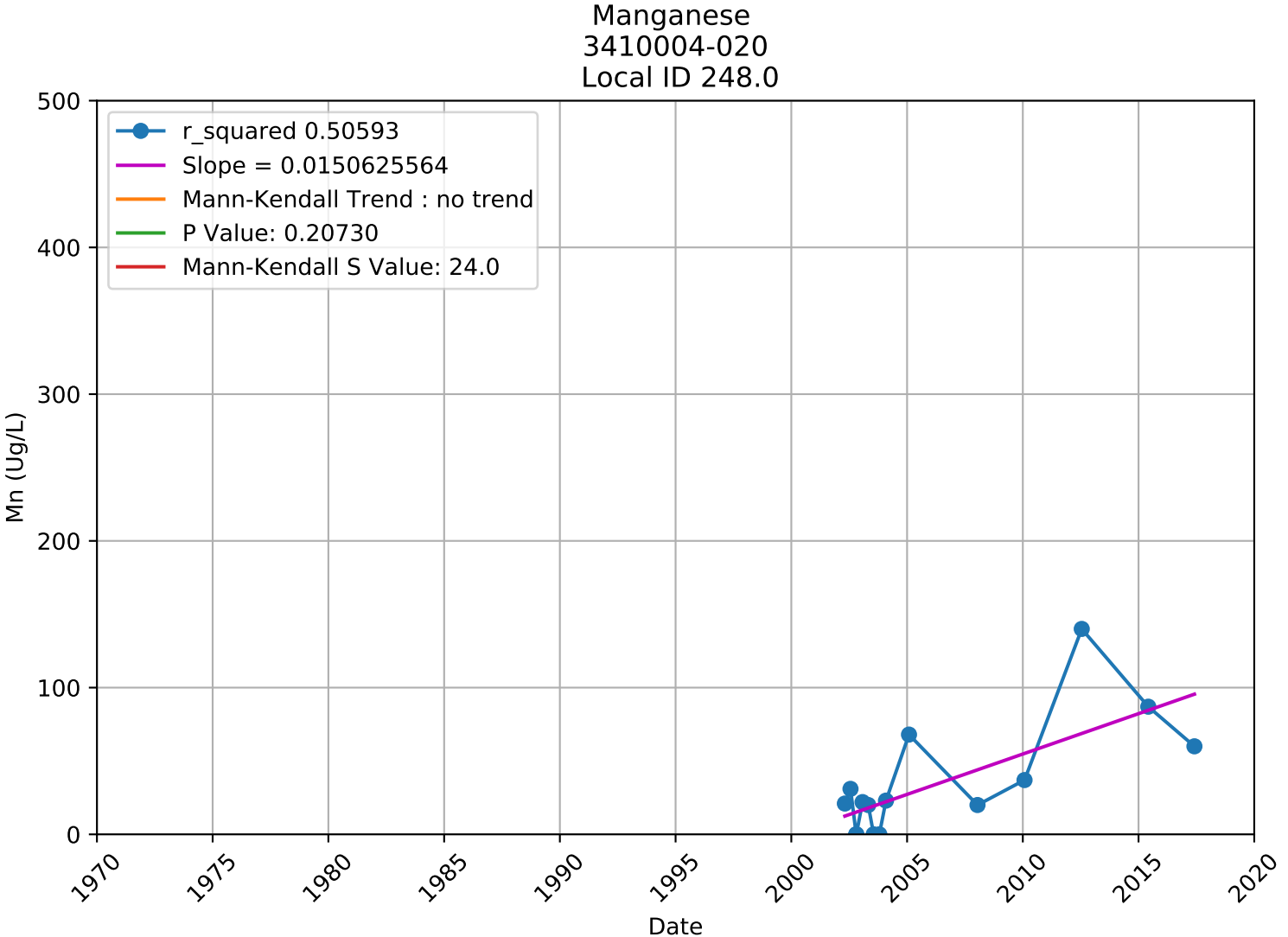

Manganese
3410004-005
Local ID 175.0
r_squared 0.37984
Slope = 0.0093597308
Mann-Kendall Trend : no trend
P Value: 0.75445
Mann-Kendall S Value: 4.0
Mn (Ug/L)
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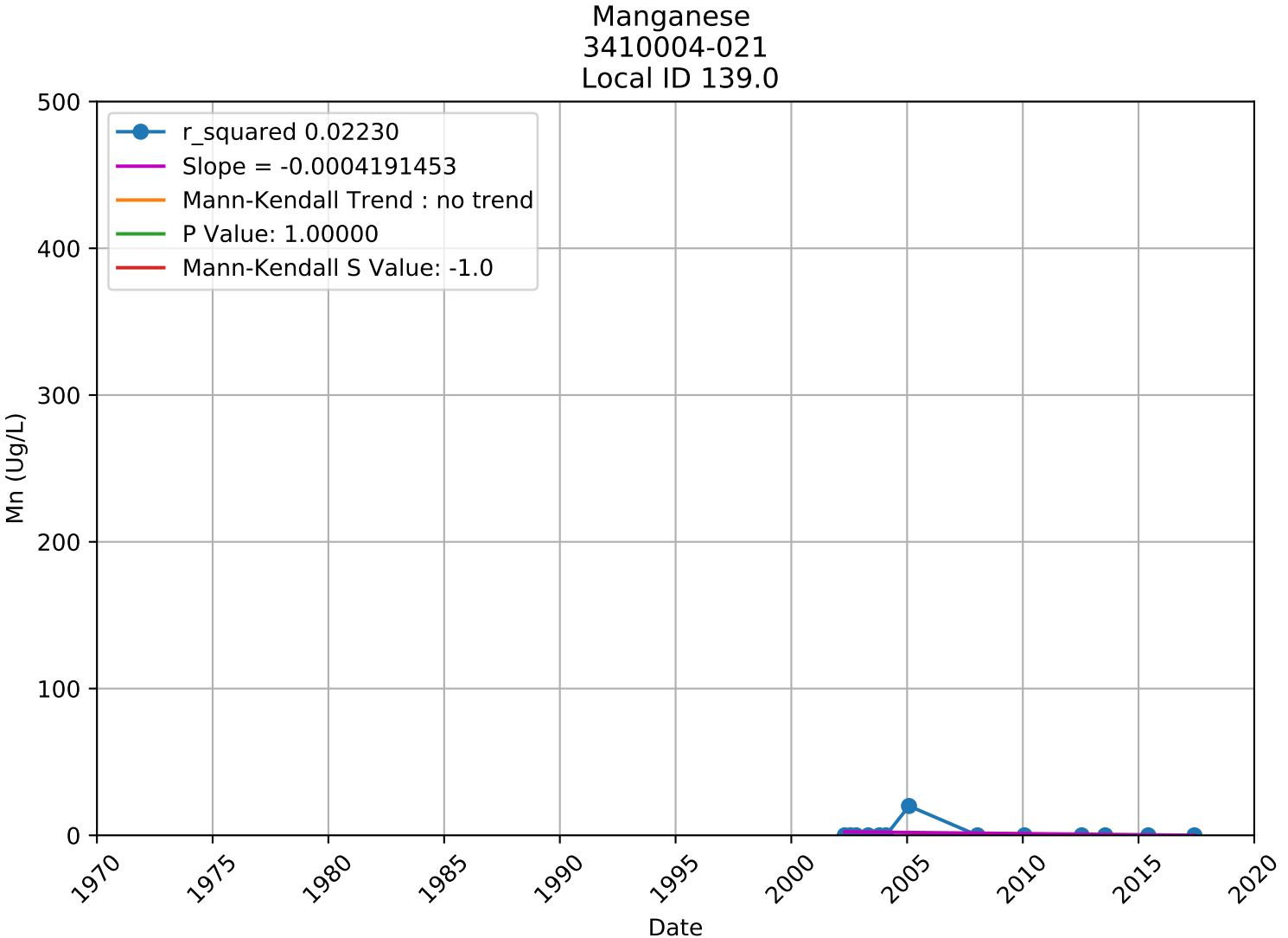

Manganese
3410004-006
Local ID 172.0
r_squared 0.37724
Slope = -0.0225225964
Mann-Kendall Trend : decreasing
P Value: 0.00016
Mann-Kendall S Value: -152.0
Mn (Ug/L)
Date
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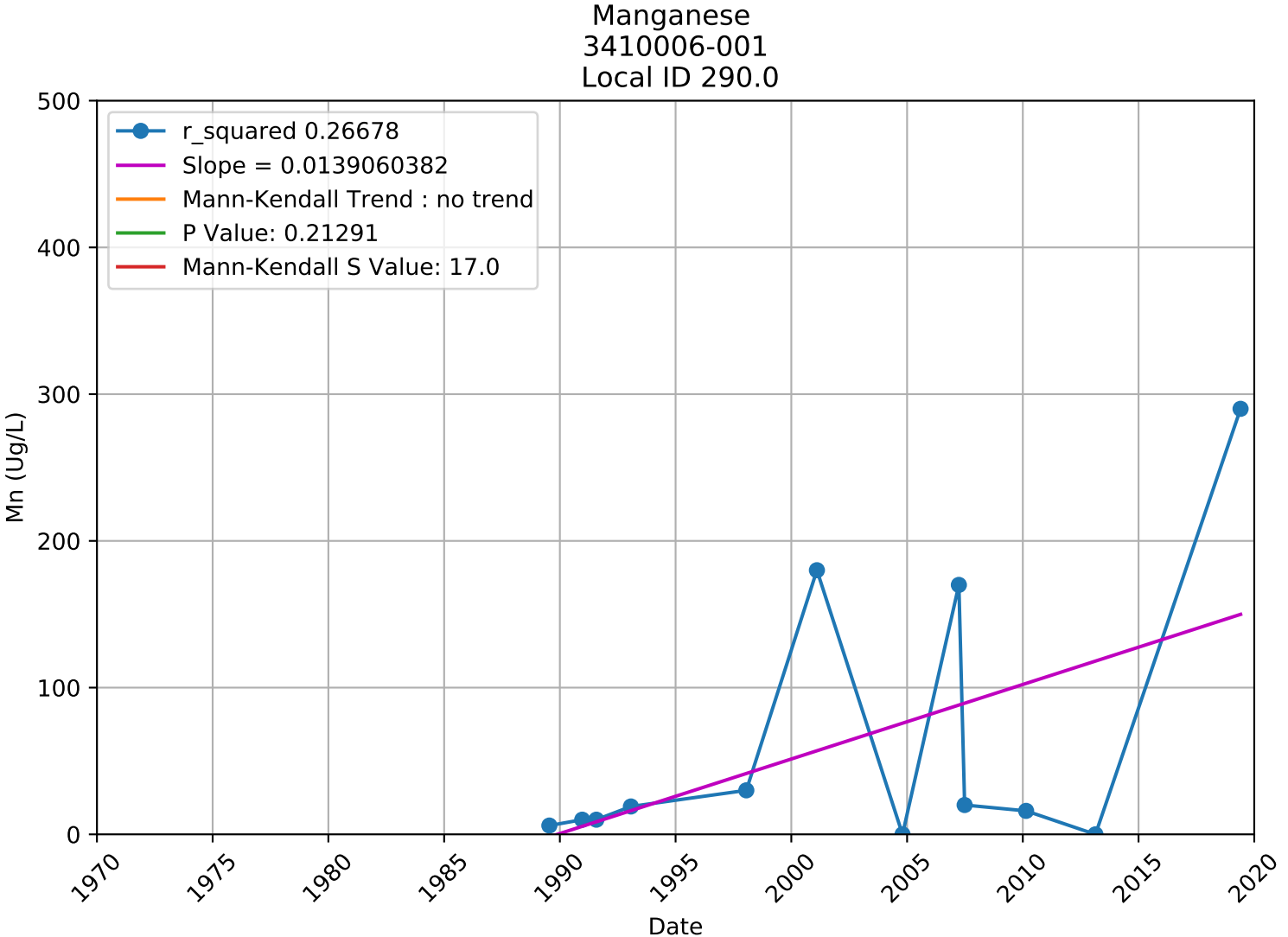

Manganese
3410004-007
Local ID 6.0
r_squared 0.67615
Slope = -0.0017992608
Mann-Kendall Trend : no trend
P Value: 0.15473
Mann-Kendall S Value: -10.0
Mn (Ug/L)
Date
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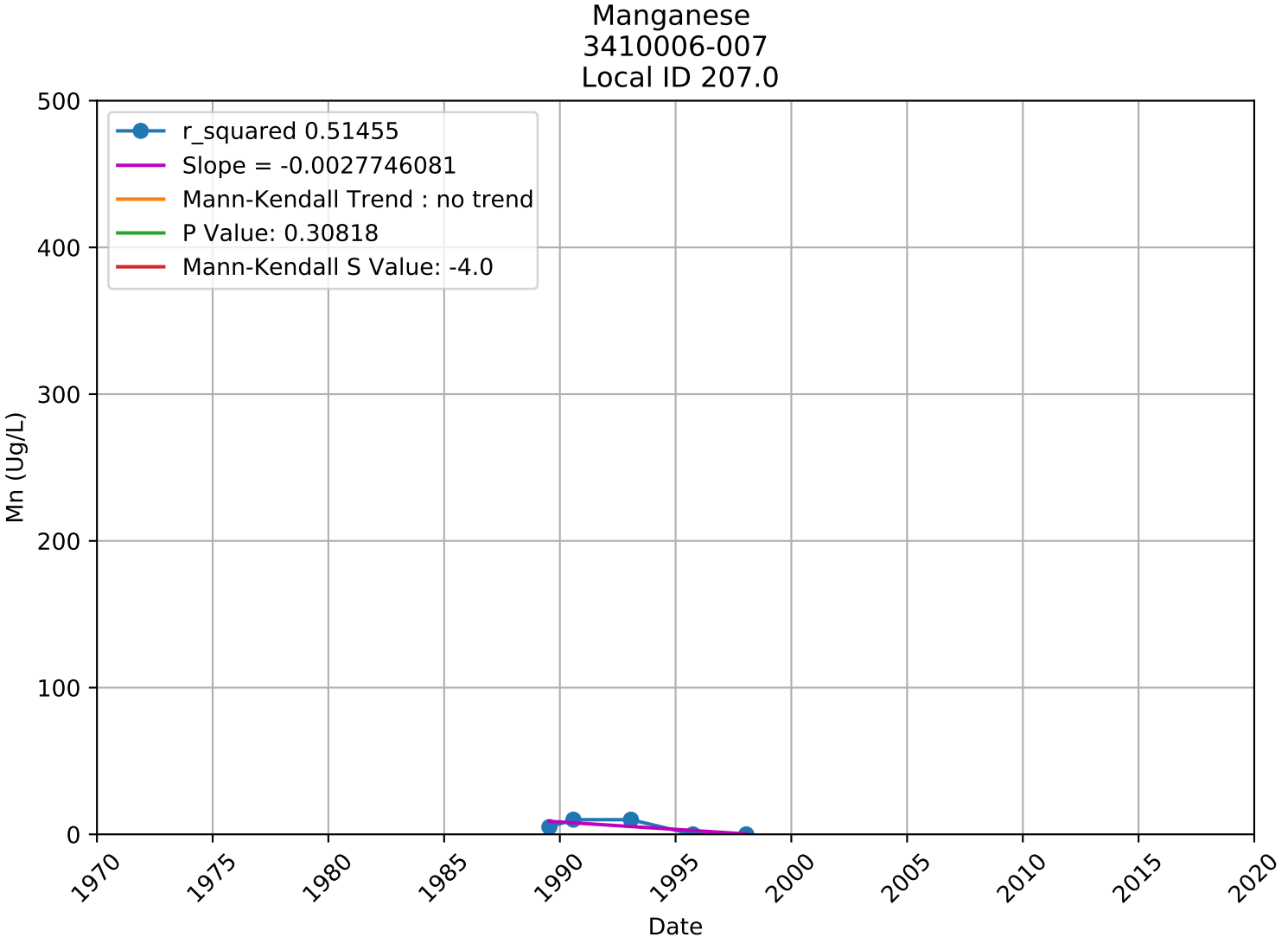

Manganese
3410004-009
Local ID 150.0
r_squared 0.02707
Slope = -0.0004358949
Mann-Kendall Trend : no trend
P Value: 0.91187
Mann-Kendall S Value: 4.0
Mn (Ug/L)
Date
500
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1970
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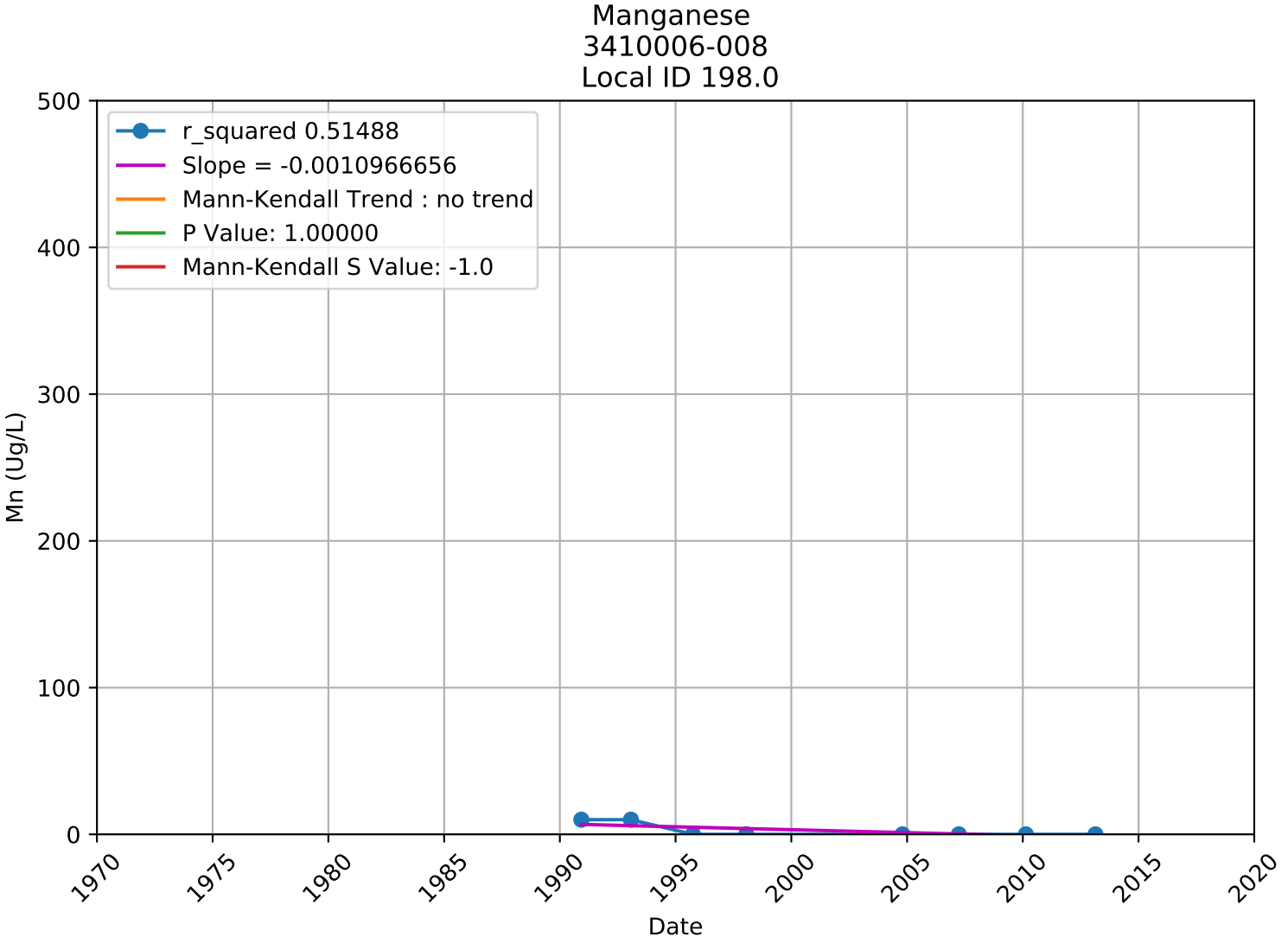

Manganese
3410004-016
Local ID 261.0
r_squared 0.12169
Slope = 0.0024831535
Mann-Kendall Trend : no trend
P Value: 0.29794
Mann-Kendall S Value: 45.0
Mn (Ug/L)
Date
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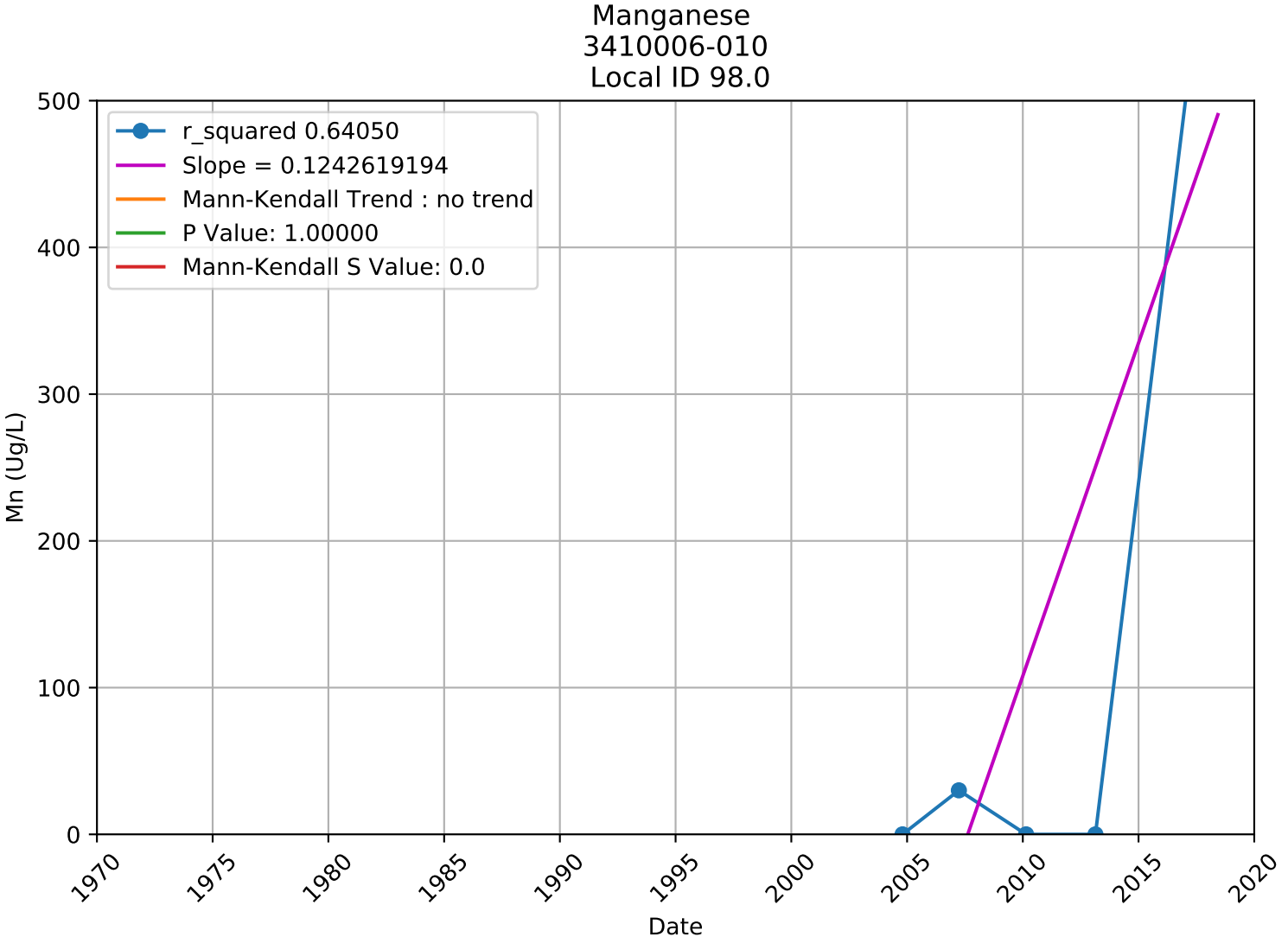

Manganese
3410004-020
Local ID 248.0
r_squared 0.50593
Slope = 0.0150625564
Mann-Kendall Trend : no trend
P Value: 0.20730
Mann-Kendall S Value: 24.0
Mn (Ug/L)
Date
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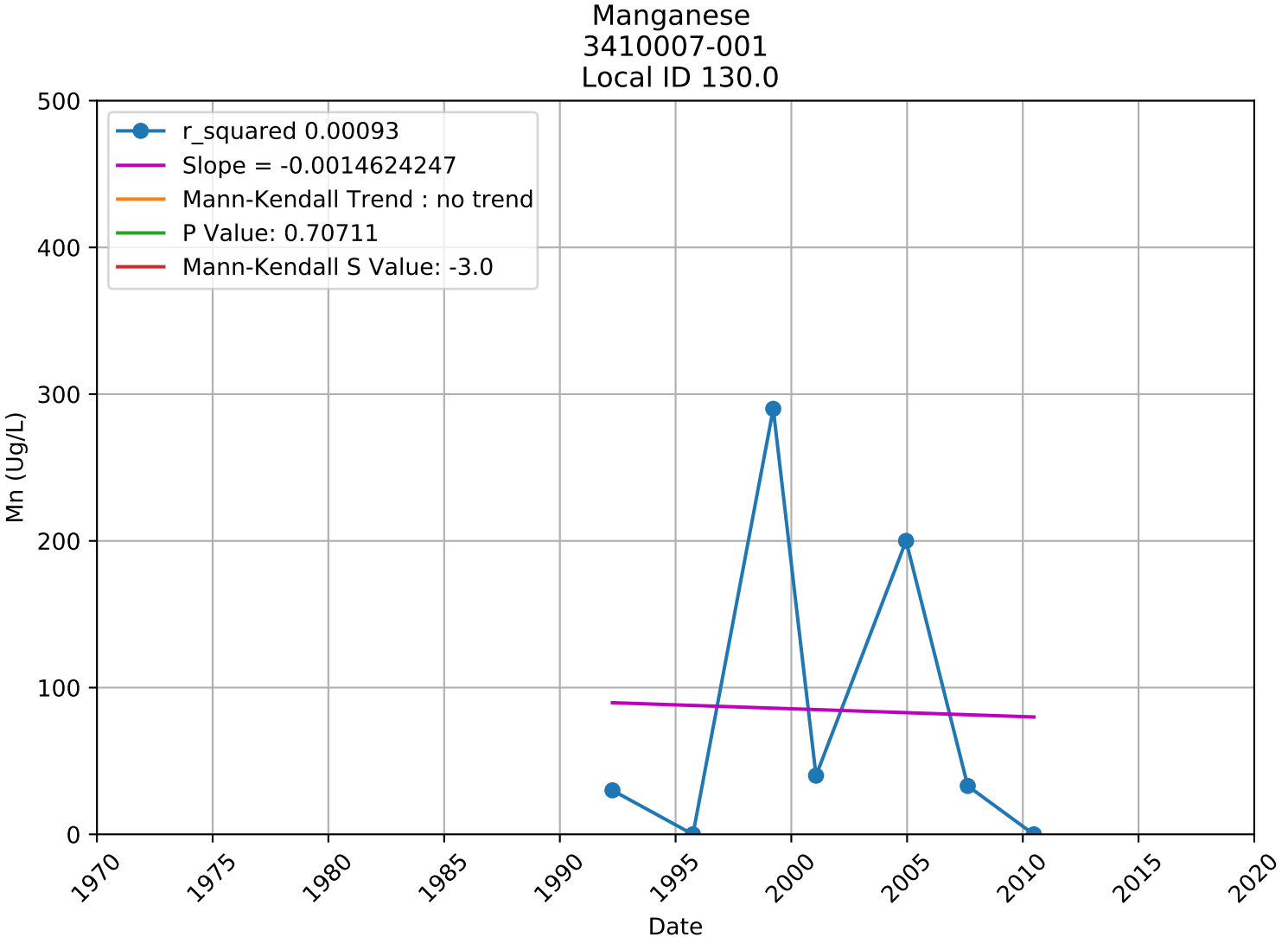

Manganese
3410004-021
Local ID 139.0
r_squared 0.02230
Slope = -0.0004191453
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
Mn (Ug/L)
Date
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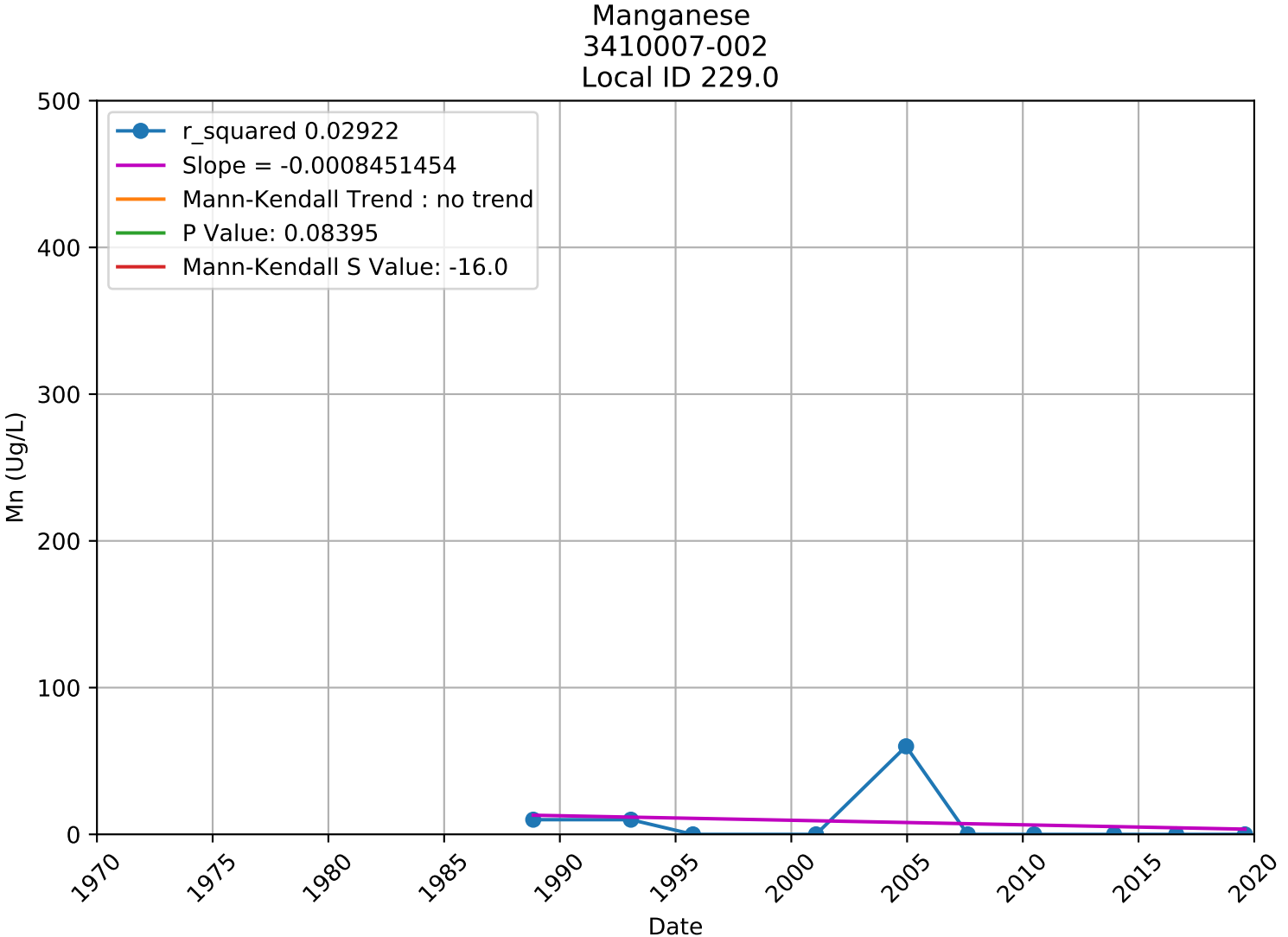

Manganese
3410006-001
Local ID 290.0
r_squared 0.26678
Slope = 0.0139060382
Mann-Kendall Trend : no trend
P Value: 0.21291
Mann-Kendall S Value: 17.0
Mn (Ug/L)
Date
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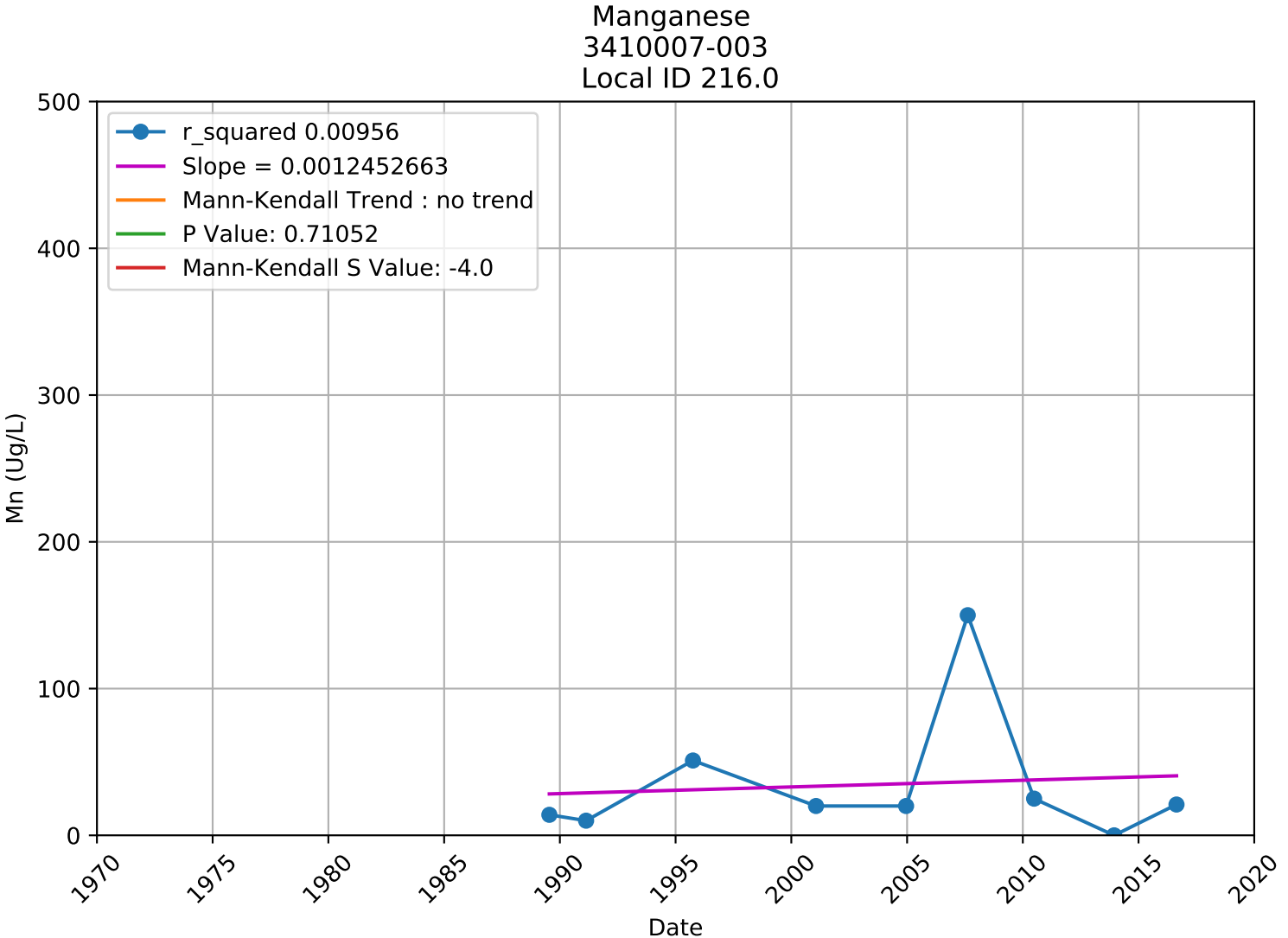

Manganese
3410006-007
Local ID 207.0
r_squared 0.51455
Slope = -0.0027746081
Mann-Kendall Trend : no trend
P Value: 0.30818
Mann-Kendall S Value: -4.0
Mn (Ug/L)
Date
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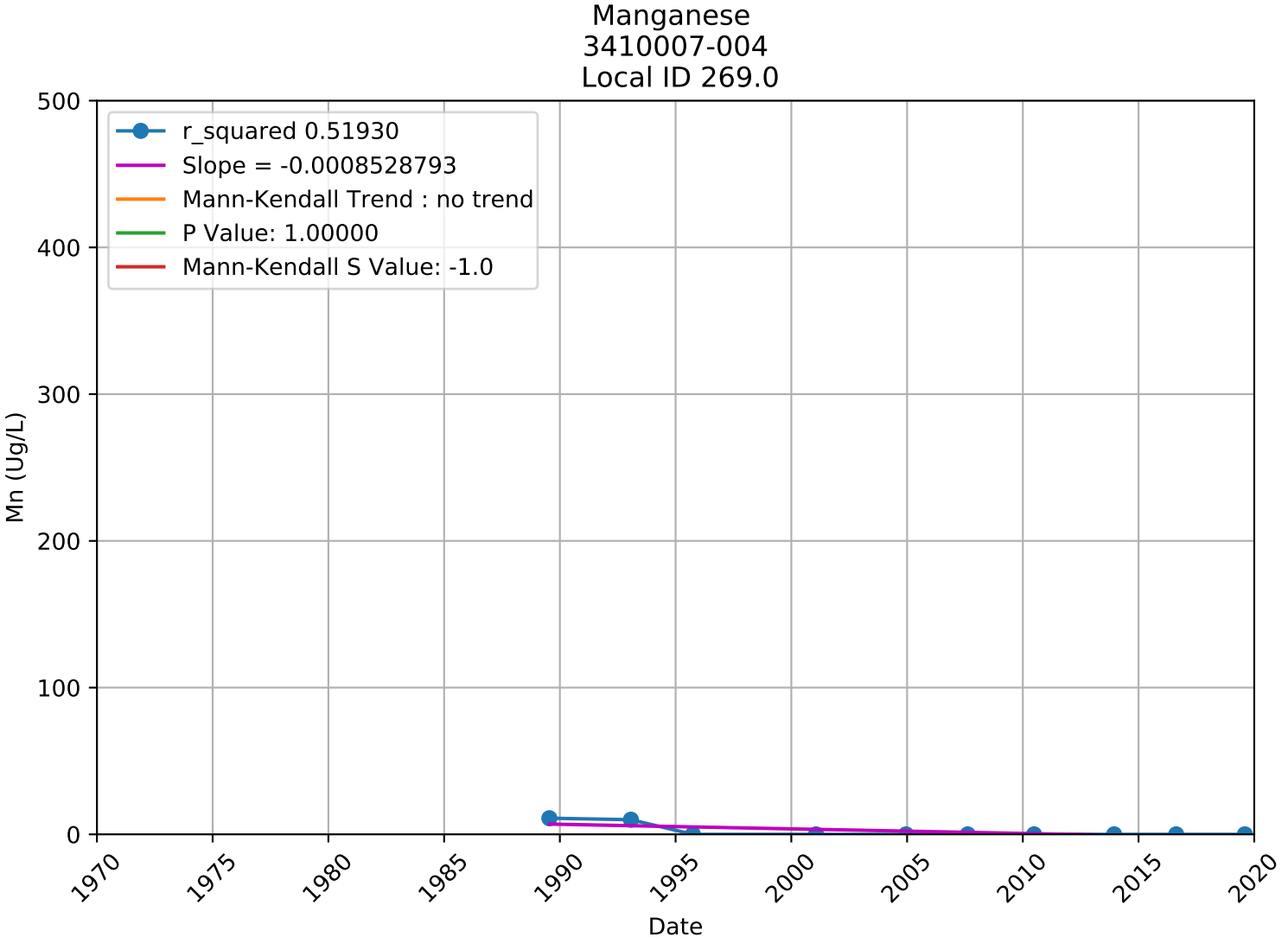

Manganese
3410006-008
Local ID 198.0
r_squared 0.51488
Slope = -0.0010966656
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
Mn (Ug/L)
Date
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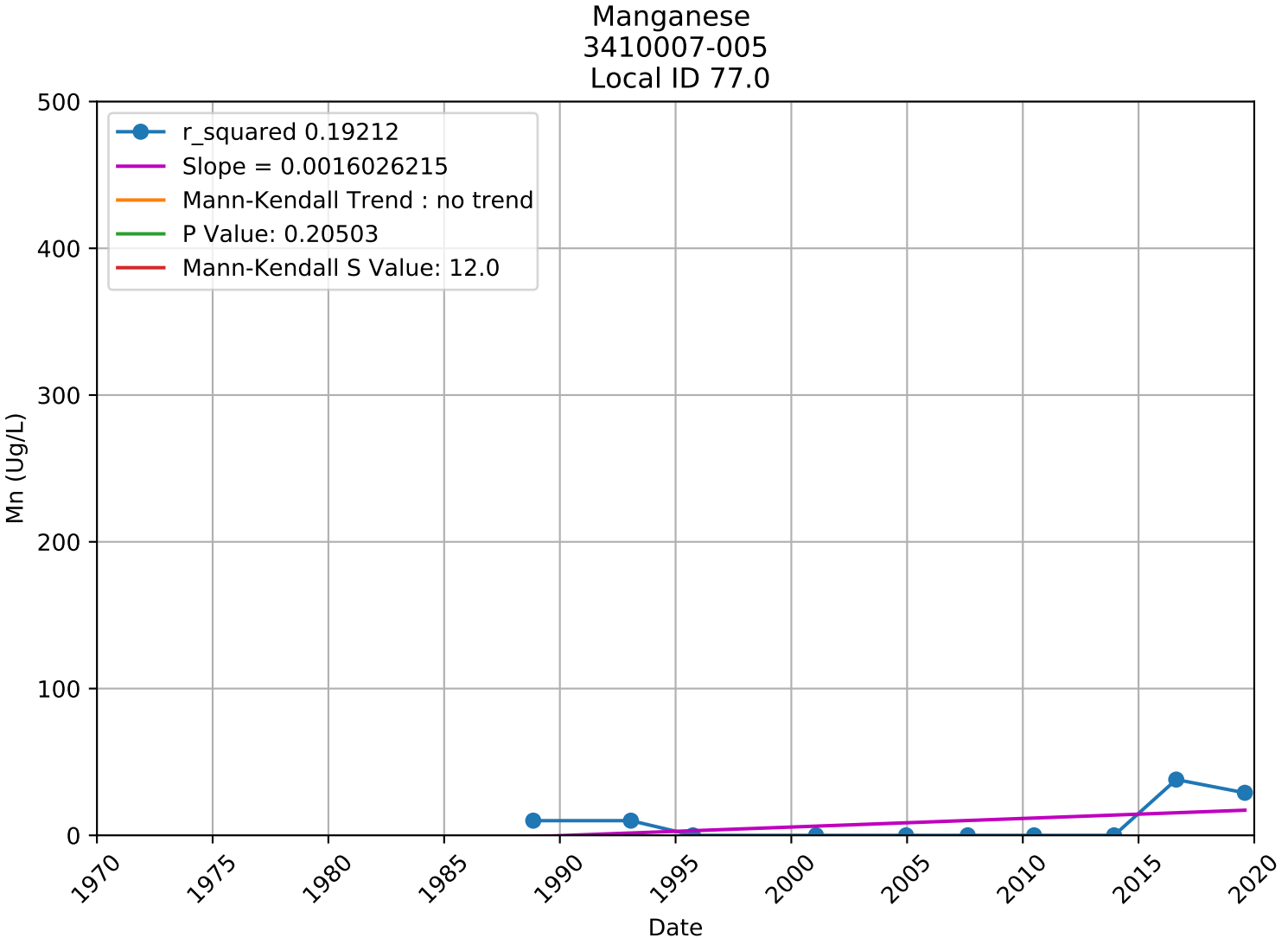

Manganese
3410006-010
Local ID 98.0
r_squared 0.64050
Slope = 0.1242619194
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Mn (Ug/L)
Date
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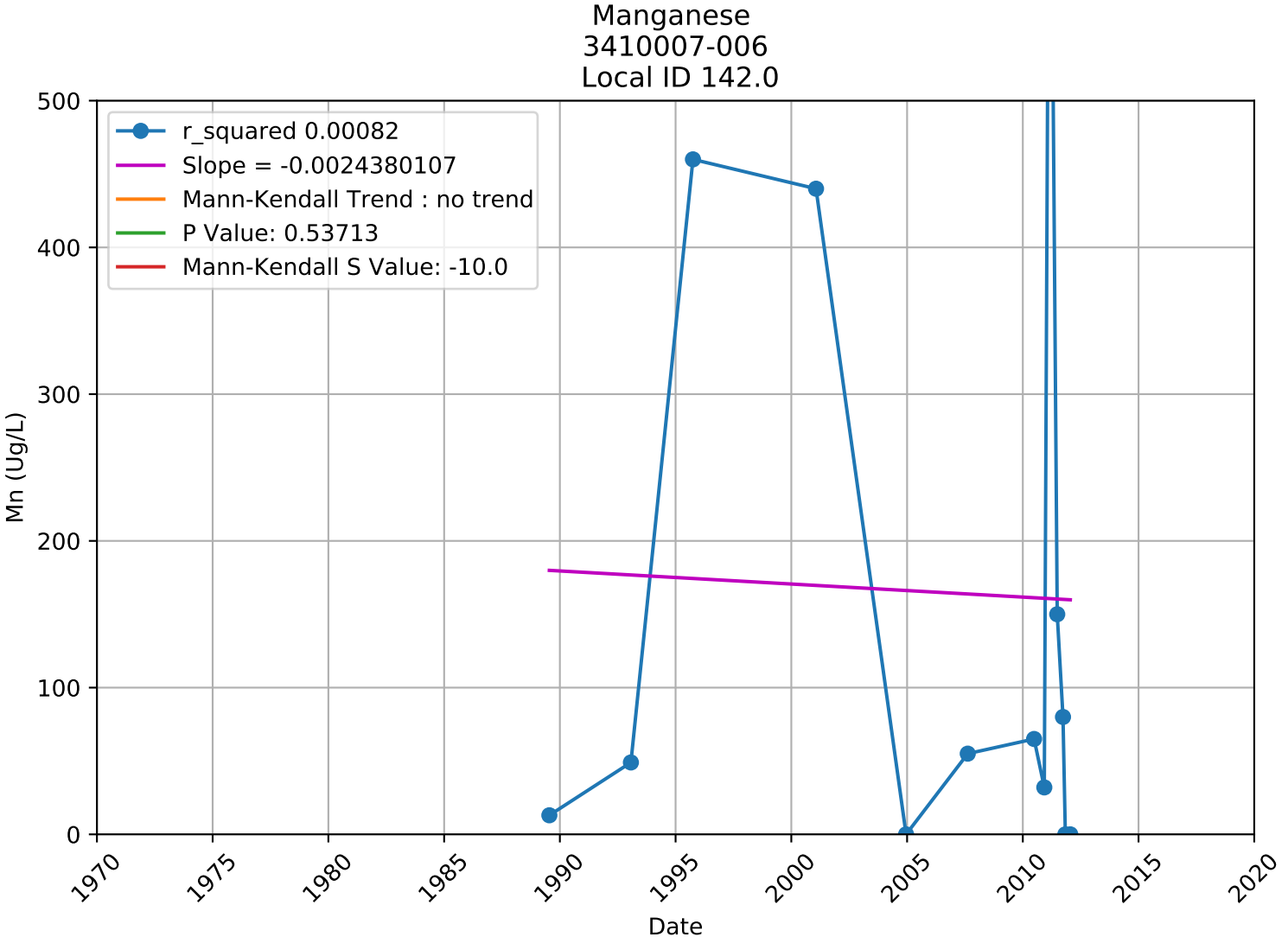

Manganese
3410007-001
Local ID 130.0
r_squared 0.00093
Slope = -0.0014624247
Mann-Kendall Trend : no trend
P Value: 0.70711
Mann-Kendall S Value: -3.0
Mn (Ug/L)
Date
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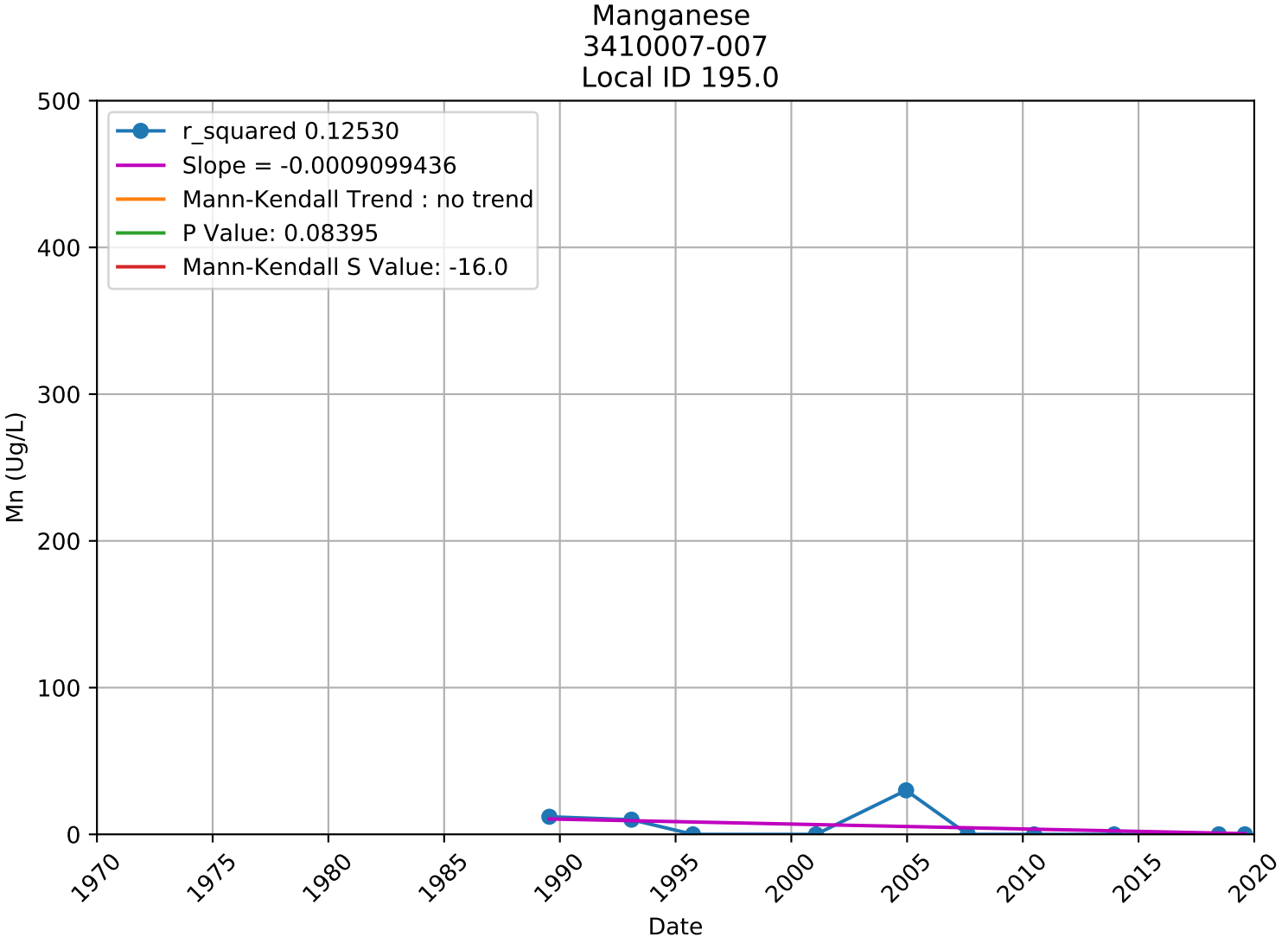

Manganese
3410007-002
Local ID 229.0
r_squared 0.02922
Slope = -0.0008451454
Mann-Kendall Trend : no trend
P Value: 0.08395
Mann-Kendall S Value: -16.0
Mn (Ug/L)
Date
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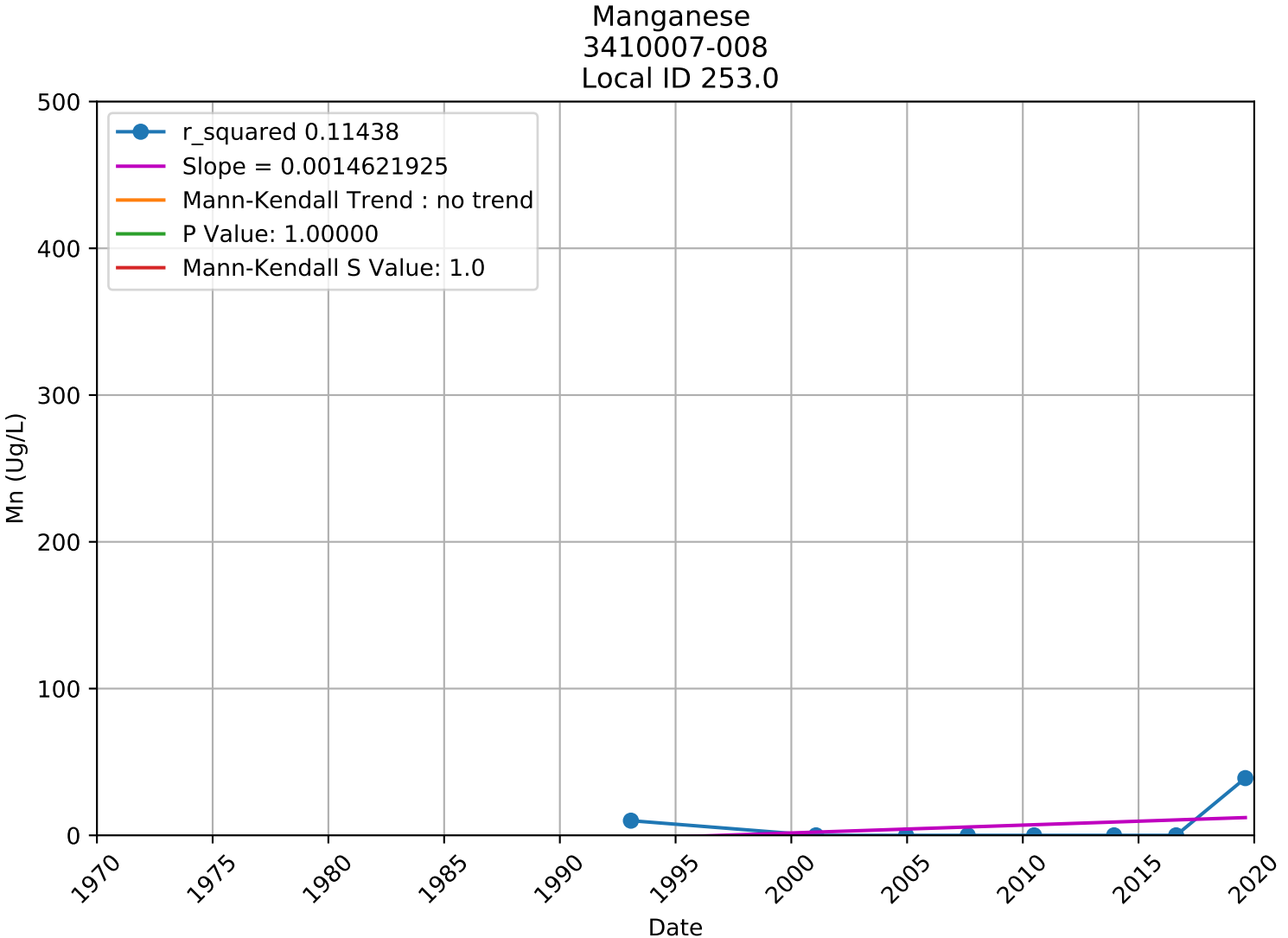

Manganese
3410007-003
Local ID 216.0
r_squared 0.00956
Slope = 0.0012452663
Mann-Kendall Trend : no trend
P Value: 0.71052
Mann-Kendall S Value: -4.0
Mn (Ug/L)
Date
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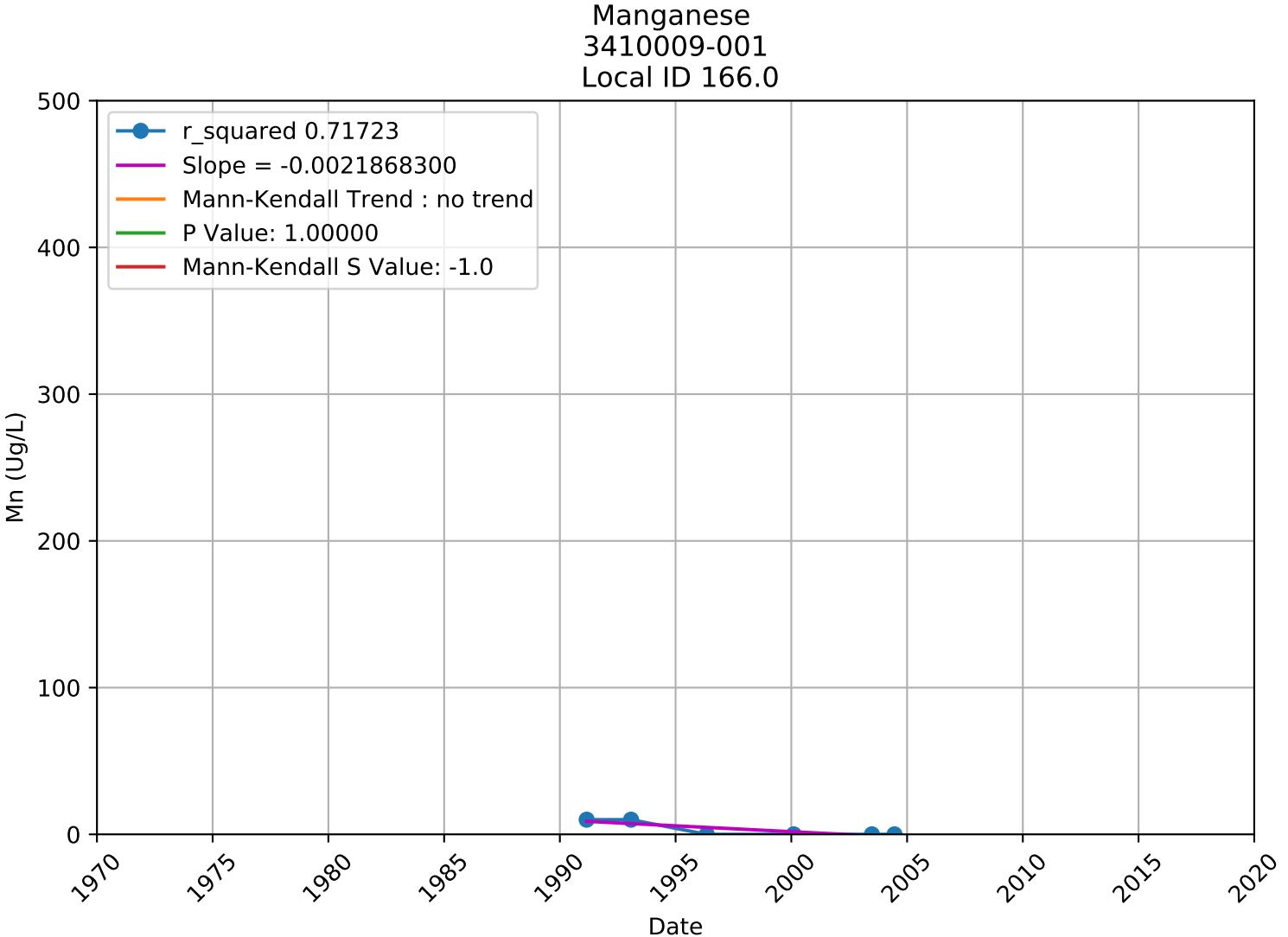

Manganese
3410007-004
Local ID 269.0
r_squared 0.51930
Slope = -0.0008528793
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
Mn (Ug/L)
Date
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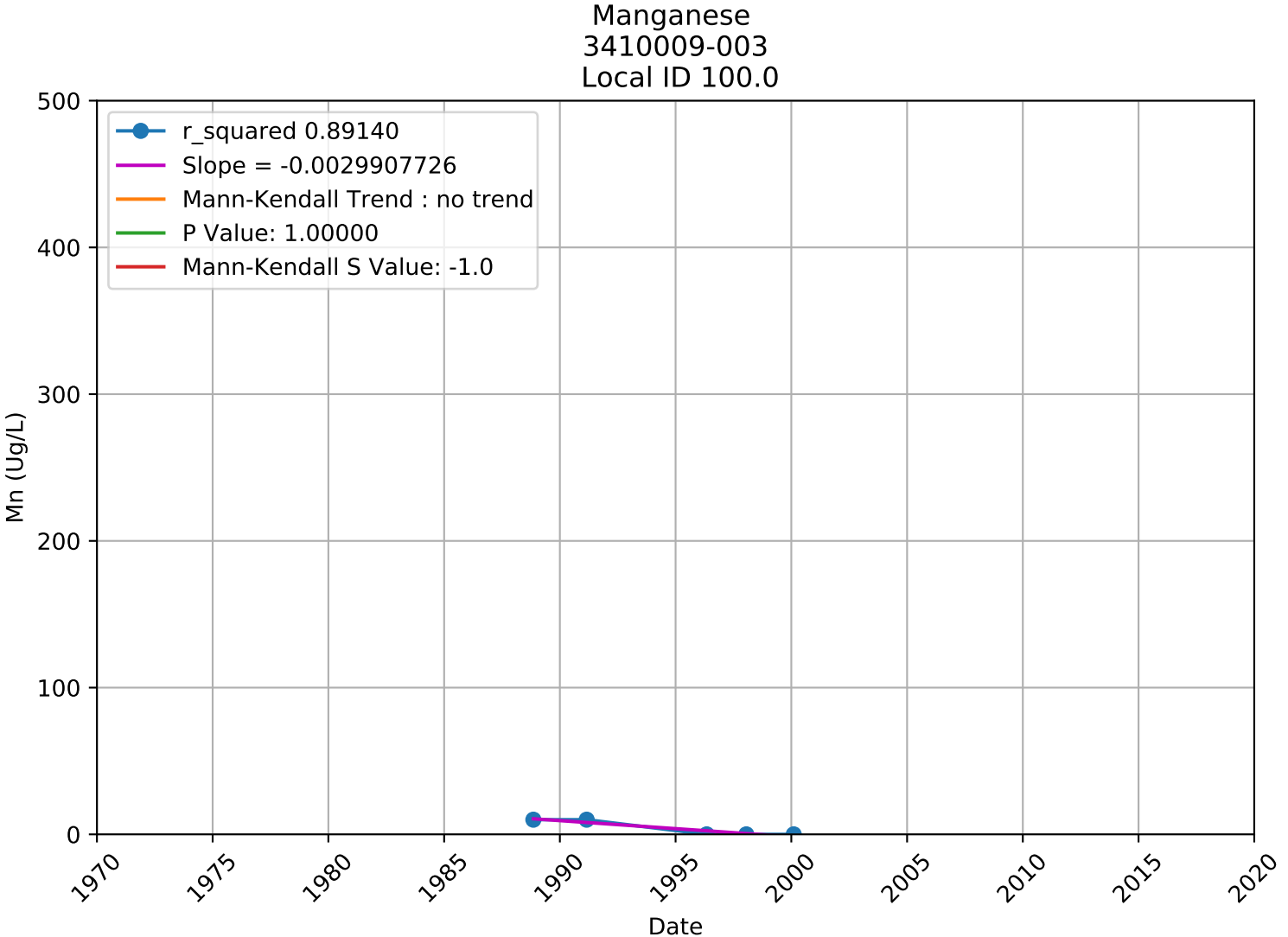

Manganese
3410007-005
Local ID 77.0
r_squared 0.19212
Slope = 0.0016026215
Mann-Kendall Trend : no trend
P Value: 0.20503
Mann-Kendall S Value: 12.0
Mn (Ug/L)
Date
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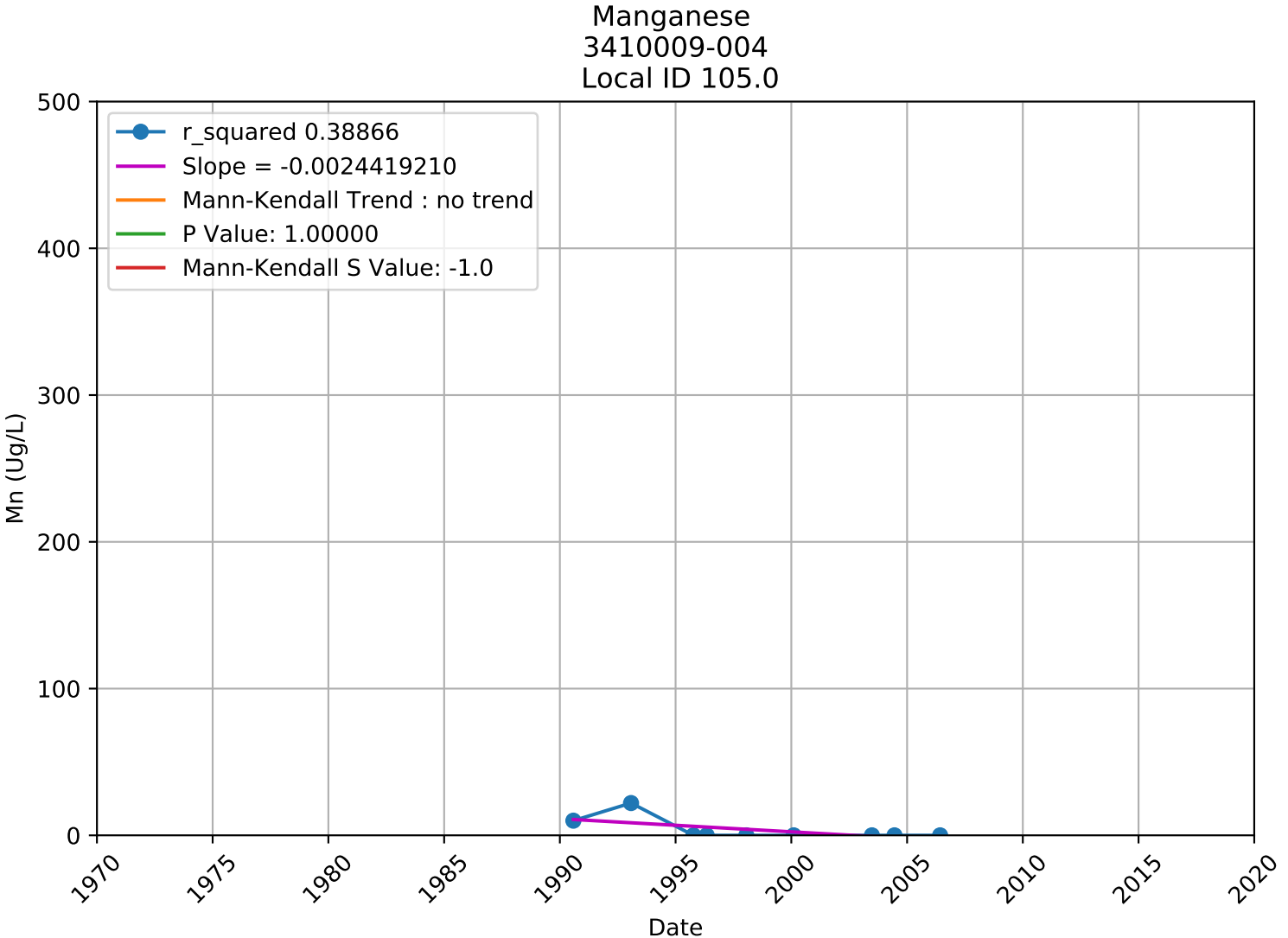

Manganese
3410007-006
Local ID 142.0
r_squared 0.00082
Slope = -0.0024380107
Mann-Kendall Trend : no trend
P Value: 0.53713
Mann-Kendall S Value: -10.0
Mn (Ug/L)
Date
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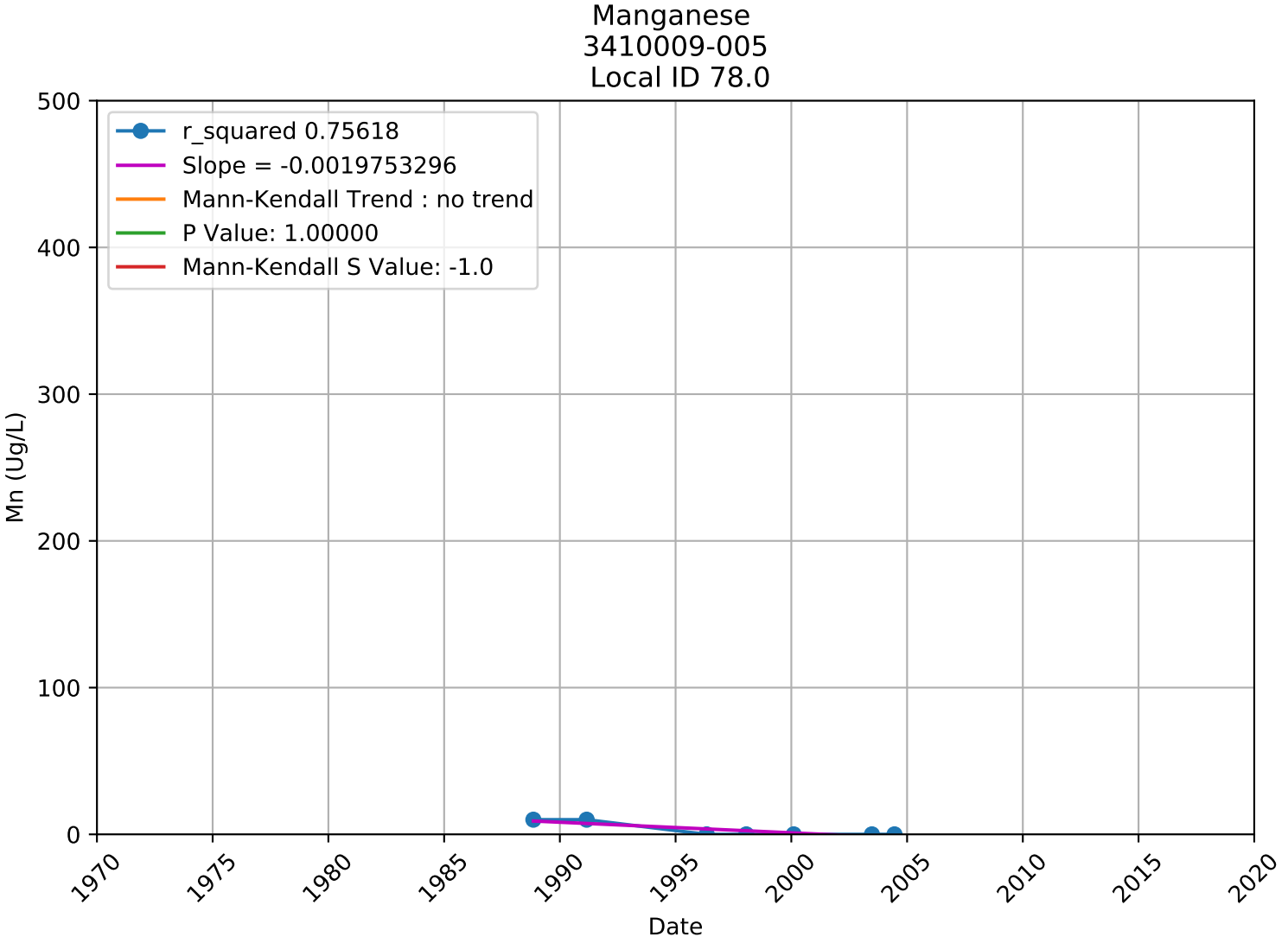

Manganese
3410007-007
Local ID 195.0
r_squared 0.12530
Slope = -0.0009099436
Mann-Kendall Trend : no trend
P Value: 0.08395
Mann-Kendall S Value: -16.0
Mn (Ug/L)
Date
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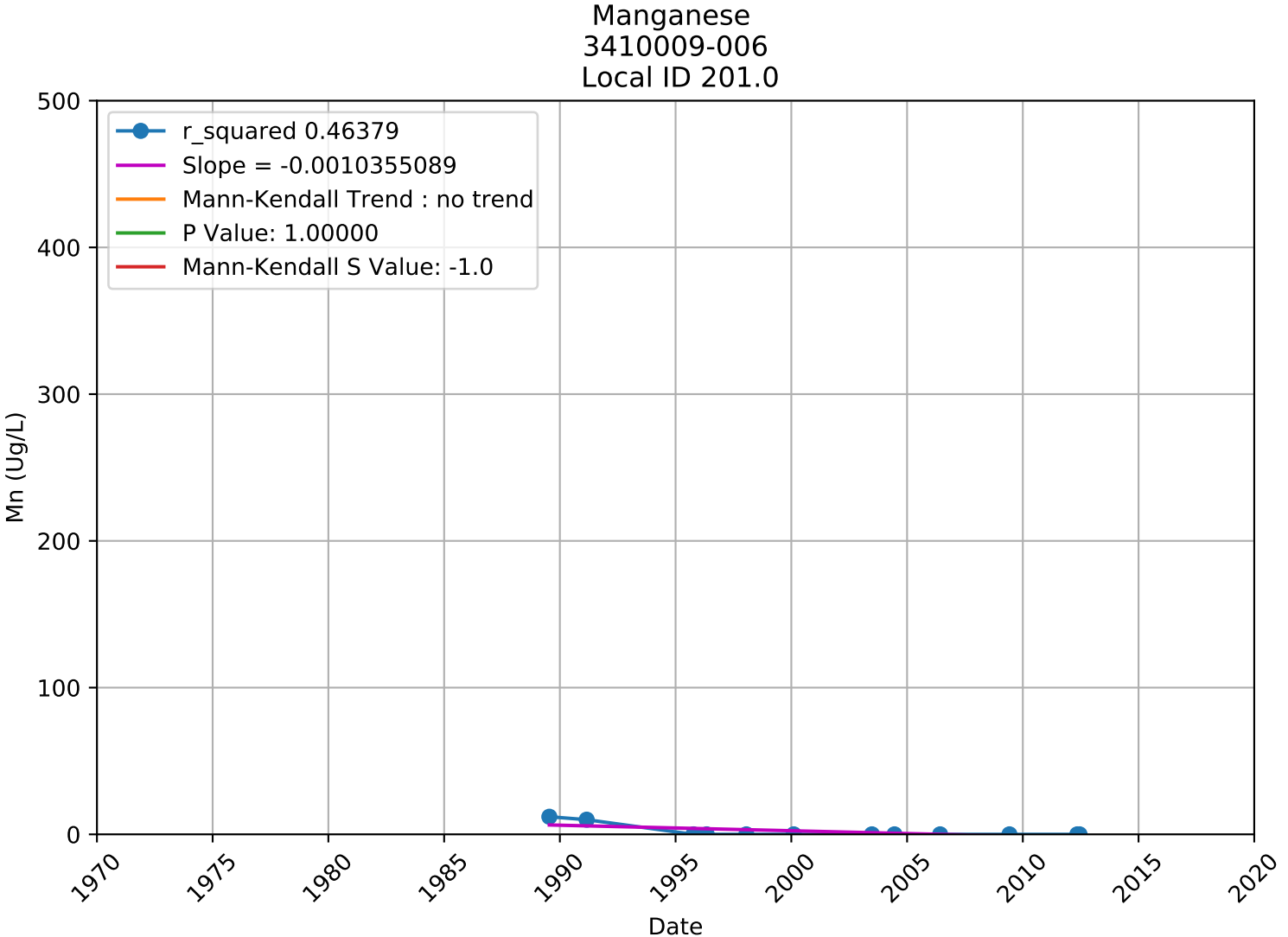

Manganese
3410007-008
Local ID 253.0
r_squared 0.11438
Slope = 0.0014621925
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
Mn (Ug/L)
Date
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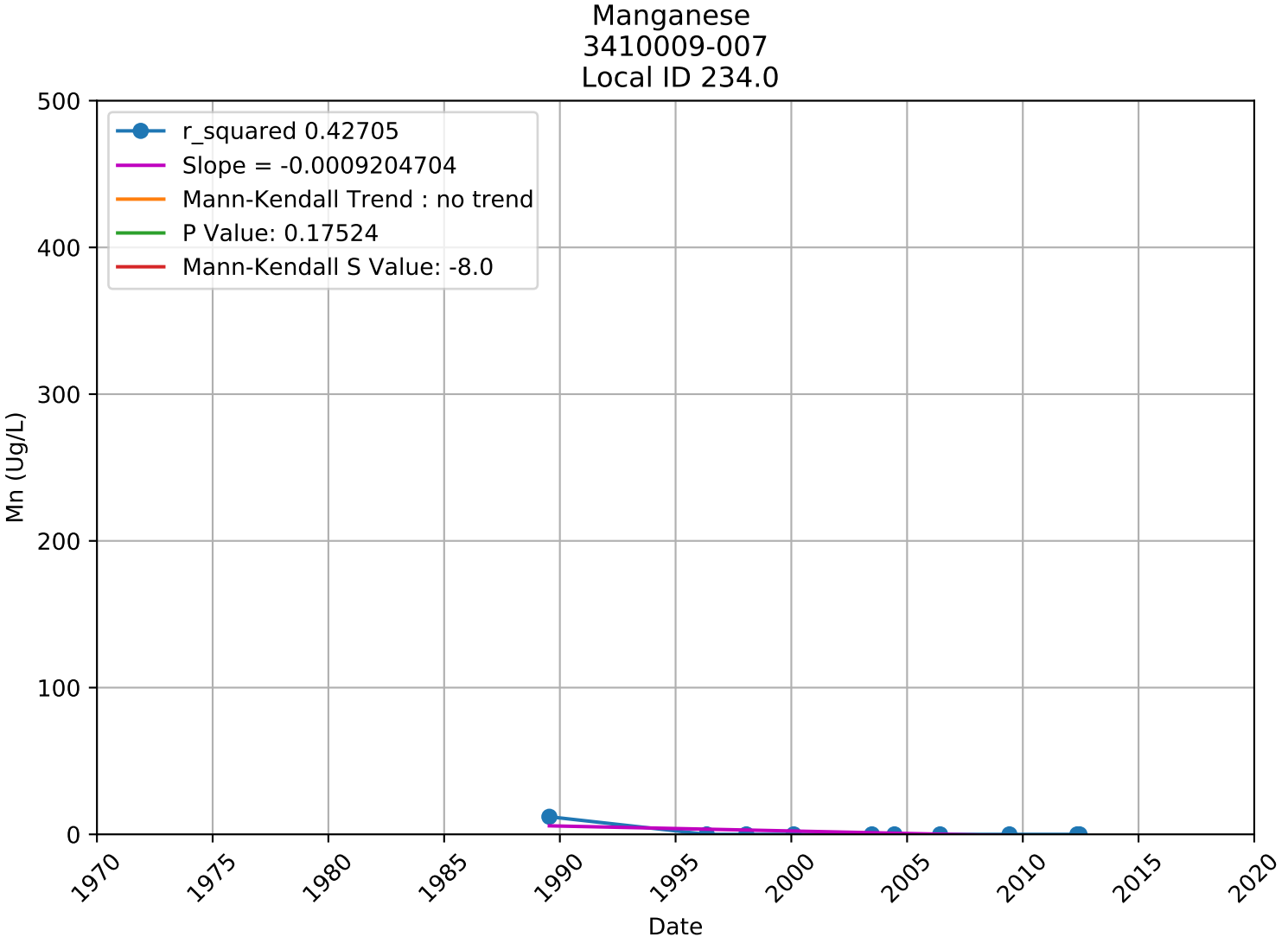

Manganese
3410009-001
Local ID 166.0
r_squared 0.71723
Slope = -0.0021868300
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
Mn (Ug/L)
Date
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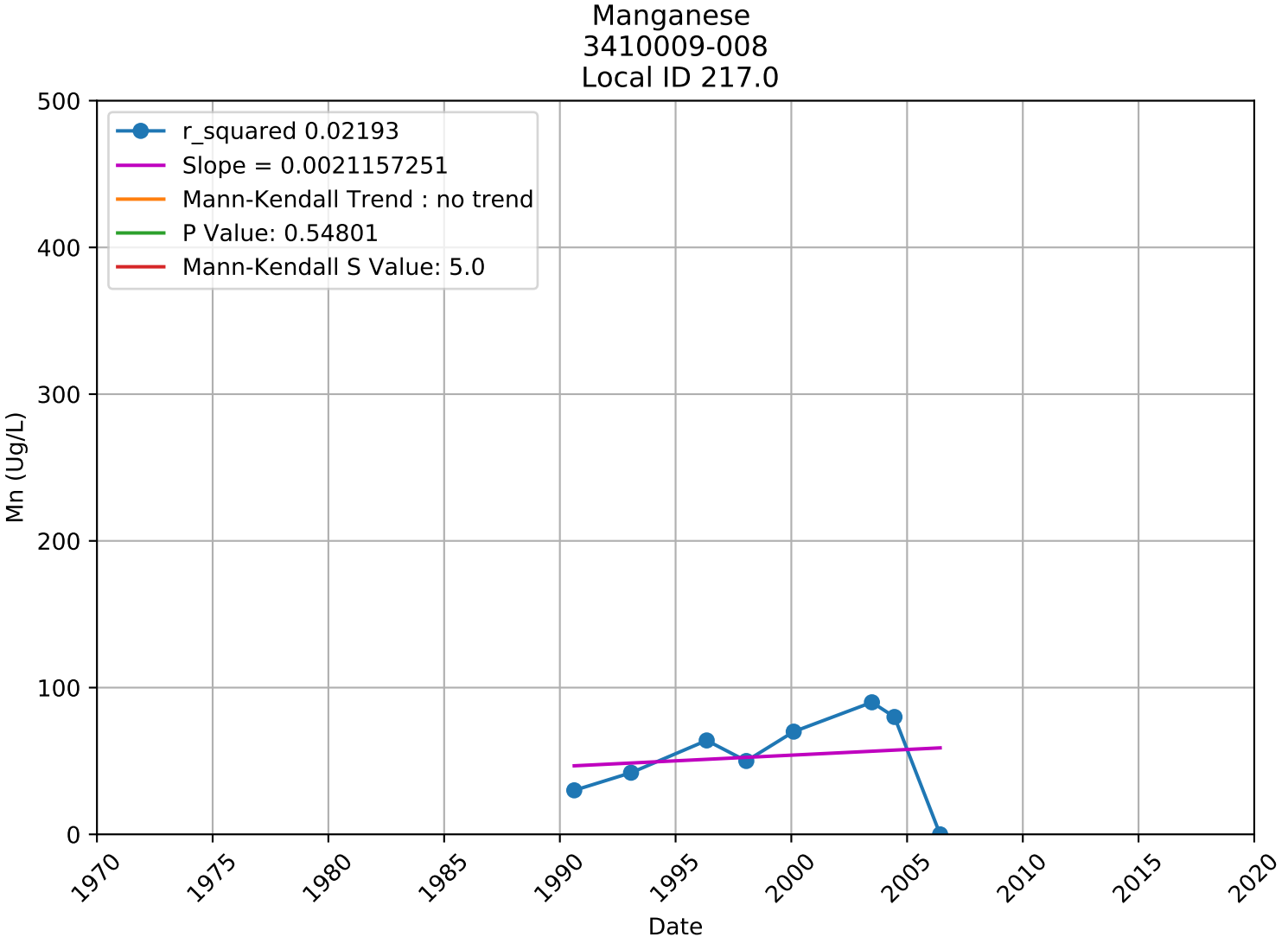

Manganese
3410009-003
Local ID 100.0
r_squared 0.89140
Slope = -0.0029907726
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
Mn (Ug/L)
Date
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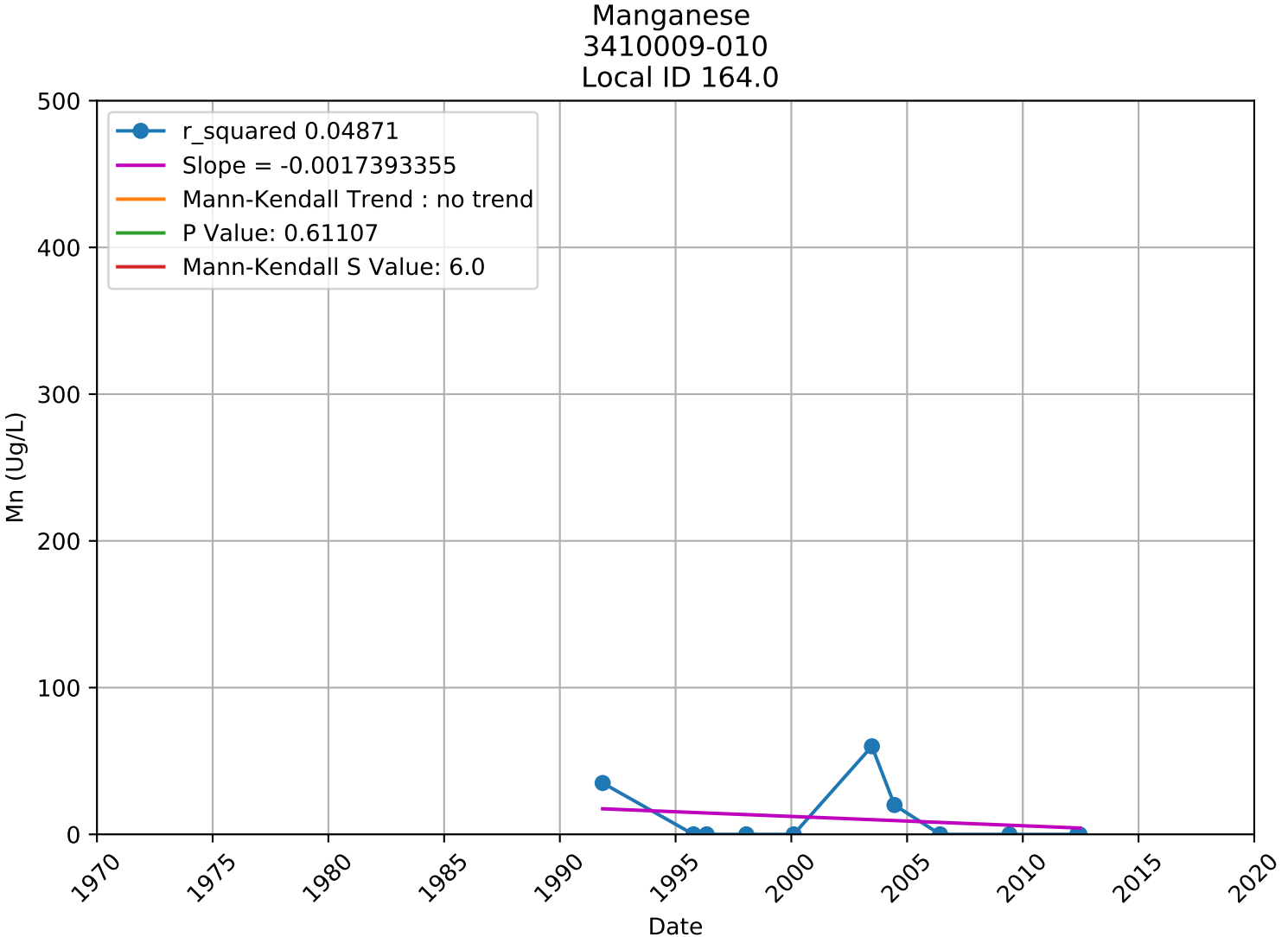

Manganese
3410009-004
Local ID 105.0
r_squared 0.38866
Slope = -0.0024419210
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
Mn (Ug/L)
Date
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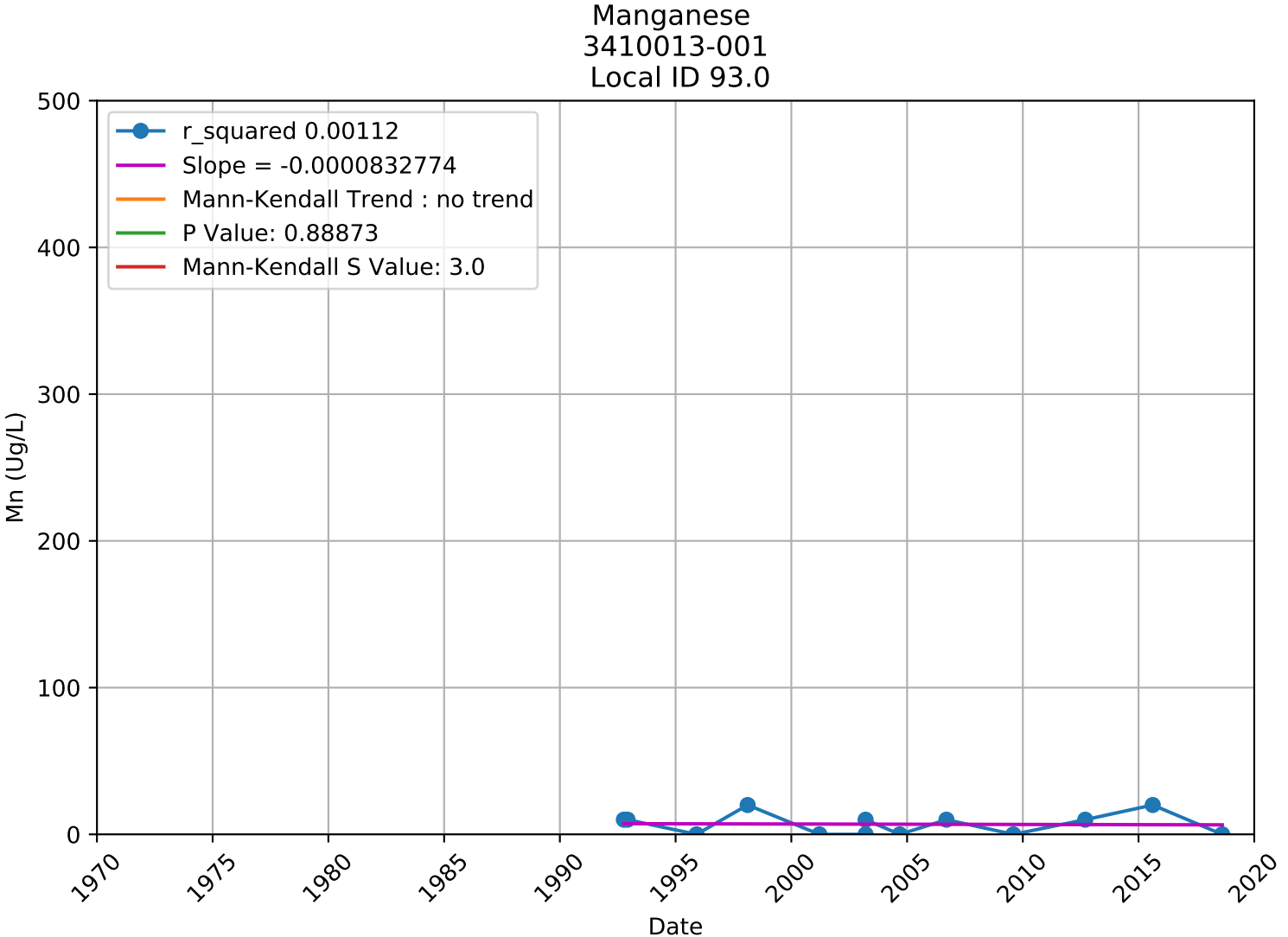

Manganese
3410009-005
Local ID 78.0
r_squared 0.75618
Slope = -0.0019753296
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
Mn (Ug/L)
Date
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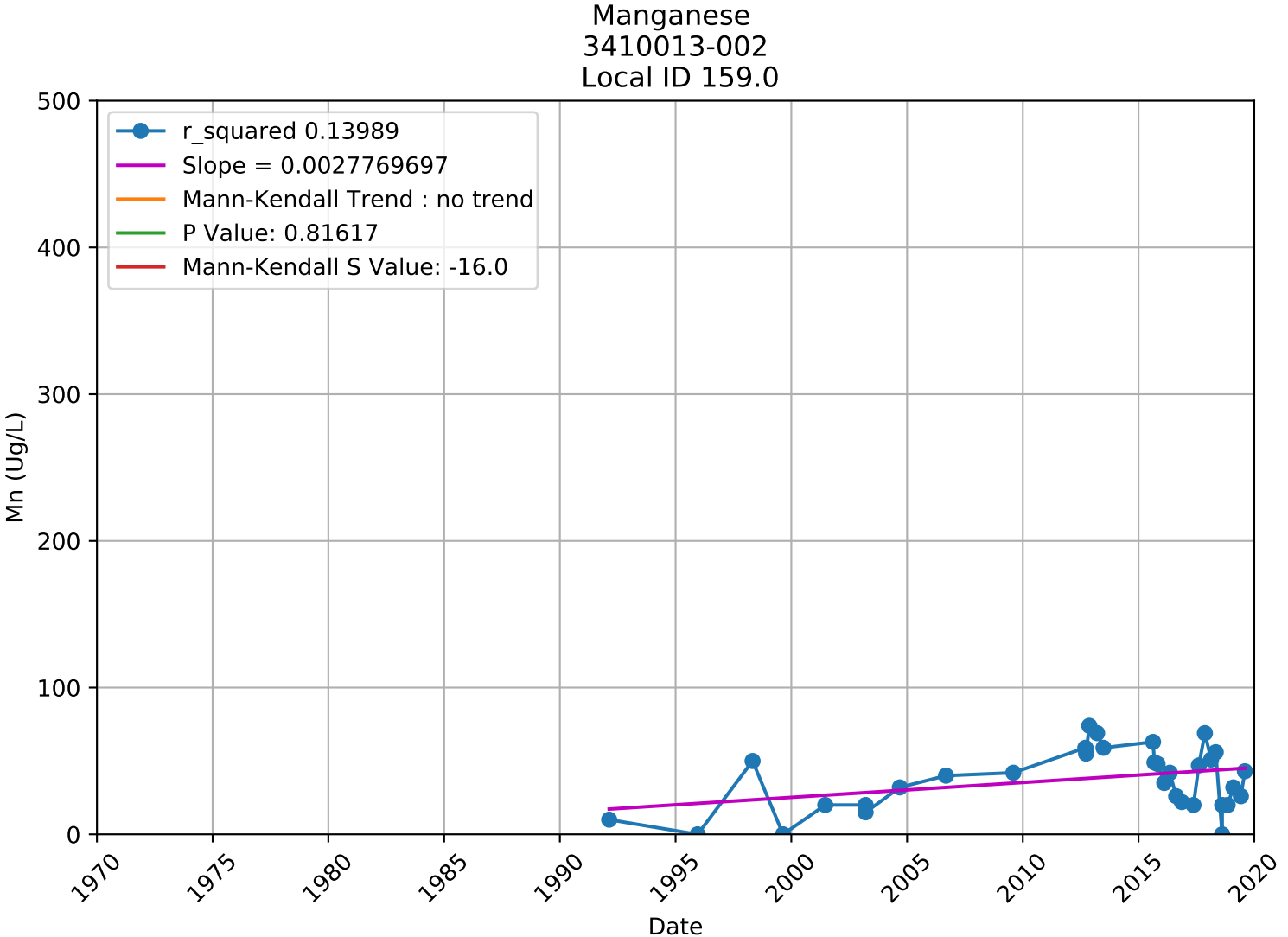

Manganese
3410009-006
Local ID 201.0
r_squared 0.46379
Slope = -0.0010355089
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
Mn (Ug/L)
Date
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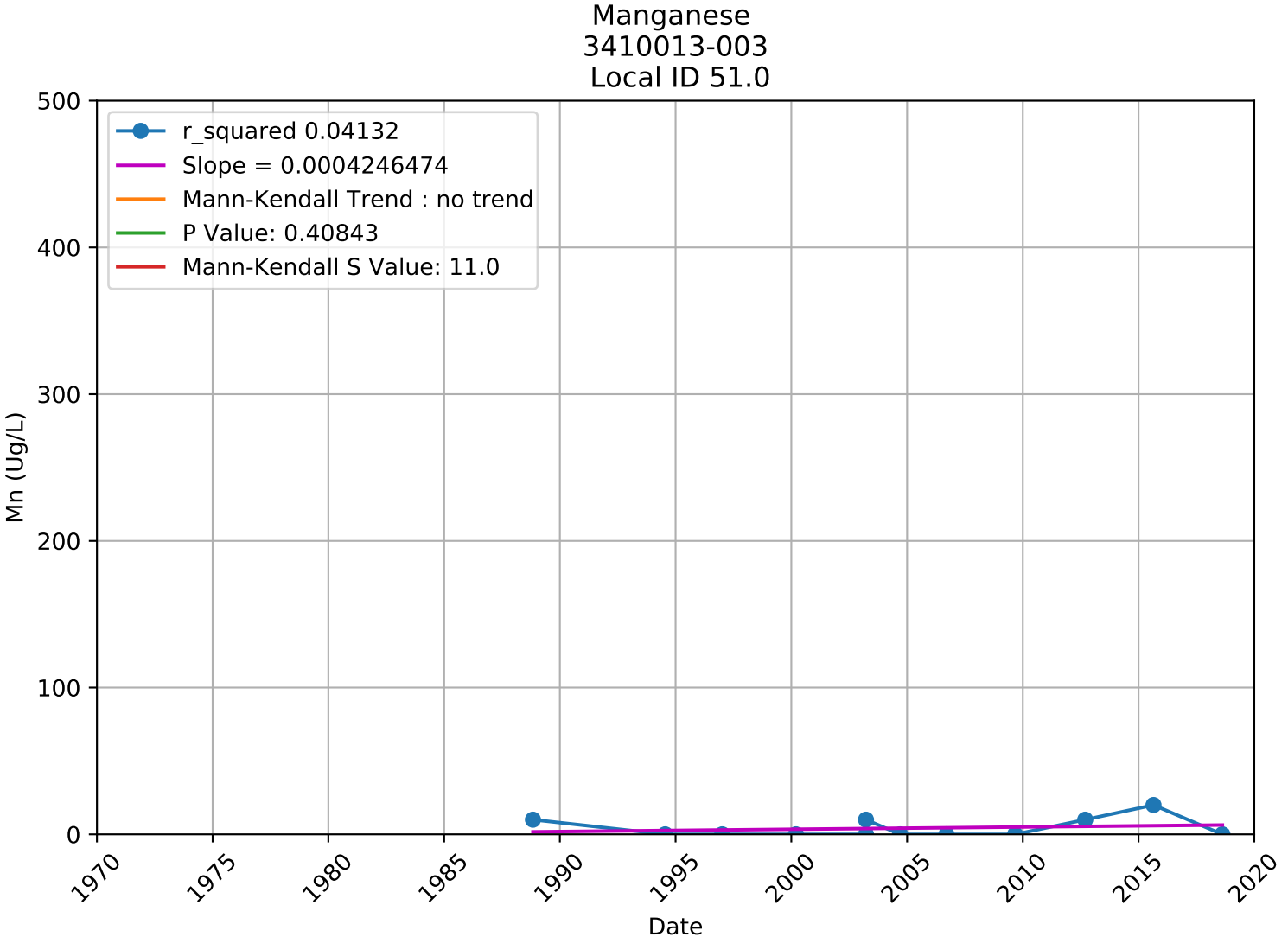

Manganese
3410009-007
Local ID 234.0
r_squared 0.42705
Slope = -0.0009204704
Mann-Kendall Trend : no trend
P Value: 0.17524
Mann-Kendall S Value: -8.0
Mn (Ug/L)
Date
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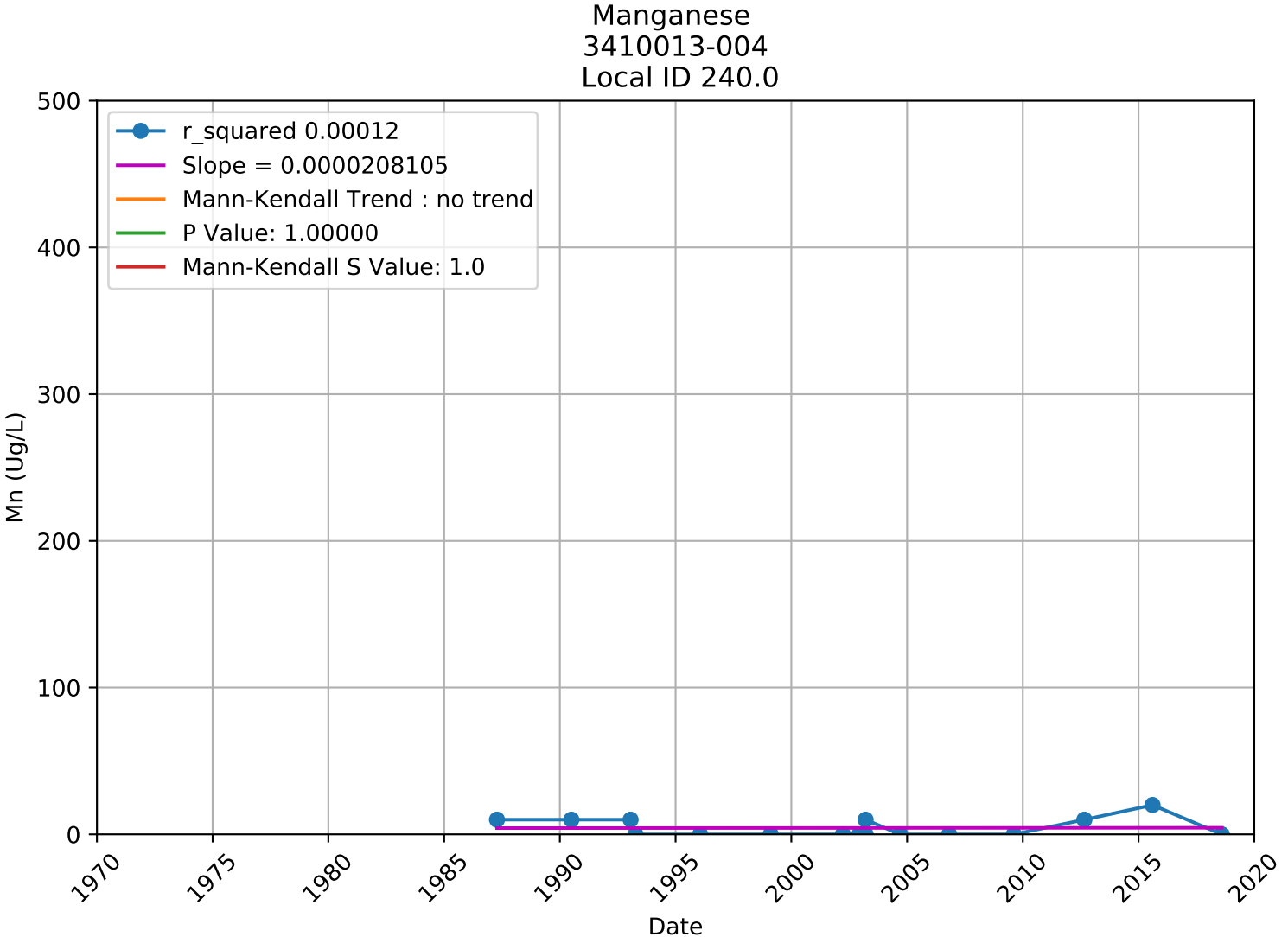

Manganese
3410009-008
Local ID 217.0
r_squared 0.02193
Slope = 0.0021157251
Mann-Kendall Trend : no trend
P Value: 0.54801
Mann-Kendall S Value: 5.0
Mn (Ug/L)
Date
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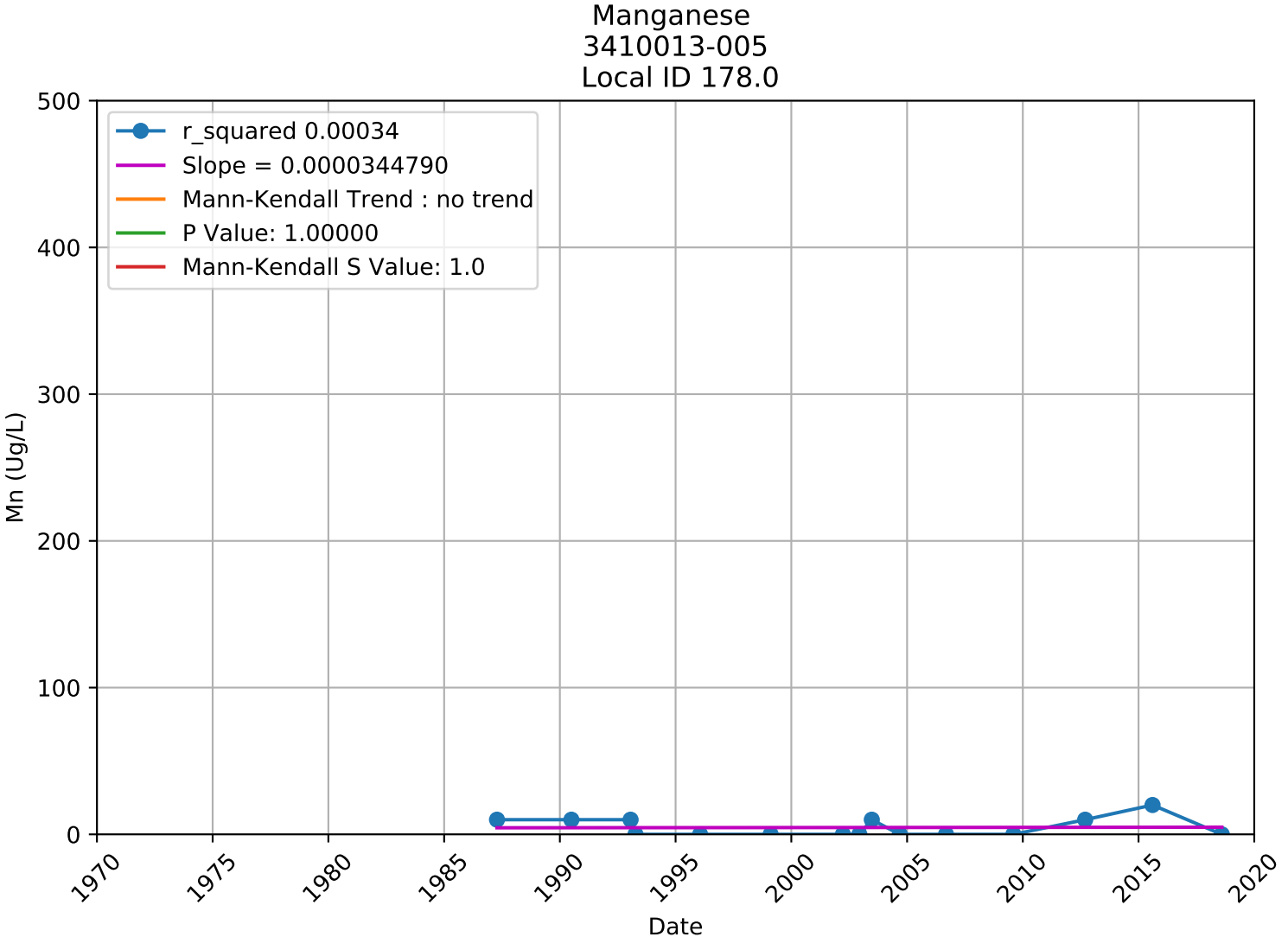

Manganese
3410009-010
Local ID 164.0
r_squared 0.04871
Slope = -0.0017393355
Mann-Kendall Trend : no trend
P Value: 0.61107
Mann-Kendall S Value: 6.0
Mn (Ug/L)
Date
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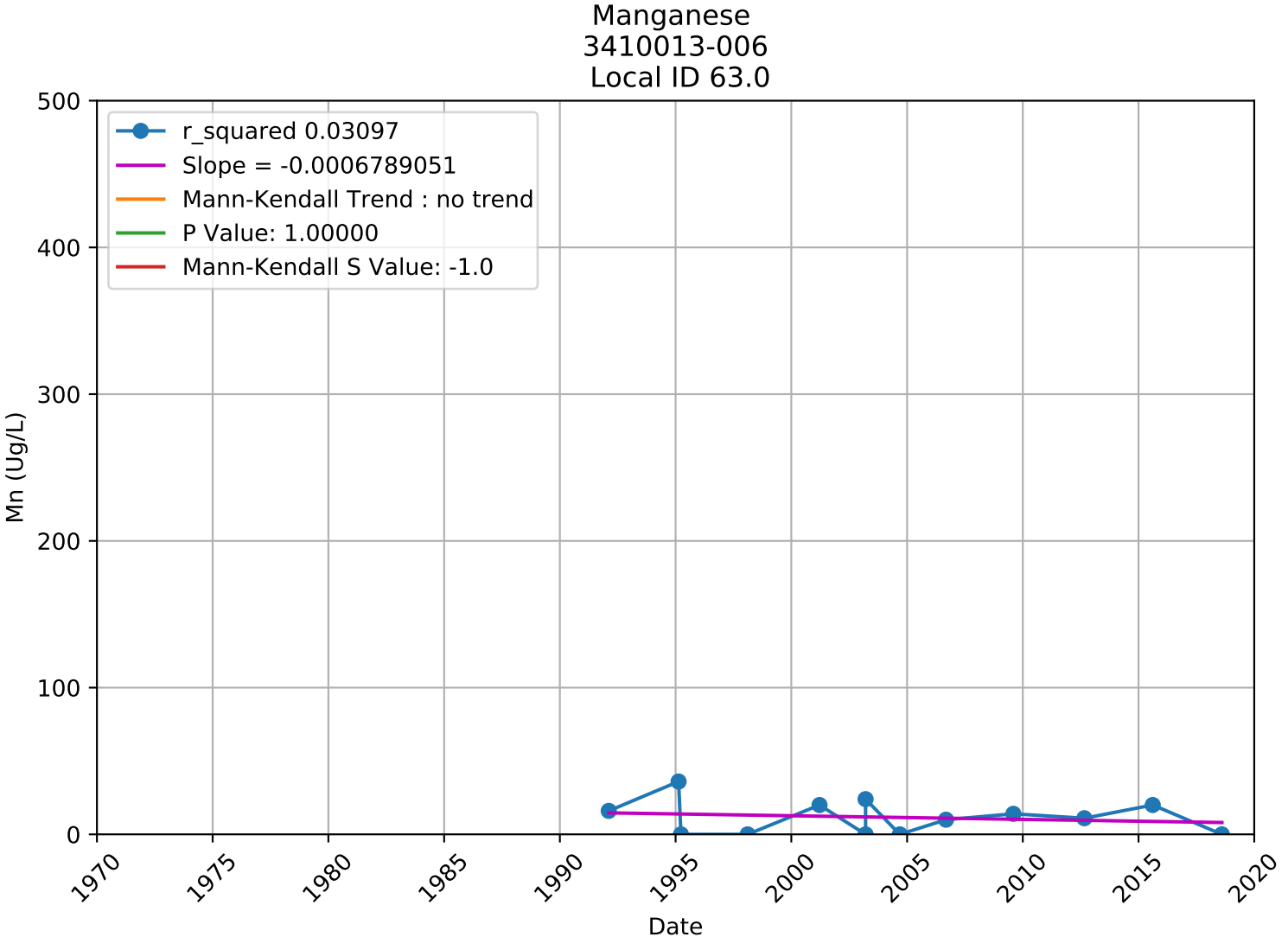

Manganese
3410013-001
Local ID 93.0
r_squared 0.00112
Slope = -0.0000832774
Mann-Kendall Trend : no trend
P Value: 0.88873
Mann-Kendall S Value: 3.0
Mn (Ug/L)
Date
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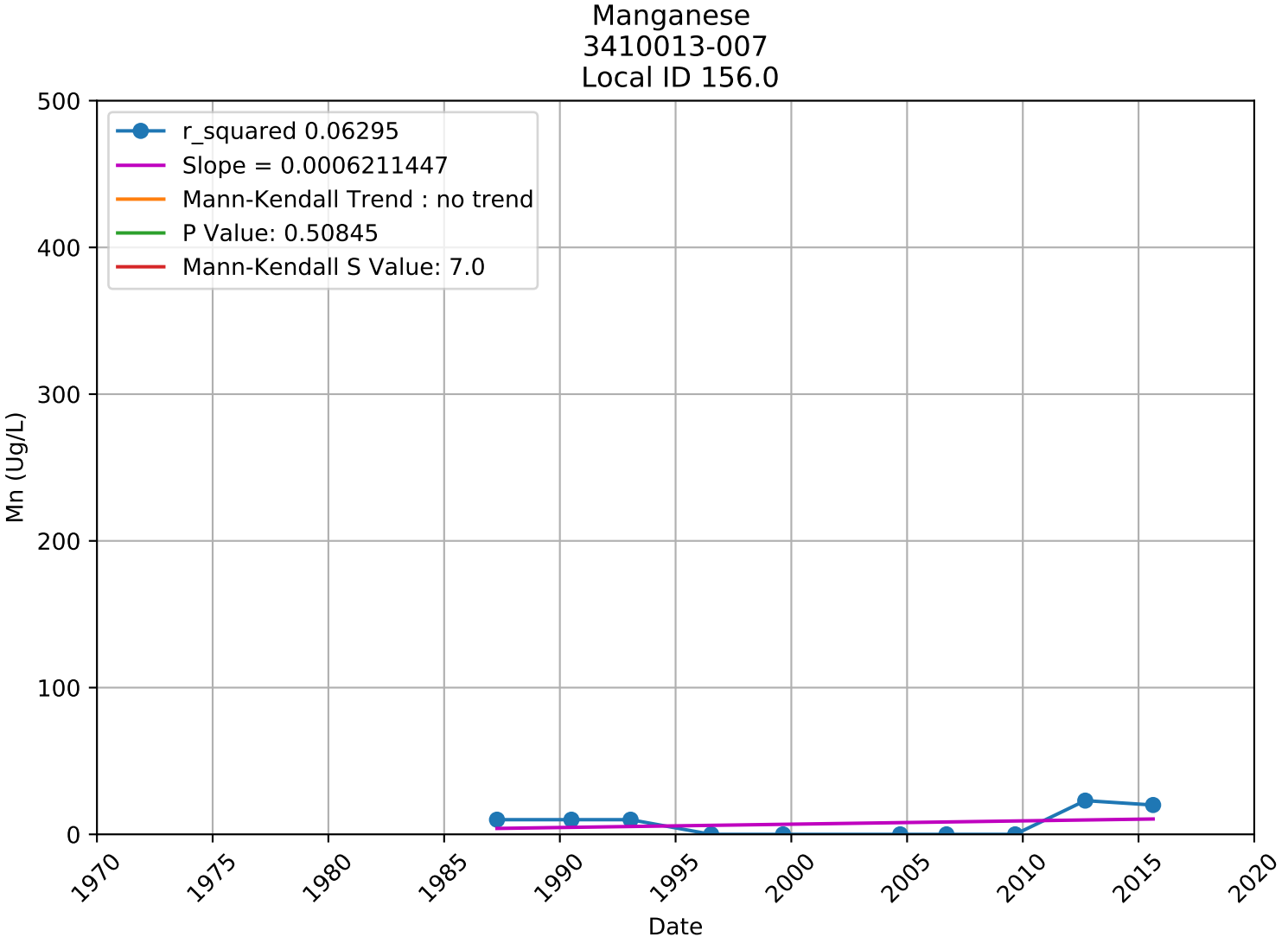

Manganese
3410013-002
Local ID 159.0
r_squared 0.13989
Slope = 0.0027769697
Mann-Kendall Trend : no trend
P Value: 0.81617
Mann-Kendall S Value: -16.0
Mn (Ug/L)
Date
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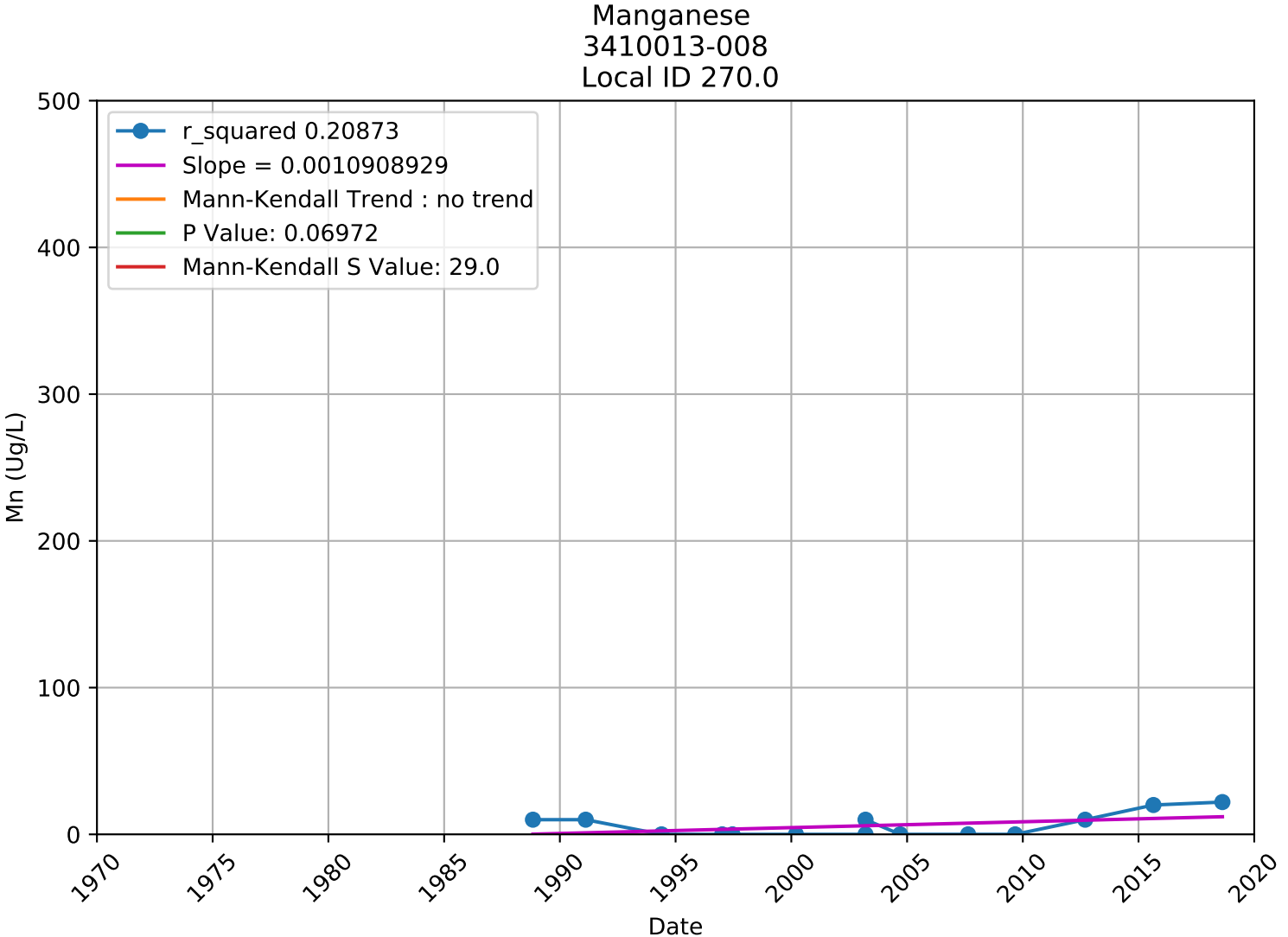

Manganese
3410013-003
Local ID 51.0
r_squared 0.04132
Slope = 0.0004246474
Mann-Kendall Trend : no trend
P Value: 0.40843
Mann-Kendall S Value: 11.0
Mn (Ug/L)
Date
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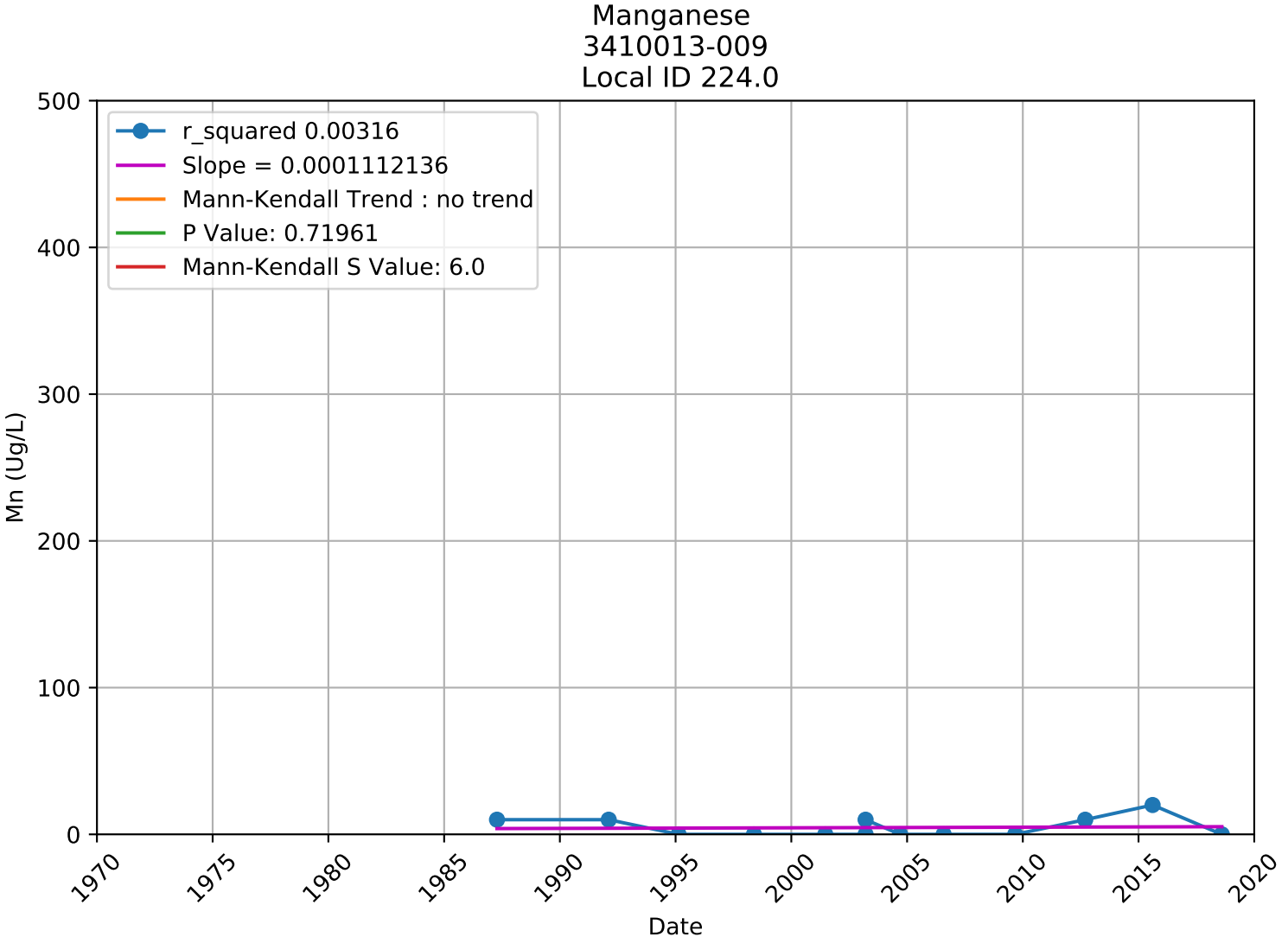

Manganese
3410013-004
Local ID 240.0
r_squared 0.00012
Slope = 0.0000208105
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
Mn (Ug/L)
Date
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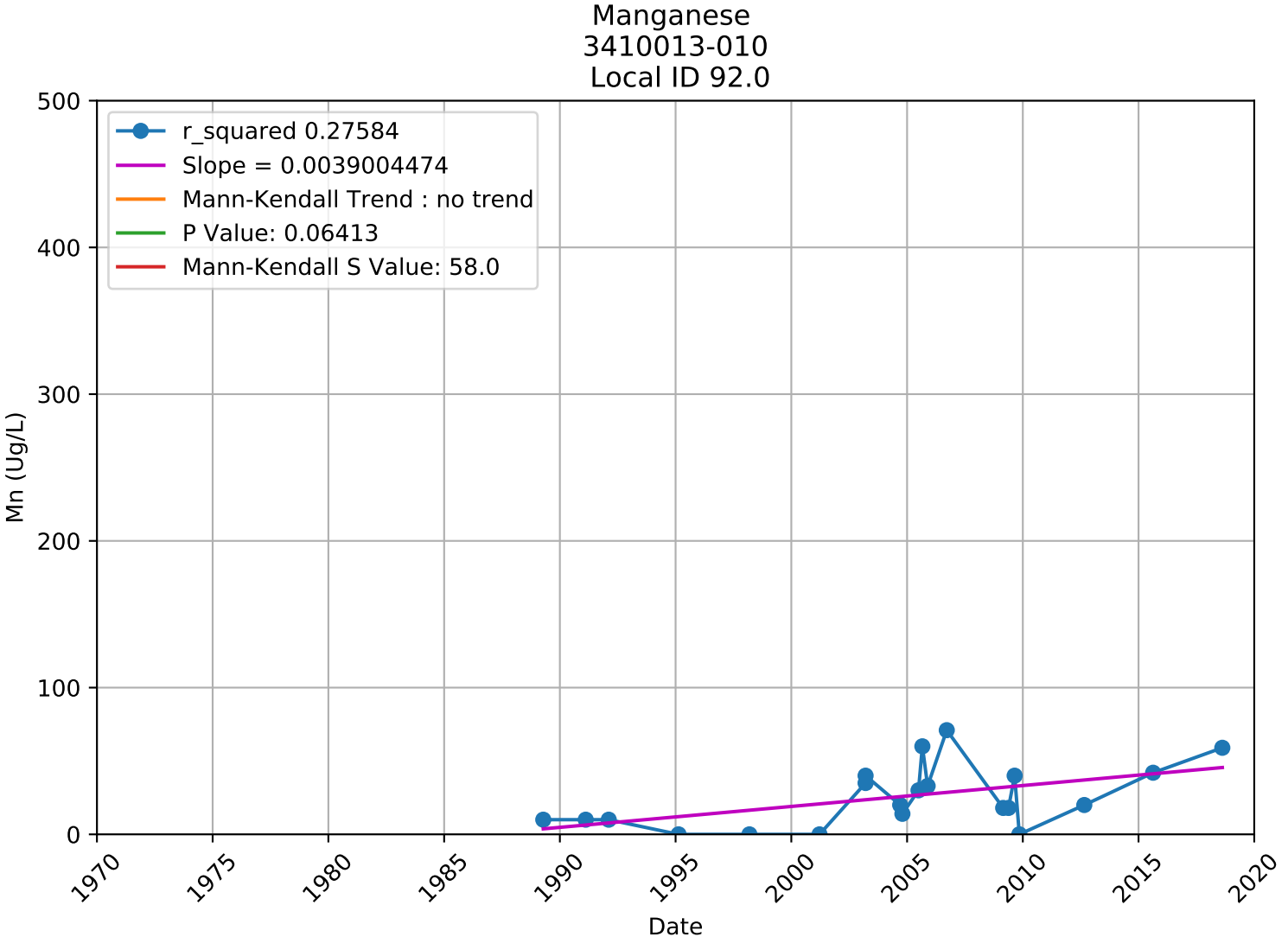

Manganese
3410013-005
Local ID 178.0
r_squared 0.00034
Slope = 0.0000344790
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
Mn (Ug/L)
Date
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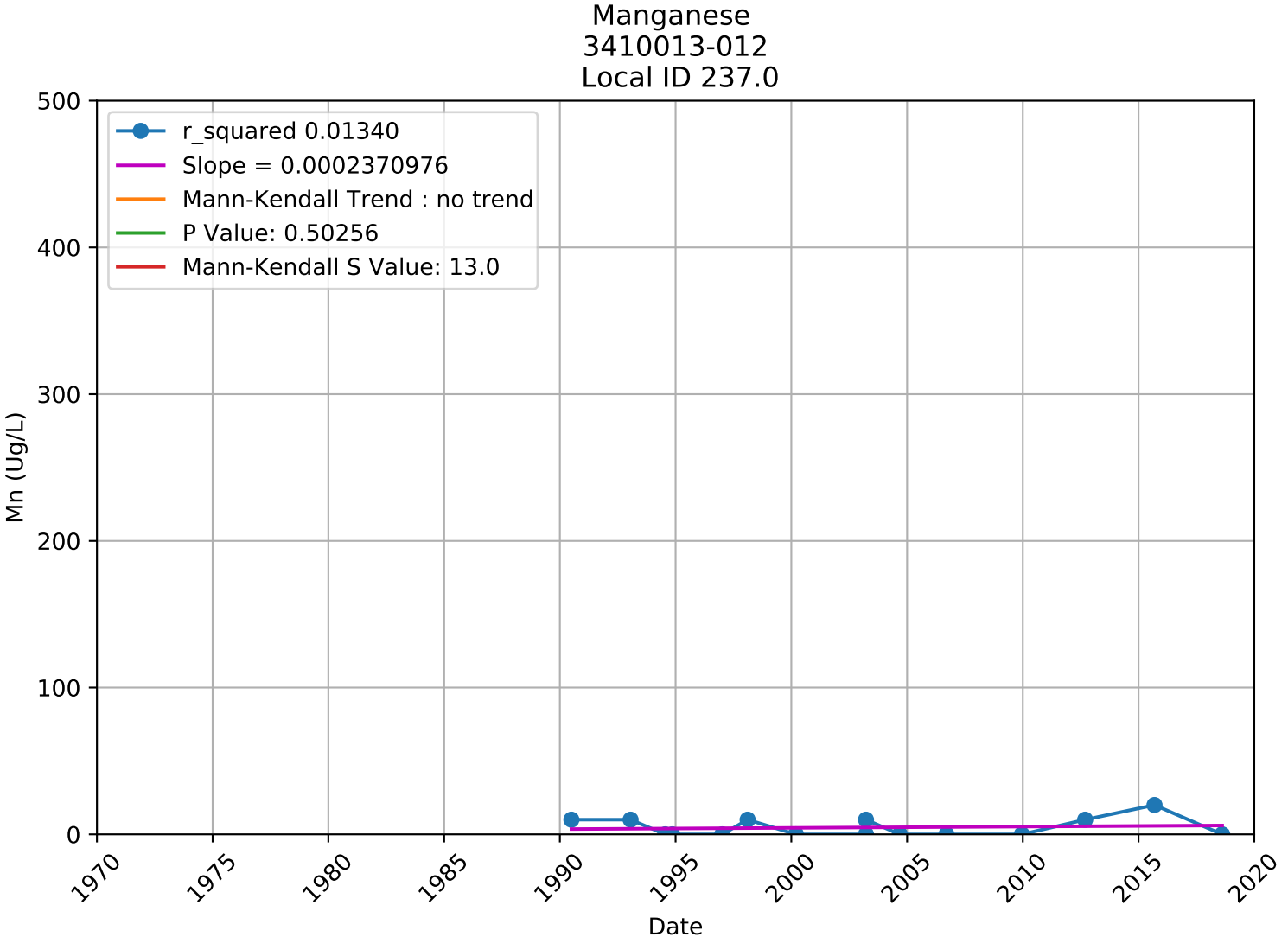

Manganese
3410013-006
Local ID 63.0
r_squared 0.03097
Slope = -0.0006789051
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
Mn (Ug/L)
Date
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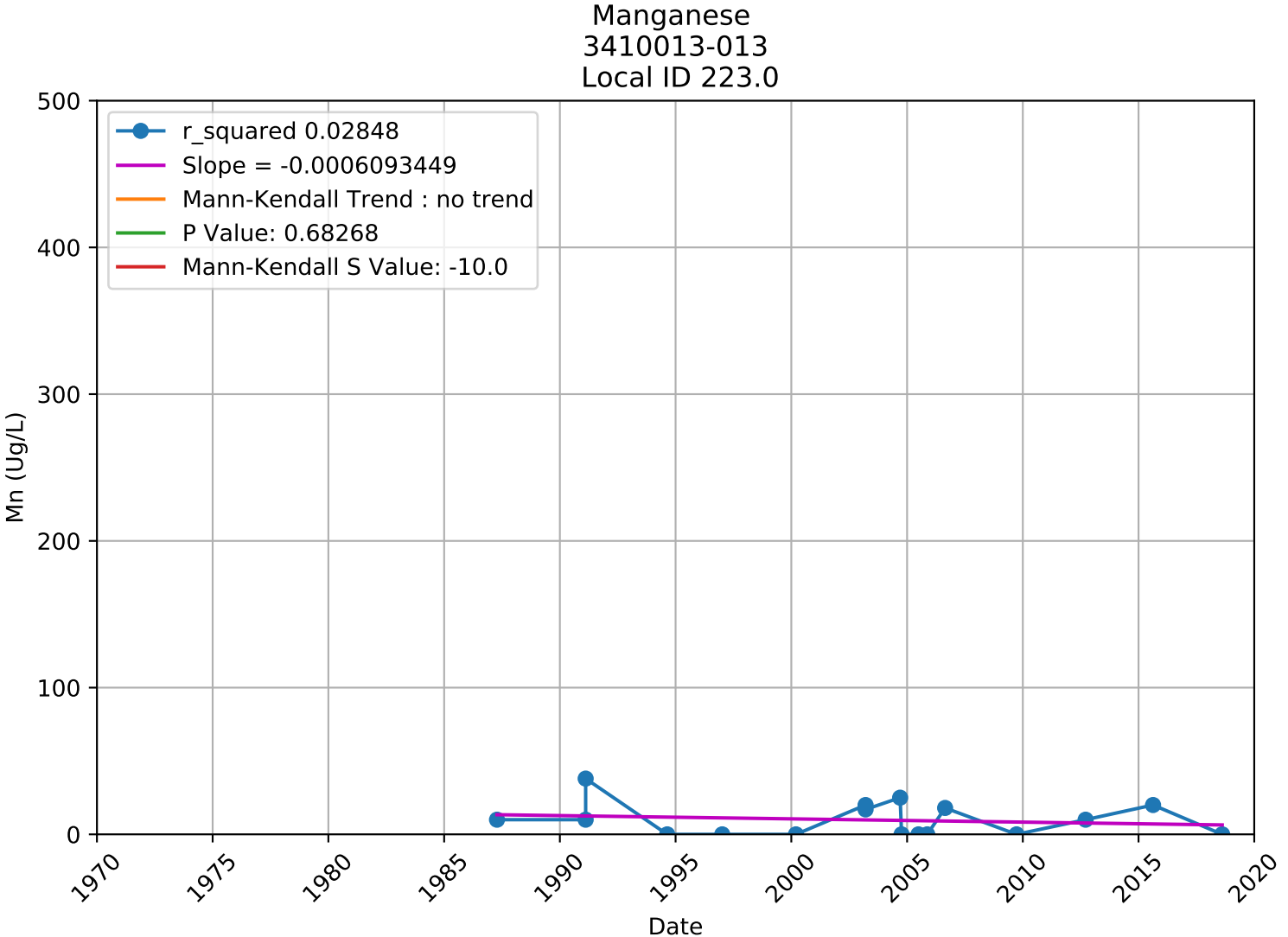

Manganese
3410013-007
Local ID 156.0
r_squared 0.06295
Slope = 0.0006211447
Mann-Kendall Trend : no trend
P Value: 0.50845
Mann-Kendall S Value: 7.0
Mn (Ug/L)
Date
500
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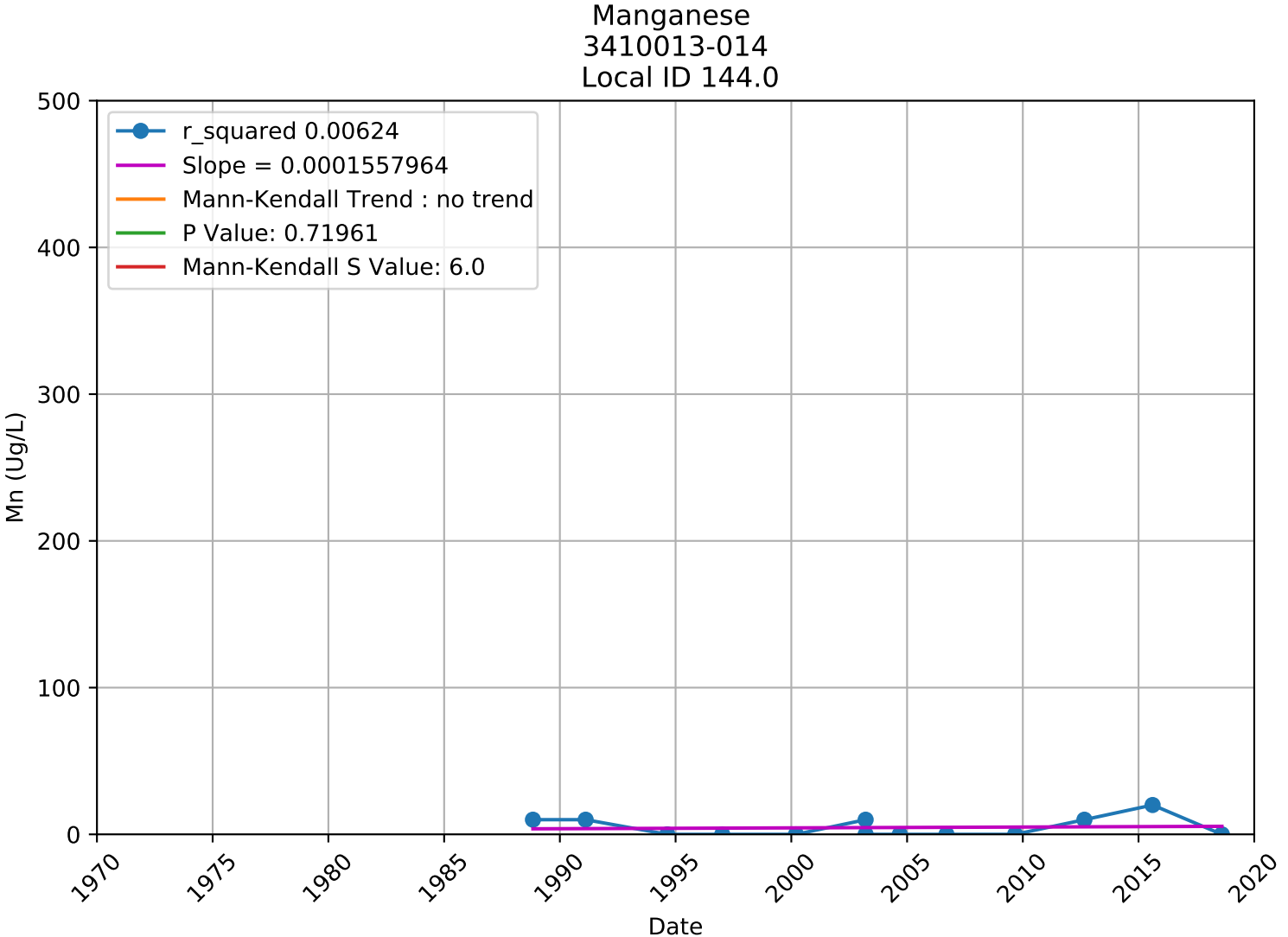

Manganese
3410013-008
Local ID 270.0
r_squared 0.20873
Slope = 0.0010908929
Mann-Kendall Trend : no trend
P Value: 0.06972
Mann-Kendall S Value: 29.0
Mn (Ug/L)
Date
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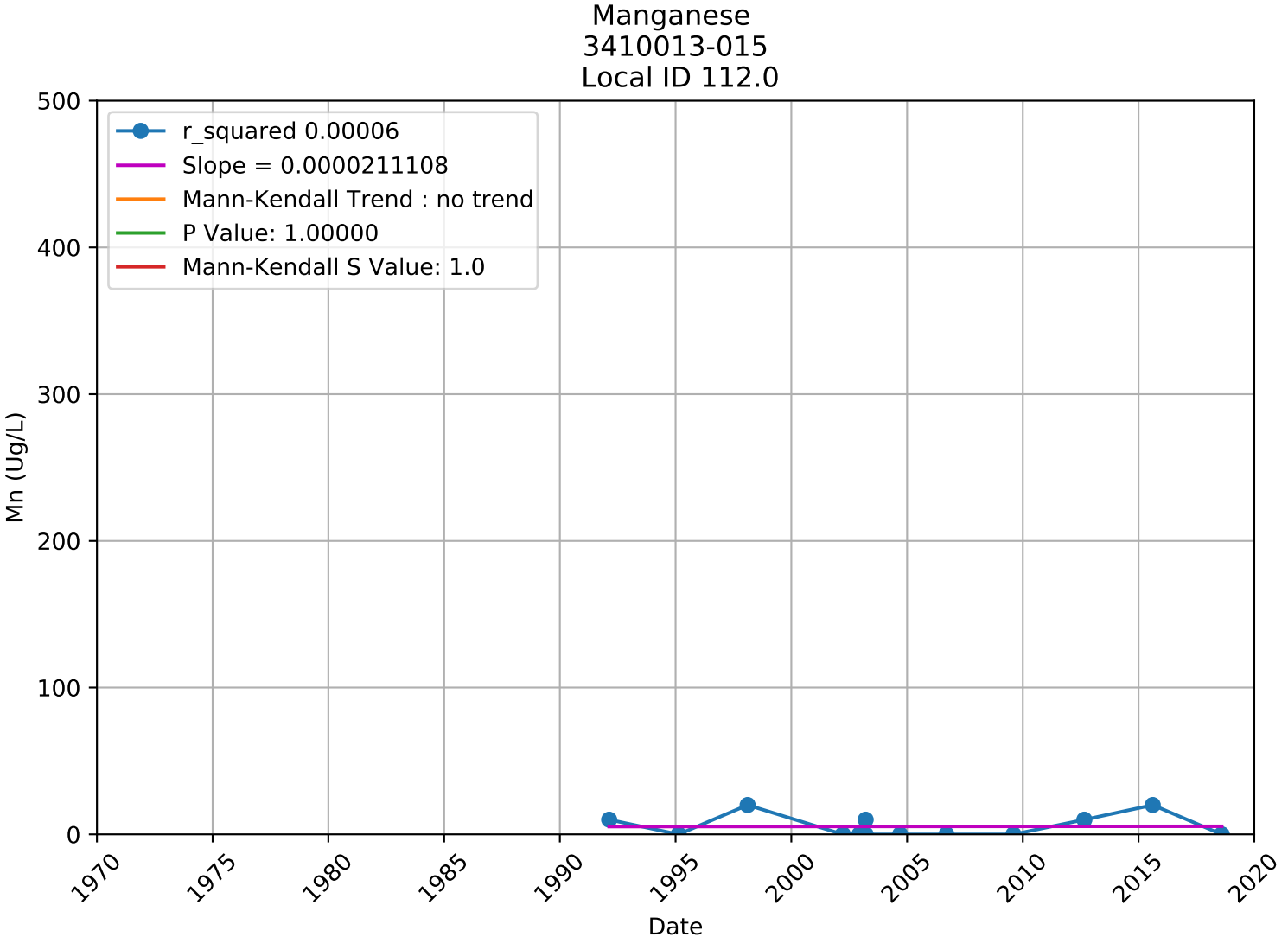

Manganese
3410013-009
Local ID 224.0
r_squared 0.00316
Slope = 0.0001112136
Mann-Kendall Trend : no trend
P Value: 0.71961
Mann-Kendall S Value: 6.0
Mn (Ug/L)
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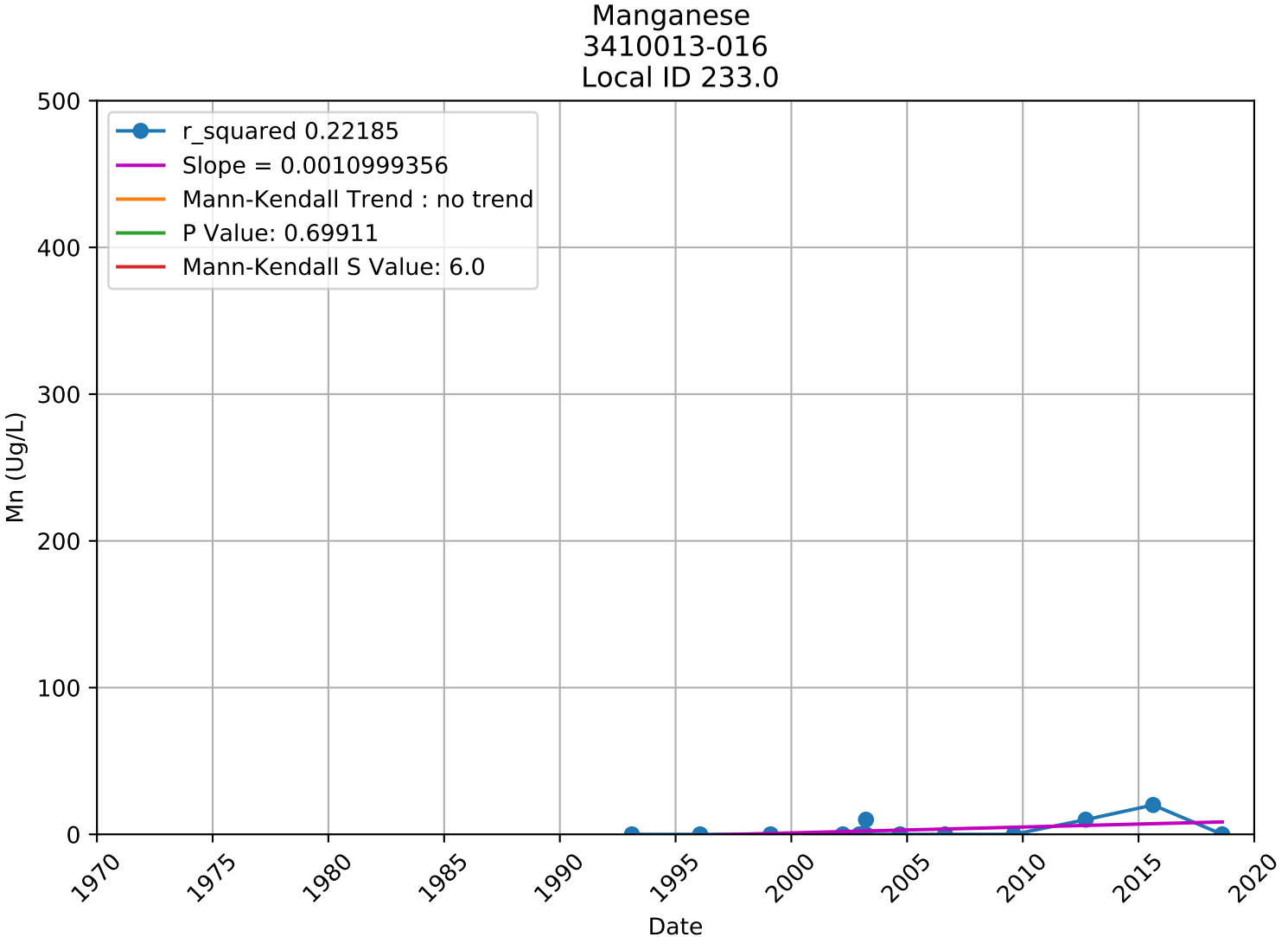

Manganese
3410013-010
Local ID 92.0
r_squared 0.27584
Slope = 0.0039004474
Mann-Kendall Trend : no trend
P Value: 0.06413
Mann-Kendall S Value: 58.0
Mn (Ug/L)
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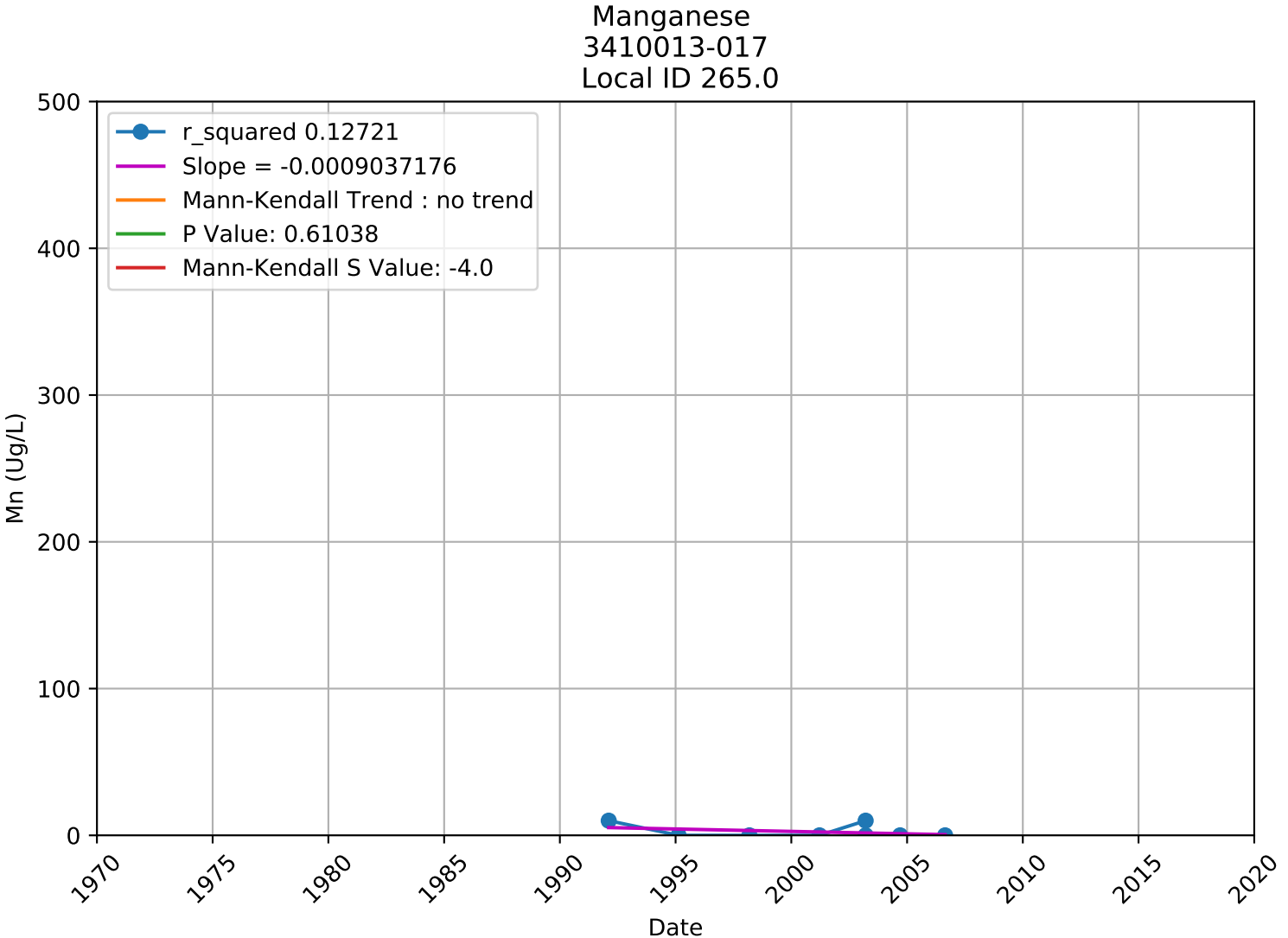

Manganese
3410013-012
Local ID 237.0
r_squared 0.01340
Slope = 0.0002370976
Mann-Kendall Trend : no trend
P Value: 0.50256
Mann-Kendall S Value: 13.0
Mn (Ug/L)
Date
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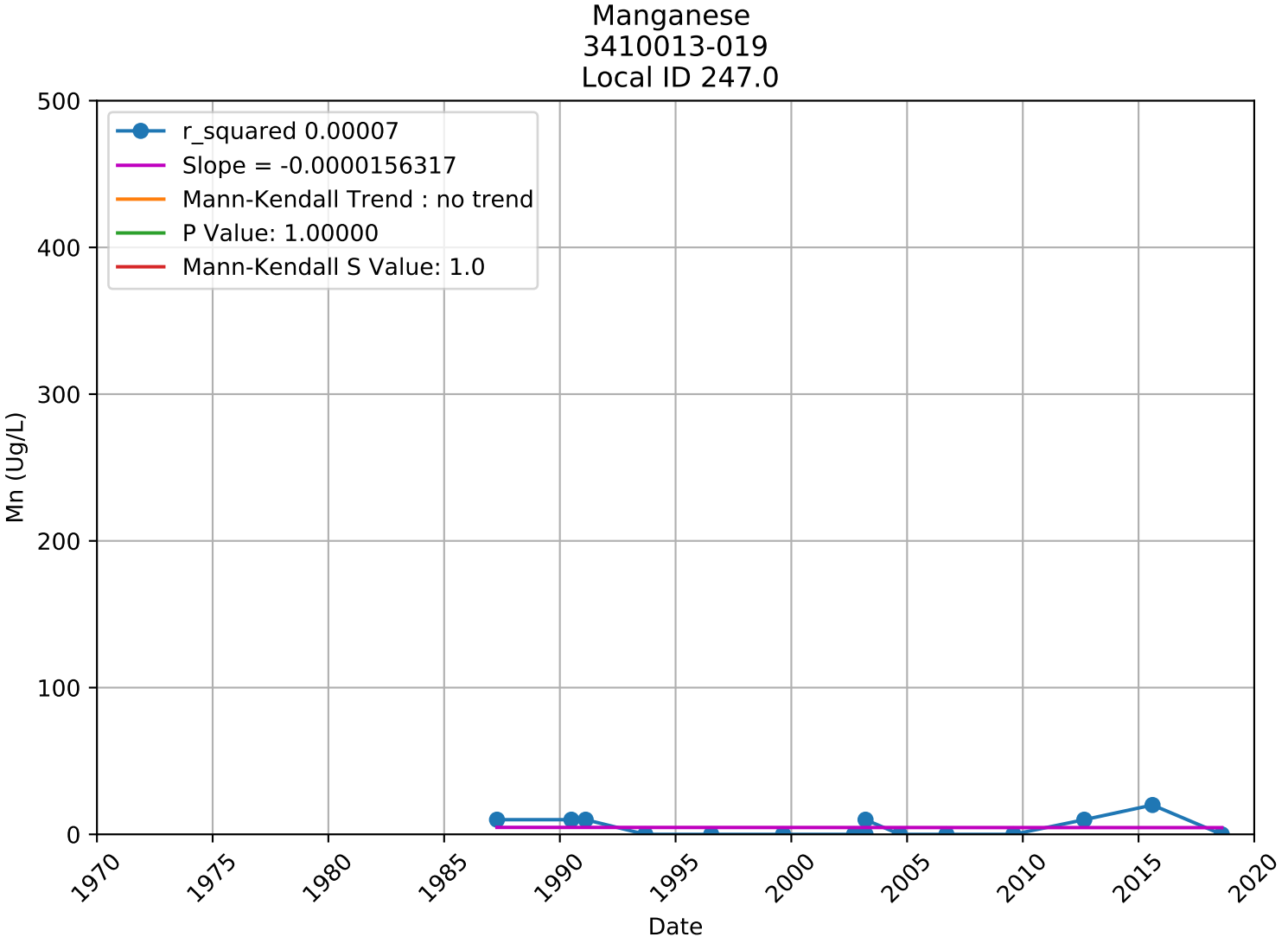

Manganese
3410013-013
Local ID 223.0
r_squared 0.02848
Slope = -0.0006093449
Mann-Kendall Trend : no trend
P Value: 0.68268
Mann-Kendall S Value: -10.0
Mn (Ug/L)
Date
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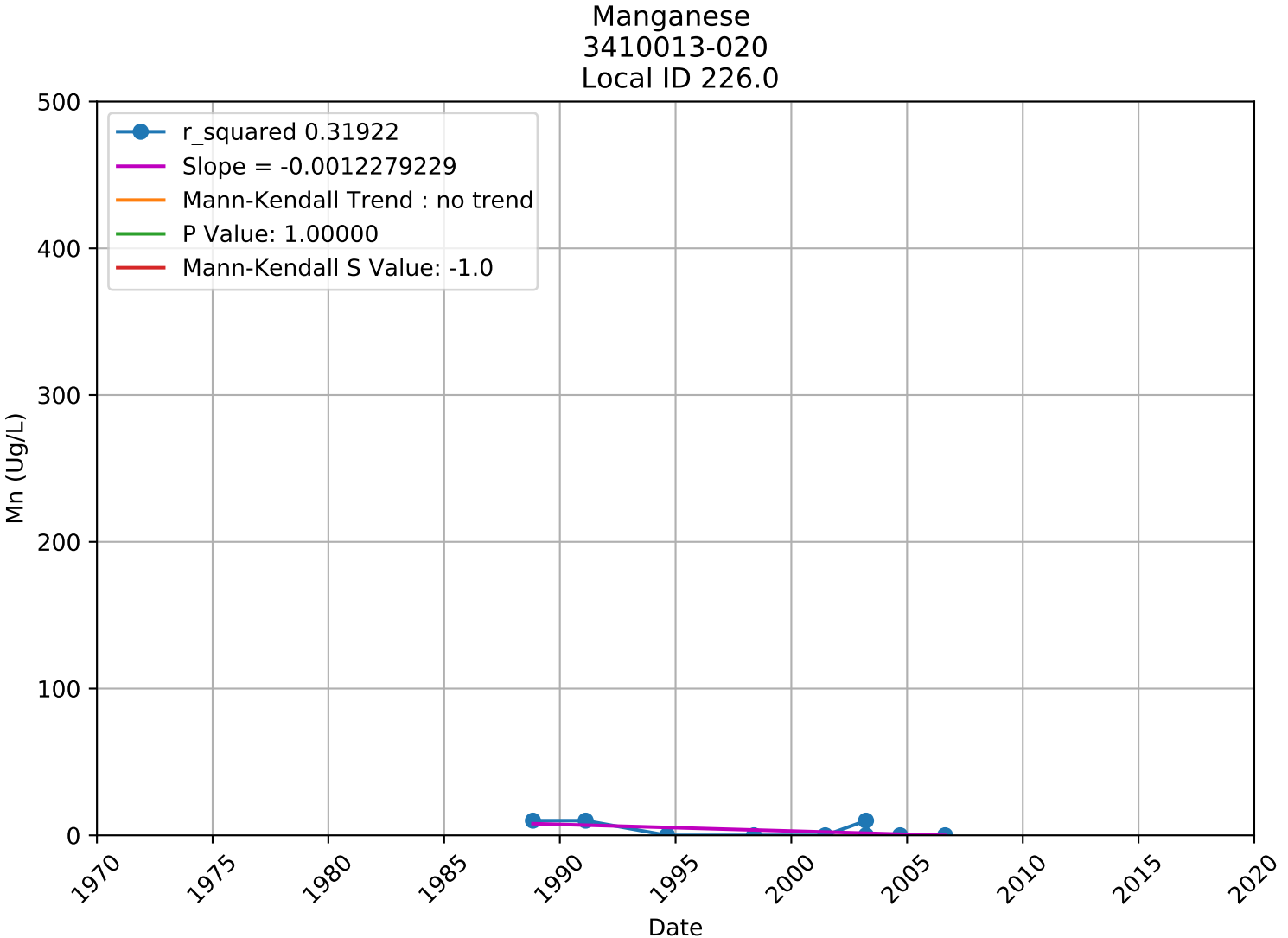

Manganese
3410013-014
Local ID 144.0
r_squared 0.00624
Slope = 0.0001557964
Mann-Kendall Trend : no trend
P Value: 0.71961
Mann-Kendall S Value: 6.0
Mn (Ug/L)
Date
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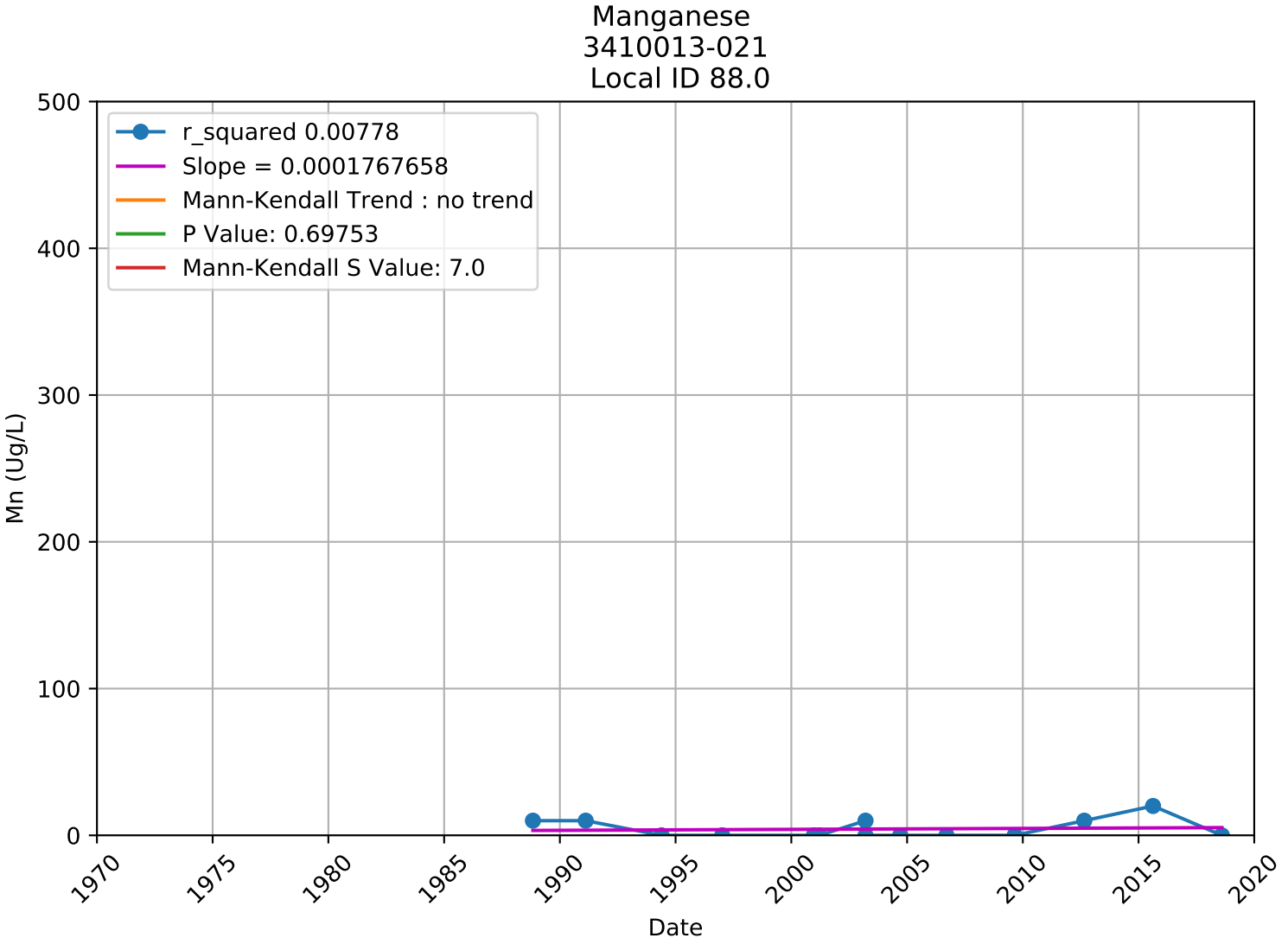

Manganese
3410013-015
Local ID 112.0
r_squared 0.00006
Slope = 0.0000211108
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
Mn (Ug/L)
Date
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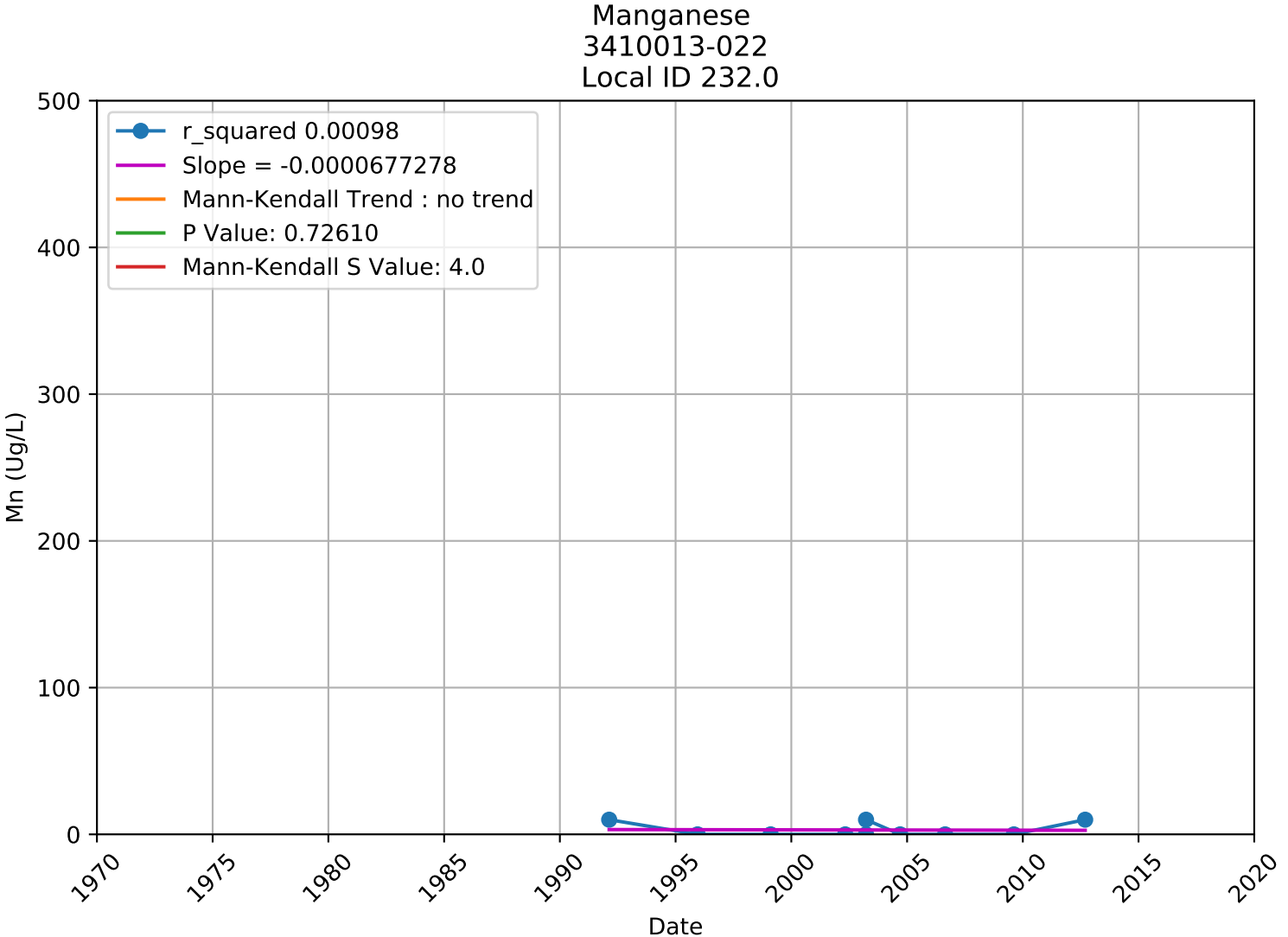

Manganese
3410013-016
Local ID 233.0
r_squared 0.22185
Slope = 0.0010999356
Mann-Kendall Trend : no trend
P Value: 0.69911
Mann-Kendall S Value: 6.0
Mn (Ug/L)
Date
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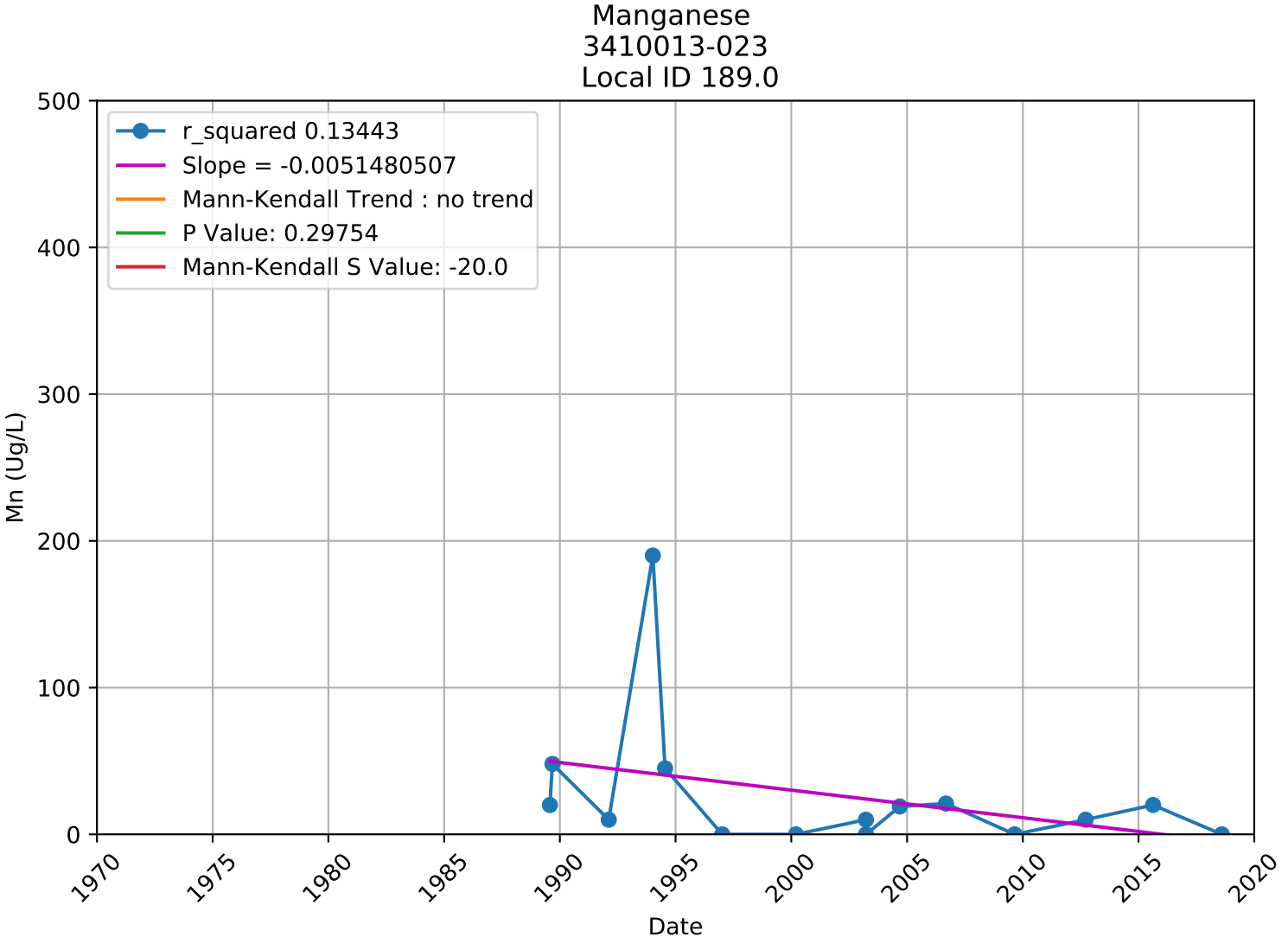

Manganese
3410013-017
Local ID 265.0
r_squared 0.12721
Slope = -0.0009037176
Mann-Kendall Trend : no trend
P Value: 0.61038
Mann-Kendall S Value: -4.0
Mn (Ug/L)
Date
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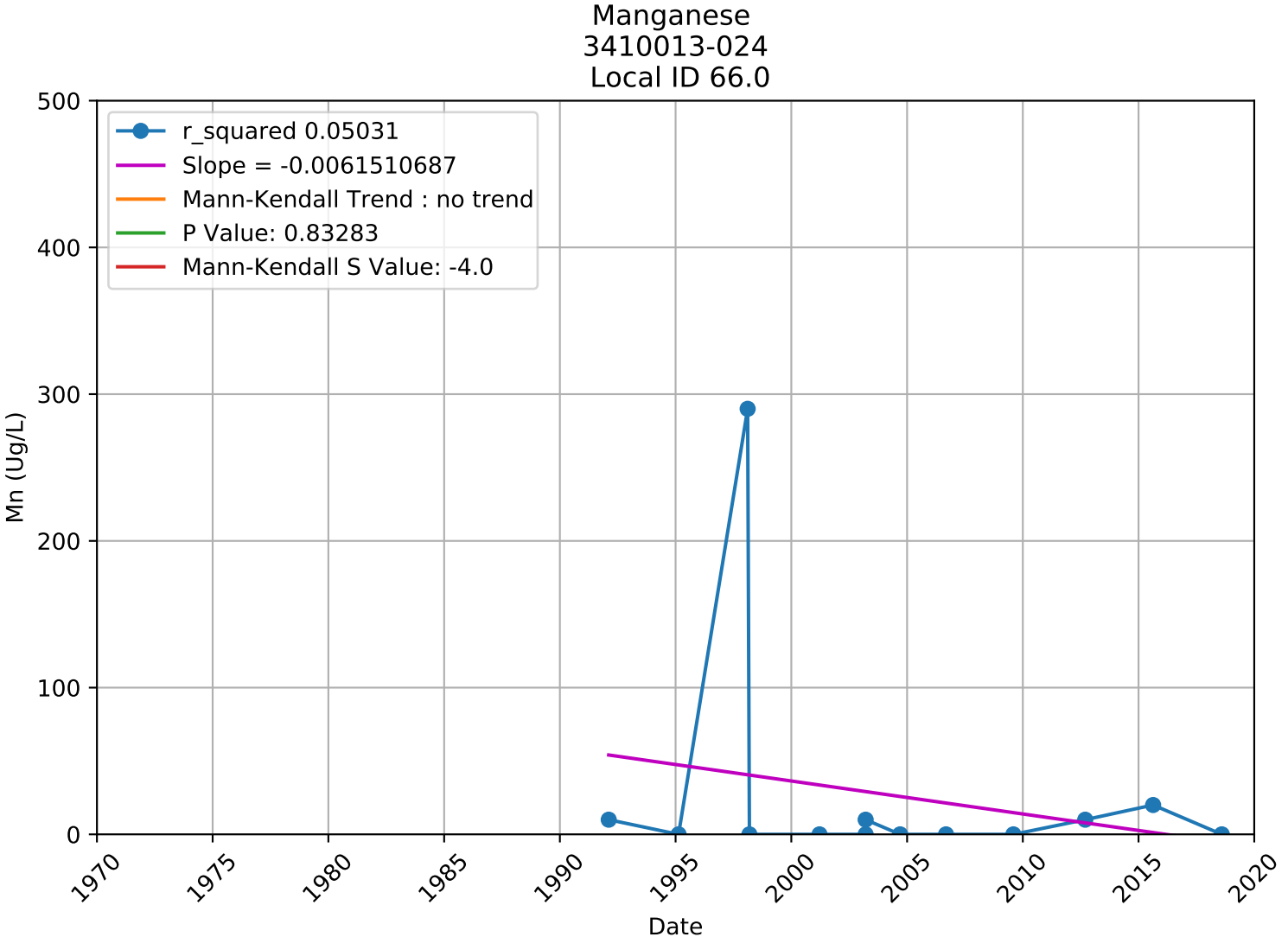

Manganese
3410013-019
Local ID 247.0
r_squared 0.00007
Slope = -0.0000156317
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
Mn (Ug/L)
Date
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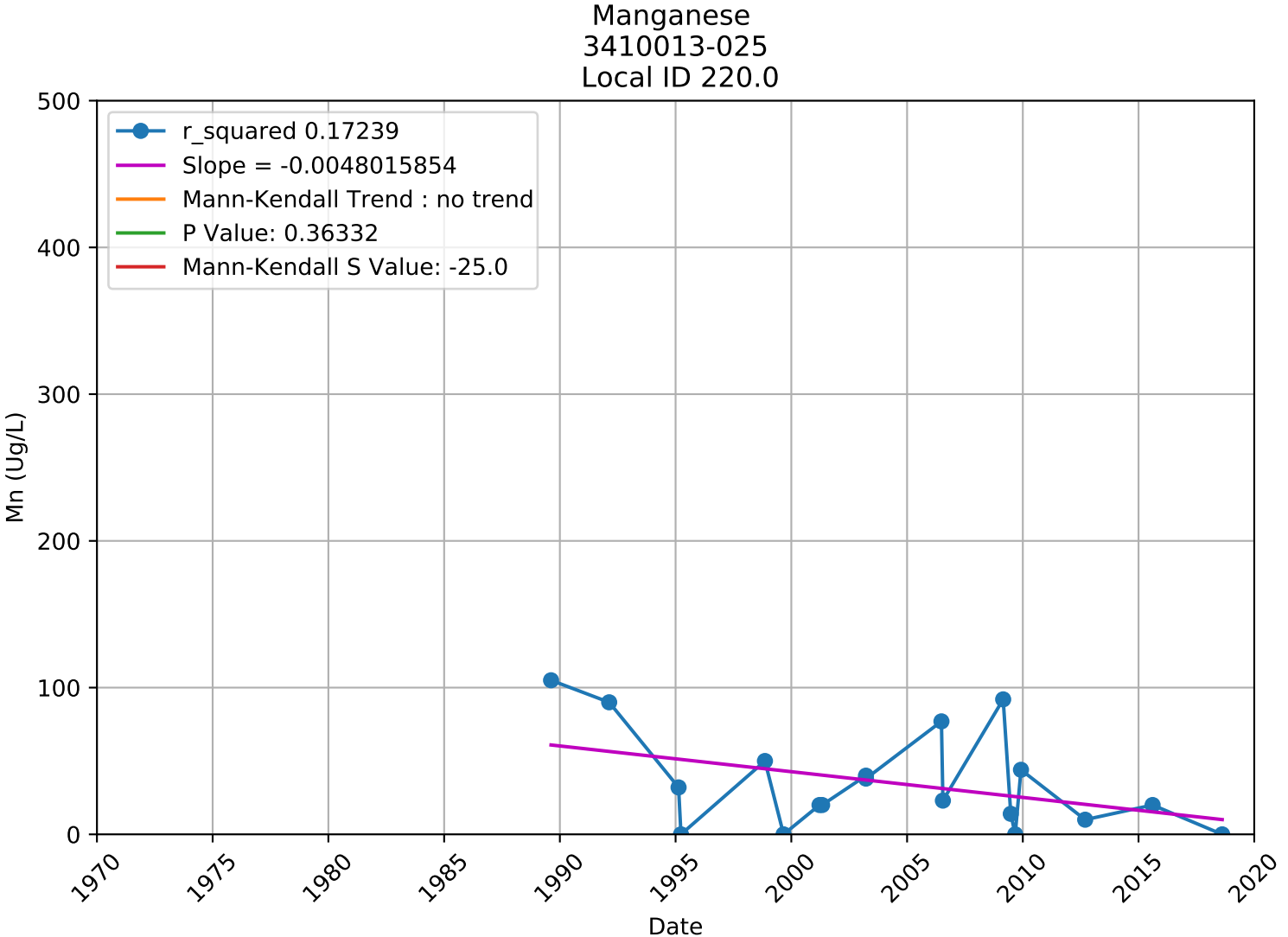

Manganese
3410013-020
Local ID 226.0
r_squared 0.31922
Slope = -0.0012279229
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
Mn (Ug/L)
Date
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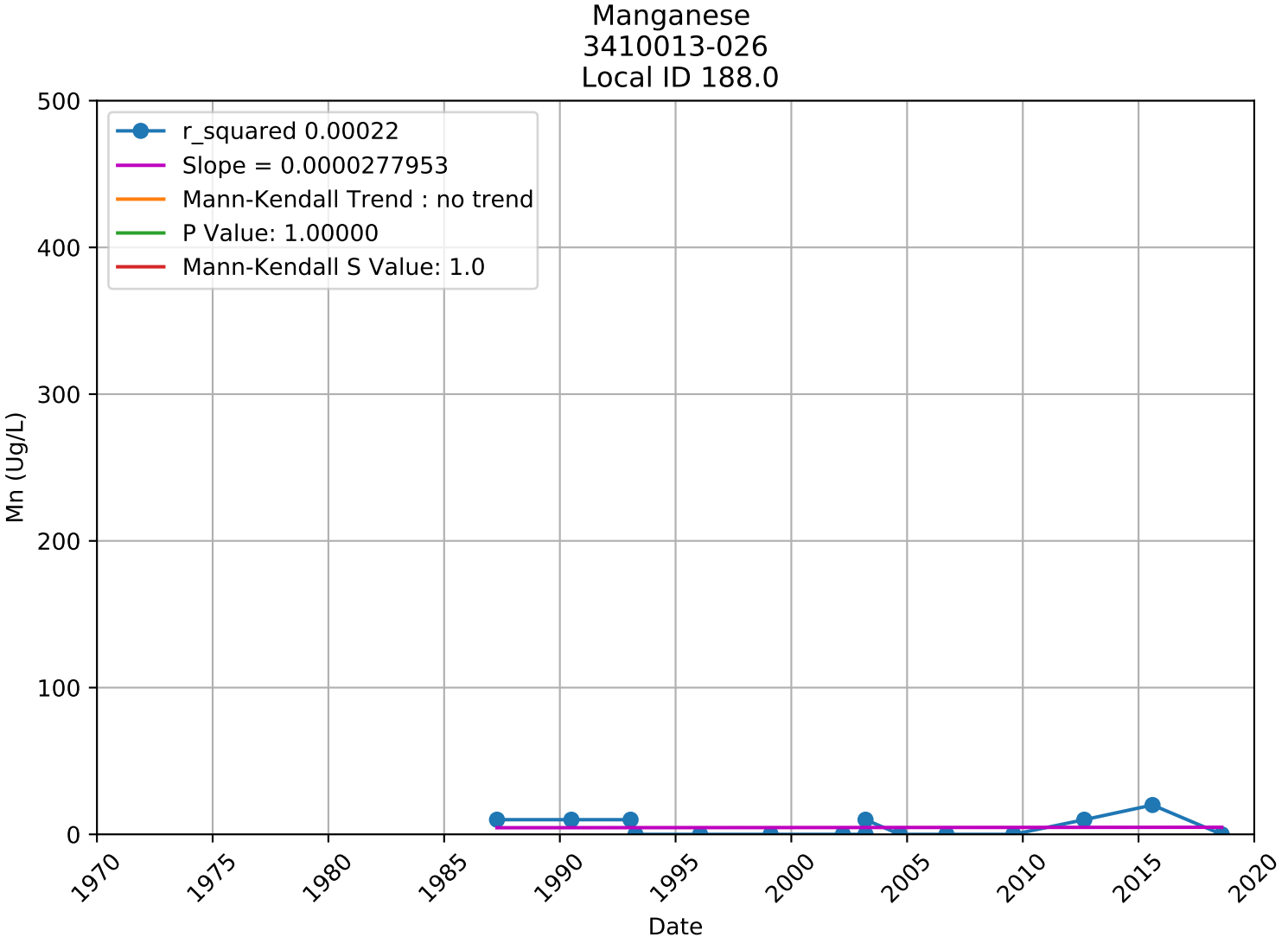

Manganese
3410013-021
Local ID 88.0
r_squared 0.00778
Slope = 0.0001767658
Mann-Kendall Trend : no trend
P Value: 0.69753
Mann-Kendall S Value: 7.0
Mn (Ug/L)
Date
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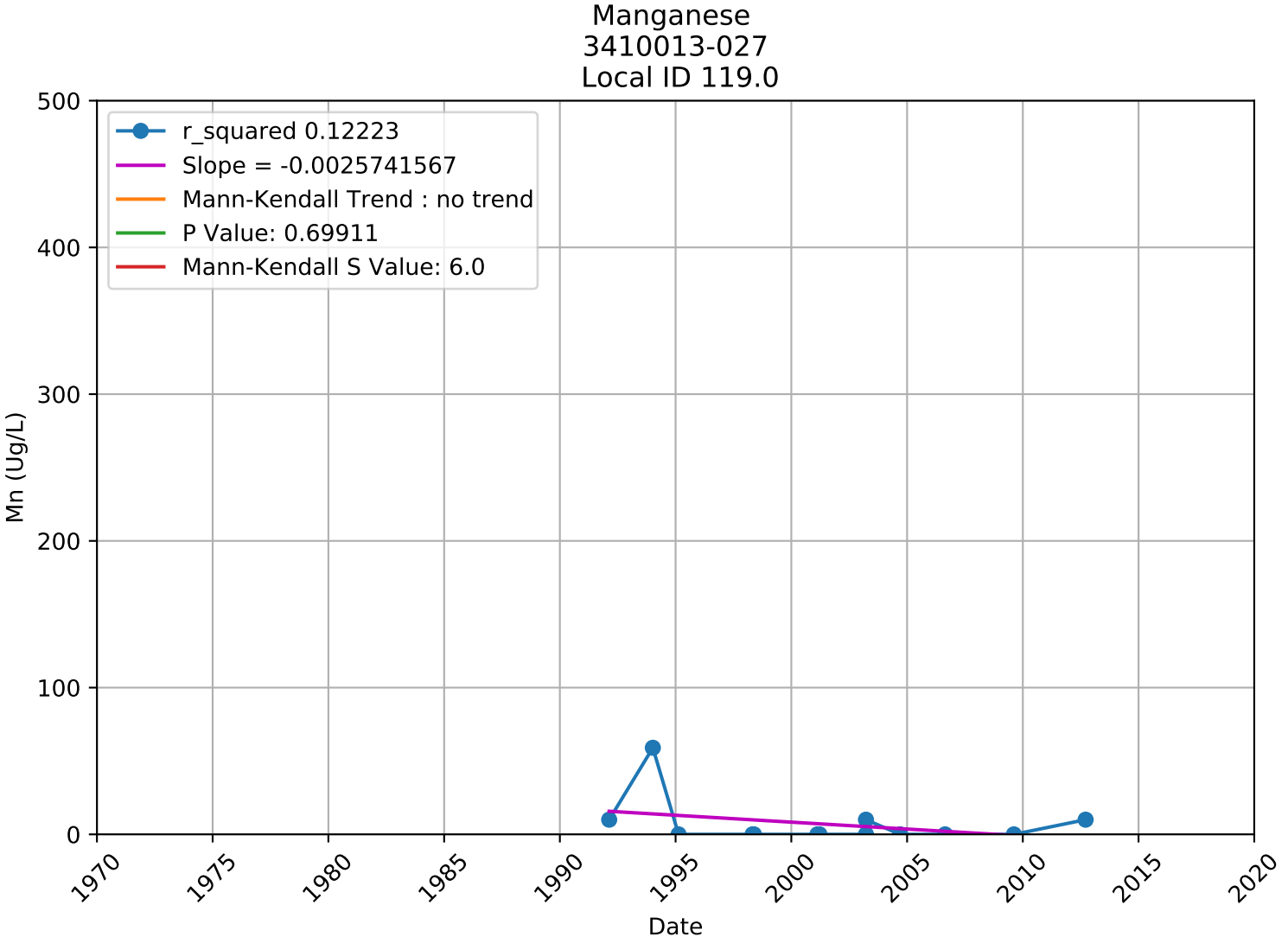

Manganese
3410013-022
Local ID 232.0
r_squared 0.00098
Slope = -0.0000677278
Mann-Kendall Trend : no trend
P Value: 0.72610
Mann-Kendall S Value: 4.0
Mn (Ug/L)
Date
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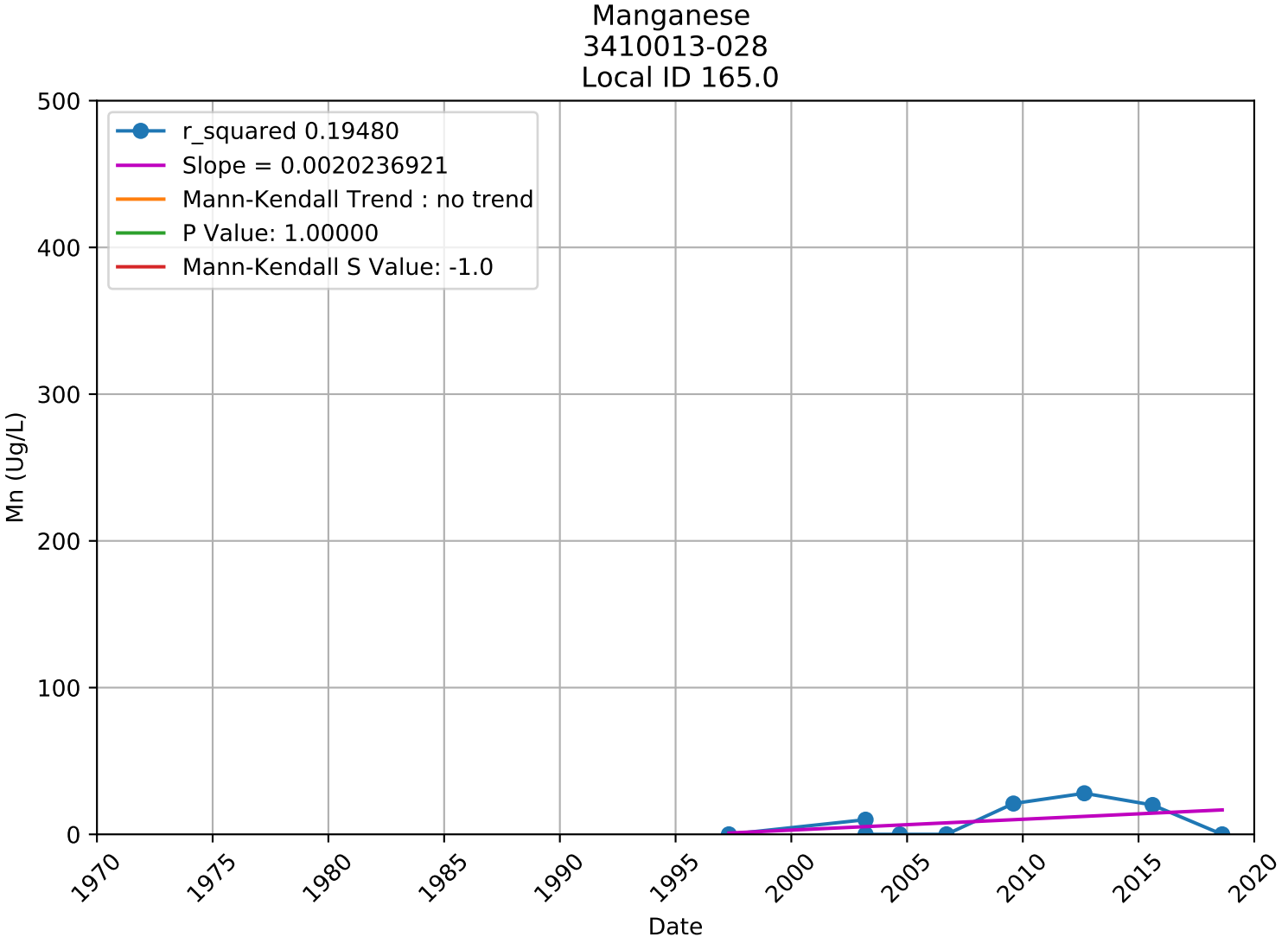

Manganese
3410013-023
Local ID 189.0
r_squared 0.13443
Slope = -0.0051480507
Mann-Kendall Trend : no trend
P Value: 0.29754
Mann-Kendall S Value: -20.0
Mn (Ug/L)
Date
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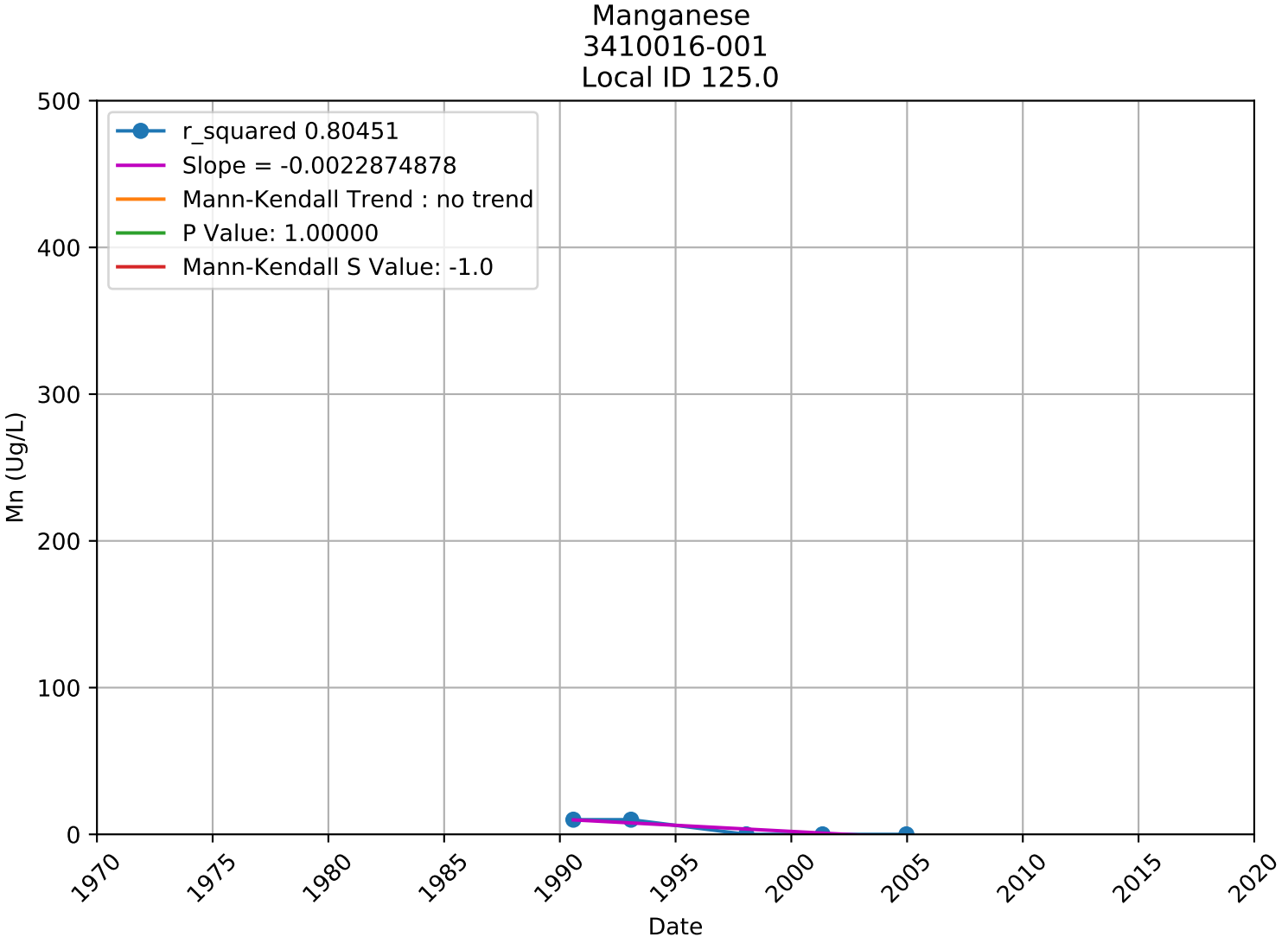

Manganese
3410013-024
Local ID 66.0
r_squared 0.05031
Slope = -0.0061510687
Mann-Kendall Trend : no trend
P Value: 0.83283
Mann-Kendall S Value: -4.0
Mn (Ug/L)
Date
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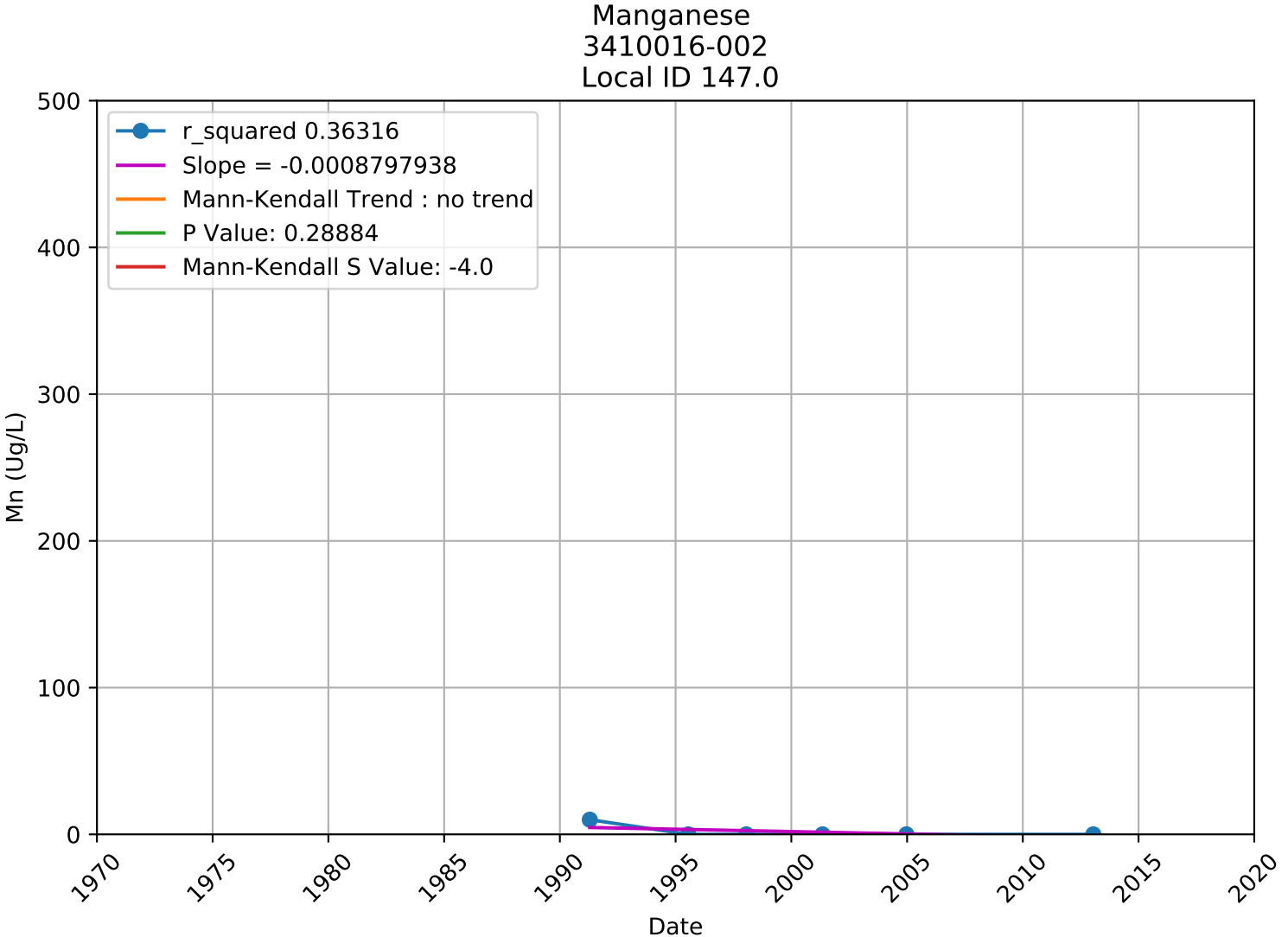

Manganese
3410013-025
Local ID 220.0
r_squared 0.17239
Slope = -0.0048015854
Mann-Kendall Trend : no trend
P Value: 0.36332
Mann-Kendall S Value: -25.0
Mn (Ug/L)
Date
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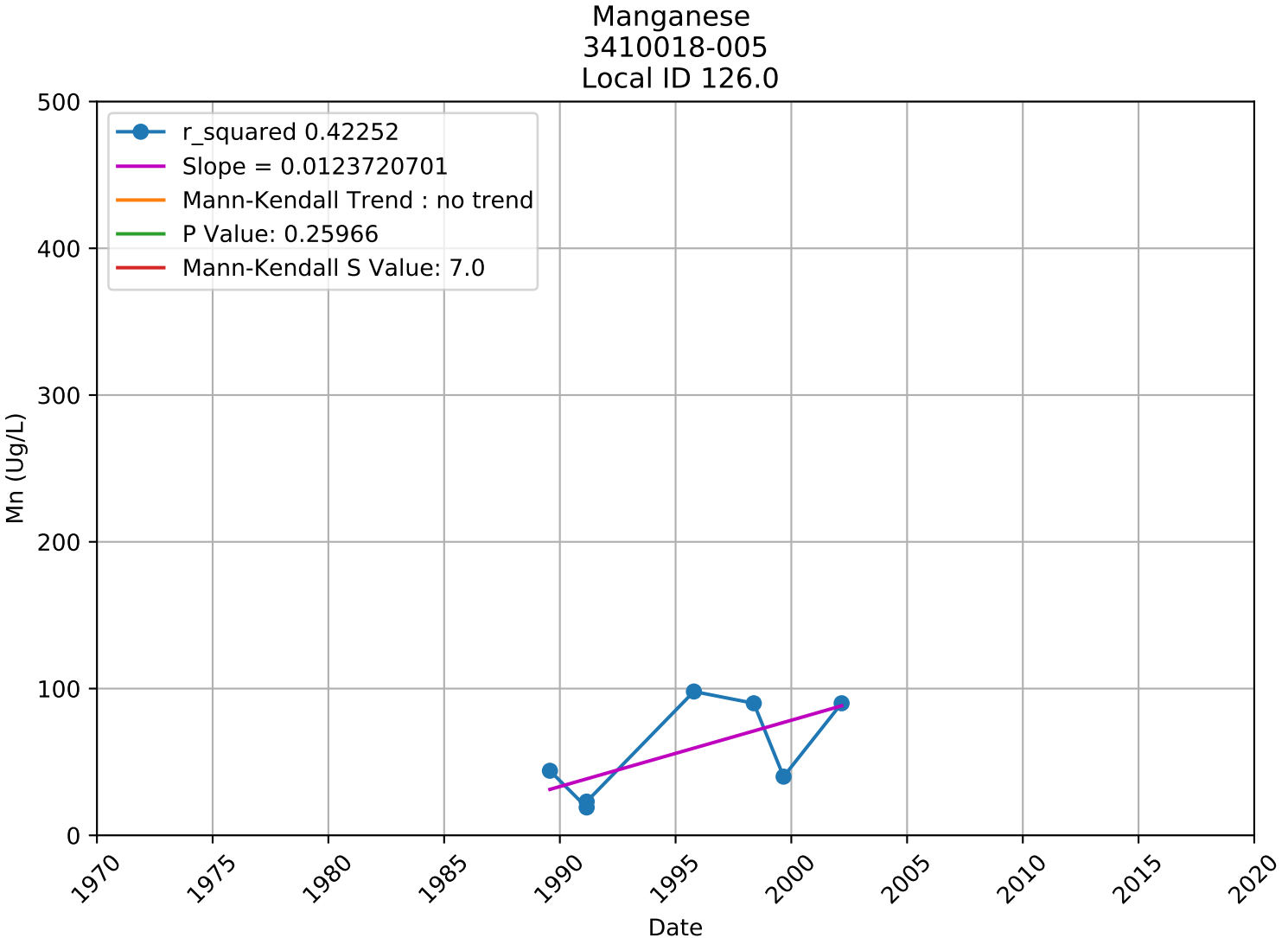

Manganese
3410013-026
Local ID 188.0
r_squared 0.00022
Slope = 0.0000277953
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
Mn (Ug/L)
Date
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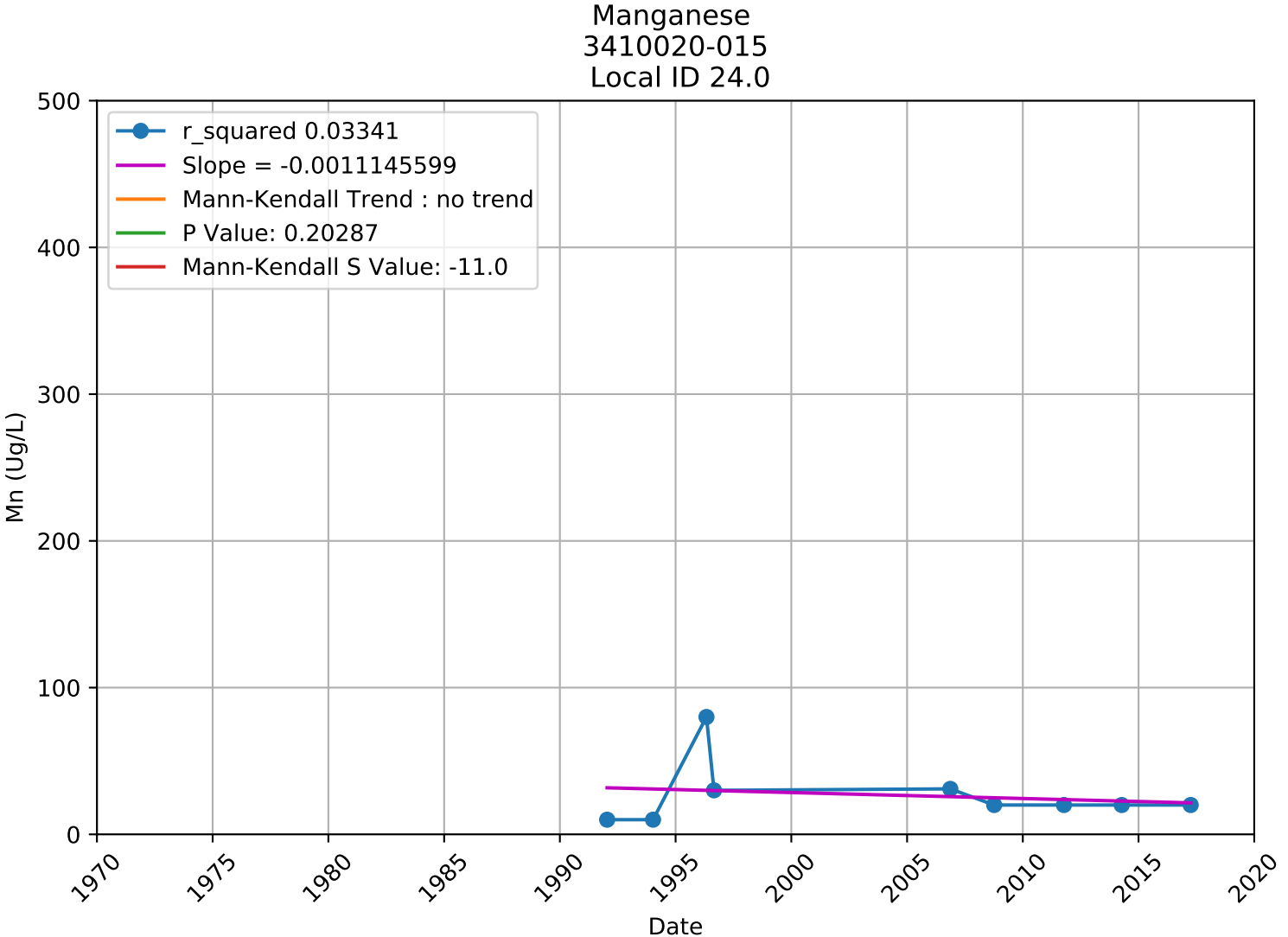

Manganese
3410013-027
Local ID 119.0
r_squared 0.12223
Slope = -0.0025741567
Mann-Kendall Trend : no trend
P Value: 0.69911
Mann-Kendall S Value: 6.0
Mn (Ug/L)
Date
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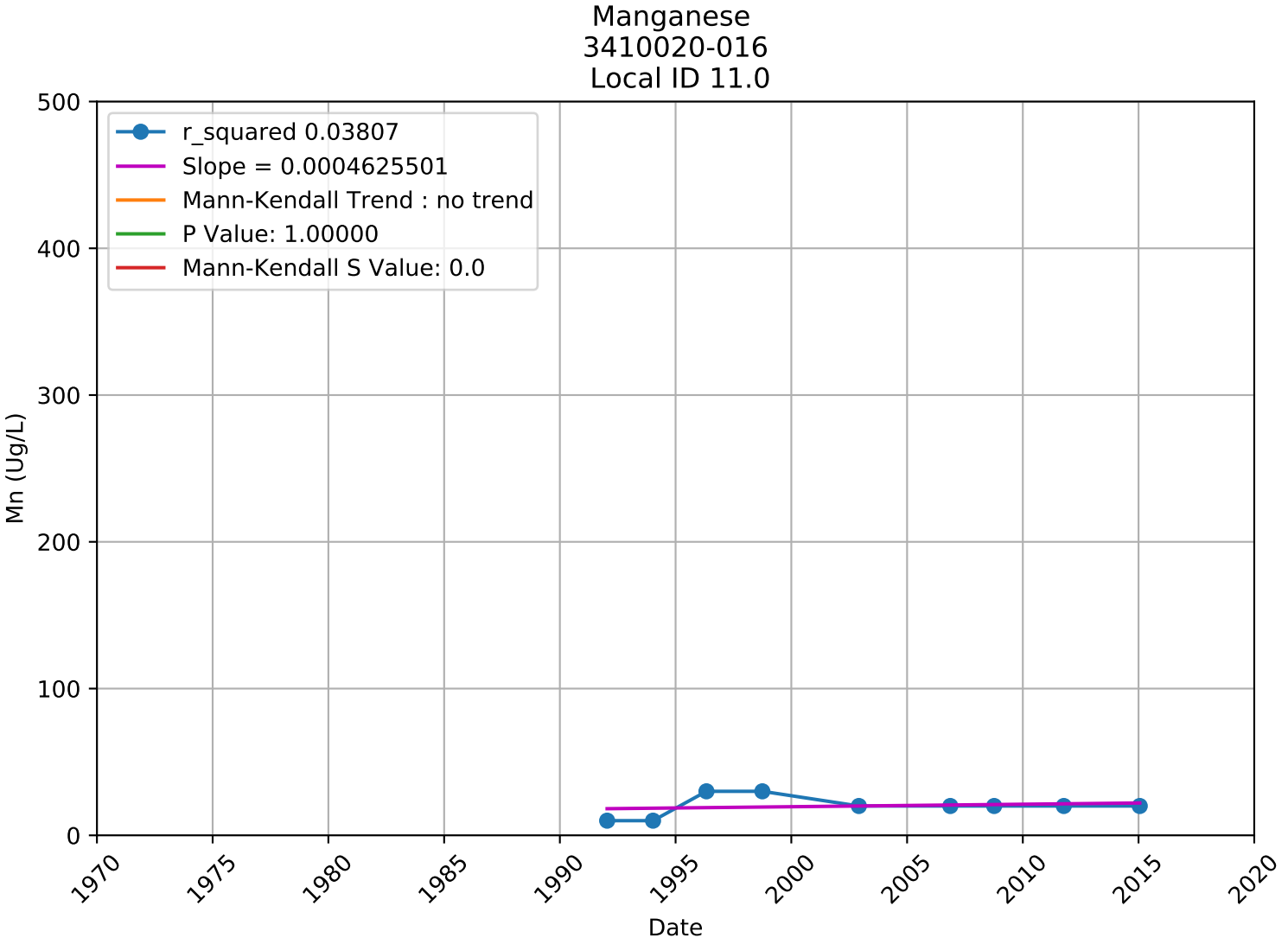

Manganese
3410013-028
Local ID 165.0
r_squared 0.19480
Slope = 0.0020236921
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
Mn (Ug/L)
Date
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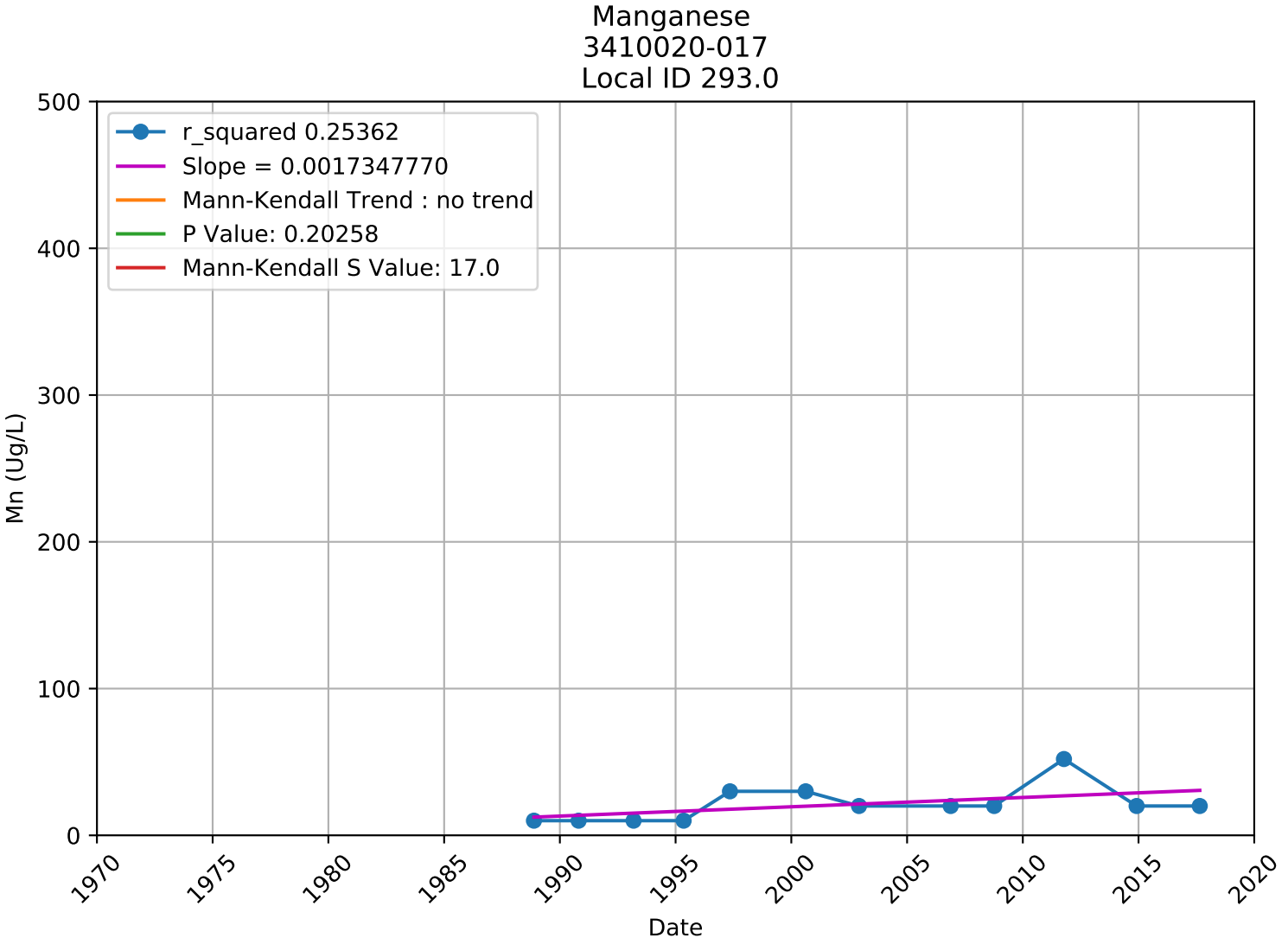

Manganese
3410016-001
Local ID 125.0
r_squared 0.80451
Slope = -0.0022874878
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
Mn (Ug/L)
Date
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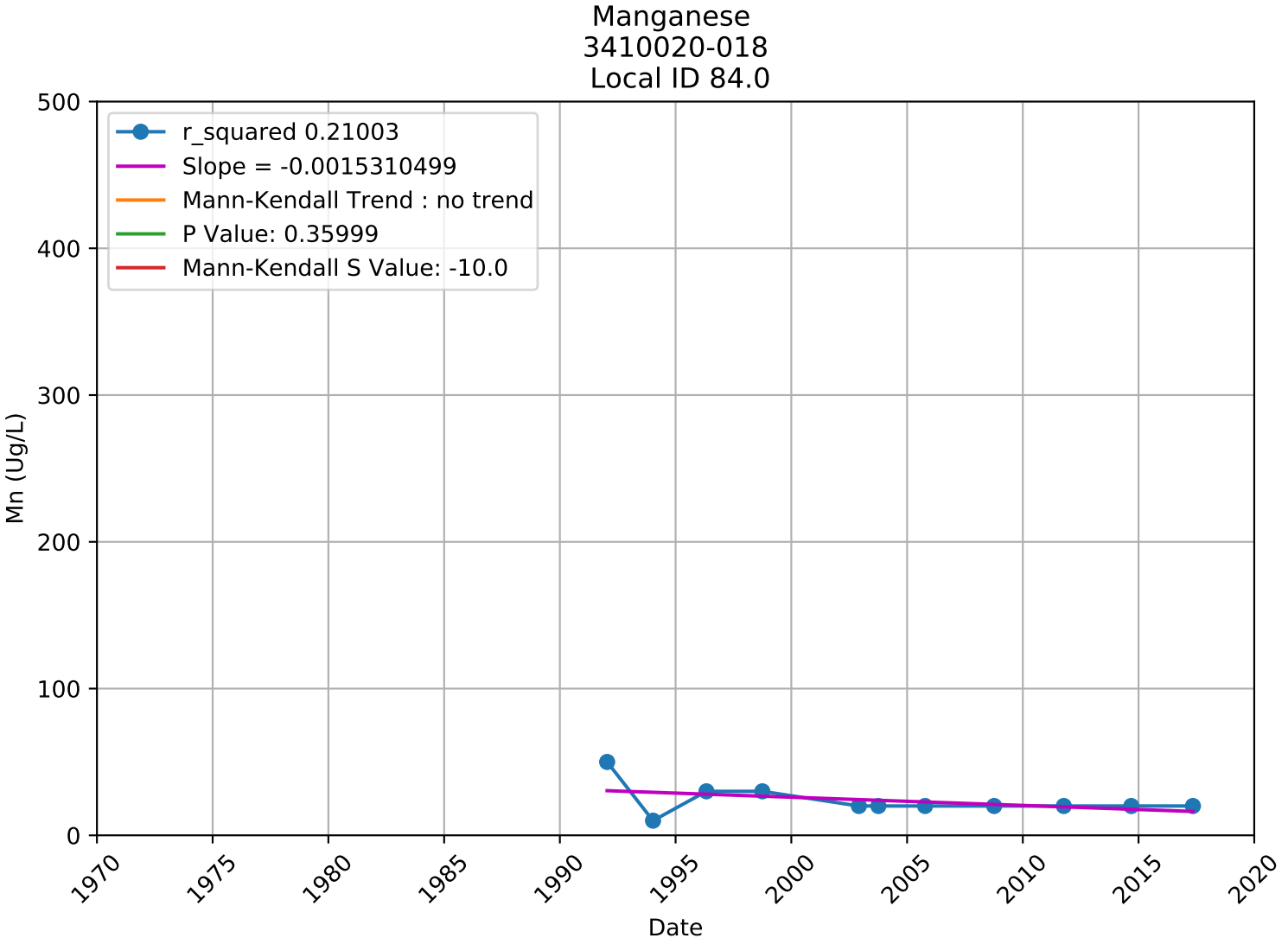

Manganese
3410016-002
Local ID 147.0
r_squared 0.36316
Slope = -0.0008797938
Mann-Kendall Trend : no trend
P Value: 0.28884
Mann-Kendall S Value: -4.0
Mn (Ug/L)
Date
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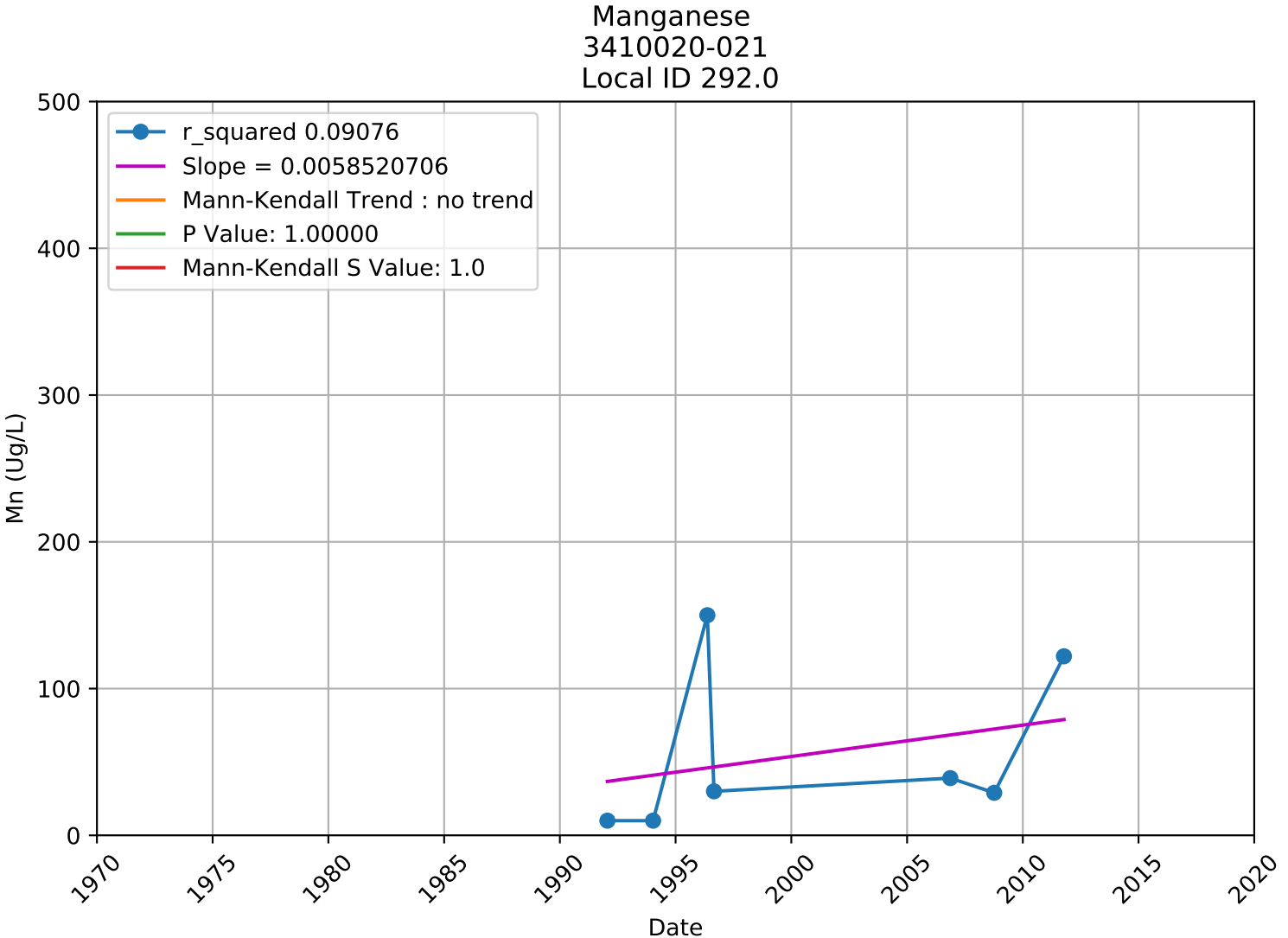

Manganese
3410018-005
Local ID 126.0
r_squared 0.42252
Slope = 0.0123720701
Mann-Kendall Trend : no trend
P Value: 0.25966
Mann-Kendall S Value: 7.0
Mn (Ug/L)
Date
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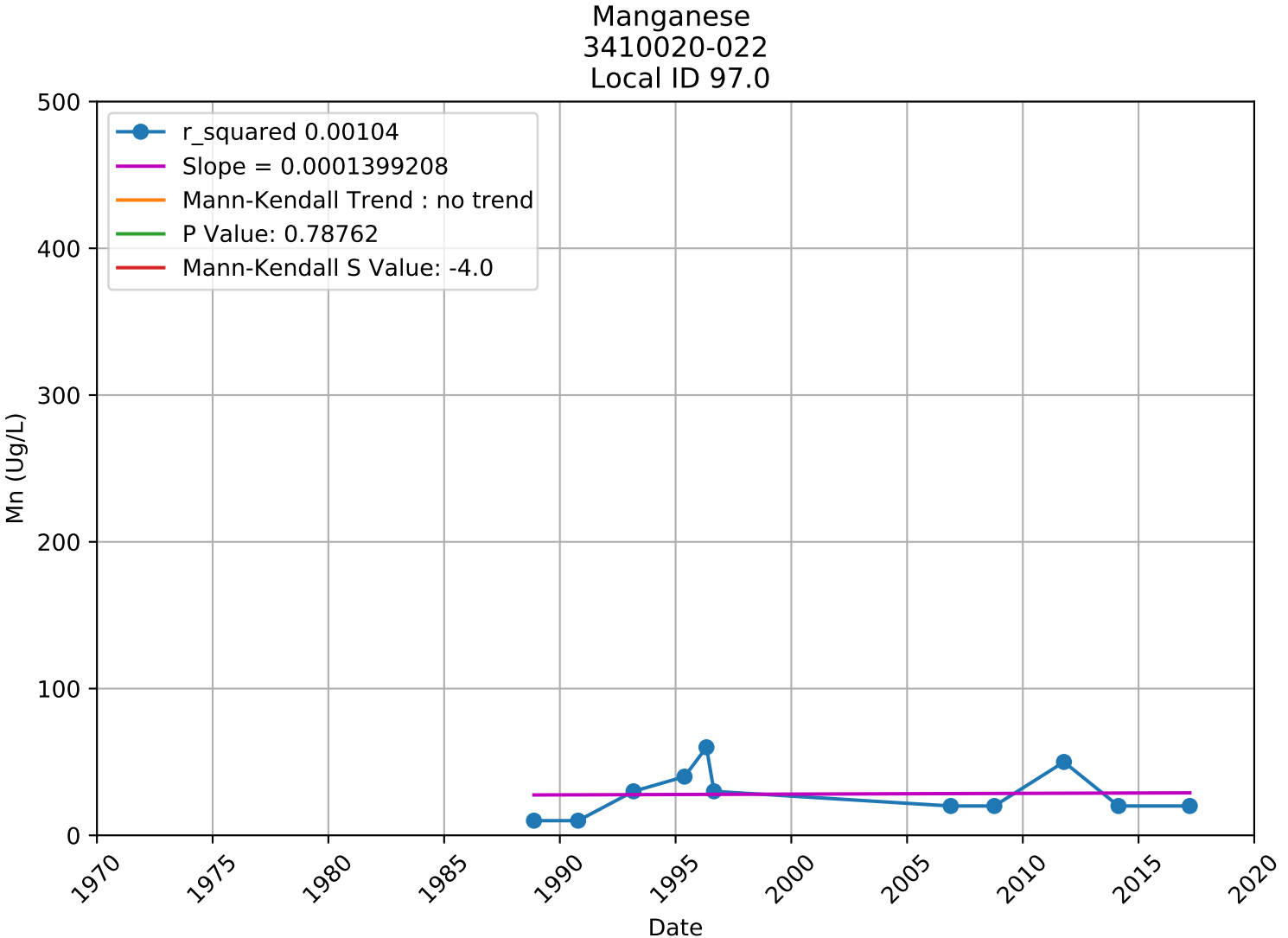

Manganese
3410020-015
Local ID 24.0
r_squared 0.03341
Slope = -0.0011145599
Mann-Kendall Trend : no trend
P Value: 0.20287
Mann-Kendall S Value: -11.0
Mn (Ug/L)
Date
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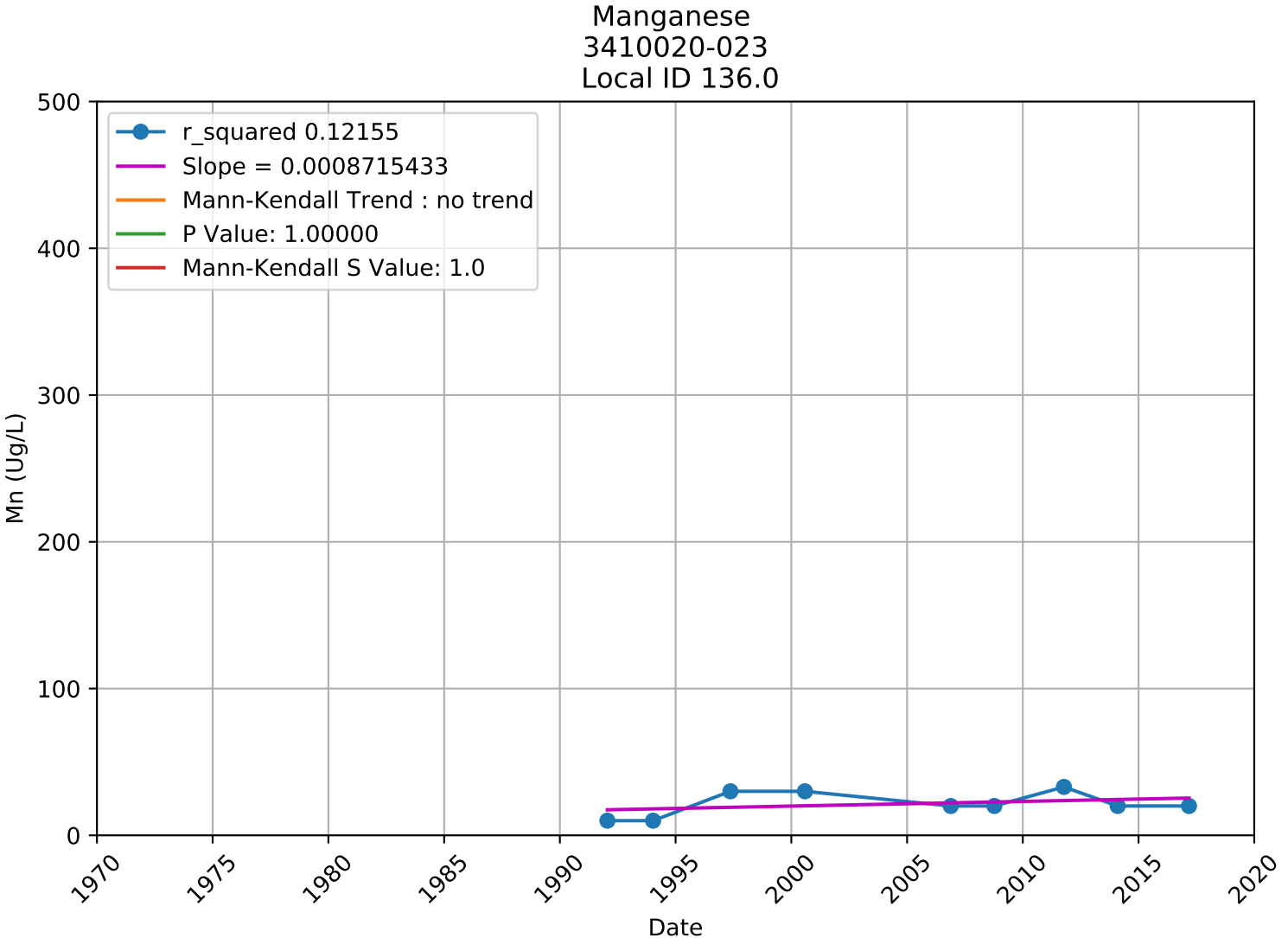

Manganese
3410020-016
Local ID 11.0
r_squared 0.03807
Slope = 0.0004625501
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Mn (Ug/L)
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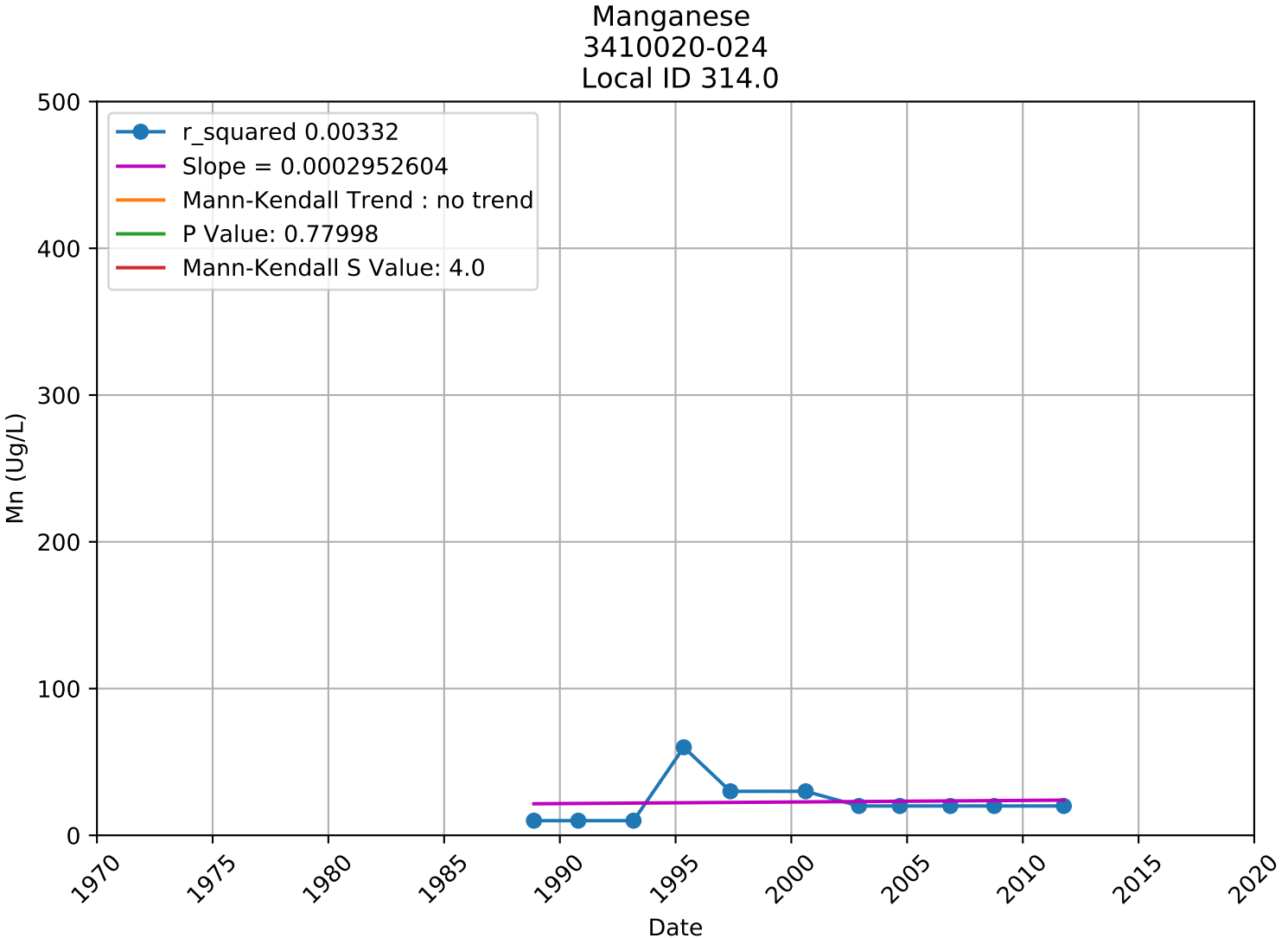

Manganese
3410020-017
Local ID 293.0
r_squared 0.25362
Slope = 0.0017347770
Mann-Kendall Trend : no trend
P Value: 0.20258
Mann-Kendall S Value: 17.0
Mn (Ug/L)
Date
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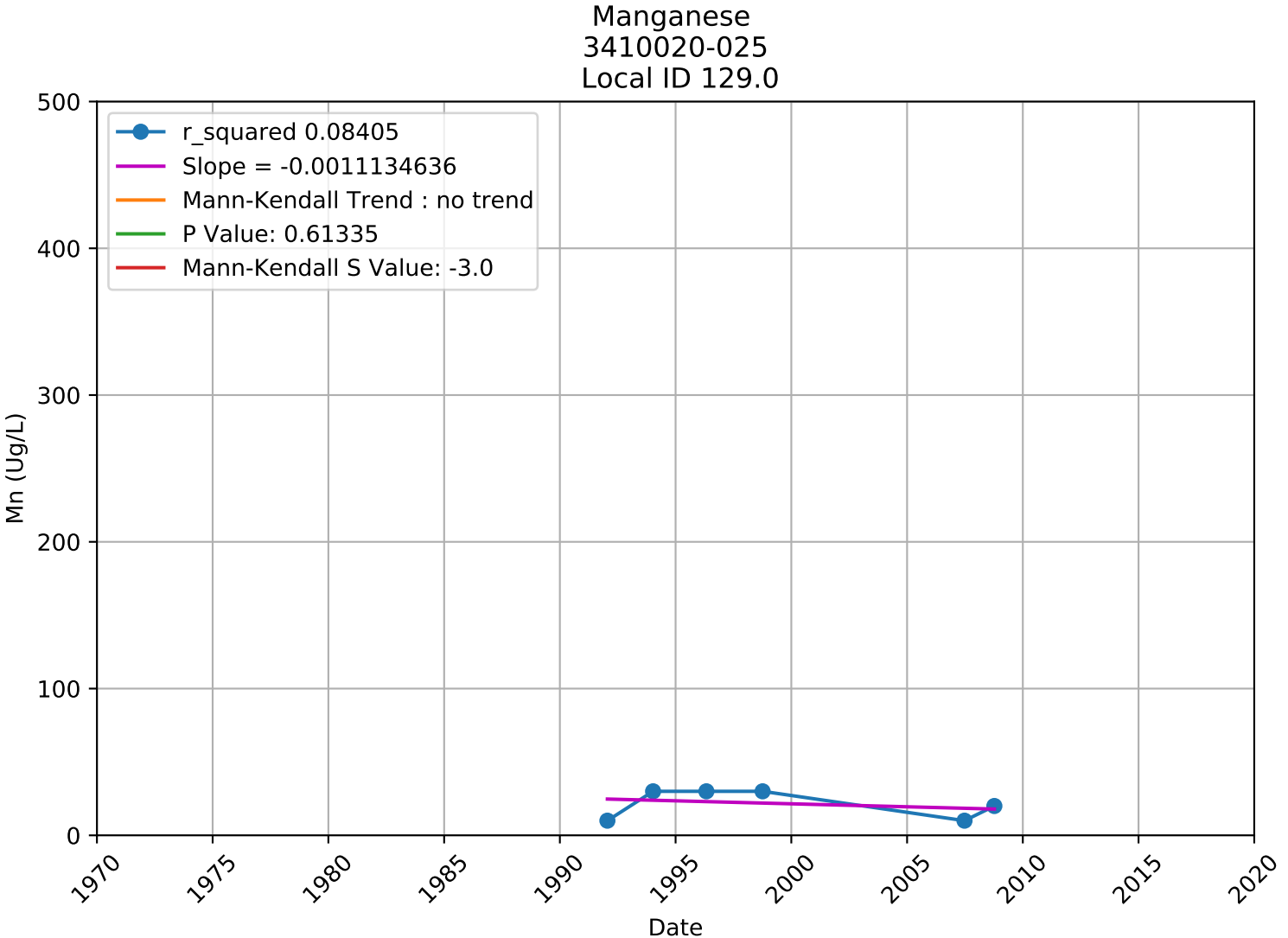

Manganese
3410020-018
Local ID 84.0
r_squared 0.21003
Slope = -0.0015310499
Mann-Kendall Trend : no trend
P Value: 0.35999
Mann-Kendall S Value: -10.0
Mn (Ug/L)
Date
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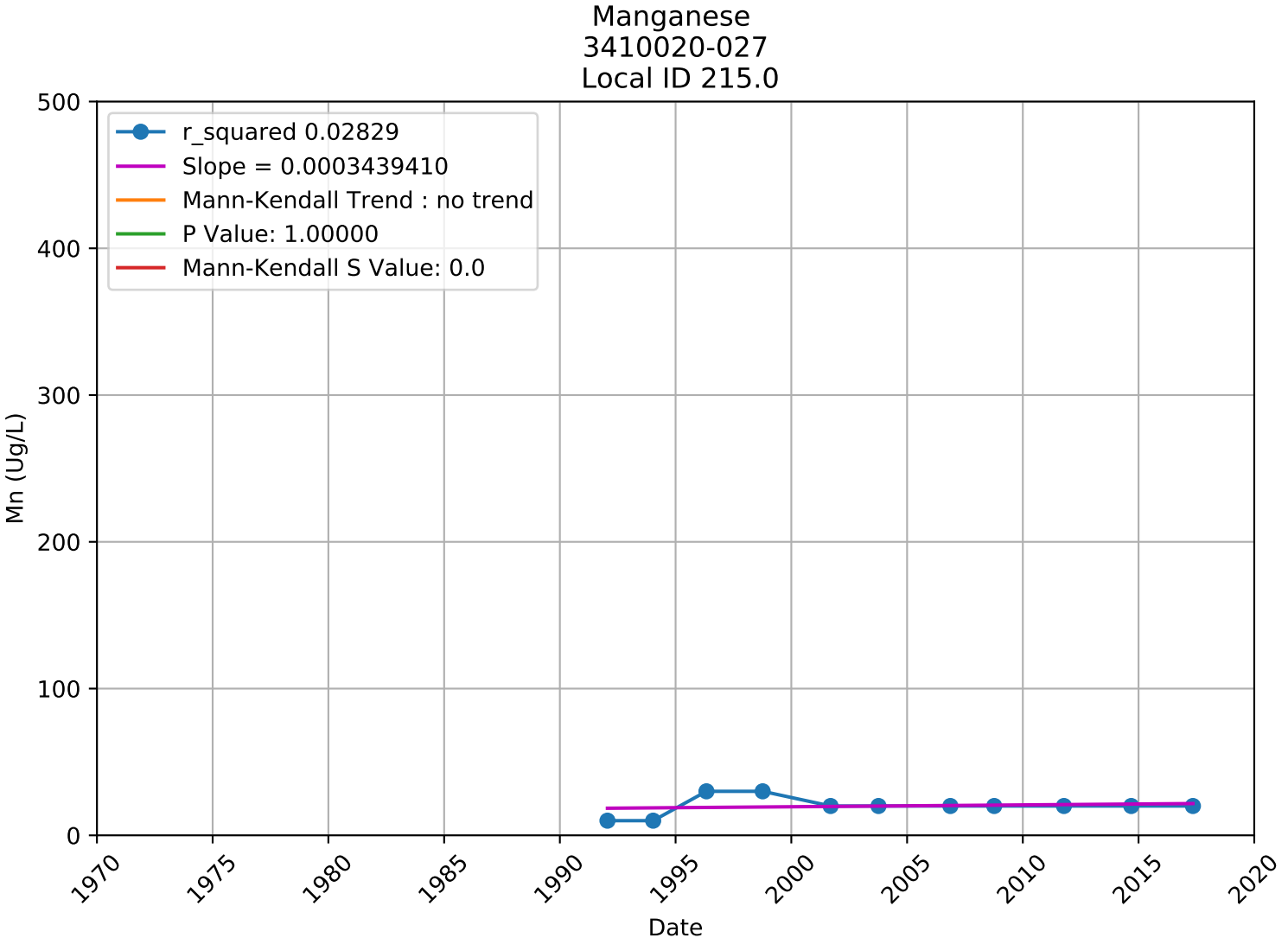

Manganese
3410020-021
Local ID 292.0
r_squared 0.09076
Slope = 0.0058520706
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
Mn (Ug/L)
Date
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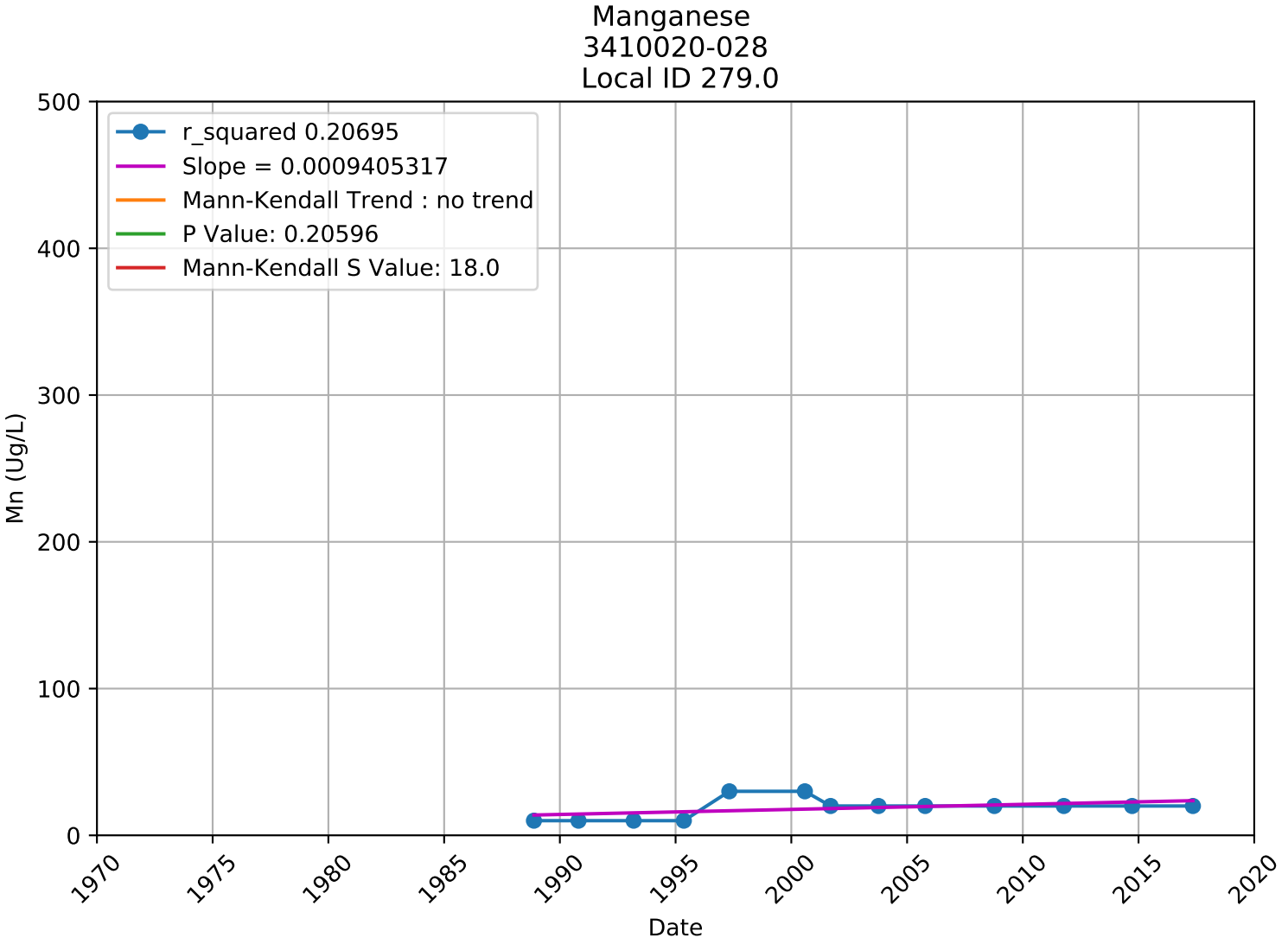

Manganese
3410020-022
Local ID 97.0
r_squared 0.00104
Slope = 0.0001399208
Mann-Kendall Trend : no trend
P Value: 0.78762
Mann-Kendall S Value: -4.0
Mn (Ug/L)
Date
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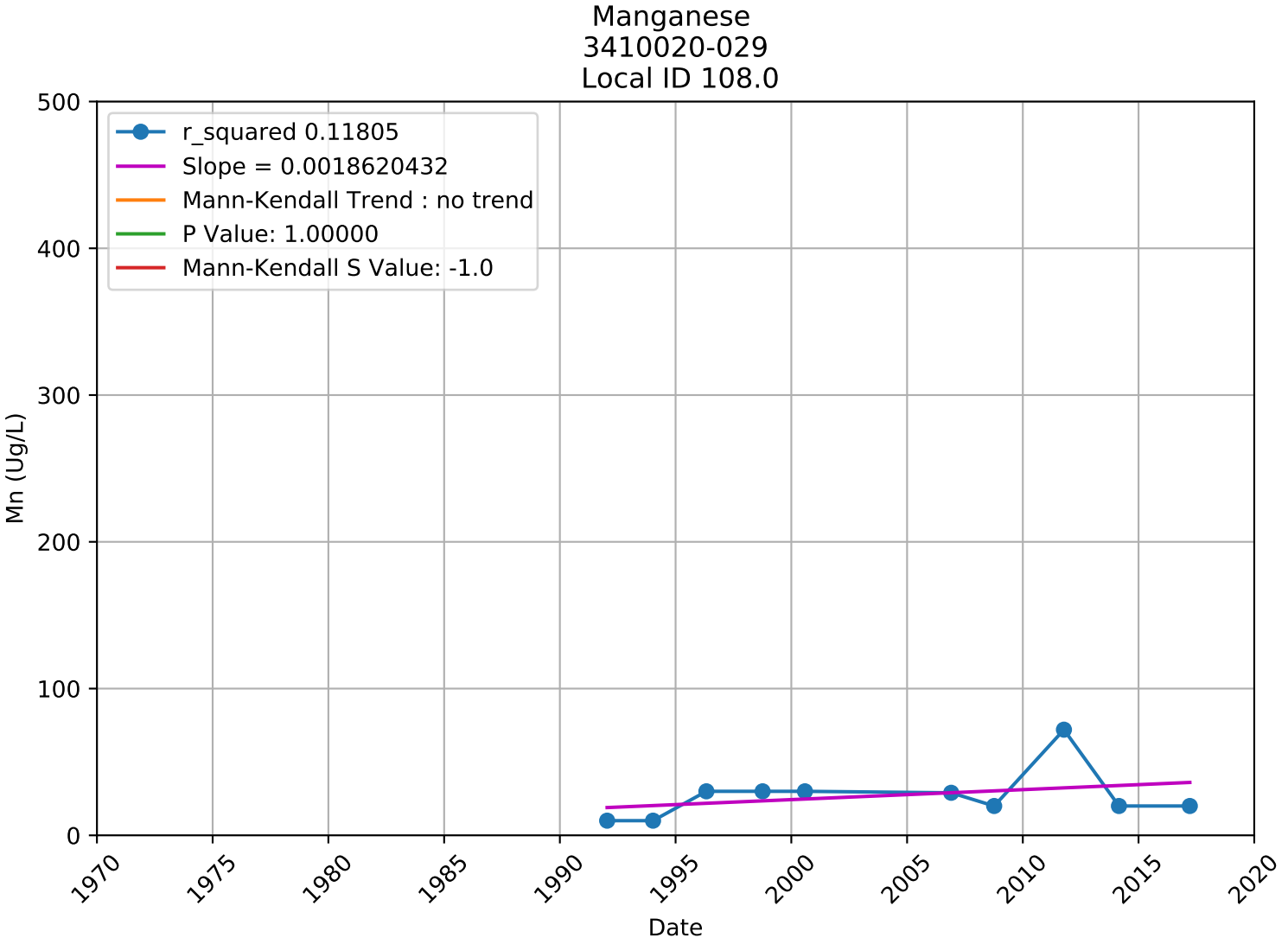

Manganese
3410020-023
Local ID 136.0
r_squared 0.12155
Slope = 0.0008715433
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
Mn (Ug/L)
Date
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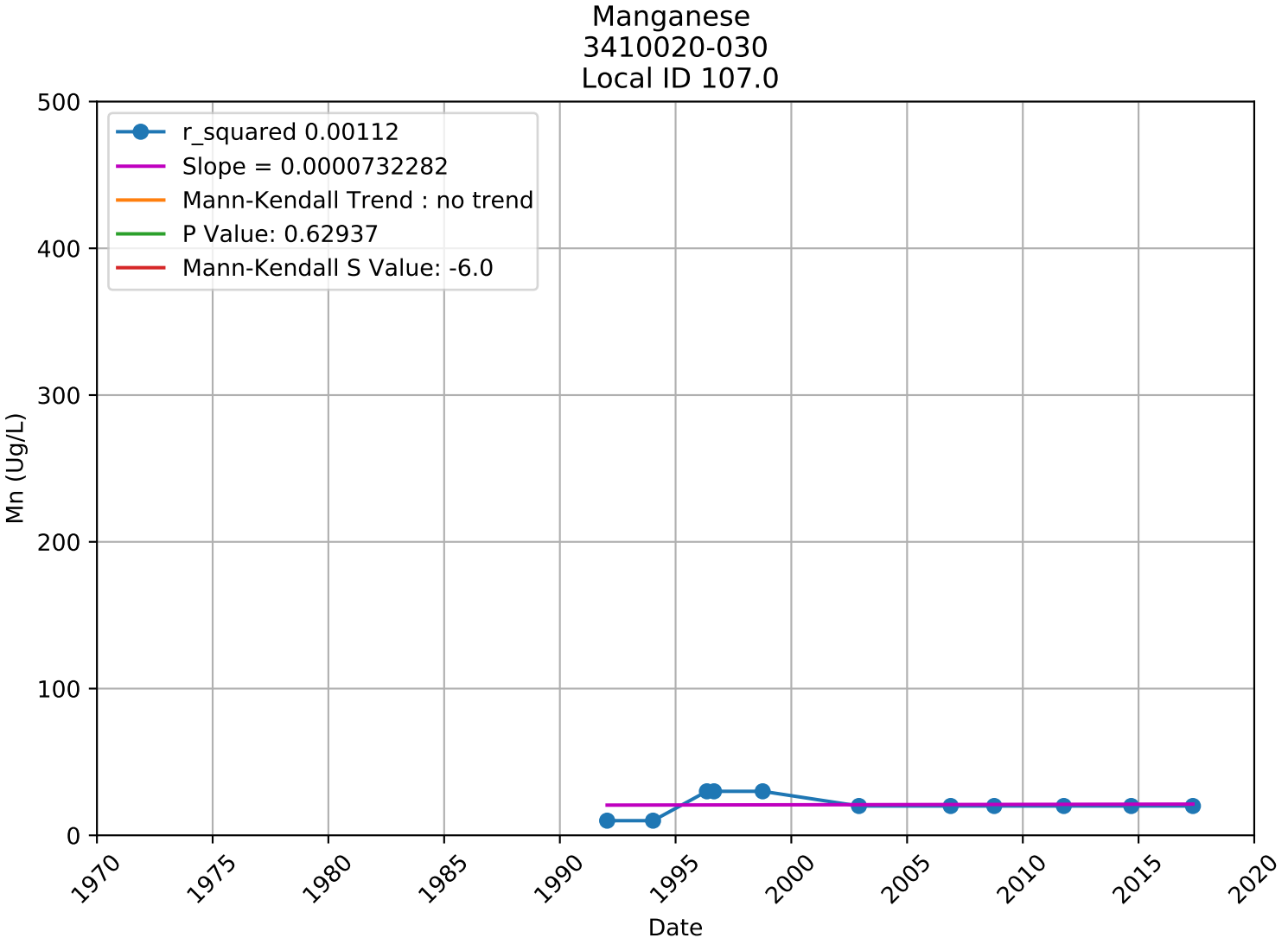

Manganese
3410020-024
Local ID 314.0
r_squared 0.00332
Slope = 0.0002952604
Mann-Kendall Trend : no trend
P Value: 0.77998
Mann-Kendall S Value: 4.0
Mn (Ug/L)
Date
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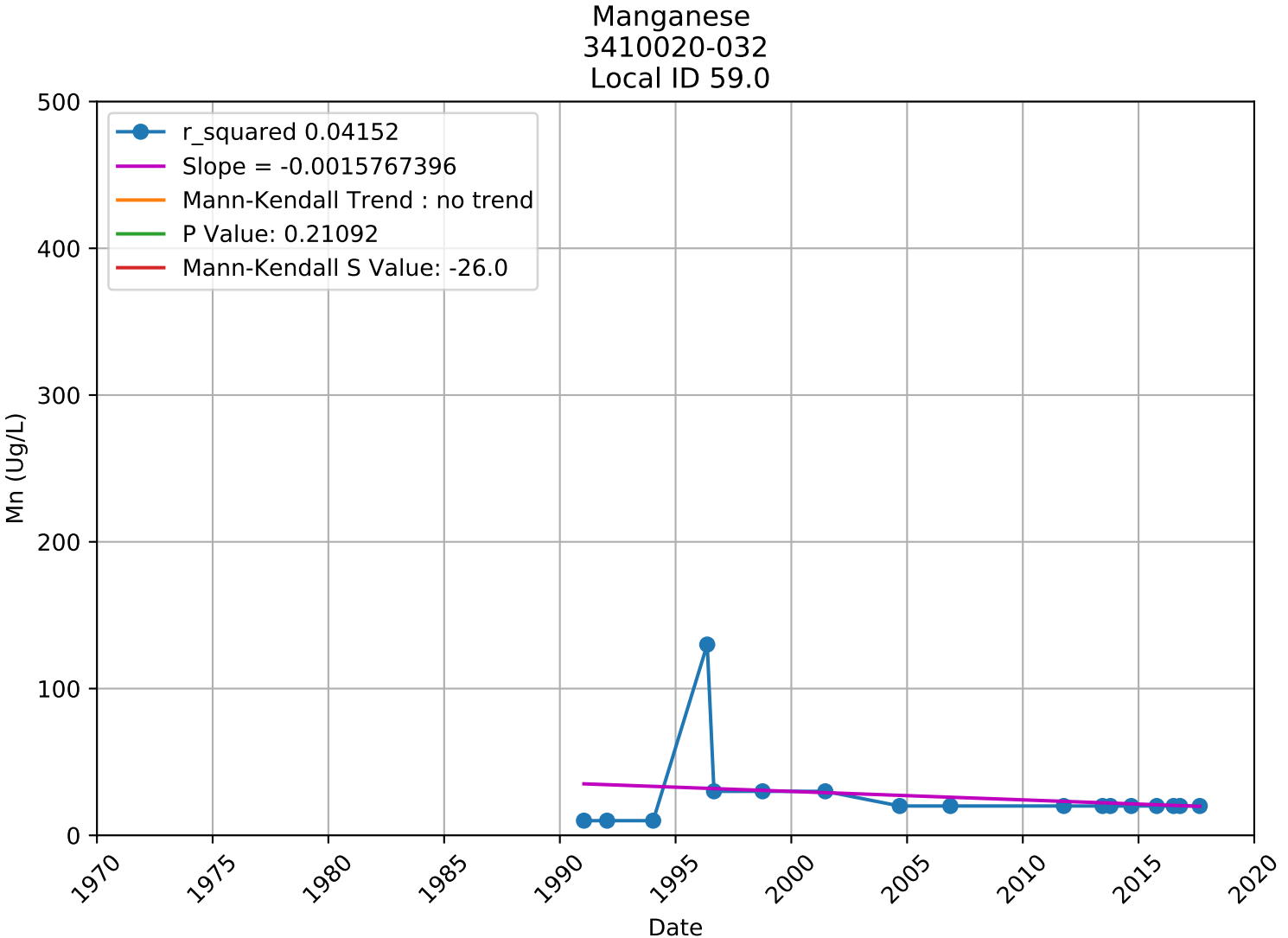

Manganese
3410020-025
Local ID 129.0
r_squared 0.08405
Slope = -0.0011134636
Mann-Kendall Trend : no trend
P Value: 0.61335
Mann-Kendall S Value: -3.0
Mn (Ug/L)
Date
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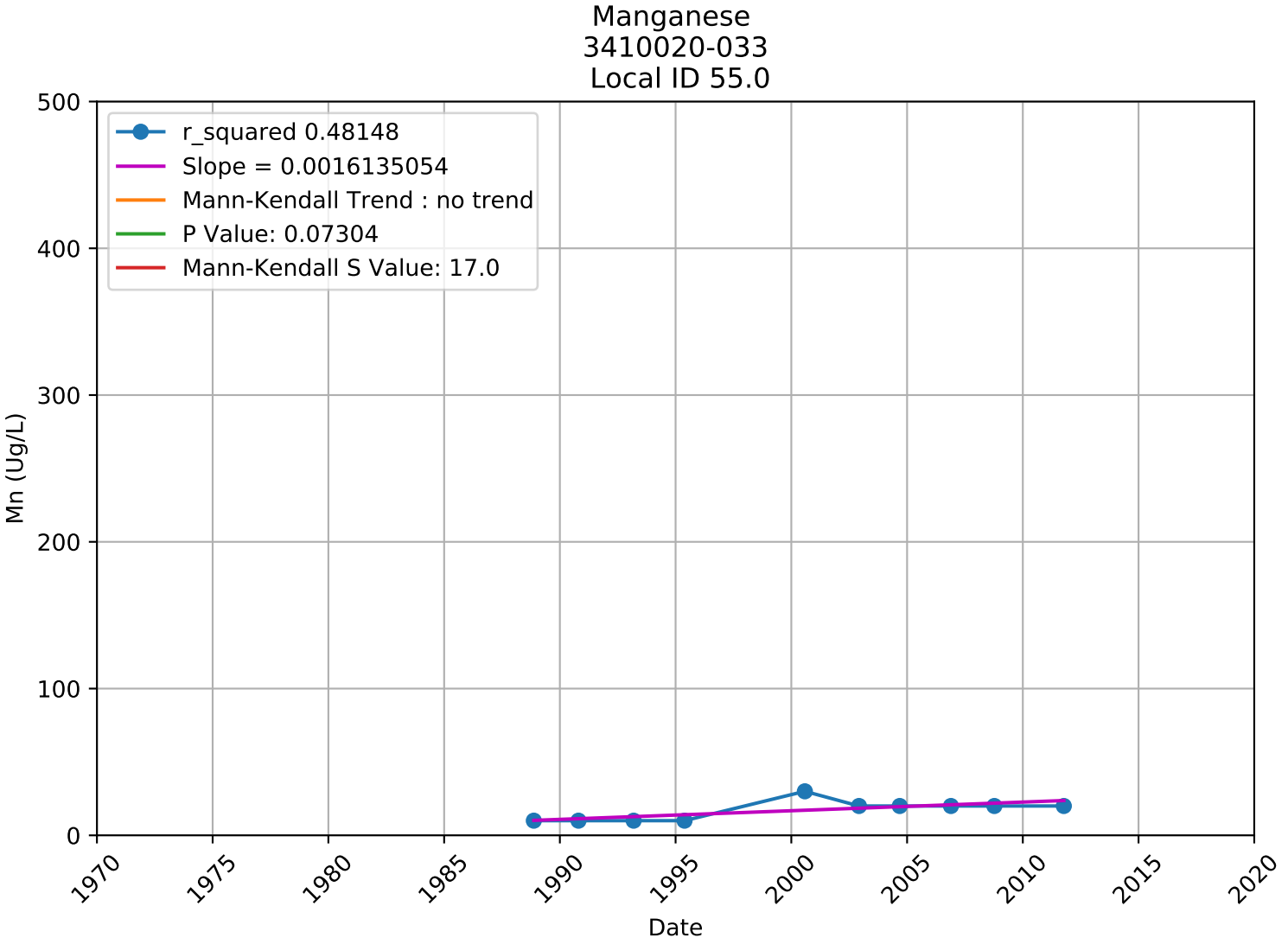

Manganese
3410020-027
Local ID 215.0
r_squared 0.02829
Slope = 0.0003439410
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Mn (Ug/L)
Date
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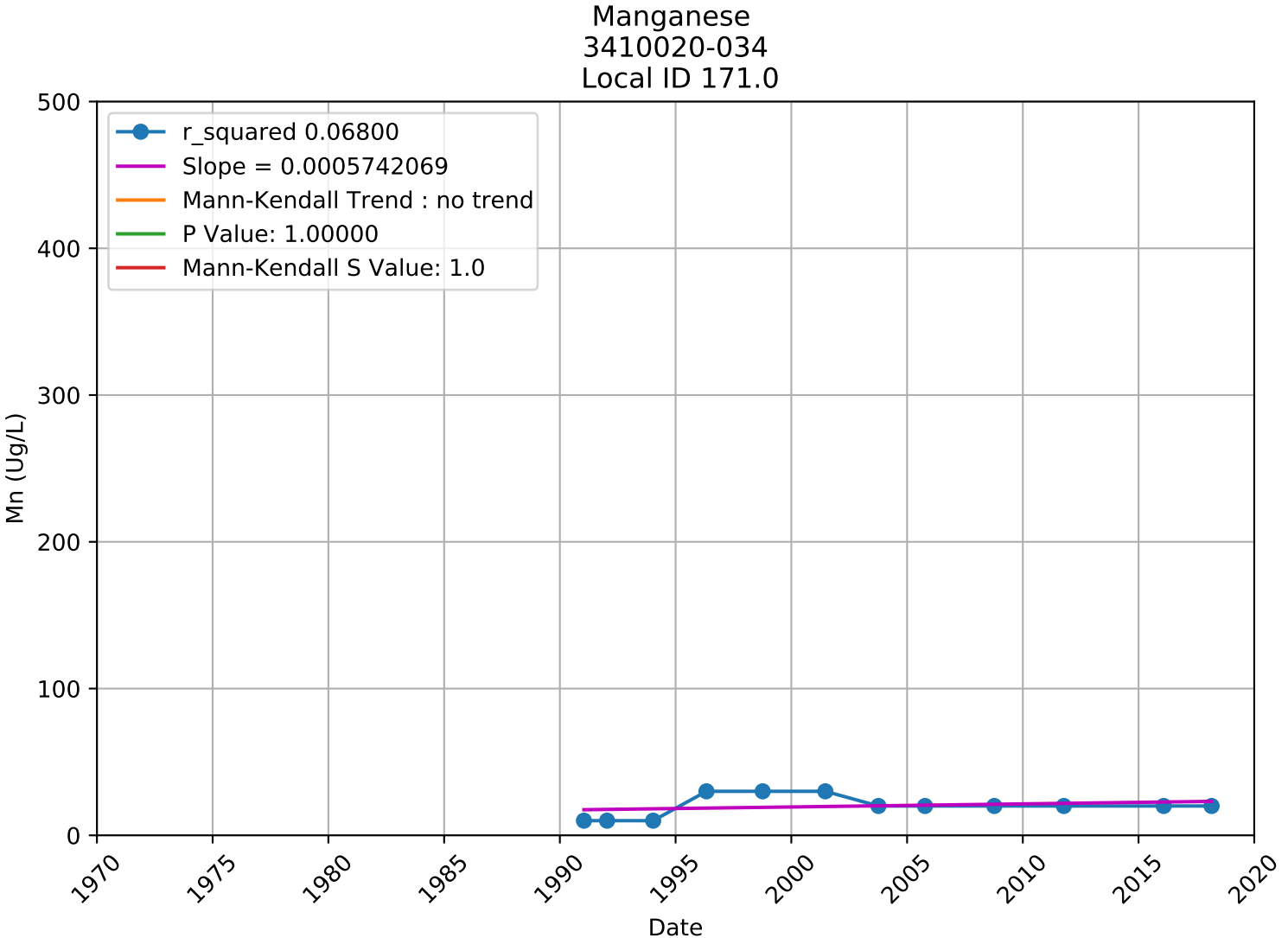

Manganese
3410020-028
Local ID 279.0
r_squared 0.20695
Slope = 0.0009405317
Mann-Kendall Trend : no trend
P Value: 0.20596
Mann-Kendall S Value: 18.0
Mn (Ug/L)
Date
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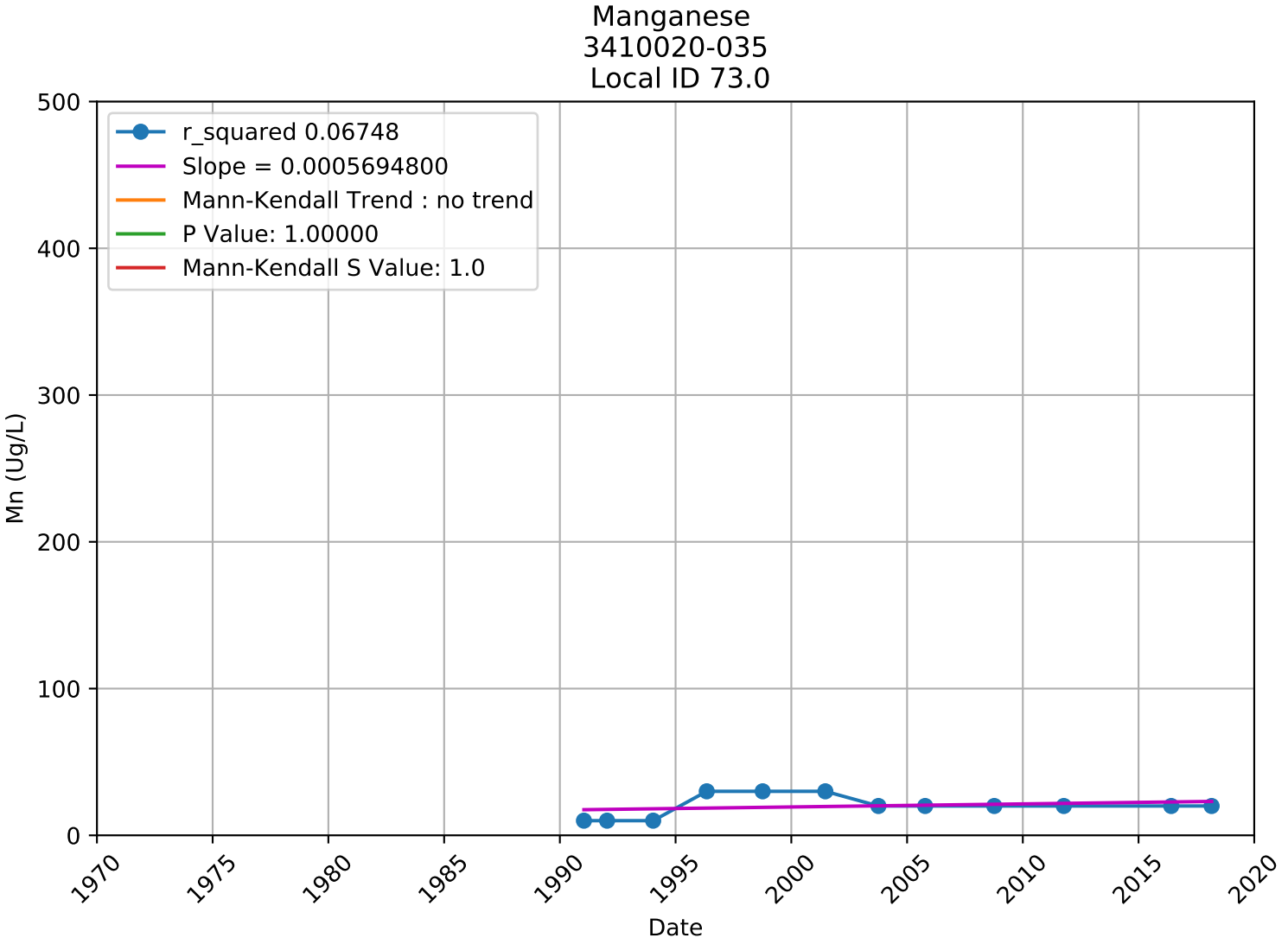

Manganese
3410020-029
Local ID 108.0
r_squared 0.11805
Slope = 0.0018620432
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
Mn (Ug/L)
Date
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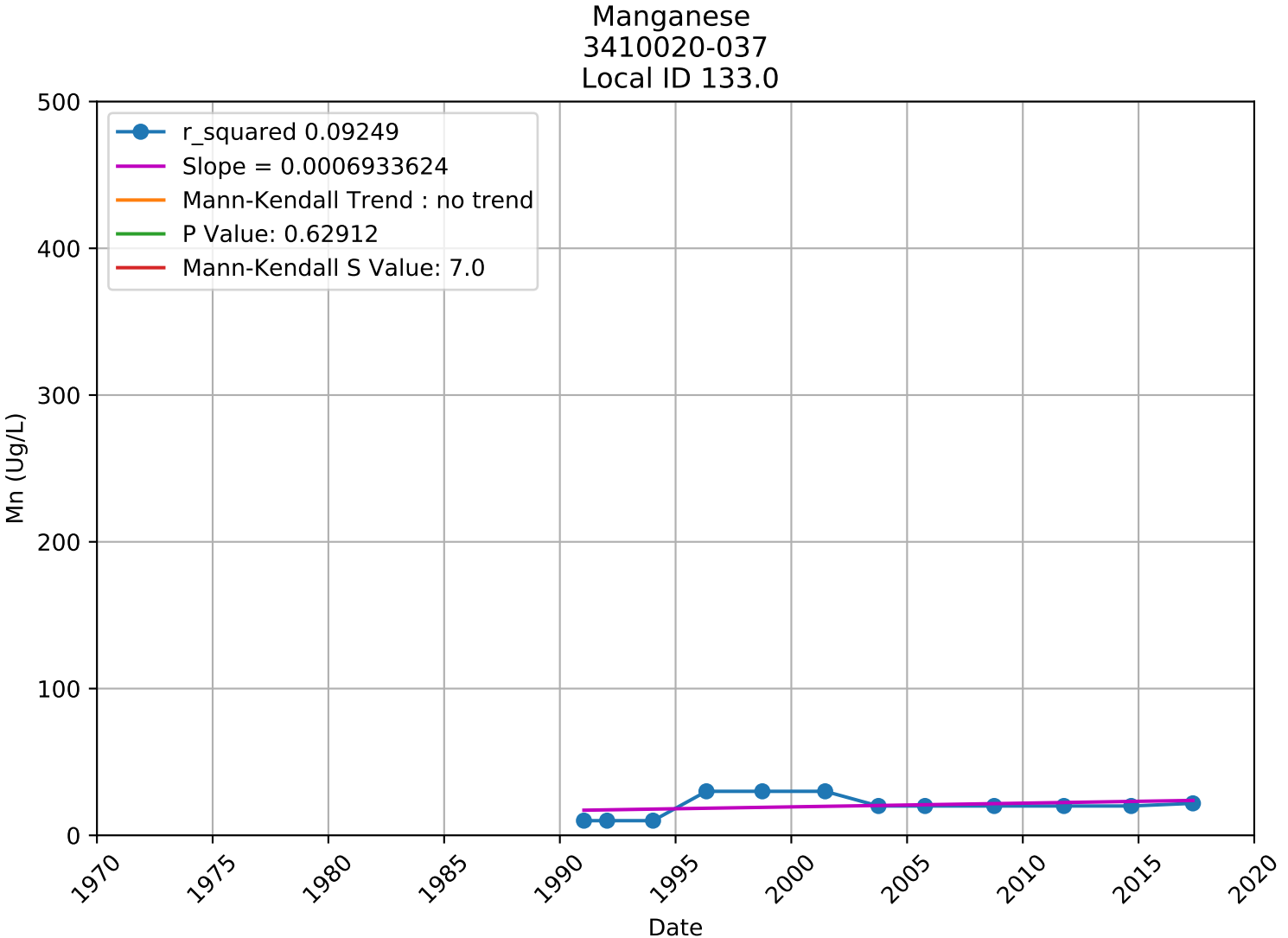

Manganese
3410020-030
Local ID 107.0
r_squared 0.00112
Slope = 0.0000732282
Mann-Kendall Trend : no trend
P Value: 0.62937
Mann-Kendall S Value: -6.0
Mn (Ug/L)
Date
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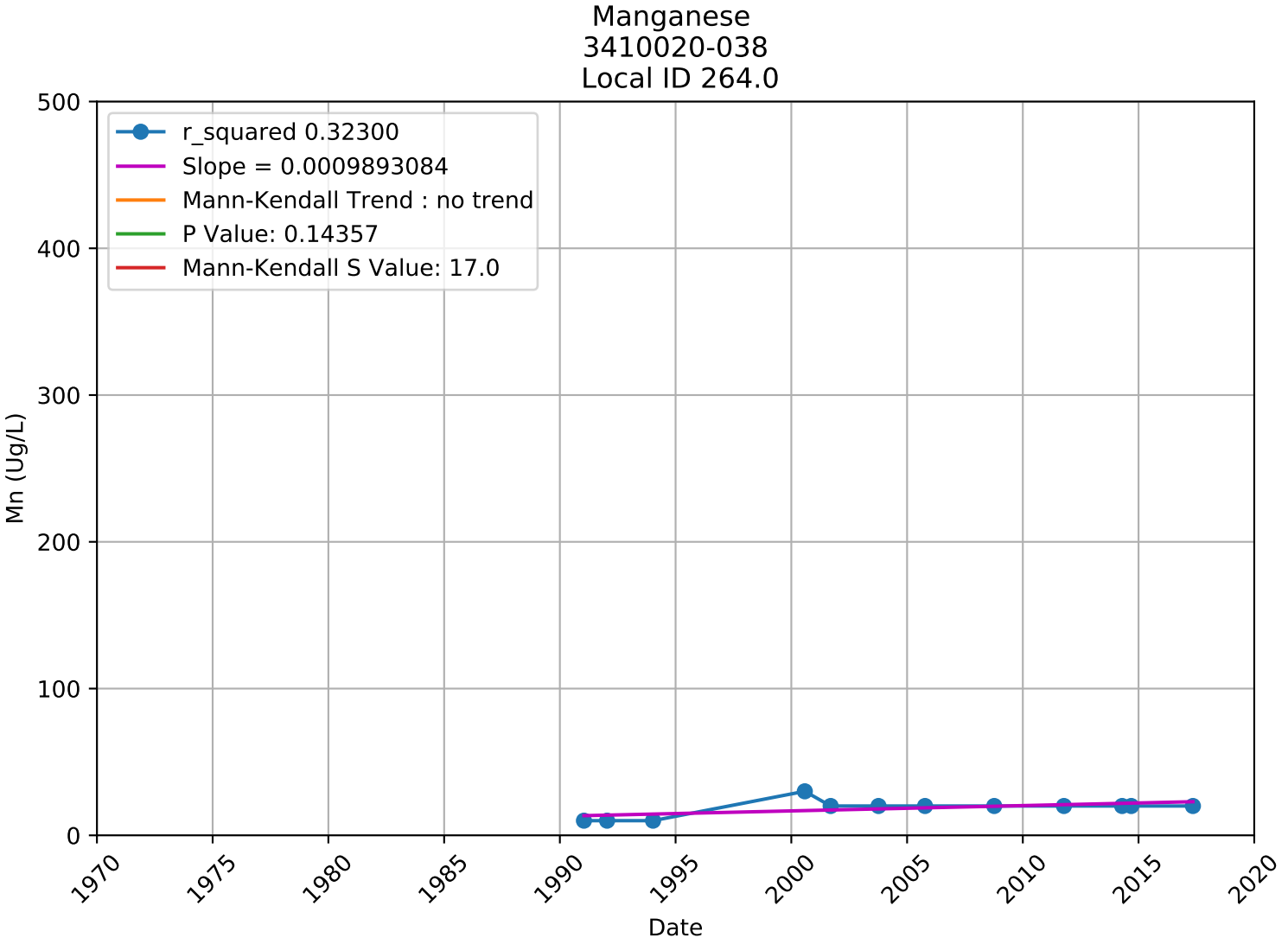

Manganese
3410020-032
Local ID 59.0
r_squared 0.04152
Slope = -0.0015767396
Mann-Kendall Trend : no trend
P Value: 0.21092
Mann-Kendall S Value: -26.0
Mn (Ug/L)
Date
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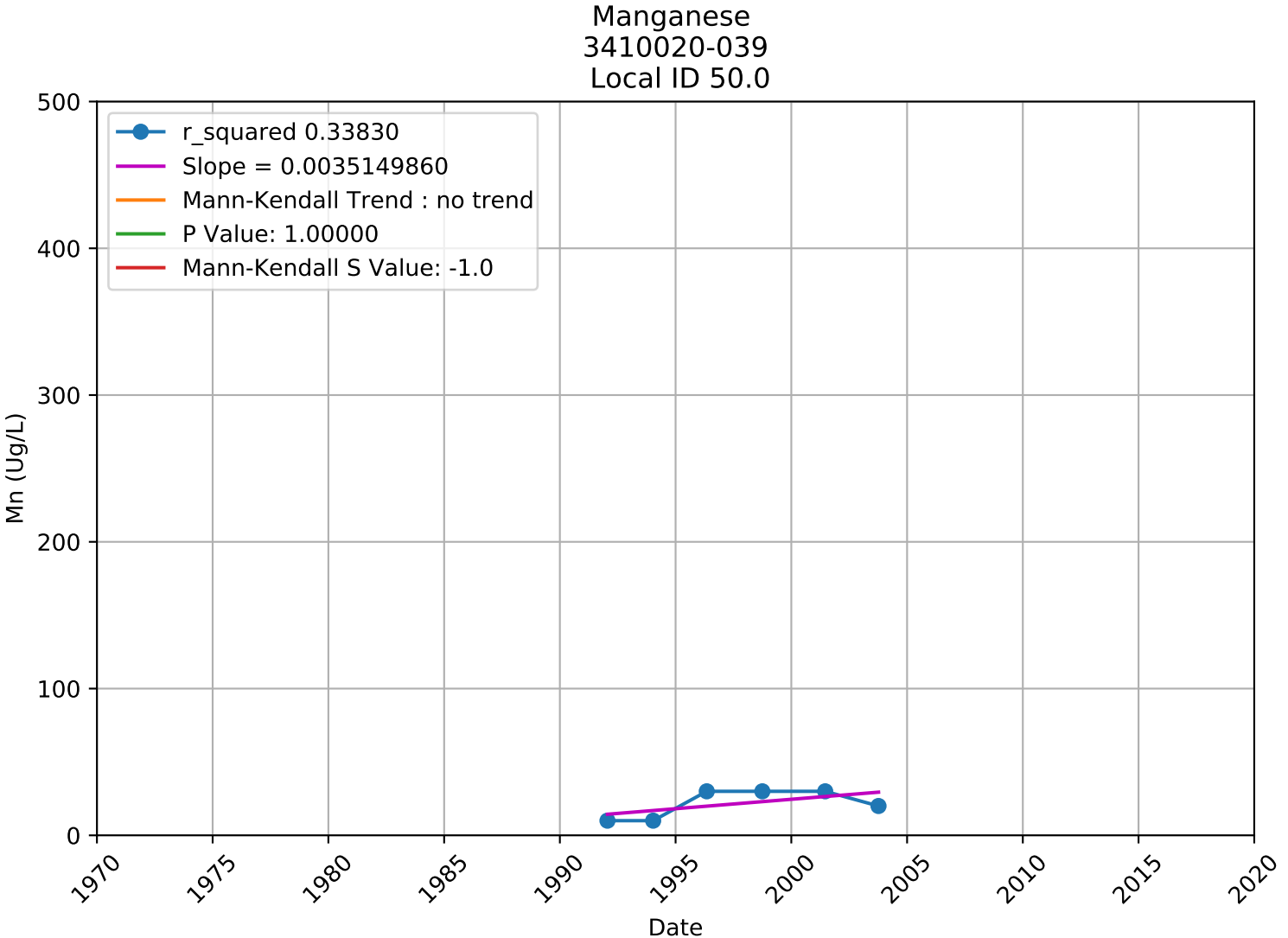

Manganese
3410020-033
Local ID 55.0
r_squared 0.48148
Slope = 0.0016135054
Mann-Kendall Trend : no trend
P Value: 0.07304
Mann-Kendall S Value: 17.0
Mn (Ug/L)
Date
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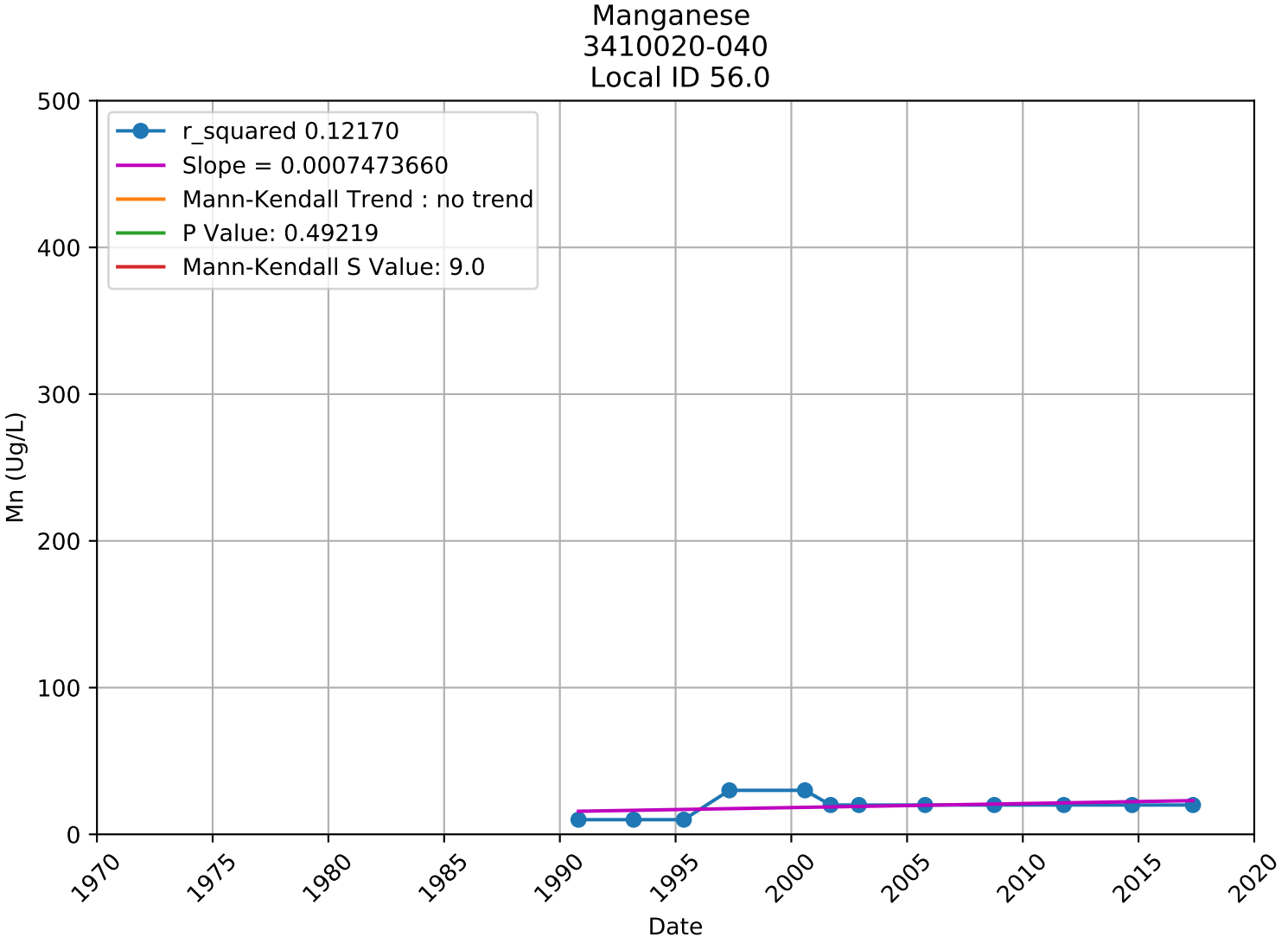

Manganese
3410020-034
Local ID 171.0
r_squared 0.06800
Slope = 0.0005742069
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
Mn (Ug/L)
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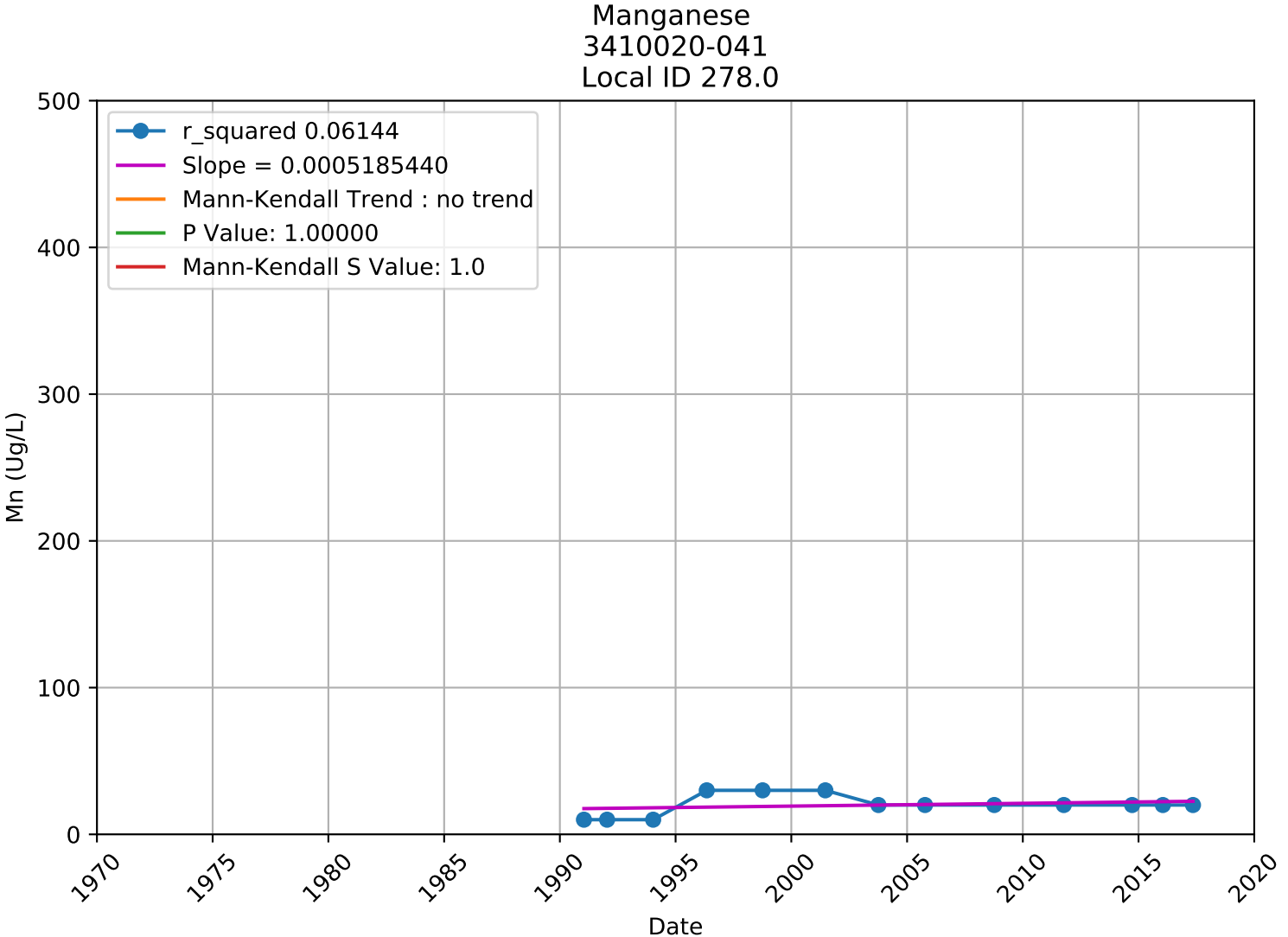

Manganese
3410020-035
Local ID 73.0
r_squared 0.06748
Slope = 0.0005694800
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
Mn (Ug/L)
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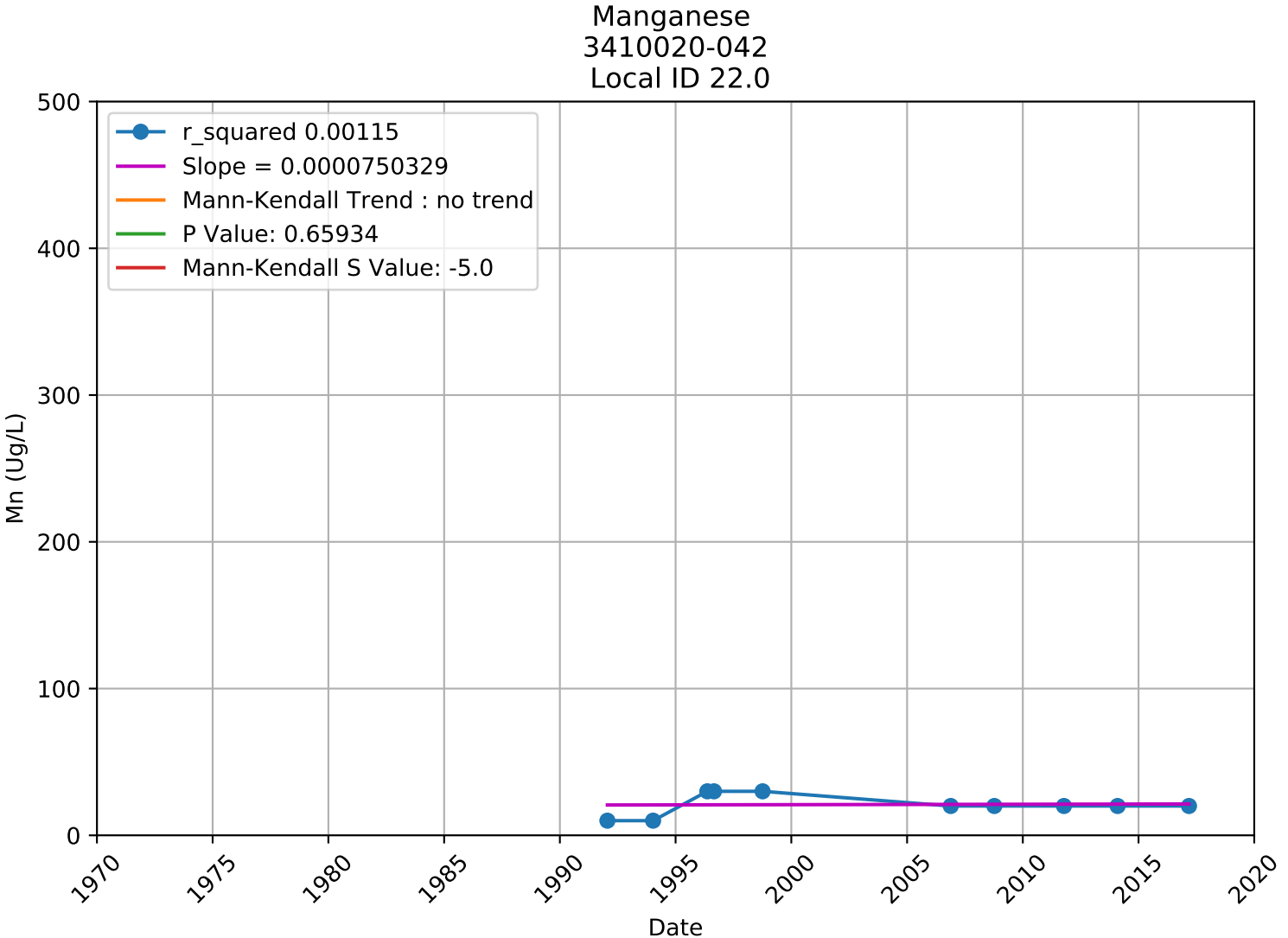

Manganese
3410020-037
Local ID 133.0
r_squared 0.09249
Slope = 0.0006933624
Mann-Kendall Trend : no trend
P Value: 0.62912
Mann-Kendall S Value: 7.0
Mn (Ug/L)
Date
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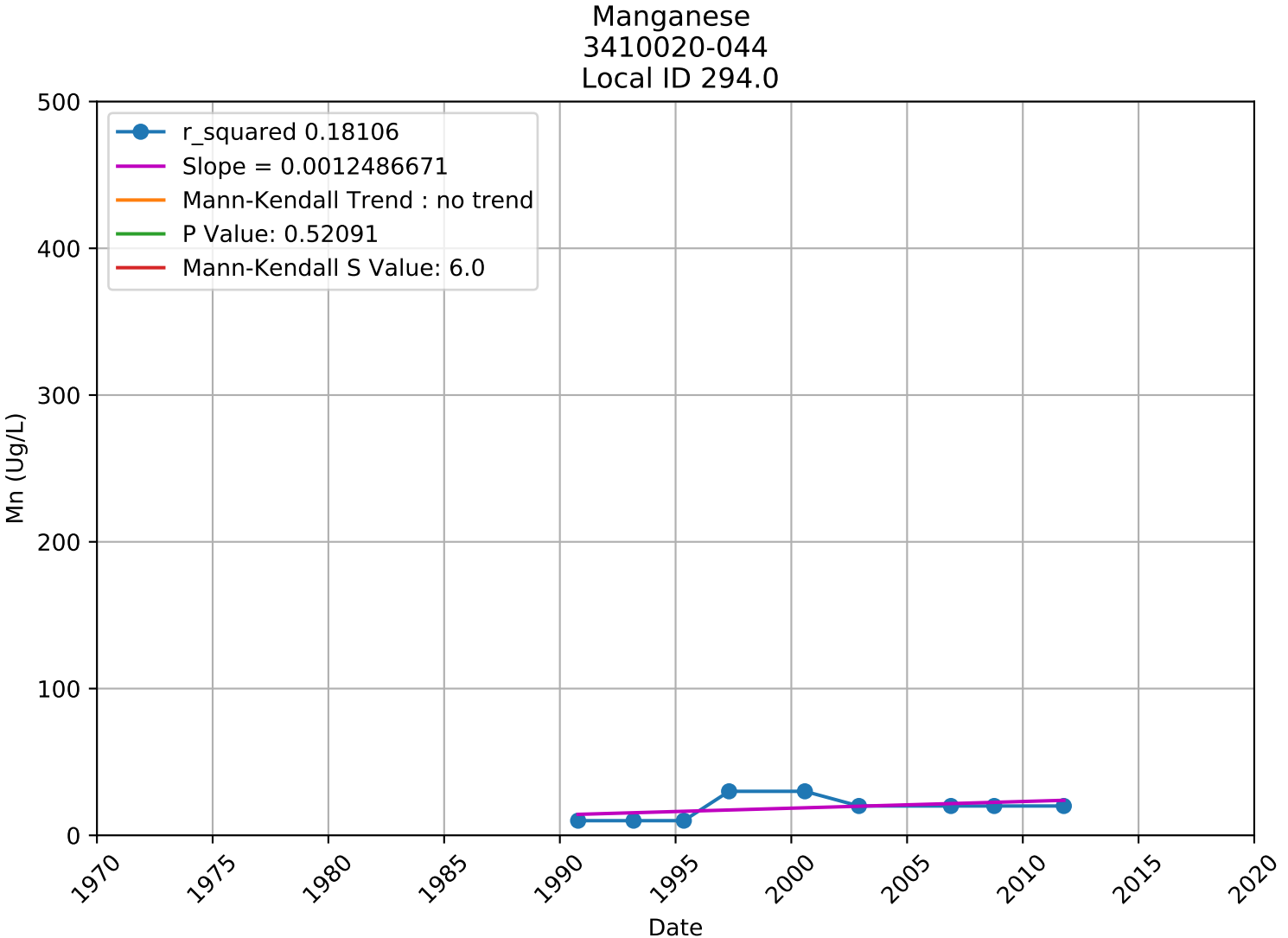

Manganese
3410020-038
Local ID 264.0
r_squared 0.32300
Slope = 0.0009893084
Mann-Kendall Trend : no trend
P Value: 0.14357
Mann-Kendall S Value: 17.0
Mn (Ug/L)
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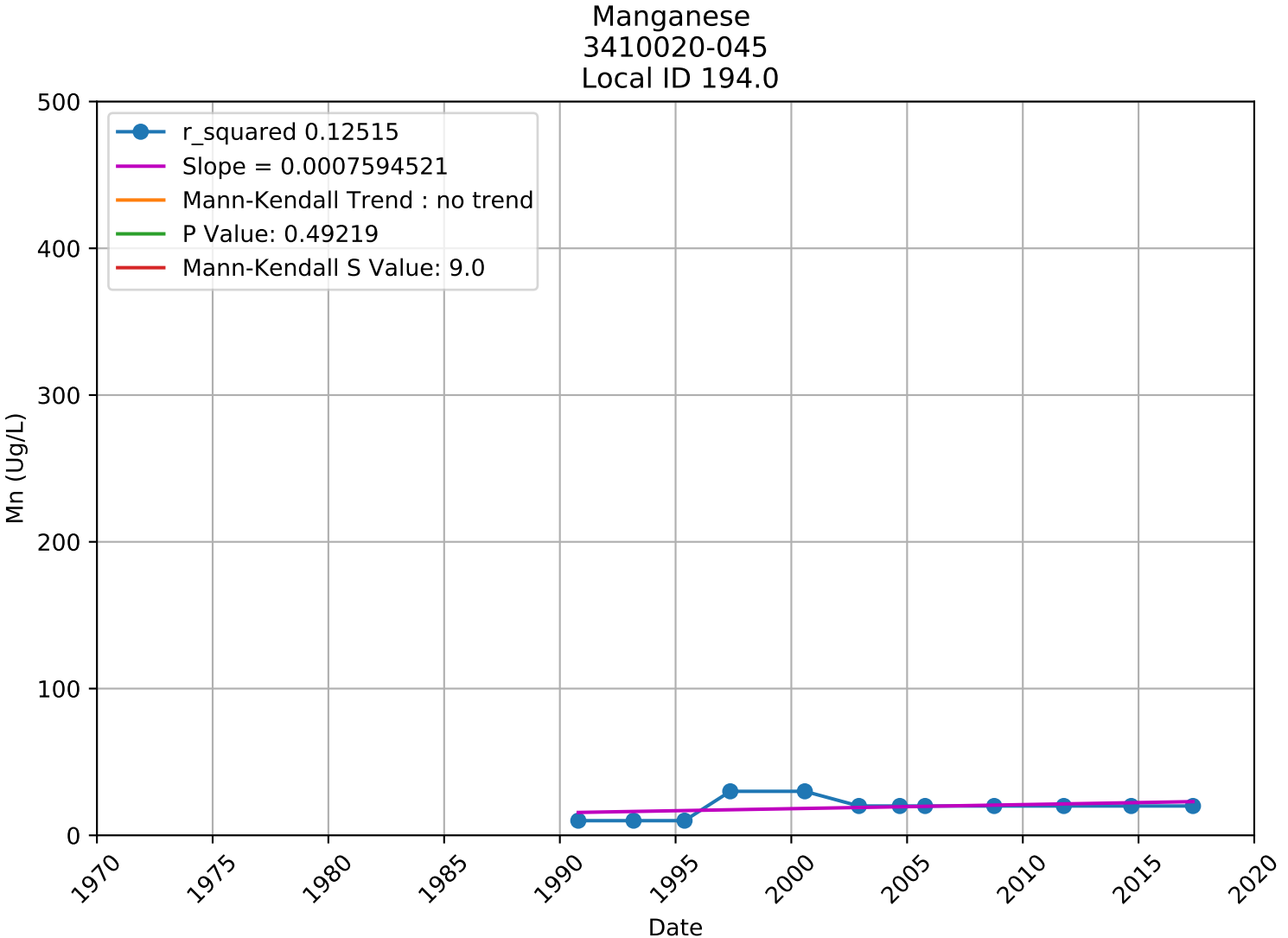

Manganese
3410020-039
Local ID 50.0
r_squared 0.33830
Slope = 0.0035149860
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
Mn (Ug/L)
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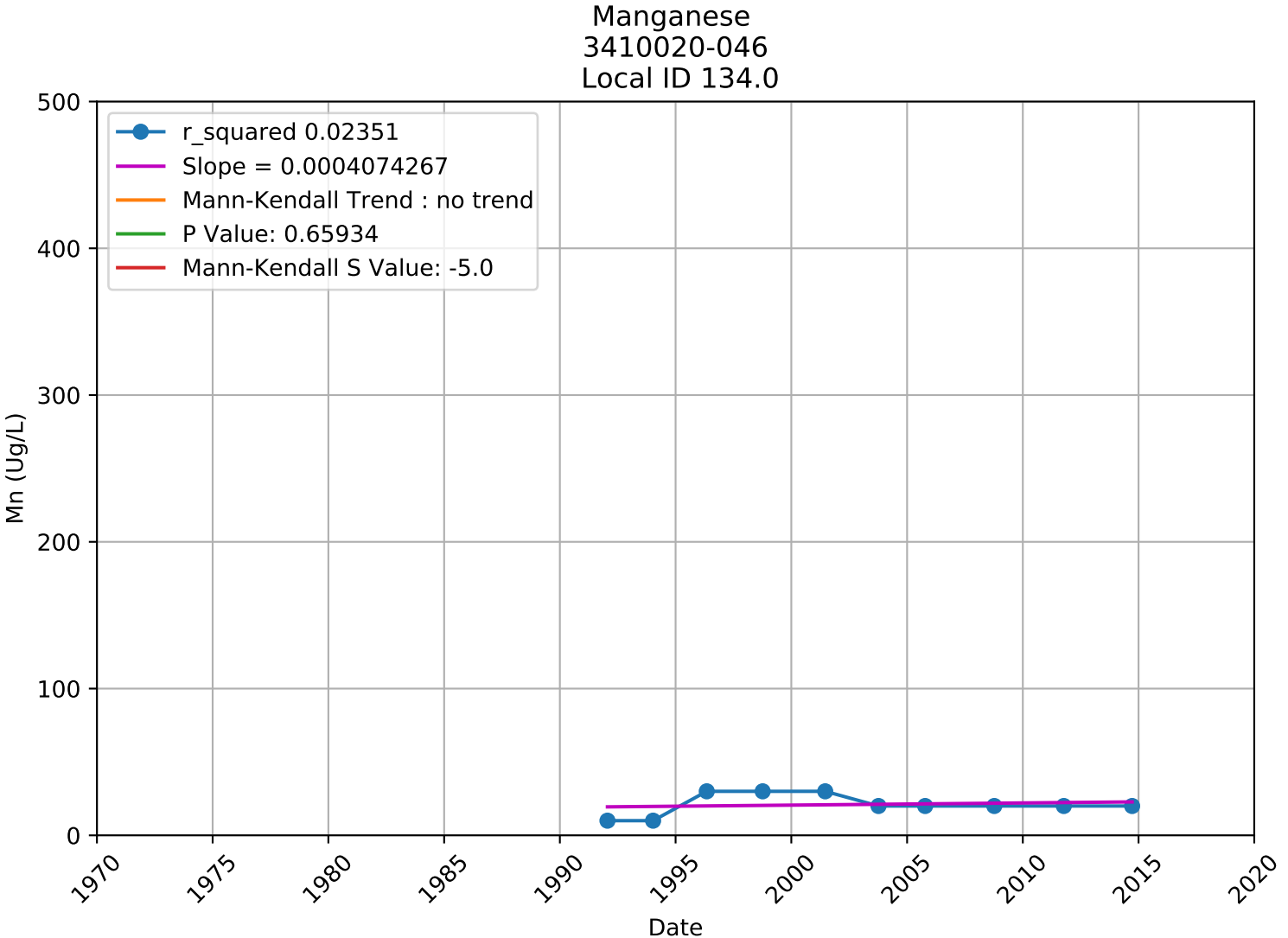

Manganese
3410020-040
Local ID 56.0
r_squared 0.12170
Slope = 0.0007473660
Mann-Kendall Trend : no trend
P Value: 0.49219
Mann-Kendall S Value: 9.0
Mn (Ug/L)
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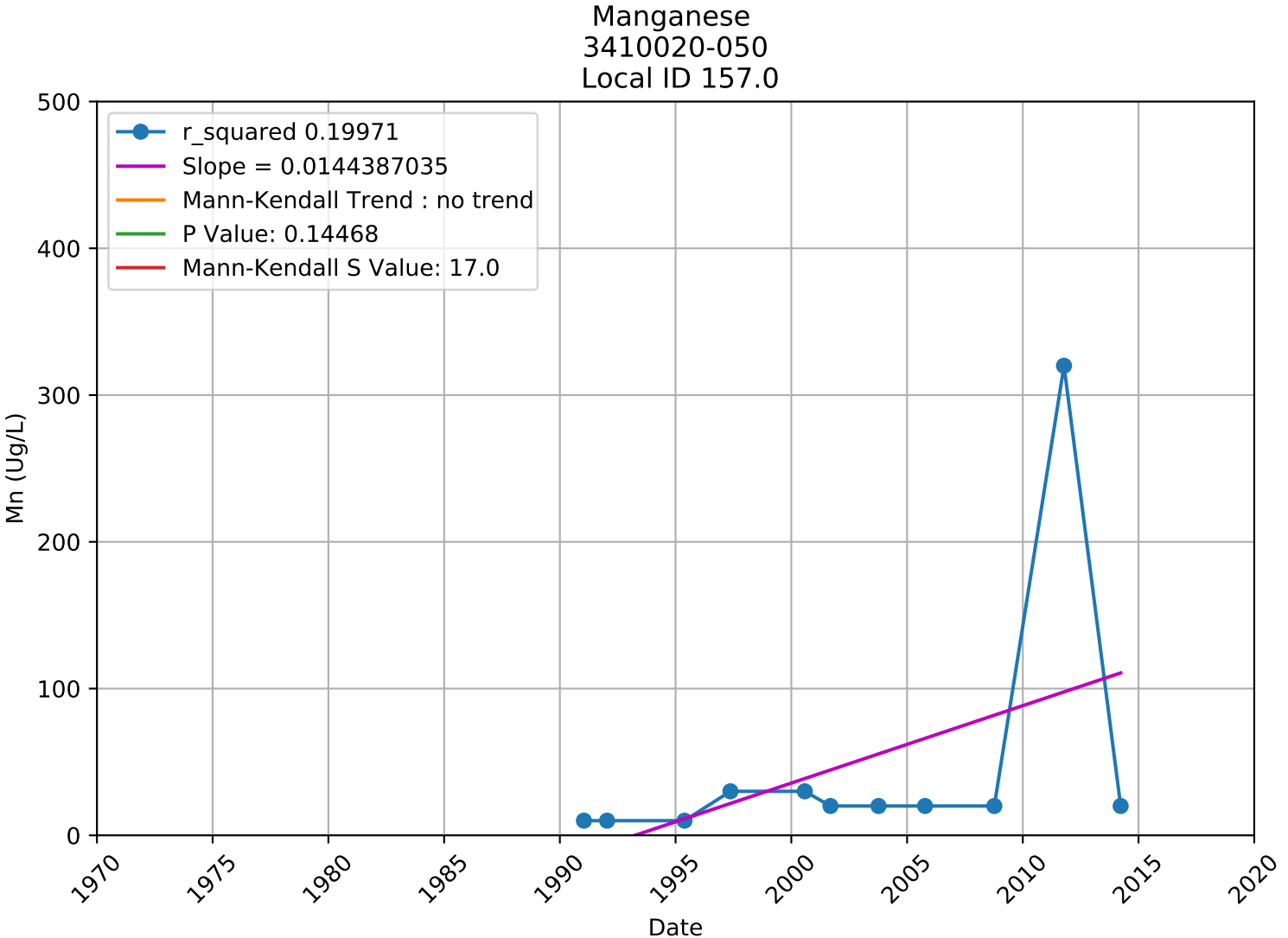

Manganese
3410020-041
Local ID 278.0
r_squared 0.06144
Slope = 0.0005185440
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
Mn (Ug/L)
Date
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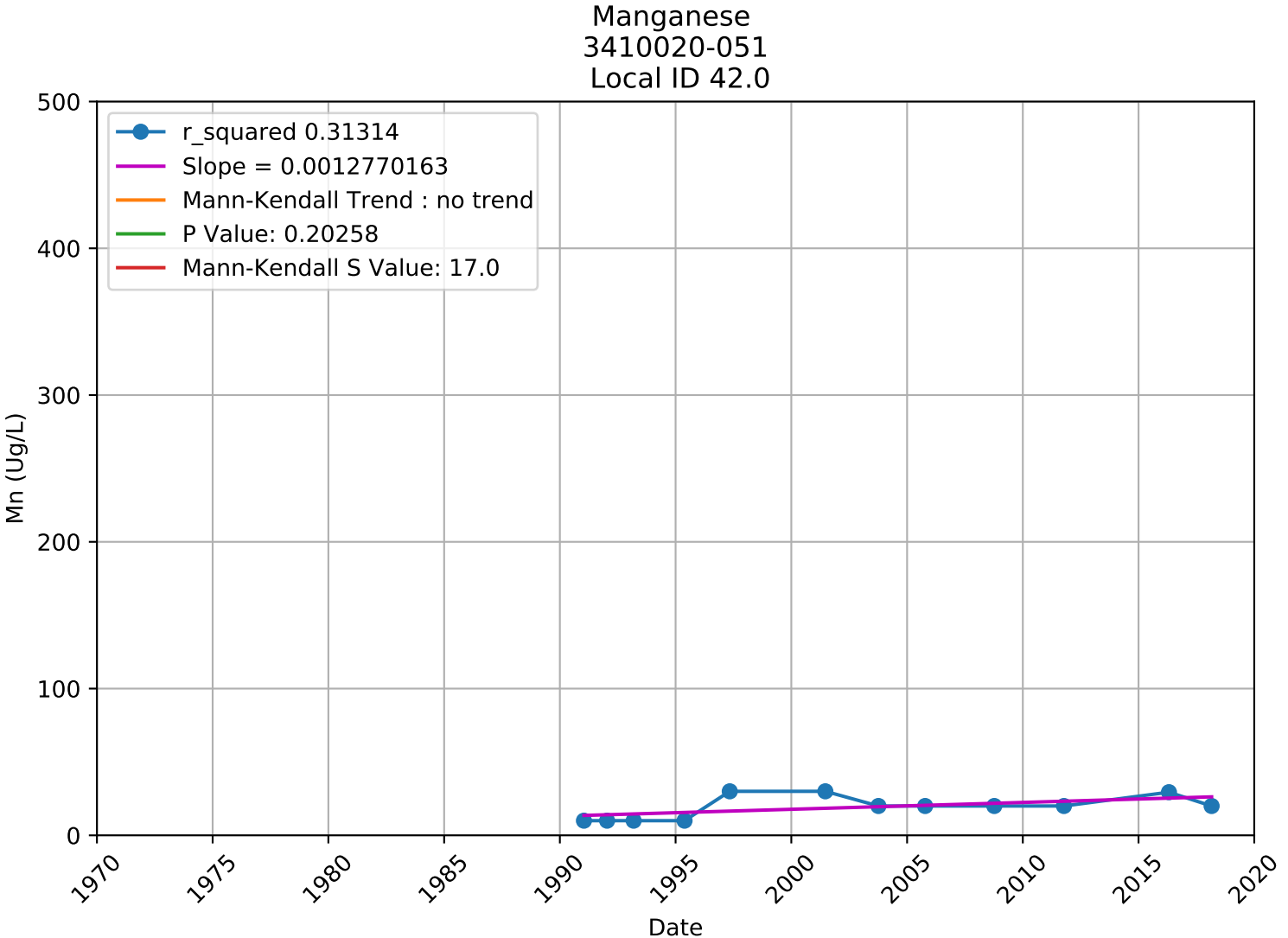

Manganese
3410020-042
Local ID 22.0
r_squared 0.00115
Slope = 0.0000750329
Mann-Kendall Trend : no trend
P Value: 0.65934
Mann-Kendall S Value: -5.0
Mn (Ug/L)
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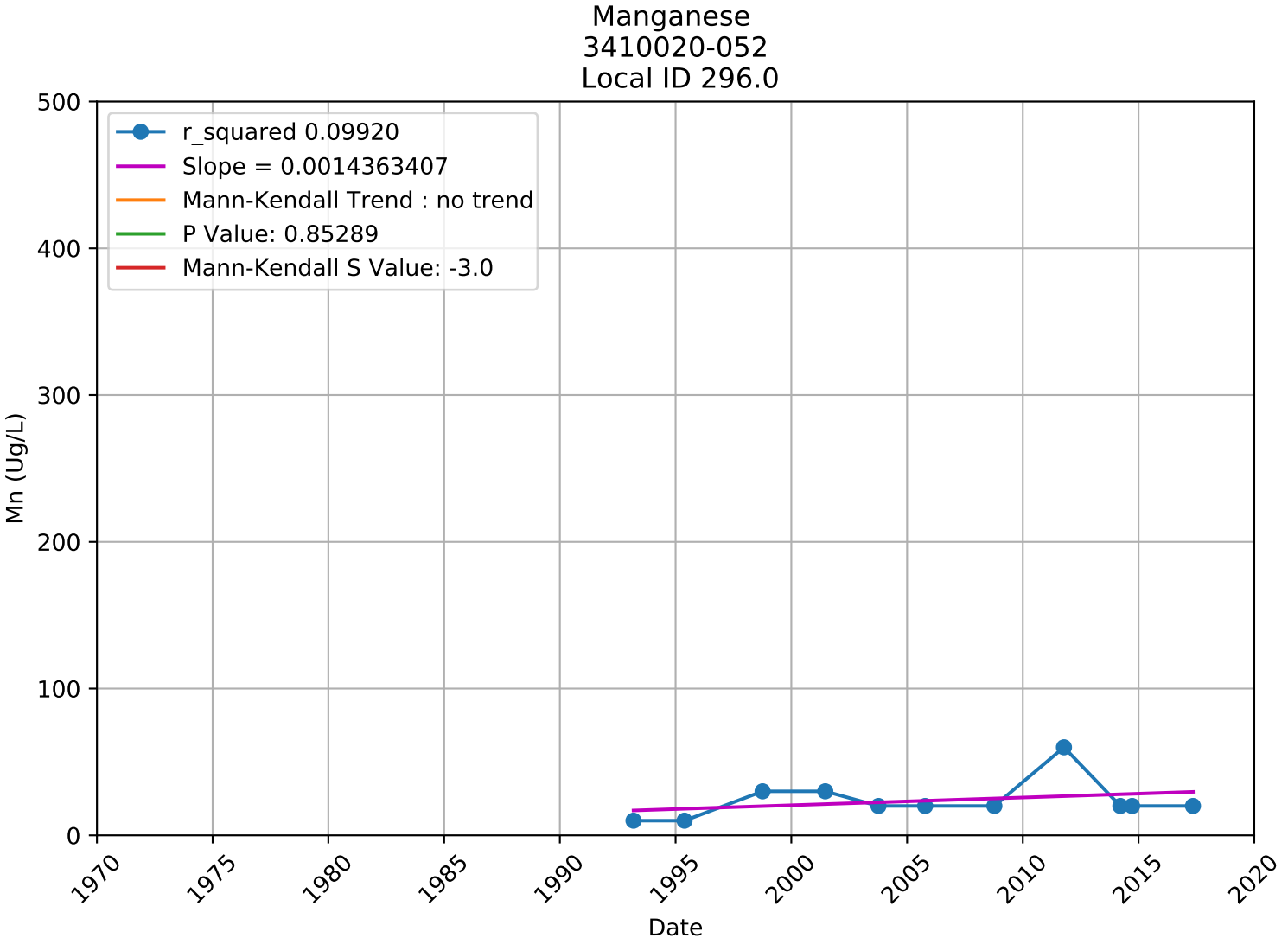

Manganese
3410020-044
Local ID 294.0
r_squared 0.18106
Slope = 0.0012486671
Mann-Kendall Trend : no trend
P Value: 0.52091
Mann-Kendall S Value: 6.0
Mn (Ug/L)
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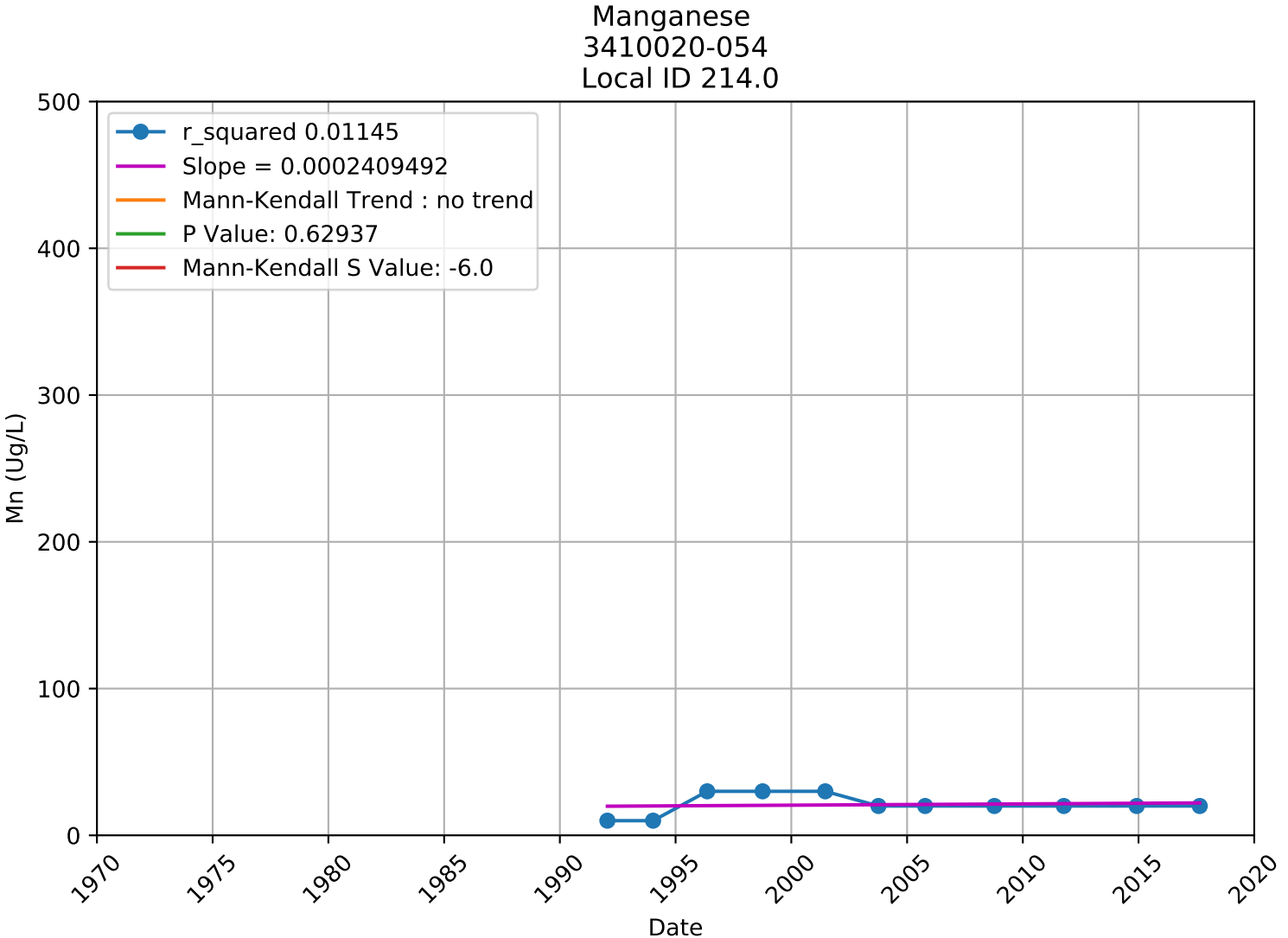

Manganese
3410020-045
Local ID 194.0
r_squared 0.12515
Slope = 0.0007594521
Mann-Kendall Trend : no trend
P Value: 0.49219
Mann-Kendall S Value: 9.0
Mn (Ug/L)
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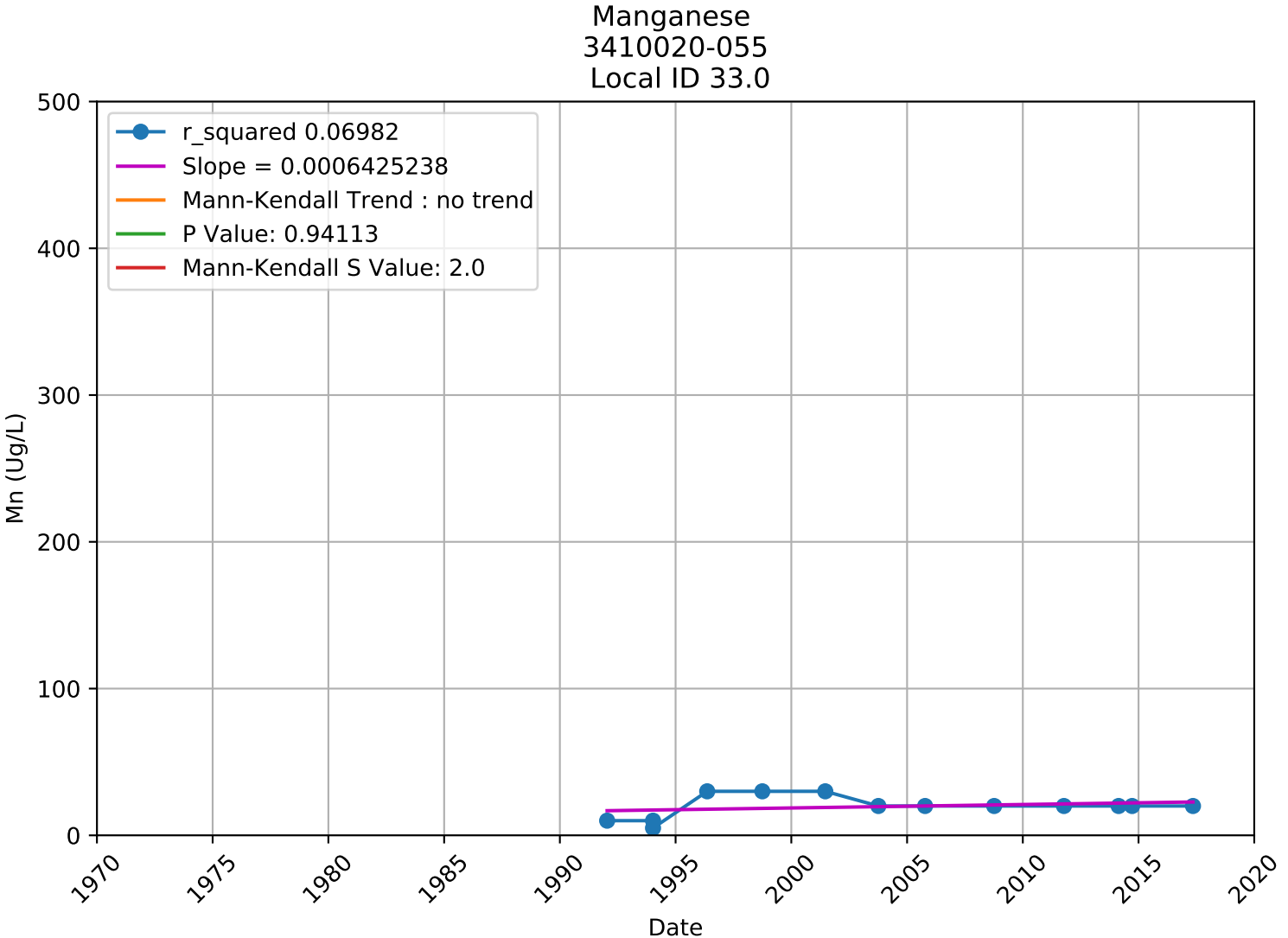

Manganese
3410020-046
Local ID 134.0
r_squared 0.02351
Slope = 0.0004074267
Mann-Kendall Trend : no trend
P Value: 0.65934
Mann-Kendall S Value: -5.0
Mn (Ug/L)
Date
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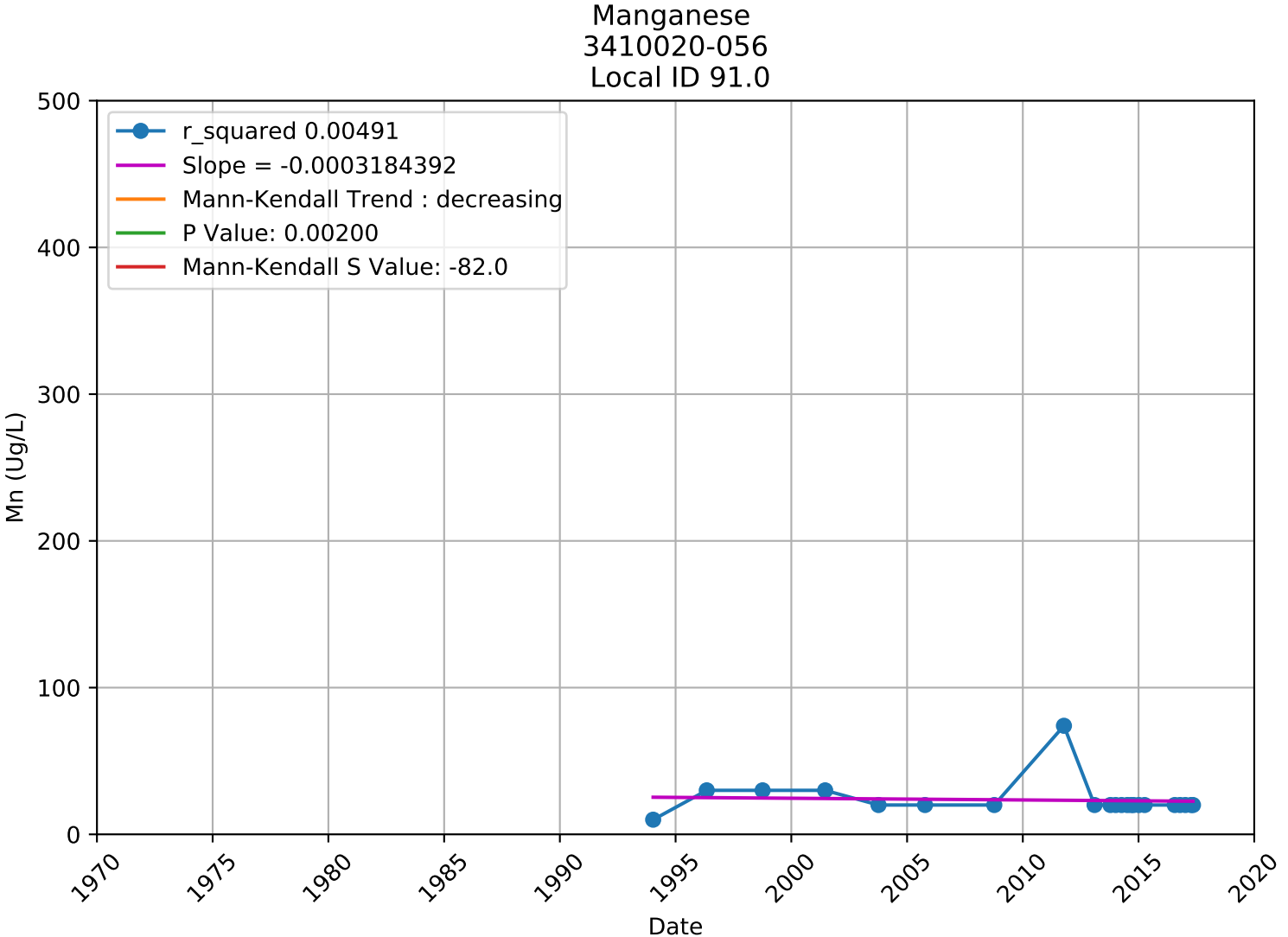

Manganese
3410020-050
Local ID 157.0
r_squared 0.19971
Slope = 0.0144387035
Mann-Kendall Trend : no trend
P Value: 0.14468
Mann-Kendall S Value: 17.0
Mn (Ug/L)
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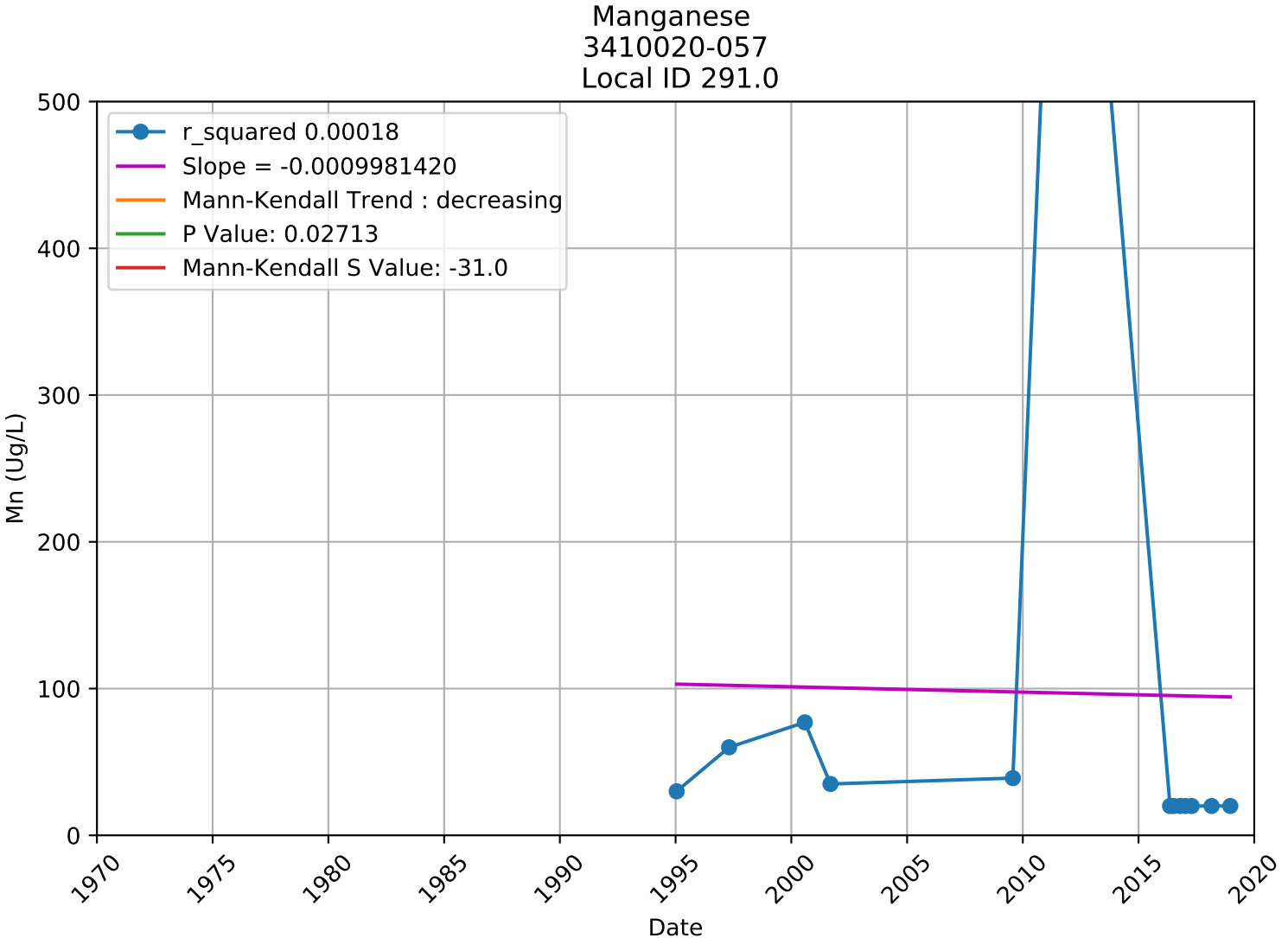

Manganese
3410020-051
Local ID 42.0
r_squared 0.31314
Slope = 0.0012770163
Mann-Kendall Trend : no trend
P Value: 0.20258
Mann-Kendall S Value: 17.0
Mn (Ug/L)
Date
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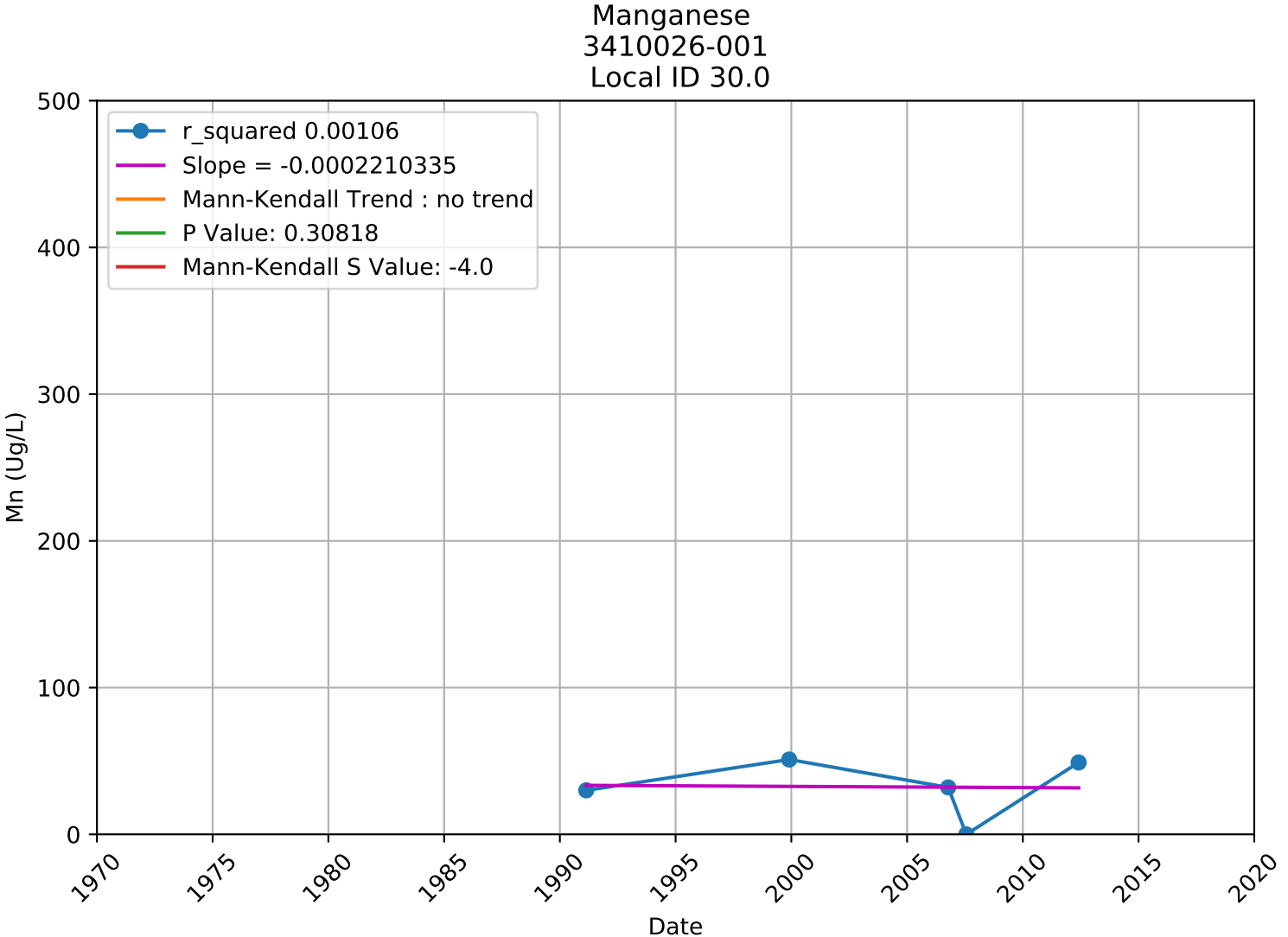

Manganese
3410020-052
Local ID 296.0
r_squared 0.09920
Slope = 0.0014363407
Mann-Kendall Trend : no trend
P Value: 0.85289
Mann-Kendall S Value: -3.0
Mn (Ug/L)
Date
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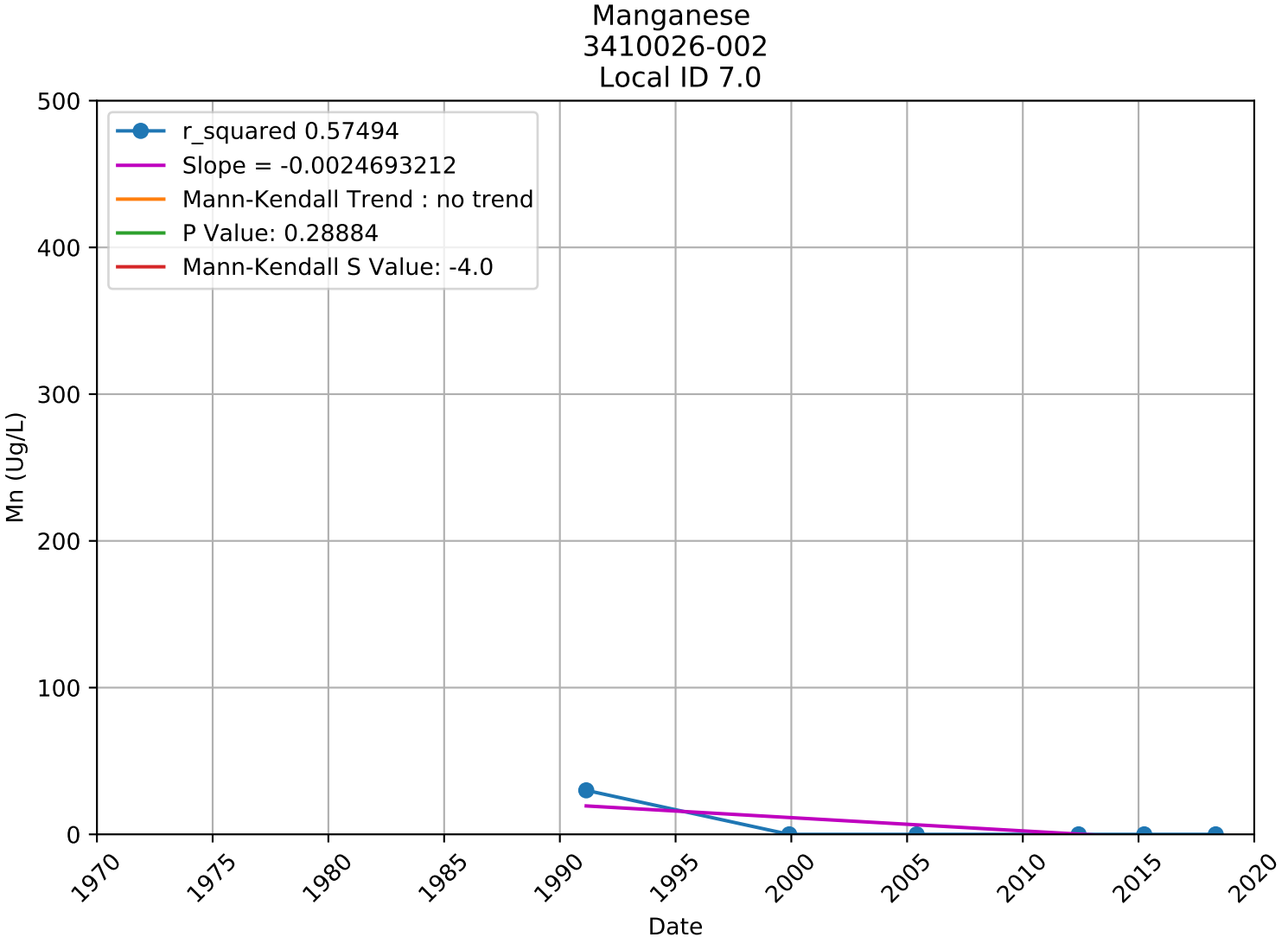

Manganese
3410020-054
Local ID 214.0
r_squared 0.01145
Slope = 0.0002409492
Mann-Kendall Trend : no trend
P Value: 0.62937
Mann-Kendall S Value: -6.0
Mn (Ug/L)
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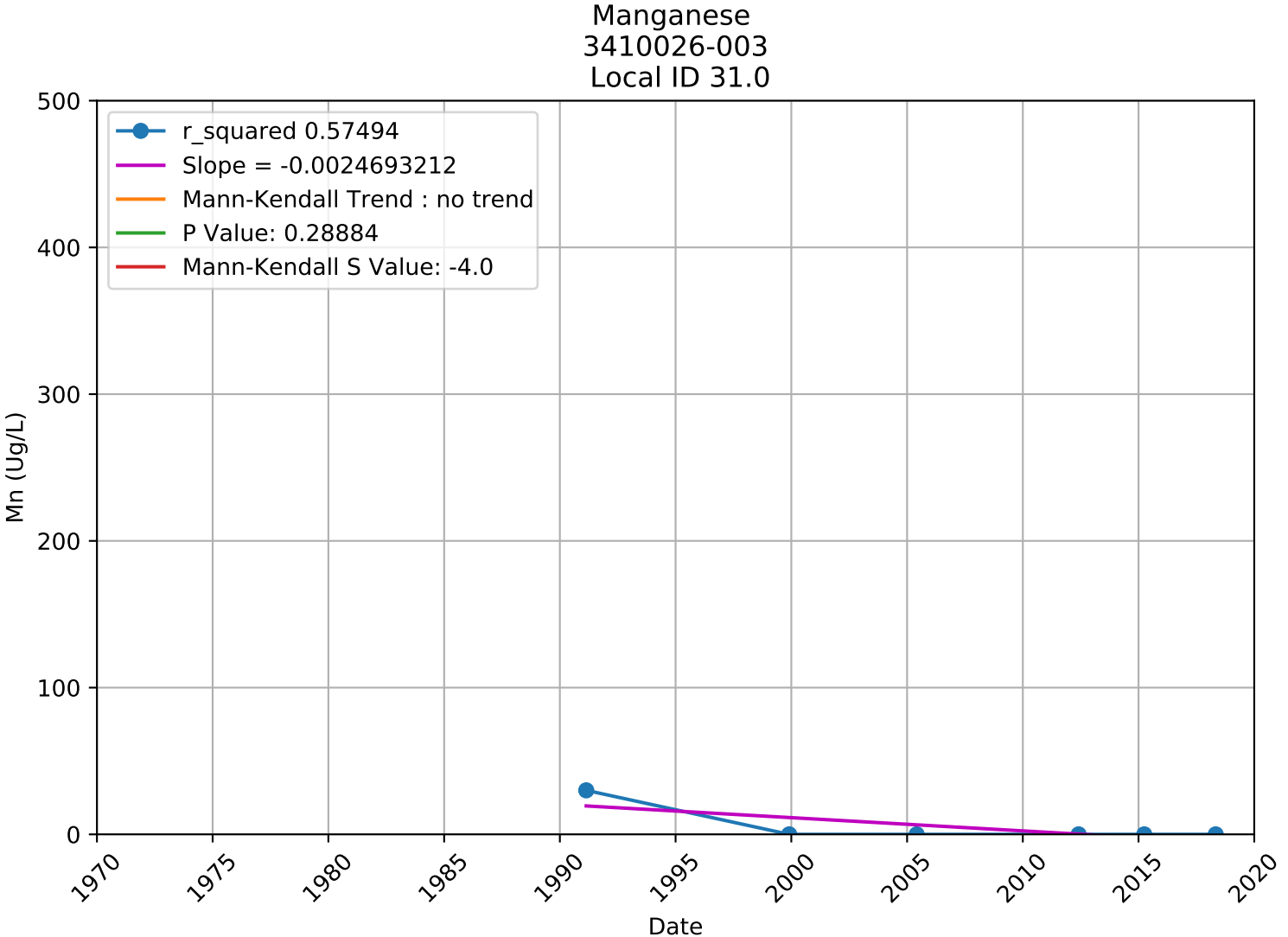

Manganese
3410020-055
Local ID 33.0
r_squared 0.06982
Slope = 0.0006425238
Mann-Kendall Trend : no trend
P Value: 0.94113
Mann-Kendall S Value: 2.0
Mn (Ug/L)
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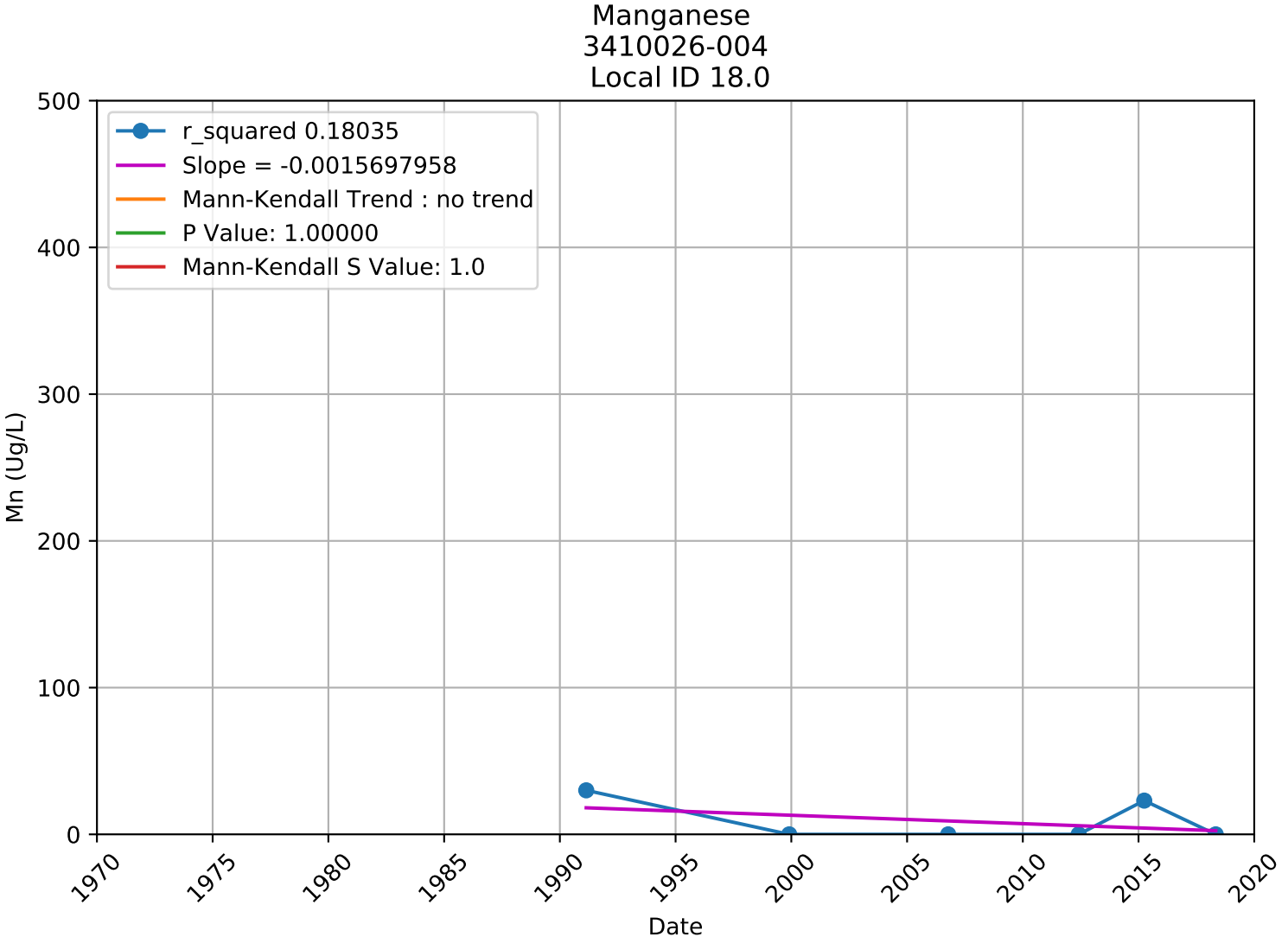

Manganese
3410020-056
Local ID 91.0
r_squared 0.00491
Slope = -0.0003184392
Mann-Kendall Trend : decreasing
P Value: 0.00200
Mann-Kendall S Value: -82.0
Mn (Ug/L)
Date
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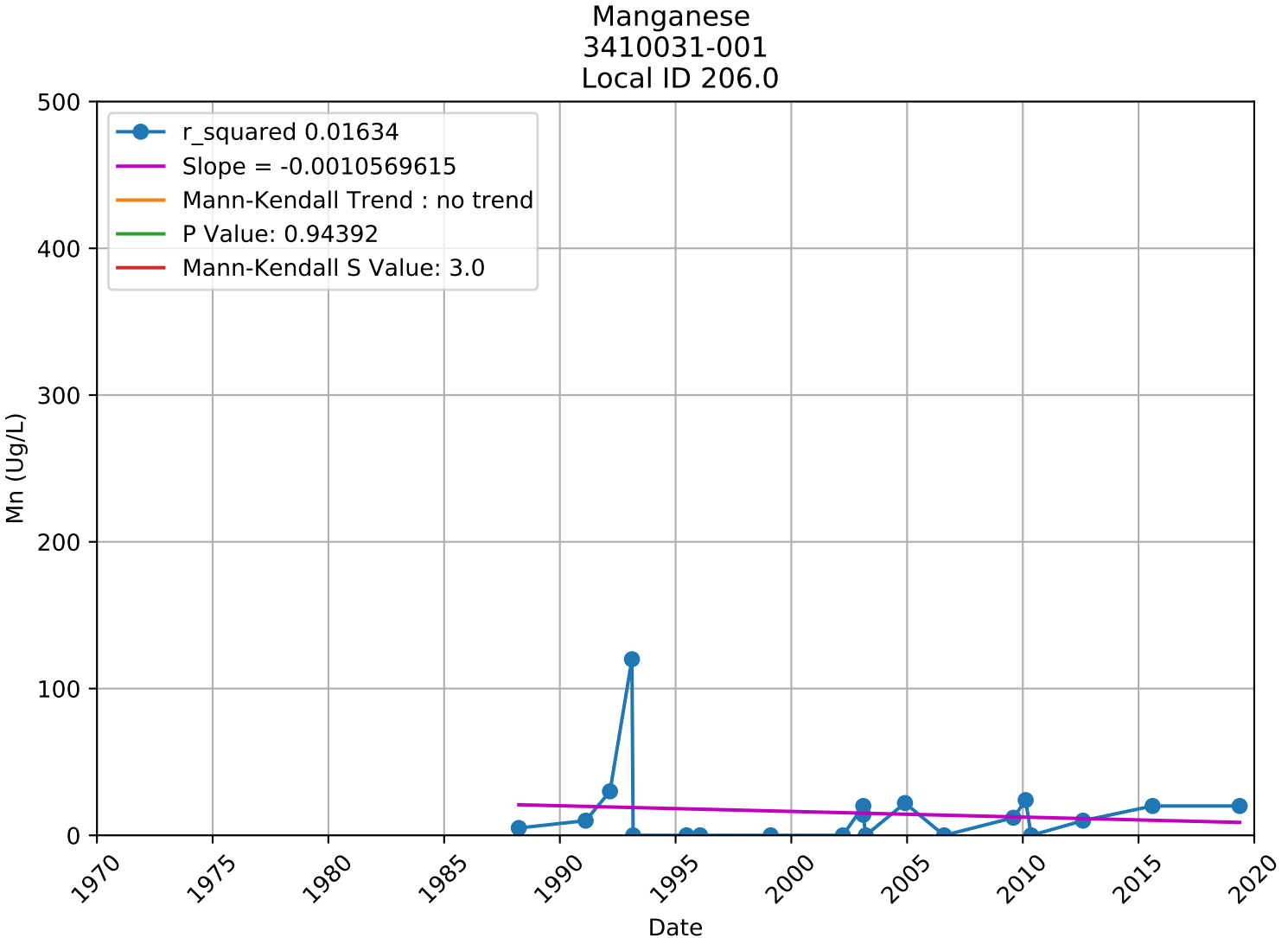

Manganese
3410020-057
Local ID 291.0
r_squared 0.00018
Slope = -0.0009981420
Mann-Kendall Trend : decreasing
P Value: 0.02713
Mann-Kendall S Value: -31.0
Mn (Ug/L)
Date
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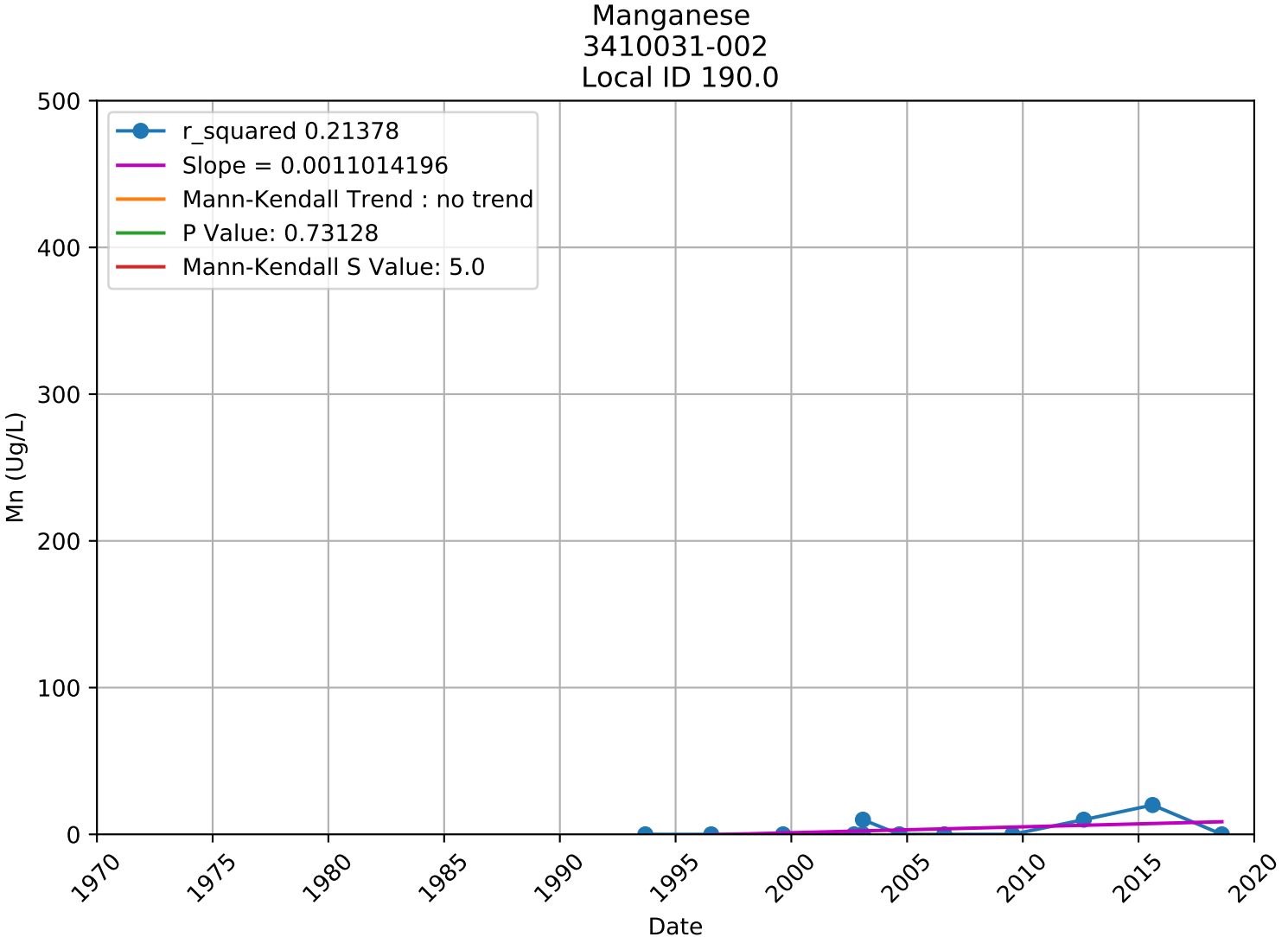

Manganese
3410026-001
Local ID 30.0
r_squared 0.00106
Slope = -0.0002210335
Mann-Kendall Trend : no trend
P Value: 0.30818
Mann-Kendall S Value: -4.0
Mn (Ug/L)
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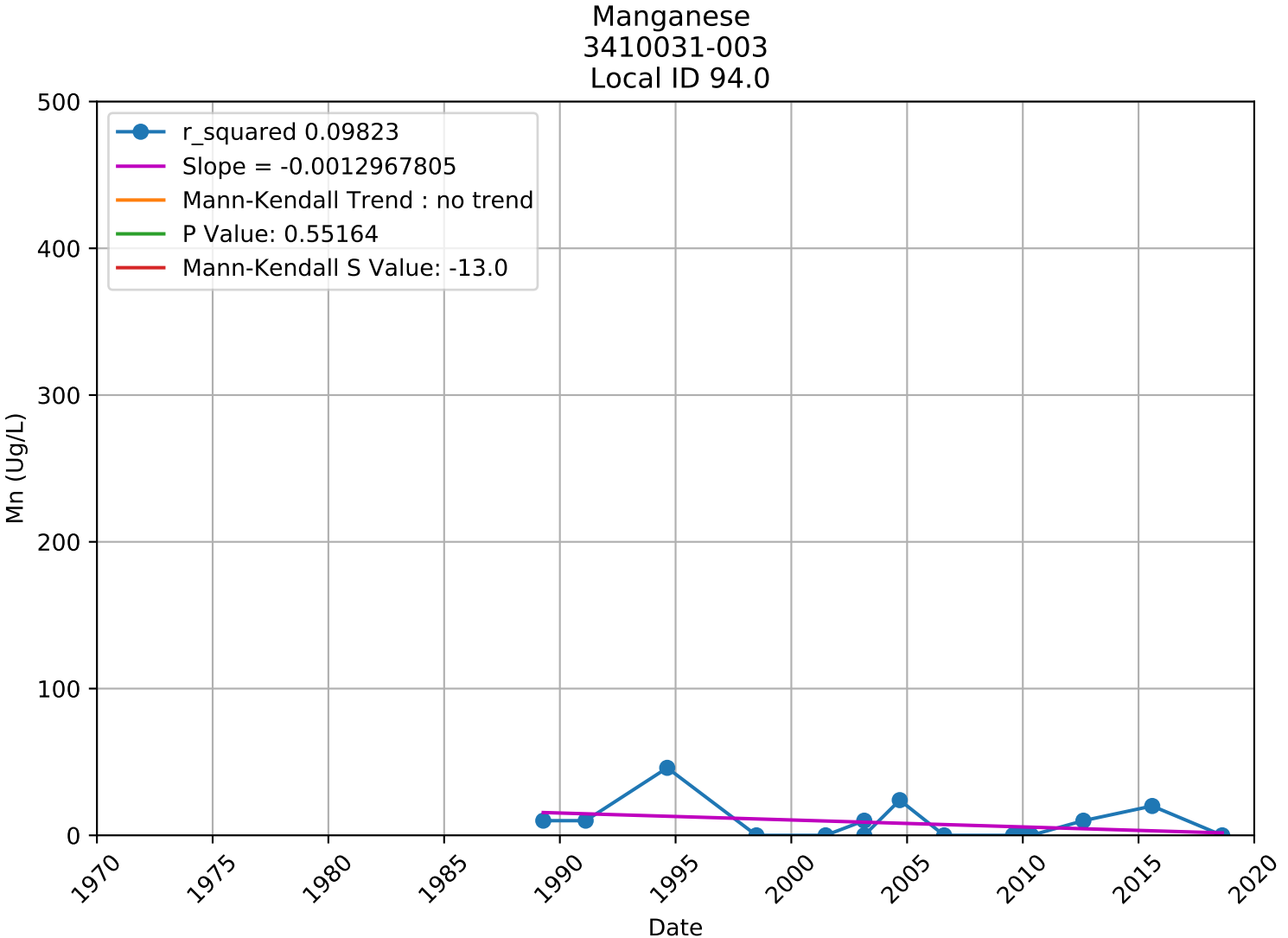

Manganese
3410026-002
Local ID 7.0
r_squared 0.57494
Slope = -0.0024693212
Mann-Kendall Trend : no trend
P Value: 0.28884
Mann-Kendall S Value: -4.0
Mn (Ug/L)
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Date

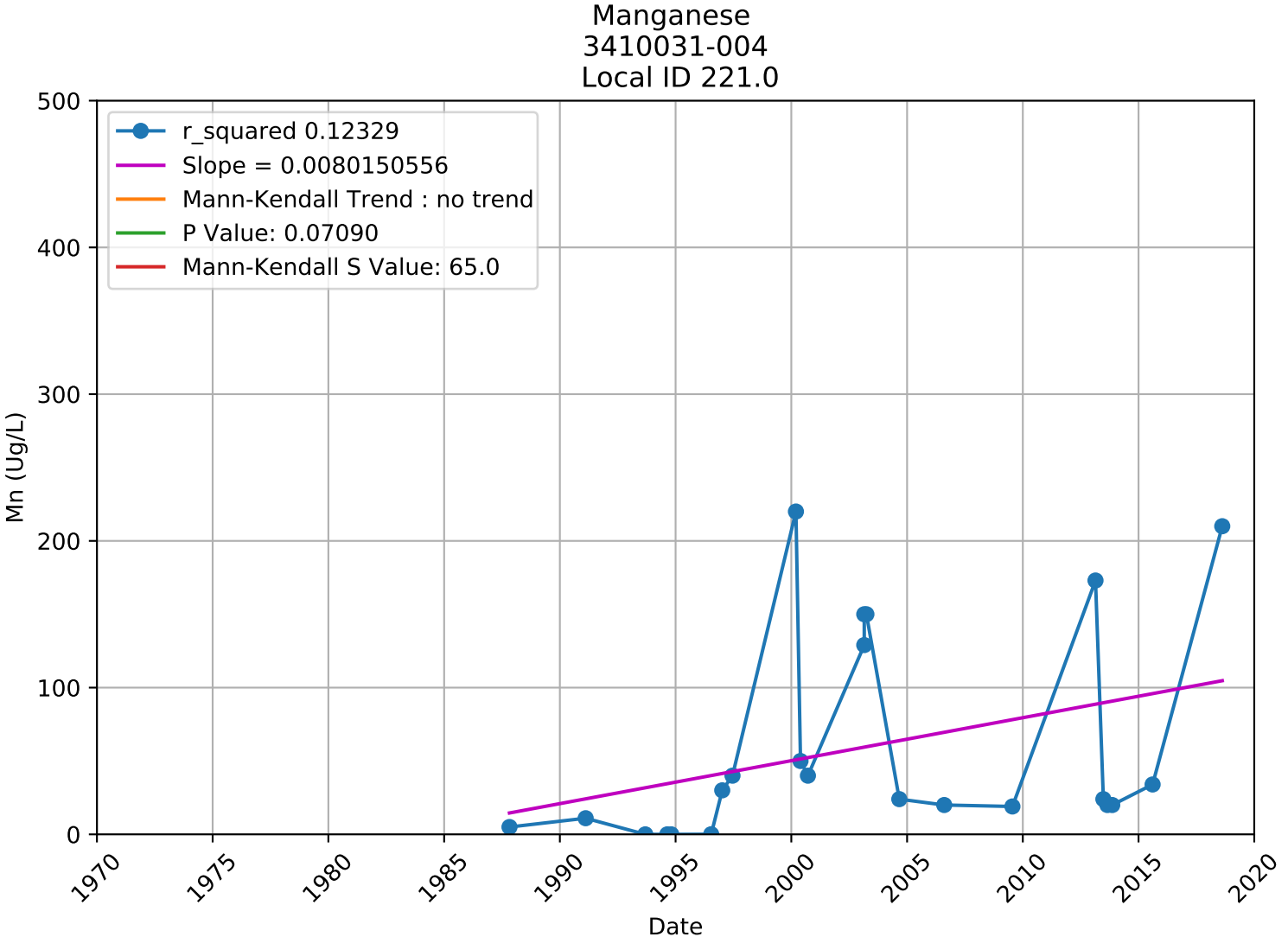

Manganese
3410026-003
Local ID 31.0
r_squared 0.57494
Slope = -0.0024693212
Mann-Kendall Trend : no trend
P Value: 0.28884
Mann-Kendall S Value: -4.0
Mn (Ug/L)
Date
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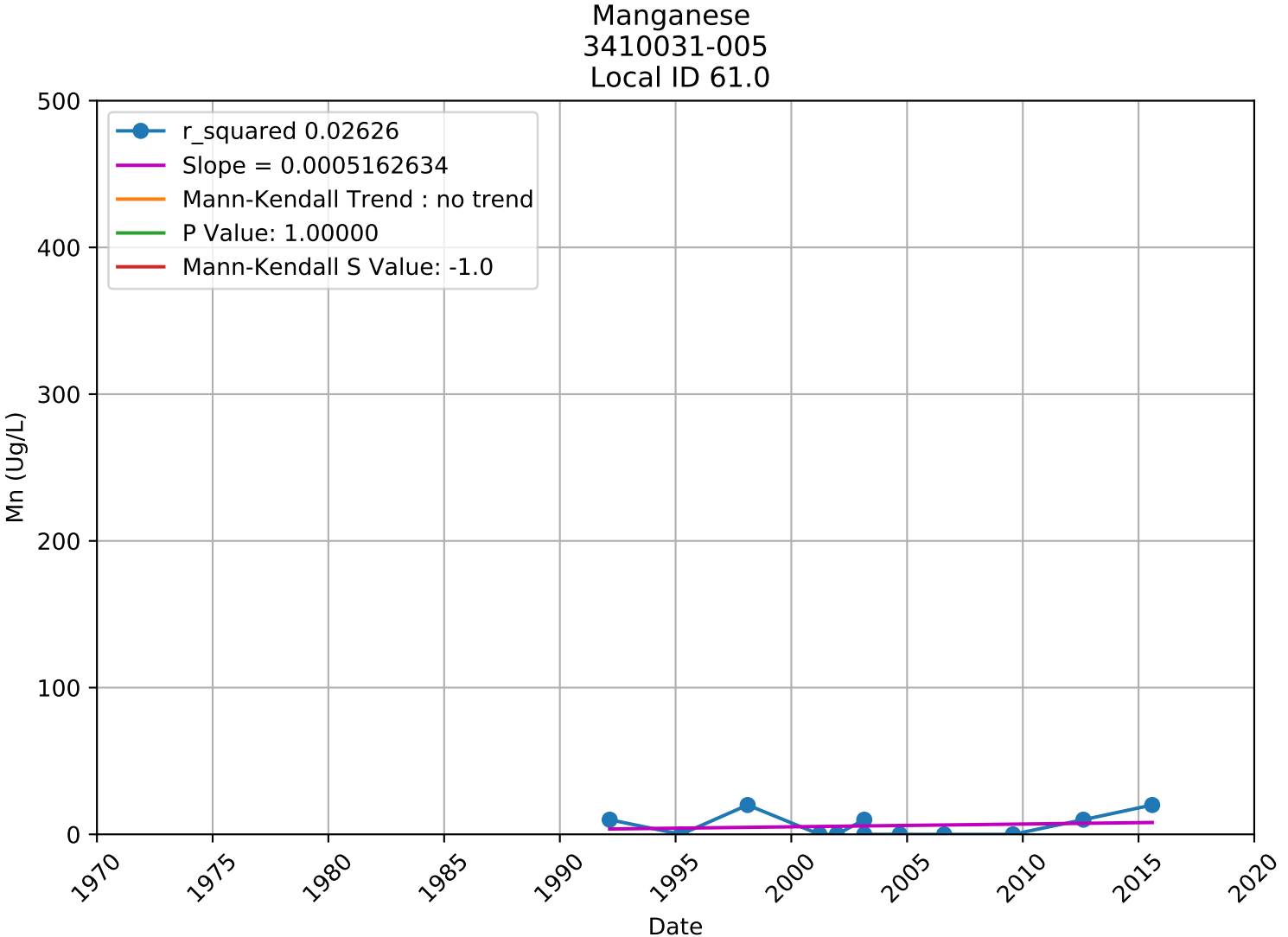

Manganese
3410026-004
Local ID 18.0
r_squared 0.18035
Slope = -0.0015697958
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
Mn (Ug/L)
Date
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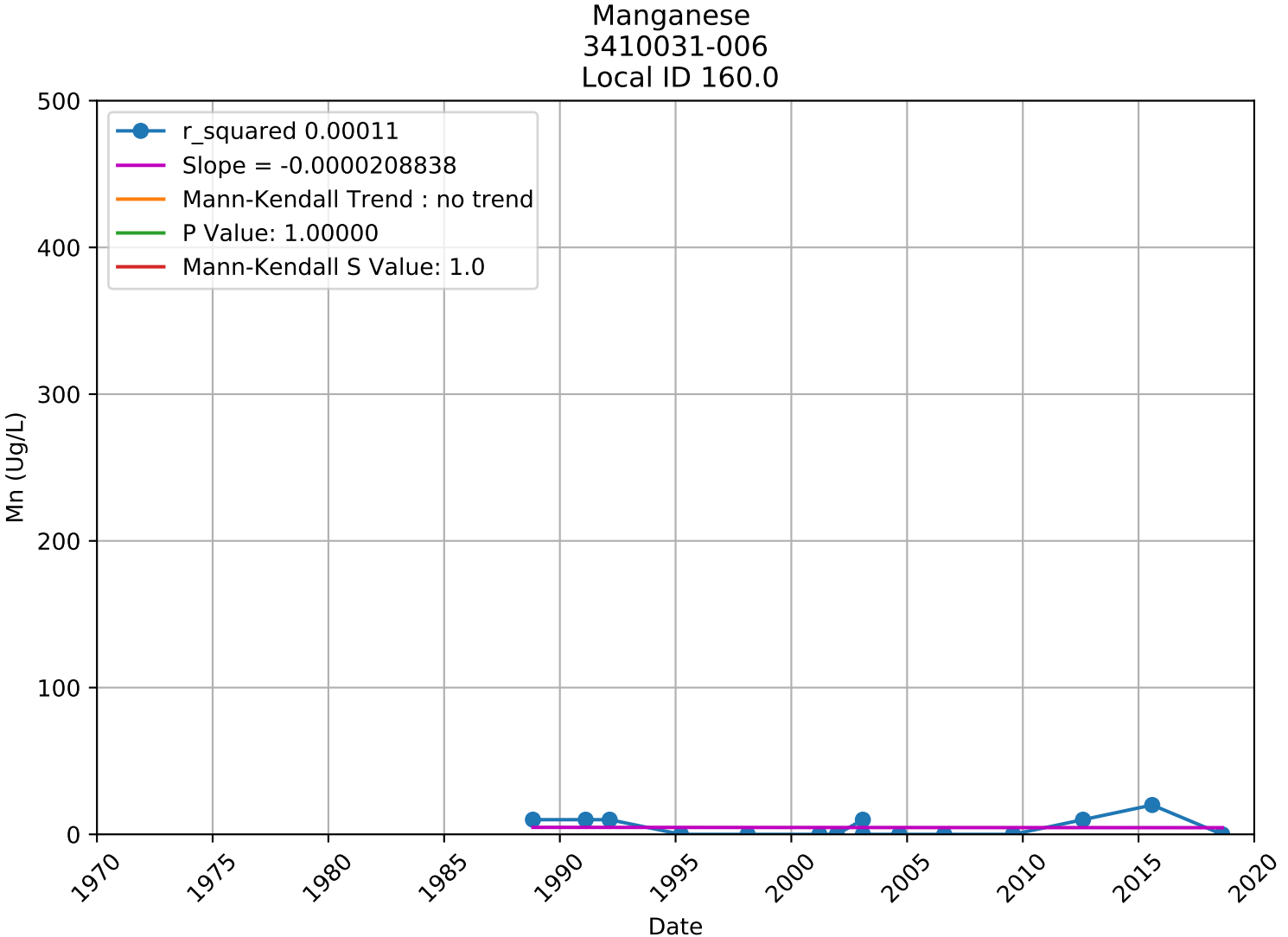

Manganese
3410031-001
Local ID 206.0
r_squared 0.01634
Slope = -0.0010569615
Mann-Kendall Trend : no trend
P Value: 0.94392
Mann-Kendall S Value: 3.0
Mn (Ug/L)
Date
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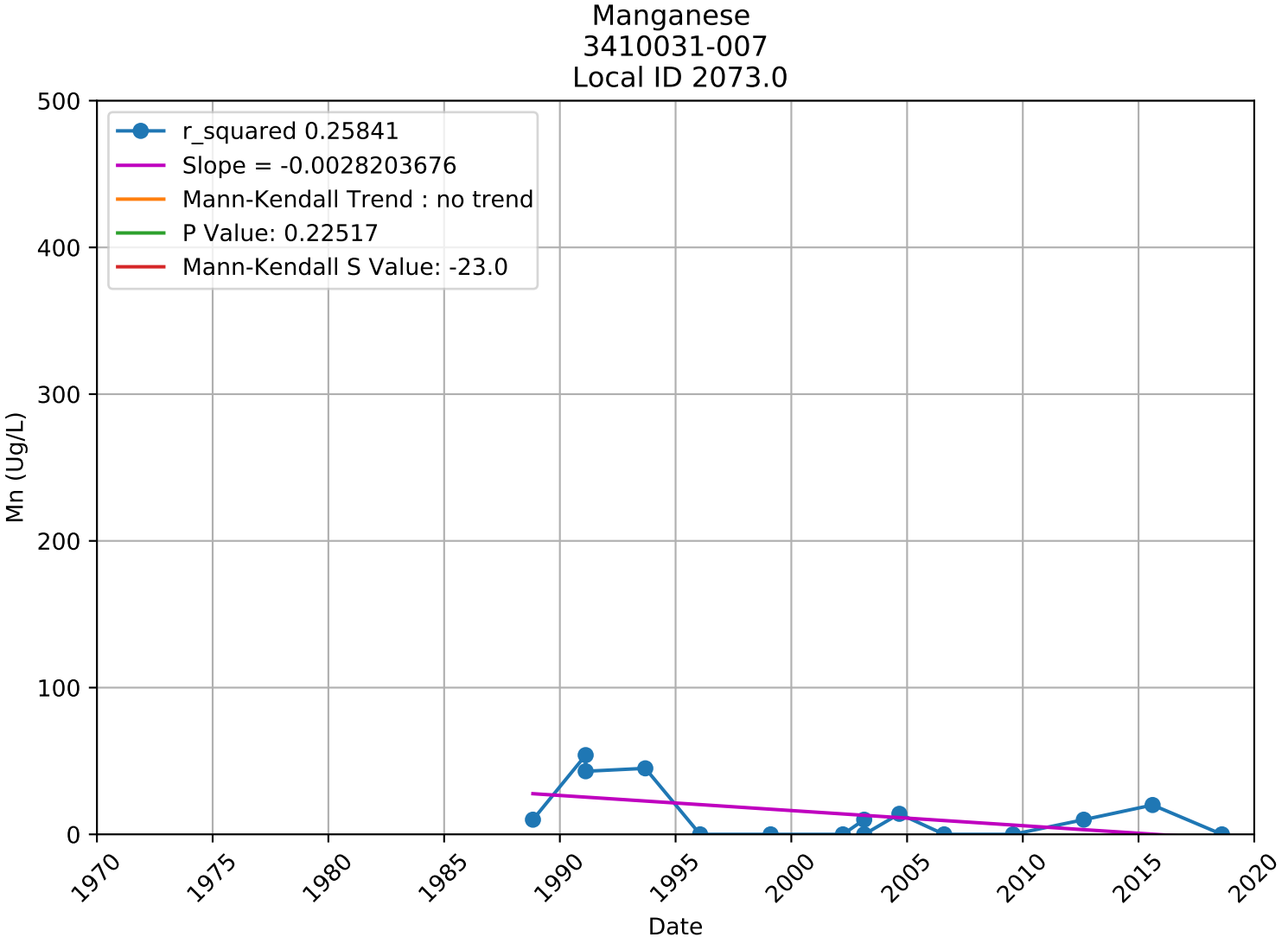

Manganese
3410031-002
Local ID 190.0
r_squared 0.21378
Slope = 0.0011014196
Mann-Kendall Trend : no trend
P Value: 0.73128
Mann-Kendall S Value: 5.0
Mn (Ug/L)
Date
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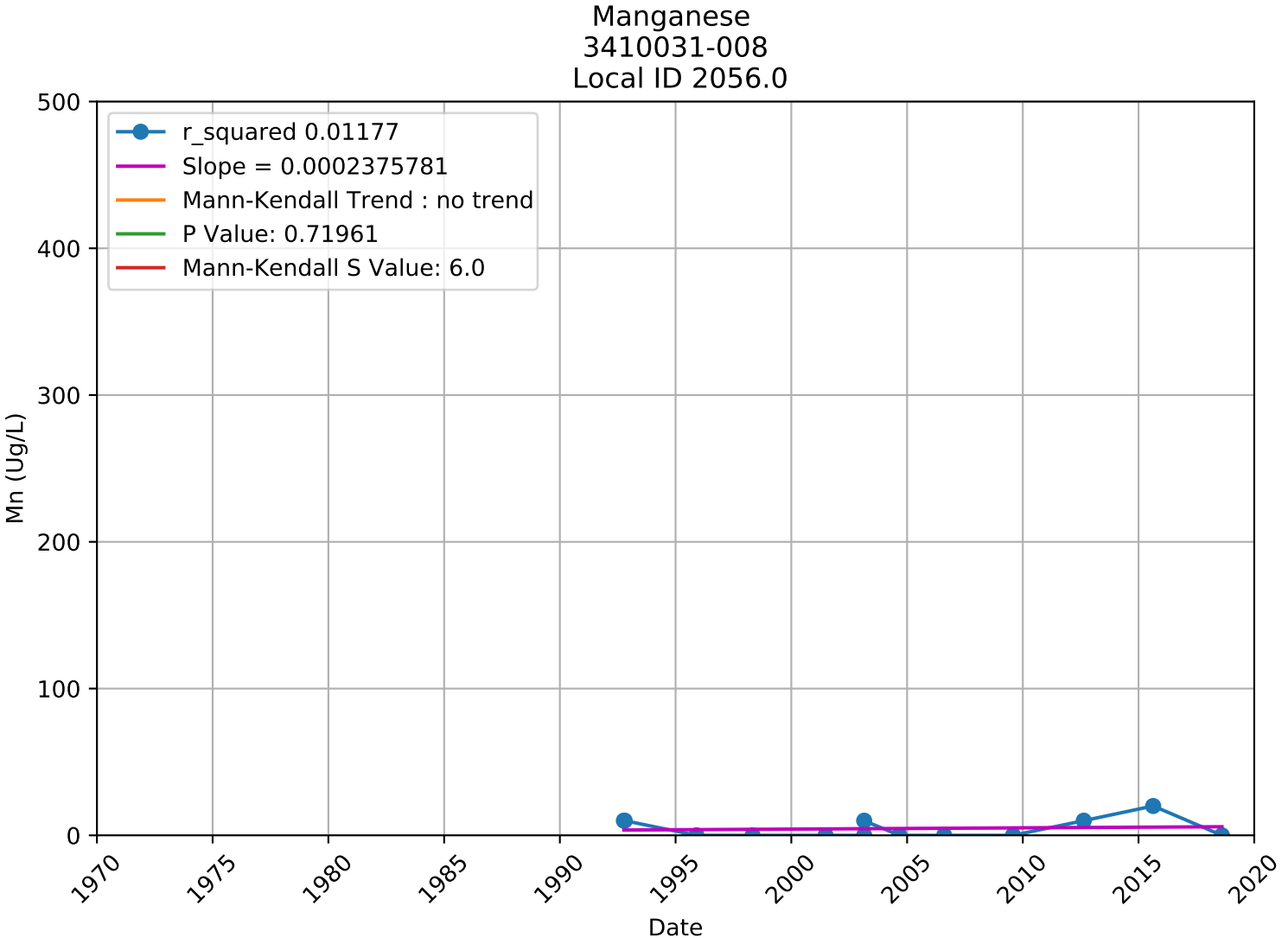

Manganese
3410031-003
Local ID 94.0
r_squared 0.09823
Slope = -0.0012967805
Mann-Kendall Trend : no trend
P Value: 0.55164
Mann-Kendall S Value: -13.0
Mn (Ug/L)
Date
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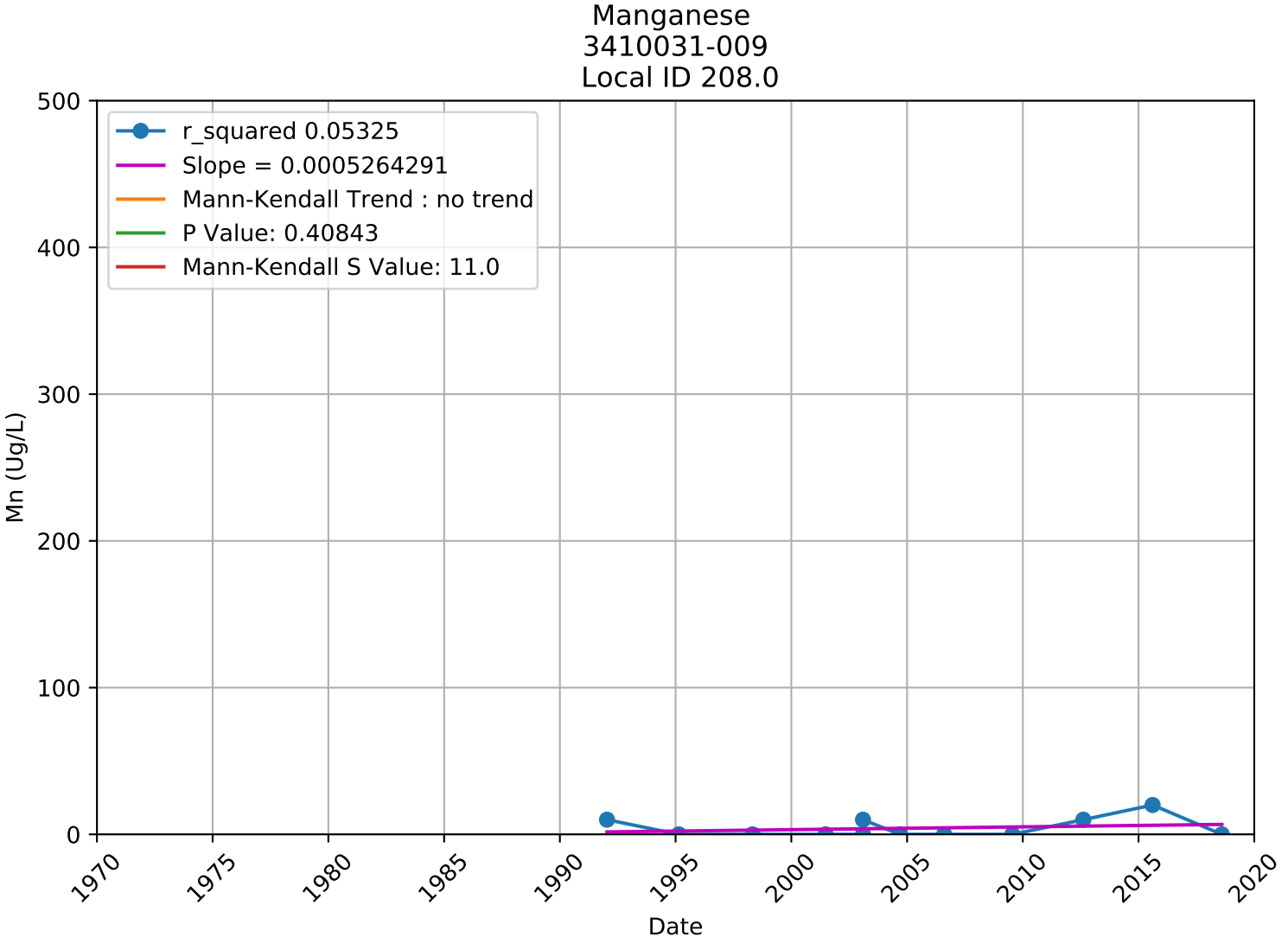

Manganese
3410031-004
Local ID 221.0
r_squared 0.12329
Slope = 0.0080150556
Mann-Kendall Trend : no trend
P Value: 0.07090
Mann-Kendall S Value: 65.0
Mn (Ug/L)
Date
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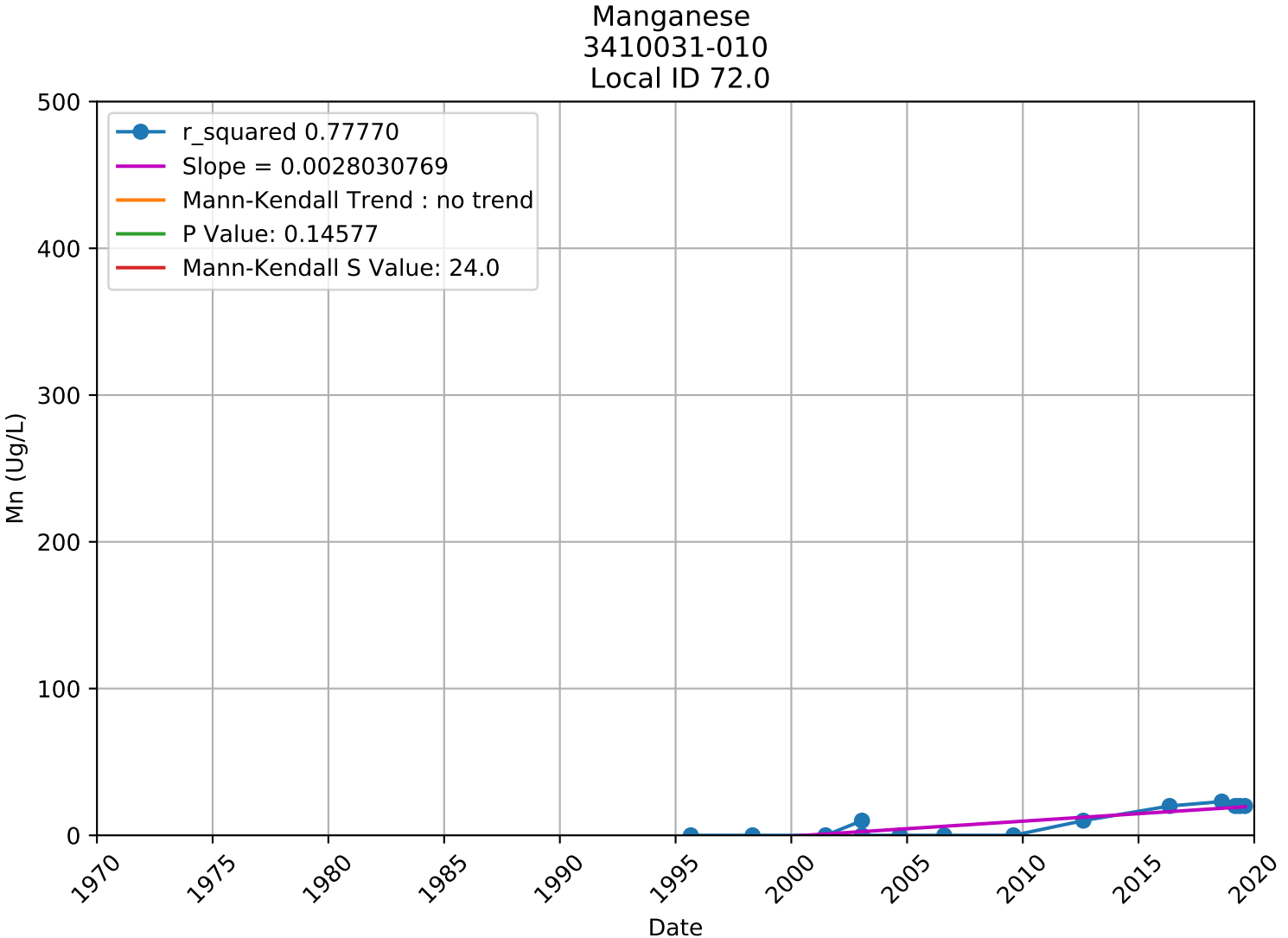

Manganese
3410031-005
Local ID 61.0
r_squared 0.02626
Slope = 0.0005162634
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
Mn (Ug/L)
Date
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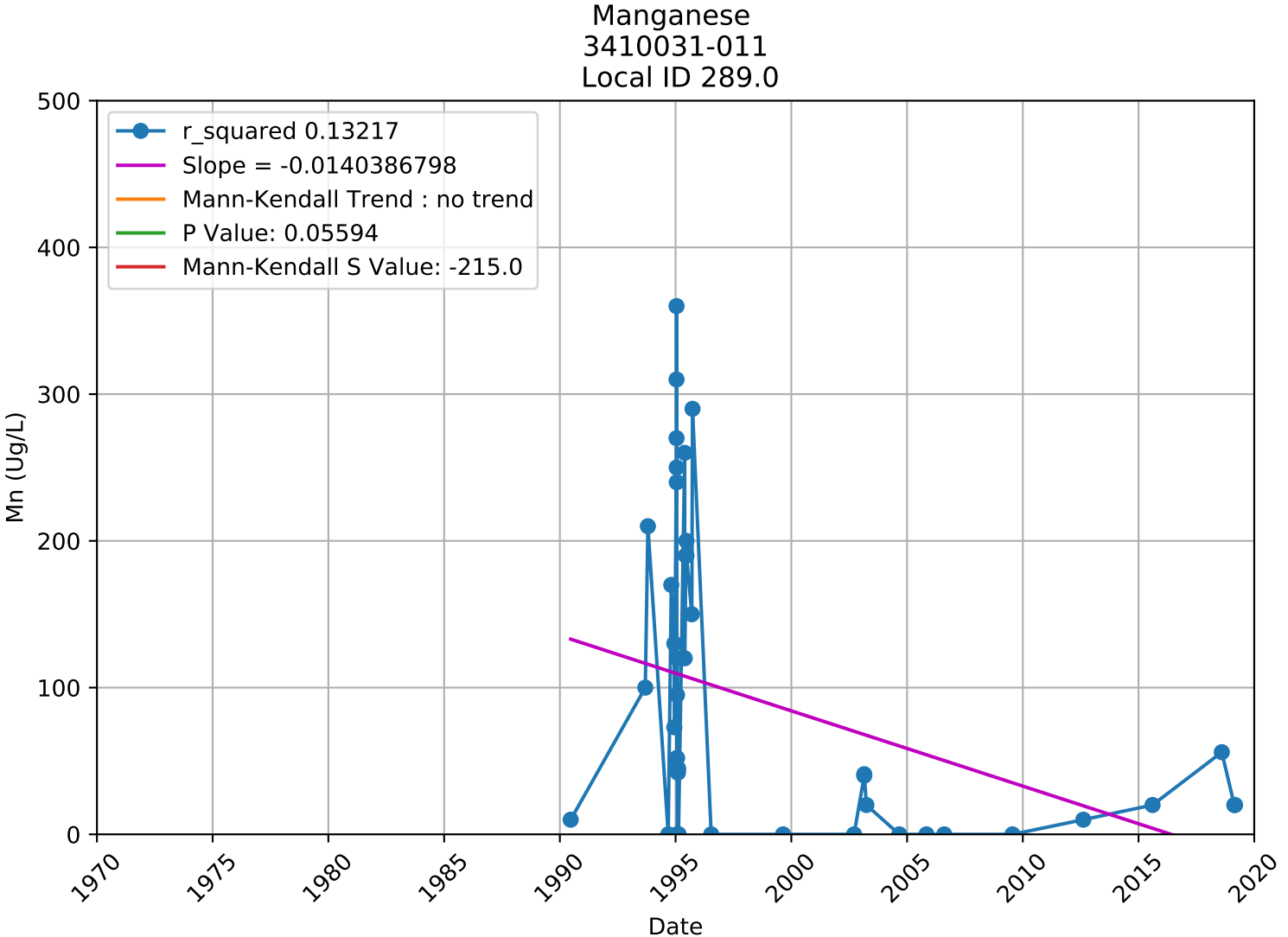

Manganese
3410031-006
Local ID 160.0
r_squared 0.00011
Slope = -0.0000208838
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
Mn (Ug/L)
Date
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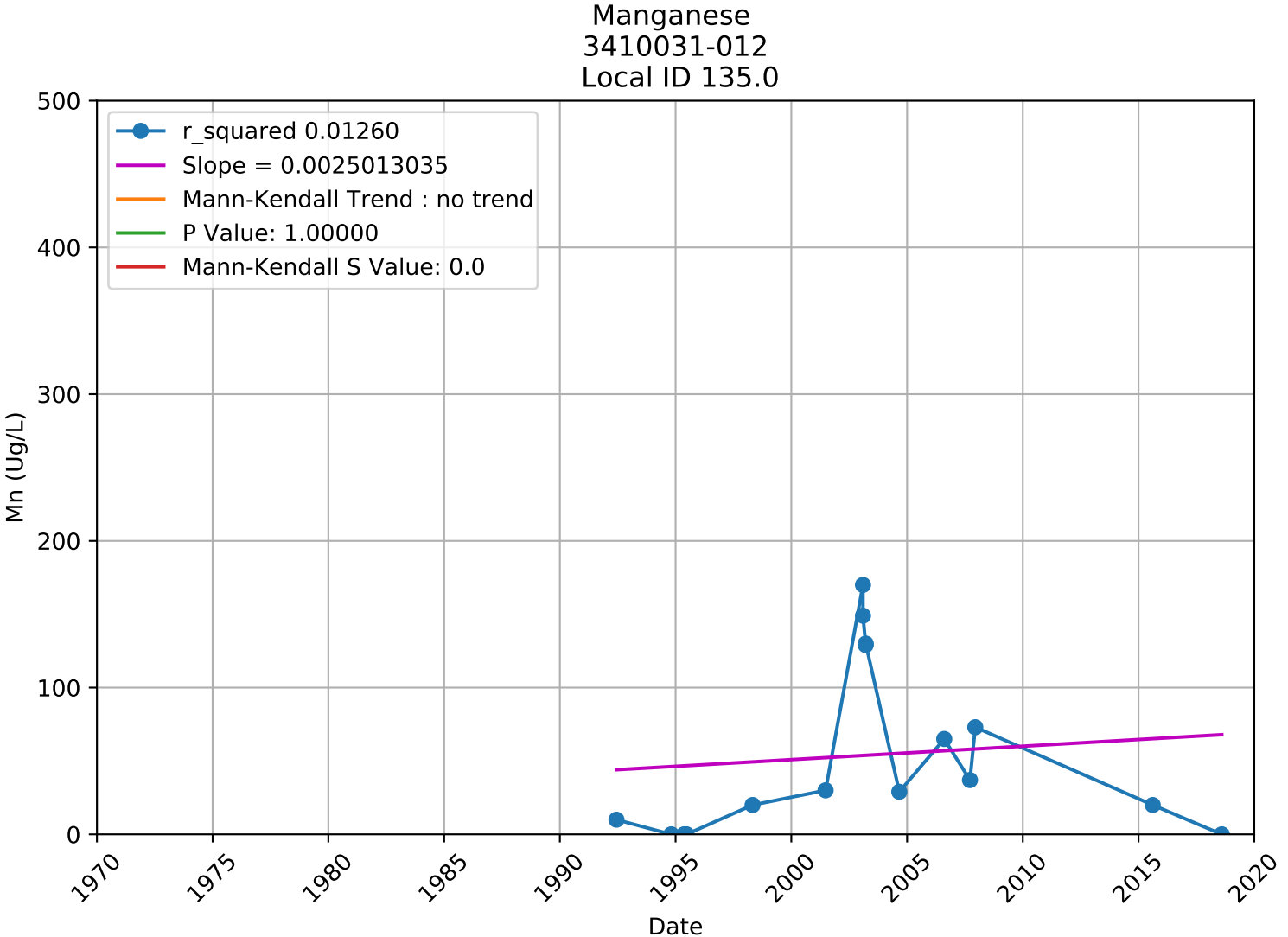

Manganese
3410031-007
Local ID 2073.0
r_squared 0.25841
Slope = -0.0028203676
Mann-Kendall Trend : no trend
P Value: 0.22517
Mann-Kendall S Value: -23.0
Mn (Ug/L)
Date
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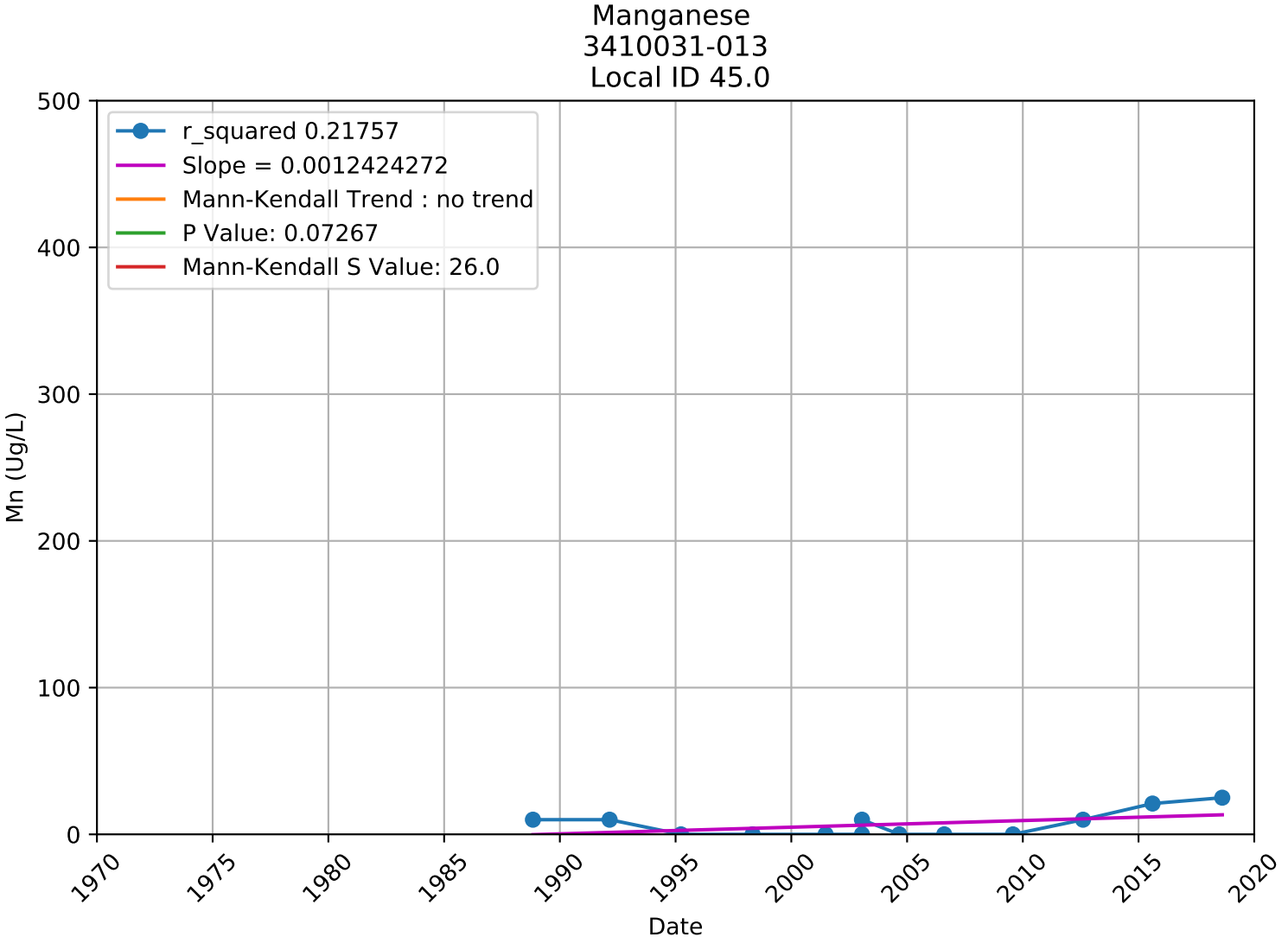

Manganese
3410031-008
Local ID 2056.0
r_squared 0.01177
Slope = 0.0002375781
Mann-Kendall Trend : no trend
P Value: 0.71961
Mann-Kendall S Value: 6.0
Mn (Ug/L)
Date
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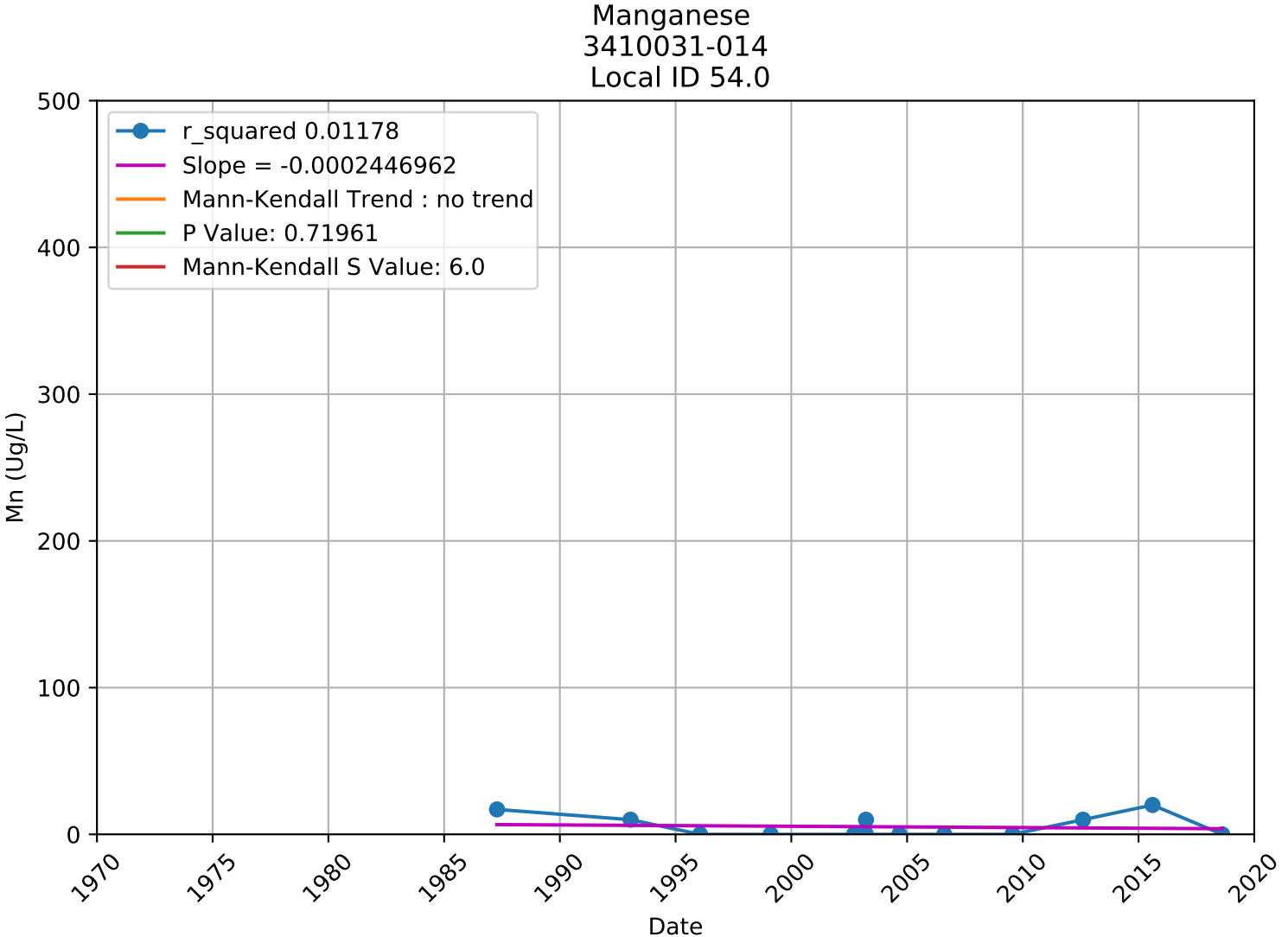

Manganese
3410031-009
Local ID 208.0
r_squared 0.05325
Slope = 0.0005264291
Mann-Kendall Trend : no trend
P Value: 0.40843
Mann-Kendall S Value: 11.0
Mn (Ug/L)
Date
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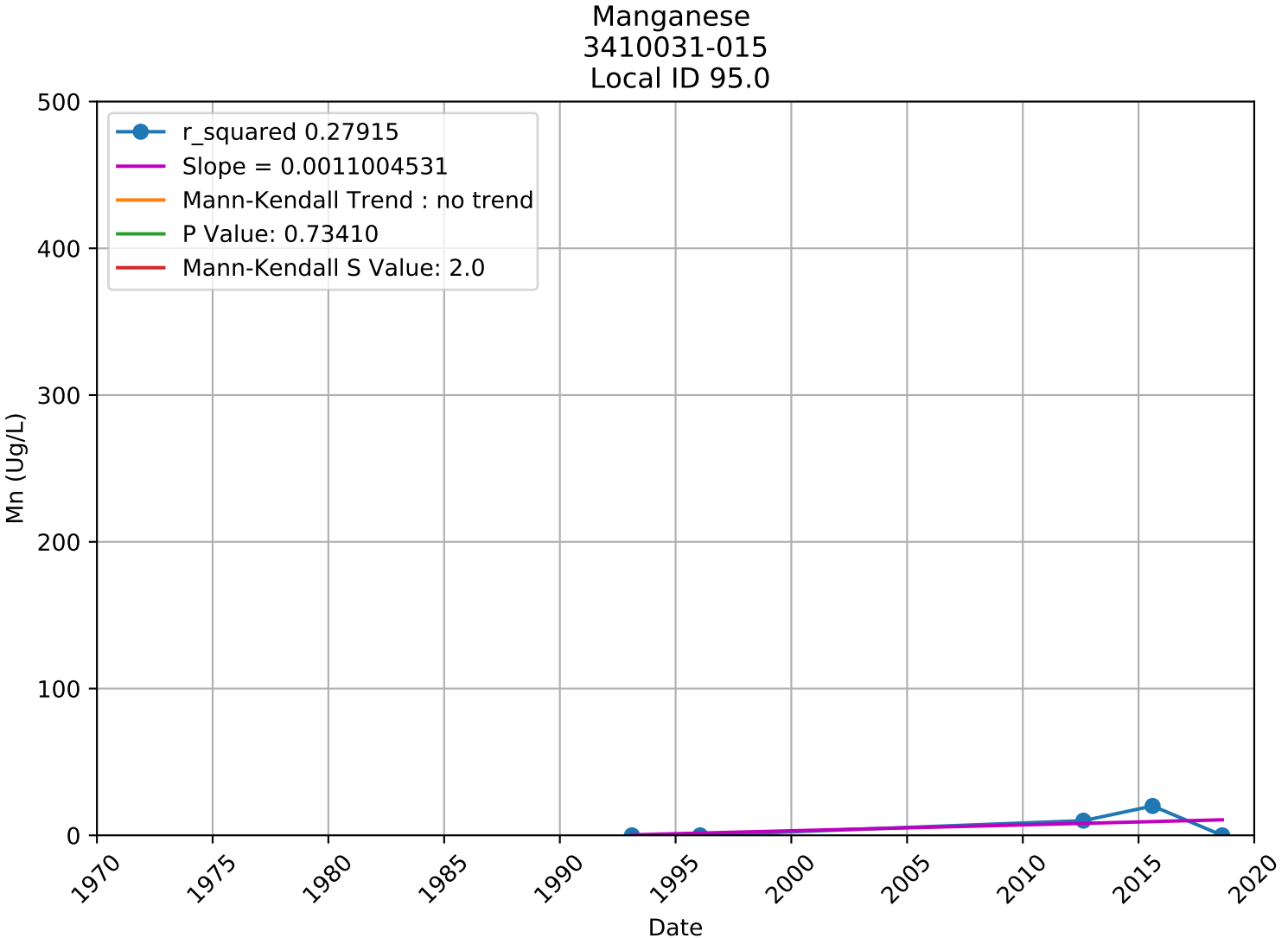

Manganese
3410031-010
Local ID 72.0
r_squared 0.77770
Slope = 0.0028030769
Mann-Kendall Trend : no trend
P Value: 0.14577
Mann-Kendall S Value: 24.0
Mn (Ug/L)
Date
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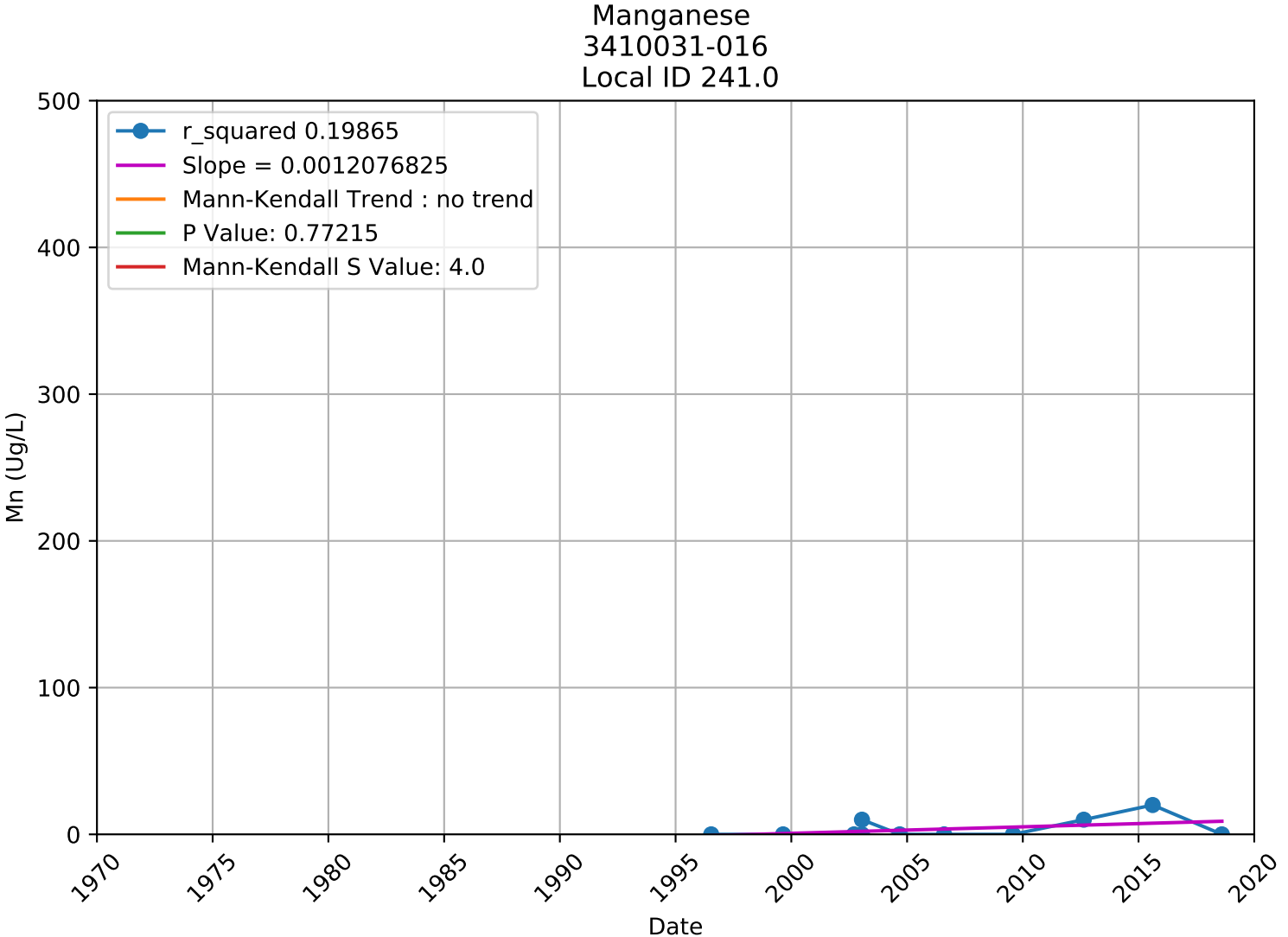

Manganese
3410031-011
Local ID 289.0
r_squared 0.13217
Slope = -0.0140386798
Mann-Kendall Trend : no trend
P Value: 0.05594
Mann-Kendall S Value: -215.0
Mn (Ug/L)
Date
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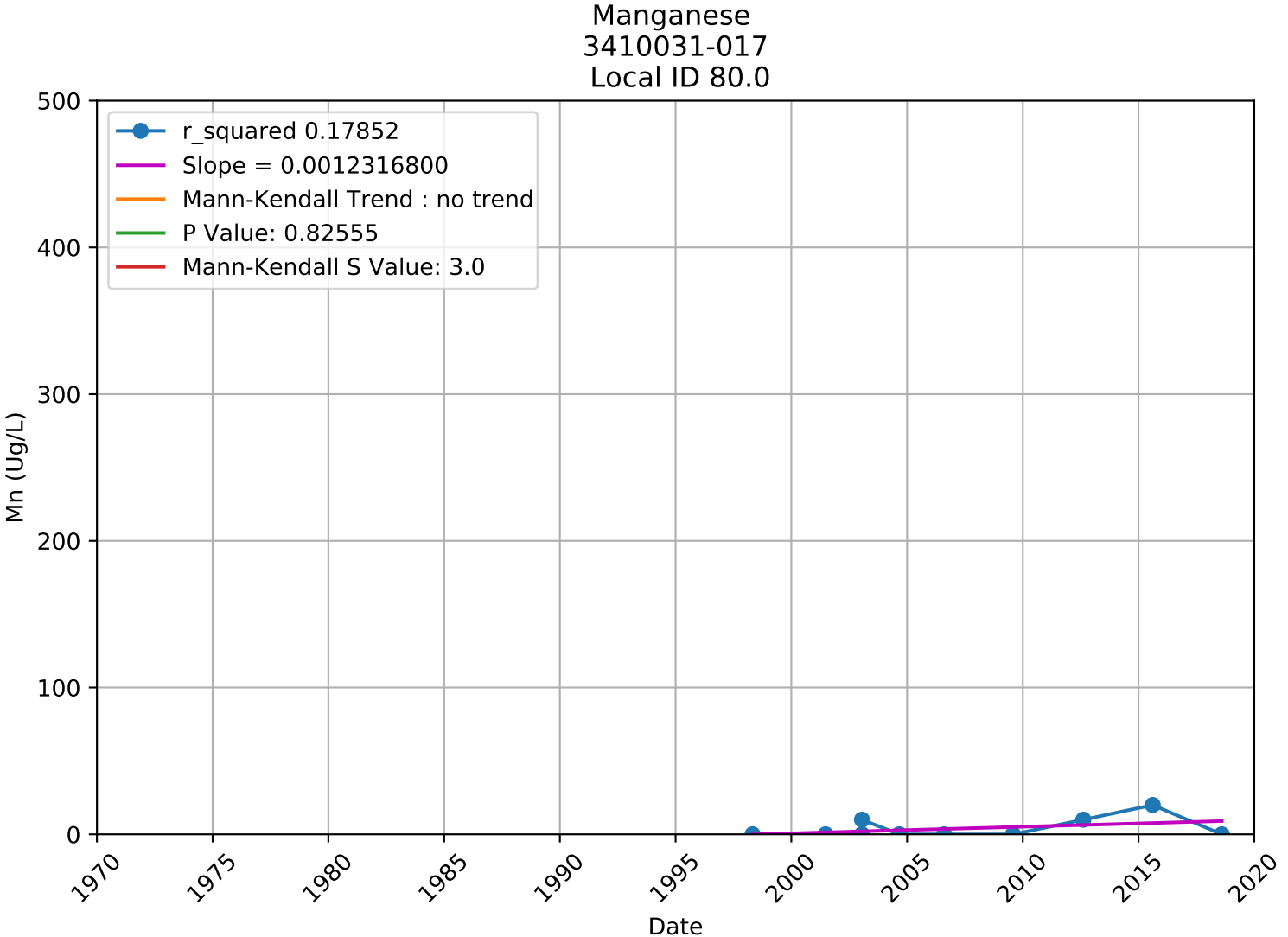

Manganese
3410031-012
Local ID 135.0
r_squared 0.01260
Slope = 0.0025013035
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Mn (Ug/L)
Date
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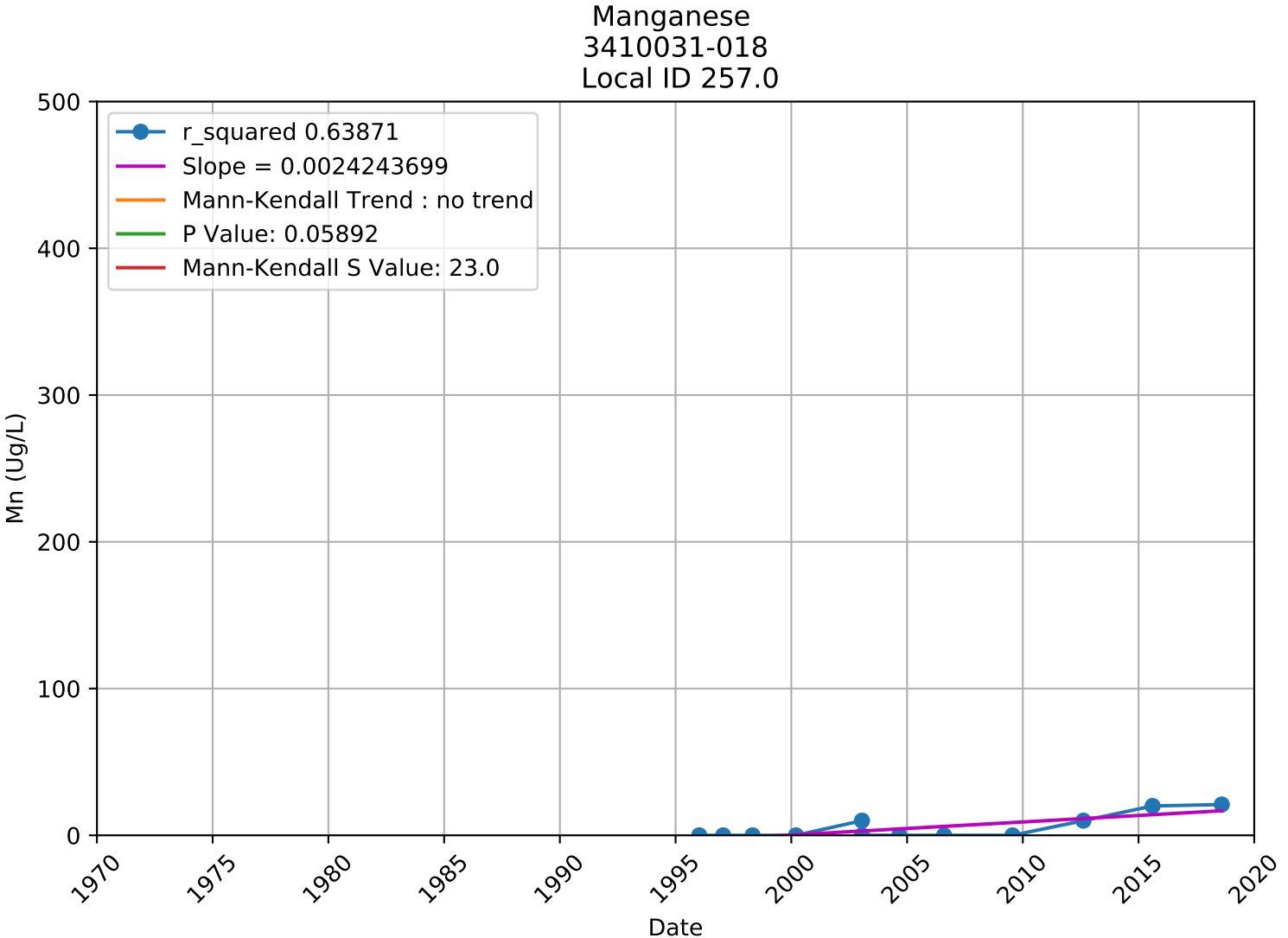

Manganese
3410031-013
Local ID 45.0
r_squared 0.21757
Slope = 0.0012424272
Mann-Kendall Trend : no trend
P Value: 0.07267
Mann-Kendall S Value: 26.0
Mn (Ug/L)
Date
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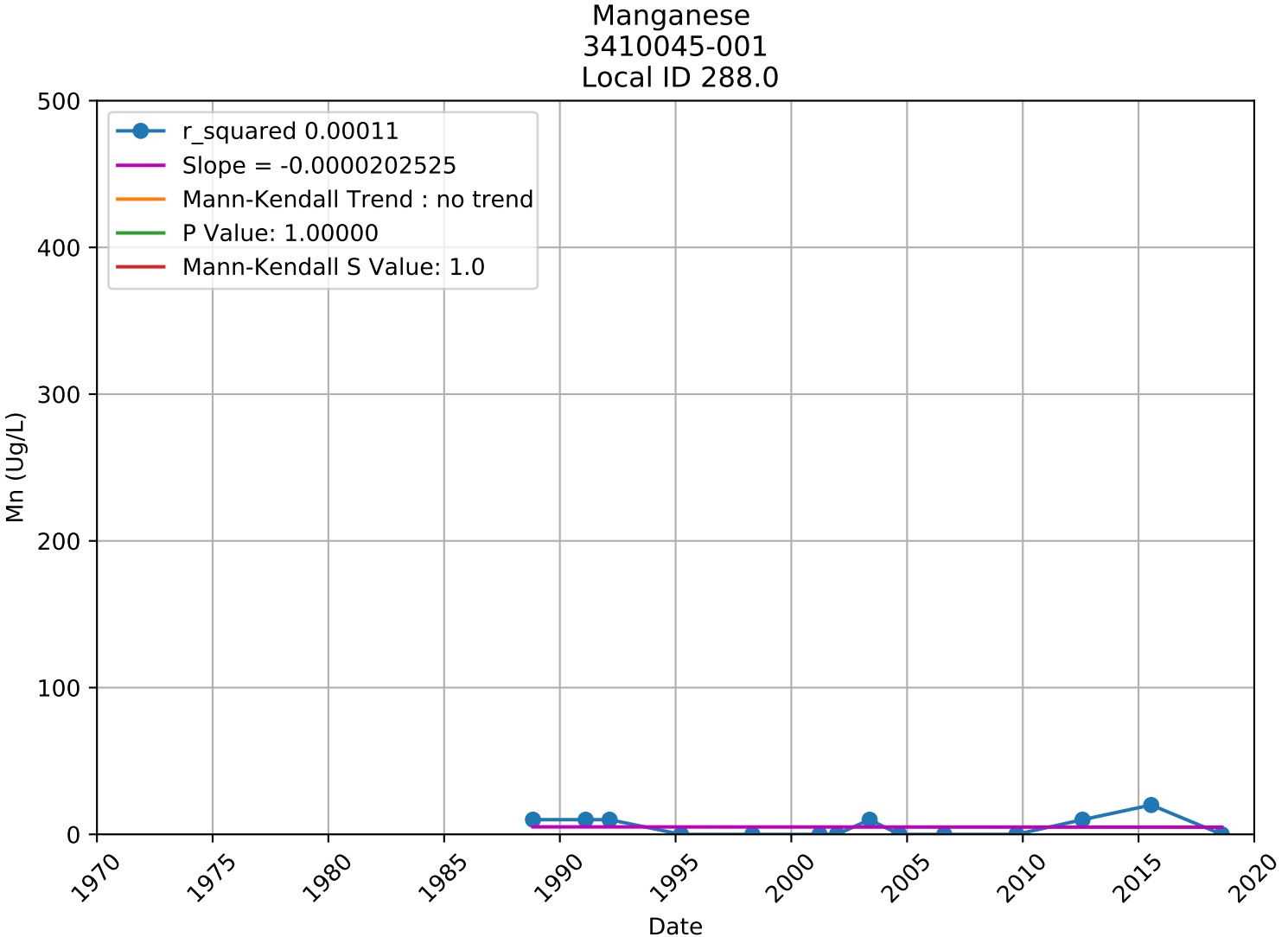

Manganese
3410031-014
Local ID 54.0
r_squared 0.01178
Slope = -0.0002446962
Mann-Kendall Trend : no trend
P Value: 0.71961
Mann-Kendall S Value: 6.0
Mn (Ug/L)
Date
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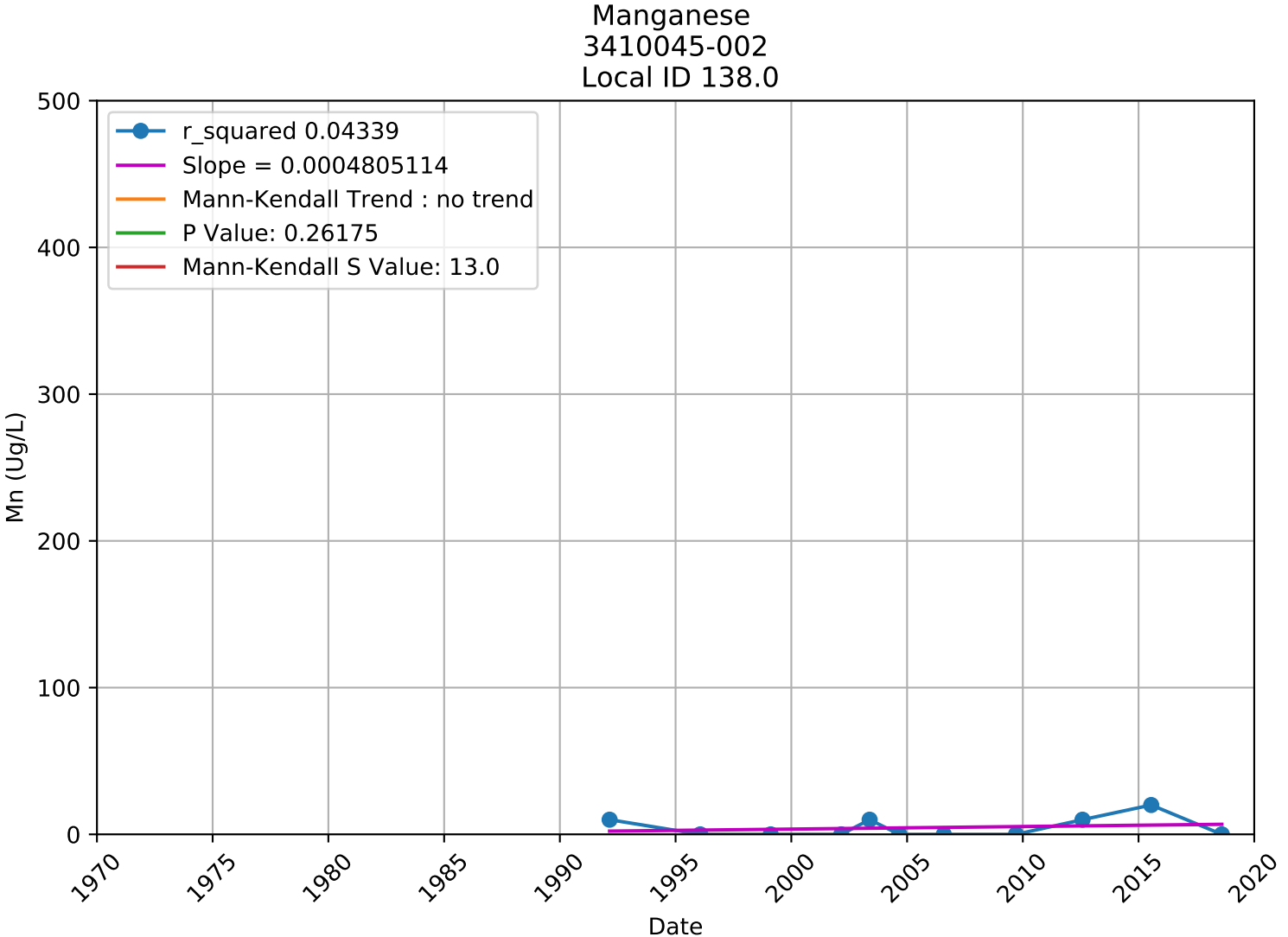

Manganese
3410031-015
Local ID 95.0
r_squared 0.27915
Slope = 0.0011004531
Mann-Kendall Trend : no trend
P Value: 0.73410
Mann-Kendall S Value: 2.0
Mn (Ug/L)
Date
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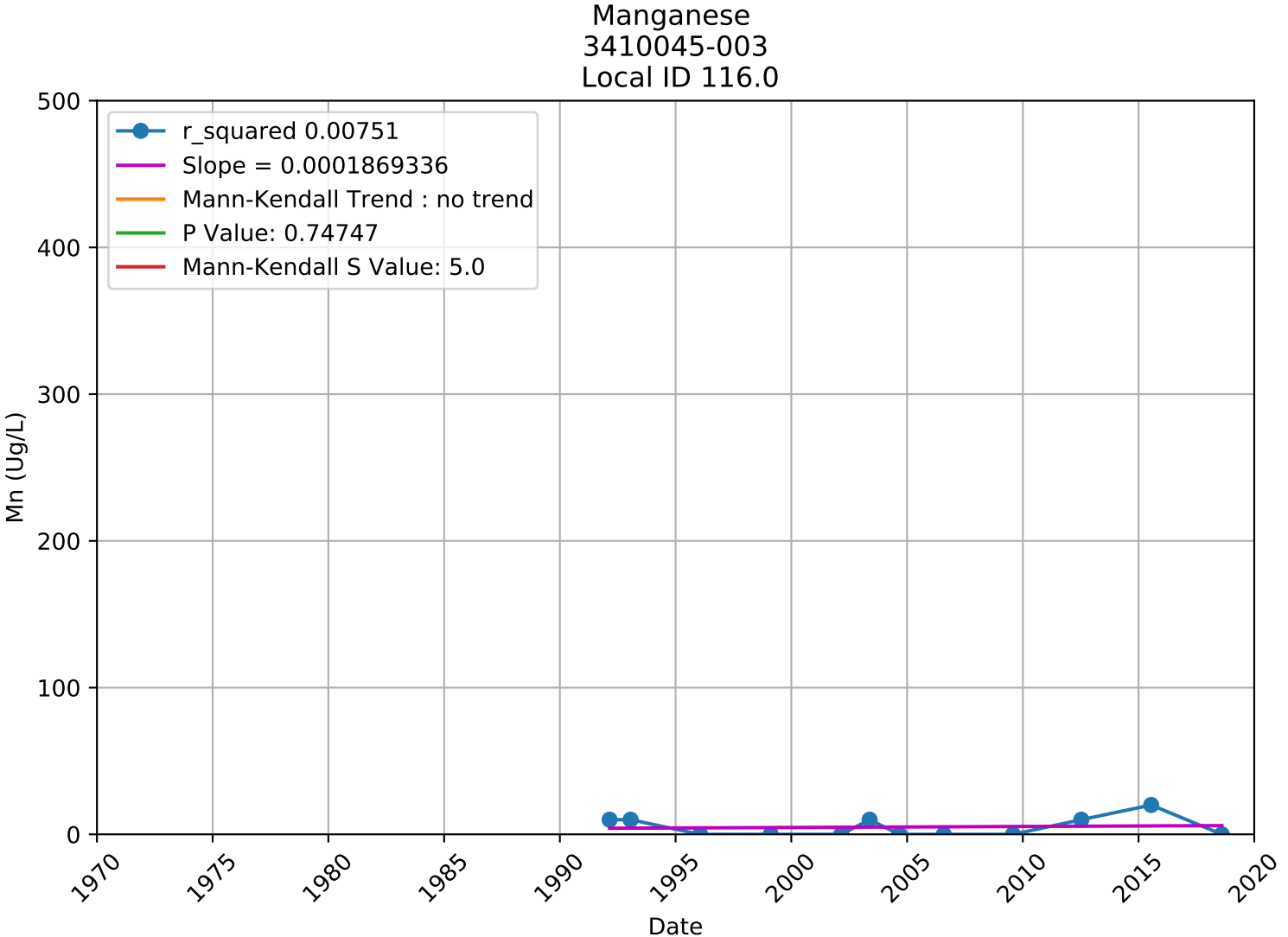

Manganese
3410031-016
Local ID 241.0
r_squared 0.19865
Slope = 0.0012076825
Mann-Kendall Trend : no trend
P Value: 0.77215
Mann-Kendall S Value: 4.0
Mn (Ug/L)
Date
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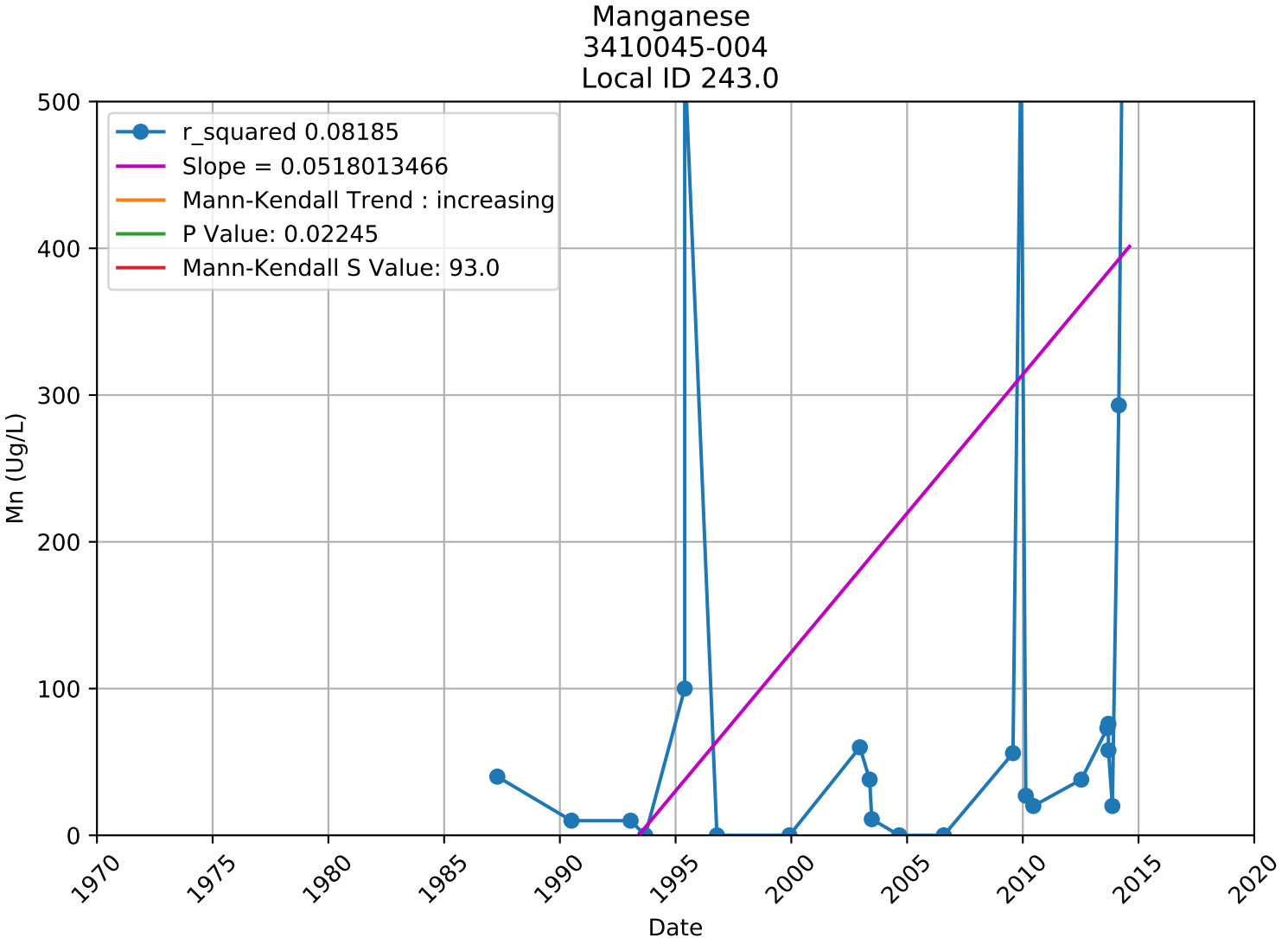

Manganese
3410031-017
Local ID 80.0
r_squared 0.17852
Slope = 0.0012316800
Mann-Kendall Trend : no trend
P Value: 0.82555
Mann-Kendall S Value: 3.0
Mn (Ug/L)
Date
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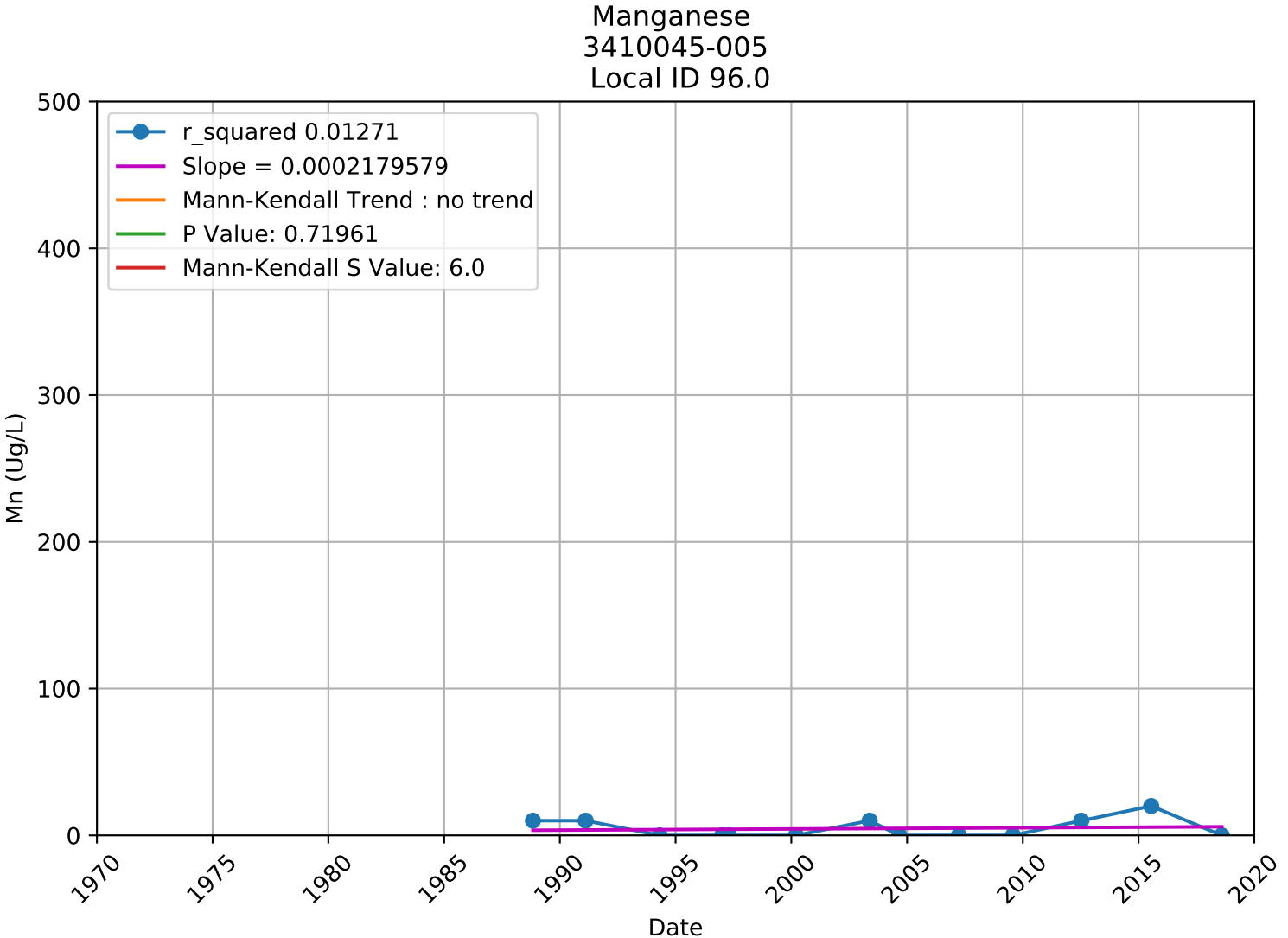

Manganese
3410031-018
Local ID 257.0
r_squared 0.63871
Slope = 0.0024243699
Mann-Kendall Trend : no trend
P Value: 0.05892
Mann-Kendall S Value: 23.0
Mn (Ug/L)
Date
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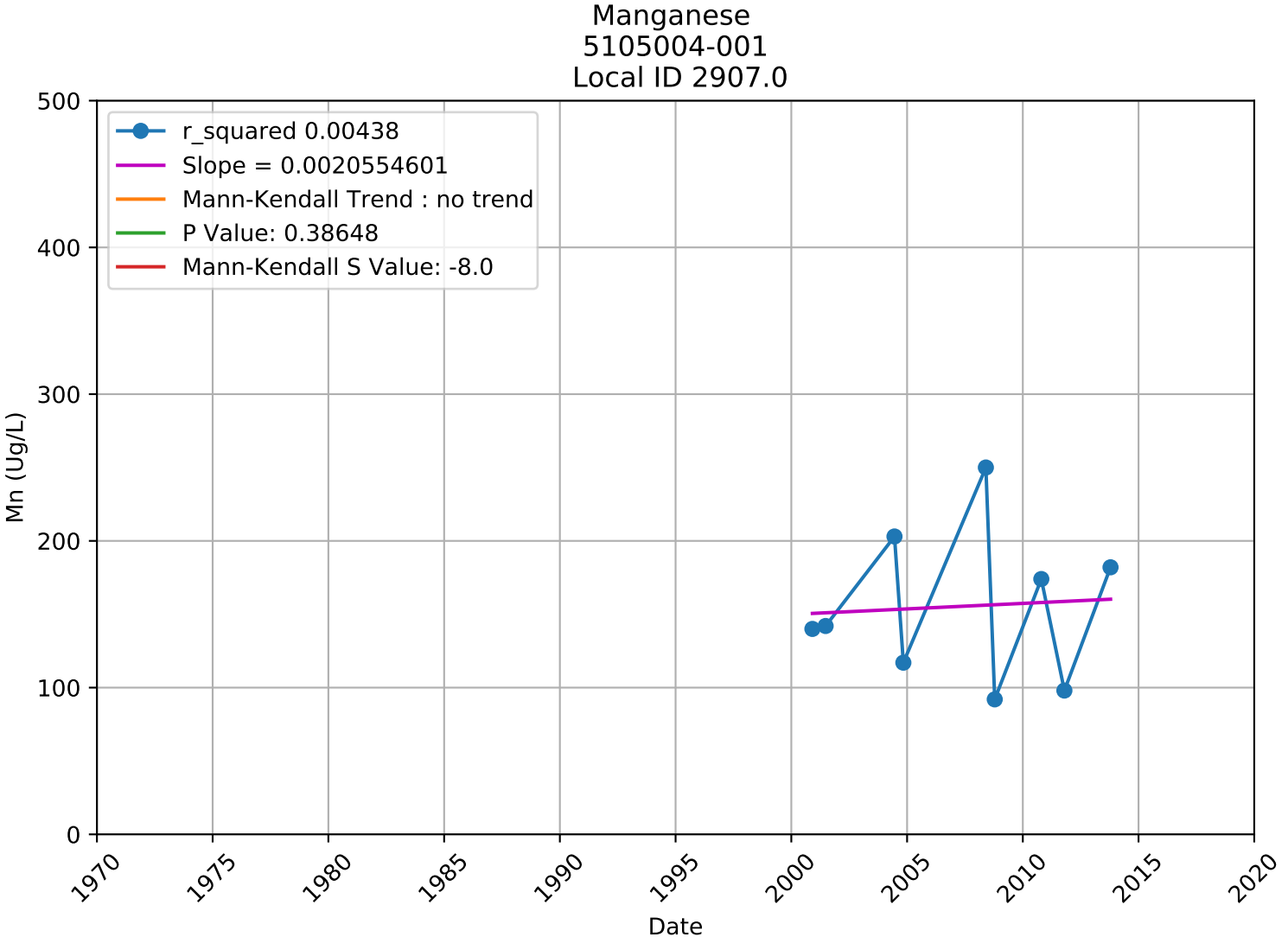

Manganese
3410045-001
Local ID 288.0
r_squared 0.00011
Slope = -0.0000202525
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
Mn (Ug/L)
Date
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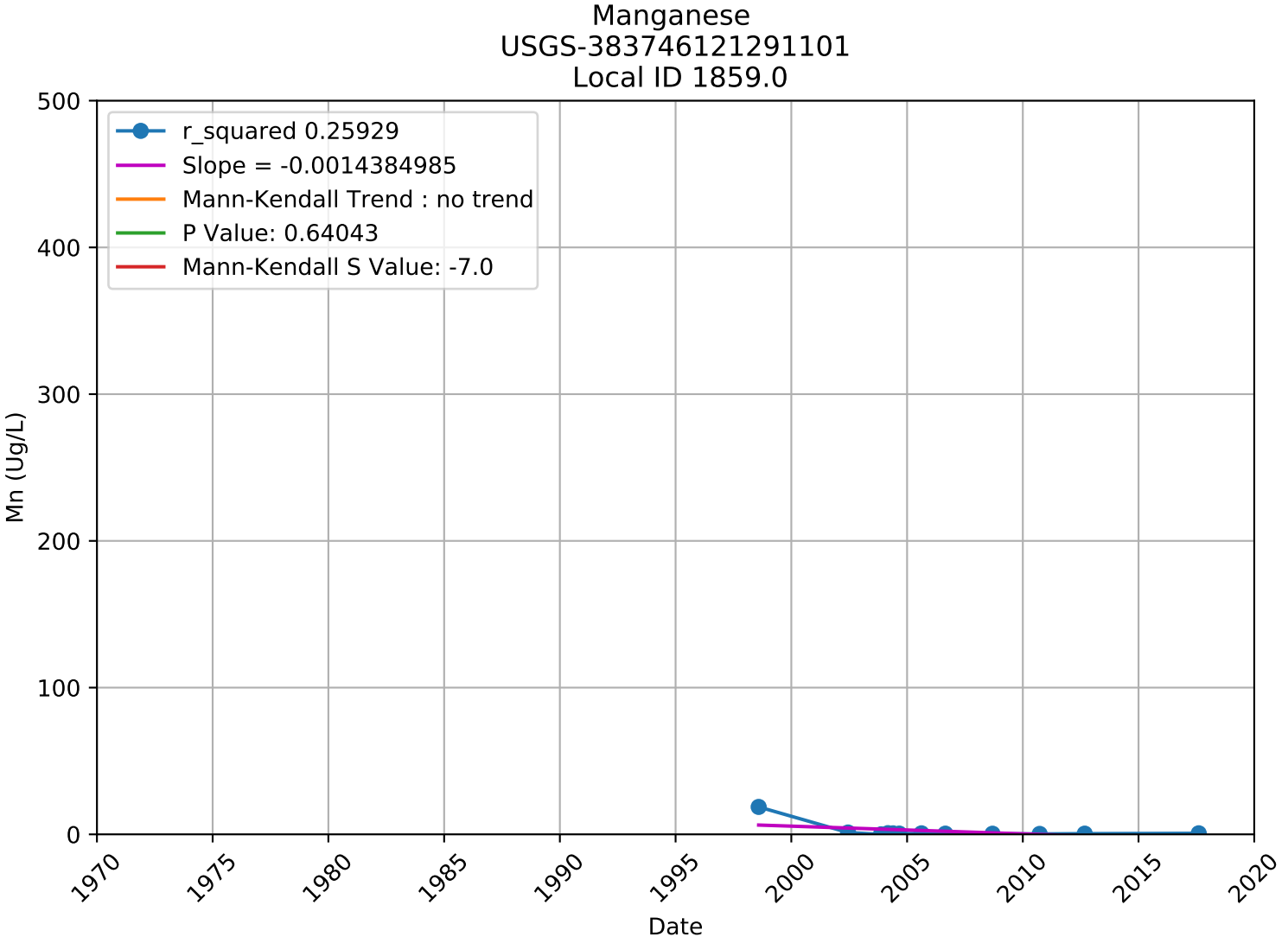

Manganese
3410045-002
Local ID 138.0
r_squared 0.04339
Slope = 0.0004805114
Mann-Kendall Trend : no trend
P Value: 0.26175
Mann-Kendall S Value: 13.0
Mn (Ug/L)
Date
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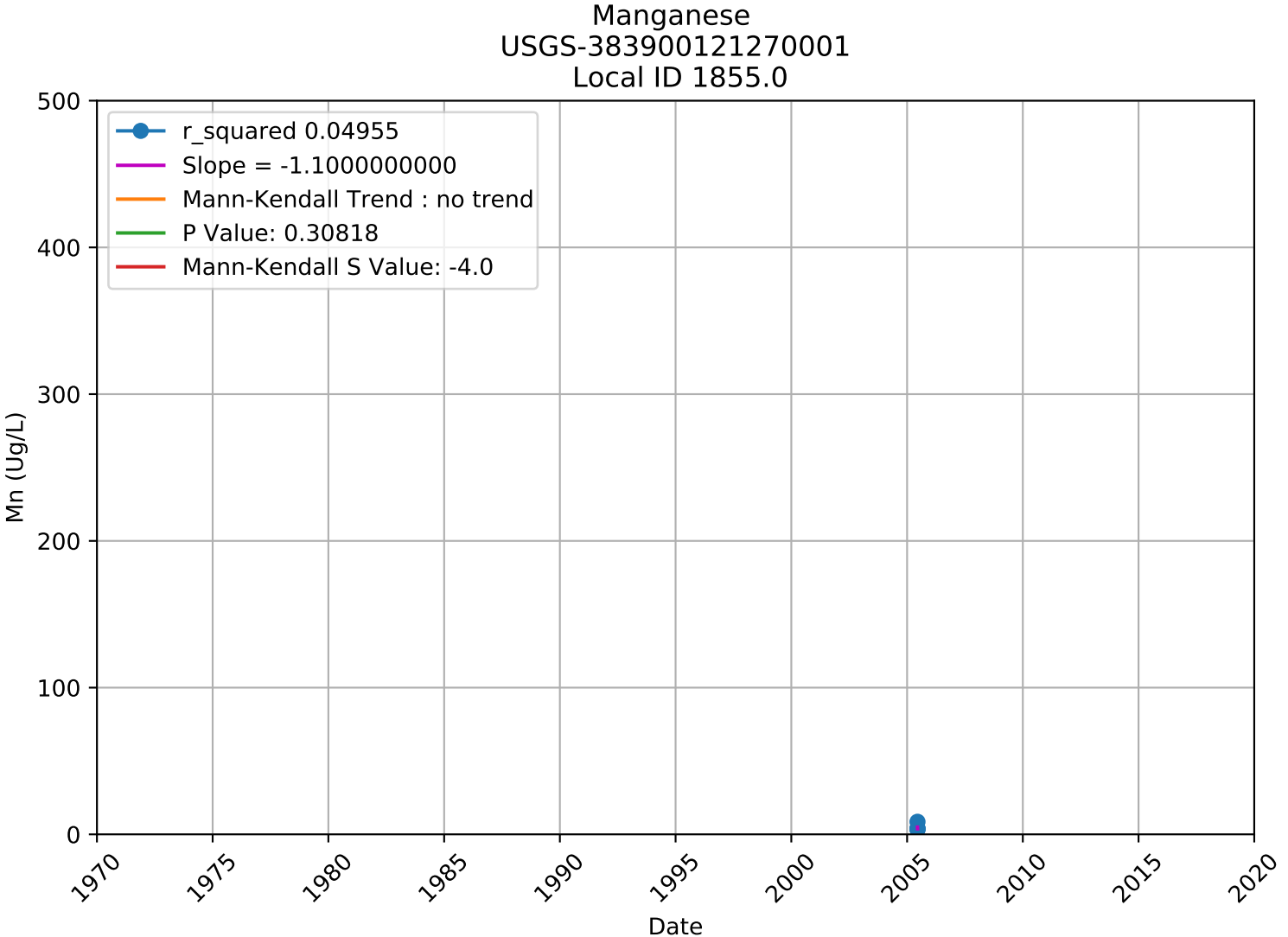

Manganese
3410045-003
Local ID 116.0
r_squared 0.00751
Slope = 0.0001869336
Mann-Kendall Trend : no trend
P Value: 0.74747
Mann-Kendall S Value: 5.0
Mn (Ug/L)
Date
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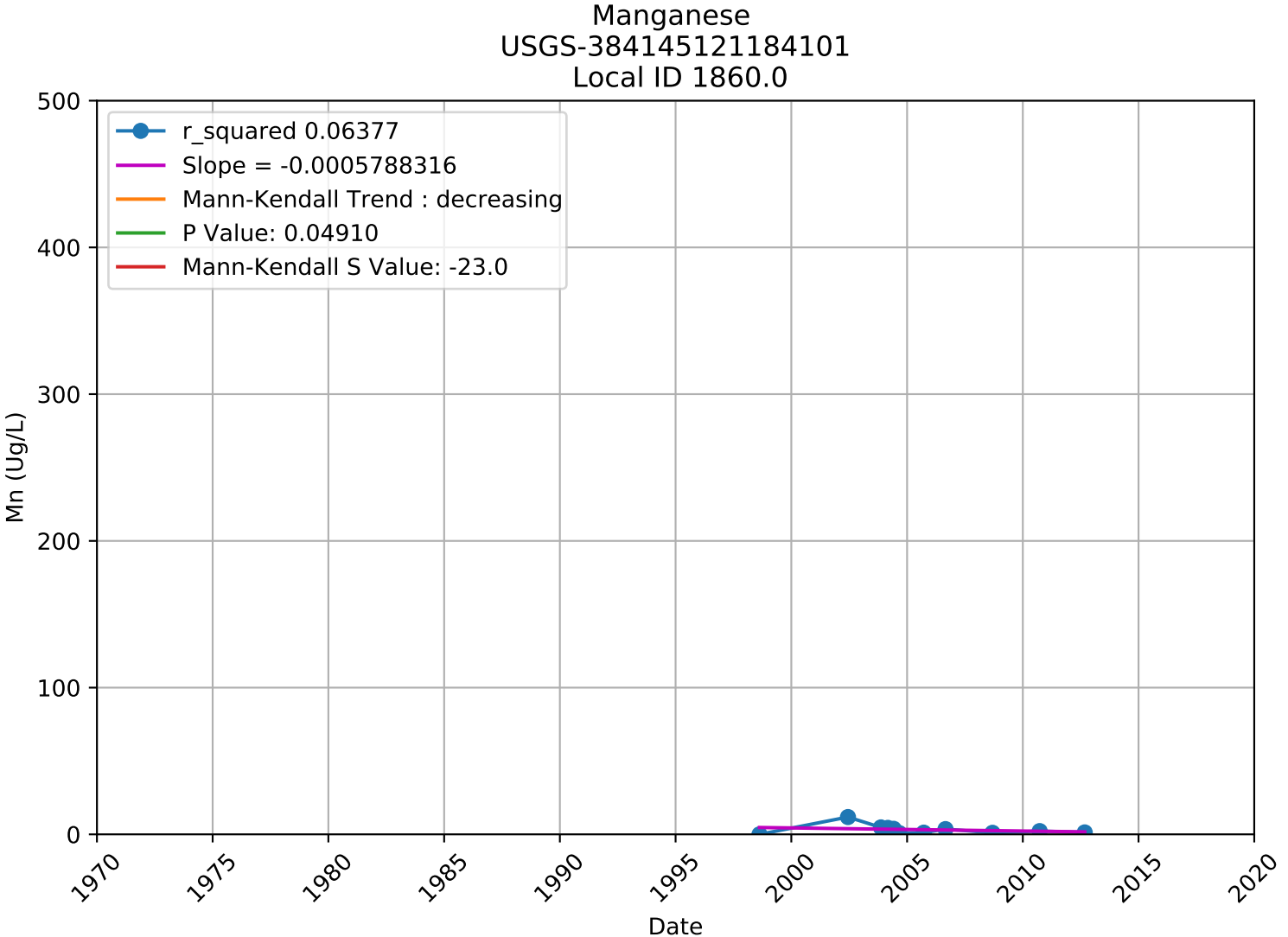

Manganese
3410045-004
Local ID 243.0
r_squared 0.08185
Slope = 0.0518013466
Mann-Kendall Trend : increasing
P Value: 0.02245
Mann-Kendall S Value: 93.0
Mn (Ug/L)
Date
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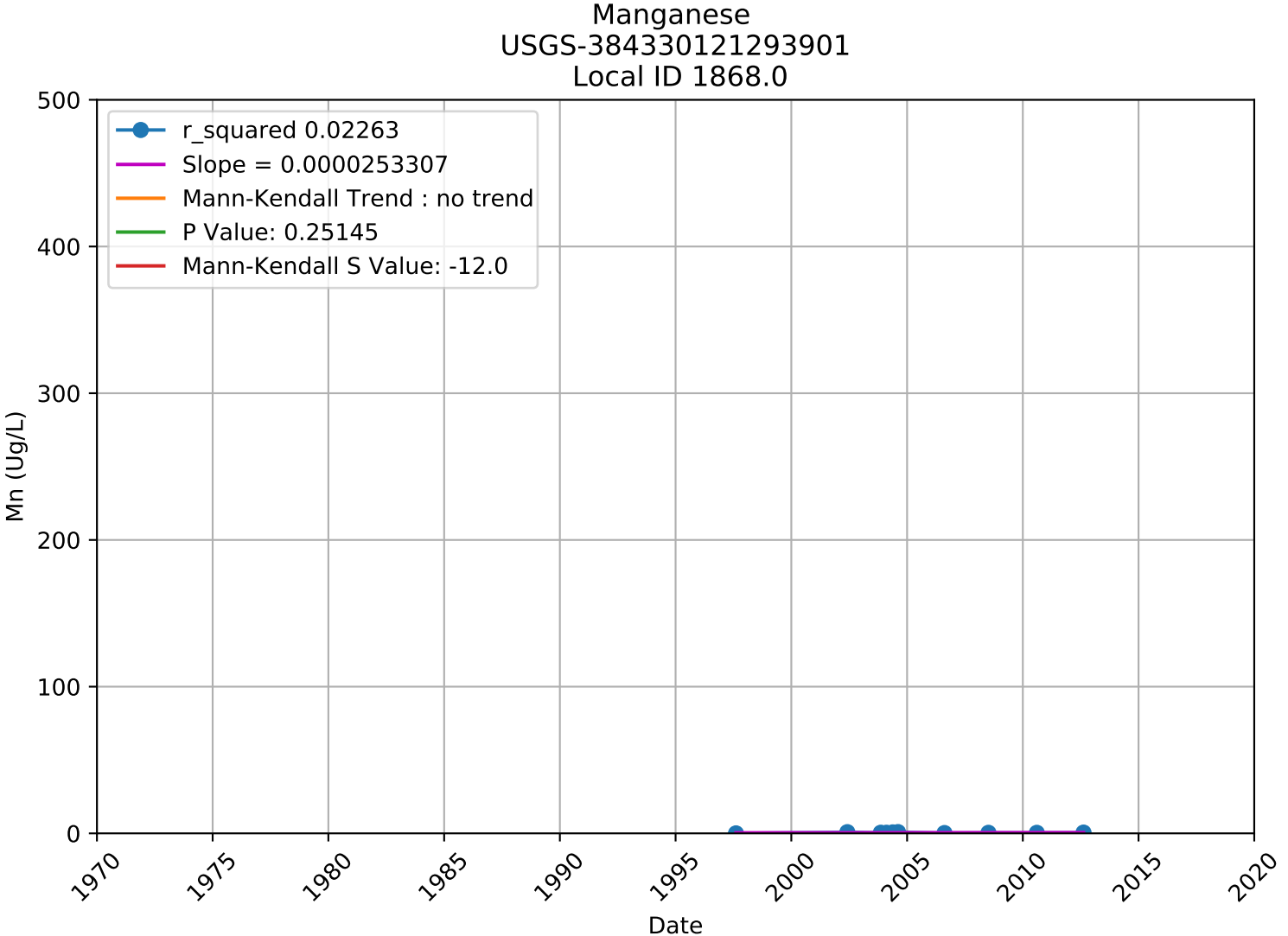

Manganese
3410045-005
Local ID 96.0
r_squared 0.01271
Slope = 0.0002179579
Mann-Kendall Trend : no trend
P Value: 0.71961
Mann-Kendall S Value: 6.0
Mn (Ug/L)
Date
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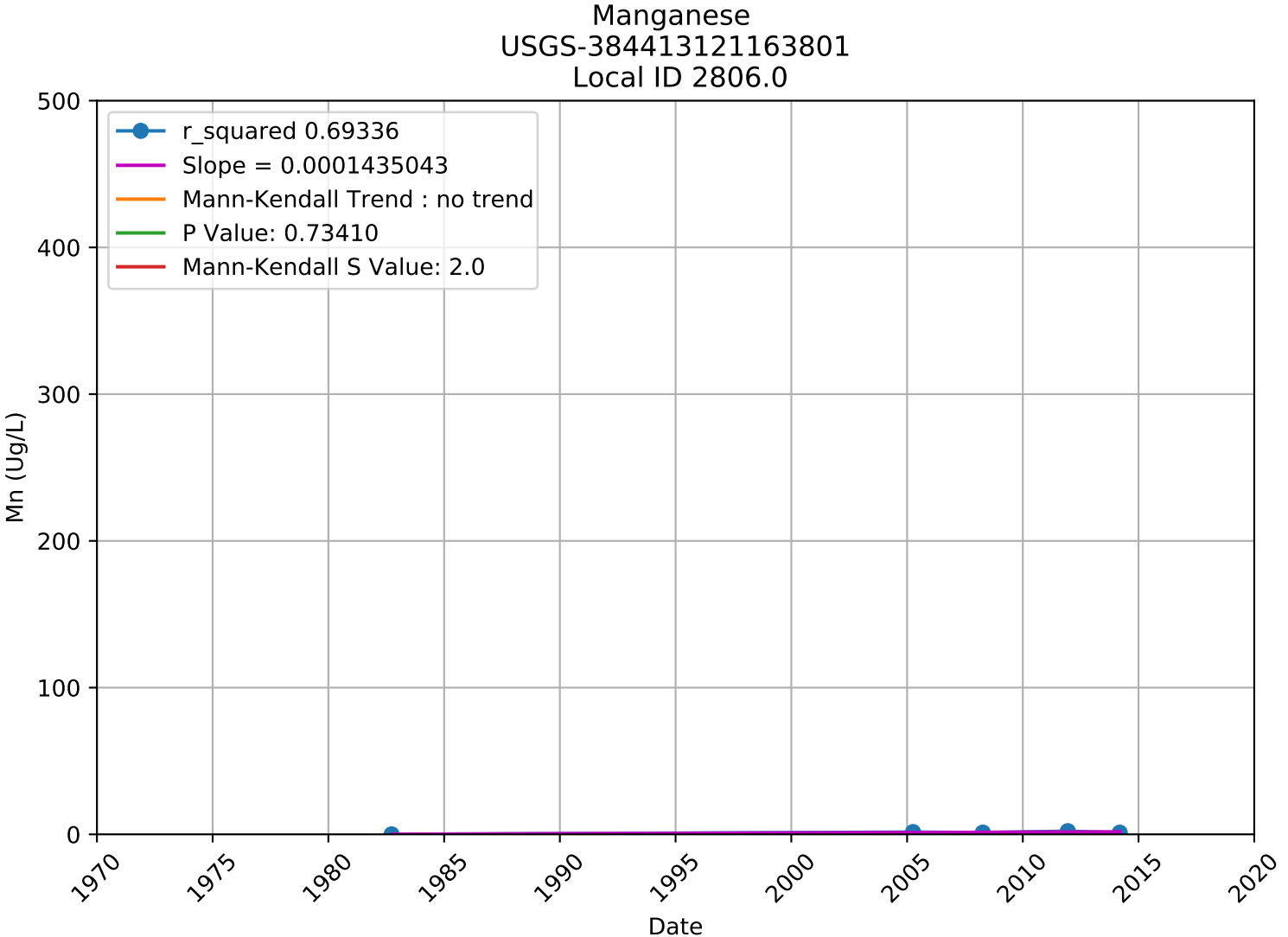

Manganese
5105004-001
Local ID 2907.0
r_squared 0.00438
Slope = 0.0020554601
Mann-Kendall Trend : no trend
P Value: 0.38648
Mann-Kendall S Value: -8.0
Mn (Ug/L)
Date
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1970
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Manganese
USGS-383746121291101
Local ID 1859.0
r_squared 0.25929
Slope = -0.0014384985
Mann-Kendall Trend : no trend
P Value: 0.64043
Mann-Kendall S Value: -7.0
Mn (Ug/L)
Date
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Manganese
USGS-383900121270001
Local ID 1855.0
r_squared 0.04955
Slope = -1.1000000000
Mann-Kendall Trend : no trend
P Value: 0.30818
Mann-Kendall S Value: -4.0
Mn (Ug/L)
Date
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1970
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Manganese
USGS-384145121184101
Local ID 1860.0
r_squared 0.06377
Slope = -0.0005788316
Mann-Kendall Trend : decreasing
P Value: 0.04910
Mann-Kendall S Value: -23.0
Mn (Ug/L)
Date
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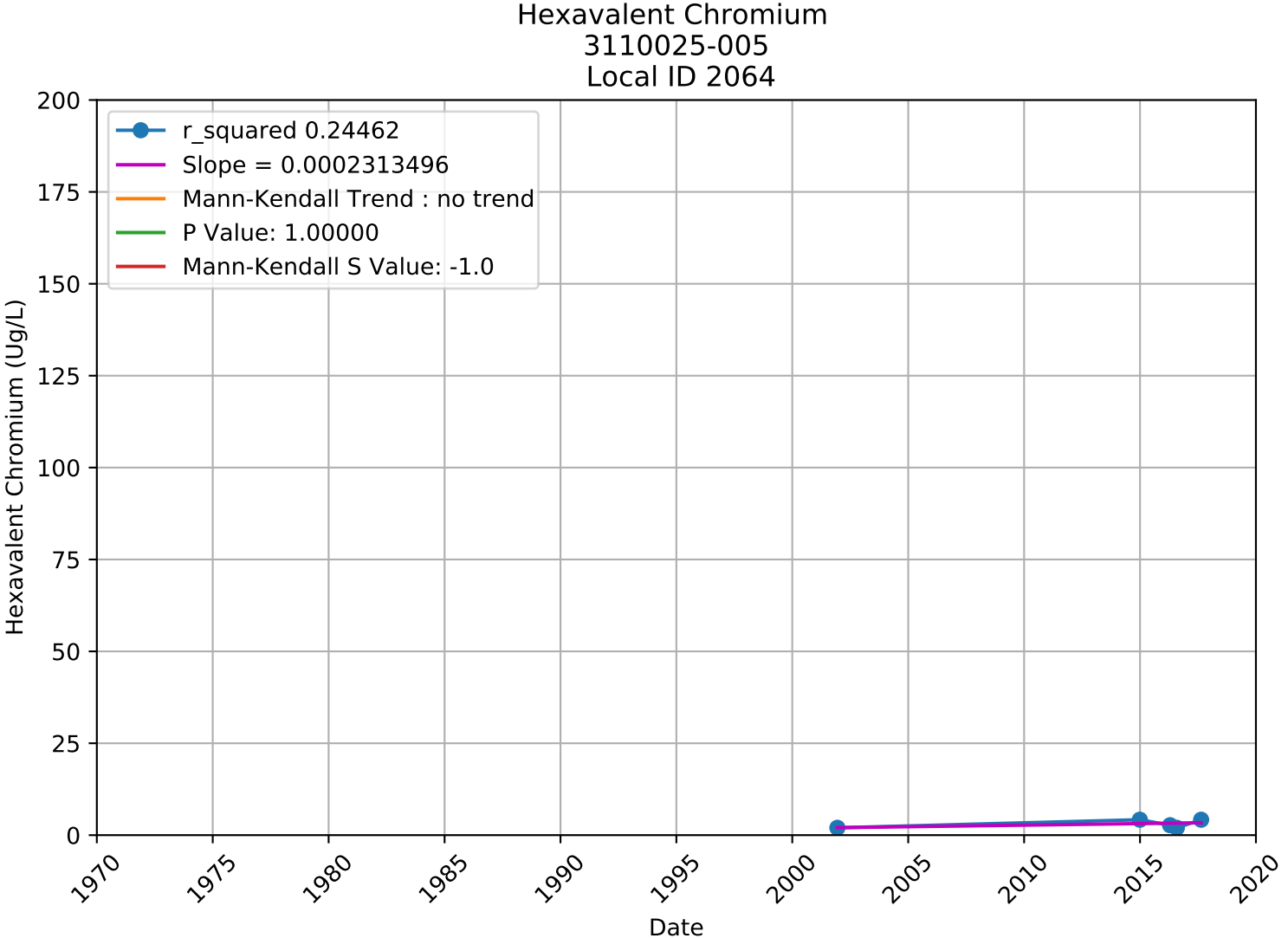

Manganese
USGS-384330121293901
Local ID 1868.0
r_squared 0.02263
Slope = 0.0000253307
Mann-Kendall Trend : no trend
P Value: 0.25145
Mann-Kendall S Value: -12.0
Mn (Ug/L)
Date
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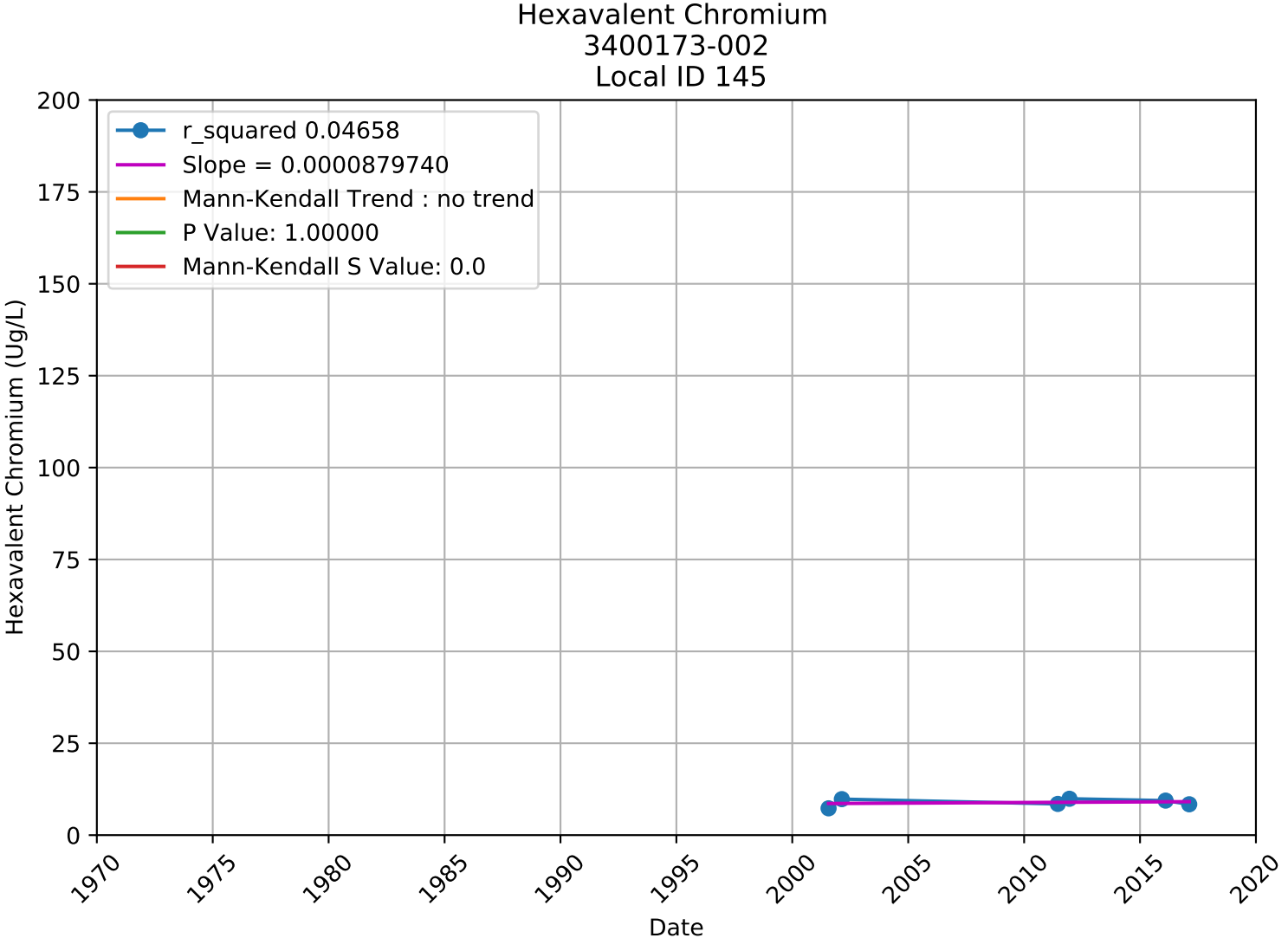

Manganese
USGS-384413121163801
Local ID 2806.0
r_squared 0.69336
Slope = 0.0001435043
Mann-Kendall Trend : no trend
P Value: 0.73410
Mann-Kendall S Value: 2.0
Mn (Ug/L)
Date
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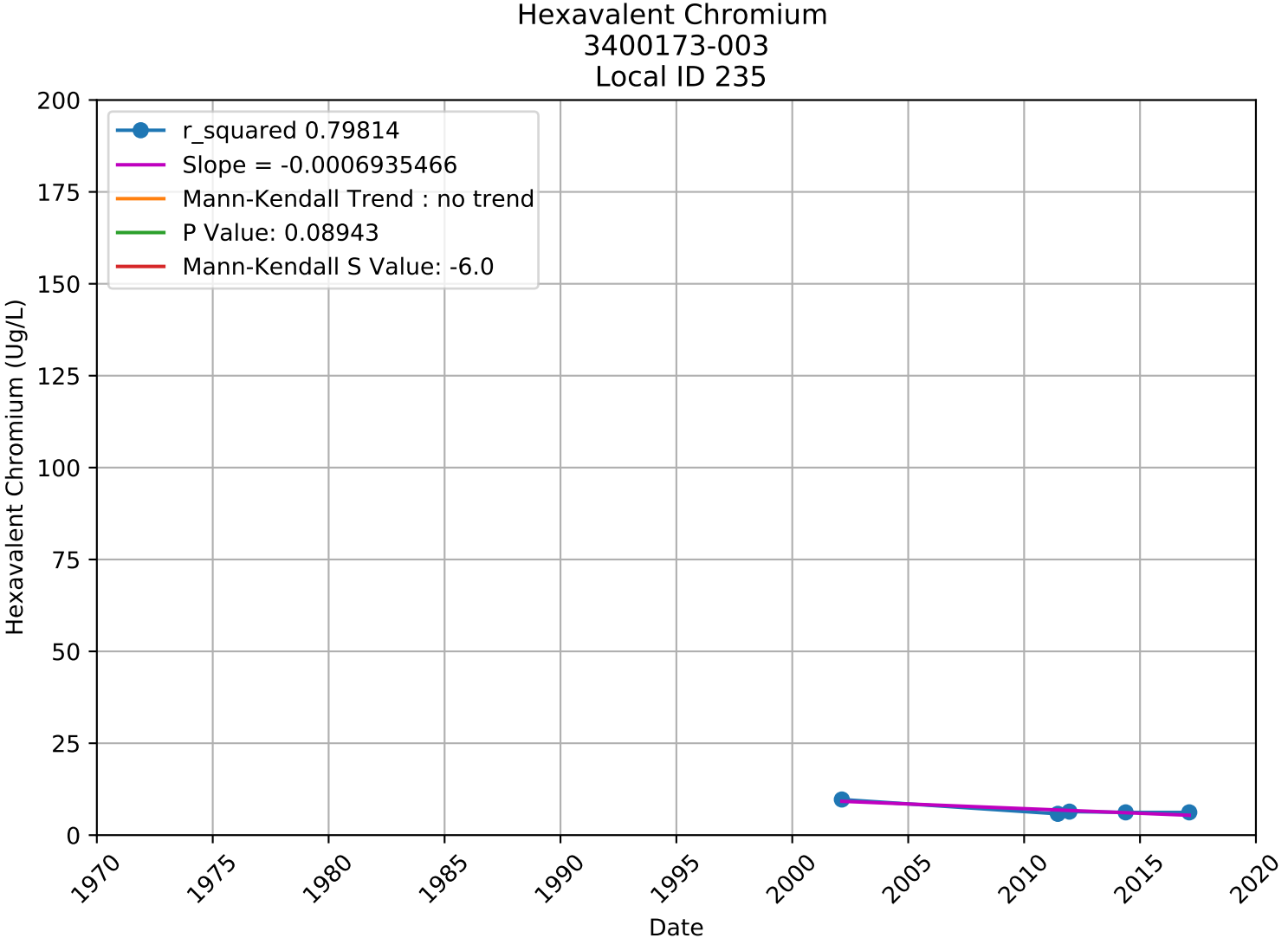
Hexavalent Chromium

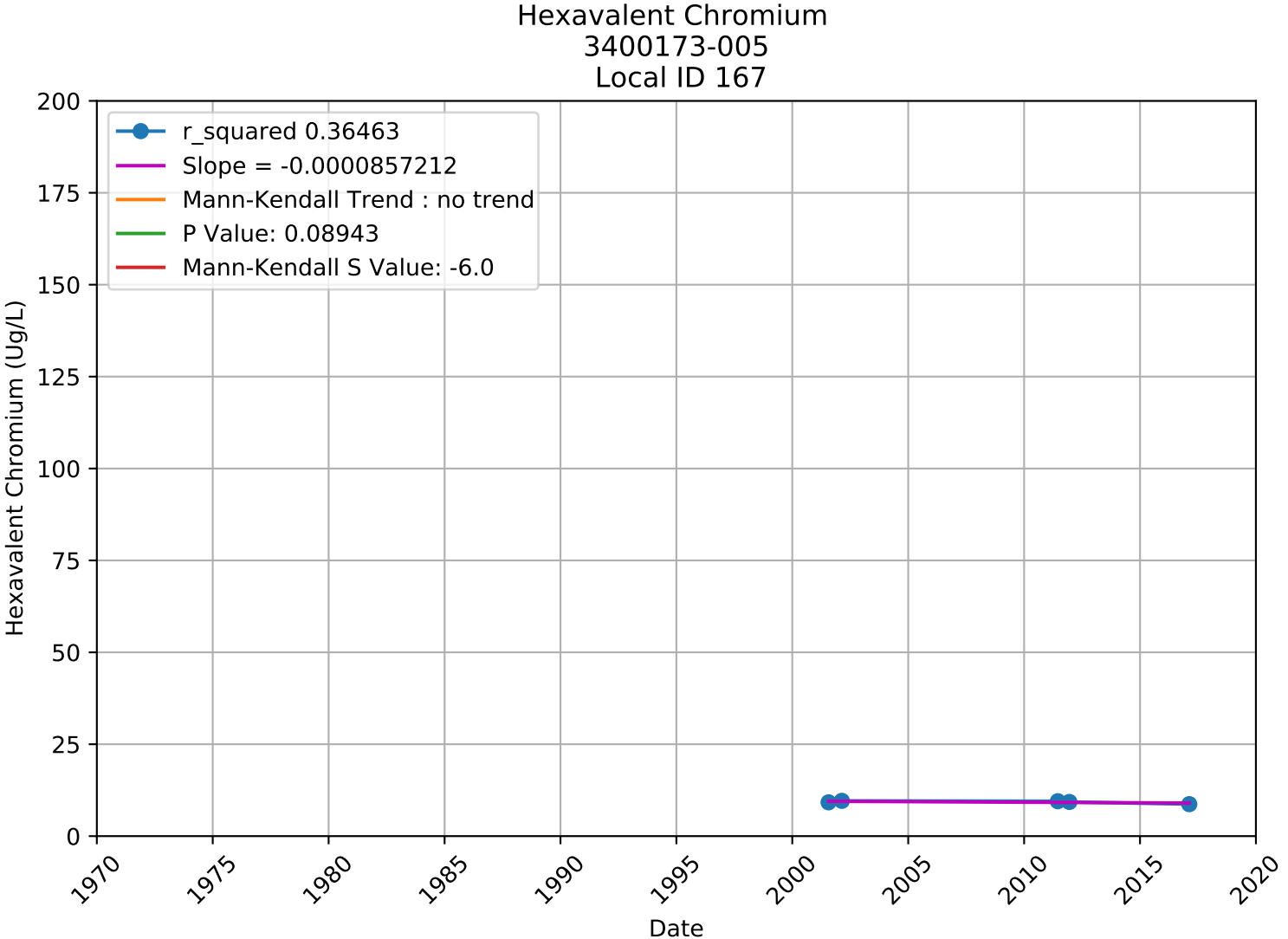
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2064	3110025-005	CR6	FALSE	1	-1	-0.167	no trend	7.7	0	12/12/2001	8/21/2017	38.818889	-121.31
145	3400173-002	CR6	FALSE	1	0	0	no trend	16.7	0	7/26/2001	2/14/2017	38.640638	-121.483861
235	3400173-003	CR6	FALSE	0.089	-6	-1	no trend	8.7	-1.7	2/20/2002	2/15/2017	38.654819	-121.477561
167	3400173-005	CR6	FALSE	0.089	-6	-1	no trend	8.7	-1.7	7/26/2001	2/15/2017	38.646271	-121.502342
191	3410001-016	CR6	FALSE	0.462	-4	-0.4	no trend	16.7	-0.73	6/6/2002	4/14/2014	38.631327	-121.37485
114	3410001-020	CR6	FALSE	1	0	0	no trend	8.7	0	5/9/2002	4/14/2014	38.618079	-121.359205
244	3410001-028	CR6	FALSE	1	1	0.167	no trend	7.7	0	7/15/2002	2/11/2015	38.63562	-121.381097
86	3410001-078	CR6	FALSE	0.734	-2	-0.333	no trend	8.7	-0.34	7/19/2001	4/16/2014	38.684818	-121.355931
262	3410001-106	CR6	FALSE	0.707	-3	-0.2	no trend	28.3	-0.38	7/19/2001	2/19/2015	38.710517	-121.331659
254	3410001-127	CR6	FALSE	1	1	0.167	no trend	7.7	0	7/19/2001	11/11/2014	38.712268	-121.381099
149	3410001-129	CR6	FALSE	0.312	5	0.5	no trend	15.7	1.01	7/19/2001	2/26/2015	38.710651	-121.387666
99	3410001-136	CR6	FALSE	0.848	-2	-0.133	no trend	27.3	-0.19	7/18/2002	3/27/2018	38.685899	-121.372701
141	3410001-137	CR6	FALSE	0.613	-3	-0.3	no trend	15.7	-0.51	7/11/2002	2/19/2015	38.692847	-121.375953
315	3410002-001	CR6	FALSE	0.707	-3	-0.2	no trend	28.3	-0.38	3/20/2001	2/8/2017	38.583333	-121.383333
117	3410002-002	CR6	FALSE	0.452	-5	-0.333	no trend	28.3	-0.75	3/20/2001	2/8/2017	38.583333	-121.366667
28	3410002-007	CR6	FALSE	1	-1	-0.067	no trend	28.3	0	3/20/2001	2/14/2017	38.566667	-121.4
10	3410002-012	CR6	FALSE	0.579	-3	-0.3	no trend	13	-0.55	3/20/2001	11/14/2017	38.566667	-121.416667
17	3410002-013	CR6	FALSE	1	0	0	no trend	28.3	0	3/20/2001	2/14/2017	38.583333	-121.416667
249	3410002-014	CR6	FALSE	1	0	0	no trend	27.3	0	3/20/2001	11/14/2017	38.583333	-121.366667
74	3410004-001	CR6	FALSE	0.312	5	0.5	no trend	15.7	1.01	6/12/2001	1/29/2003	38.645432	-121.313067
83	3410004-004	CR6	FALSE	0.266	10	0.357	no trend	65.3	1.11	6/12/2001	7/23/2003	38.64988	-121.30798
172	3410004-006	CR6	FALSE	1	0	0	no trend	268.7	0	6/12/2001	6/4/2015	38.622744	-121.335704
6	3410004-007	CR6	FALSE	0.433	6	0.286	no trend	40.7	0.78	4/11/2001	10/23/2002	38.594673	-121.334606
150	3410004-009	CR6	FALSE	0.951	-2	-0.026	no trend	266.7	-0.06	6/12/2001	6/4/2015	38.619652	-121.333354
261	3410004-016	CR6	FALSE	1	1	0.022	no trend	120.3	0	6/12/2001	6/4/2015	38.645576	-121.306819
248	3410004-020	CR6	FALSE	0.902	2	0.071	no trend	65.3	0.12	4/25/2002	6/4/2015	38.641845	-121.315446
139	3410004-021	CR6	FALSE	0.272	-8	-0.381	no trend	40.7	-1.1	4/23/2002	6/4/2015	38.604804	-121.342252
229	3410007-002	CR6	FALSE	0.462	4	0.4	no trend	16.7	0.73	3/12/2002	8/13/2018	38.613607	-121.371676
216	3410007-003	CR6	FALSE	0.734	-2	-0.333	no trend	8.7	-0.34	6/13/2002	8/5/2015	38.606352	-121.369707
269	3410007-004	CR6	TRUE	0.027	10	1	increasing	16.7	2.2	3/12/2002	8/13/2018	38.607768	-121.374083
77	3410007-005	CR6	FALSE	0.462	4	0.4	no trend	16.7	0.73	3/12/2002	8/13/2018	38.61458	-121.378552
195	3410007-007	CR6	FALSE	0.707	3	0.2	no trend	28.3	0.38	3/12/2002	8/14/2018	38.606531	-121.380719
253	3410007-008	CR6	FALSE	1	0	0	no trend	8.7	0	3/12/2002	8/14/2018	38.613172	-121.380739
166	3410009-001	CR6	FALSE	1	0	0	no trend	8.7	0	6/27/2001	12/17/2003	38.643048	-121.268528
105	3410009-004	CR6	FALSE	1	0	0	no trend	8.7	0	6/27/2001	12/17/2003	38.651282	-121.255173
78	3410009-005	CR6	FALSE	0.371	-3	-0.5	no trend	5	-0.89	6/27/2001	12/17/2003	38.650805	-121.286999
201	3410009-006	CR6	FALSE	0.148	-11	-0.306	no trend	47.7	-1.45	6/27/2001	11/8/2018	38.642768	-121.278261
234	3410009-007	CR6	FALSE	1	0	0	no trend	92	0	6/27/2001	11/8/2018	38.651297	-121.296666
217	3410009-008	CR6	FALSE	1	0	0	no trend	8.7	0	6/27/2001	12/17/2003	38.662066	-121.265396
164	3410009-010	CR6	FALSE	0.544	-25	-0.077	no trend	1565	-0.61	6/27/2001	3/28/2019	38.659628	-121.25556
93	3410013-001	CR6	FALSE	0.308	-4	-0.667	no trend	8.7	-1.02	3/25/2002	5/17/2017	38.694922	-121.332628
159	3410013-002	CR6	FALSE	1	1	0.167	no trend	7.7	0	6/5/2002	5/17/2017	38.69054	-121.34151
51	3410013-003	CR6	FALSE	0.308	-4	-0.667	no trend	8.7	-1.02	6/5/2002	12/19/2017	38.683982	-121.31348
240	3410013-004	CR6	FALSE	0.734	-2	-0.333	no trend	8.7	-0.34	3/25/2002	5/9/2017	38.699328	-121.295627
178	3410013-005	CR6	FALSE	0.734	2	0.333	no trend	8.7	0.34	3/25/2002	5/9/2017	38.669042	-121.293798
63	3410013-006	CR6	FALSE	0.308	4	0.667	no trend	8.7	1.02	7/25/2002	5/9/2017	38.685052	-121.305855
156	3410013-007	CR6	FALSE	0.734	2	0.333	no trend	8.7	0.34	7/28/2003	5/9/2017	38.691478	-121.336784
270	3410013-008	CR6	FALSE	1	0	0	no trend	16.7	0	6/5/2002	9/19/2018	38.673506	-121.340002
224	3410013-009	CR6	FALSE	0.308	4	0.667	no trend	8.7	1.02	3/25/2002	5/9/2017	38.695662	-121.29509
92	3410013-010	CR6	FALSE	1	0	0	no trend	8.7	0	3/25/2002	5/10/2017	38.670117	-121.341406
237	3410013-012	CR6	FALSE	0.308	4	0.667	no trend	8.7	1.02	3/25/2002	5/8/2017	38.66565	-121.302524
223	3410013-013	CR6	FALSE	0.308	-4	-0.667	no trend	8.7	-1.02	3/25/2002	5/8/2017	38.678824	-121.304628
144	3410013-014	CR6	FALSE	0.221	6	0.6	no trend	16.7	1.22	6/5/2002	5/8/2017	38.668822	-121.304482
112	3410013-015	CR6	FALSE	0.734	2	0.333	no trend	8.7	0.34	3/25/2002	5/8/2017	38.70124	-121.345319
233	3410013-016	CR6	FALSE	0.308	4	0.667	no trend	8.7	1.02	3/25/2002	2/13/2018	38.709473	-121.292244
247	3410013-019	CR6	FALSE	0.089	-6	-1	no trend	8.7	-1.7	3/25/2002	10/19/2017	38.700287	-121.330955
189	3410013-023	CR6	FALSE	0.221	6	0.6	no trend	16.7	1.22	6/5/2002	5/8/2017	38.695536	-121.313454
188	3410013-026	CR6	FALSE	0.462	-4	-0.4	no trend	16.7	-0.73	3/25/2002	5/8/2017	38.701667	-121.344722
119	3410013-027	CR6	FALSE	1	0	0	no trend	8.7	0	3/25/2002	5/7/2014	38.709413	-121.317252
165	3410013-028	CR6	FALSE	1	0	0	no trend	8.7	0	6/5/2002	5/8/2017	38.698857	-121.32618
3103	3410018-016	CR6	FALSE	0.617	-8	-0.121	no trend	196	-0.5	1/28/2014	6/27/2019	38.67821521	-121.4400672
3104	3410018-017	CR6	FALSE	1	-1	-0.018	no trend	148.3	0	4/16/2014	6/27/2019	38.70652939	-121.4385374
3105	3410018-018	CR6	FALSE	0.221	-6	-0.6	no trend	16.7	-1.22	4/16/2014	3/13/2018	38.699946	-121.448704
3106	3410018-019	CR6	FALSE	0.331	-15	-0.227	no trend	207	-0.97	1/28/2014	6/27/2019	38.6908207	-121.4118831

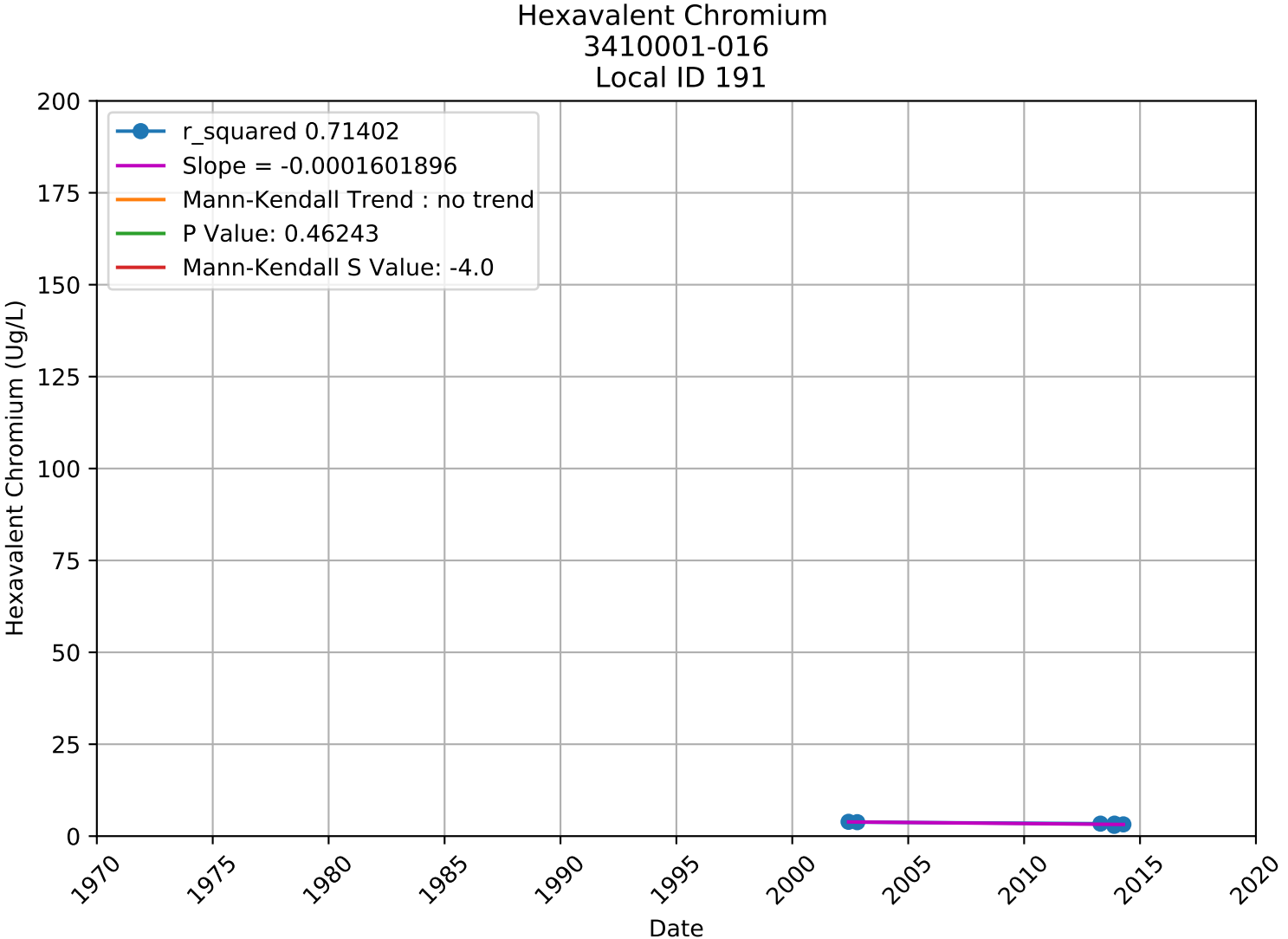
3107	3410018-020	CR6	FALSE	0.221	-6	-0.6	no trend	16.7	-1.22	4/16/2014	3/14/2018	38.683913	-121.457232
3108	3410018-021	CR6	FALSE	0.65	6	0.133	no trend	121.3	0.45	4/16/2014	6/27/2019	38.67497323	-121.459362
3109	3410018-022	CR6	FALSE	1	0	0	no trend	124	0	1/28/2014	6/27/2019	38.68524743	-121.4196703
3110	3410018-023	CR6	FALSE	1	0	0	no trend	16.7	0	1/28/2014	3/14/2018	38.6887253	-121.4487616
3111	3410018-025	CR6	FALSE	0.346	-32	-0.152	no trend	1084	-0.94	5/2/2011	6/27/2019	38.697725	-121.39672
3101	3410018-031	CR6	FALSE	0.328	-17	-0.218	no trend	267.7	-0.98	4/16/2014	6/27/2019	38.69494633	-121.4521593
3102	3410018-033	CR6	FALSE	0.462	-4	-0.4	no trend	16.7	-0.73	4/16/2014	3/26/2019	38.683947	-121.462511
84	3410020-018	CR6	FALSE	0.755	-5	-0.091	no trend	165	-0.31	7/8/2002	7/10/2017	38.627831	-121.477227
171	3410020-034	CR6	FALSE	0.917	2	0.056	no trend	92	0.1	7/9/2002	7/10/2017	38.638412	-121.446721
73	3410020-035	CR6	FALSE	0.649	4	0.19	no trend	43.3	0.46	7/9/2002	7/10/2017	38.639934	-121.427293
133	3410020-037	CR6	FALSE	0.213	-17	-0.309	no trend	165	-1.25	7/8/2002	7/10/2017	38.651207	-121.469509
264	3410020-038	CR6	FALSE	0.276	15	0.273	no trend	165	1.09	7/10/2002	7/10/2017	38.647475	-121.459256
56	3410020-040	CR6	FALSE	1	-1	-0.028	no trend	91	0	7/9/2002	7/10/2017	38.629597	-121.420726
278	3410020-041	CR6	FALSE	0.876	-3	-0.055	no trend	165	-0.16	7/9/2002	7/10/2017	38.641387	-121.435795
157	3410020-050	CR6	FALSE	0.734	-2	-0.333	no trend	8.7	-0.34	7/10/2002	11/3/2015	38.668053	-121.438012
91	3410020-056	CR6	FALSE	0.902	-2	-0.071	no trend	65.3	-0.12	7/10/2002	7/10/2017	38.654657	-121.448564
291	3410020-057	CR6	FALSE	0.673	14	0.074	no trend	950	0.42	12/2/2002	7/10/2017	38.658482	-121.466415
206	3410031-001	CR6	FALSE	0.734	-2	-0.333	no trend	8.7	-0.34	3/25/2002	5/9/2017	38.720833	-121.358333
190	3410031-002	CR6	FALSE	0.308	-4	-0.667	no trend	8.7	-1.02	6/4/2002	5/8/2017	38.717222	-121.3575
94	3410031-003	CR6	FALSE	0.183	42	0.221	no trend	950	1.33	3/25/2002	8/6/2019	38.7	-121.383333
221	3410031-004	CR6	FALSE	0.734	-2	-0.333	no trend	8.7	-0.34	3/25/2002	8/17/2017	38.718056	-121.382222
61	3410031-005	CR6	FALSE	0.064	-46	-0.338	no trend	589.3	-1.85	3/25/2002	5/2/2018	38.716667	-121.4
160	3410031-006	CR6	FALSE	0.401	-25	-0.146	no trend	815	-0.84	3/25/2002	8/6/2019	38.708333	-121.383611
2073	3410031-007	CR6	FALSE	1	0	0	no trend	8.7	0	3/25/2002	5/11/2017	38.733333	-121.35
2056	3410031-008	CR6	FALSE	0.734	2	0.333	no trend	8.7	0.34	6/5/2002	5/11/2017	38.733333	-121.35
208	3410031-009	CR6	FALSE	1	0	0	no trend	8.7	0	6/4/2002	5/8/2017	38.715278	-121.378056
72	3410031-010	CR6	FALSE	1	0	0	no trend	8.7	0	6/4/2002	5/9/2017	38.705	-121.365556
289	3410031-011	CR6	FALSE	0.755	-5	-0.091	no trend	165	-0.31	6/4/2002	11/5/2018	38.726944	-121.3825
135	3410031-012	CR6	FALSE	0.732	6	0.091	no trend	212.7	0.34	6/4/2002	8/8/2019	38.721111	-121.368611
45	3410031-013	CR6	FALSE	0.089	-6	-1	no trend	8.7	-1.7	3/25/2002	5/8/2017	38.711667	-121.413889
54	3410031-014	CR6	FALSE	0.308	-4	-0.667	no trend	8.7	-1.02	6/4/2002	5/8/2017	38.716111	-121.408889
241	3410031-016	CR6	FALSE	0.734	-2	-0.333	no trend	8.7	-0.34	6/4/2002	5/8/2017	38.724444	-121.336111
80	3410031-017	CR6	FALSE	1	0	0	no trend	8.7	0	6/4/2002	5/8/2017	38.723056	-121.349722
257	3410031-018	CR6	FALSE	0.308	-4	-0.667	no trend	8.7	-1.02	3/25/2002	5/9/2017	38.716389	-121.371944
288	3410045-001	CR6	FALSE	1	0	0	no trend	8.7	0	6/5/2002	5/9/2017	38.586137	-121.411513
138	3410045-002	CR6	FALSE	1	0	0	no trend	8.7	0	6/4/2002	5/9/2017	38.583085	-121.413054
116	3410045-003	CR6	FALSE	0.089	6	1	no trend	8.7	1.7	6/4/2002	5/9/2017	38.594423	-121.417465
96	3410045-005	CR6	FALSE	1	0	0	no trend	8.7	0	6/4/2002	5/9/2017	38.600025	-121.410183
2909	5105013-001	CR6	FALSE	0.128	-9	-0.429	no trend	27.7	-1.52	2/29/2016	10/9/2017	38.781319	-121.484797
1075	SL185602928-EX-1	CR6	FALSE	0.692	-9	-0.086	no trend	408.3	-0.4	3/21/2006	6/24/2010	38.5948499	-121.3917114
1374	SL185602928-F-1	CR6	FALSE	0.06	-39	-0.371	no trend	408.3	-1.88	6/27/2007	9/19/2012	38.5967632	-121.3919666
935	SL185602928-F-10	CR6	FALSE	0.124	-35	-0.292	no trend	489.7	-1.54	3/22/2007	9/20/2012	38.5972826	-121.3912015
1345	SL185602928-F-2	CR6	FALSE	0.107	19	0.422	no trend	125	1.61	6/27/2007	6/25/2010	38.5967632	-121.3917771
846	SL185602928-F-3	CR6	FALSE	0.876	3	0.055	no trend	165	0.16	3/22/2007	6/25/2010	38.5967603	-121.3915766
1385	SL185602928-F-4	CR6	FALSE	0.161	-19	-0.345	no trend	165	-1.4	3/22/2007	6/25/2010	38.5967465	-121.3913754
1470	SL185602928-F-5	CR6	FALSE	0.834	7	0.041	no trend	817	0.21	3/22/2007	9/20/2012	38.5967608	-121.3911558
1422	SL185602928-F-6	CR6	TRUE	0	-82	-0.683	decreasing	493.3	-3.65	3/22/2007	9/19/2012	38.5972848	-121.3920357
971	SL185602928-F-7	CR6	FALSE	1	1	0.018	no trend	165	0	3/22/2007	6/28/2010	38.5972856	-121.3918353
1580	SL185602928-F-8	CR6	FALSE	0.913	3	0.033	no trend	333.7	0.11	3/22/2007	9/20/2012	38.5972826	-121.3916167
1298	SL185602928-F-9	CR6	FALSE	0.544	-17	-0.111	no trend	697	-0.61	3/22/2007	9/20/2012	38.5972862	-121.3913874
1369	SL185602928-SP-1A	CR6	FALSE	0.079	-40	-0.333	no trend	493.3	-1.76	3/21/2006	6/24/2010	38.594695	-121.3918783

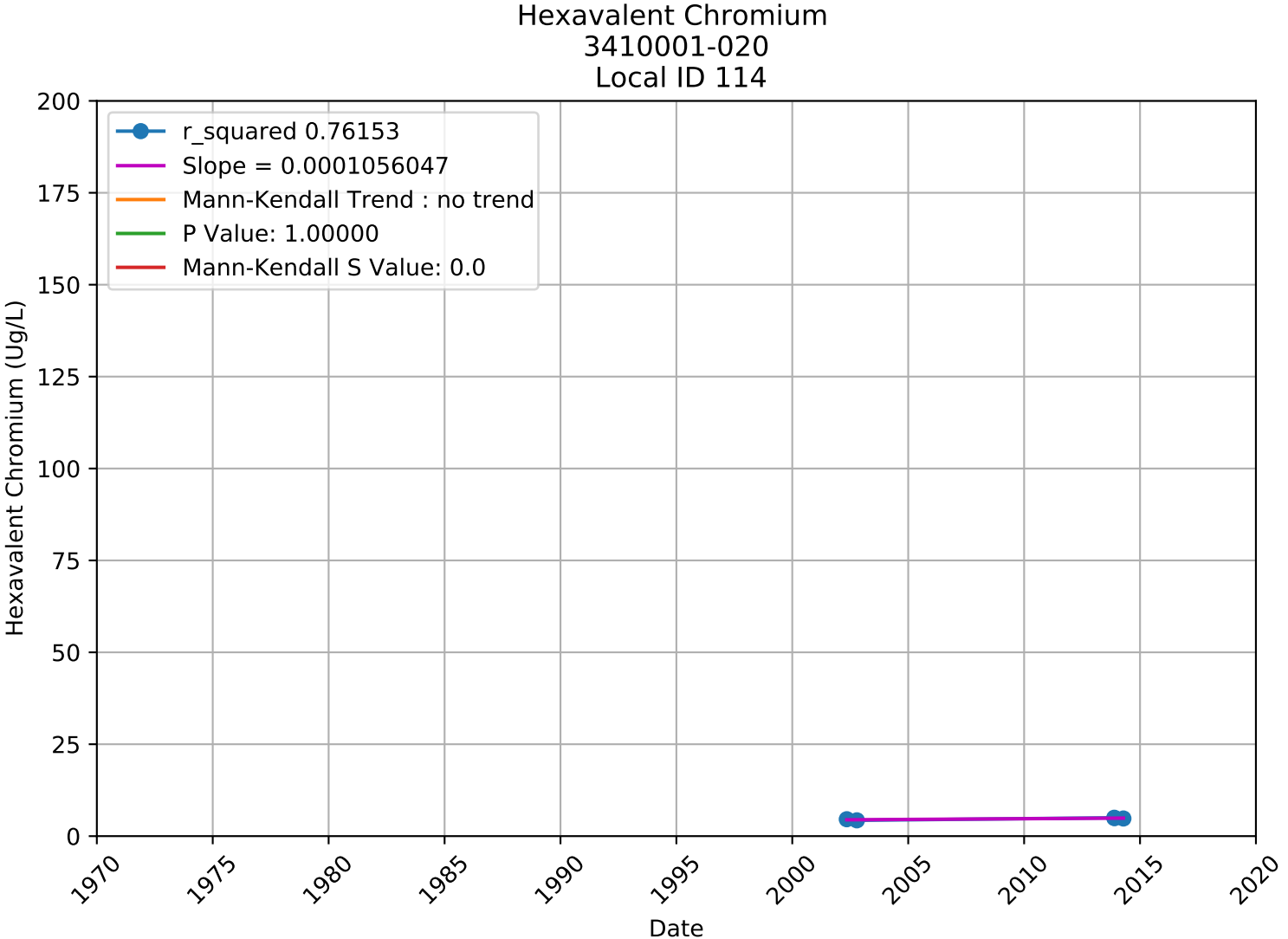

Hexavalent Chromium
3110025-005
Local ID 2064
r_squared 0.24462
Slope = 0.0002313496
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
Hexavalent Chromium (Ug/L)
Date
200
175
150
125
100
75
50
25
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

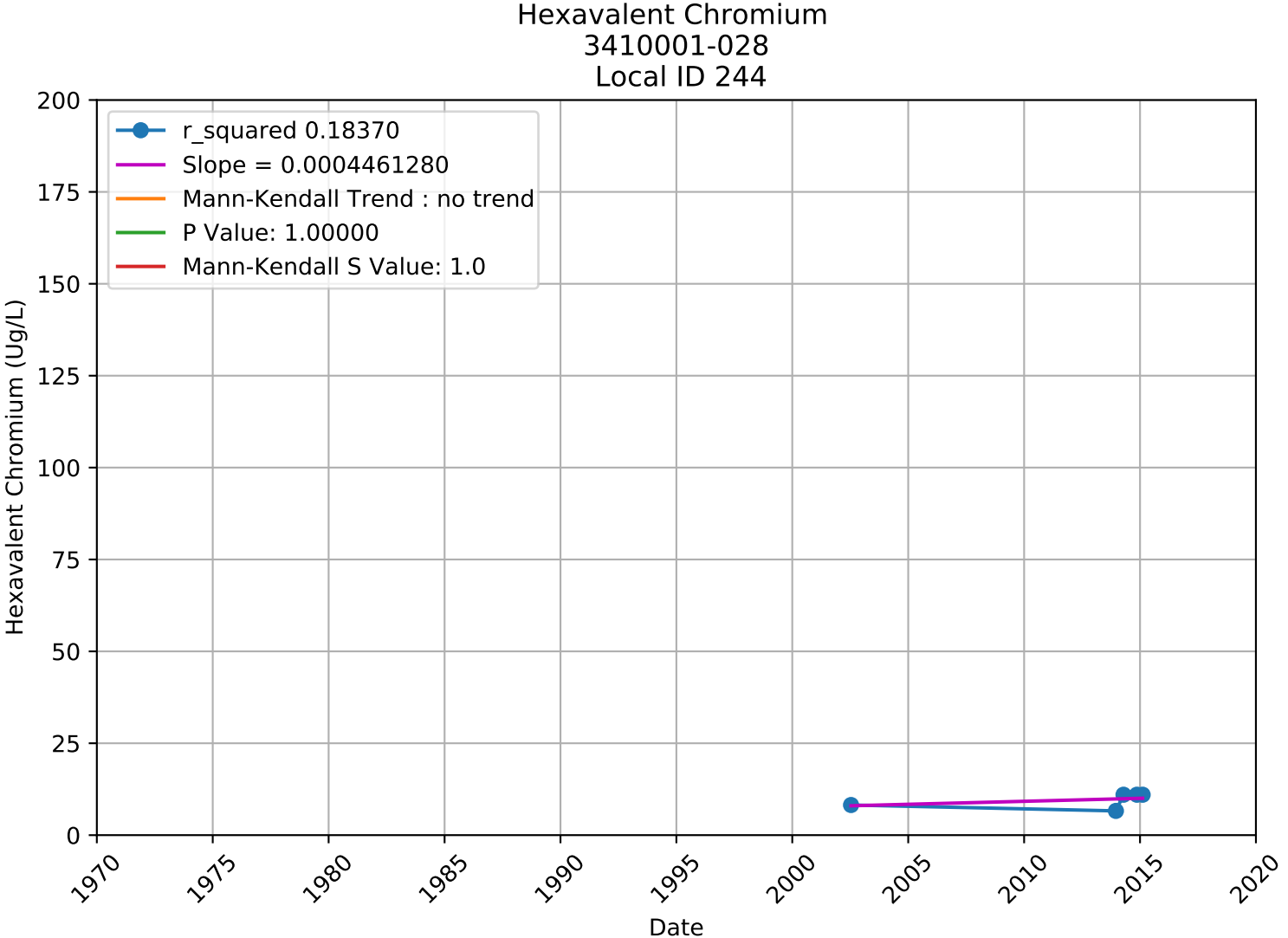

Hexavalent Chromium
3400173-002
Local ID 145
r_squared 0.04658
Slope = 0.0000879740
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Hexavalent Chromium (Ug/L)
Date
200
175
150
125
100
75
50
25
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

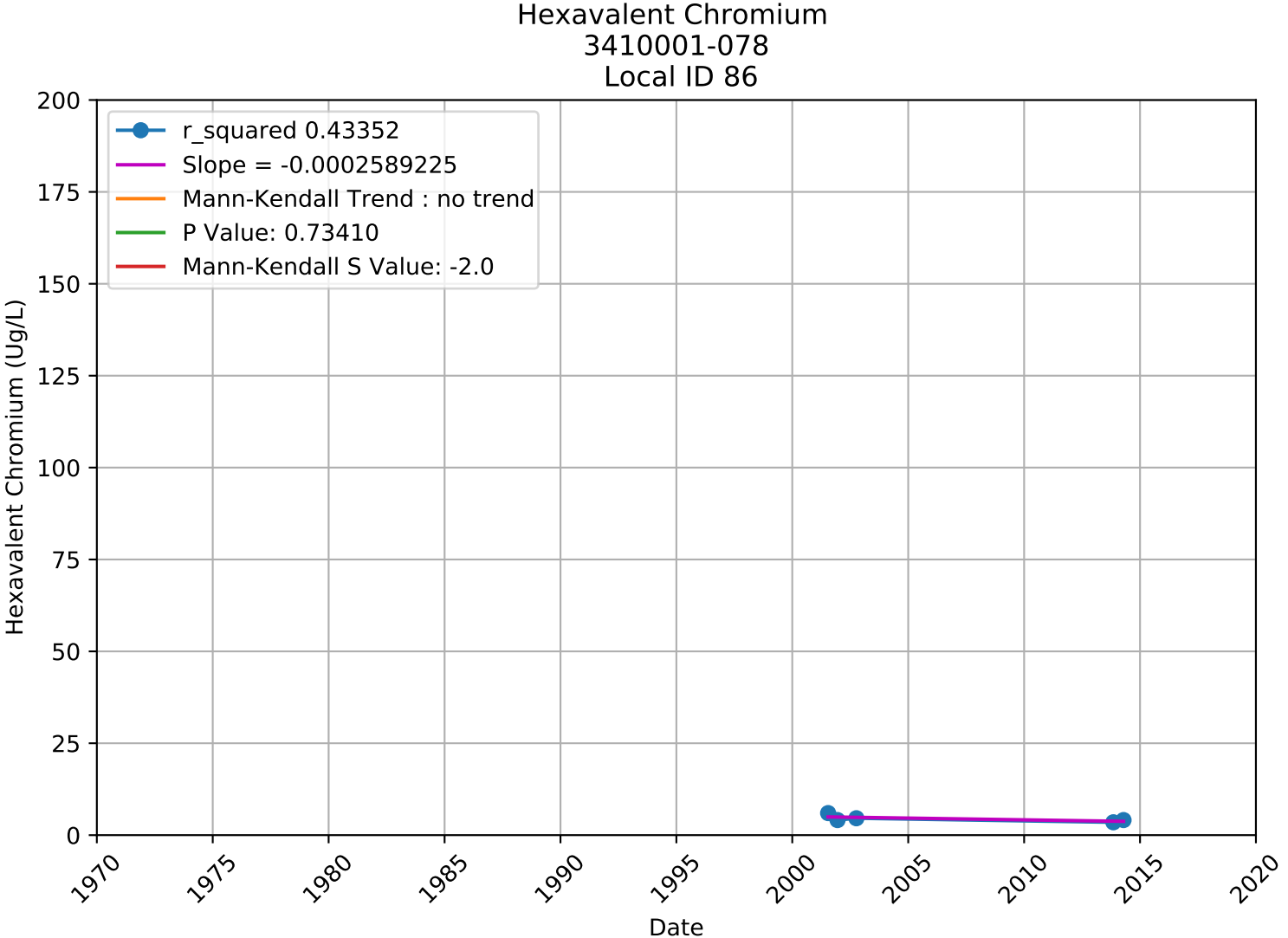

Hexavalent Chromium
3400173-003
Local ID 235
r_squared 0.79814
Slope = -0.0006935466
Mann-Kendall Trend : no trend
P Value: 0.08943
Mann-Kendall S Value: -6.0
Hexavalent Chromium (Ug/L)
Date
200
175
150
125
100
75
50
25
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

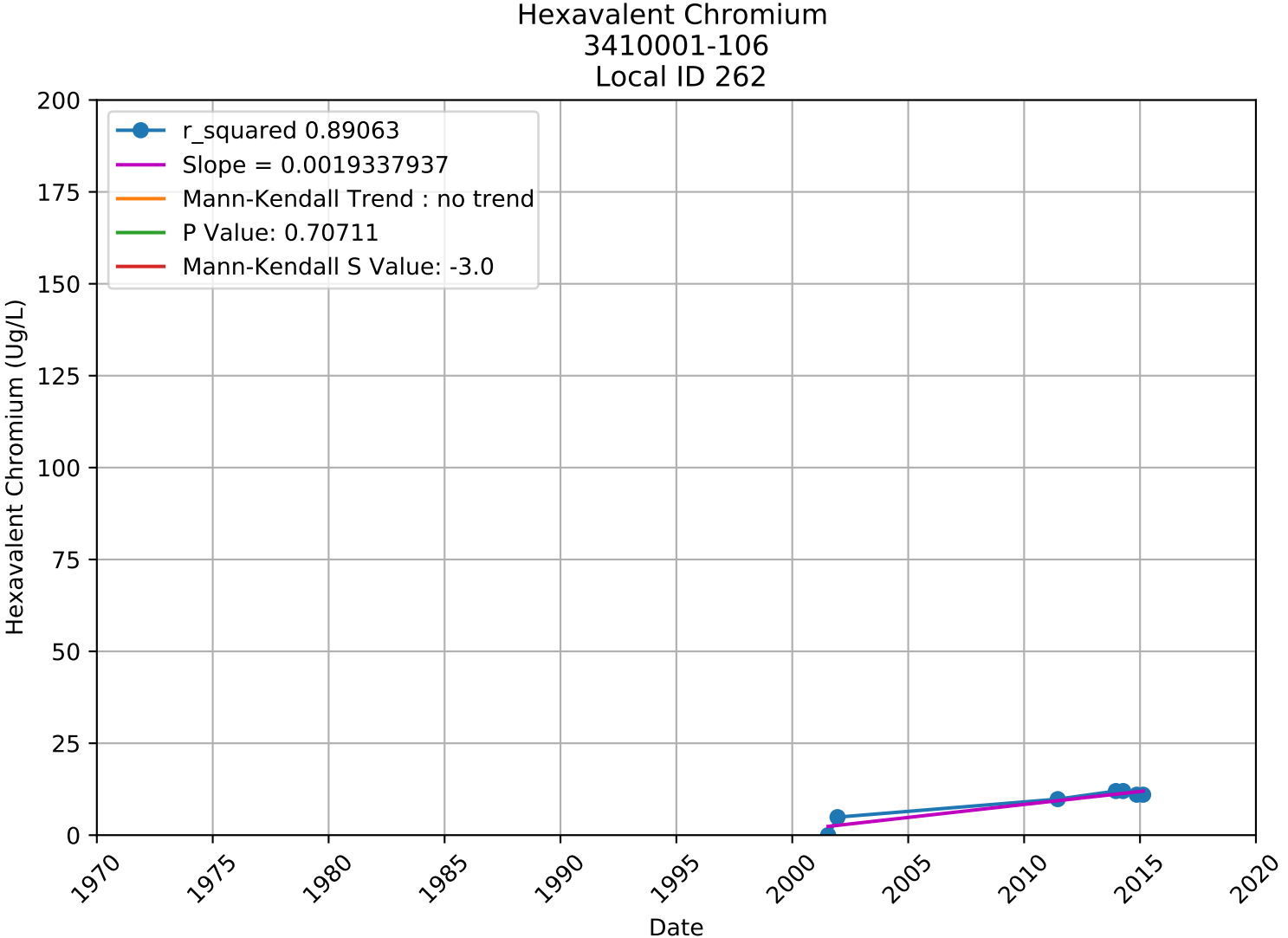

Hexavalent Chromium
3400173-005
Local ID 167
r_squared 0.36463
Slope = -0.0000857212
Mann-Kendall Trend : no trend
P Value: 0.08943
Mann-Kendall S Value: -6.0
Hexavalent Chromium (Ug/L)
Date
200
175
150
125
100
75
50
25
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

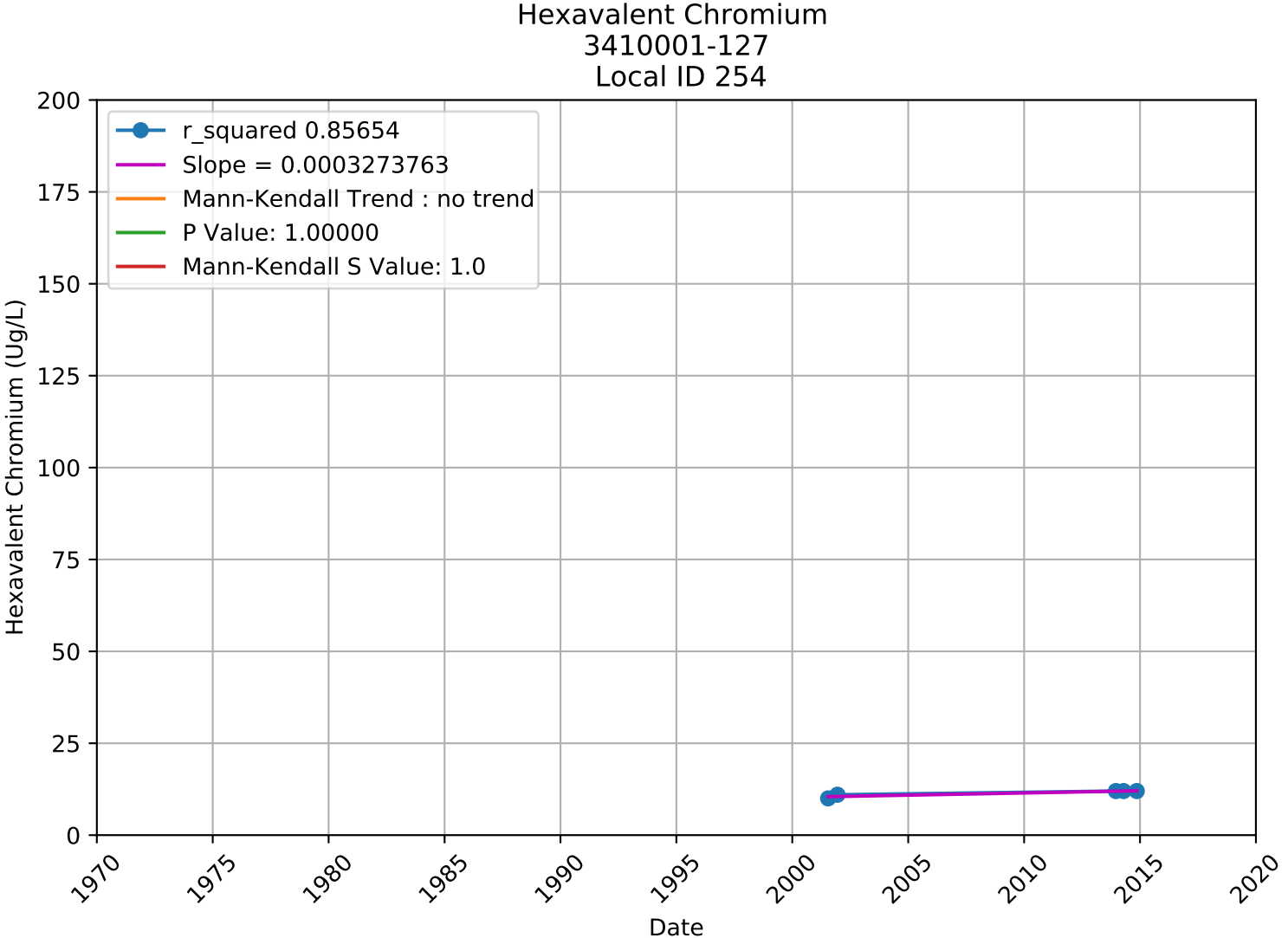

Hexavalent Chromium
3410001-016
Local ID 191
r_squared 0.71402
Slope = -0.0001601896
Mann-Kendall Trend : no trend
P Value: 0.46243
Mann-Kendall S Value: -4.0
Hexavalent Chromium (Ug/L)
Date
200
175
150
125
100
75
50
25
0
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020

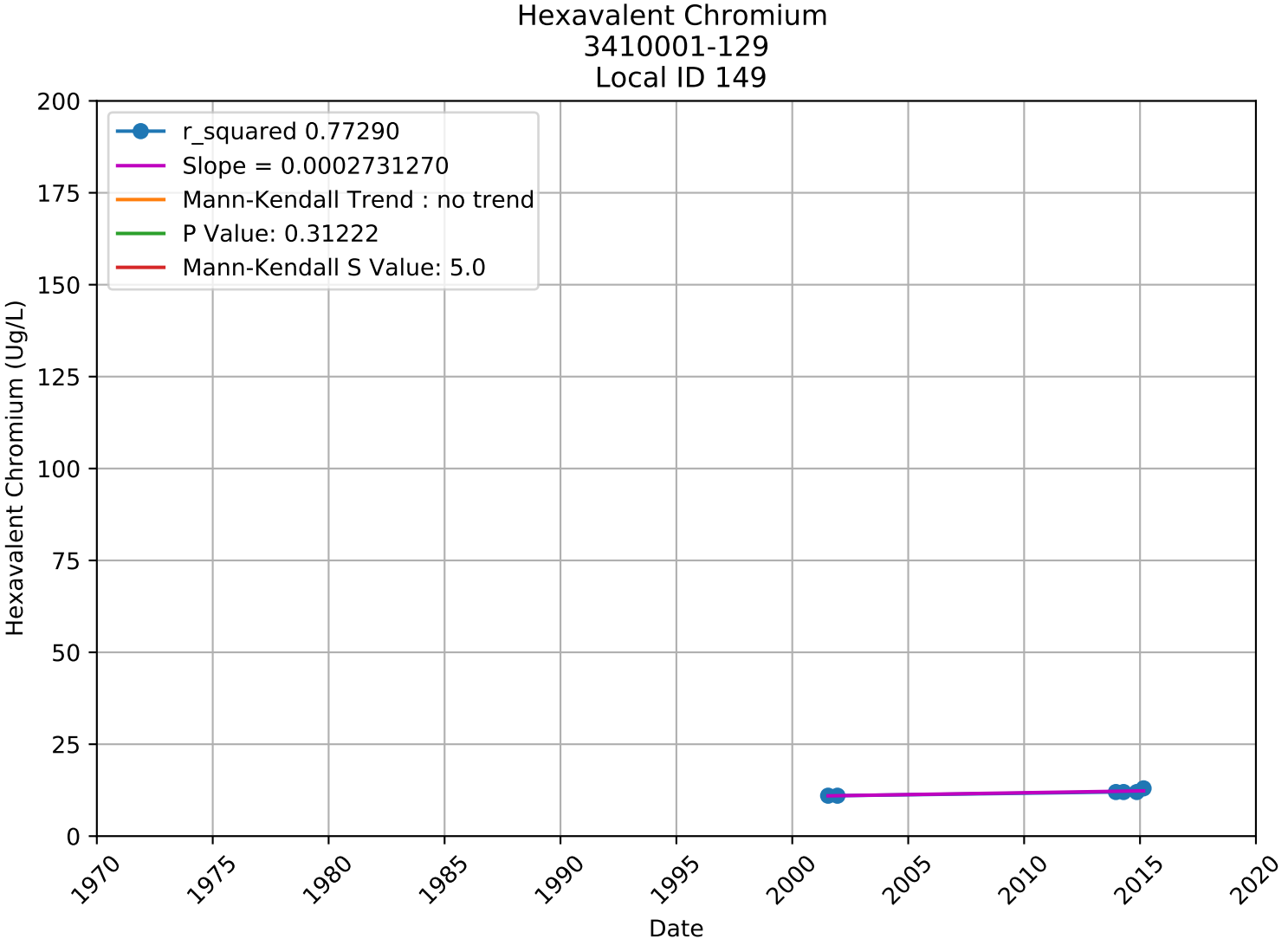

Hexavalent Chromium
3410001-020
Local ID 114
r_squared 0.76153
Slope = 0.0001056047
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Hexavalent Chromium (Ug/L)
Date
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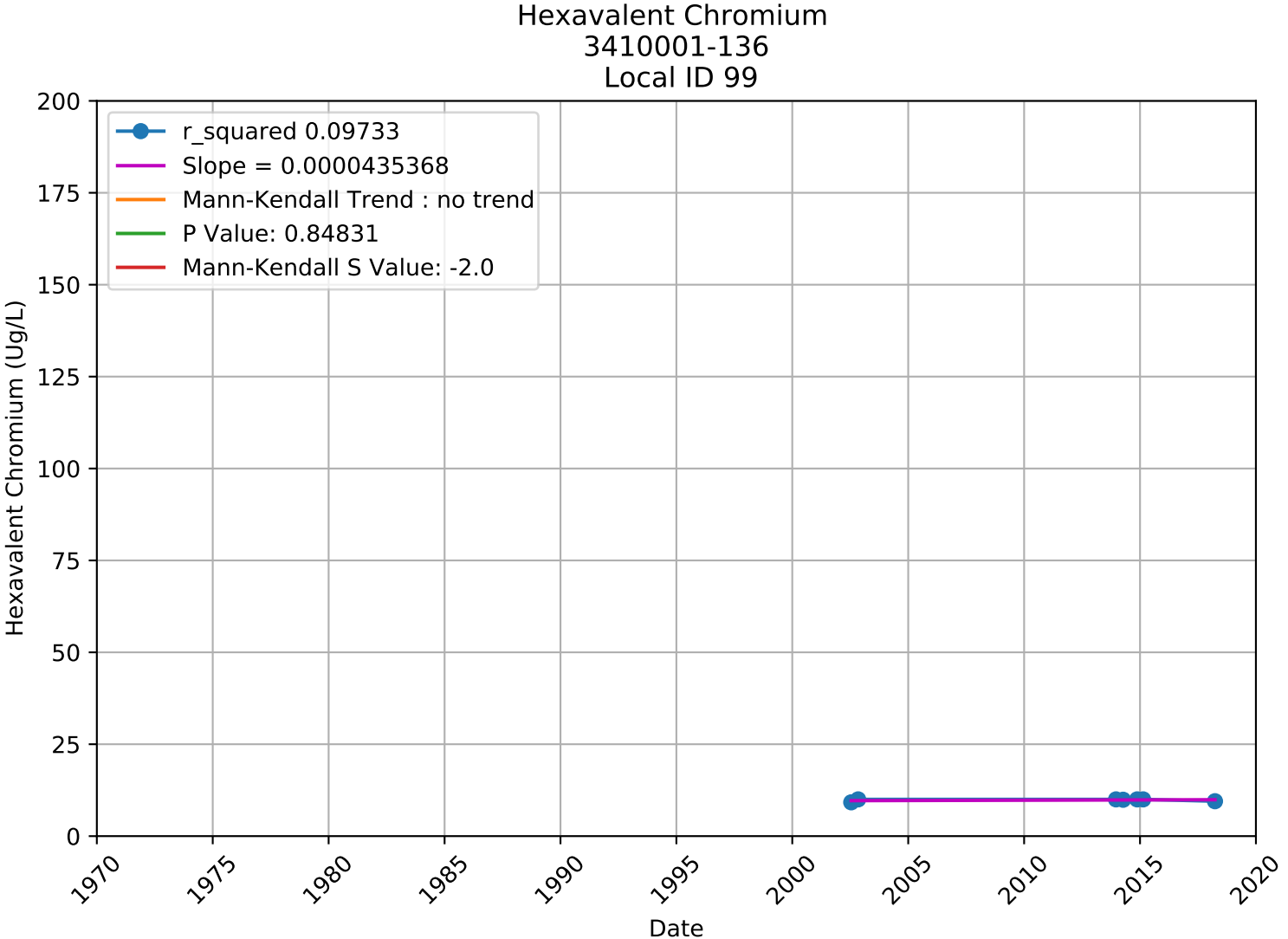

Hexavalent Chromium
3410001-028
Local ID 244
r_squared 0.18370
Slope = 0.0004461280
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
Hexavalent Chromium (Ug/L)
Date
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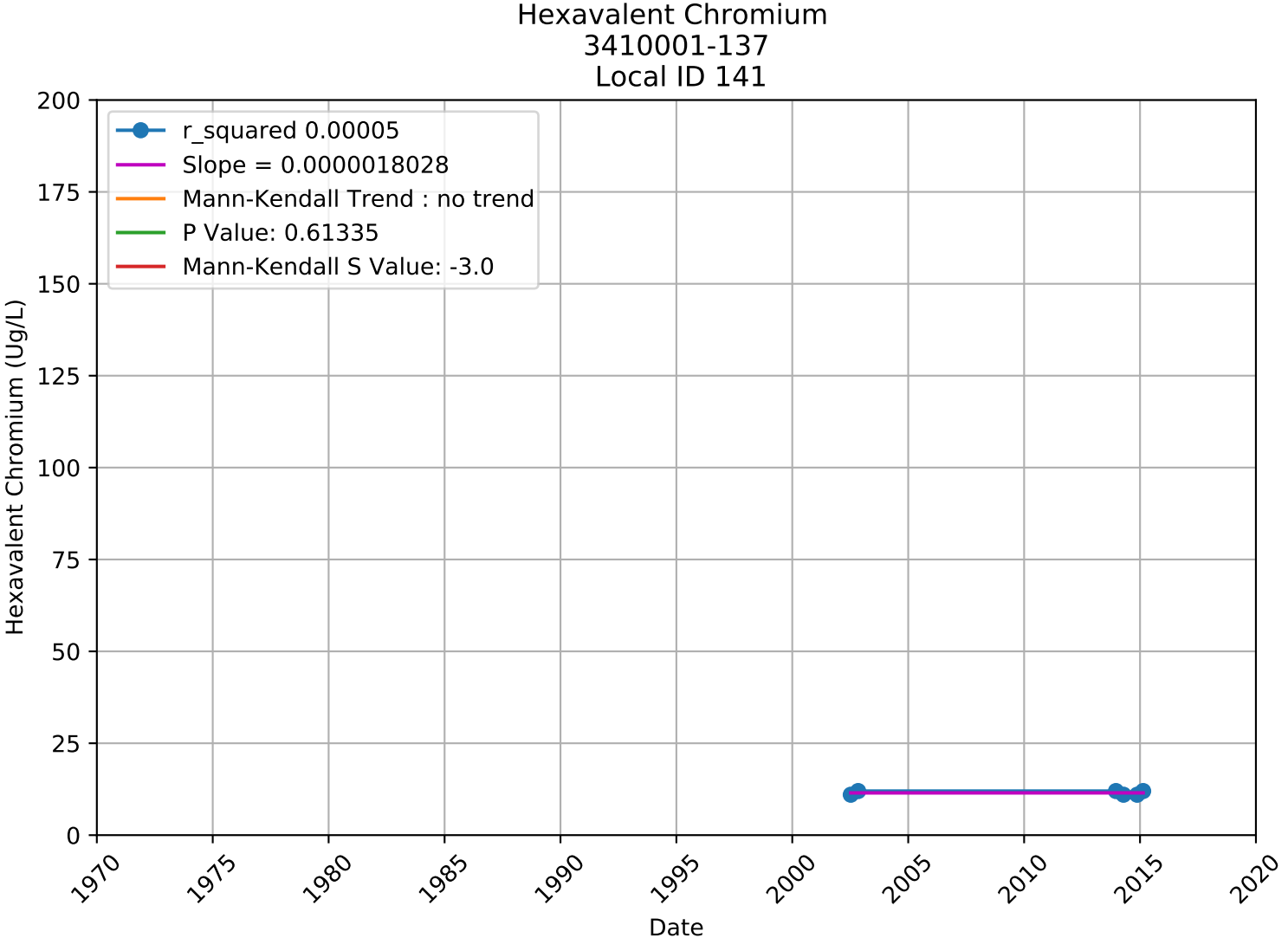

Hexavalent Chromium
3410001-078
Local ID 86
r_squared 0.43352
Slope = -0.0002589225
Mann-Kendall Trend : no trend
P Value: 0.73410
Mann-Kendall S Value: -2.0
Hexavalent Chromium (Ug/L)
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Date

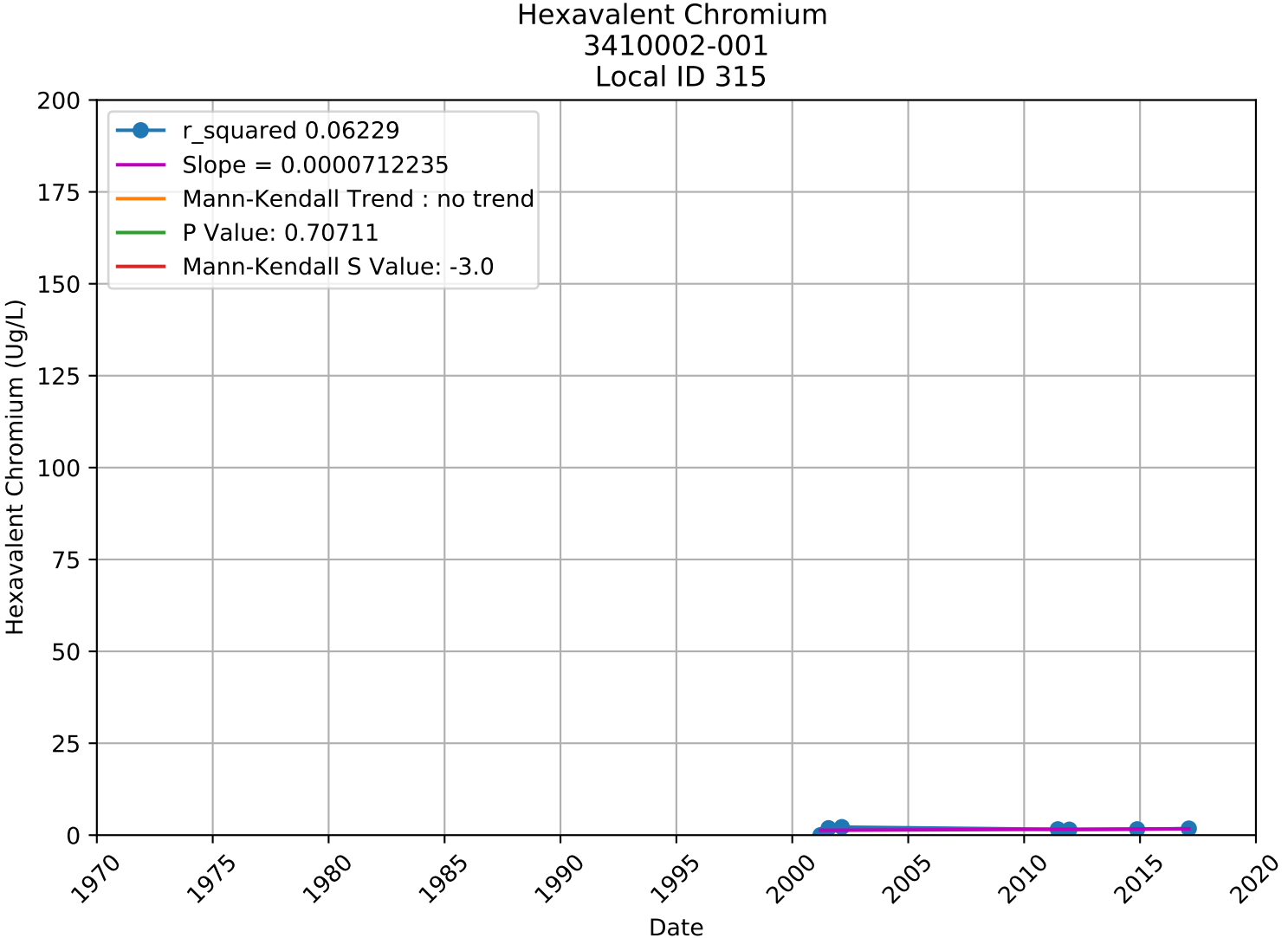

Hexavalent Chromium
3410001-106
Local ID 262
r_squared 0.89063
Slope = 0.0019337937
Mann-Kendall Trend : no trend
P Value: 0.70711
Mann-Kendall S Value: -3.0
Hexavalent Chromium (Ug/L)
Date
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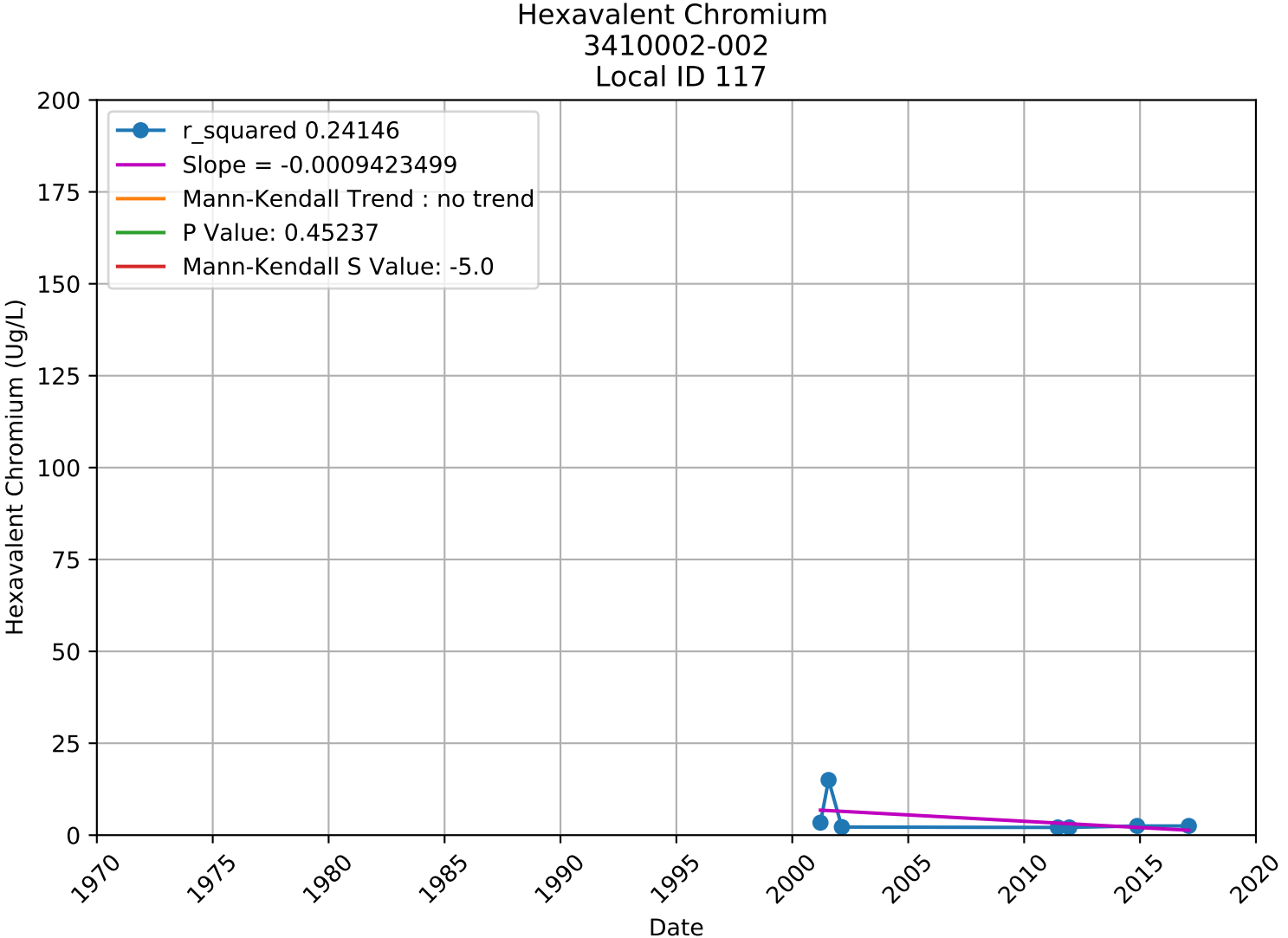

Hexavalent Chromium
3410001-127
Local ID 254
r_squared 0.85654
Slope = 0.0003273763
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
Hexavalent Chromium (Ug/L)
Date
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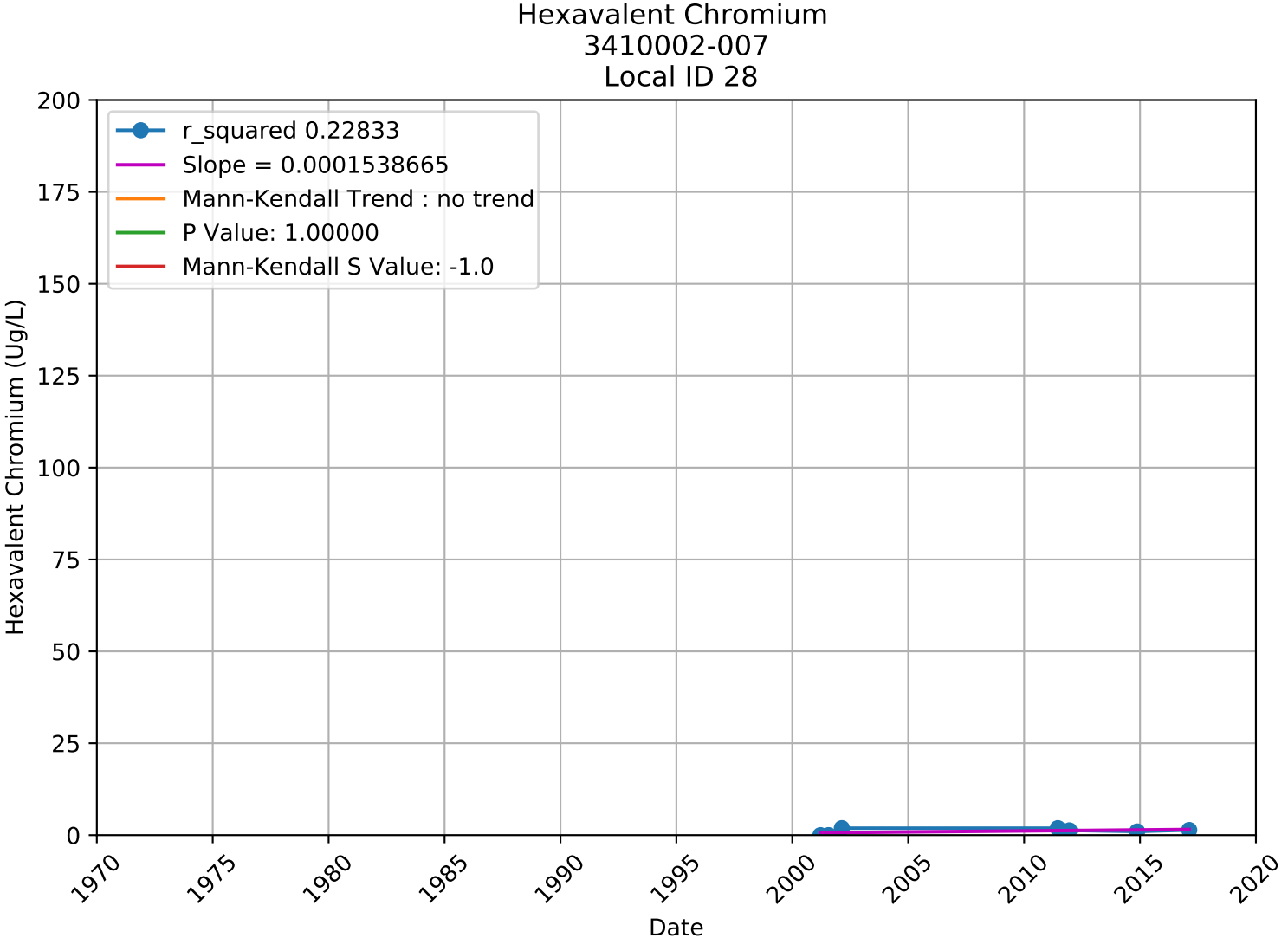

Hexavalent Chromium
3410001-129
Local ID 149
r_squared 0.77290
Slope = 0.0002731270
Mann-Kendall Trend : no trend
P Value: 0.31222
Mann-Kendall S Value: 5.0
Hexavalent Chromium (Ug/L)
Date
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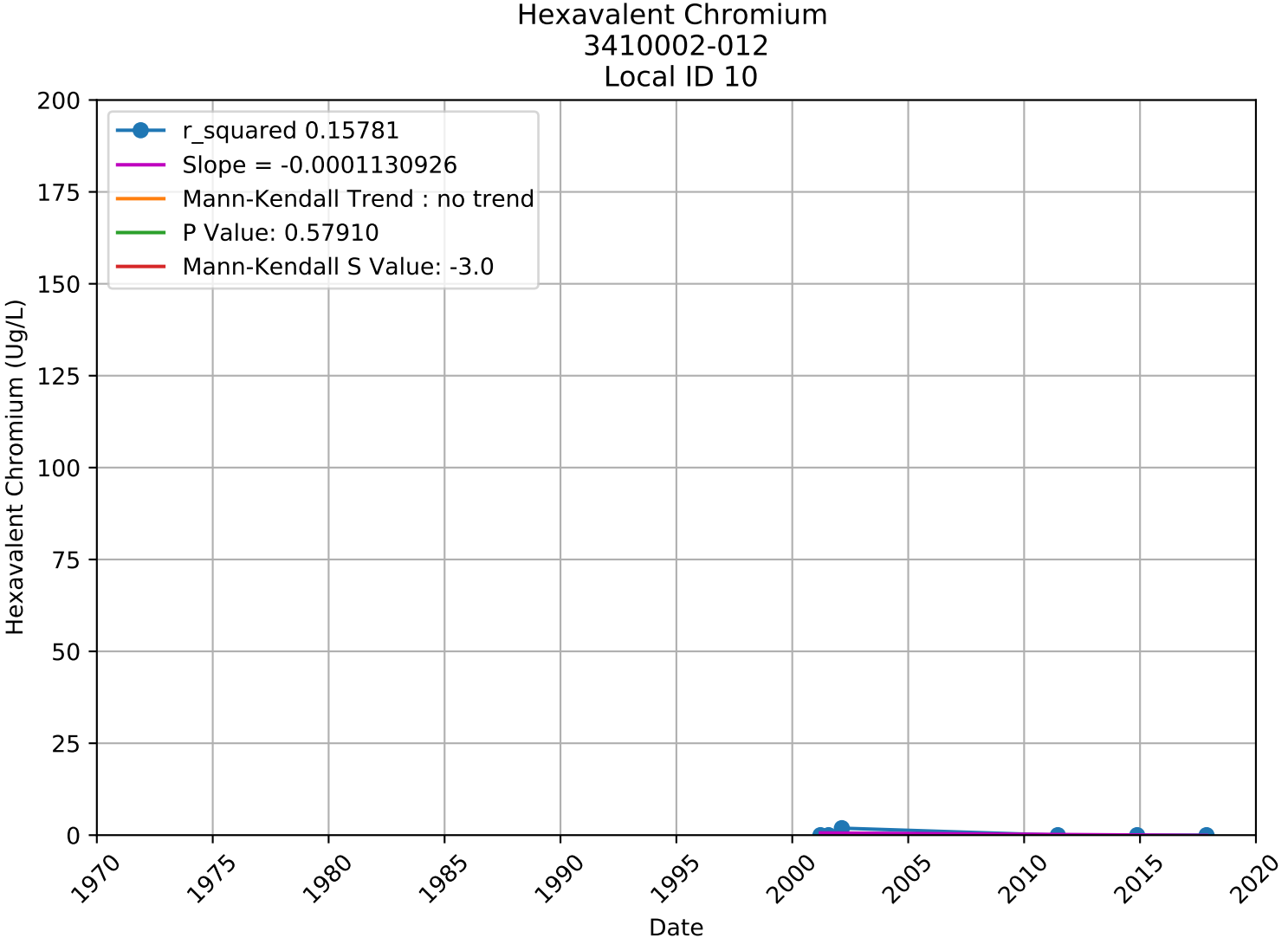

Hexavalent Chromium
3410001-136
Local ID 99
r_squared 0.09733
Slope = 0.0000435368
Mann-Kendall Trend : no trend
P Value: 0.84831
Mann-Kendall S Value: -2.0
Hexavalent Chromium (Ug/L)
Date
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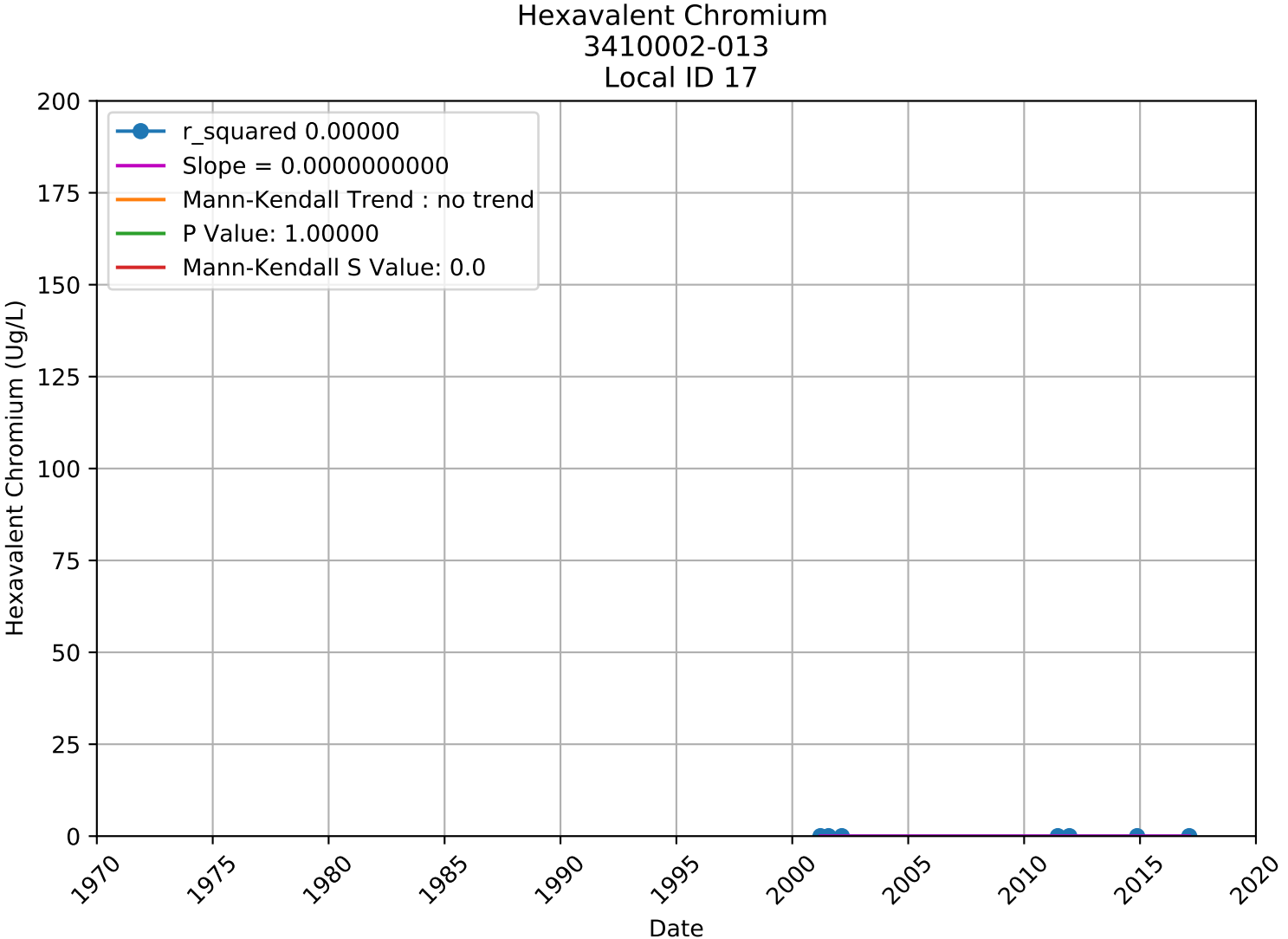

Hexavalent Chromium
3410001-137
Local ID 141
r_squared 0.00005
Slope = 0.0000018028
Mann-Kendall Trend : no trend
P Value: 0.61335
Mann-Kendall S Value: -3.0
Hexavalent Chromium (Ug/L)
Date
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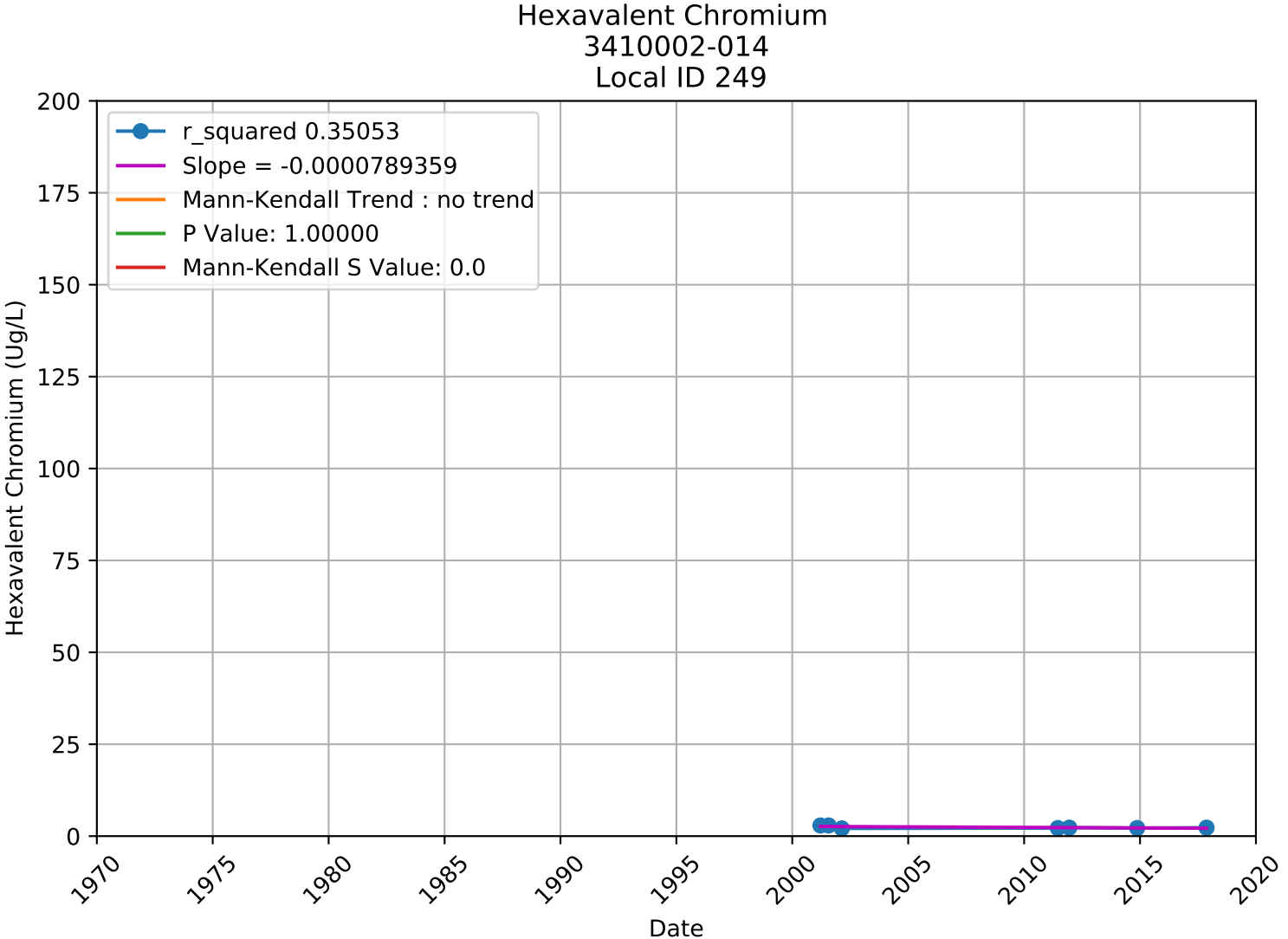

Hexavalent Chromium
3410002-001
Local ID 315
r_squared 0.06229
Slope = 0.0000712235
Mann-Kendall Trend : no trend
P Value: 0.70711
Mann-Kendall S Value: -3.0
Hexavalent Chromium (Ug/L)
Date
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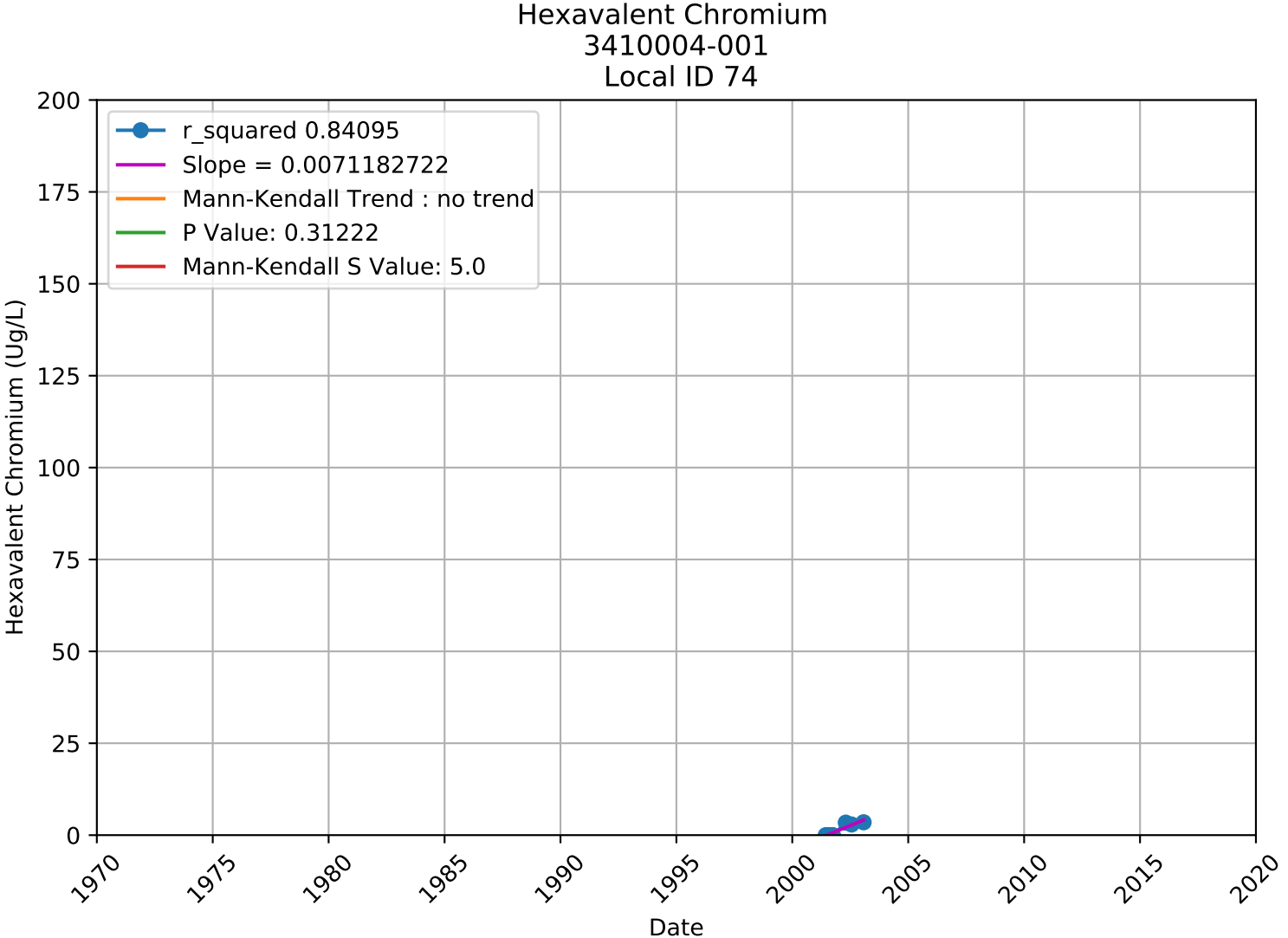

Hexavalent Chromium
3410002-002
Local ID 117
r_squared 0.24146
Slope = -0.0009423499
Mann-Kendall Trend : no trend
P Value: 0.45237
Mann-Kendall S Value: -5.0
Hexavalent Chromium (Ug/L)
Date
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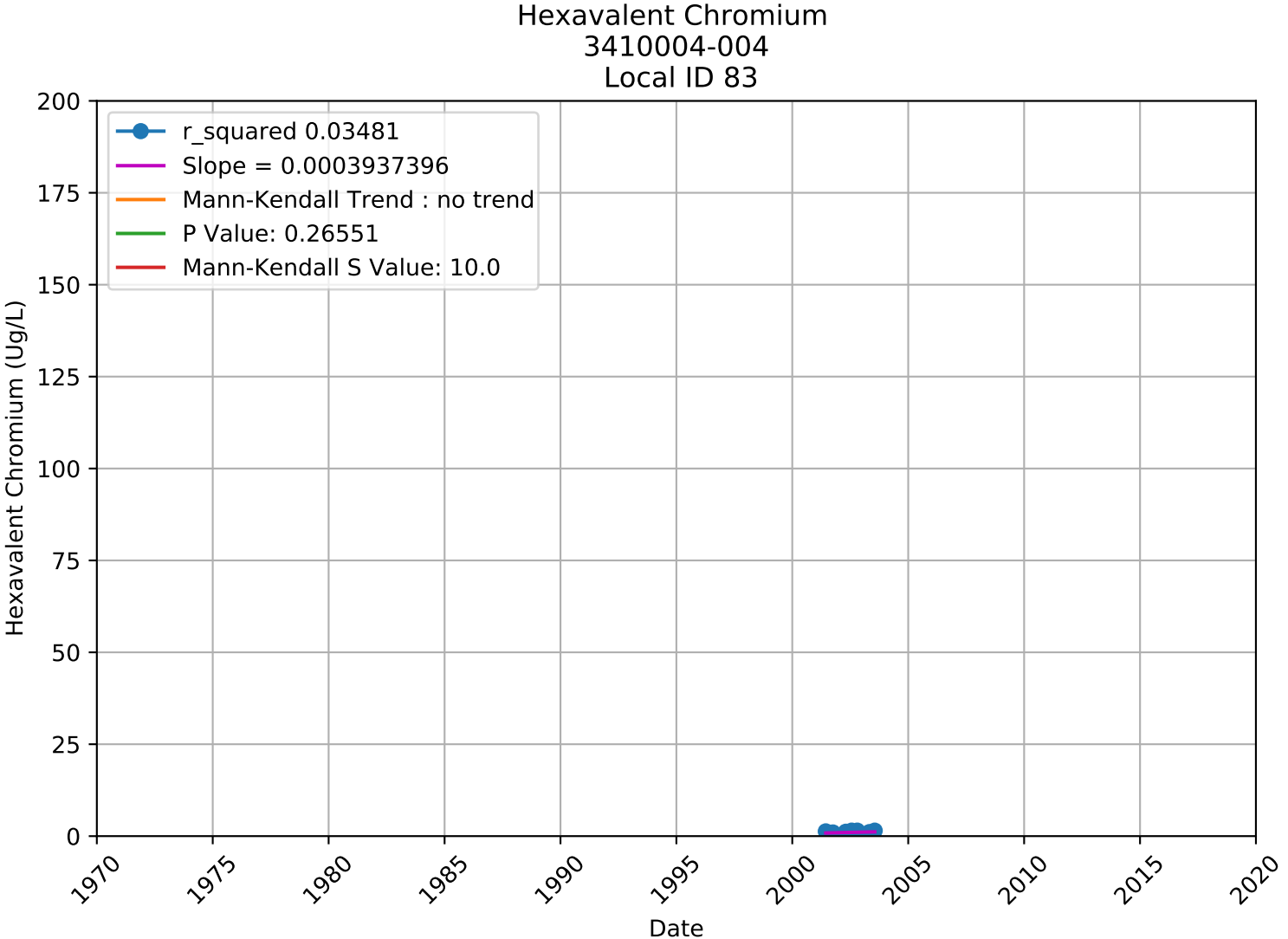

Hexavalent Chromium
3410002-007
Local ID 28
r_squared 0.22833
Slope = 0.0001538665
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
Hexavalent Chromium (Ug/L)
Date
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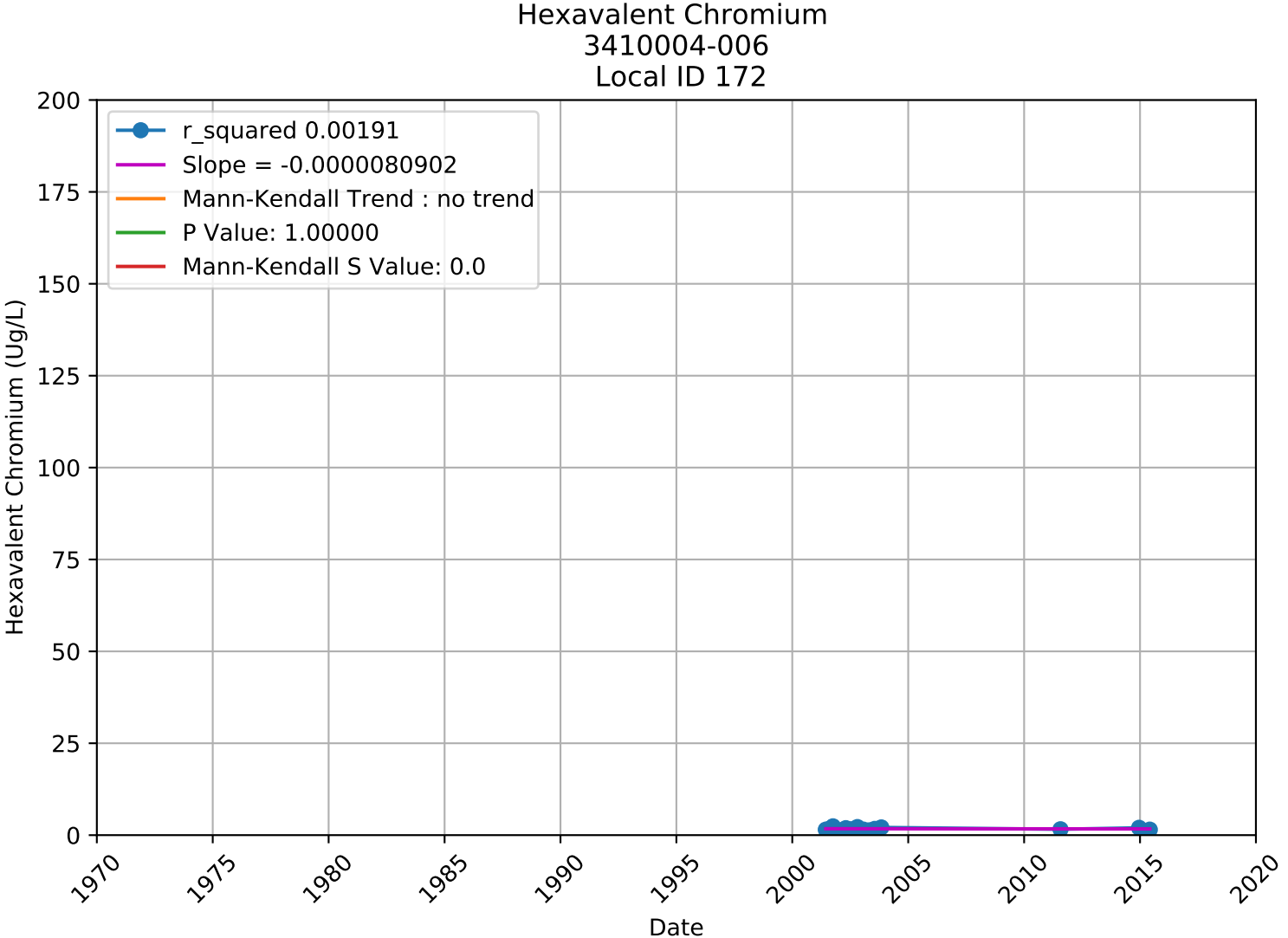

Hexavalent Chromium
3410002-012
Local ID 10
r_squared 0.15781
Slope = -0.0001130926
Mann-Kendall Trend : no trend
P Value: 0.57910
Mann-Kendall S Value: -3.0
Hexavalent Chromium (Ug/L)
Date
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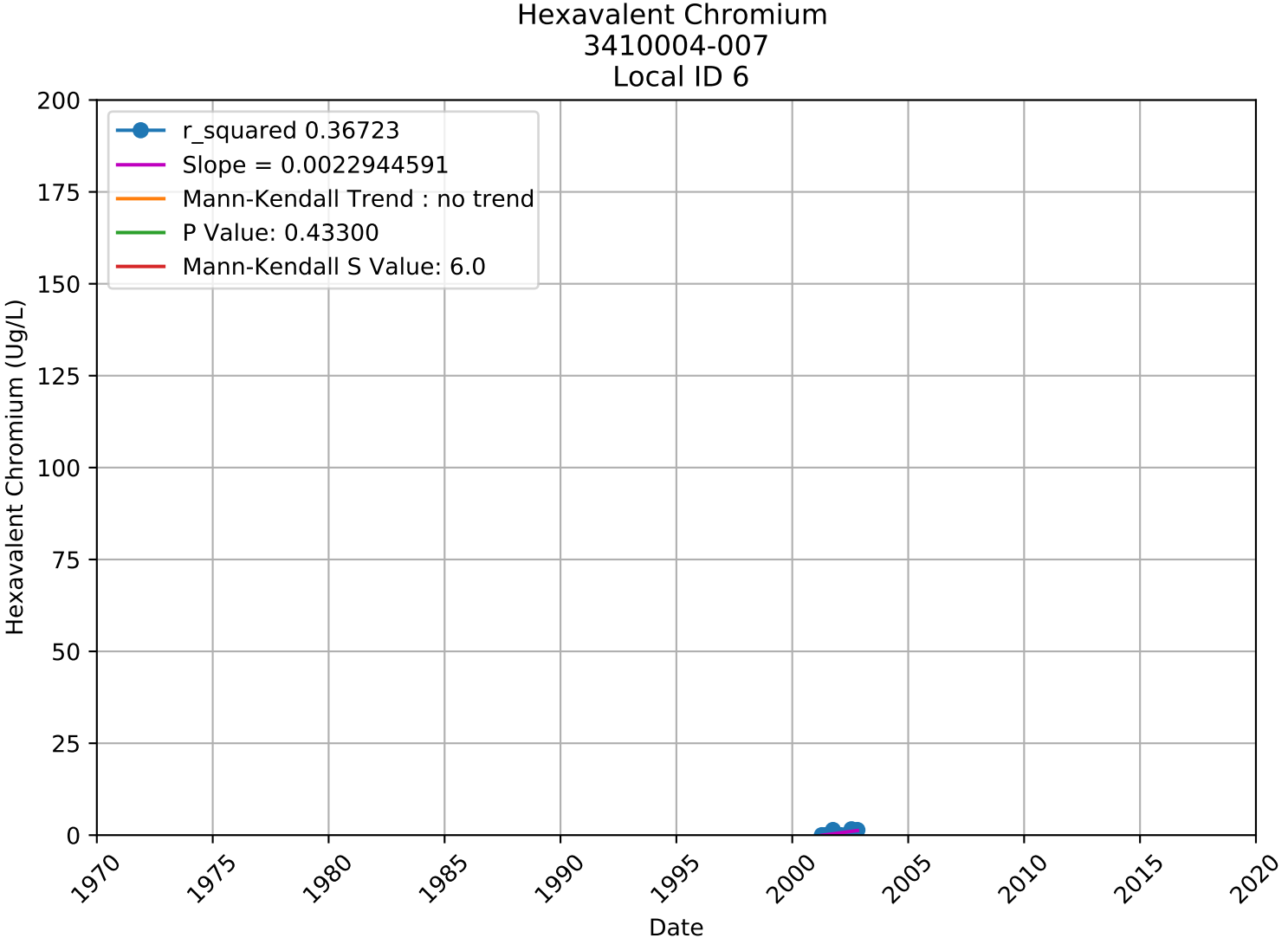

Hexavalent Chromium
3410002-013
Local ID 17
r_squared 0.00000
Slope = 0.0000000000
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Hexavalent Chromium (Ug/L)
Date
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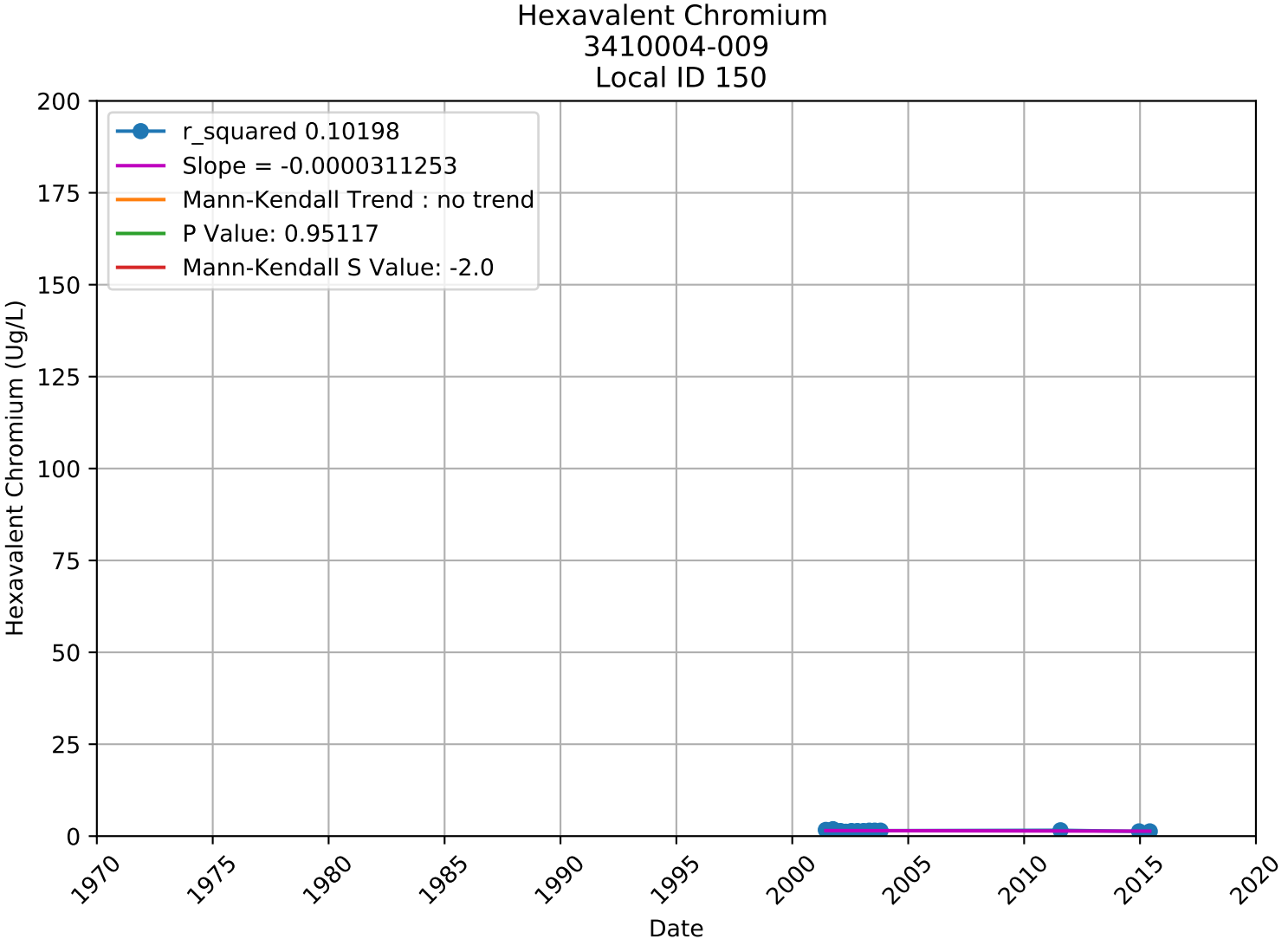

Hexavalent Chromium
3410002-014
Local ID 249
r_squared 0.35053
Slope = -0.0000789359
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Hexavalent Chromium (Ug/L)
Date
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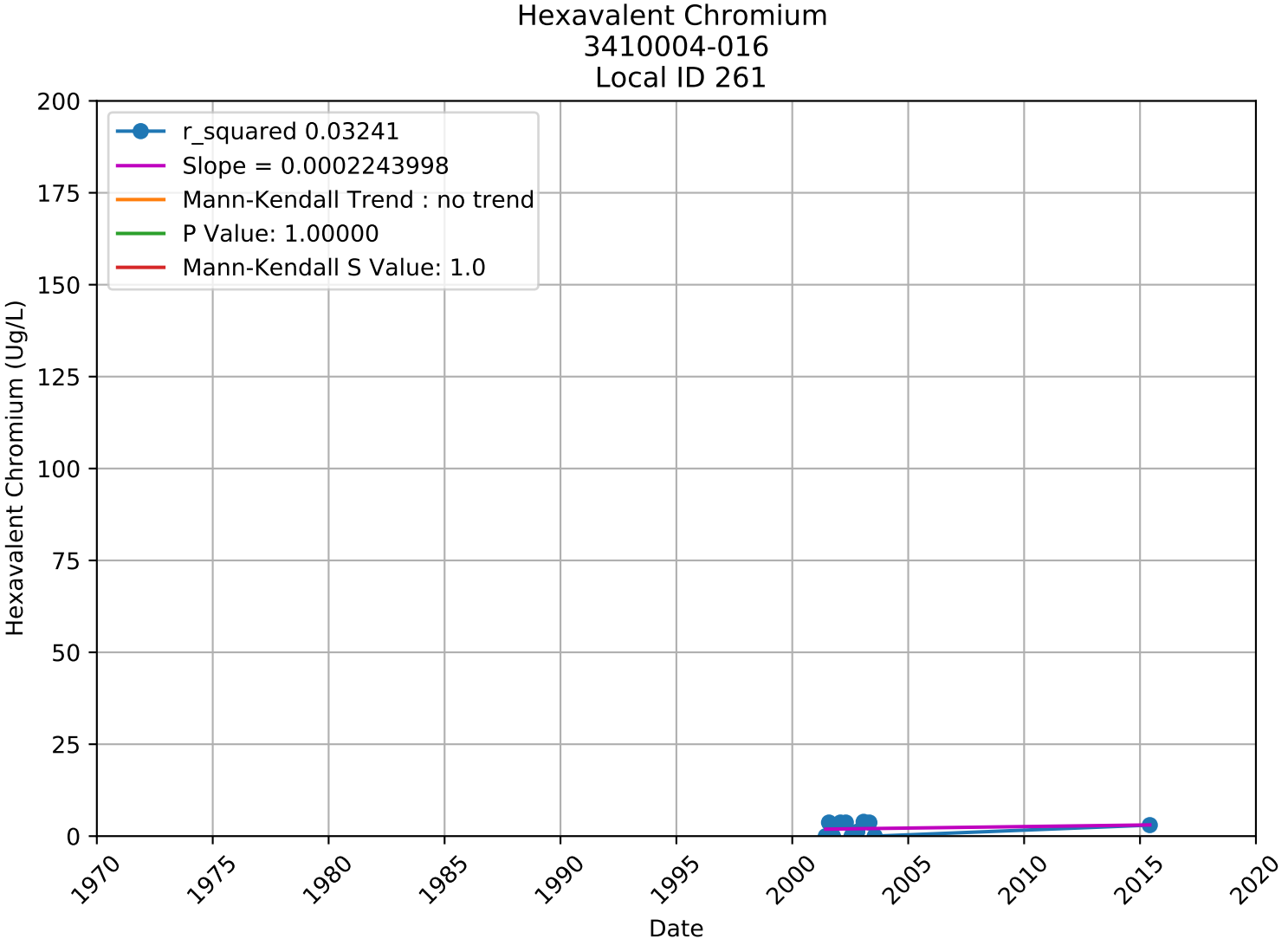

Hexavalent Chromium
3410004-001
Local ID 74
r_squared 0.84095
Slope = 0.0071182722
Mann-Kendall Trend : no trend
P Value: 0.31222
Mann-Kendall S Value: 5.0
Hexavalent Chromium (Ug/L)
Date
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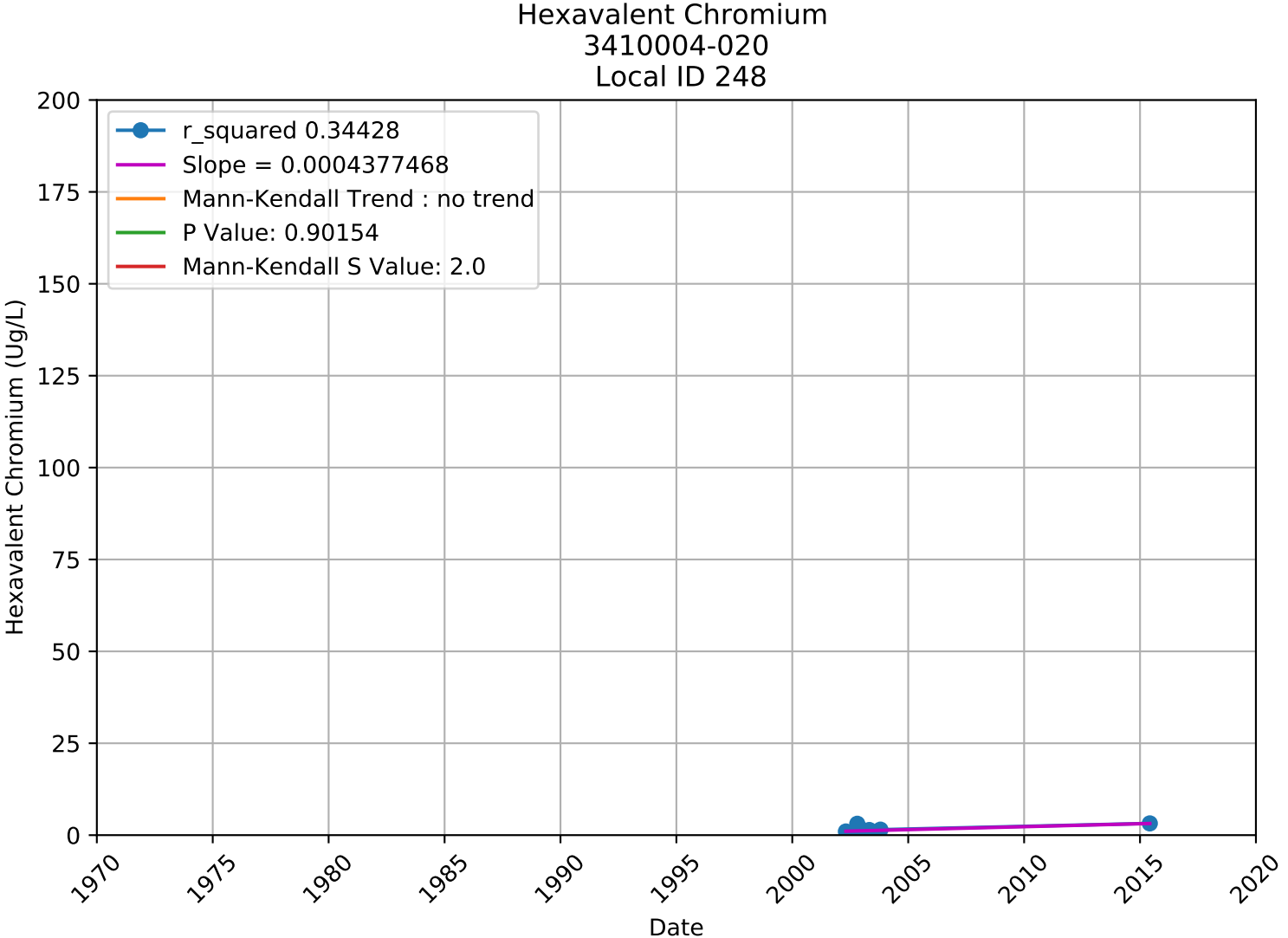

Hexavalent Chromium
3410004-004
Local ID 83
r_squared 0.03481
Slope = 0.0003937396
Mann-Kendall Trend : no trend
P Value: 0.26551
Mann-Kendall S Value: 10.0
Hexavalent Chromium (Ug/L)
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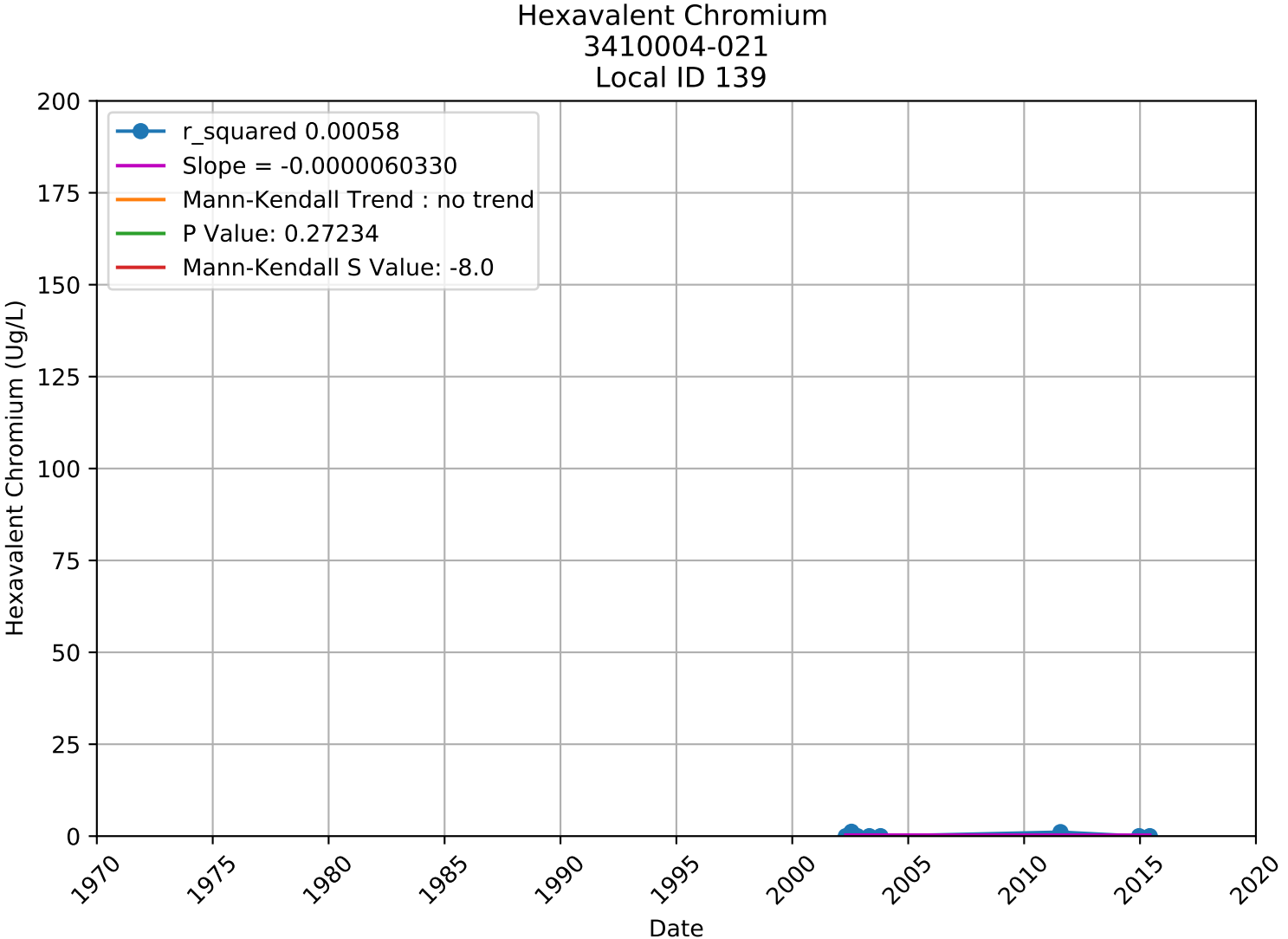

Hexavalent Chromium
3410004-006
Local ID 172
r_squared 0.00191
Slope = -0.0000080902
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Hexavalent Chromium (Ug/L)
Date
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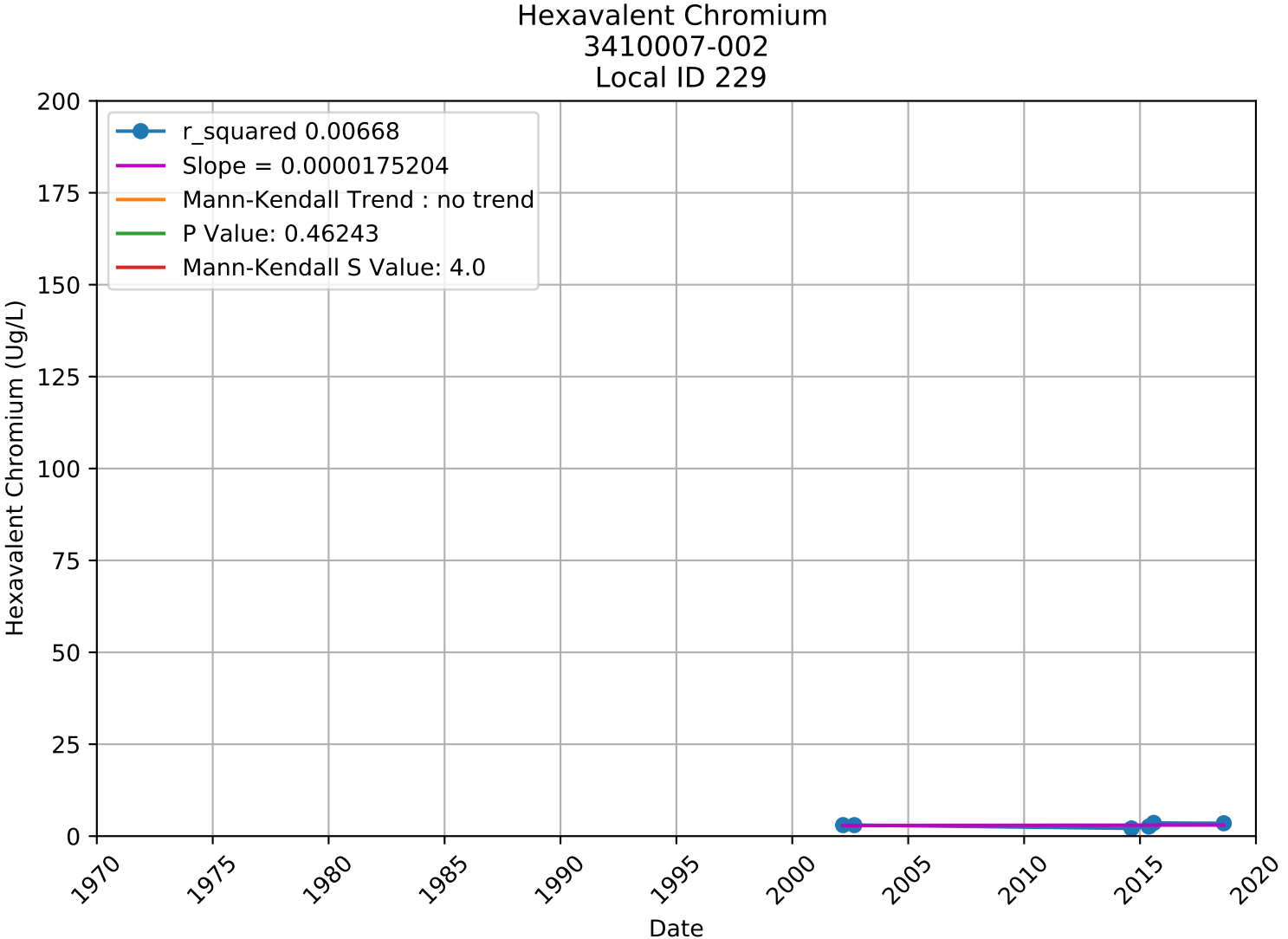

Hexavalent Chromium
3410004-007
Local ID 6
r_squared 0.36723
Slope = 0.0022944591
Mann-Kendall Trend : no trend
P Value: 0.43300
Mann-Kendall S Value: 6.0
Hexavalent Chromium (Ug/L)
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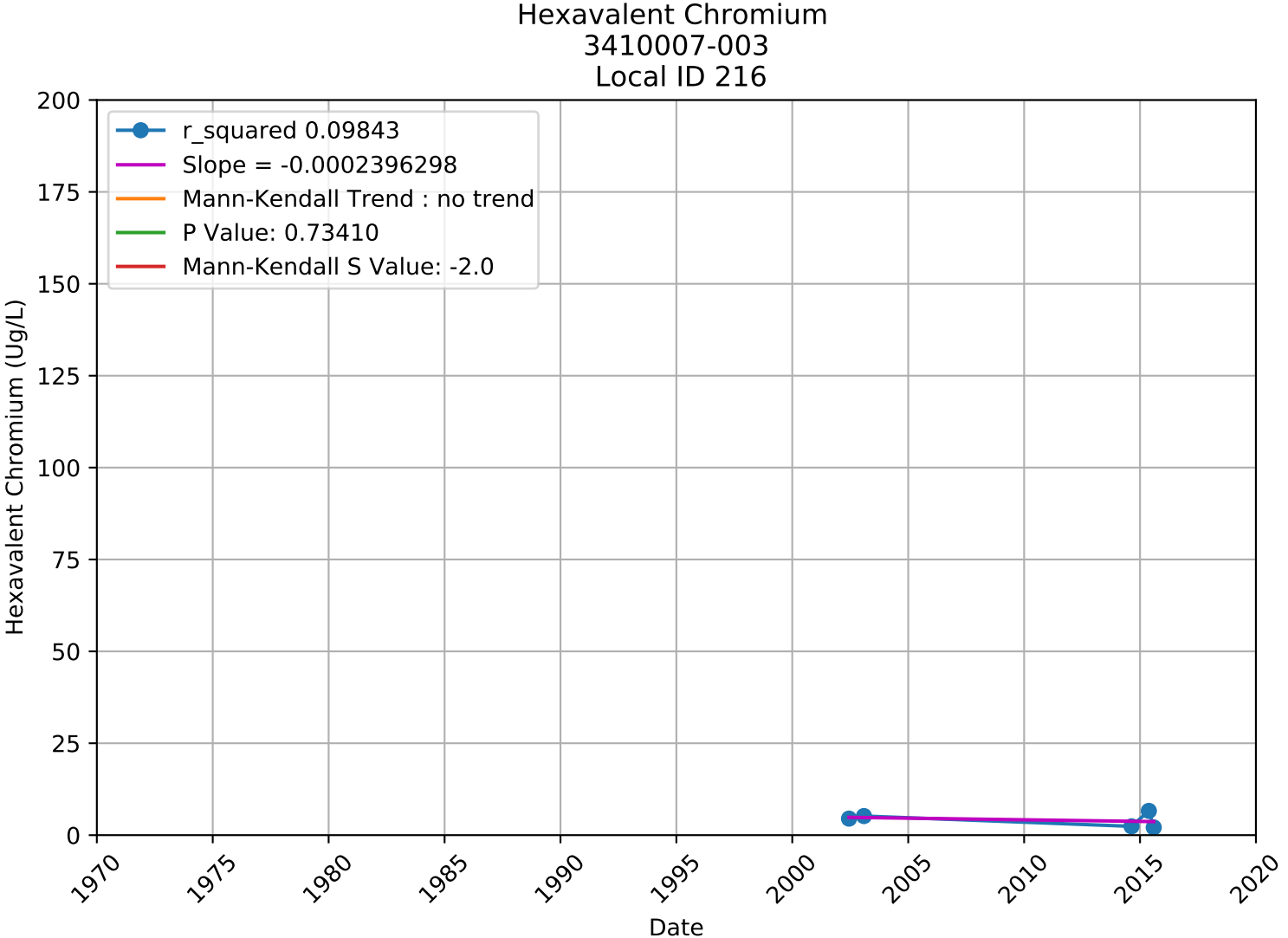

Hexavalent Chromium
3410004-009
Local ID 150
r_squared 0.10198
Slope = -0.0000311253
Mann-Kendall Trend : no trend
P Value: 0.95117
Mann-Kendall S Value: -2.0
Hexavalent Chromium (Ug/L)
Date
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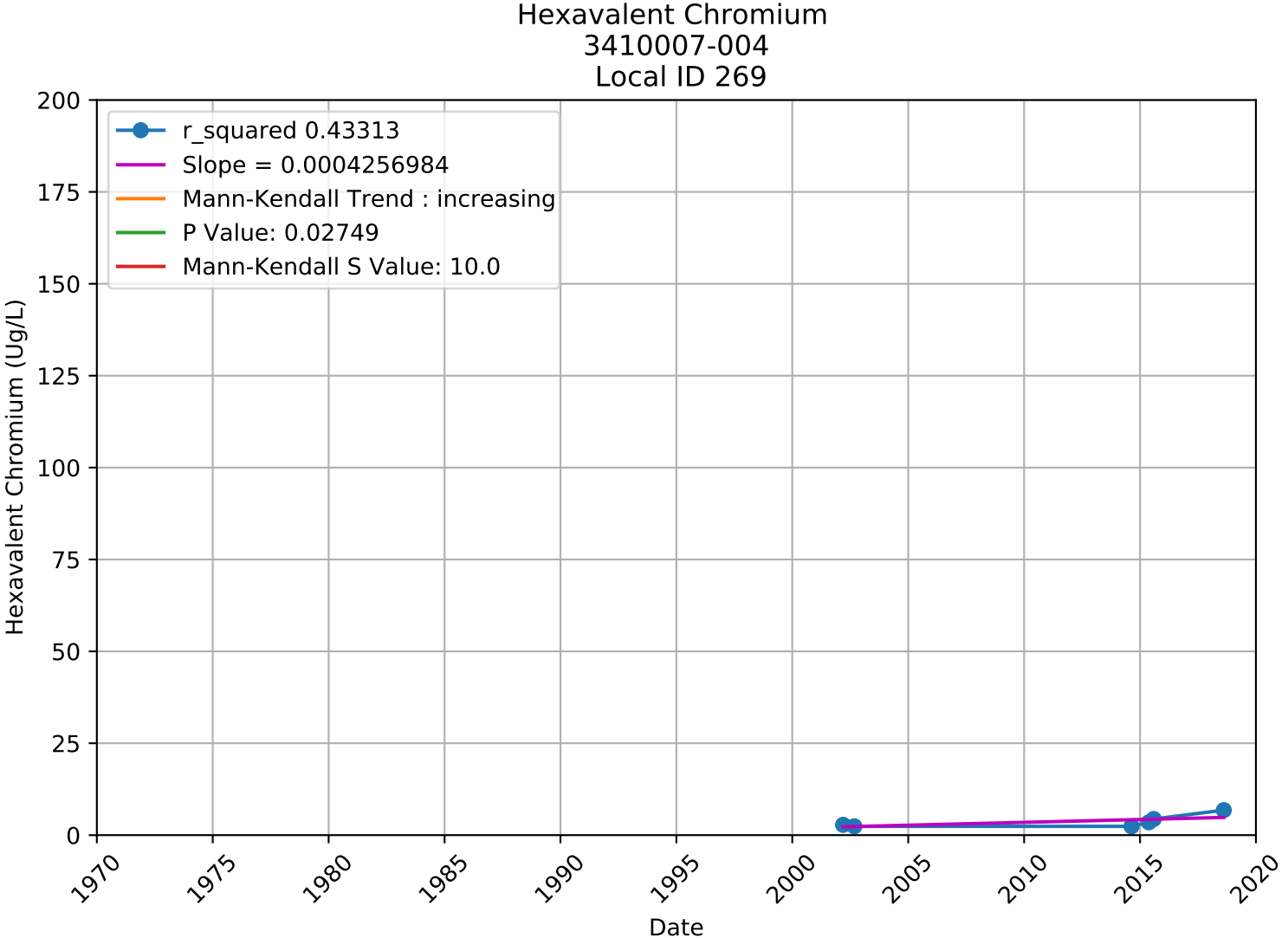

Hexavalent Chromium
3410004-016
Local ID 261
r_squared 0.03241
Slope = 0.0002243998
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
Hexavalent Chromium (Ug/L)
Date
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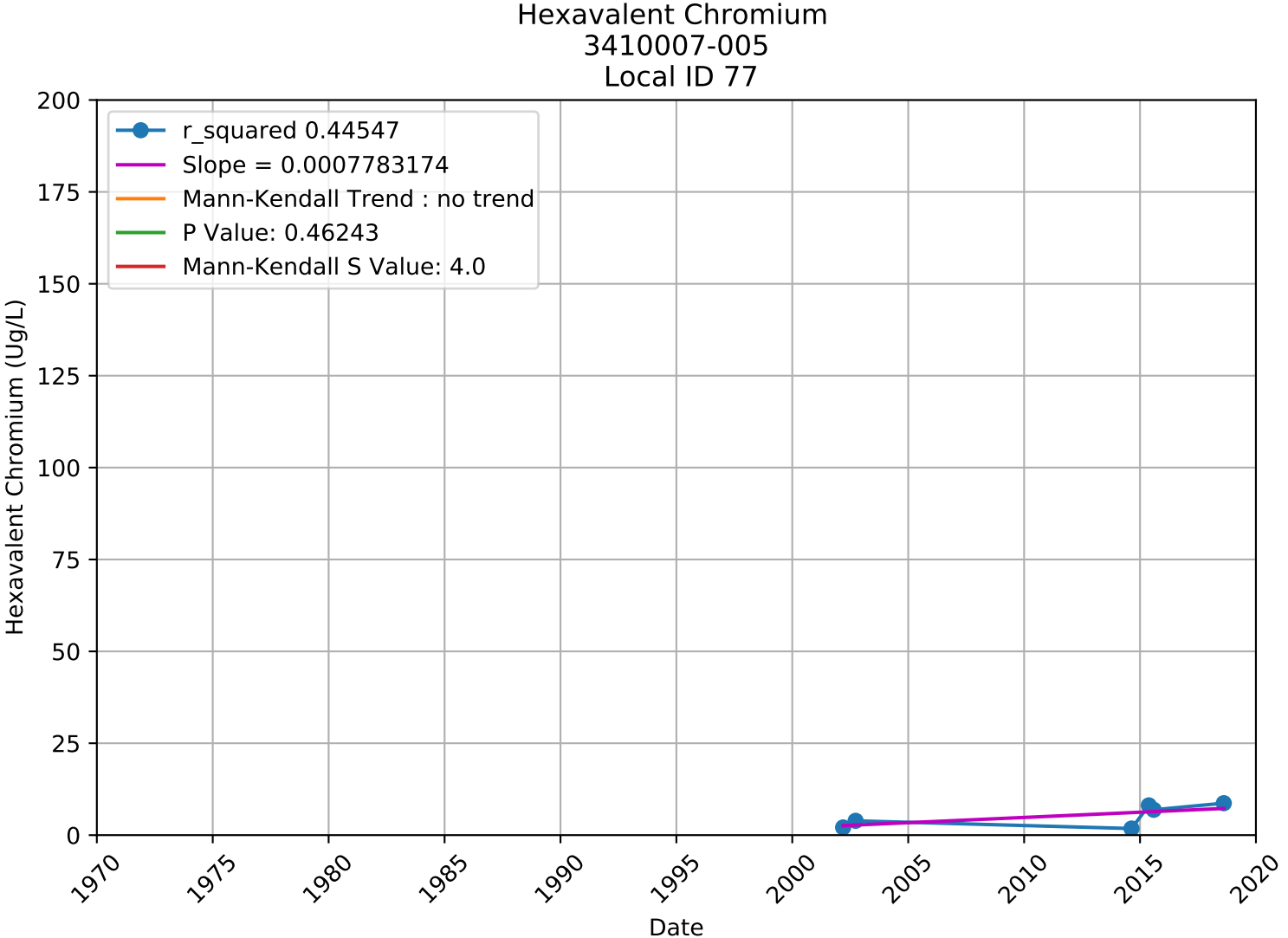

Hexavalent Chromium
3410004-020
Local ID 248
r_squared 0.34428
Slope = 0.0004377468
Mann-Kendall Trend : no trend
P Value: 0.90154
Mann-Kendall S Value: 2.0
Hexavalent Chromium (Ug/L)
Date
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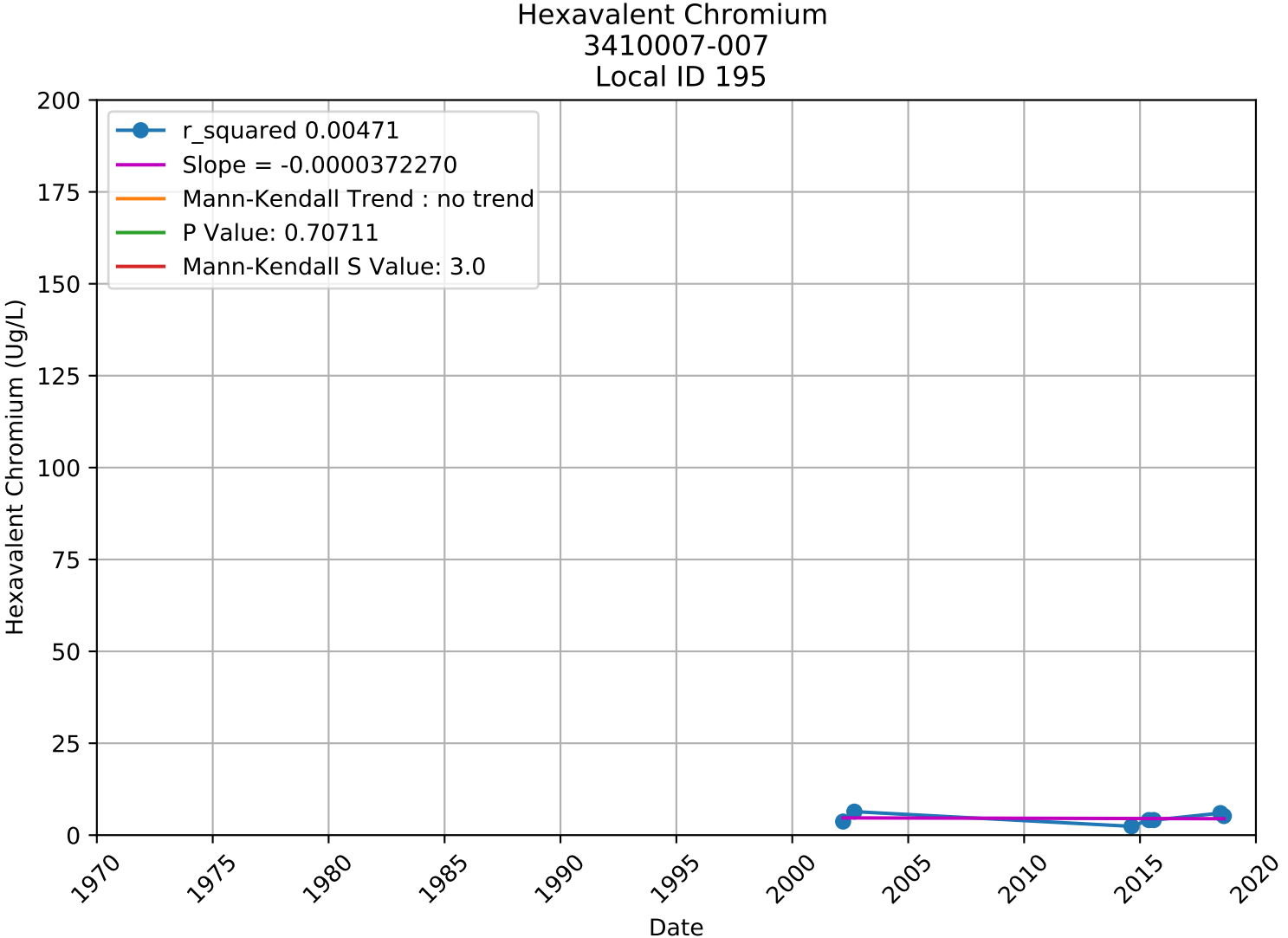

Hexavalent Chromium
3410004-021
Local ID 139
r_squared 0.00058
Slope = -0.0000060330
Mann-Kendall Trend : no trend
P Value: 0.27234
Mann-Kendall S Value: -8.0
Hexavalent Chromium (Ug/L)
Date
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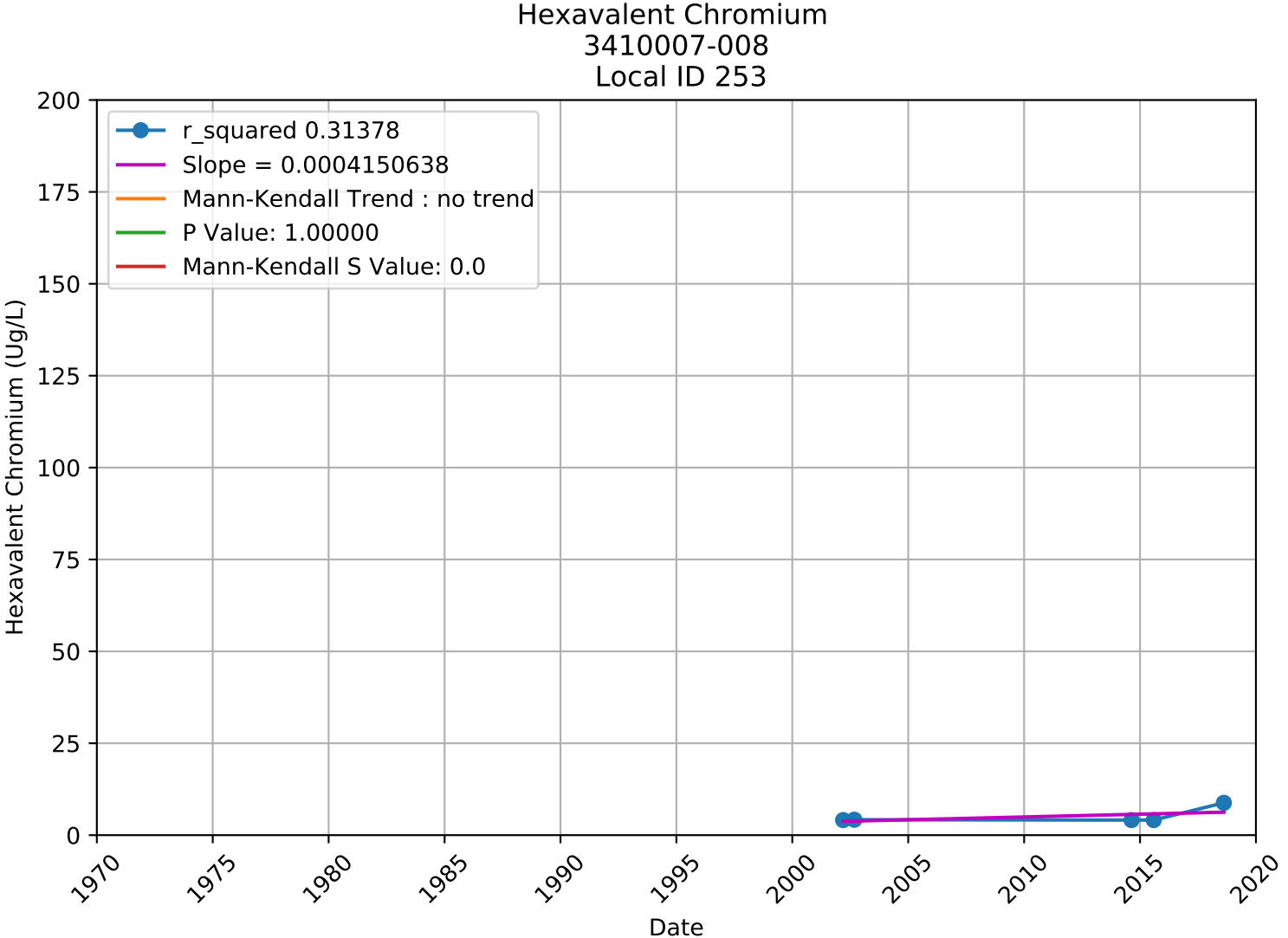

Hexavalent Chromium
3410007-002
Local ID 229
r_squared 0.00668
Slope = 0.0000175204
Mann-Kendall Trend : no trend
P Value: 0.46243
Mann-Kendall S Value: 4.0
Hexavalent Chromium (Ug/L)
Date
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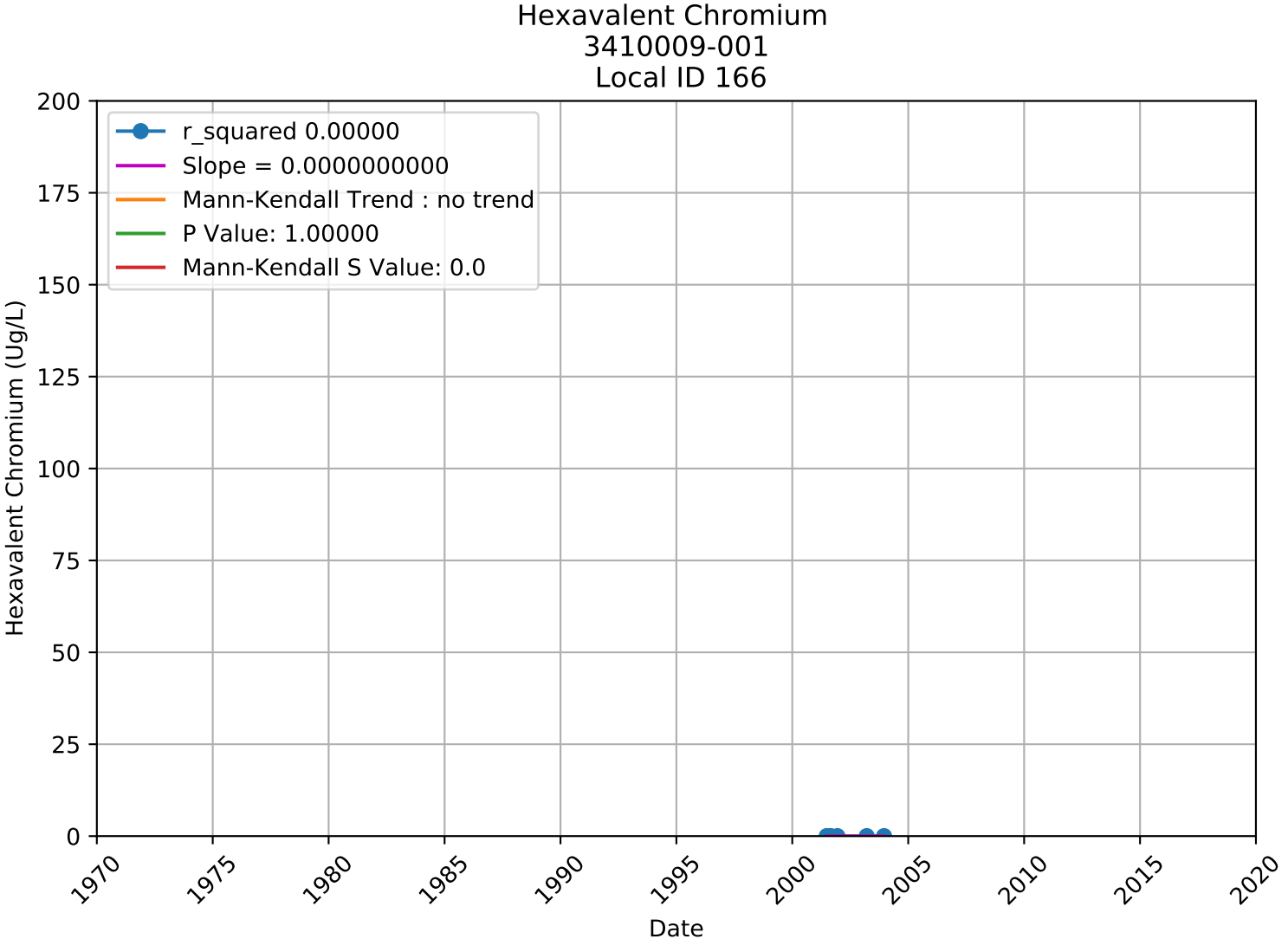

Hexavalent Chromium
3410007-003
Local ID 216
r_squared 0.09843
Slope = -0.0002396298
Mann-Kendall Trend : no trend
P Value: 0.73410
Mann-Kendall S Value: -2.0
Hexavalent Chromium (Ug/L)
Date
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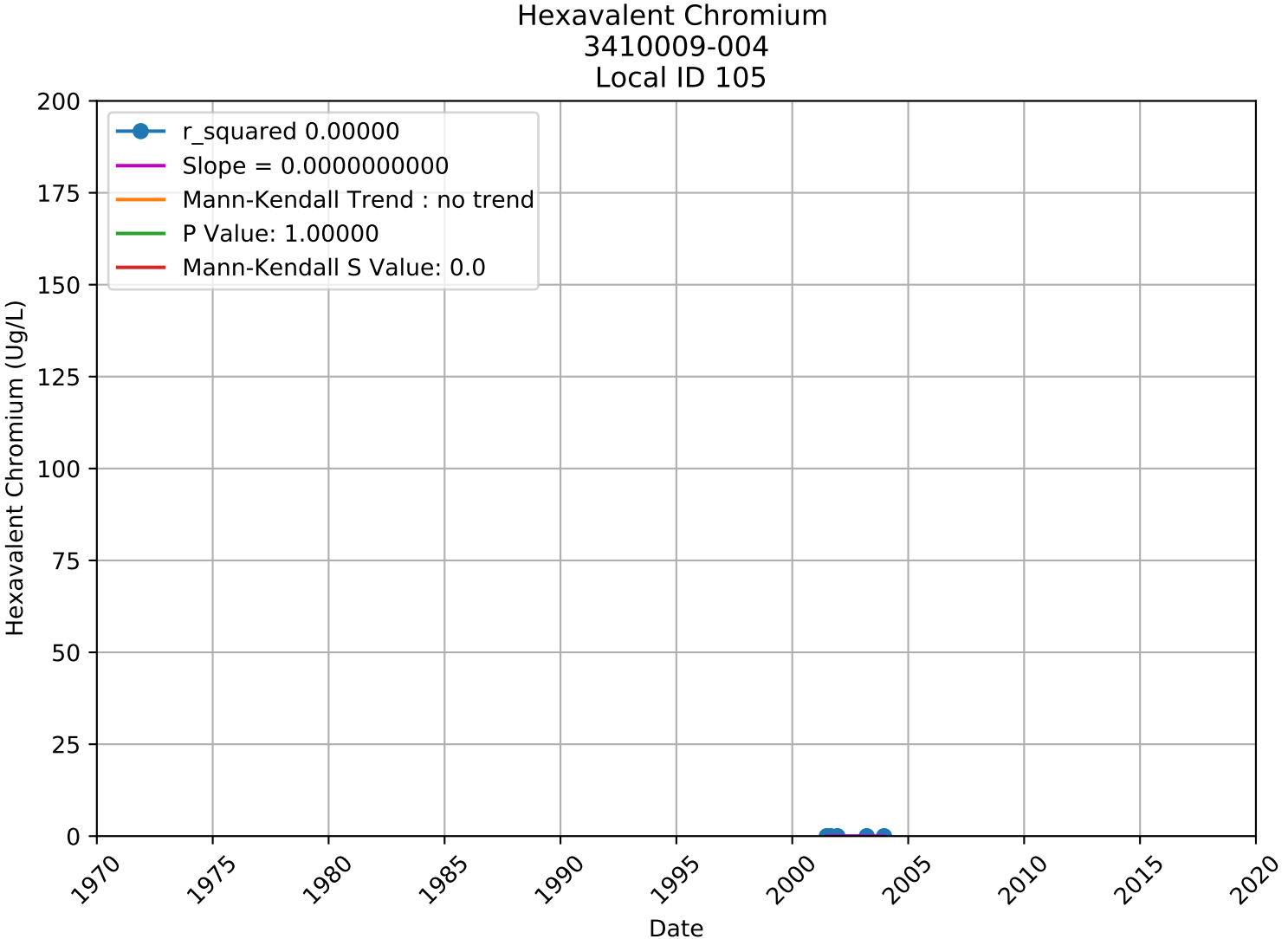

Hexavalent Chromium
3410007-004
Local ID 269
r_squared 0.43313
Slope = 0.0004256984
Mann-Kendall Trend : increasing
P Value: 0.02749
Mann-Kendall S Value: 10.0
Hexavalent Chromium (Ug/L)
Date
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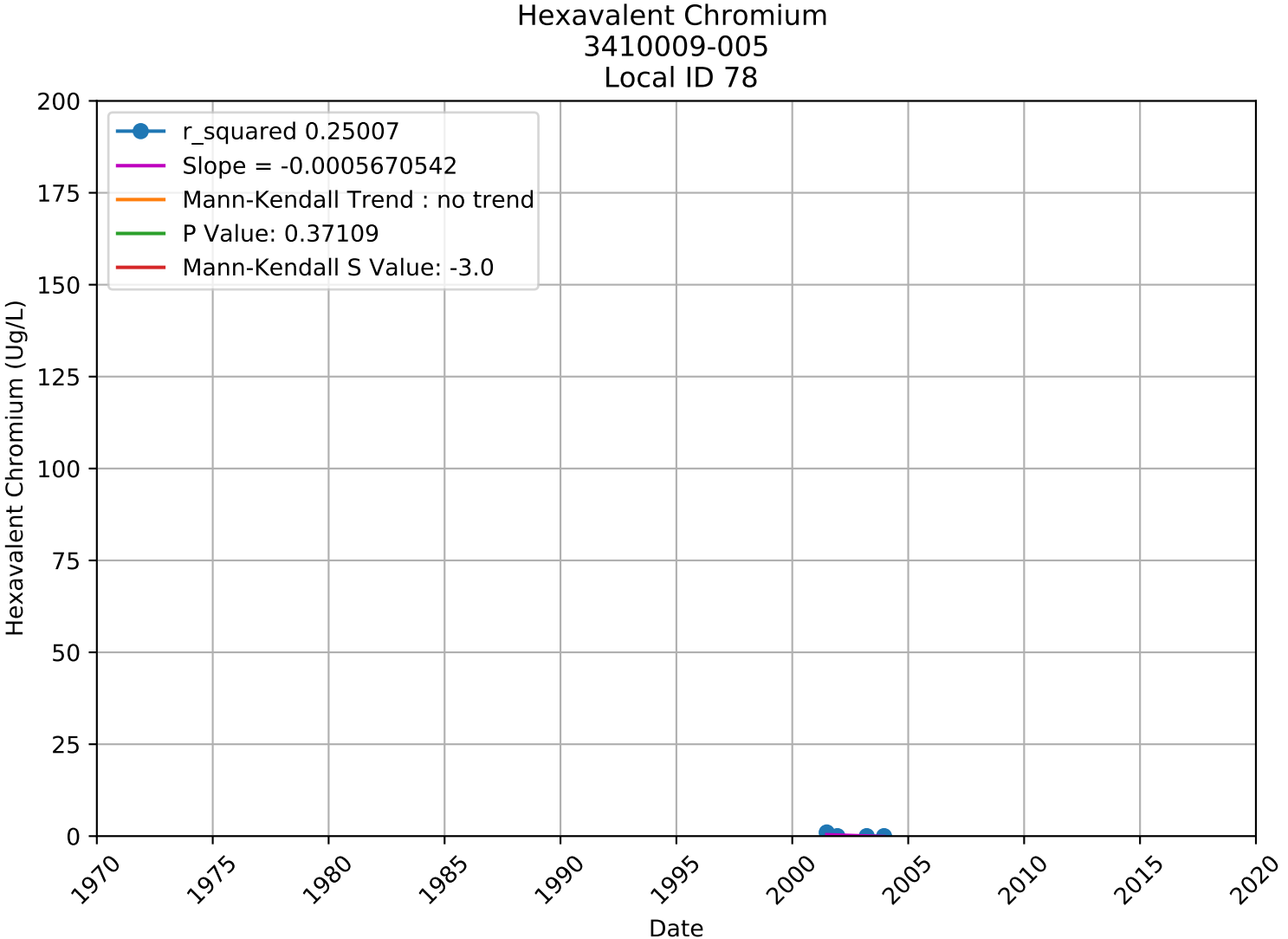

Hexavalent Chromium
3410007-005
Local ID 77
r_squared 0.44547
Slope = 0.0007783174
Mann-Kendall Trend : no trend
P Value: 0.46243
Mann-Kendall S Value: 4.0
Hexavalent Chromium (Ug/L)
Date
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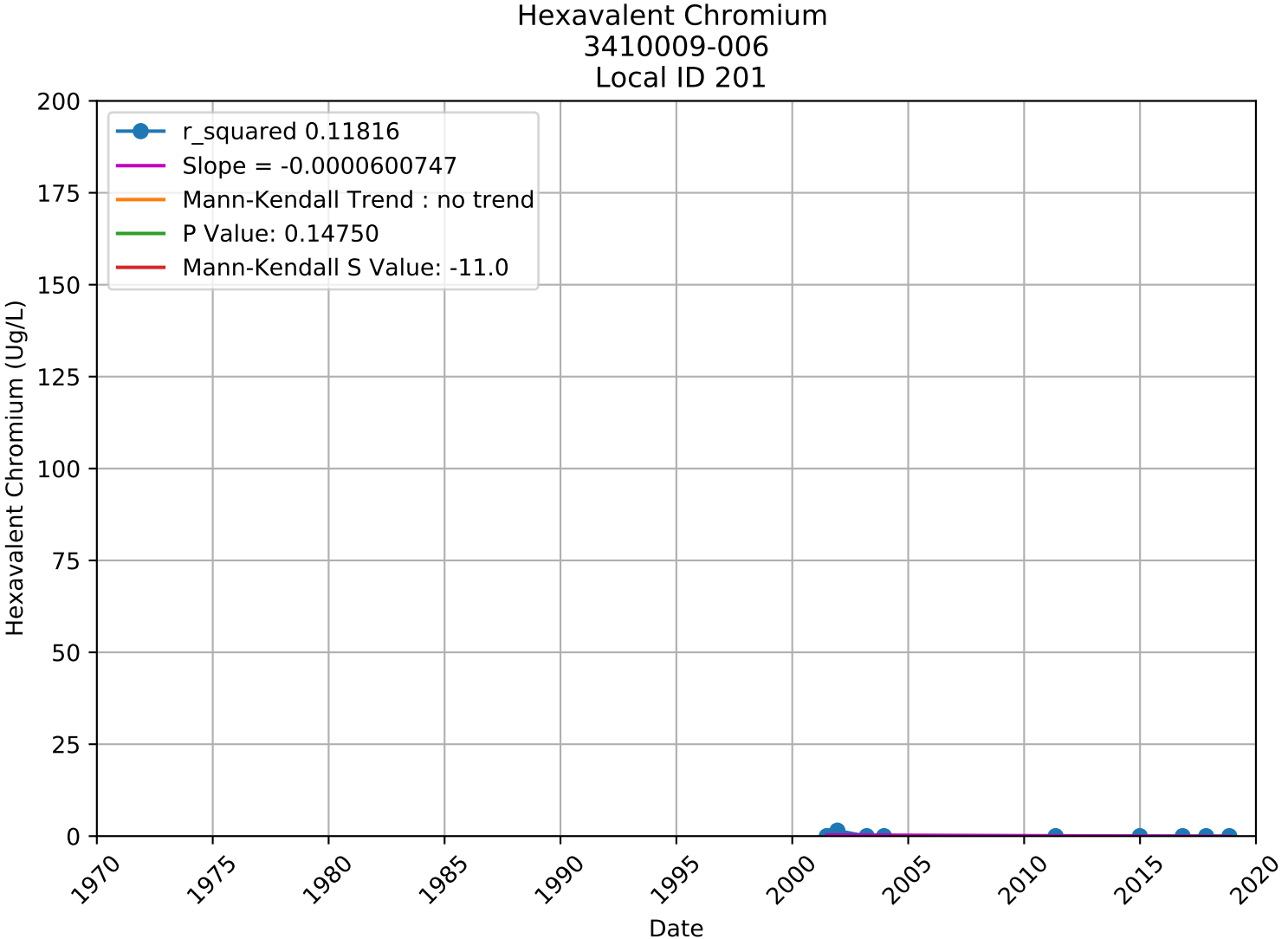

Hexavalent Chromium
3410007-007
Local ID 195
r_squared 0.00471
Slope = -0.0000372270
Mann-Kendall Trend : no trend
P Value: 0.70711
Mann-Kendall S Value: 3.0
Hexavalent Chromium (Ug/L)
Date
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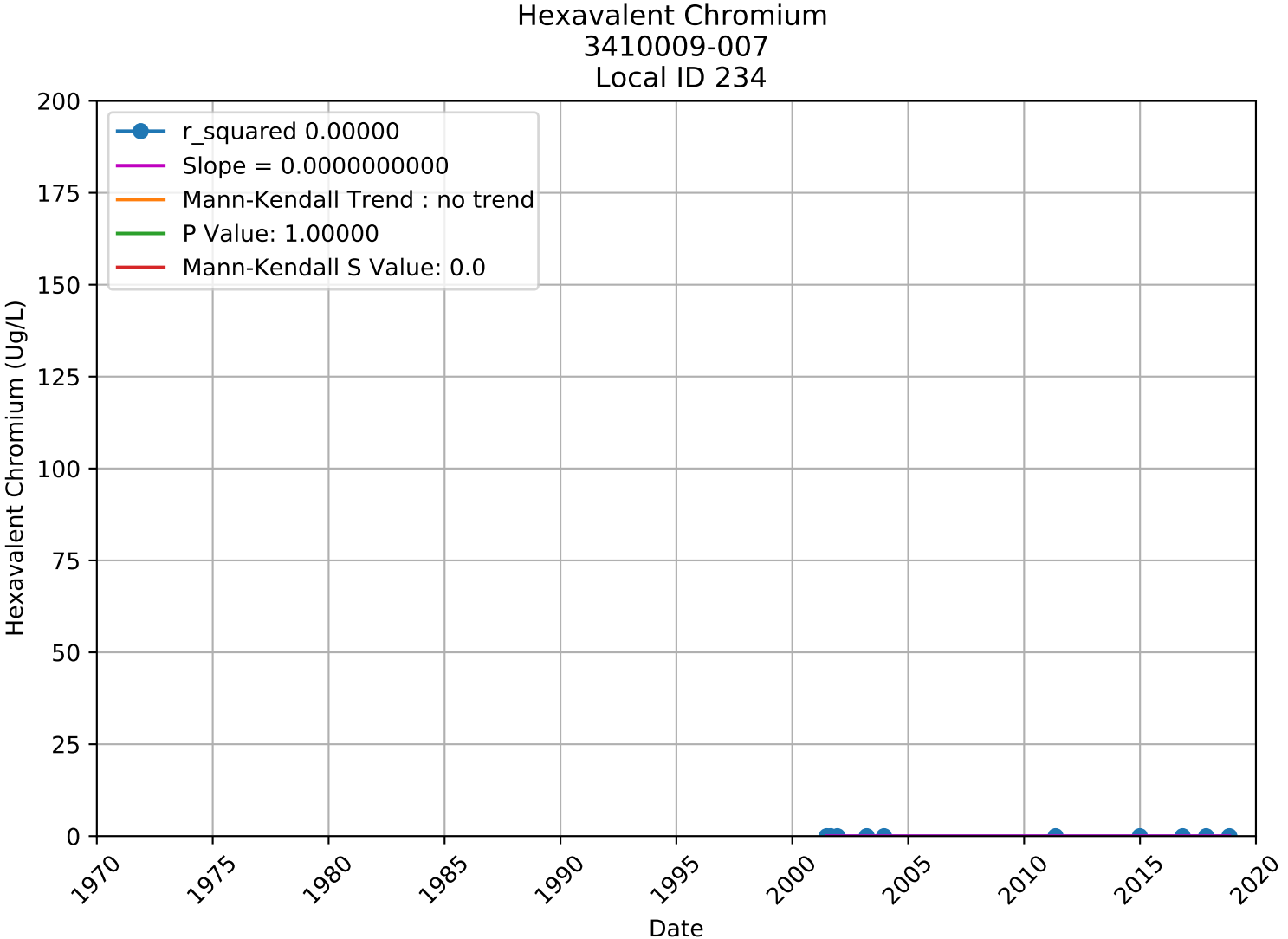

Hexavalent Chromium
3410007-008
Local ID 253
r_squared 0.31378
Slope = 0.0004150638
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Hexavalent Chromium (Ug/L)
Date
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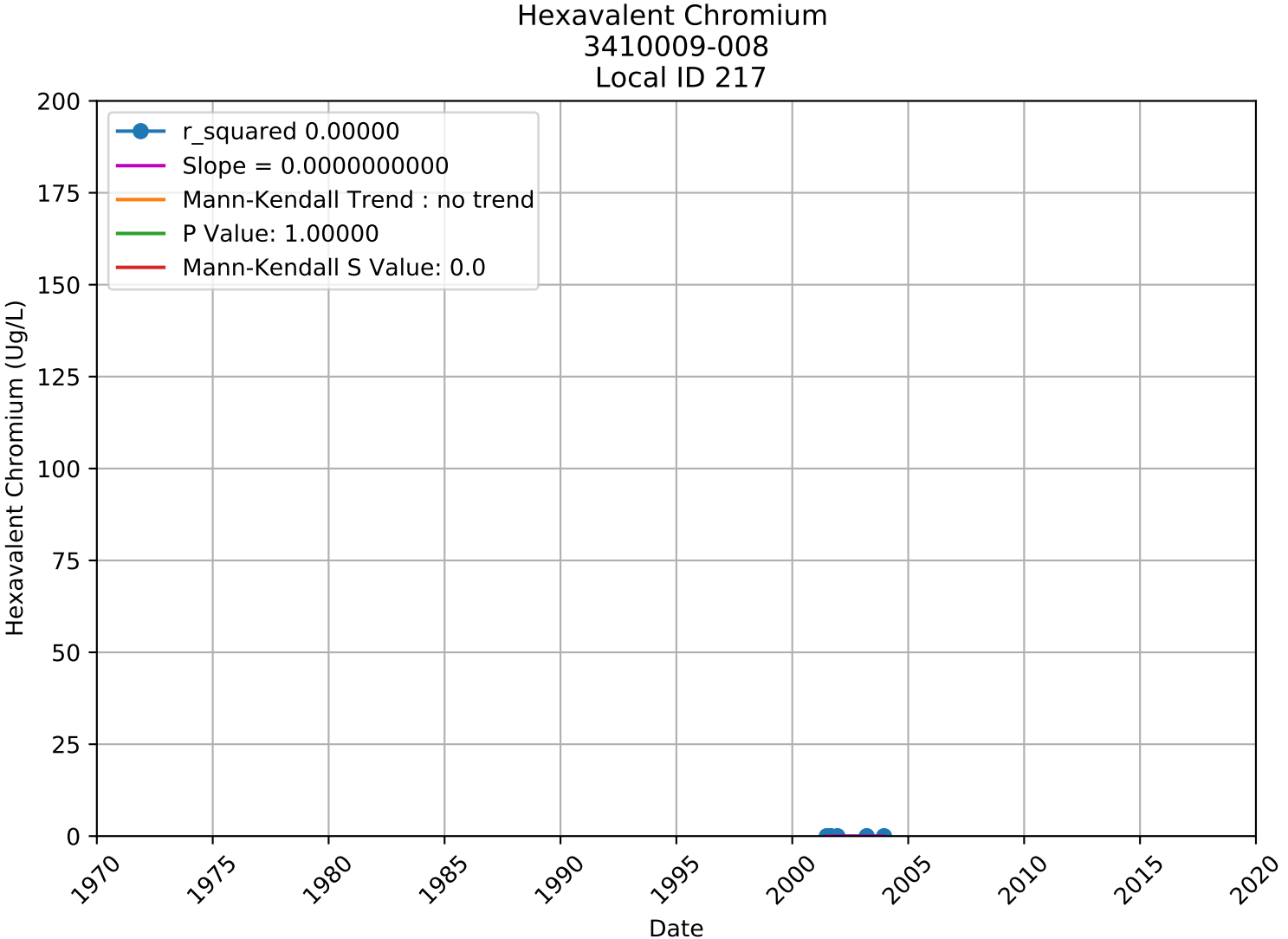

Hexavalent Chromium
3410009-001
Local ID 166
r_squared 0.00000
Slope = 0.0000000000
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Hexavalent Chromium (Ug/L)
Date
200
175
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125
100
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1970
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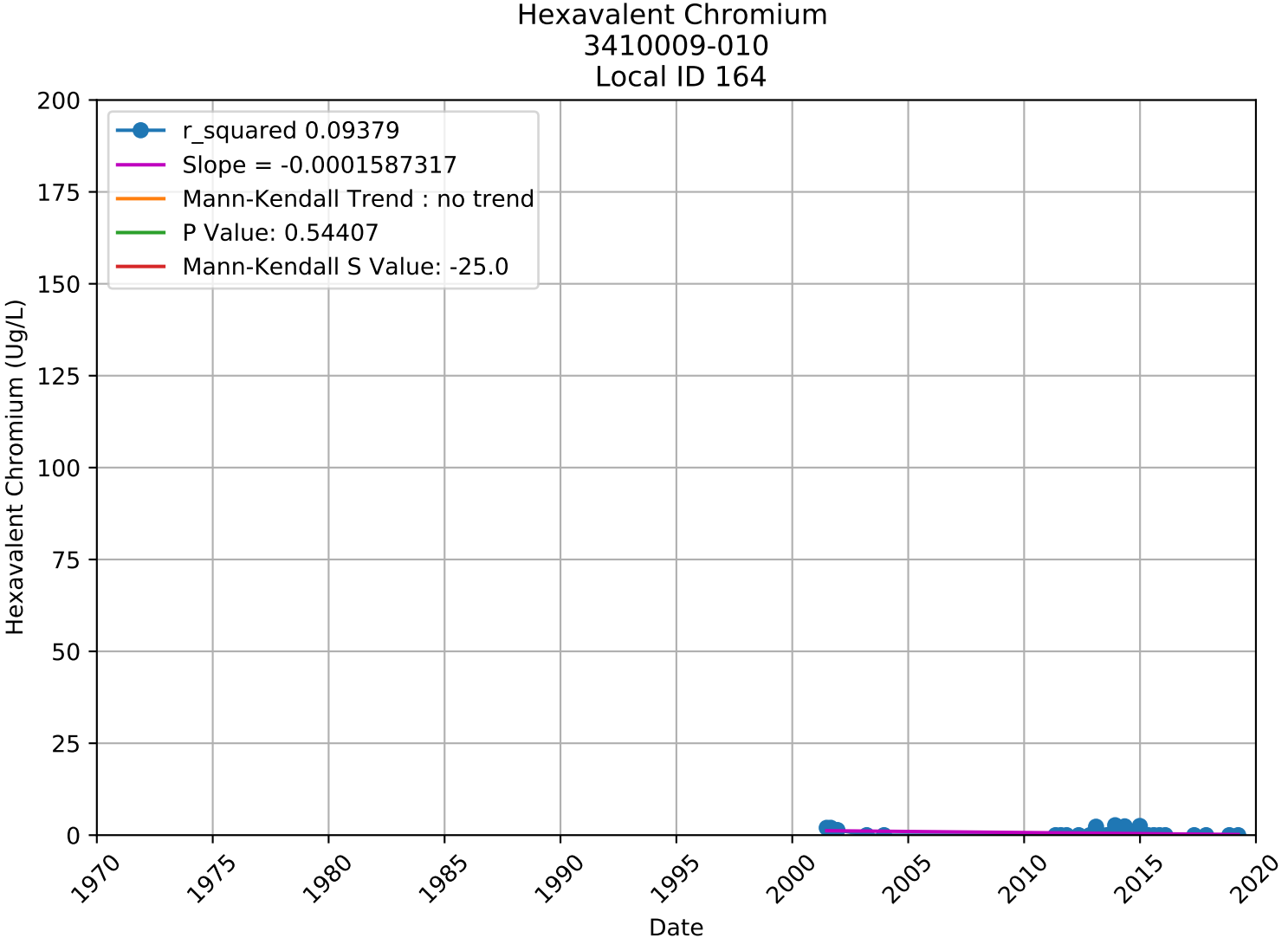

Hexavalent Chromium
3410009-004
Local ID 105
r_squared 0.00000
Slope = 0.0000000000
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Hexavalent Chromium (Ug/L)
200
175
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125
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1970
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2020
Date

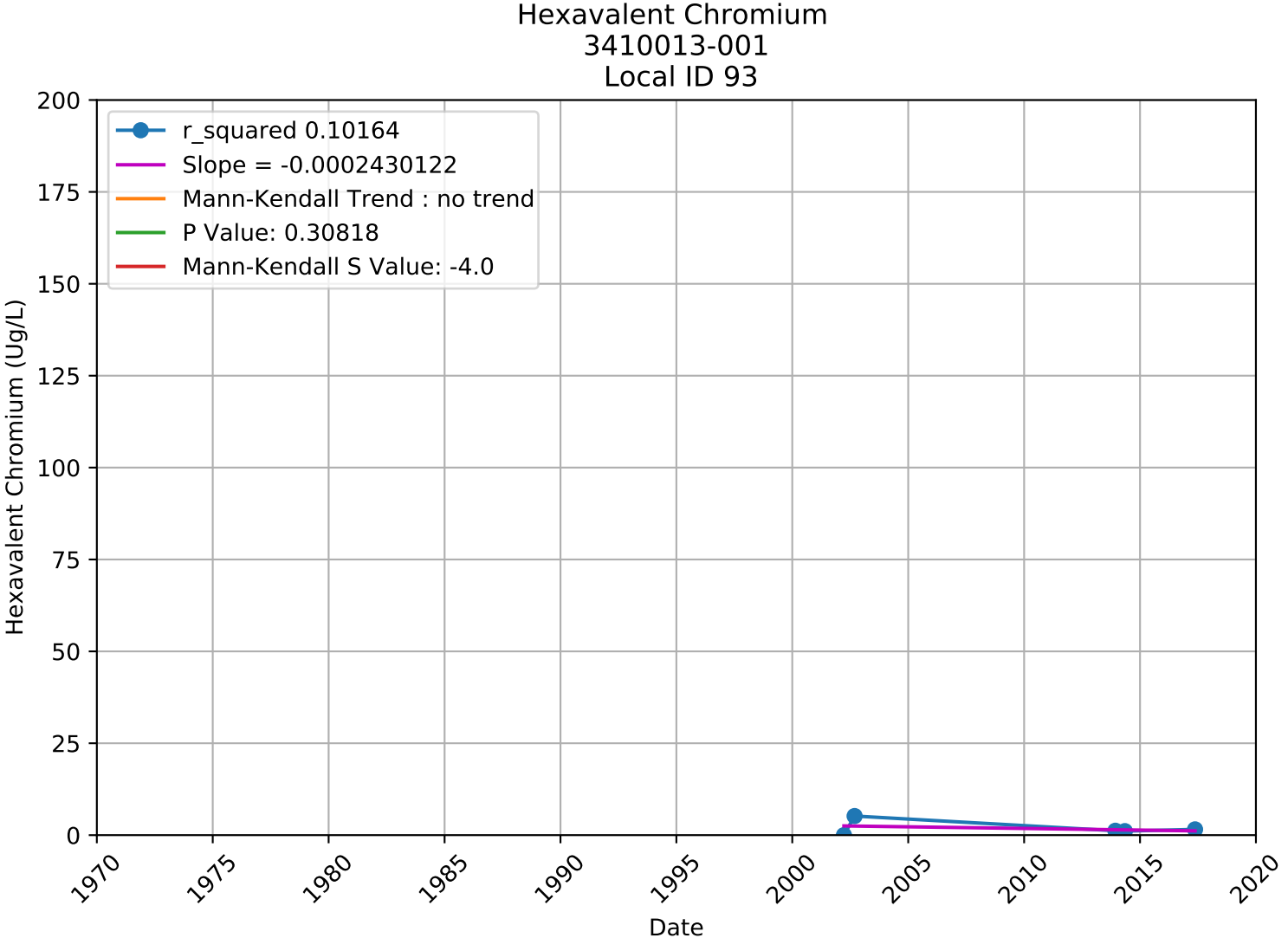

Hexavalent Chromium
3410009-005
Local ID 78
r_squared 0.25007
Slope = -0.0005670542
Mann-Kendall Trend : no trend
P Value: 0.37109
Mann-Kendall S Value: -3.0
Hexavalent Chromium (Ug/L)
200
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125
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Date

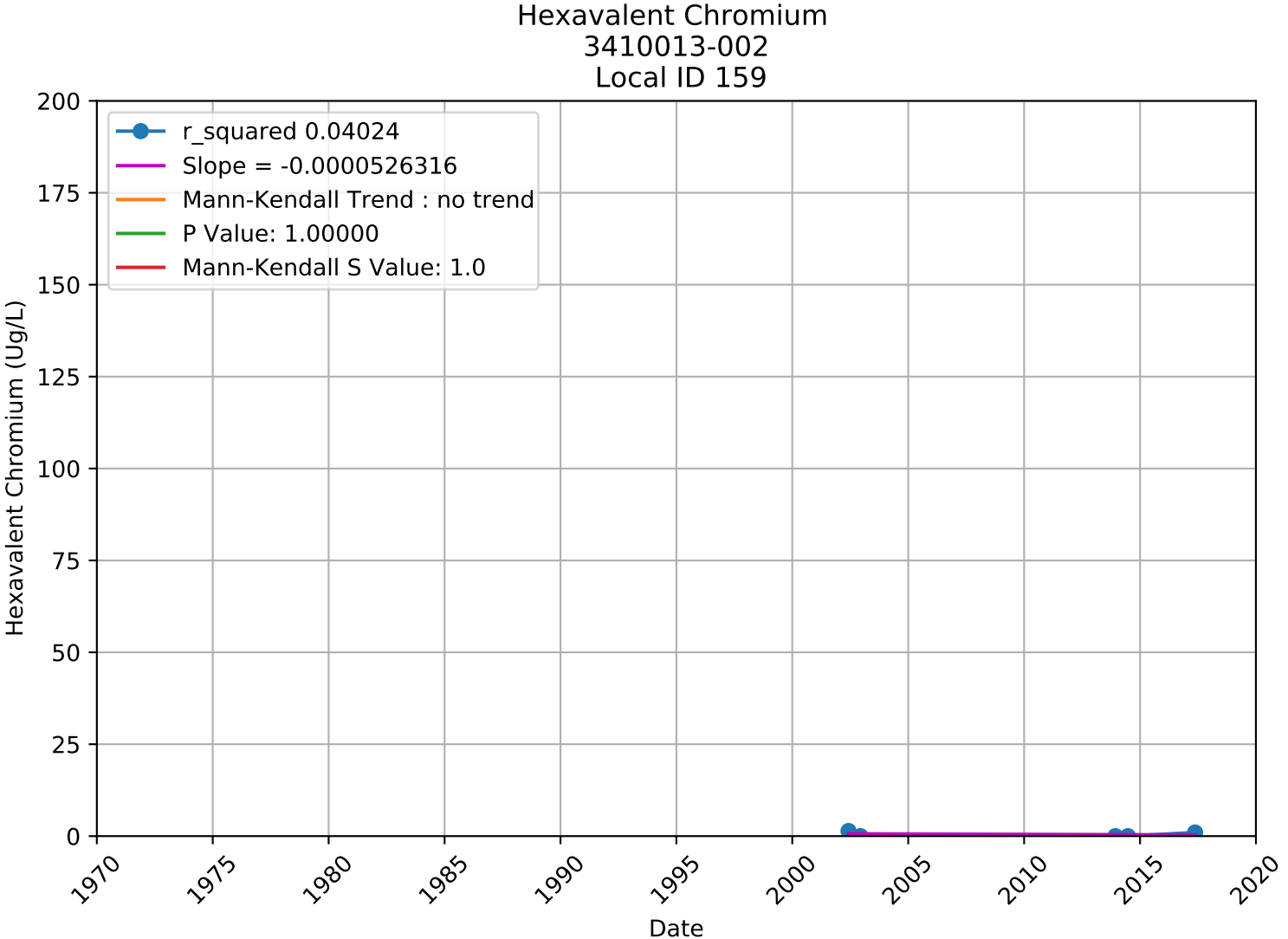

Hexavalent Chromium
3410009-006
Local ID 201
r_squared 0.11816
Slope = -0.0000600747
Mann-Kendall Trend : no trend
P Value: 0.14750
Mann-Kendall S Value: -11.0
Hexavalent Chromium (Ug/L)
Date
200
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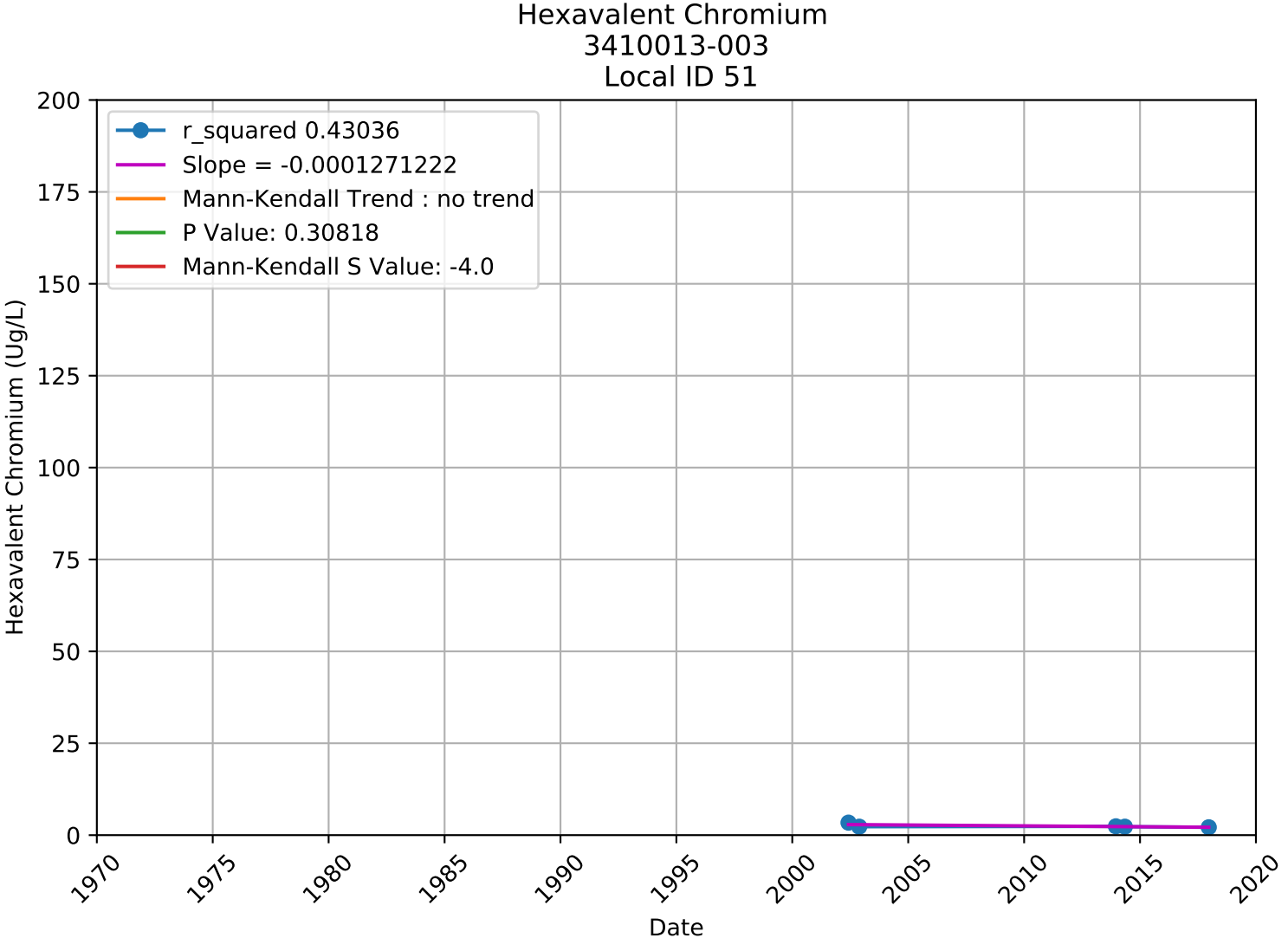

Hexavalent Chromium
3410009-007
Local ID 234
r_squared 0.00000
Slope = 0.0000000000
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Hexavalent Chromium (Ug/L)
Date
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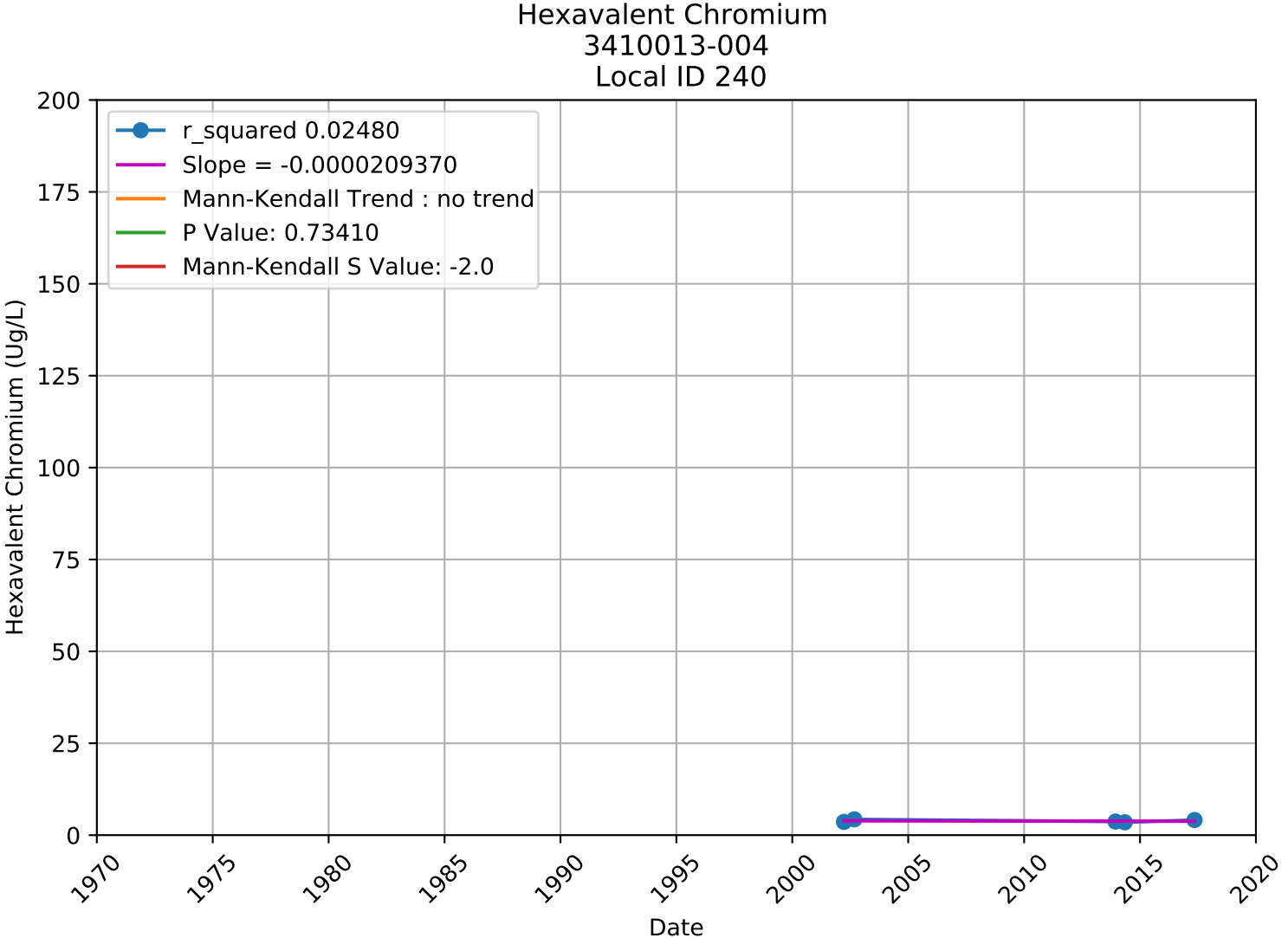

Hexavalent Chromium
3410009-008
Local ID 217
r_squared 0.00000
Slope = 0.0000000000
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Hexavalent Chromium (Ug/L)
200
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Date

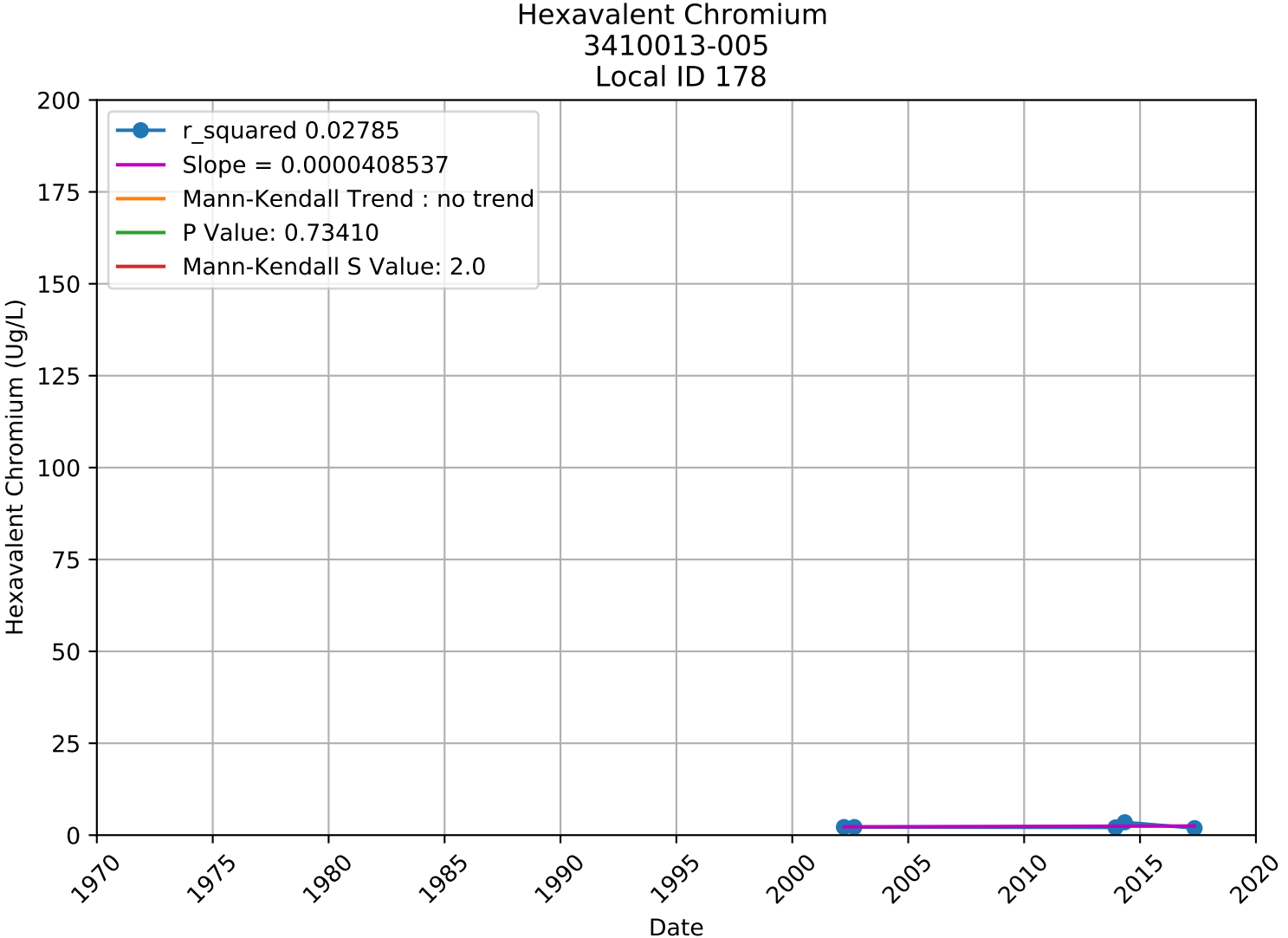

Hexavalent Chromium
3410009-010
Local ID 164
r_squared 0.09379
Slope = -0.0001587317
Mann-Kendall Trend : no trend
P Value: 0.54407
Mann-Kendall S Value: -25.0
Hexavalent Chromium (Ug/L)
Date
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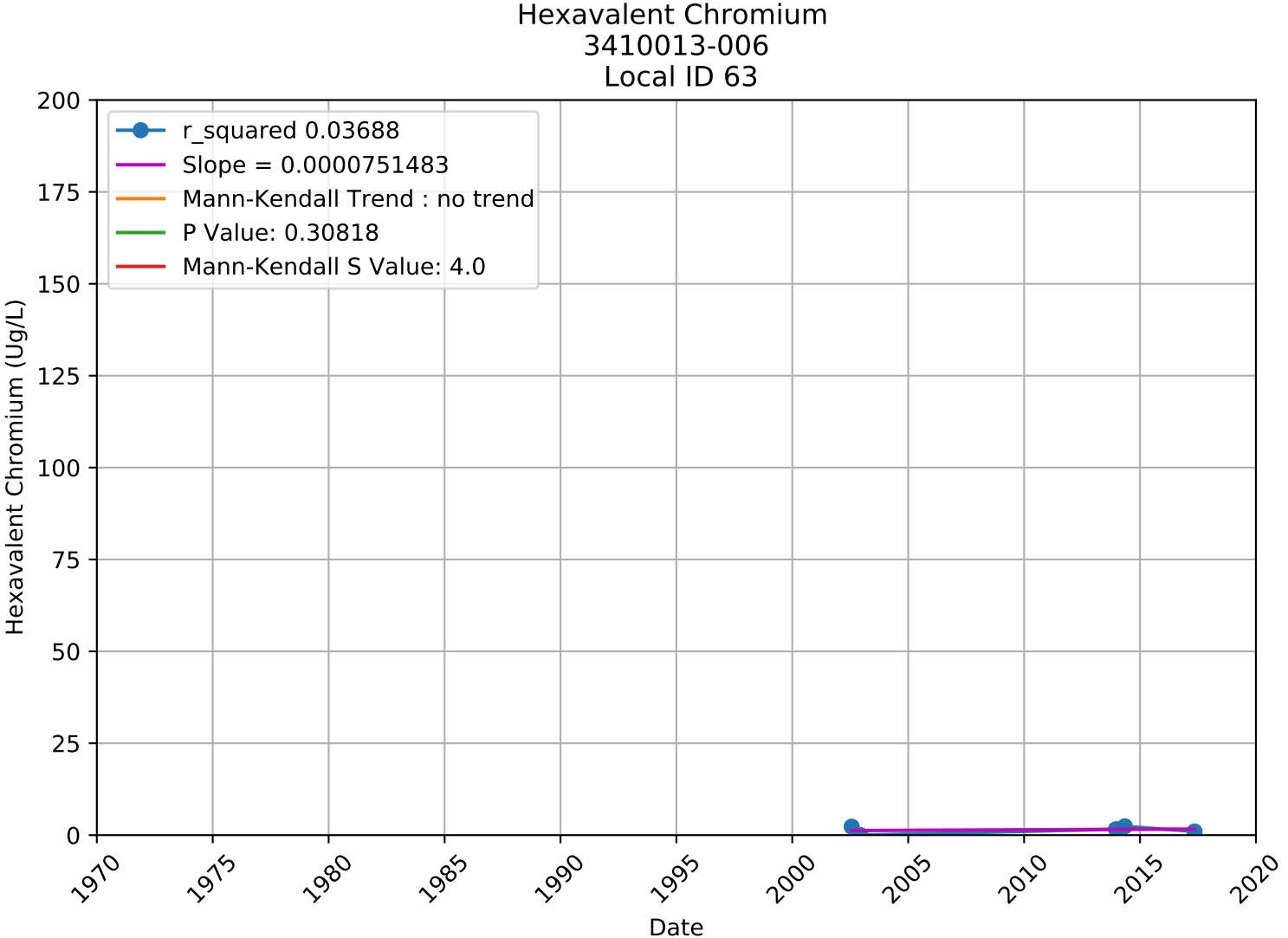

Hexavalent Chromium
3410013-001
Local ID 93
r_squared 0.10164
Slope = -0.0002430122
Mann-Kendall Trend : no trend
P Value: 0.30818
Mann-Kendall S Value: -4.0
Hexavalent Chromium (Ug/L)
Date
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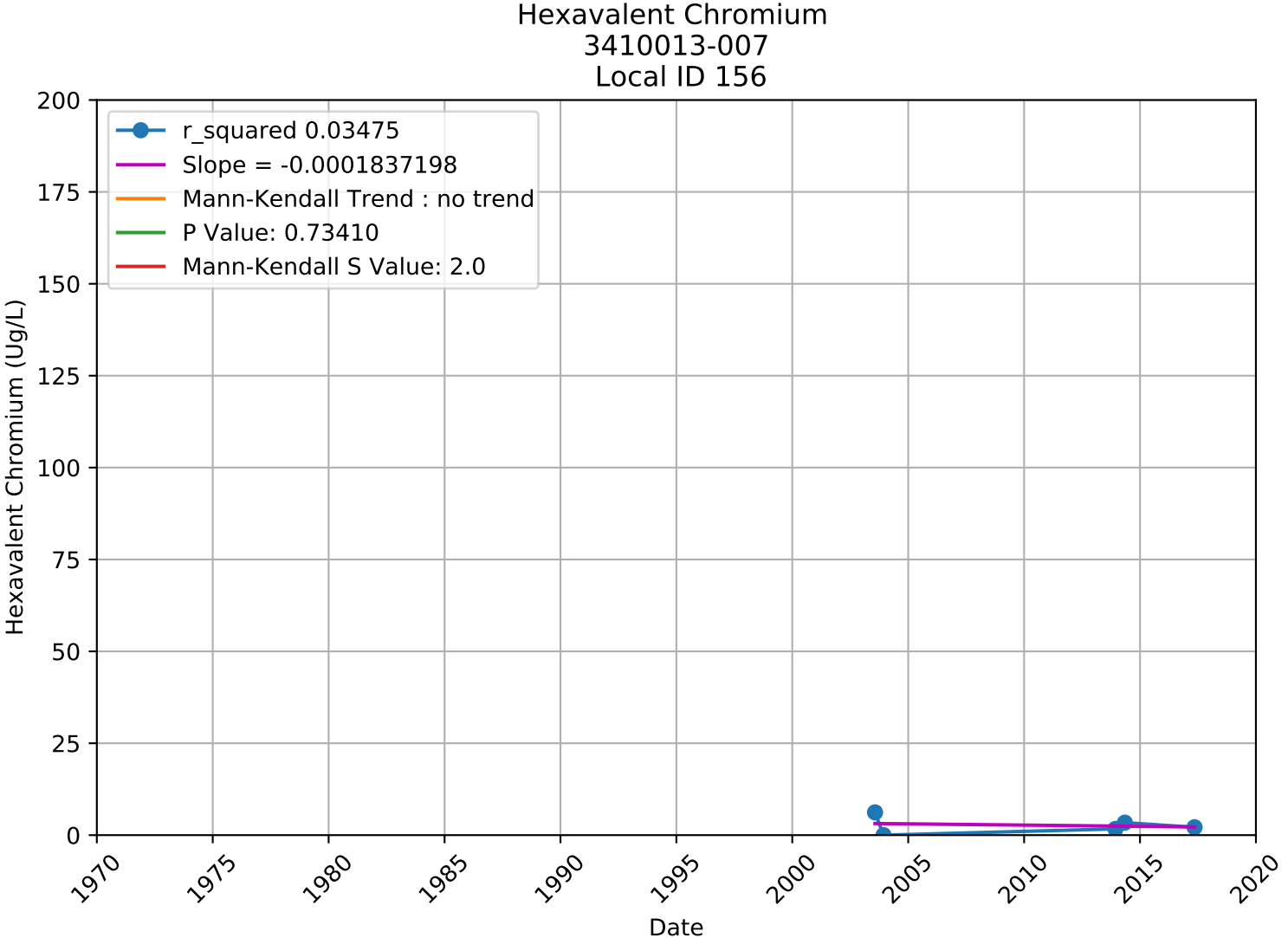

Hexavalent Chromium
3410013-002
Local ID 159
r_squared 0.04024
Slope = -0.0000526316
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
Hexavalent Chromium (Ug/L)
Date
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1970
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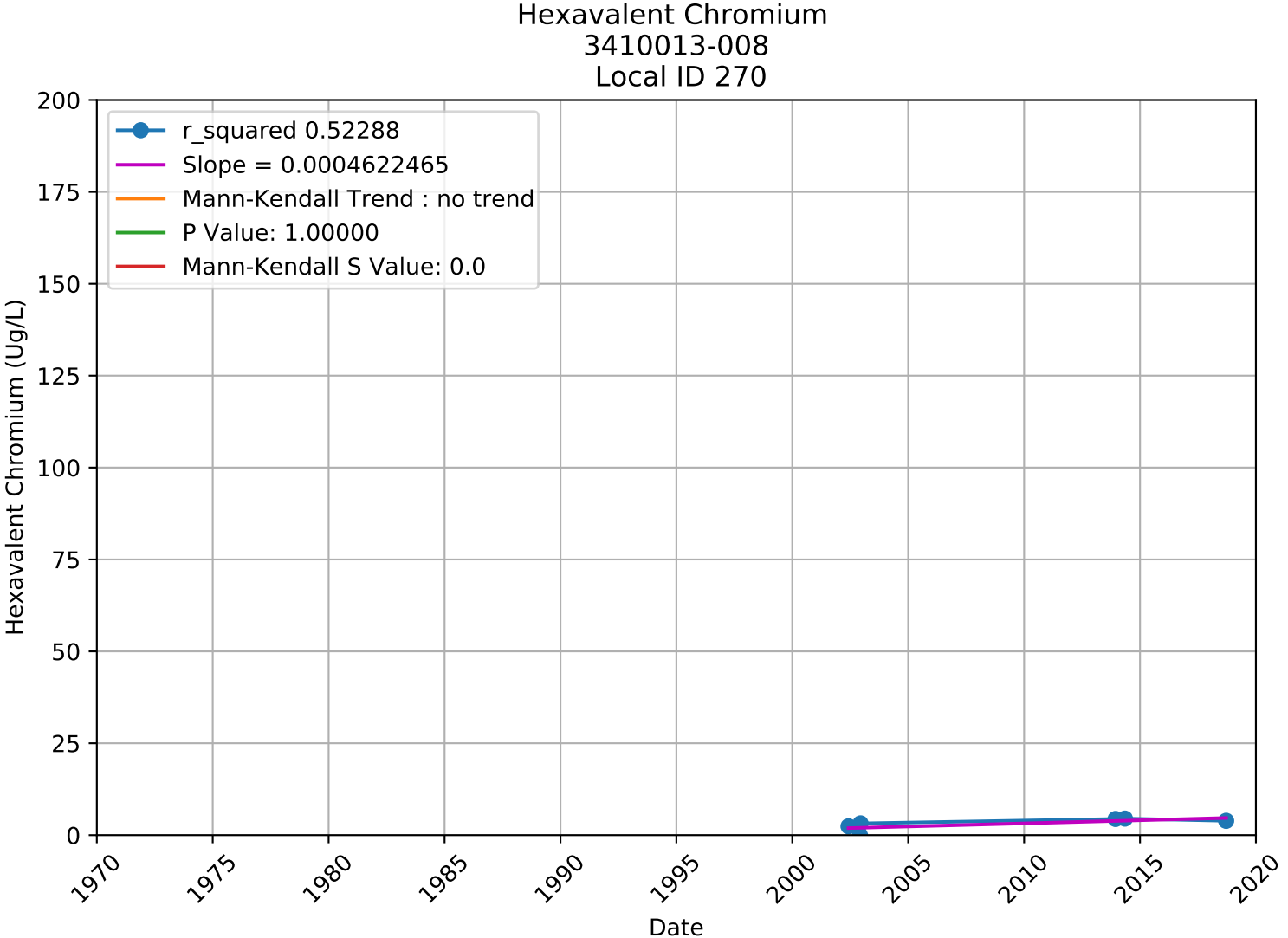

Hexavalent Chromium
3410013-003
Local ID 51
r_squared 0.43036
Slope = -0.0001271222
Mann-Kendall Trend : no trend
P Value: 0.30818
Mann-Kendall S Value: -4.0
Hexavalent Chromium (Ug/L)
Date
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1970
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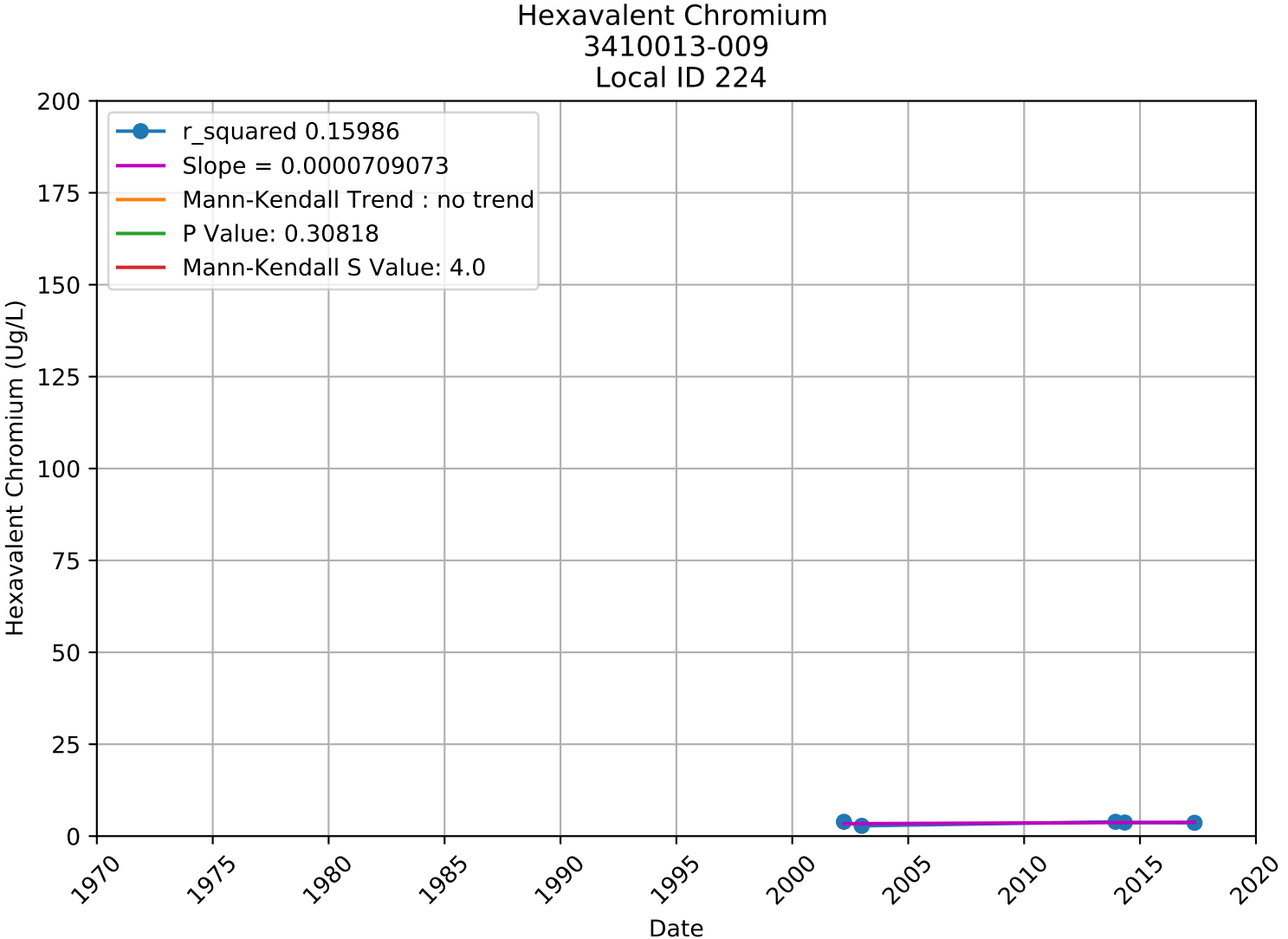

Hexavalent Chromium
3410013-004
Local ID 240
r_squared 0.02480
Slope = -0.0000209370
Mann-Kendall Trend : no trend
P Value: 0.73410
Mann-Kendall S Value: -2.0
Hexavalent Chromium (Ug/L)
Date
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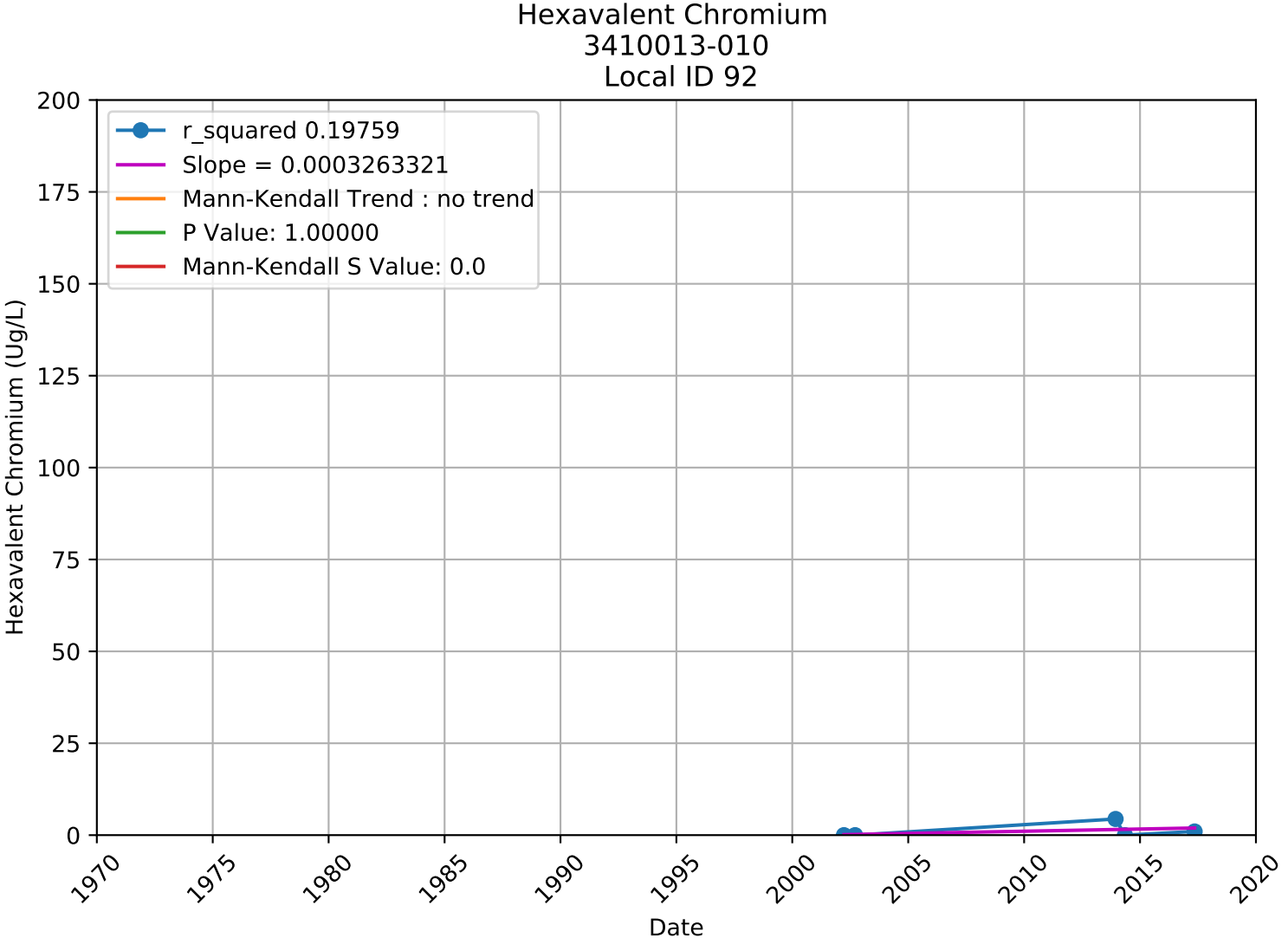

Hexavalent Chromium
3410013-005
Local ID 178
r_squared 0.02785
Slope = 0.0000408537
Mann-Kendall Trend : no trend
P Value: 0.73410
Mann-Kendall S Value: 2.0
Hexavalent Chromium (Ug/L)
Date
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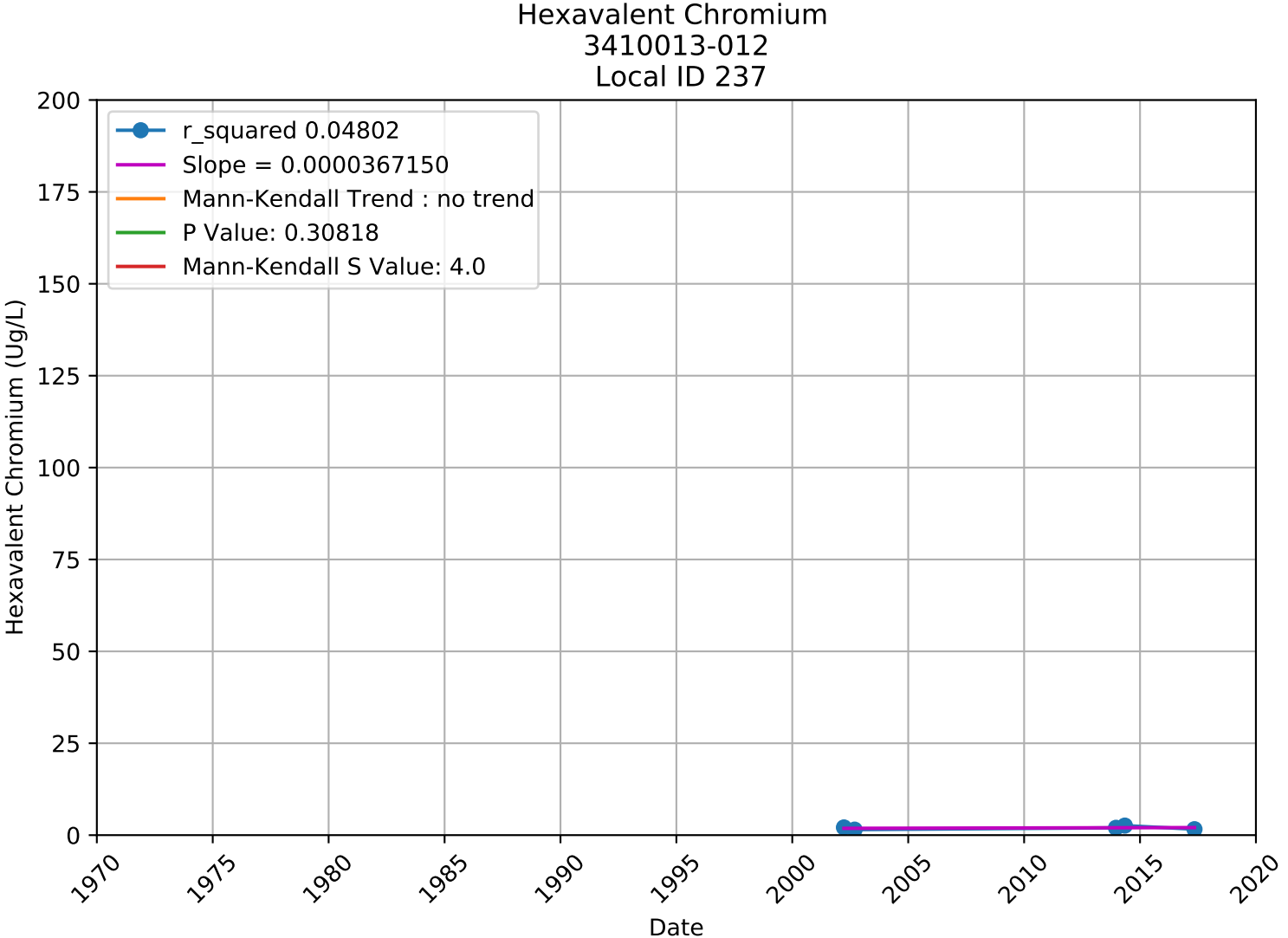

Hexavalent Chromium
3410013-006
Local ID 63
r_squared 0.03688
Slope = 0.0000751483
Mann-Kendall Trend : no trend
P Value: 0.30818
Mann-Kendall S Value: 4.0
Hexavalent Chromium (Ug/L)
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Date

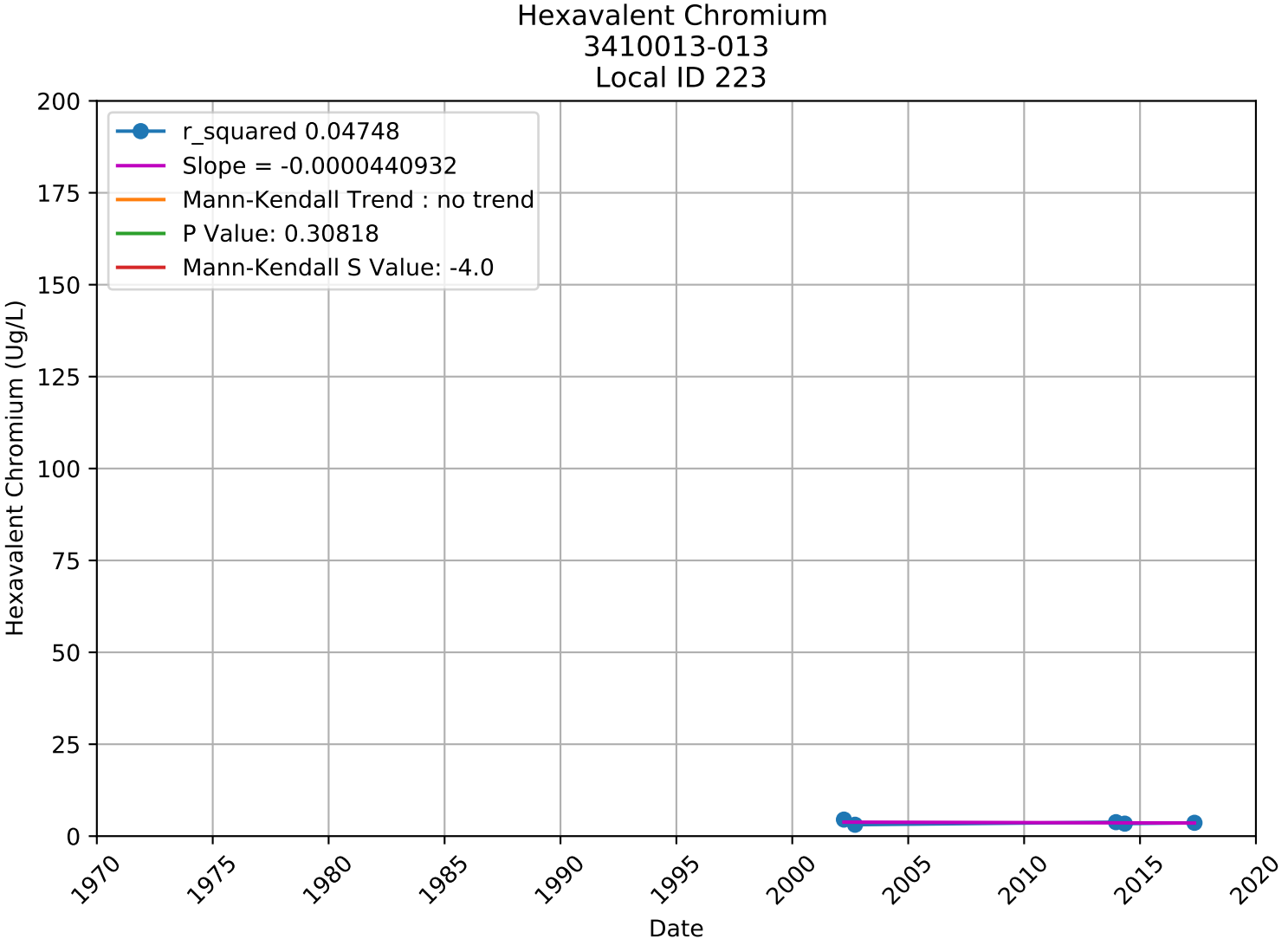

Hexavalent Chromium
3410013-007
Local ID 156
r_squared 0.03475
Slope = -0.0001837198
Mann-Kendall Trend : no trend
P Value: 0.73410
Mann-Kendall S Value: 2.0
Hexavalent Chromium (Ug/L)
Date
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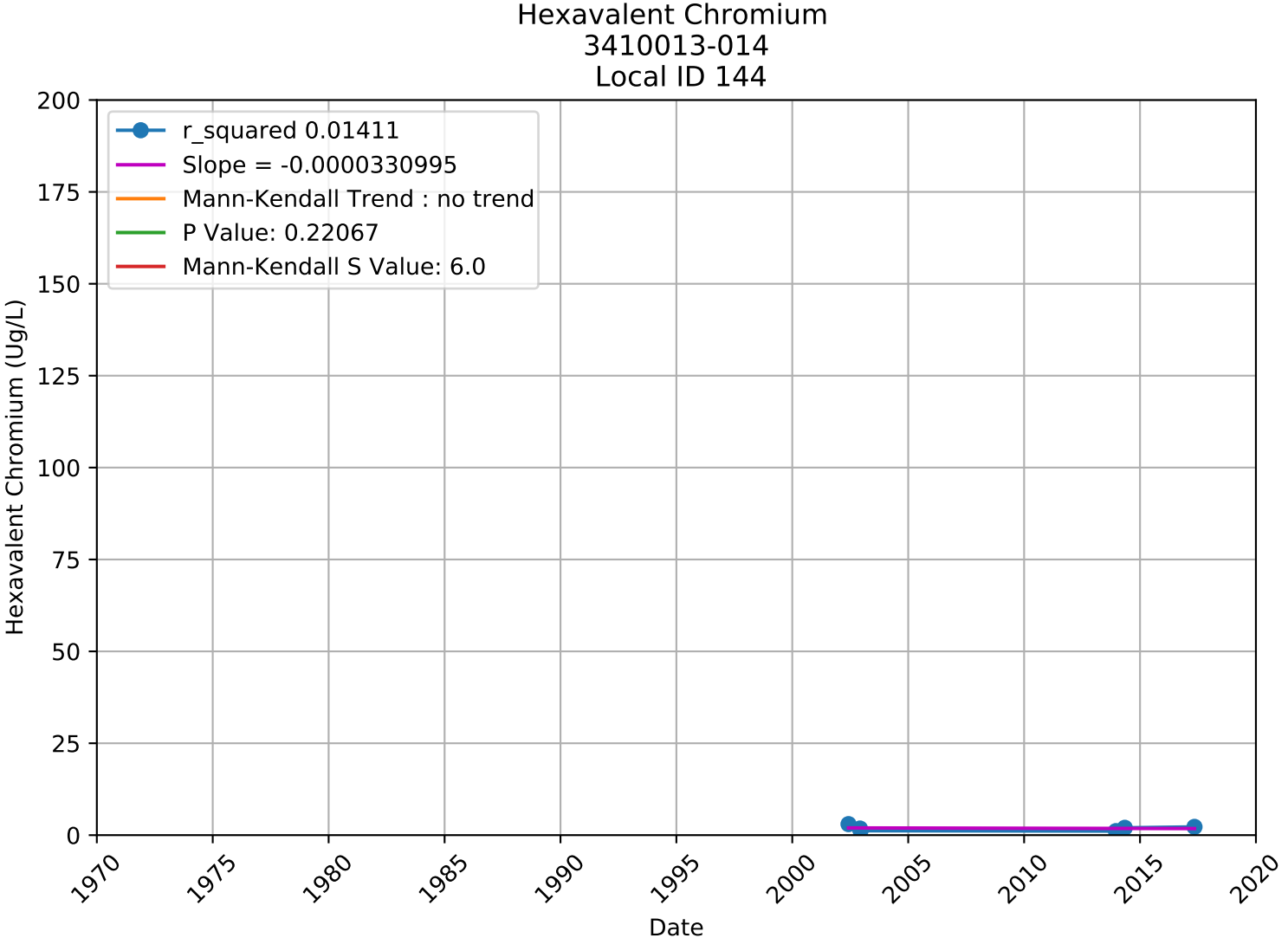

Hexavalent Chromium
3410013-008
Local ID 270
r_squared 0.52288
Slope = 0.0004622465
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Hexavalent Chromium (Ug/L)
Date
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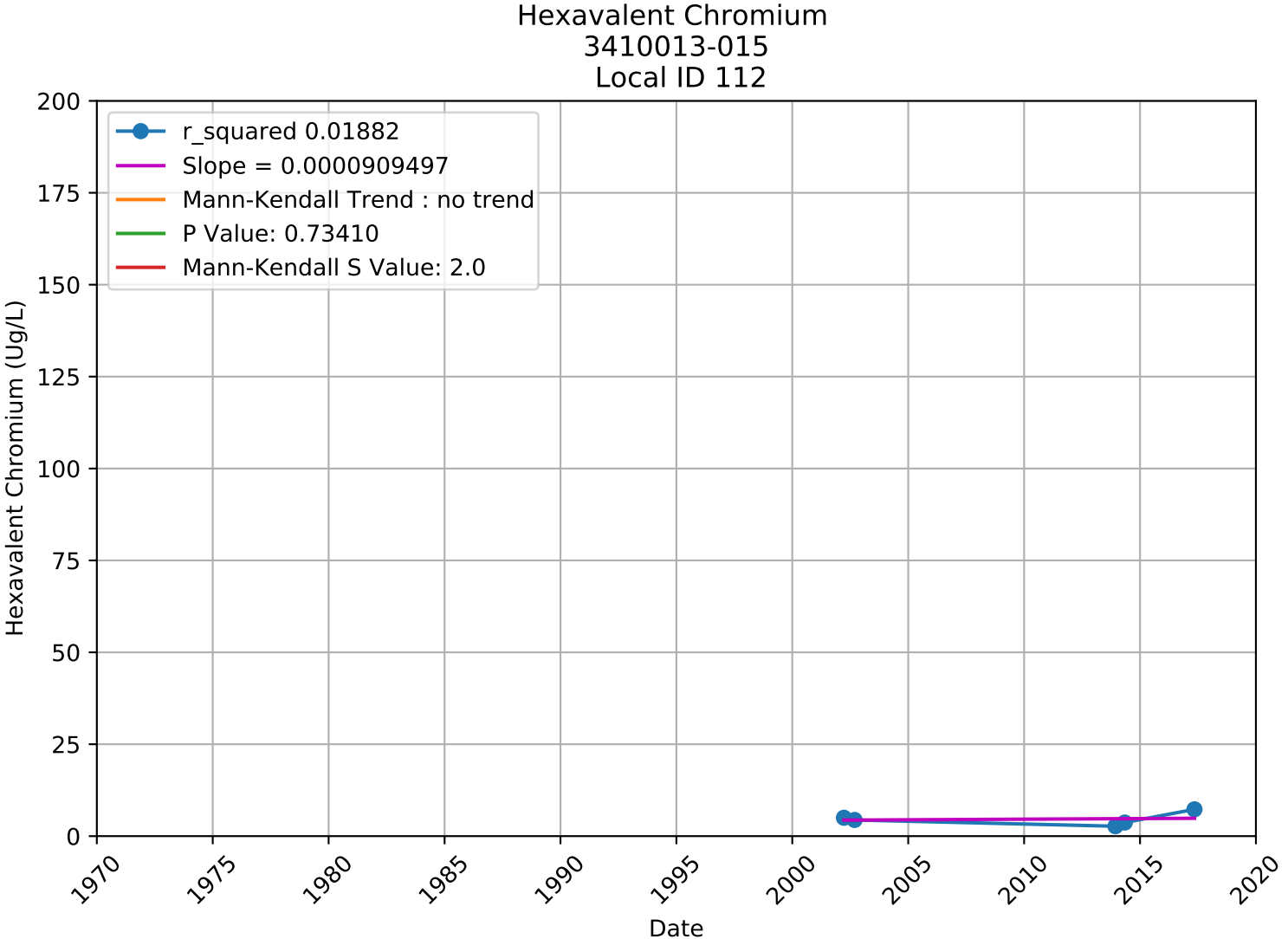

Hexavalent Chromium
3410013-009
Local ID 224
r_squared 0.15986
Slope = 0.0000709073
Mann-Kendall Trend : no trend
P Value: 0.30818
Mann-Kendall S Value: 4.0
Hexavalent Chromium (Ug/L)
200
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Date

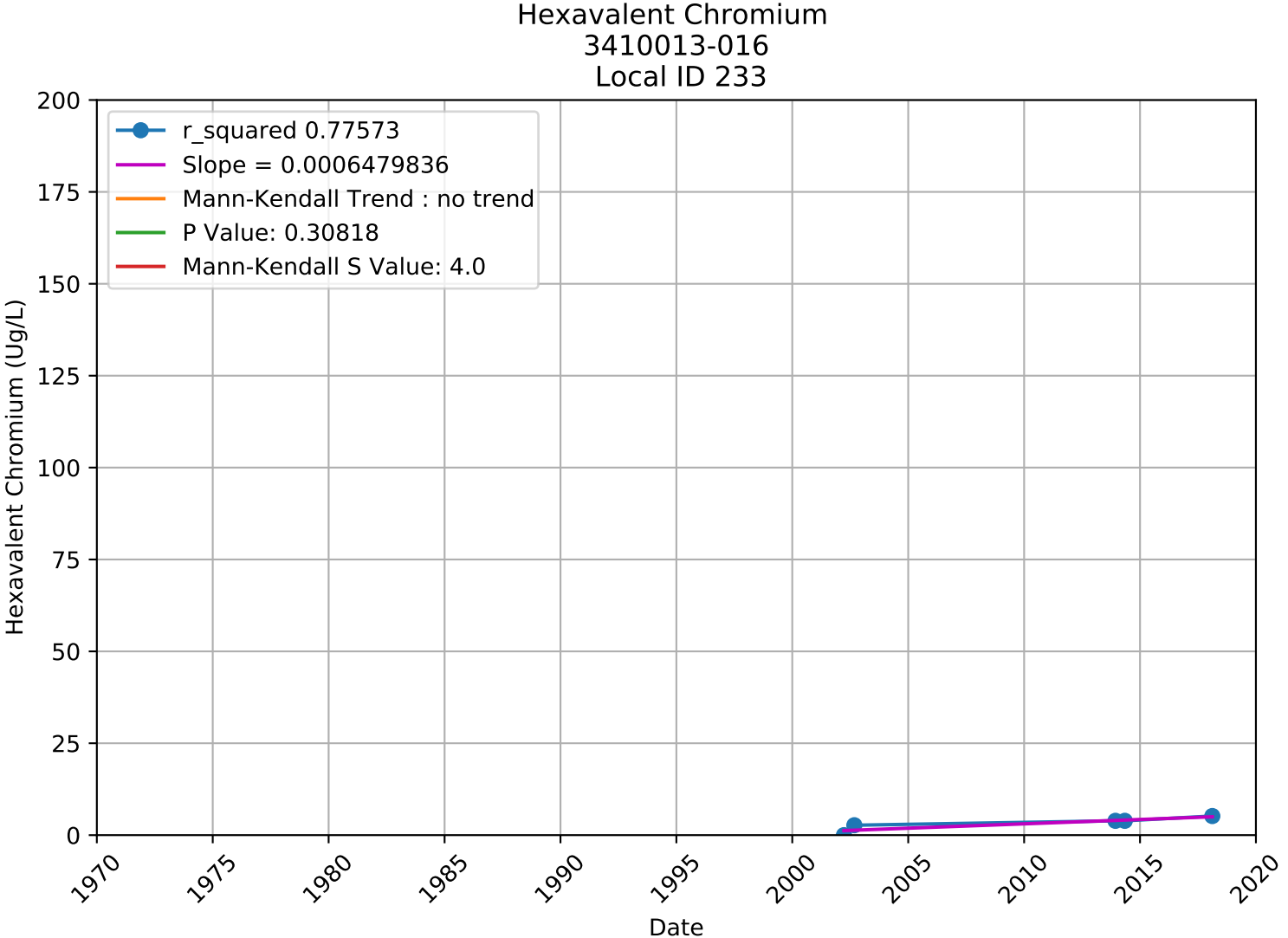

Hexavalent Chromium
3410013-010
Local ID 92
r_squared 0.19759
Slope = 0.0003263321
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Hexavalent Chromium (Ug/L)
Date
200
175
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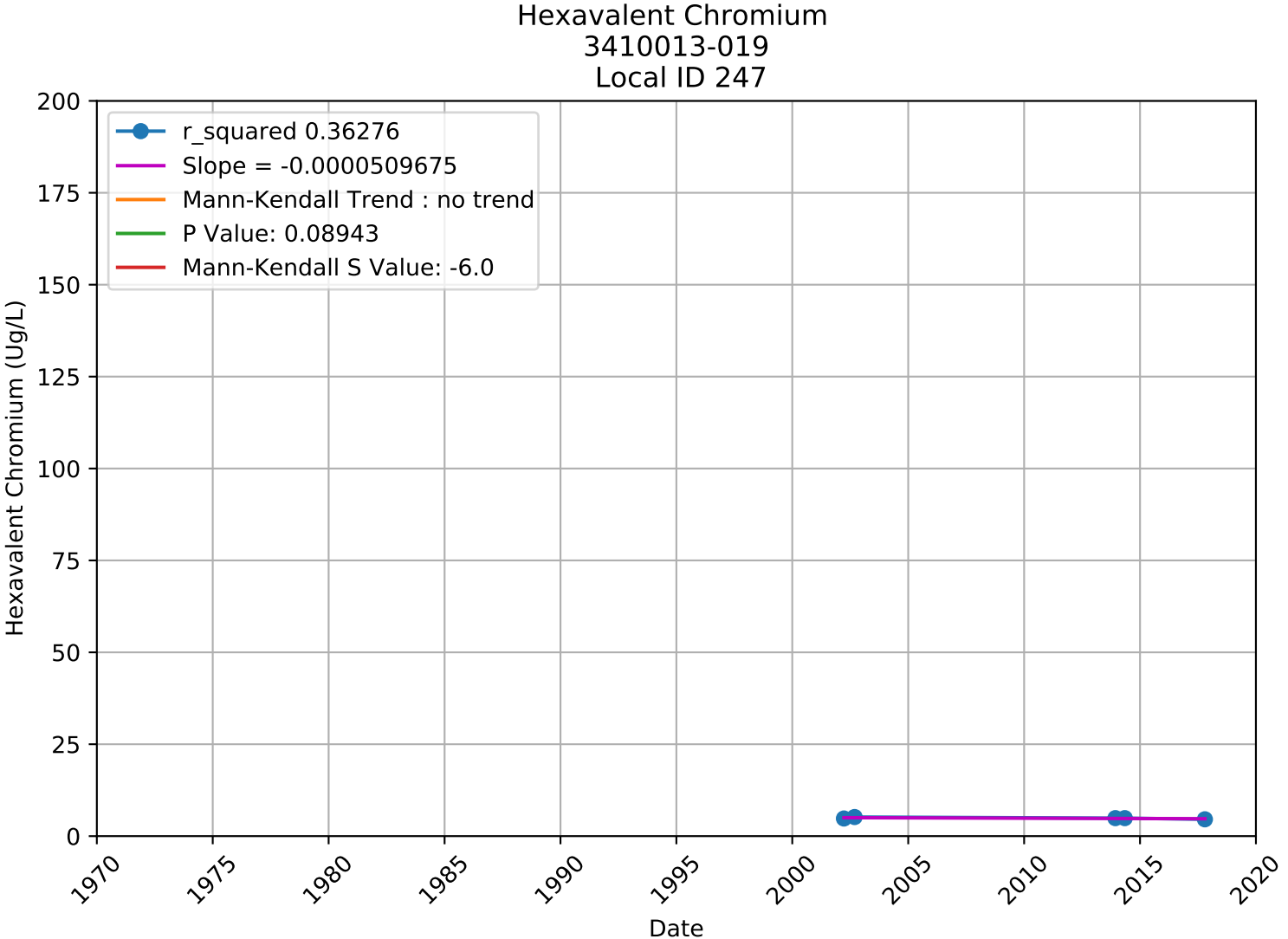

Hexavalent Chromium
3410013-012
Local ID 237
r_squared 0.04802
Slope = 0.0000367150
Mann-Kendall Trend : no trend
P Value: 0.30818
Mann-Kendall S Value: 4.0
Hexavalent Chromium (Ug/L)
200
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Date

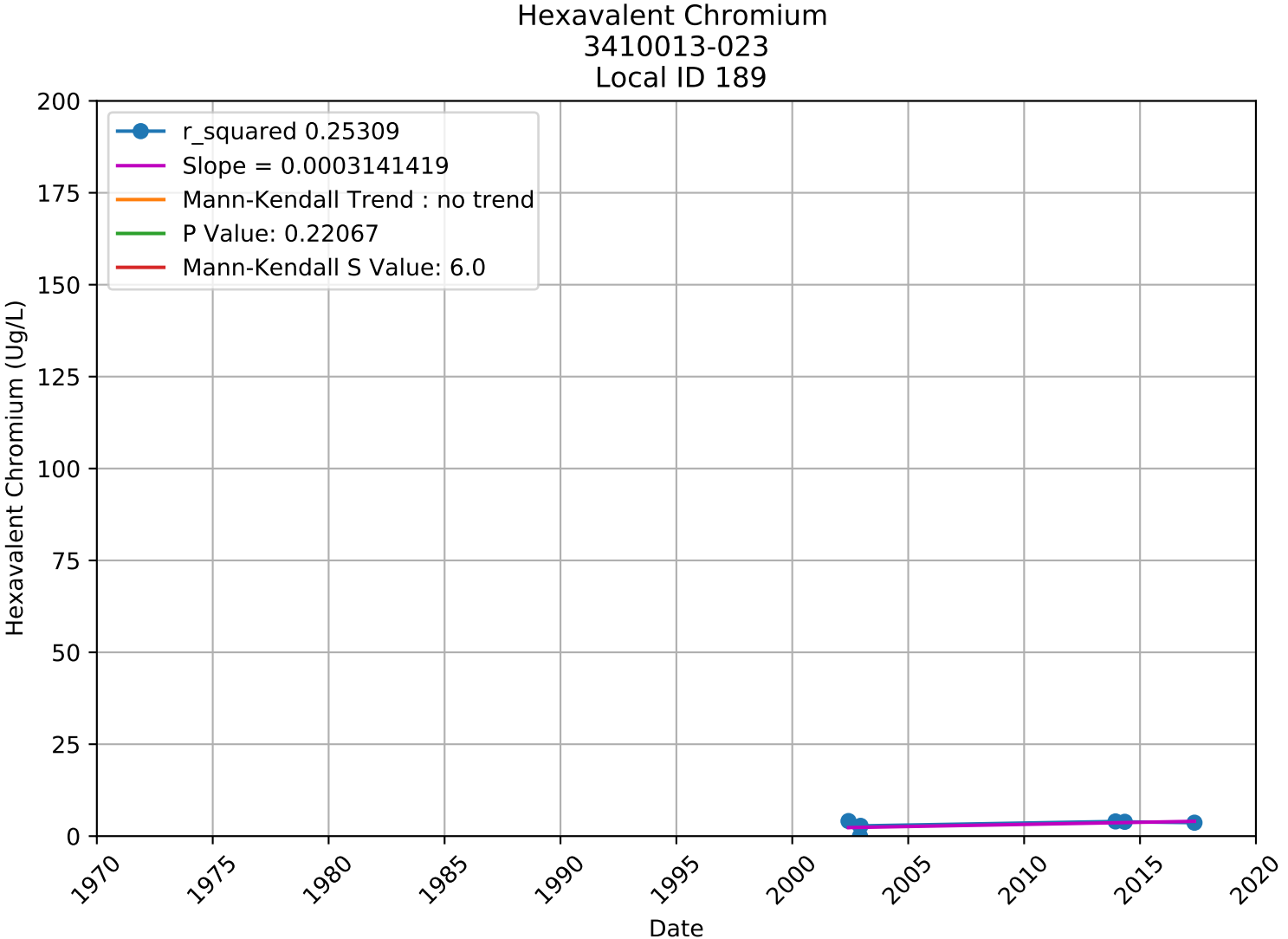

Hexavalent Chromium
3410013-013
Local ID 223
r_squared 0.04748
Slope = -0.0000440932
Mann-Kendall Trend : no trend
P Value: 0.30818
Mann-Kendall S Value: -4.0
Hexavalent Chromium (Ug/L)
Date
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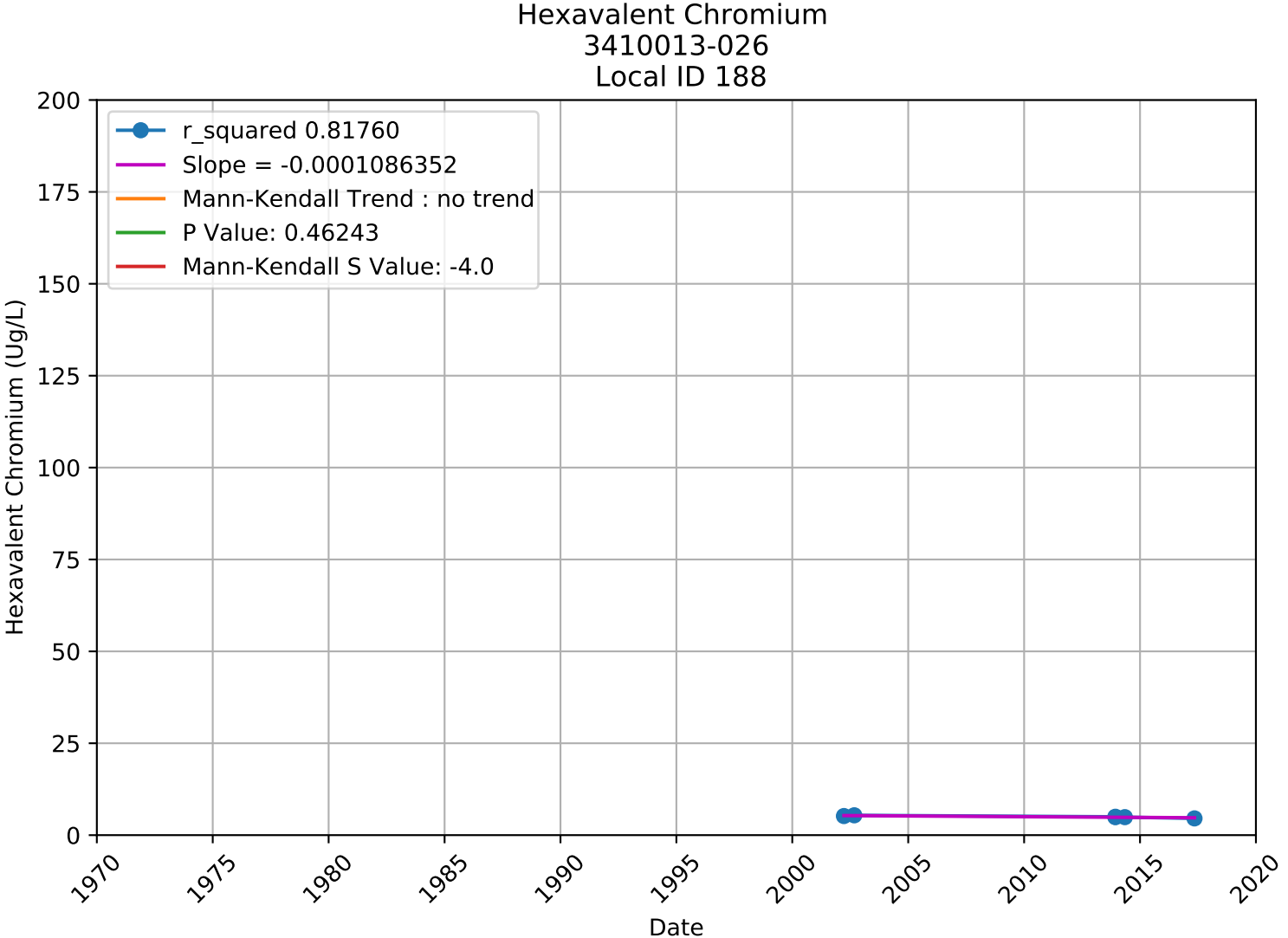

Hexavalent Chromium
3410013-014
Local ID 144
r_squared 0.01411
Slope = -0.0000330995
Mann-Kendall Trend : no trend
P Value: 0.22067
Mann-Kendall S Value: 6.0
Hexavalent Chromium (Ug/L)
Date
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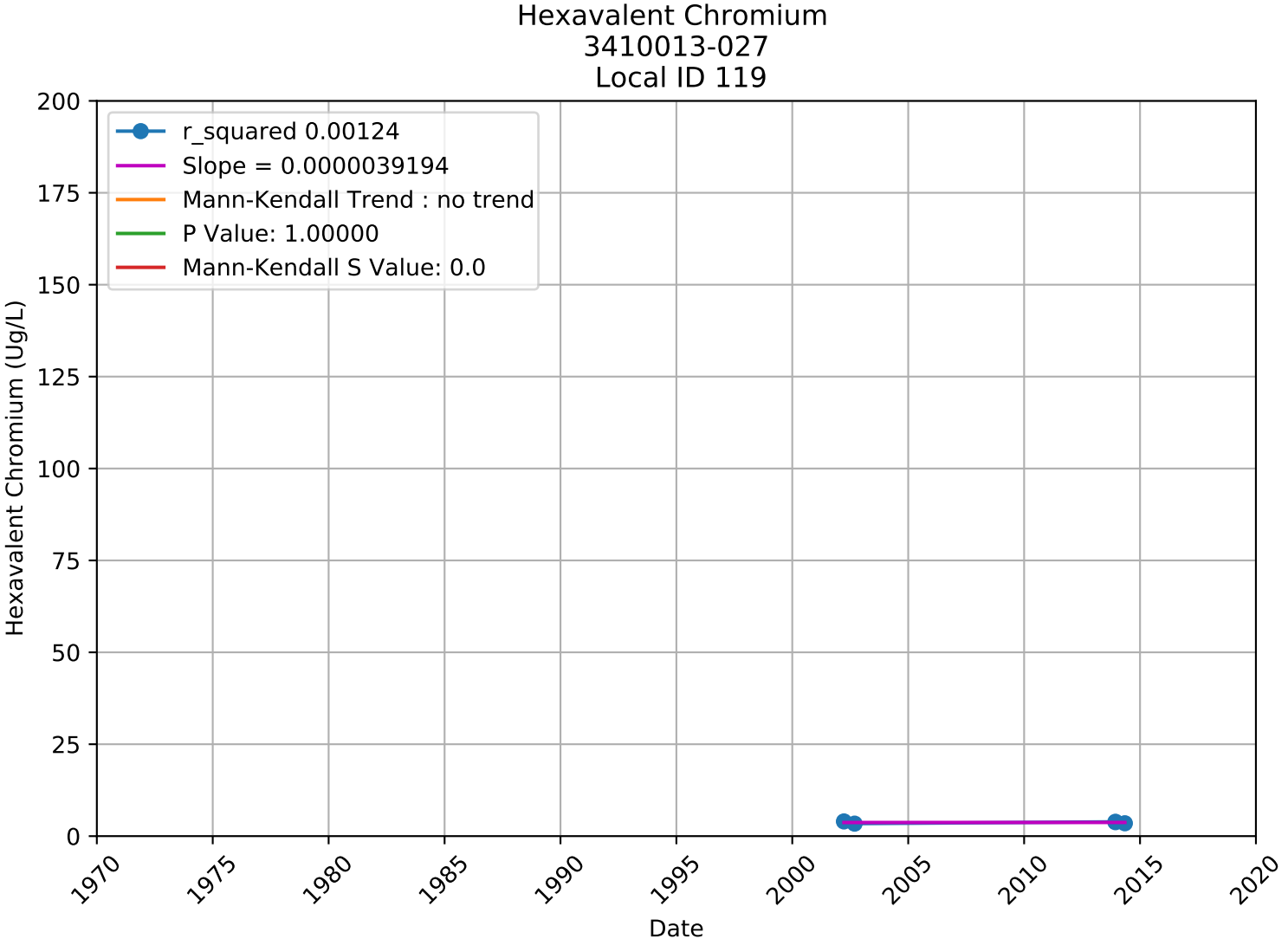

Hexavalent Chromium
3410013-015
Local ID 112
r_squared 0.01882
Slope = 0.0000909497
Mann-Kendall Trend : no trend
P Value: 0.73410
Mann-Kendall S Value: 2.0
Hexavalent Chromium (Ug/L)
Date
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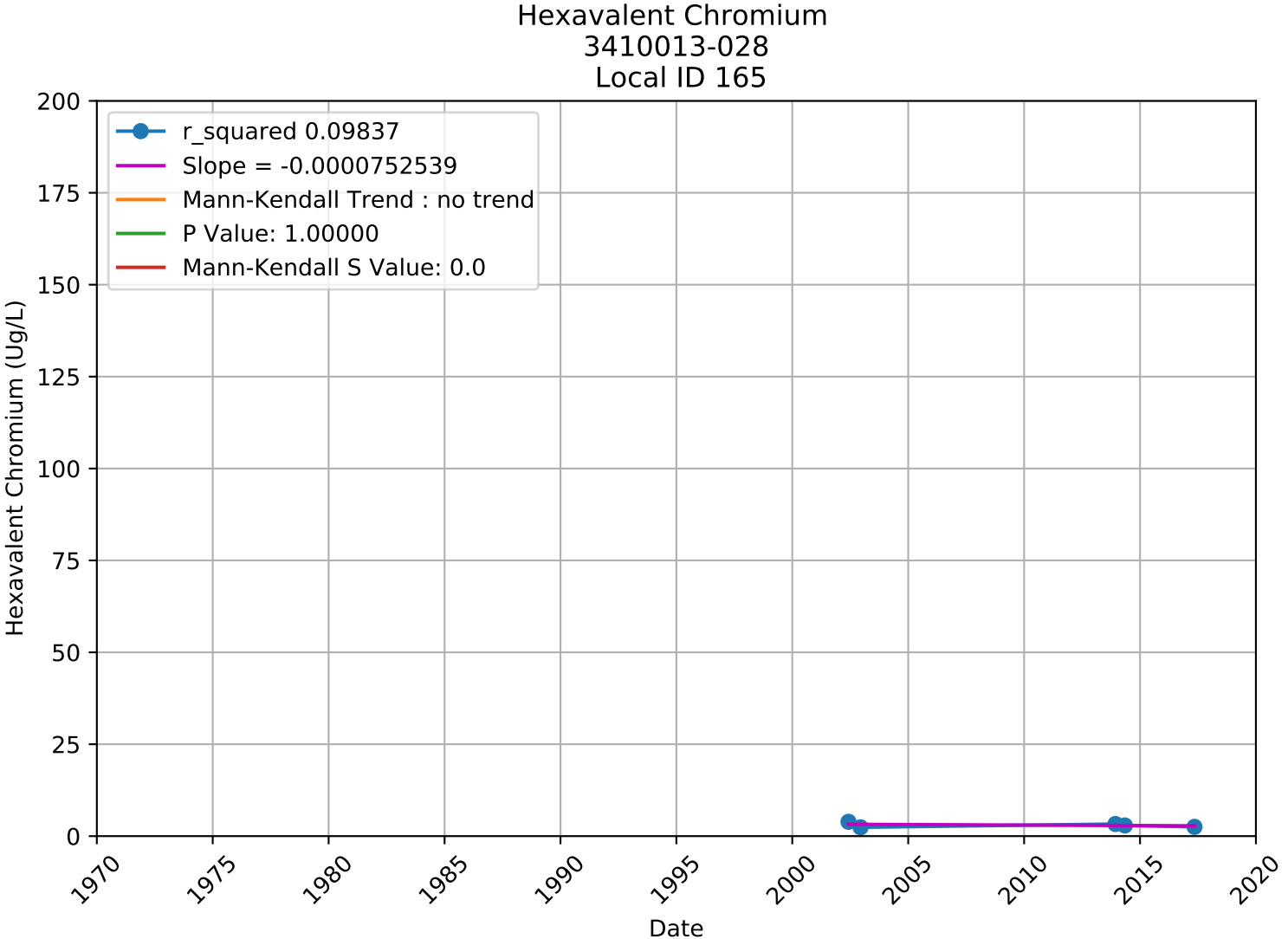

Hexavalent Chromium
3410013-016
Local ID 233
r_squared 0.77573
Slope = 0.0006479836
Mann-Kendall Trend : no trend
P Value: 0.30818
Mann-Kendall S Value: 4.0
Hexavalent Chromium (Ug/L)
Date
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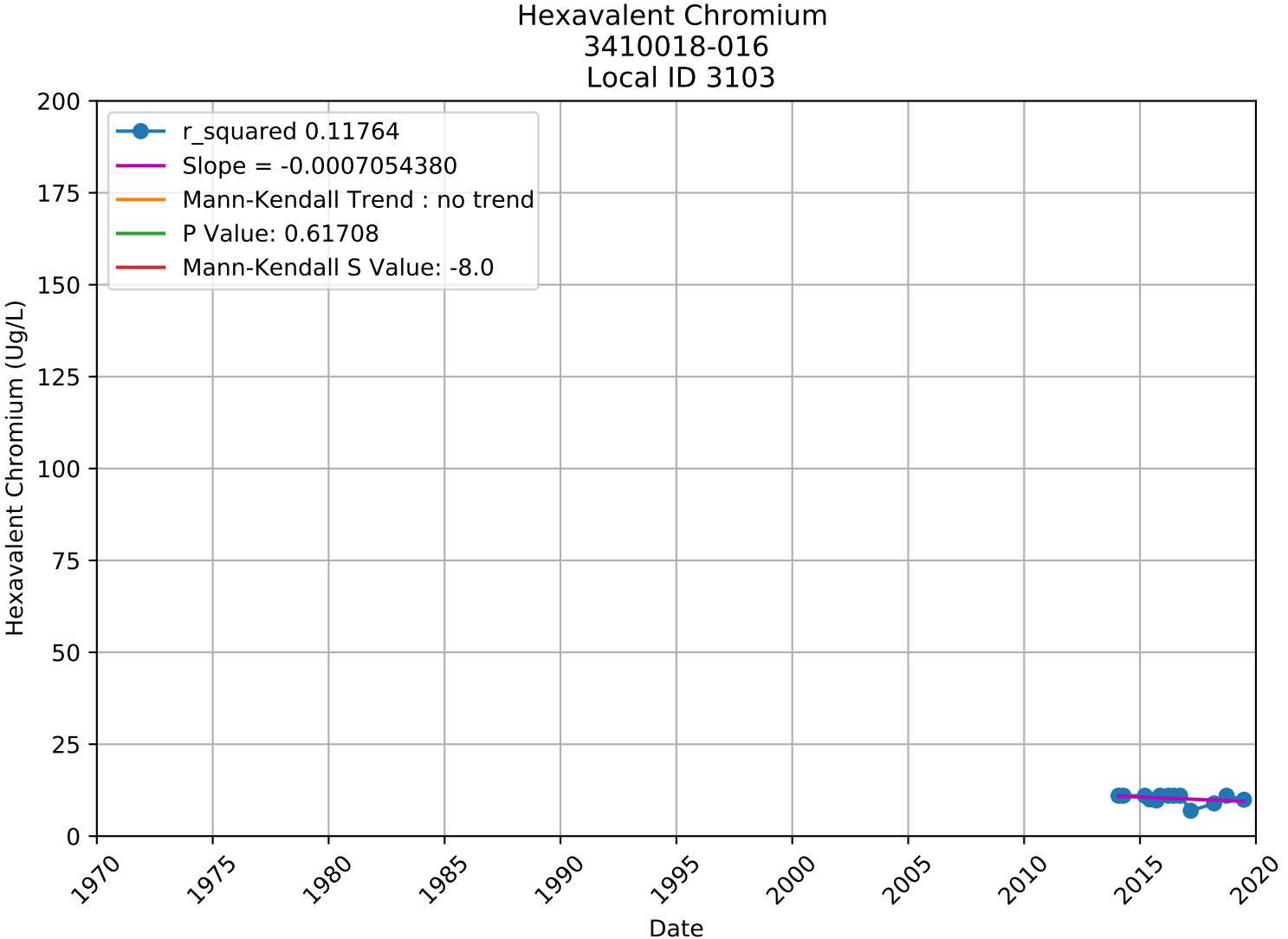

Hexavalent Chromium
3410013-019
Local ID 247
r_squared 0.36276
Slope = -0.0000509675
Mann-Kendall Trend : no trend
P Value: 0.08943
Mann-Kendall S Value: -6.0
Hexavalent Chromium (Ug/L)
Date
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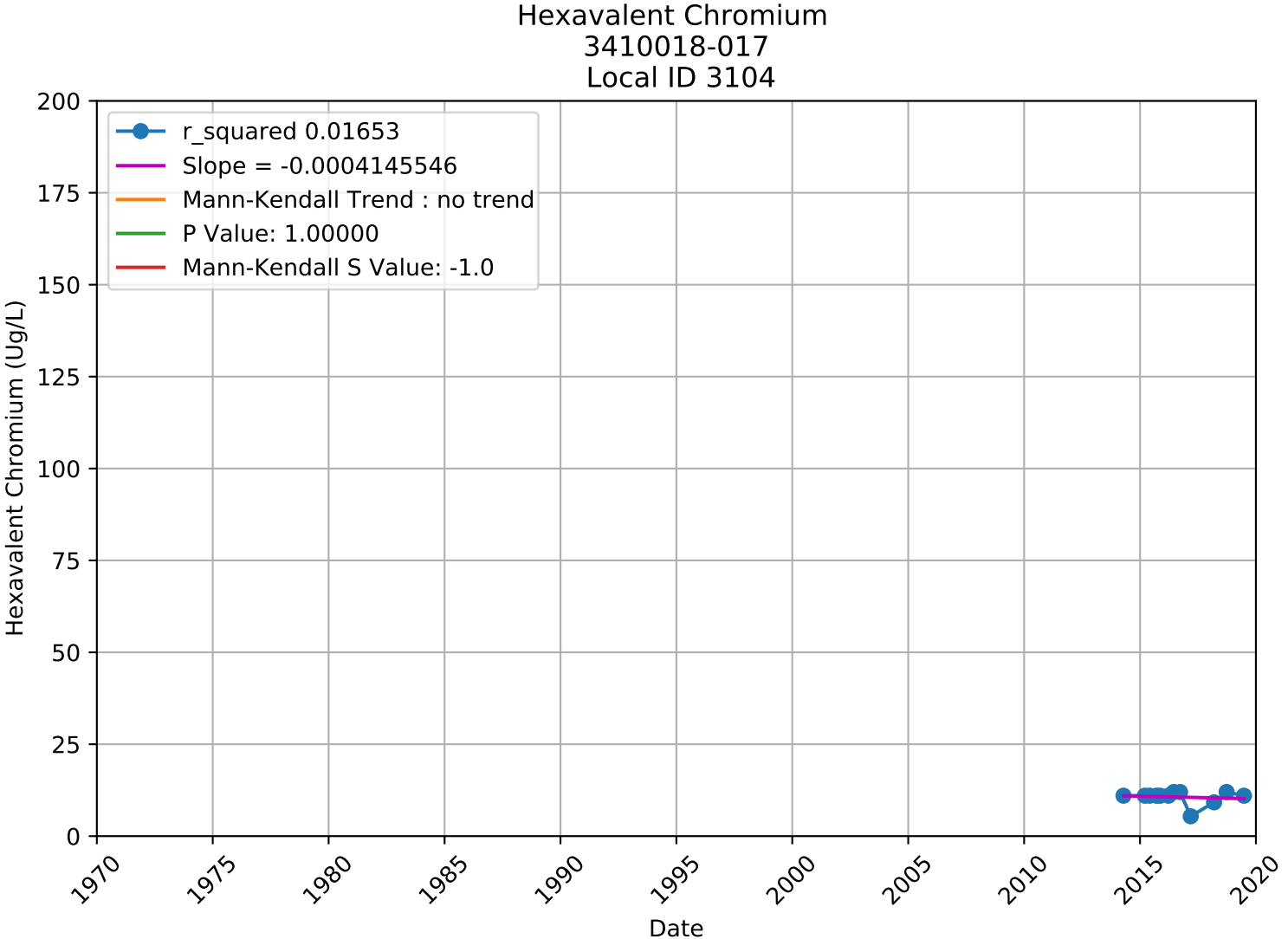

Hexavalent Chromium
3410013-023
Local ID 189
r_squared 0.25309
Slope = 0.0003141419
Mann-Kendall Trend : no trend
P Value: 0.22067
Mann-Kendall S Value: 6.0
Hexavalent Chromium (Ug/L)
Date
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125
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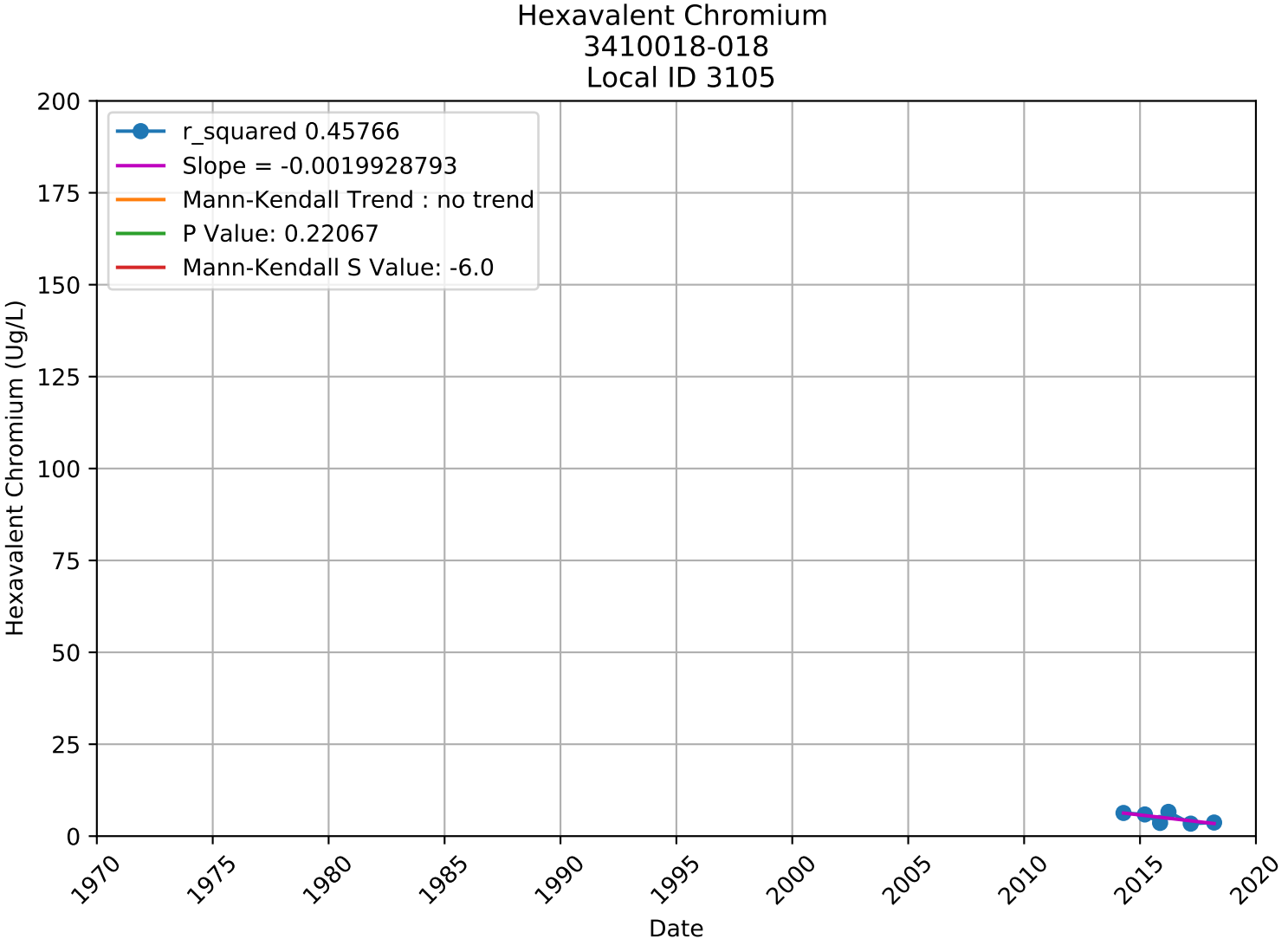

Hexavalent Chromium
3410013-026
Local ID 188
r_squared 0.81760
Slope = -0.0001086352
Mann-Kendall Trend : no trend
P Value: 0.46243
Mann-Kendall S Value: -4.0
Hexavalent Chromium (Ug/L)
Date
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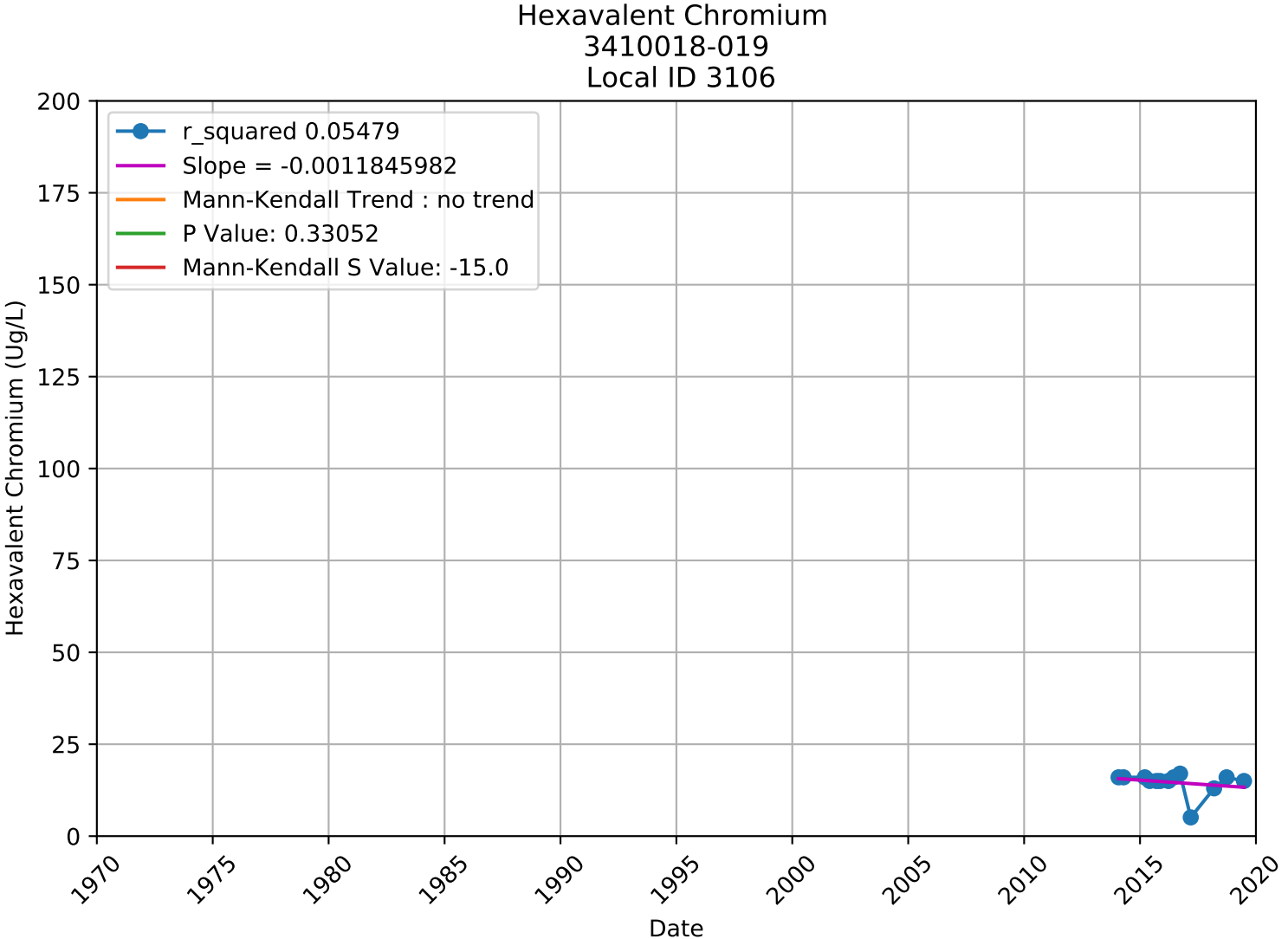

Hexavalent Chromium
3410013-027
Local ID 119
r_squared 0.00124
Slope = 0.0000039194
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Hexavalent Chromium (Ug/L)
Date
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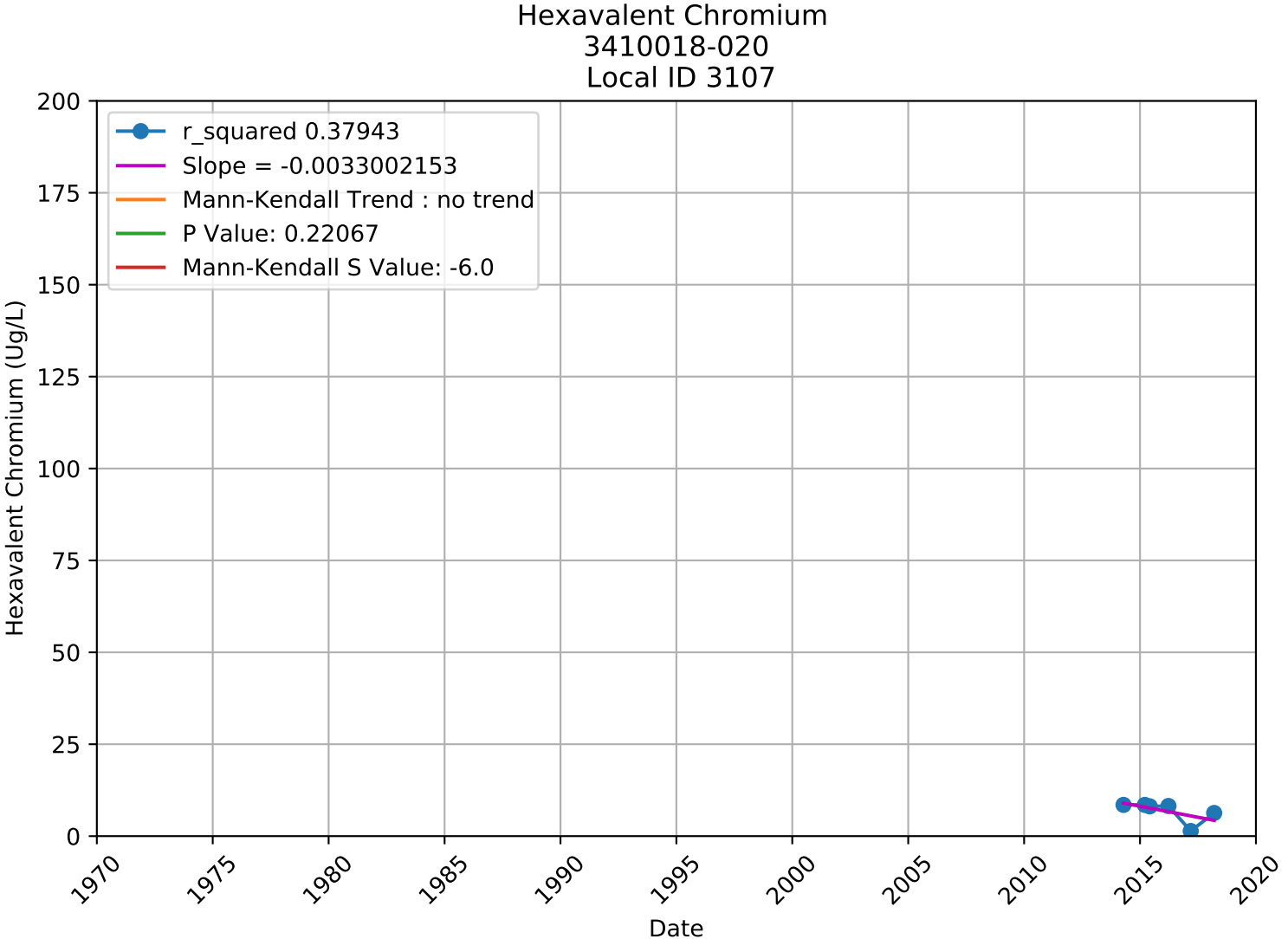

Hexavalent Chromium
3410013-028
Local ID 165
r_squared 0.09837
Slope = -0.0000752539
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Hexavalent Chromium (Ug/L)
Date
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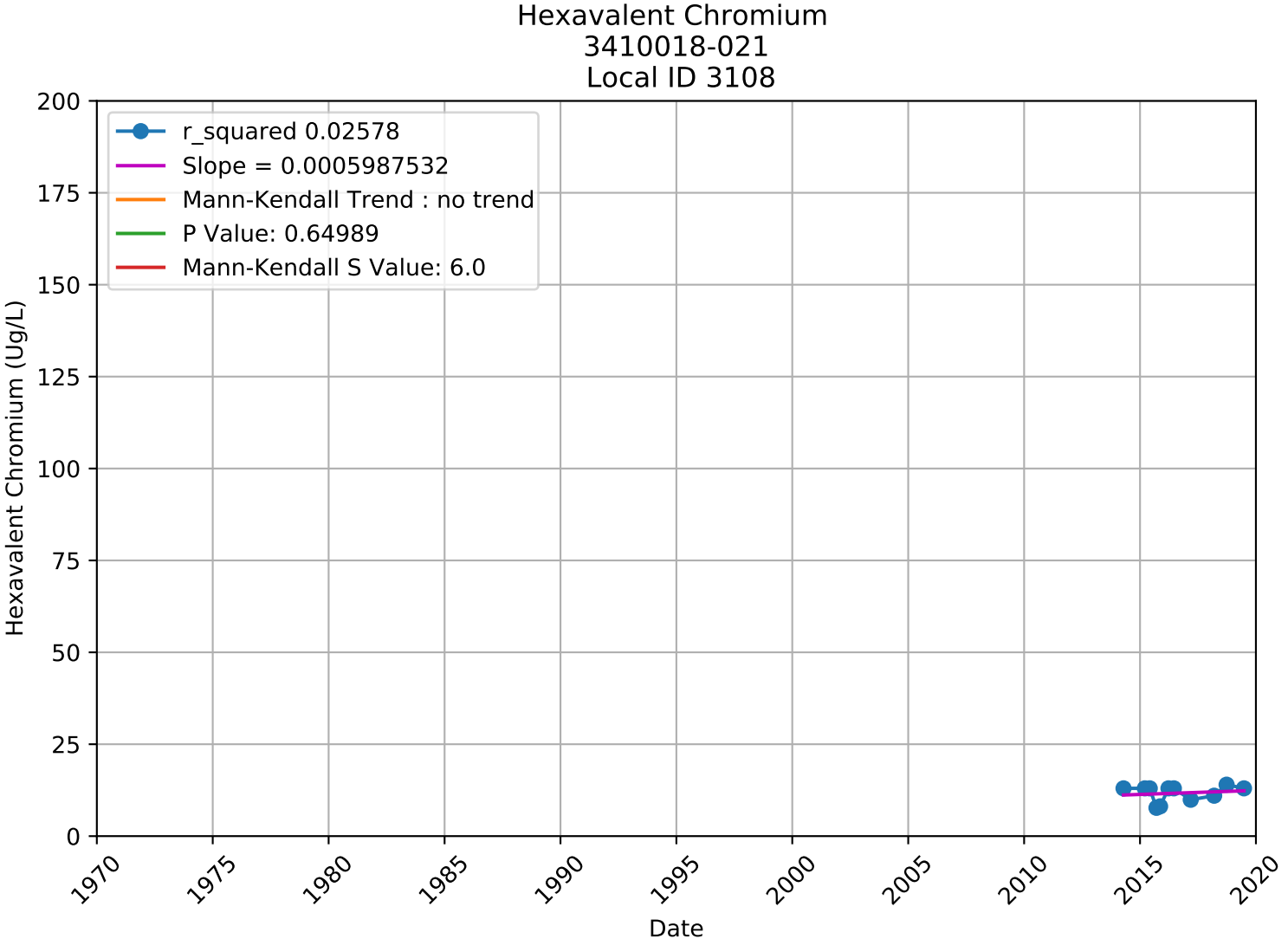

Hexavalent Chromium
3410018-016
Local ID 3103
r_squared 0.11764
Slope = -0.0007054380
Mann-Kendall Trend : no trend
P Value: 0.61708
Mann-Kendall S Value: -8.0
Hexavalent Chromium (Ug/L)
Date
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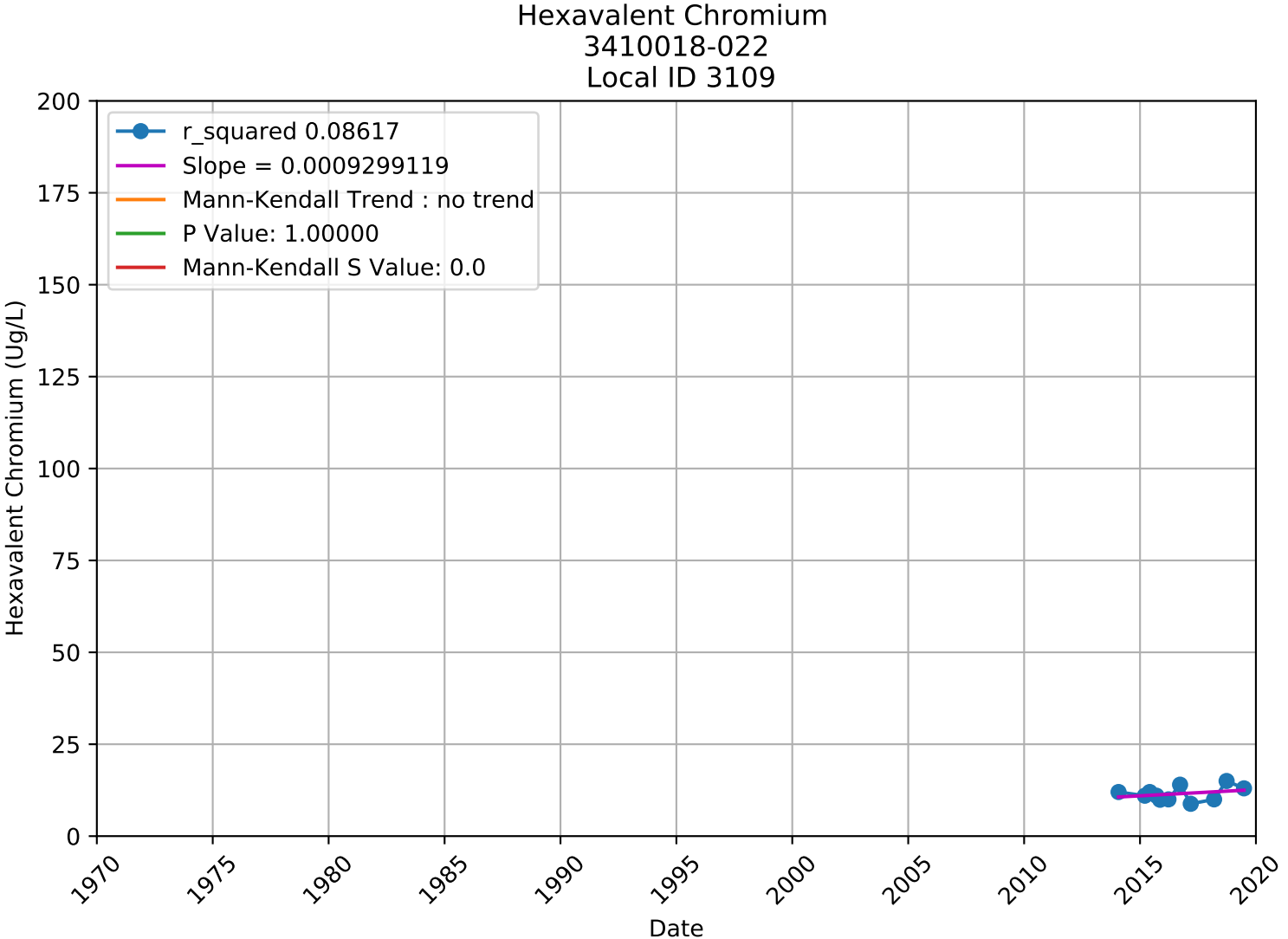

Hexavalent Chromium
3410018-017
Local ID 3104
r_squared 0.01653
Slope = -0.0004145546
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
Hexavalent Chromium (Ug/L)
Date
200
175
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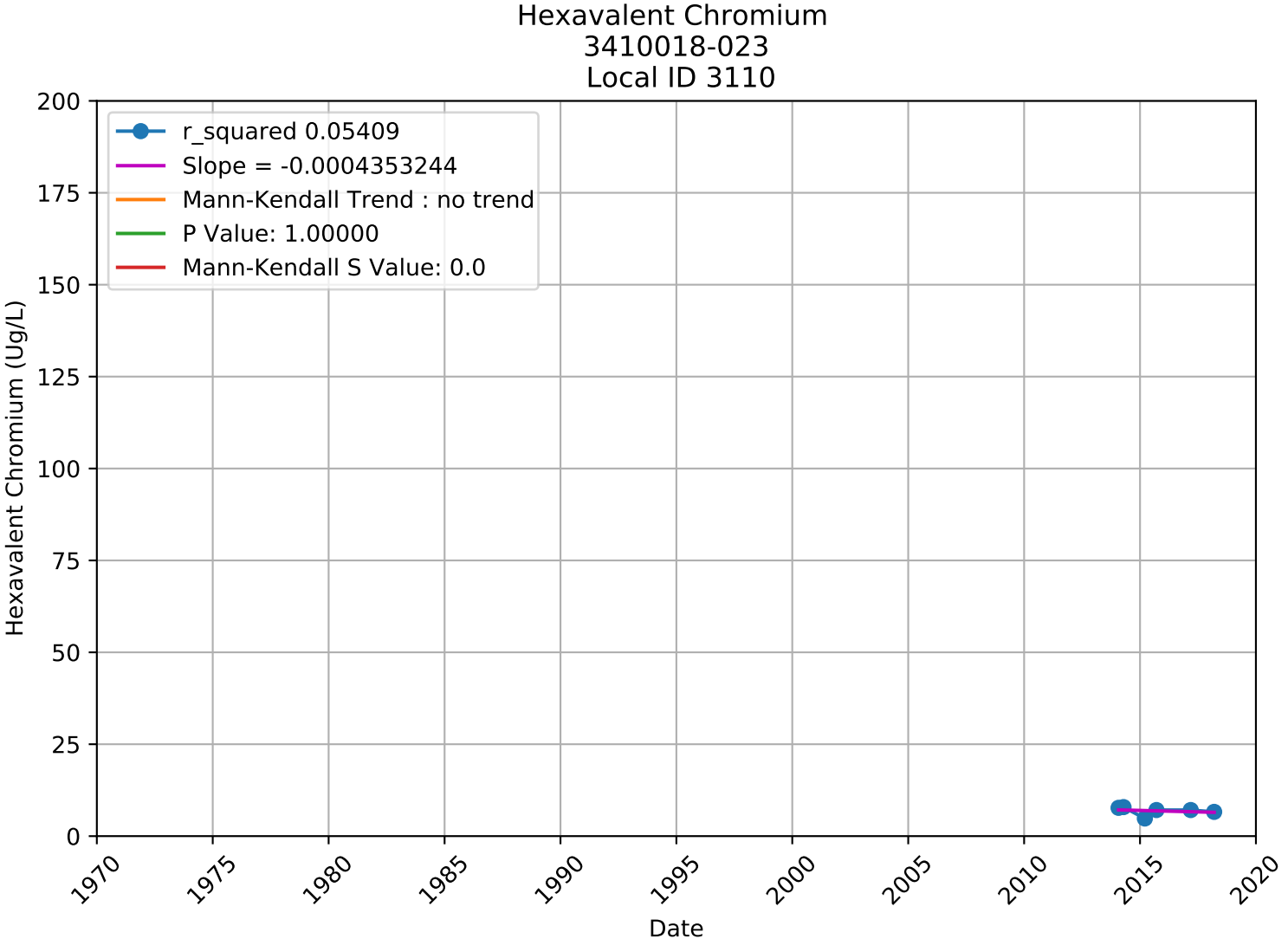

Hexavalent Chromium
3410018-018
Local ID 3105
r_squared 0.45766
Slope = -0.0019928793
Mann-Kendall Trend : no trend
P Value: 0.22067
Mann-Kendall S Value: -6.0
Hexavalent Chromium (Ug/L)
Date
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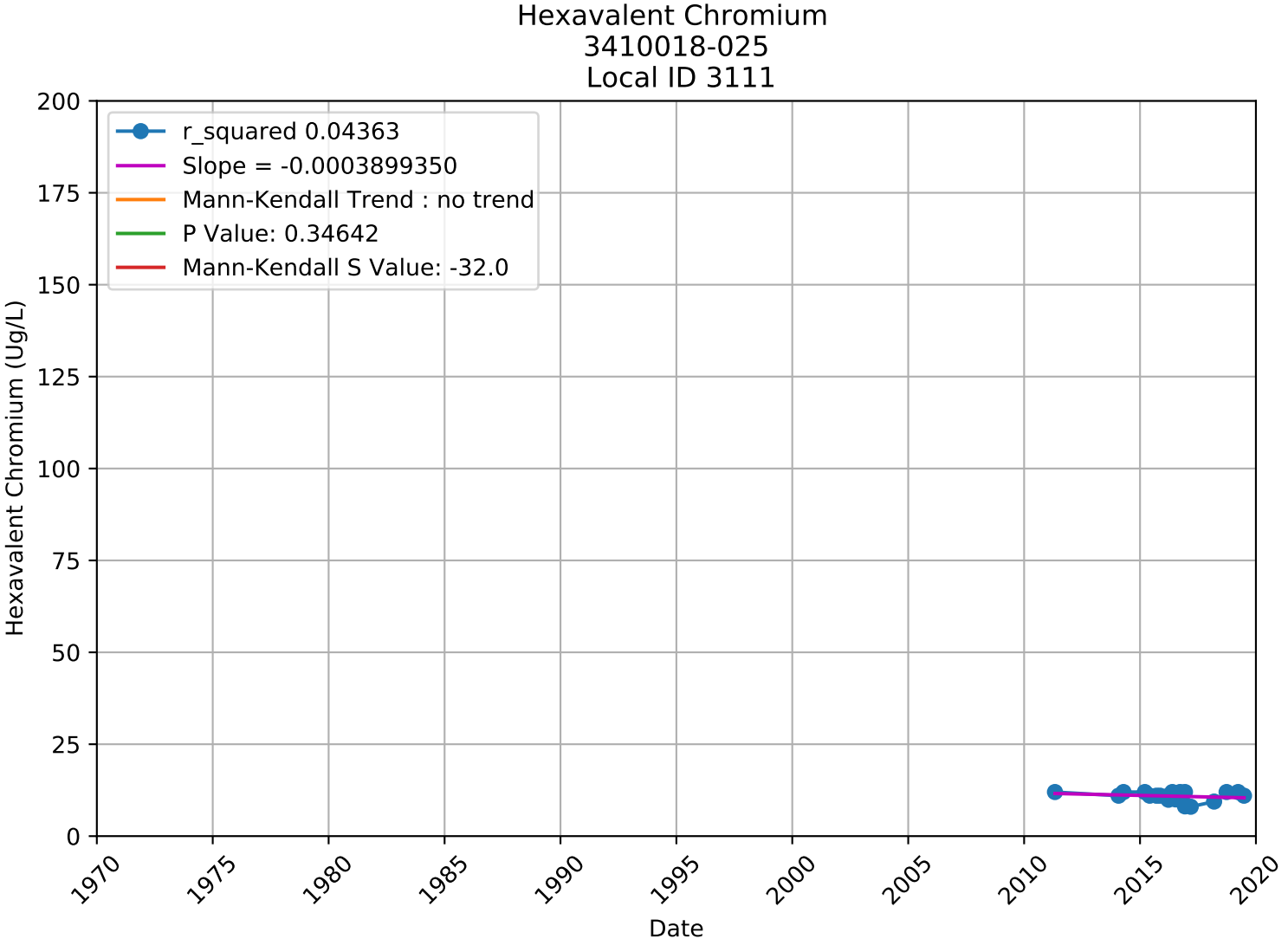

Hexavalent Chromium
3410018-019
Local ID 3106
r_squared 0.05479
Slope = -0.0011845982
Mann-Kendall Trend : no trend
P Value: 0.33052
Mann-Kendall S Value: -15.0
Hexavalent Chromium (Ug/L)
Date
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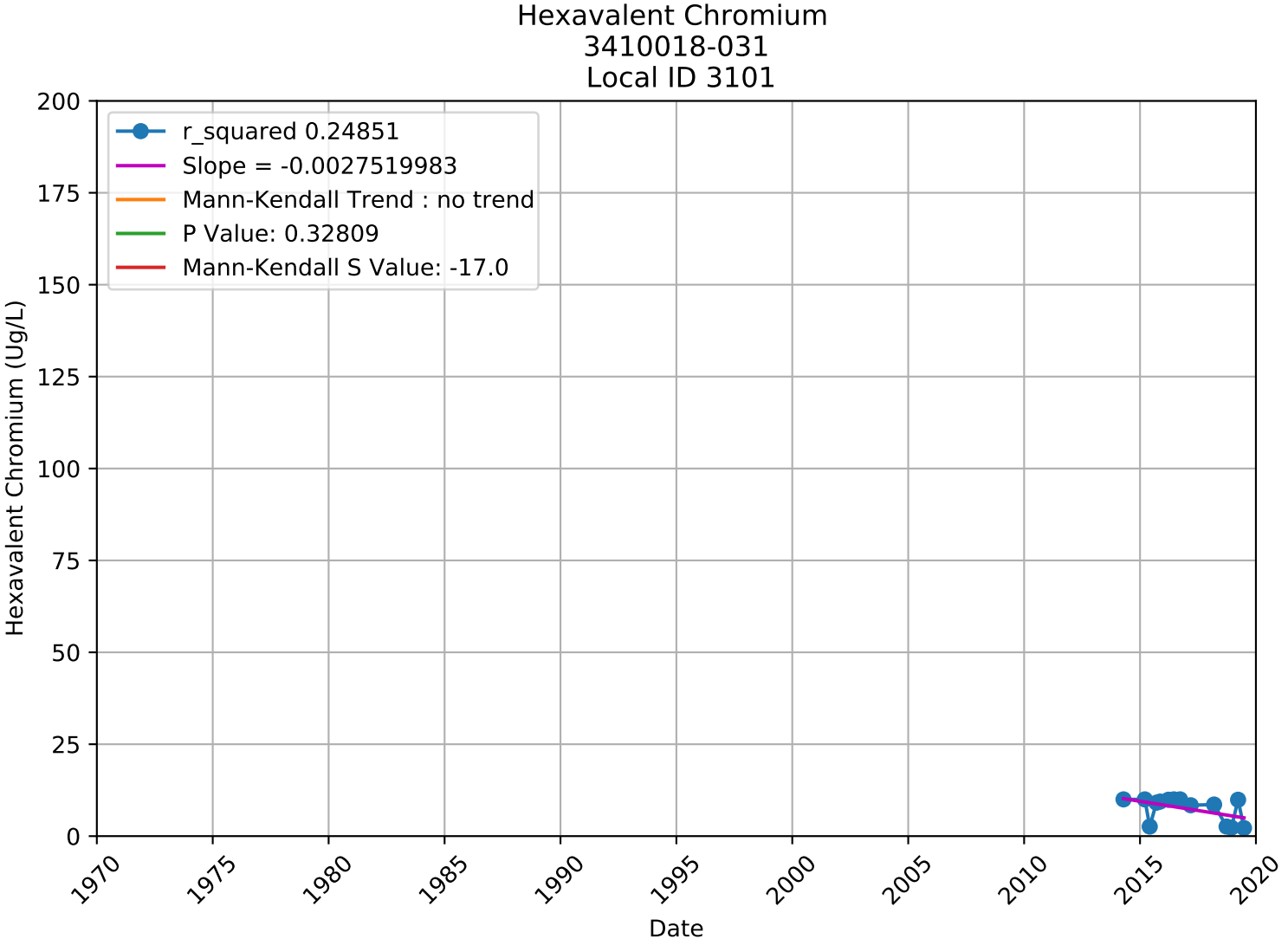

Hexavalent Chromium
3410018-020
Local ID 3107
r_squared 0.37943
Slope = -0.0033002153
Mann-Kendall Trend : no trend
P Value: 0.22067
Mann-Kendall S Value: -6.0
Hexavalent Chromium (Ug/L)
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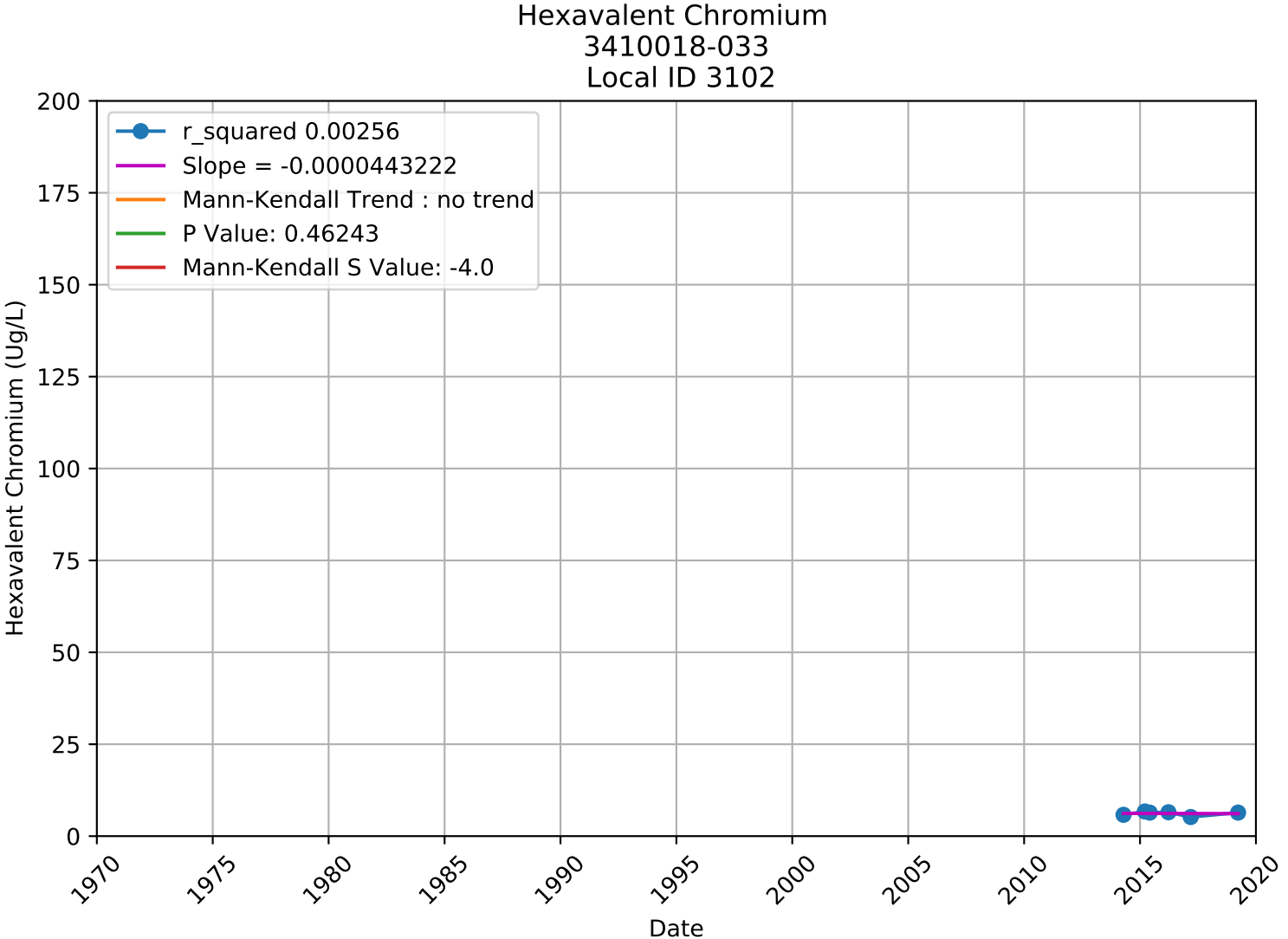

Hexavalent Chromium
3410018-021
Local ID 3108
r_squared 0.02578
Slope = 0.0005987532
Mann-Kendall Trend : no trend
P Value: 0.64989
Mann-Kendall S Value: 6.0
Hexavalent Chromium (Ug/L)
Date
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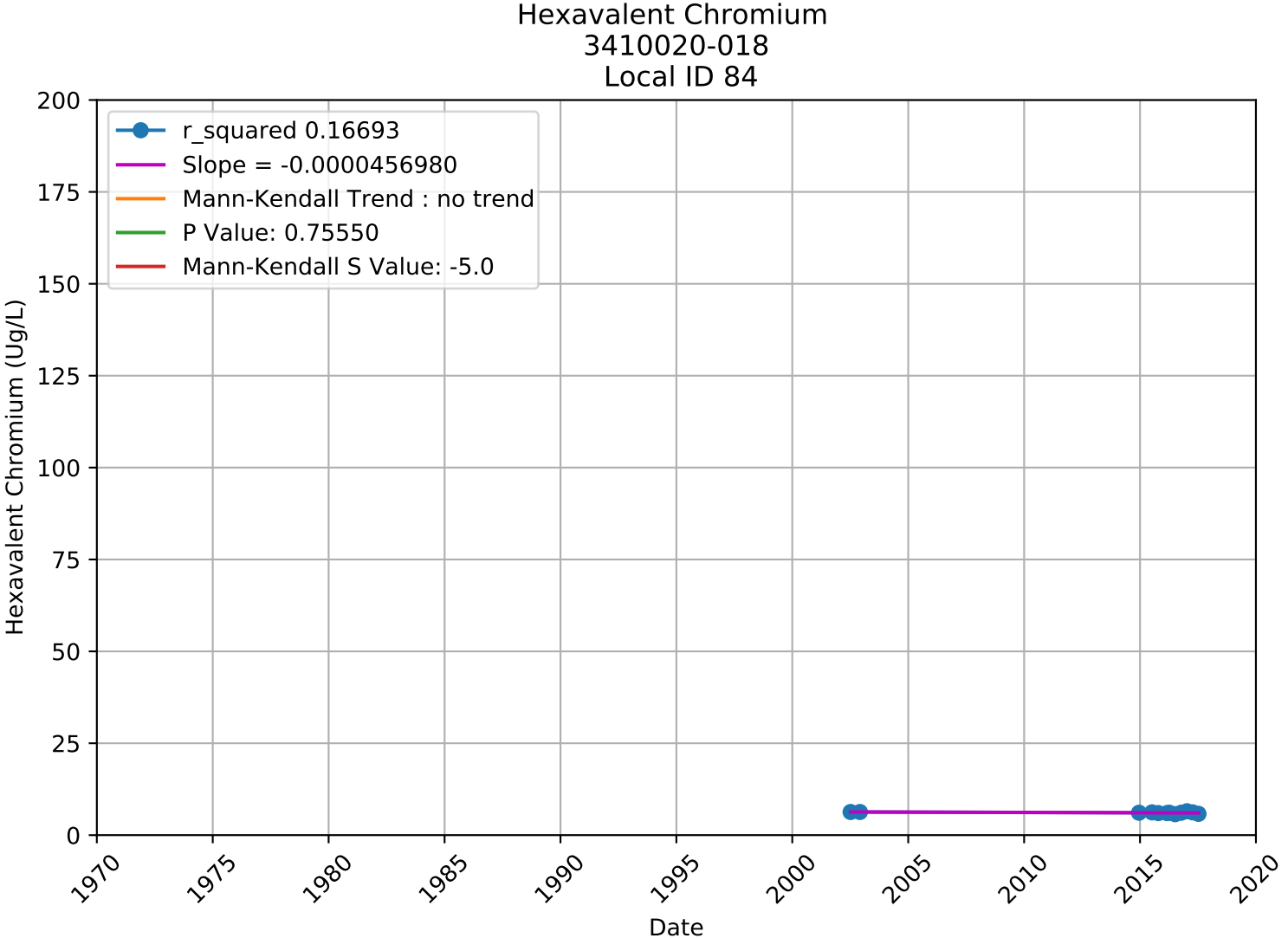

Hexavalent Chromium
3410018-022
Local ID 3109
r_squared 0.08617
Slope = 0.0009299119
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Hexavalent Chromium (Ug/L)
Date
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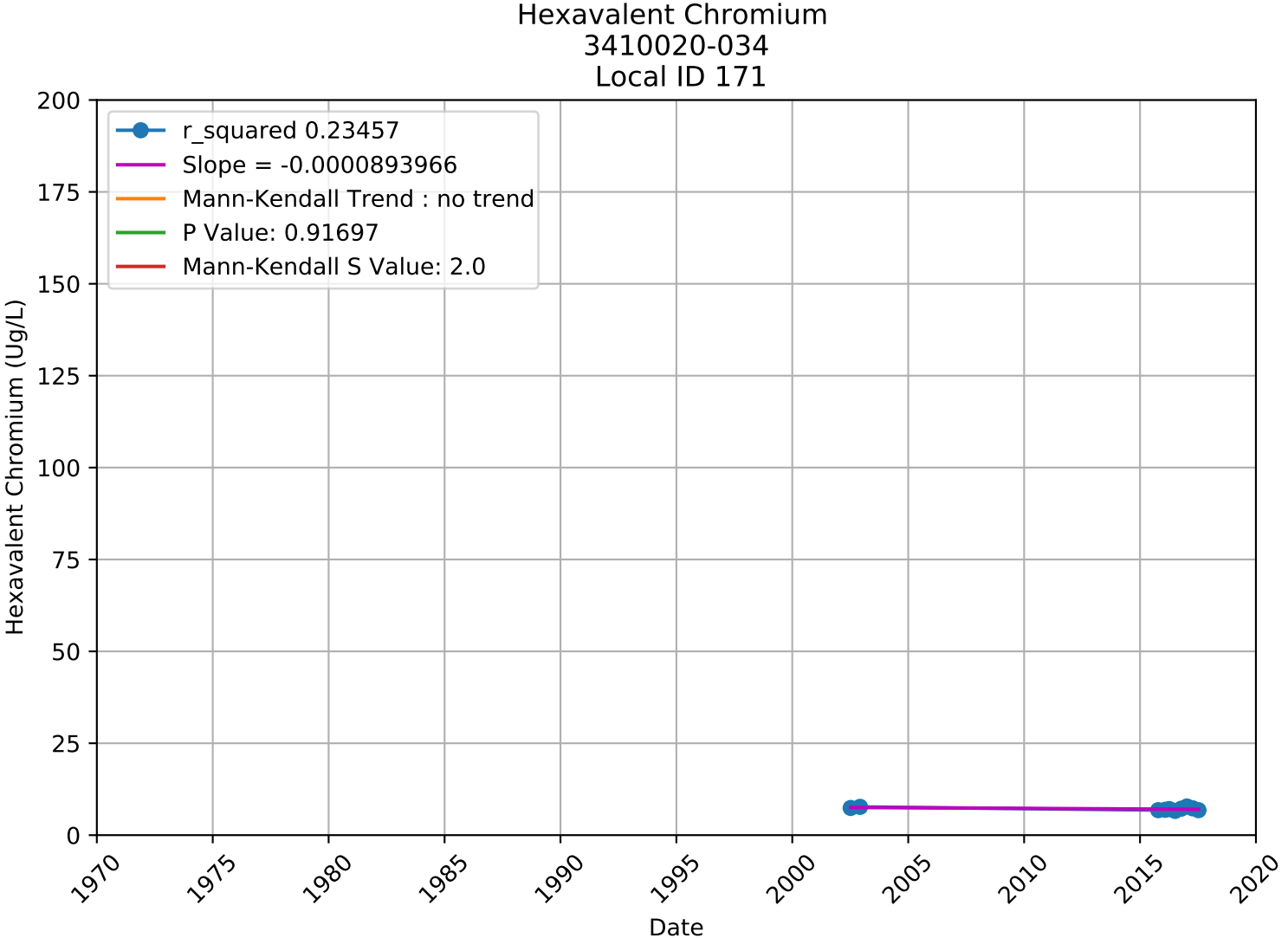

Hexavalent Chromium
3410018-023
Local ID 3110
r_squared 0.05409
Slope = -0.0004353244
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Hexavalent Chromium (Ug/L)
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Date

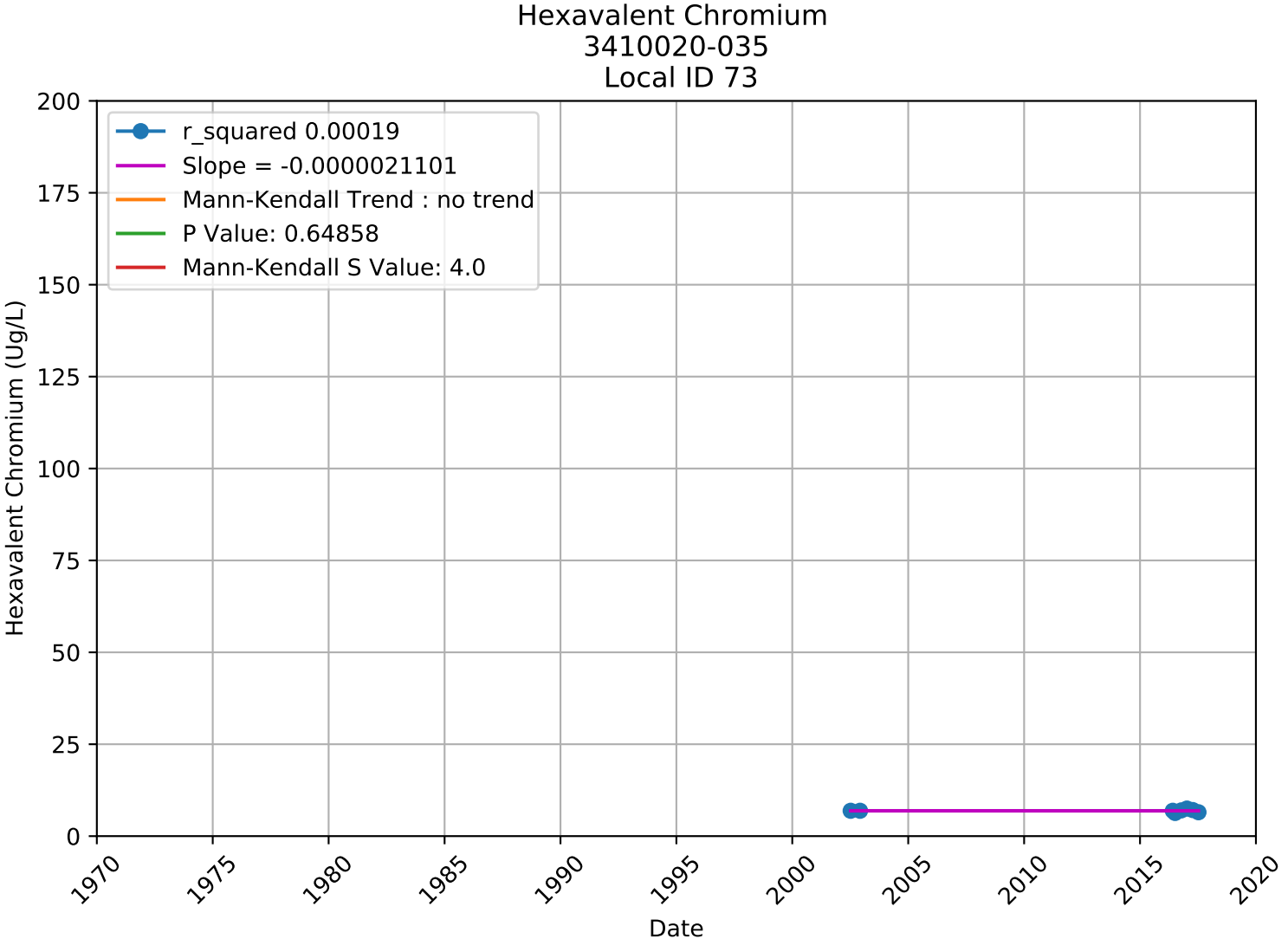

Hexavalent Chromium
3410018-025
Local ID 3111
r_squared 0.04363
Slope = -0.0003899350
Mann-Kendall Trend : no trend
P Value: 0.34642
Mann-Kendall S Value: -32.0
Hexavalent Chromium (Ug/L)
Date
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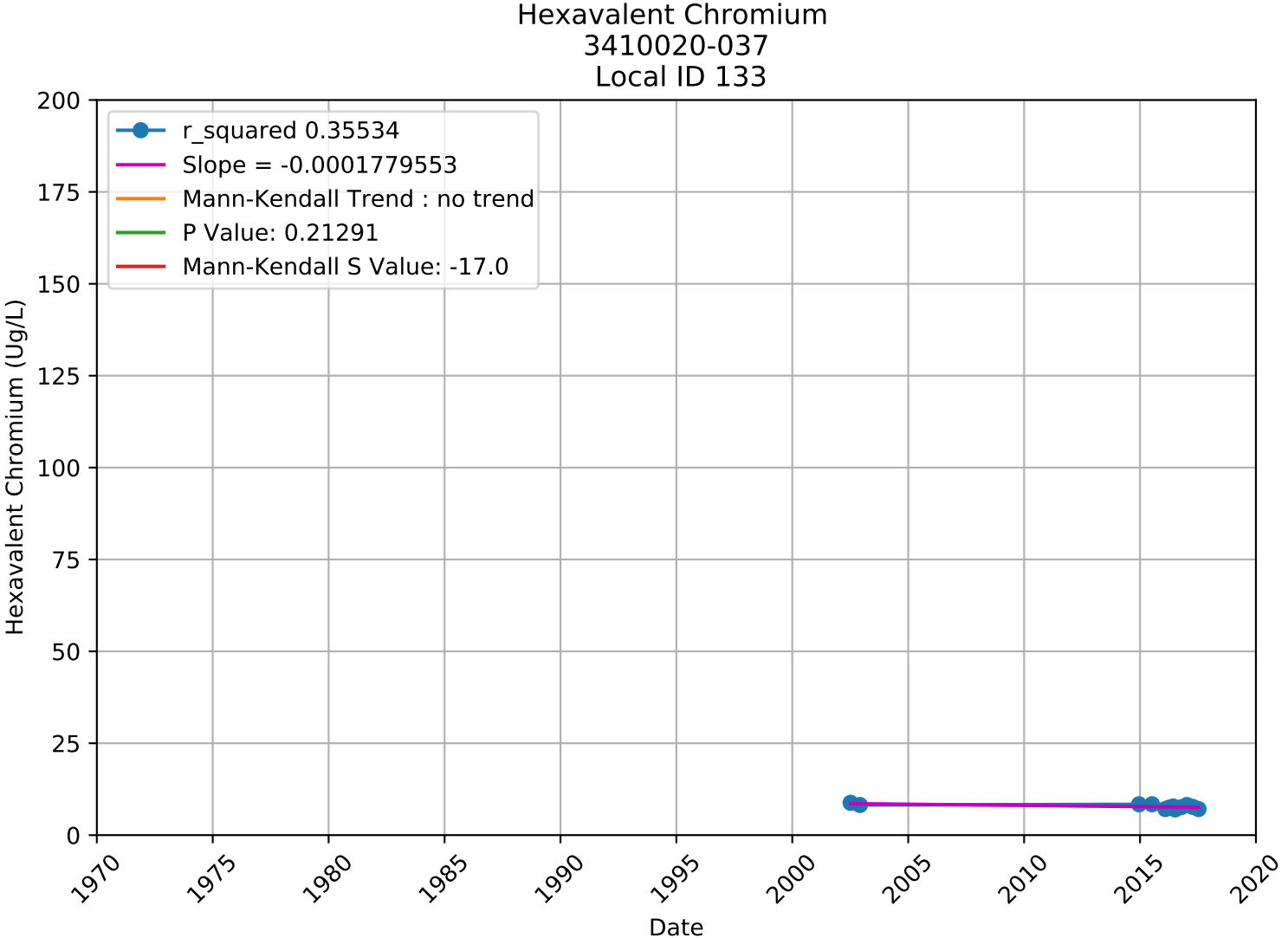

Hexavalent Chromium
3410018-031
Local ID 3101
r_squared 0.24851
Slope = -0.0027519983
Mann-Kendall Trend : no trend
P Value: 0.32809
Mann-Kendall S Value: -17.0
Hexavalent Chromium (Ug/L)
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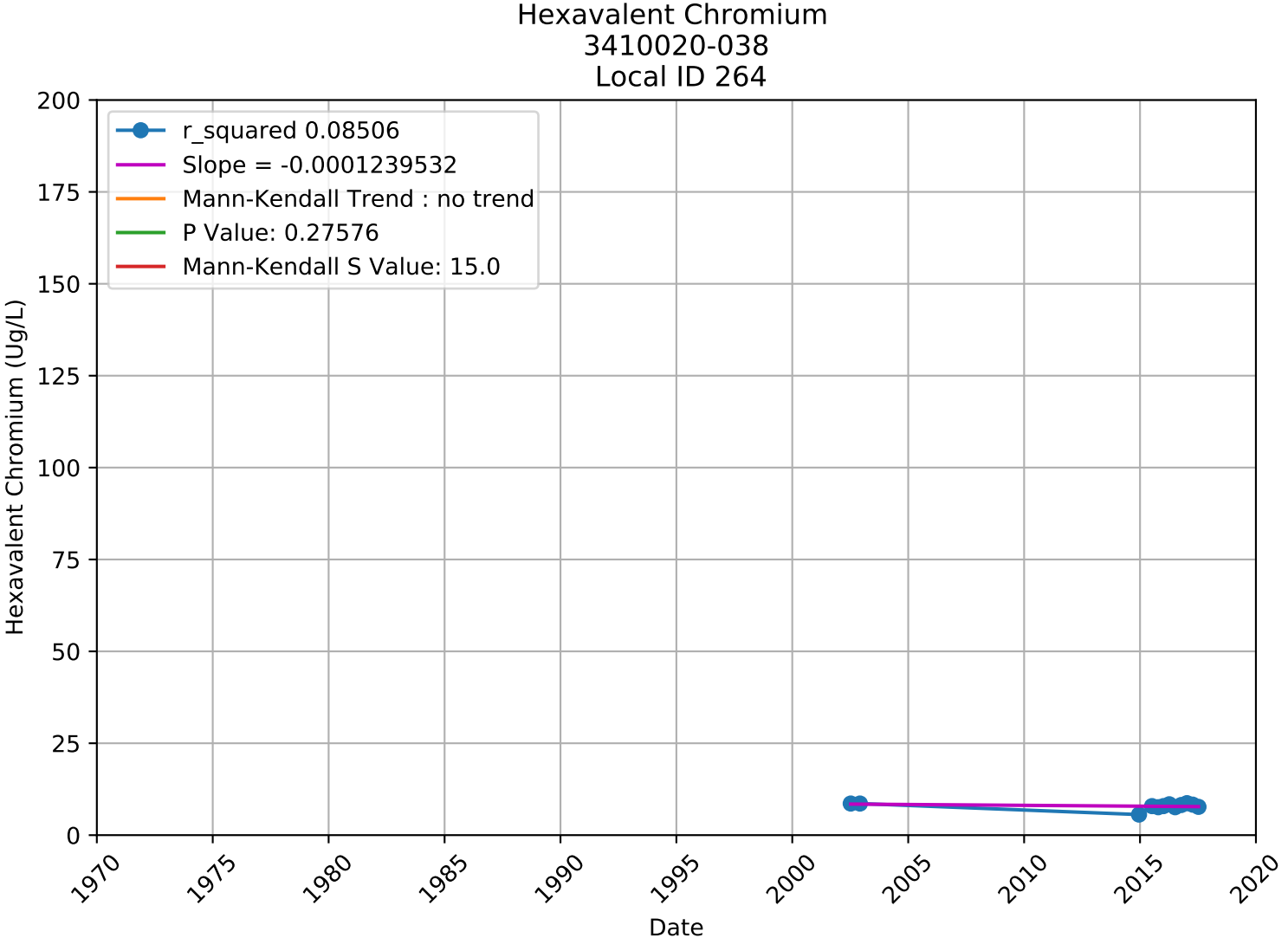

Hexavalent Chromium
3410018-033
Local ID 3102
r_squared 0.00256
Slope = -0.0000443222
Mann-Kendall Trend : no trend
P Value: 0.46243
Mann-Kendall S Value: -4.0
Hexavalent Chromium (Ug/L)
Date
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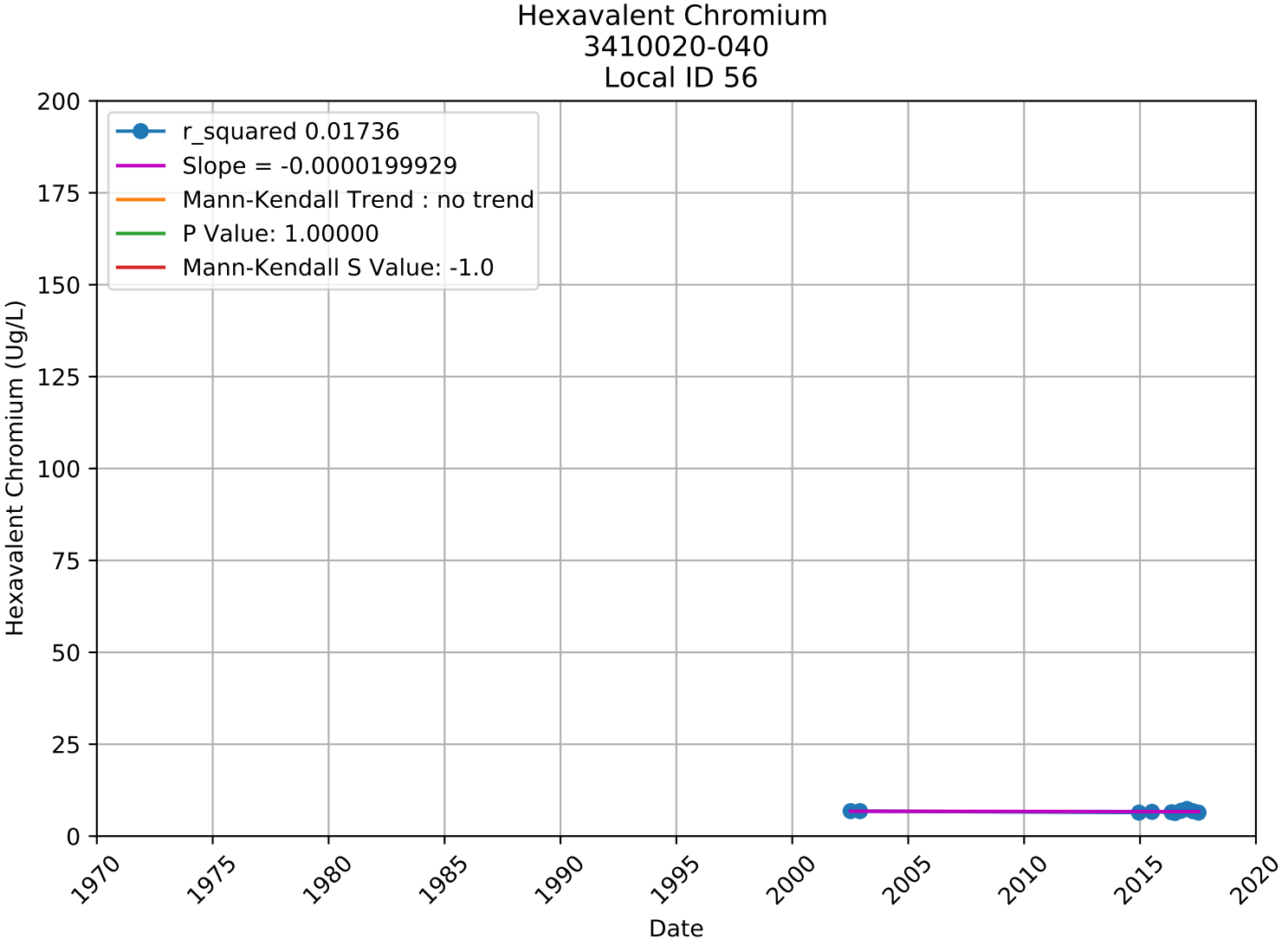

Hexavalent Chromium
3410020-018
Local ID 84
r_squared 0.16693
Slope = -0.0000456980
Mann-Kendall Trend : no trend
P Value: 0.75550
Mann-Kendall S Value: -5.0
Hexavalent Chromium (Ug/L)
Date
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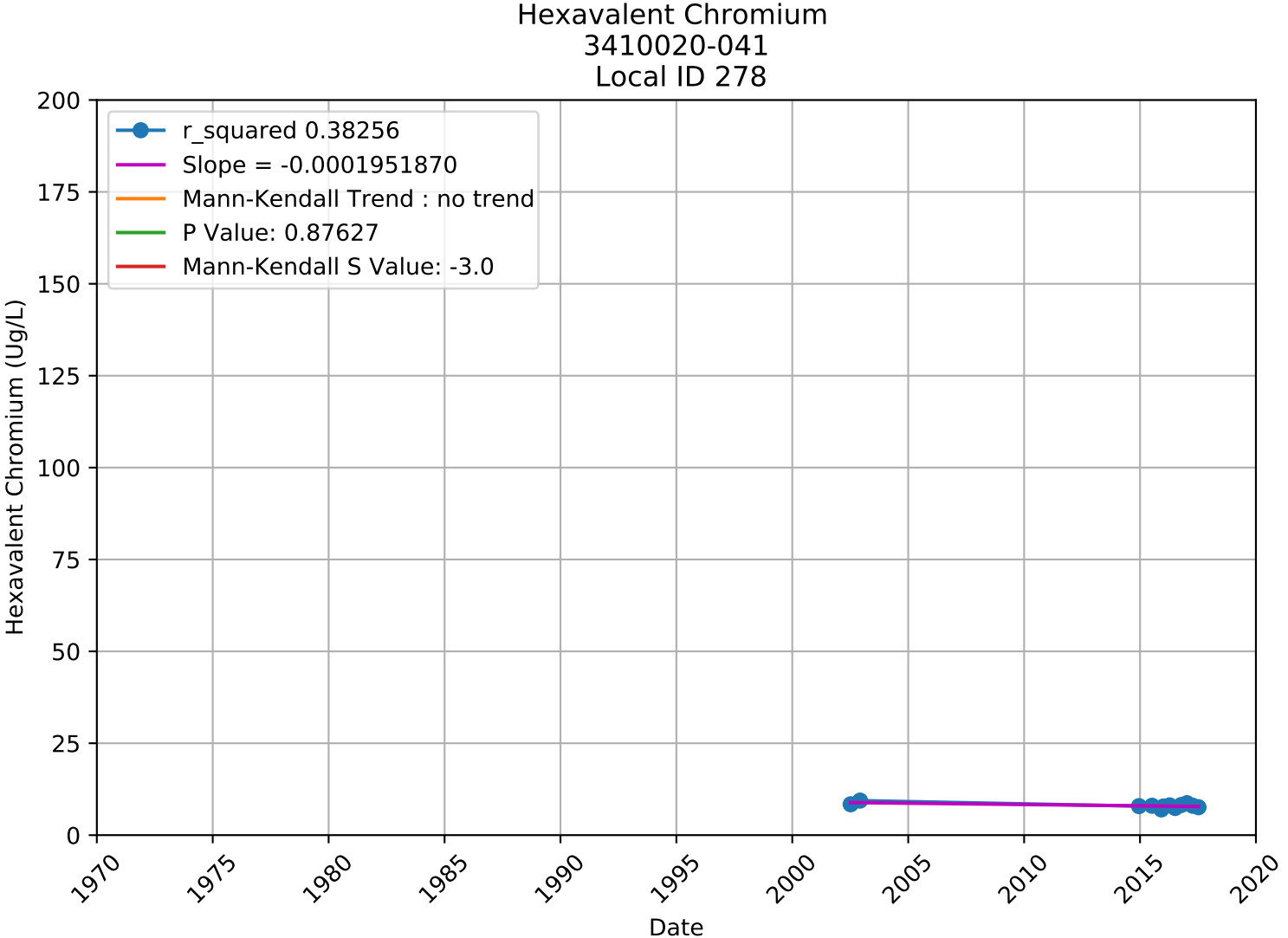

Hexavalent Chromium
3410020-034
Local ID 171
r_squared 0.23457
Slope = -0.0000893966
Mann-Kendall Trend : no trend
P Value: 0.91697
Mann-Kendall S Value: 2.0
Hexavalent Chromium (Ug/L)
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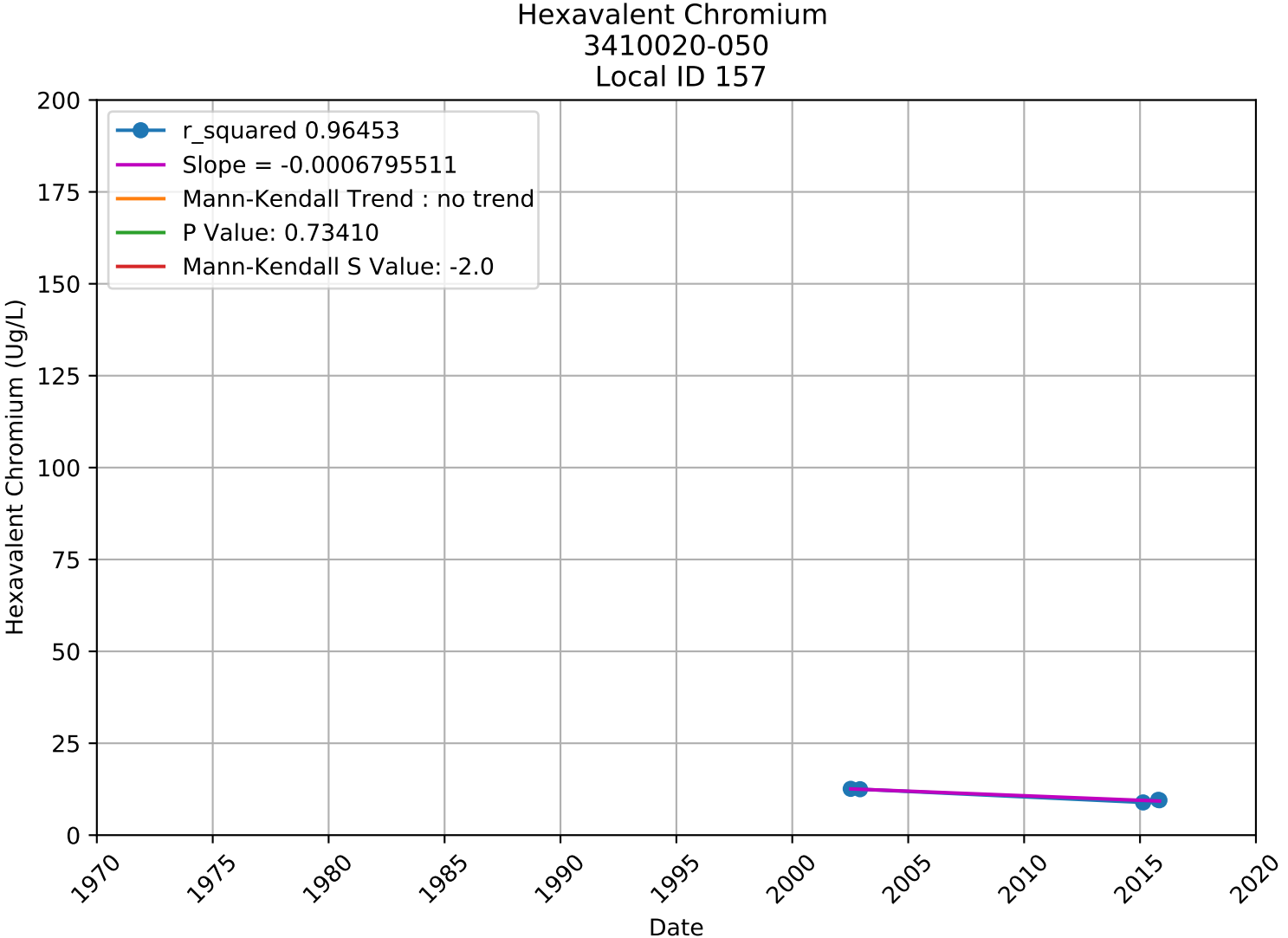

Hexavalent Chromium
3410020-035
Local ID 73
r_squared 0.00019
Slope = -0.0000021101
Mann-Kendall Trend : no trend
P Value: 0.64858
Mann-Kendall S Value: 4.0
Hexavalent Chromium (Ug/L)
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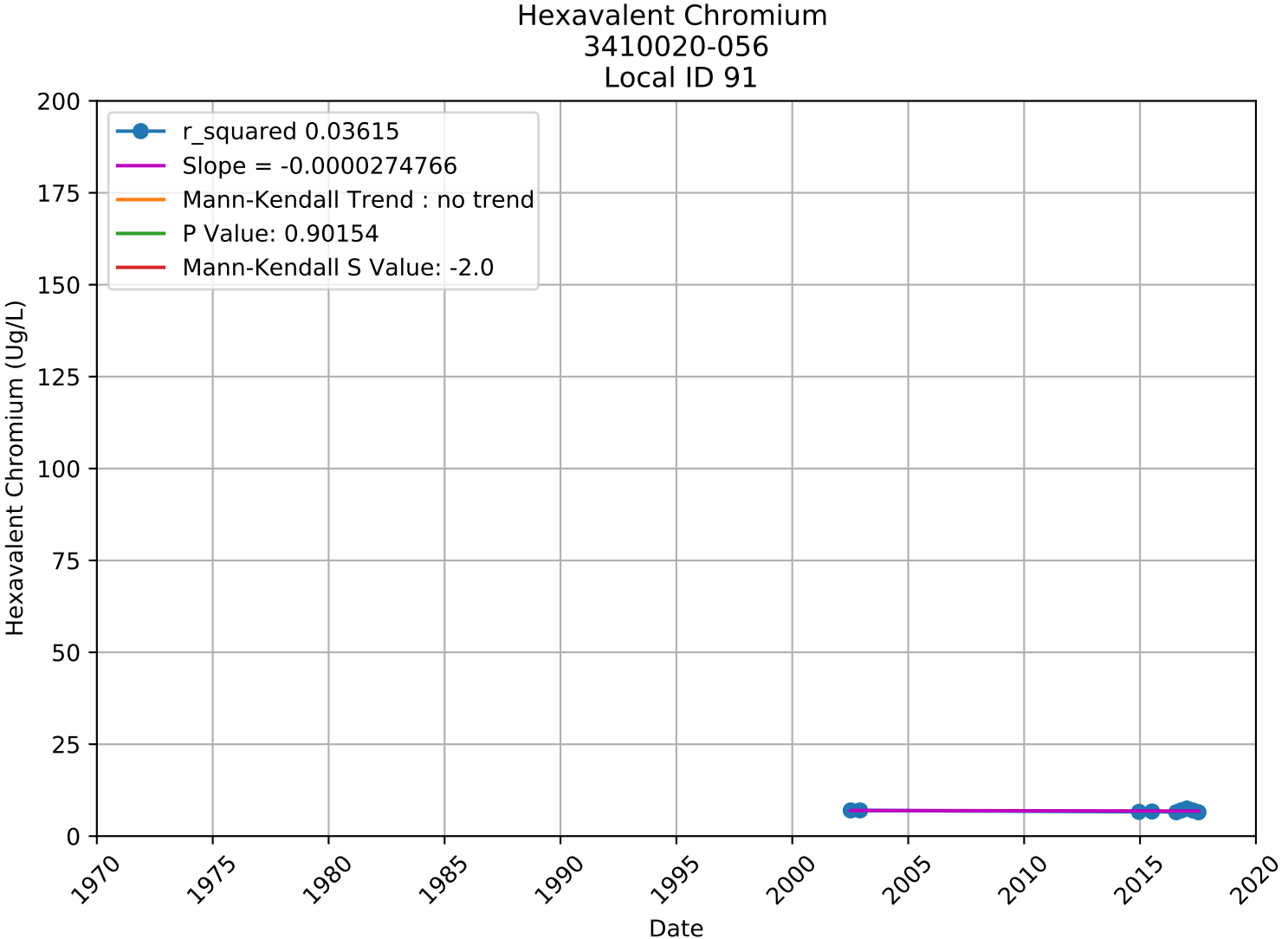

Hexavalent Chromium
3410020-037
Local ID 133
r_squared 0.35534
Slope = -0.0001779553
Mann-Kendall Trend : no trend
P Value: 0.21291
Mann-Kendall S Value: -17.0
Hexavalent Chromium (Ug/L)
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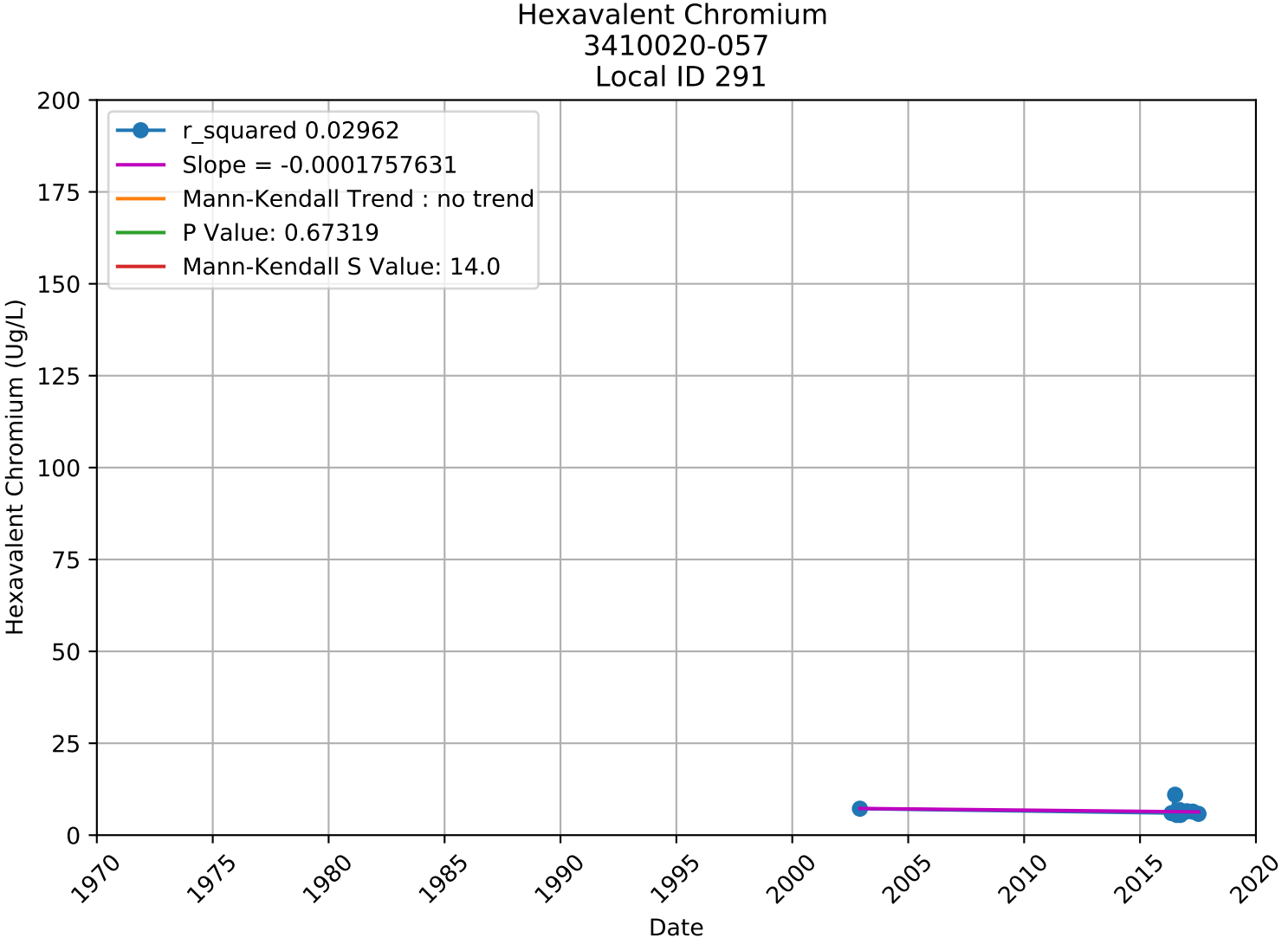

Hexavalent Chromium
3410020-038
Local ID 264
r_squared 0.08506
Slope = -0.0001239532
Mann-Kendall Trend : no trend
P Value: 0.27576
Mann-Kendall S Value: 15.0
Hexavalent Chromium (Ug/L)
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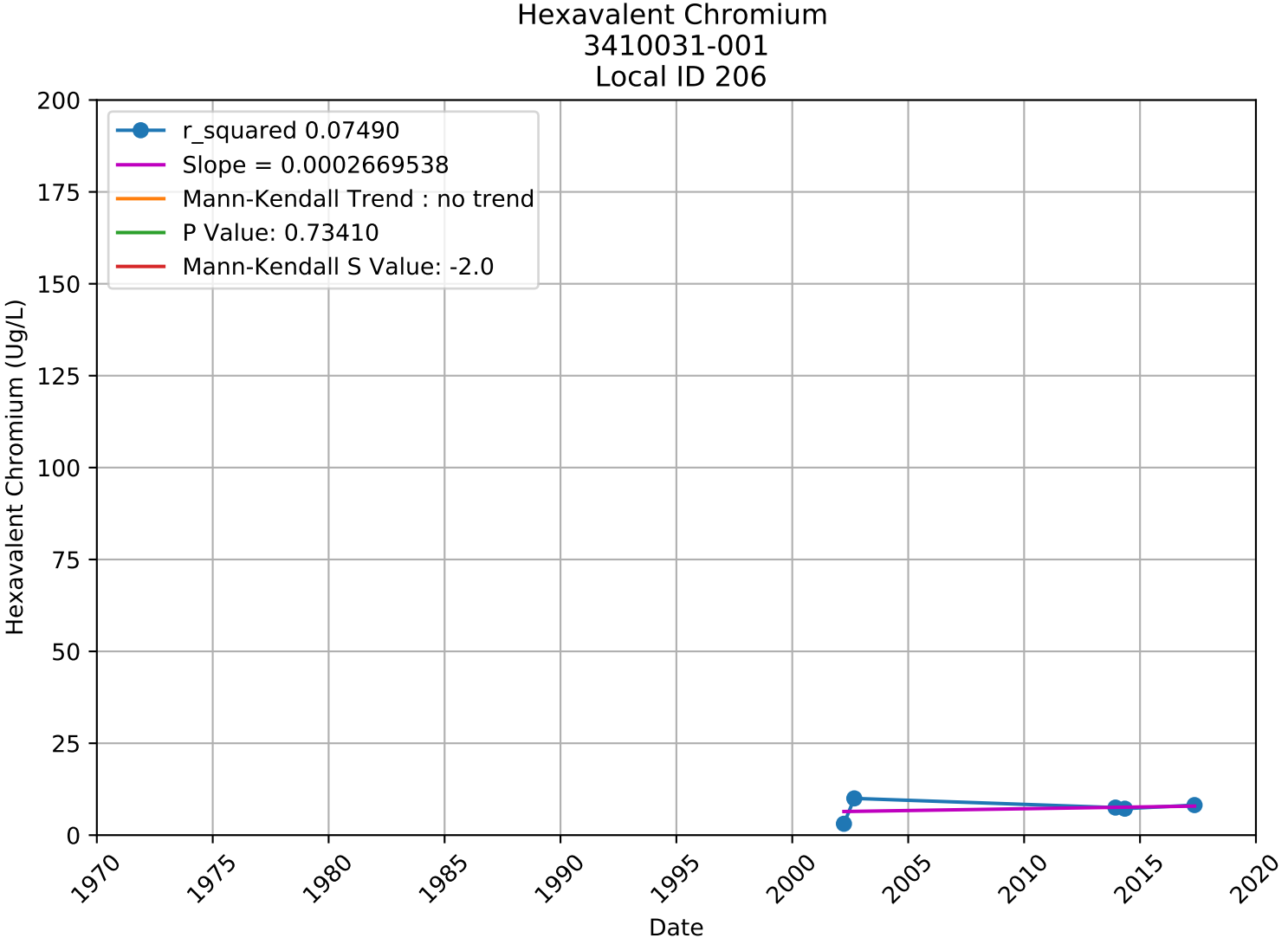

Hexavalent Chromium
3410020-040
Local ID 56
r_squared 0.01736
Slope = -0.0000199929
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: -1.0
Hexavalent Chromium (Ug/L)
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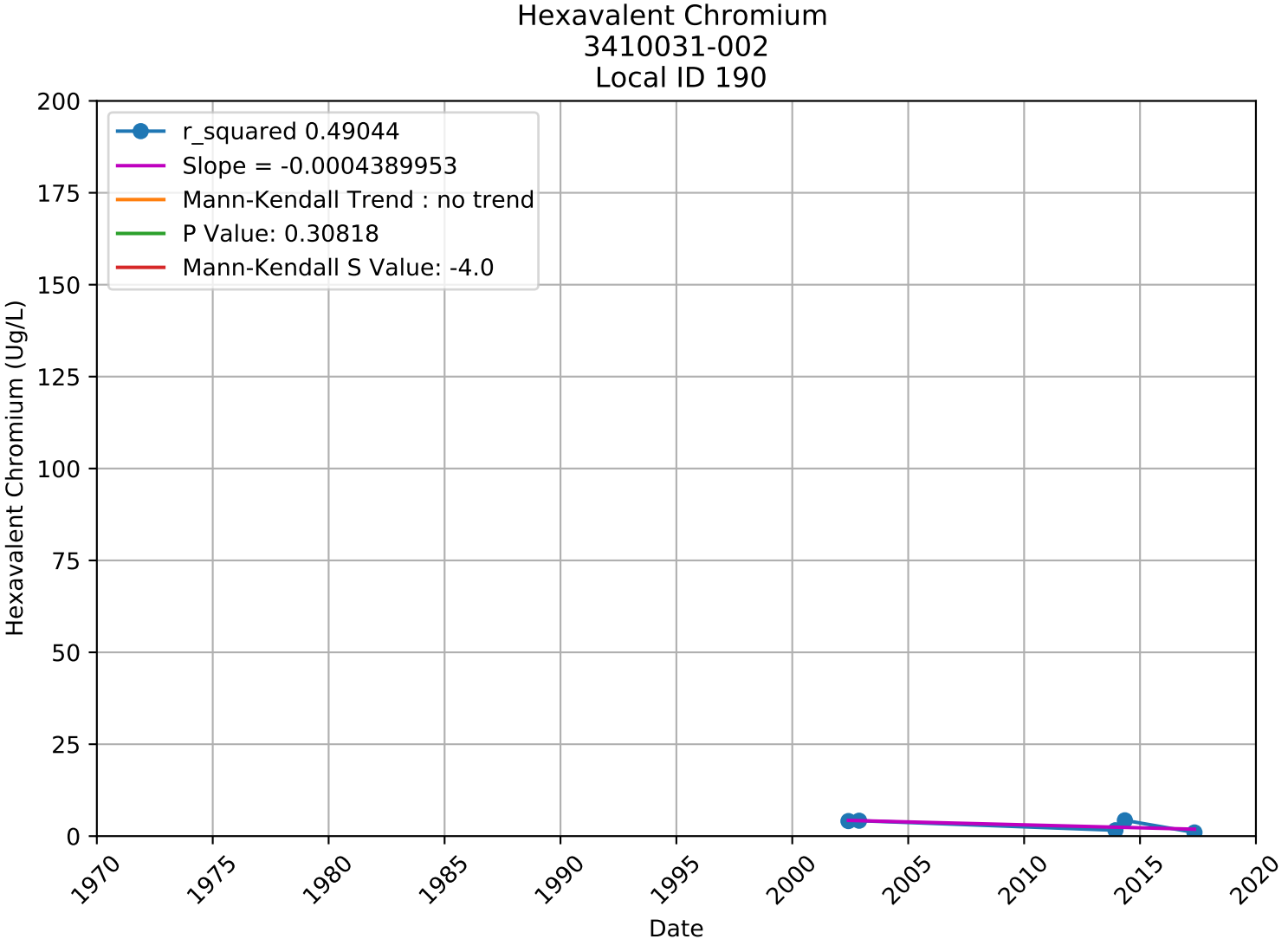

Hexavalent Chromium
3410020-041
Local ID 278
r_squared 0.38256
Slope = -0.0001951870
Mann-Kendall Trend : no trend
P Value: 0.87627
Mann-Kendall S Value: -3.0
Hexavalent Chromium (Ug/L)
Date
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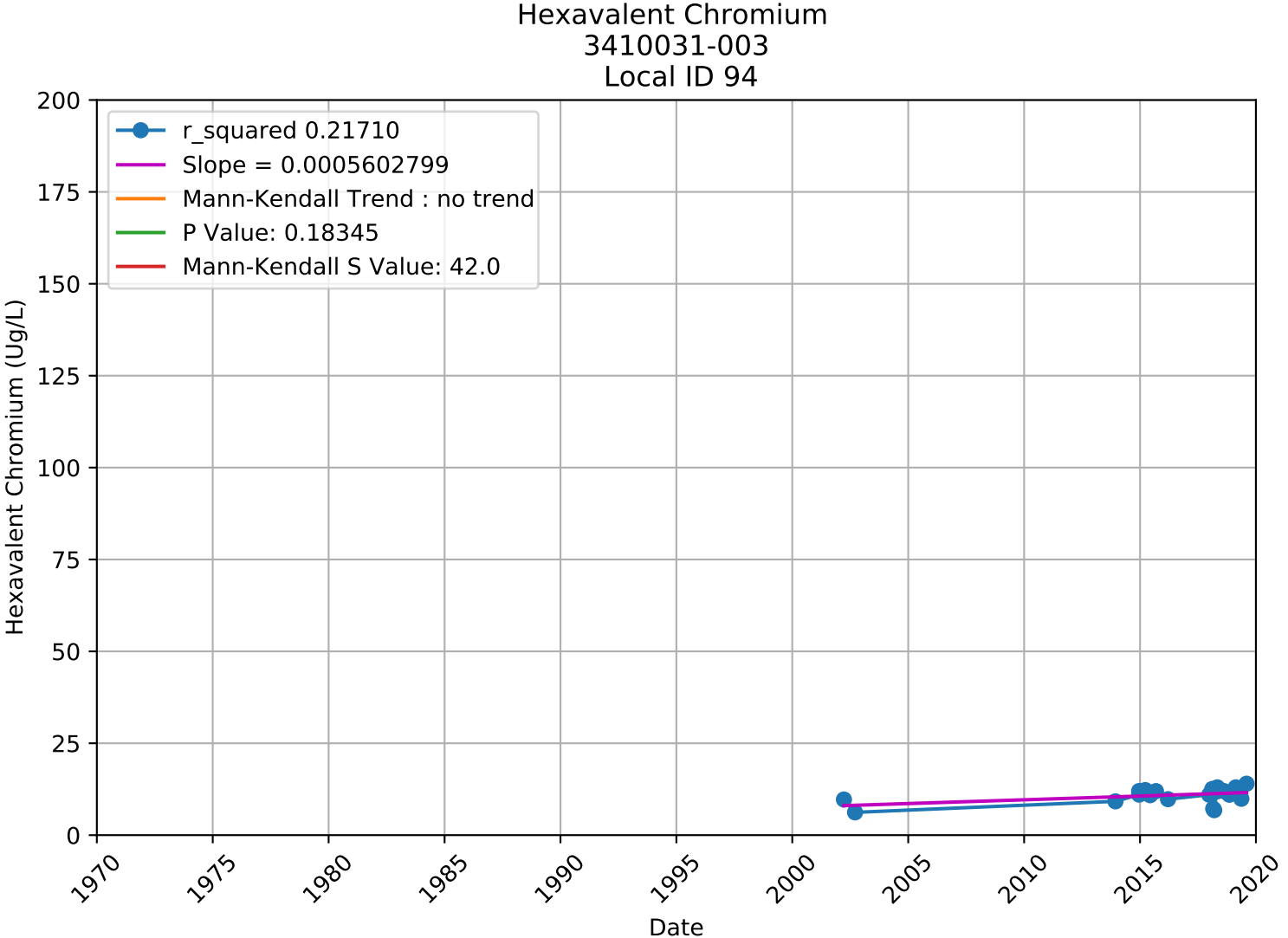

Hexavalent Chromium
3410020-050
Local ID 157
r_squared 0.96453
Slope = -0.0006795511
Mann-Kendall Trend : no trend
P Value: 0.73410
Mann-Kendall S Value: -2.0
Hexavalent Chromium (Ug/L)
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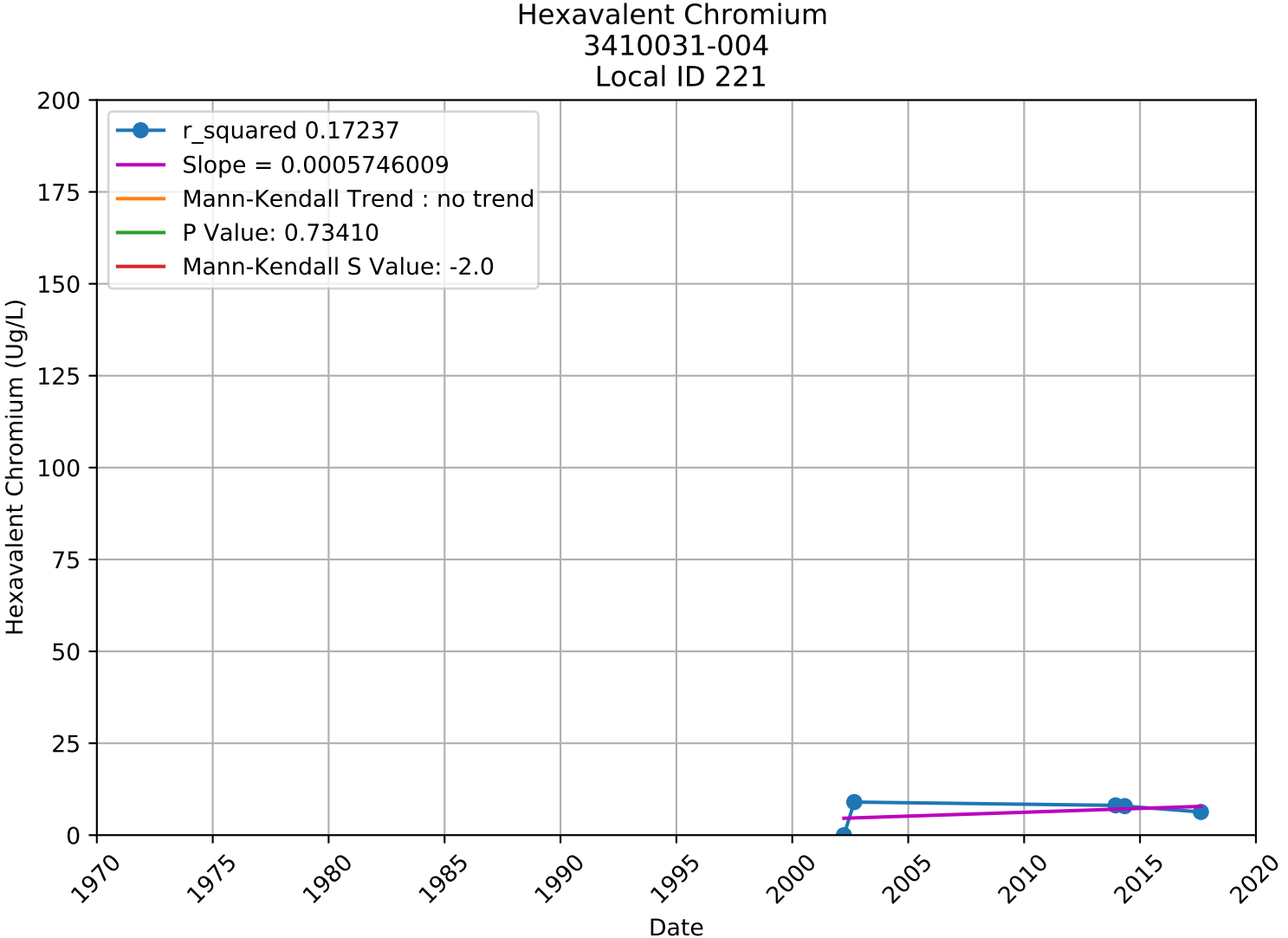

Hexavalent Chromium
3410020-056
Local ID 91
r_squared 0.03615
Slope = -0.0000274766
Mann-Kendall Trend : no trend
P Value: 0.90154
Mann-Kendall S Value: -2.0
Hexavalent Chromium (Ug/L)
Date
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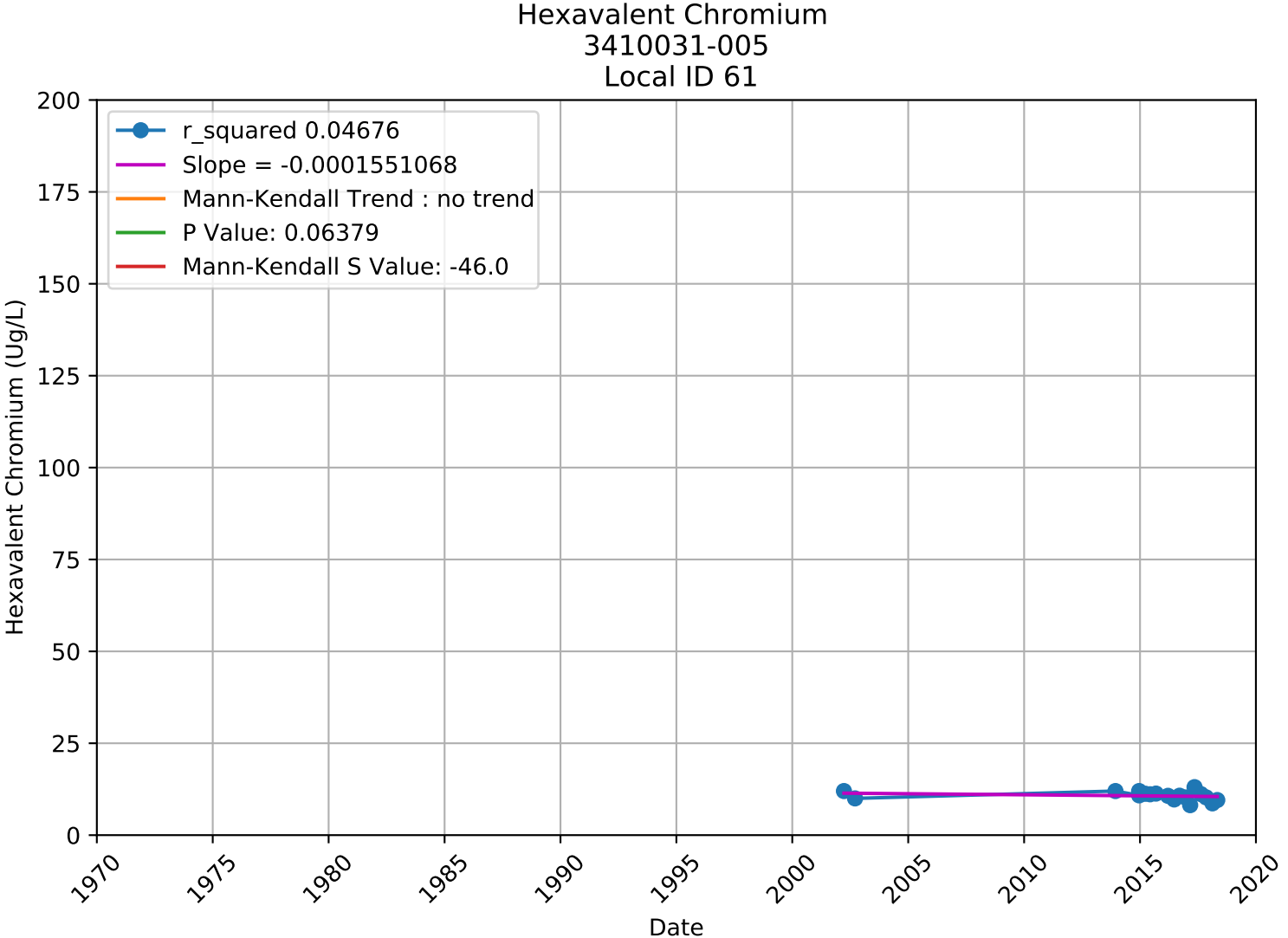

Hexavalent Chromium
3410020-057
Local ID 291
r_squared 0.02962
Slope = -0.0001757631
Mann-Kendall Trend : no trend
P Value: 0.67319
Mann-Kendall S Value: 14.0
Hexavalent Chromium (Ug/L)
Date
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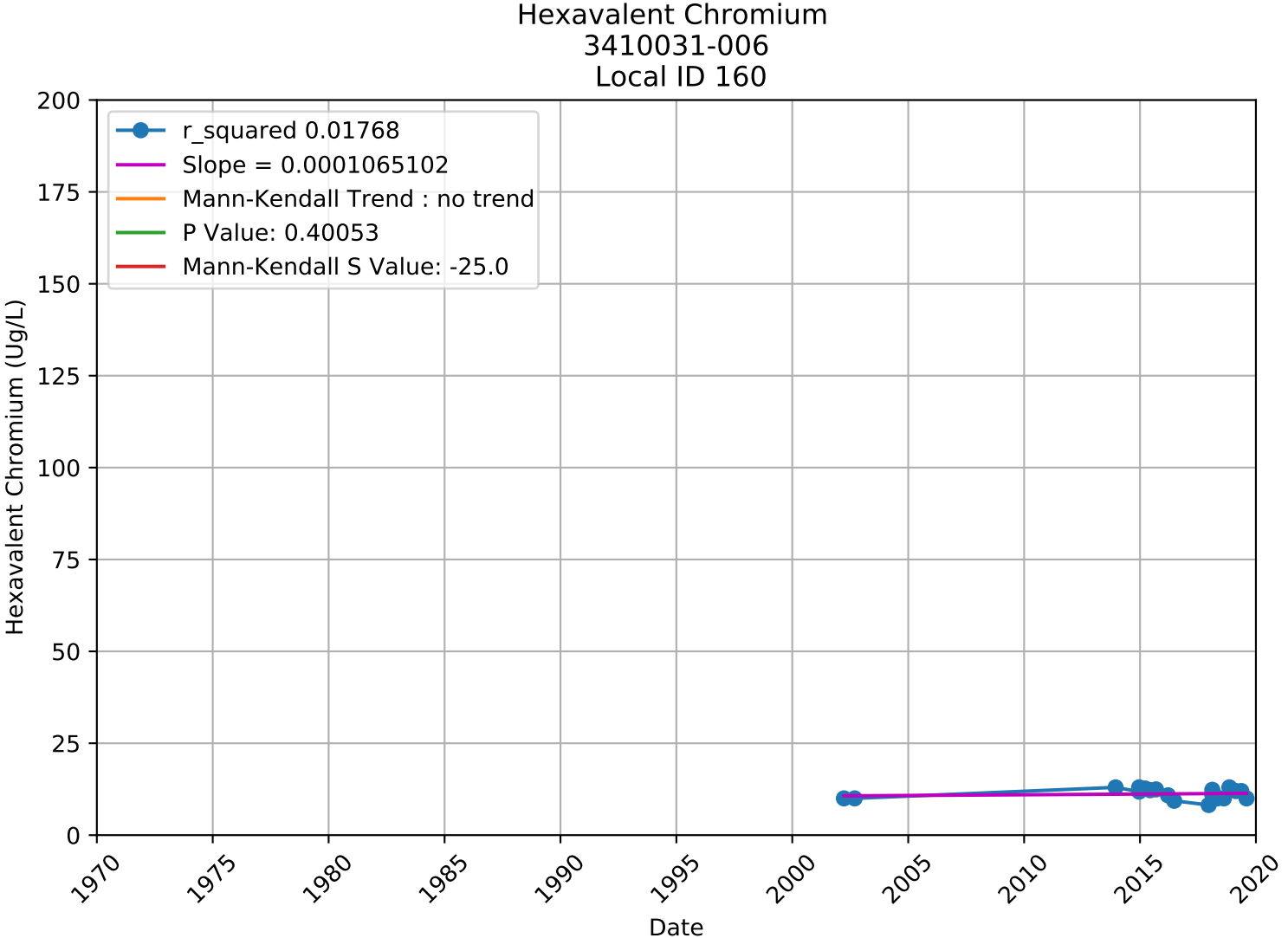

Hexavalent Chromium
3410031-001
Local ID 206
r_squared 0.07490
Slope = 0.0002669538
Mann-Kendall Trend : no trend
P Value: 0.73410
Mann-Kendall S Value: -2.0
Hexavalent Chromium (Ug/L)
Date
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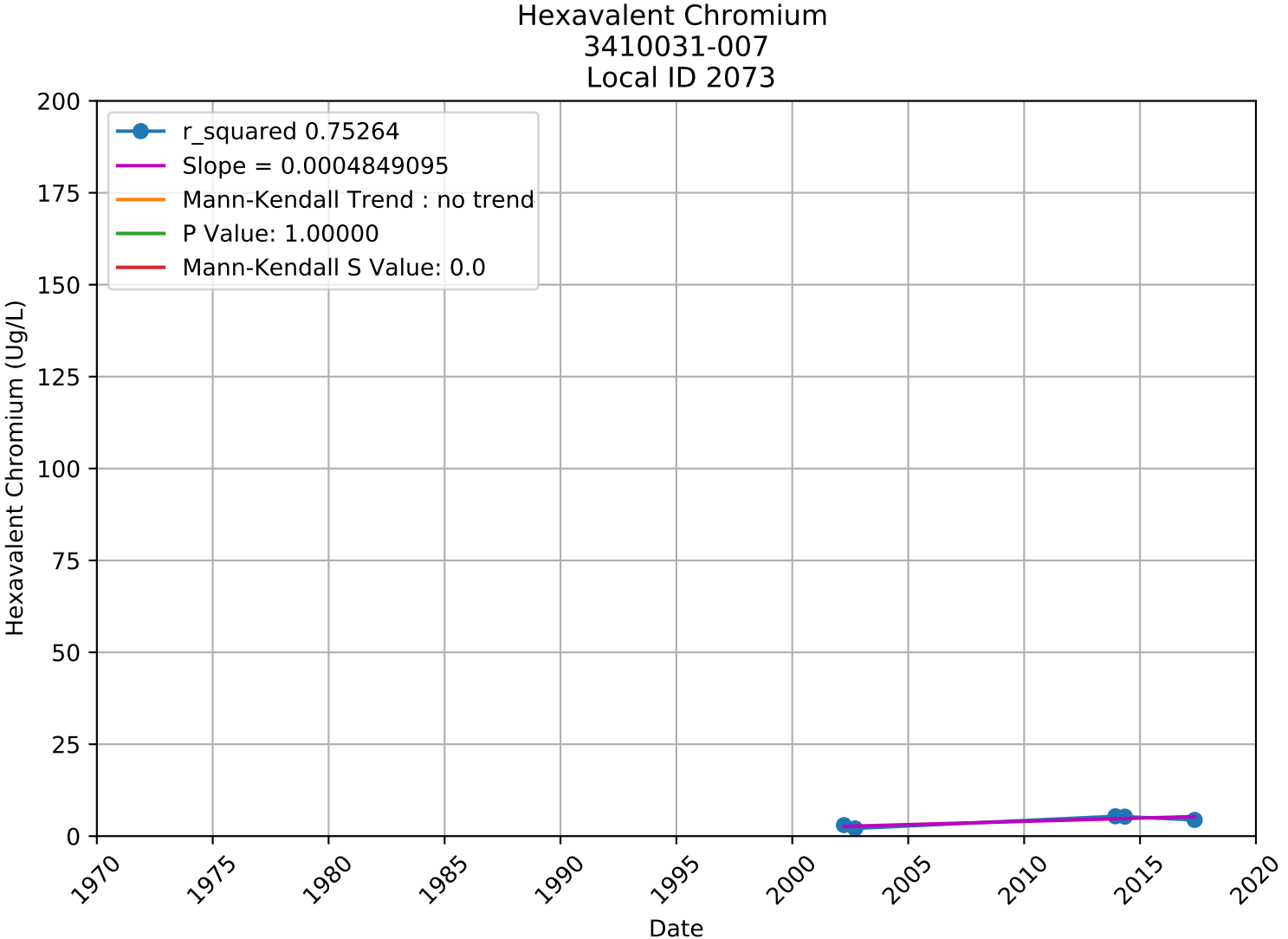

Hexavalent Chromium
3410031-002
Local ID 190
r_squared 0.49044
Slope = -0.0004389953
Mann-Kendall Trend : no trend
P Value: 0.30818
Mann-Kendall S Value: -4.0
Hexavalent Chromium (Ug/L)
Date
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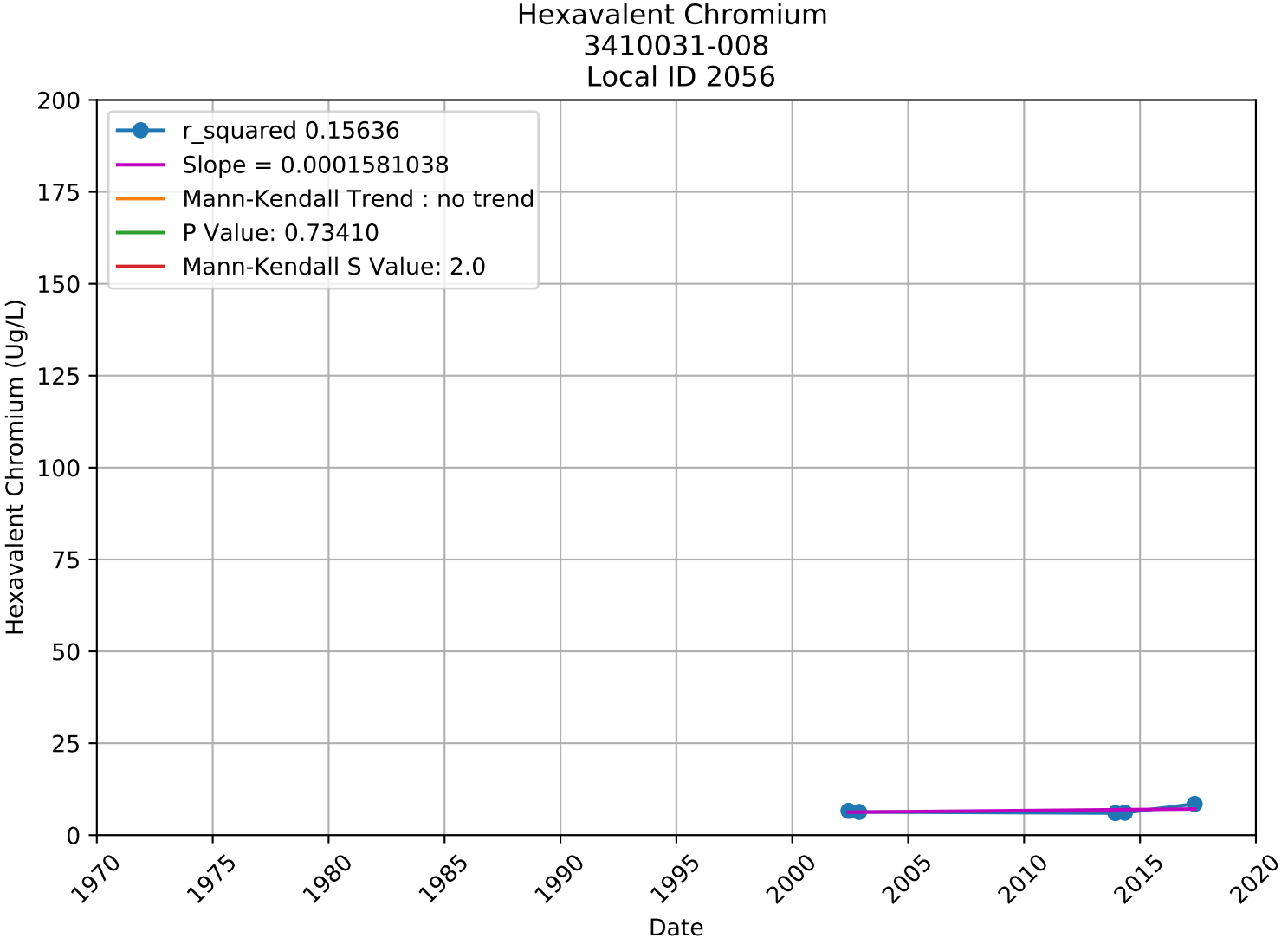

Hexavalent Chromium
3410031-003
Local ID 94
r_squared 0.21710
Slope = 0.0005602799
Mann-Kendall Trend : no trend
P Value: 0.18345
Mann-Kendall S Value: 42.0
Hexavalent Chromium (Ug/L)
Date
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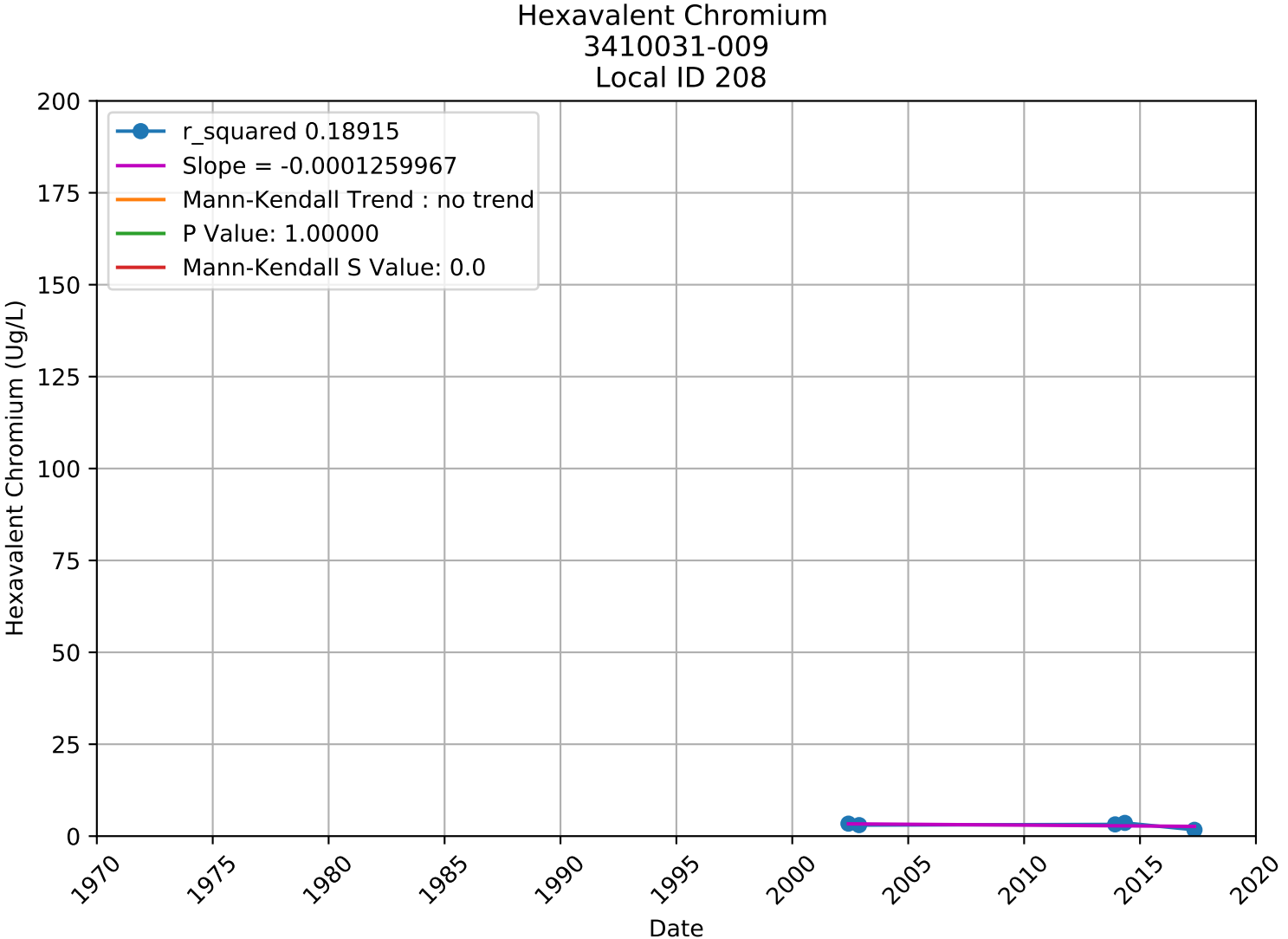

Hexavalent Chromium
3410031-004
Local ID 221
r_squared 0.17237
Slope = 0.0005746009
Mann-Kendall Trend : no trend
P Value: 0.73410
Mann-Kendall S Value: -2.0
Hexavalent Chromium (Ug/L)
Date
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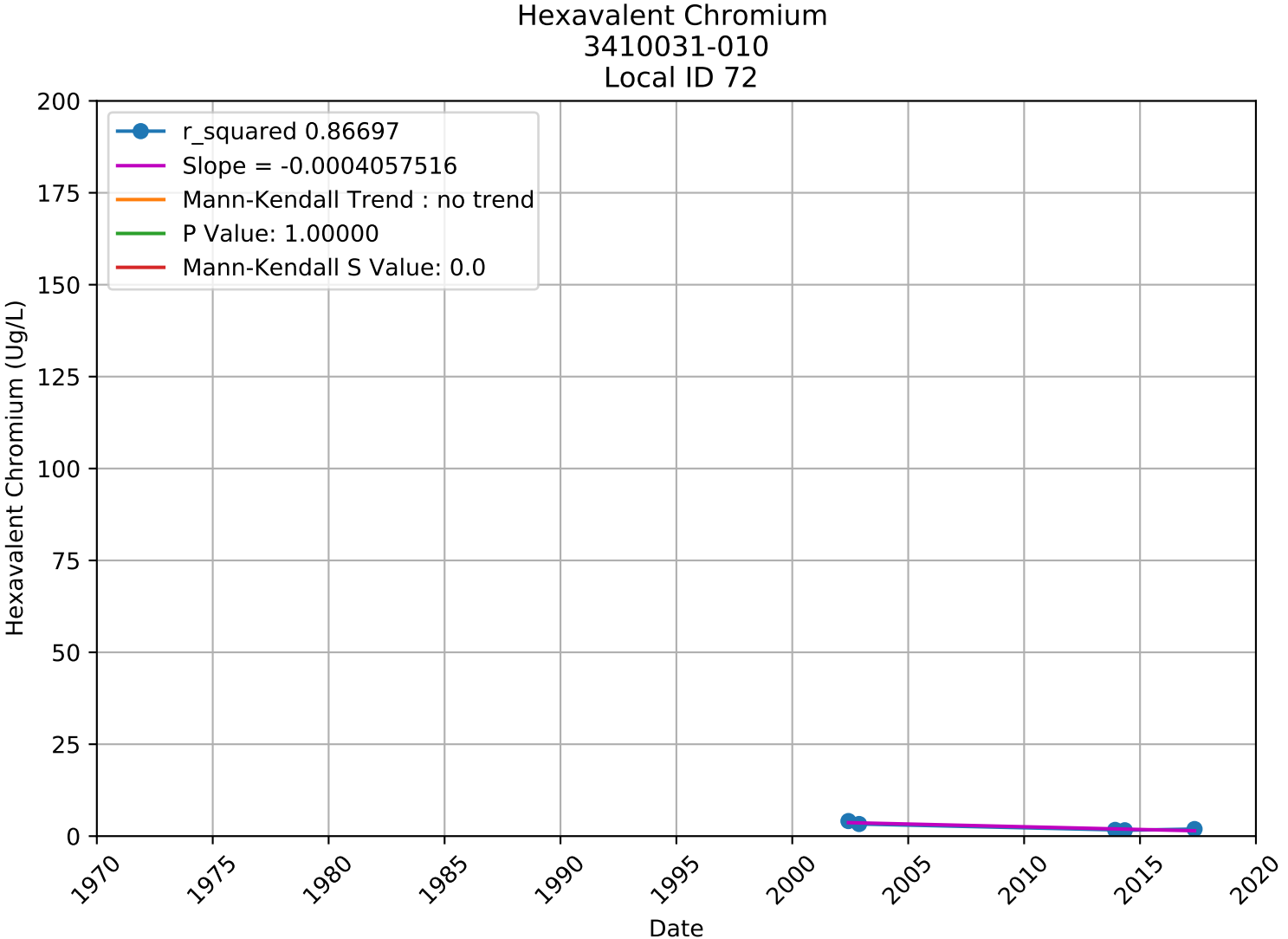

Hexavalent Chromium
3410031-005
Local ID 61
r_squared 0.04676
Slope = -0.0001551068
Mann-Kendall Trend : no trend
P Value: 0.06379
Mann-Kendall S Value: -46.0
Hexavalent Chromium (Ug/L)
Date
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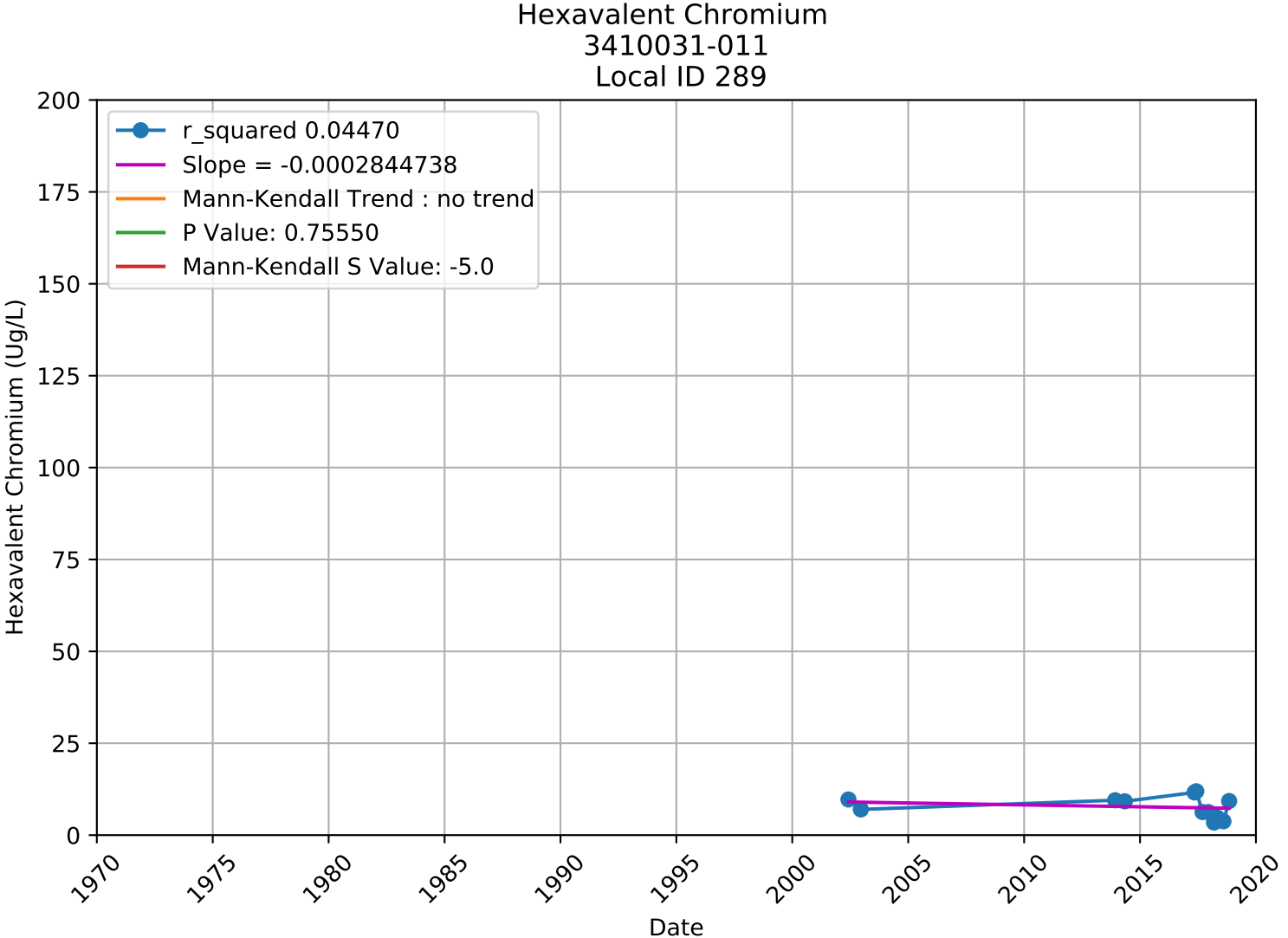

Hexavalent Chromium
3410031-006
Local ID 160
r_squared 0.01768
Slope = 0.0001065102
Mann-Kendall Trend : no trend
P Value: 0.40053
Mann-Kendall S Value: -25.0
Hexavalent Chromium (Ug/L)
Date
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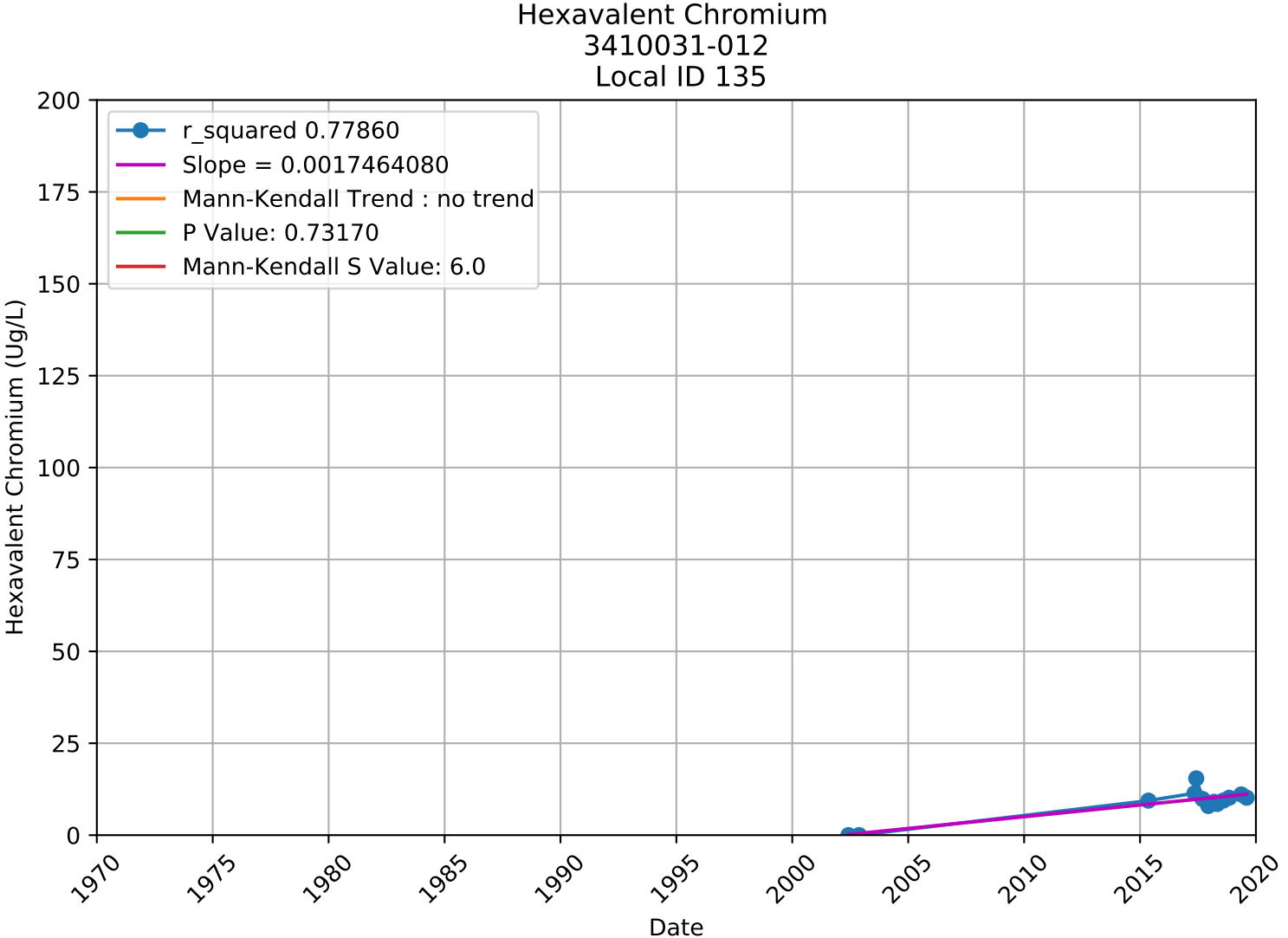

Hexavalent Chromium
3410031-007
Local ID 2073
r_squared 0.75264
Slope = 0.0004849095
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Hexavalent Chromium (Ug/L)
Date
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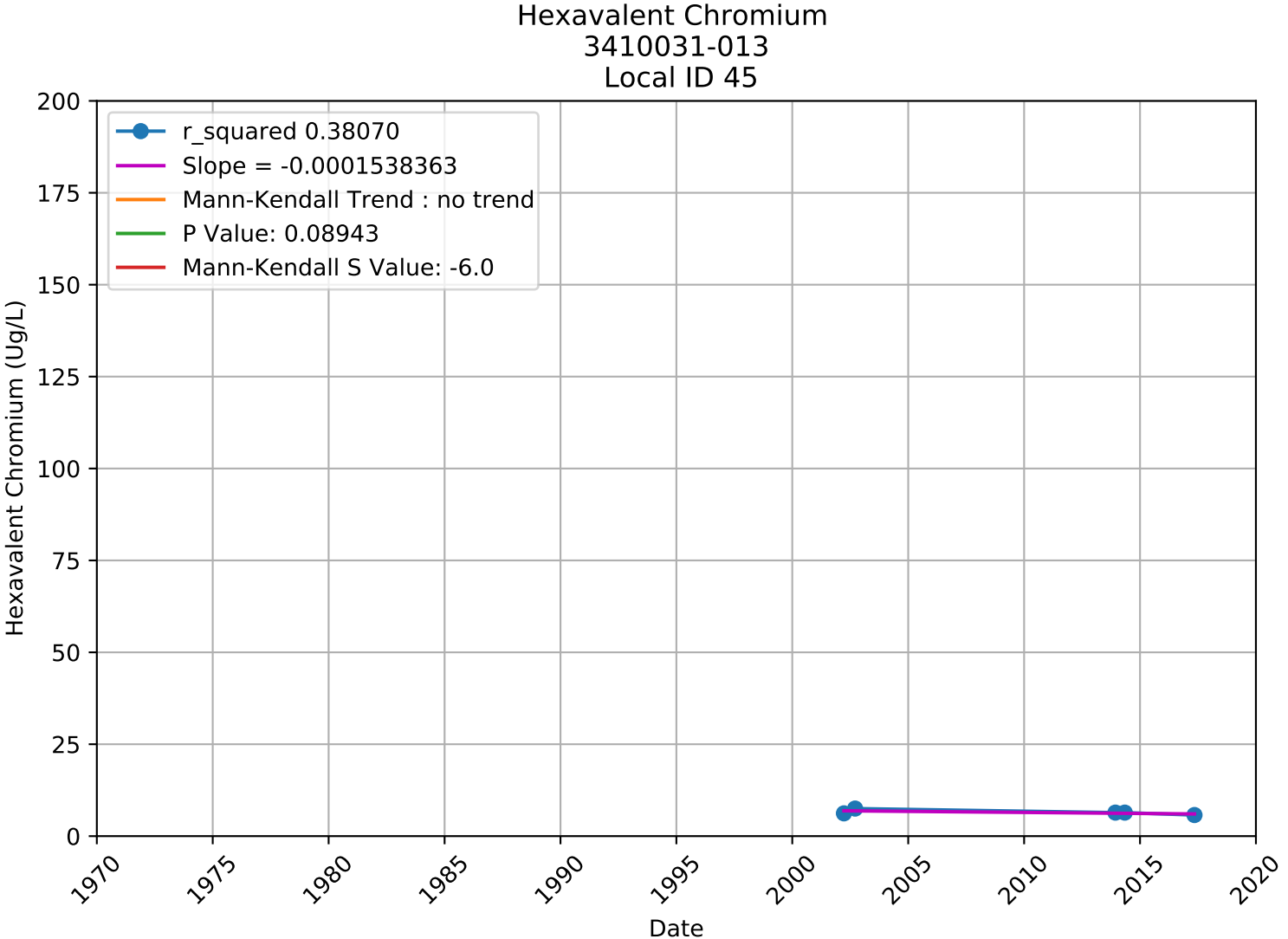

Hexavalent Chromium
3410031-008
Local ID 2056
r_squared 0.15636
Slope = 0.0001581038
Mann-Kendall Trend : no trend
P Value: 0.73410
Mann-Kendall S Value: 2.0
Hexavalent Chromium (Ug/L)
Date
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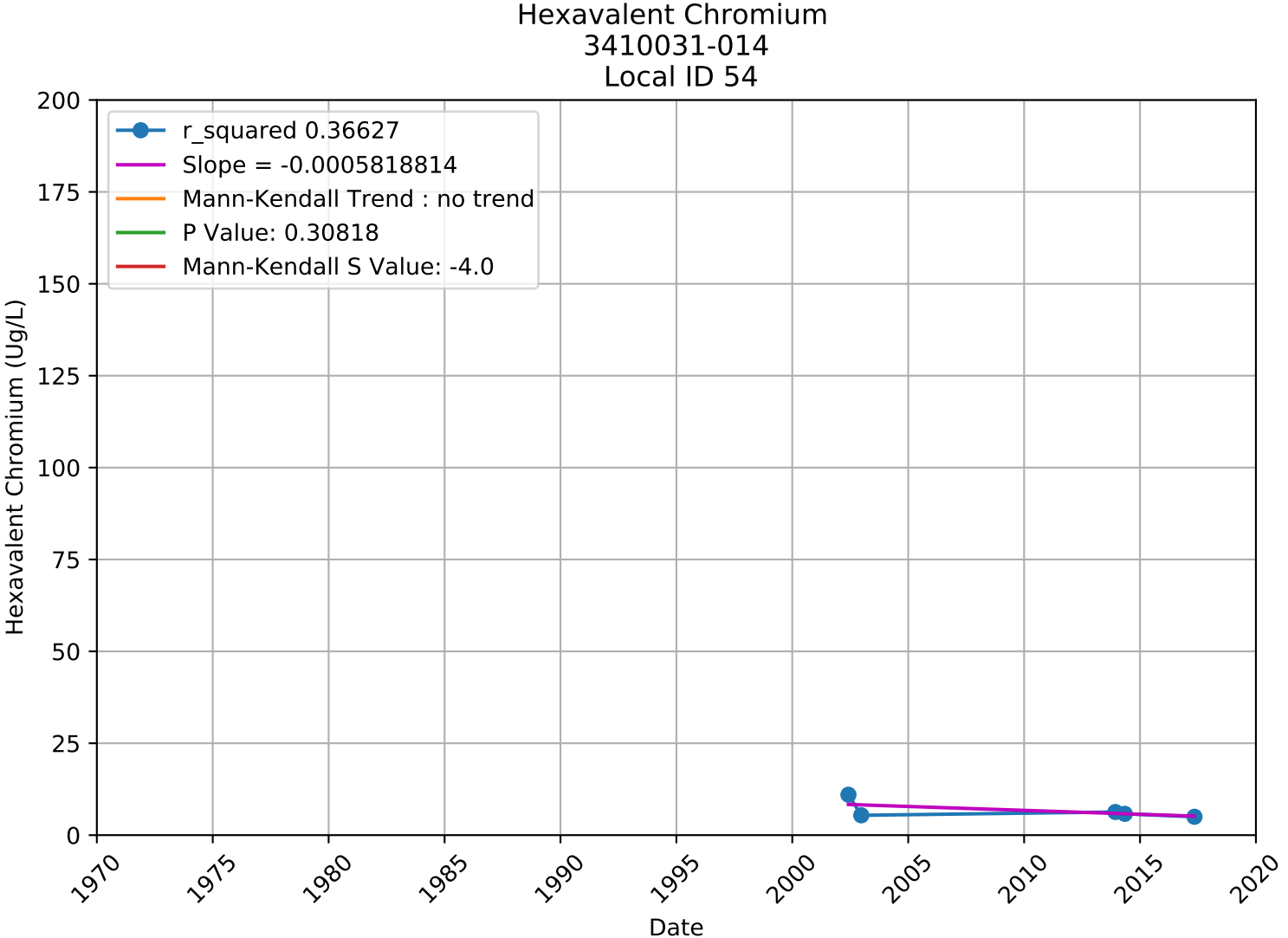

Hexavalent Chromium
3410031-009
Local ID 208
r_squared 0.18915
Slope = -0.0001259967
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Hexavalent Chromium (Ug/L)
Date
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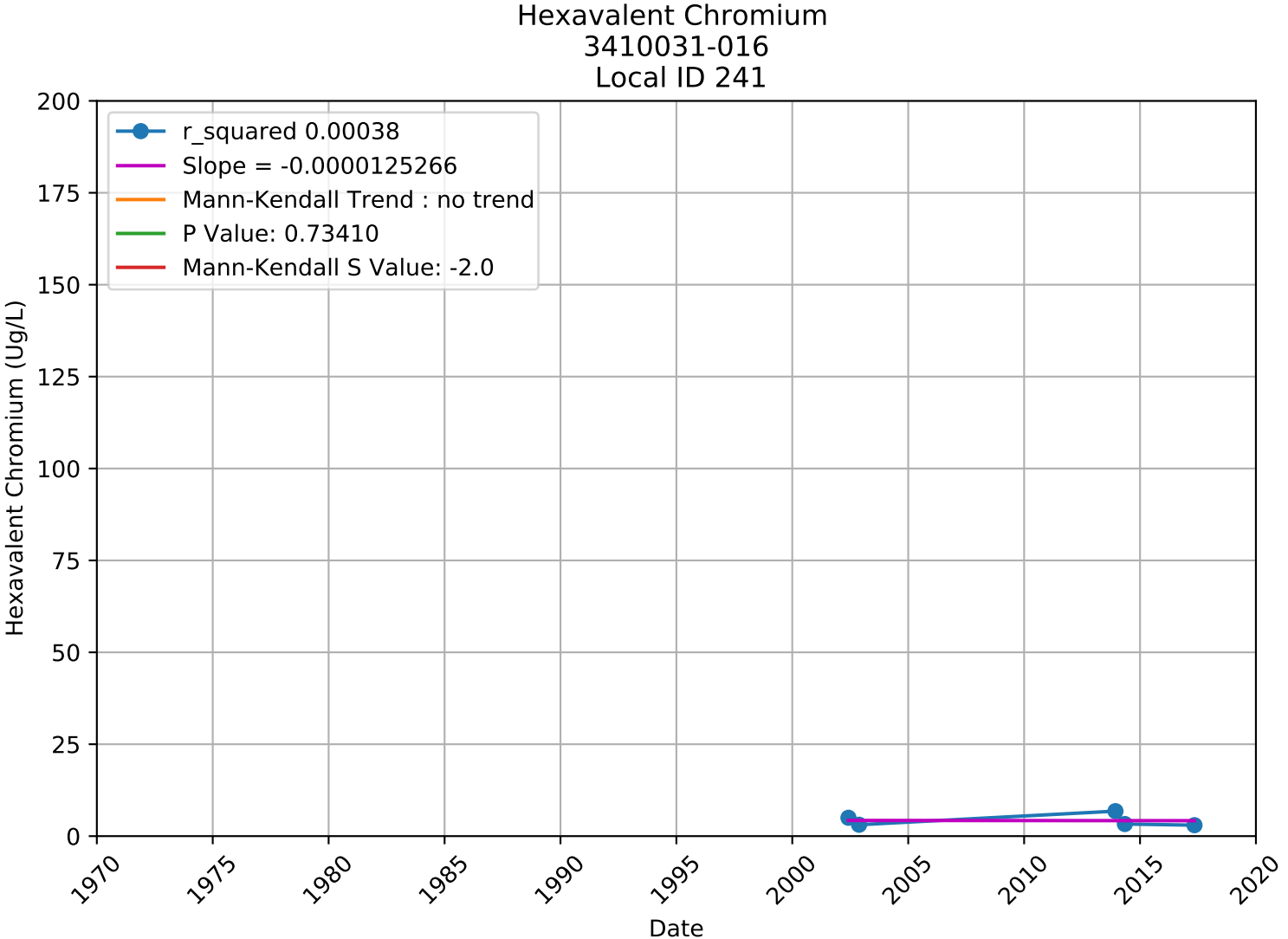

Hexavalent Chromium
3410031-010
Local ID 72
r_squared 0.86697
Slope = -0.0004057516
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Hexavalent Chromium (Ug/L)
Date
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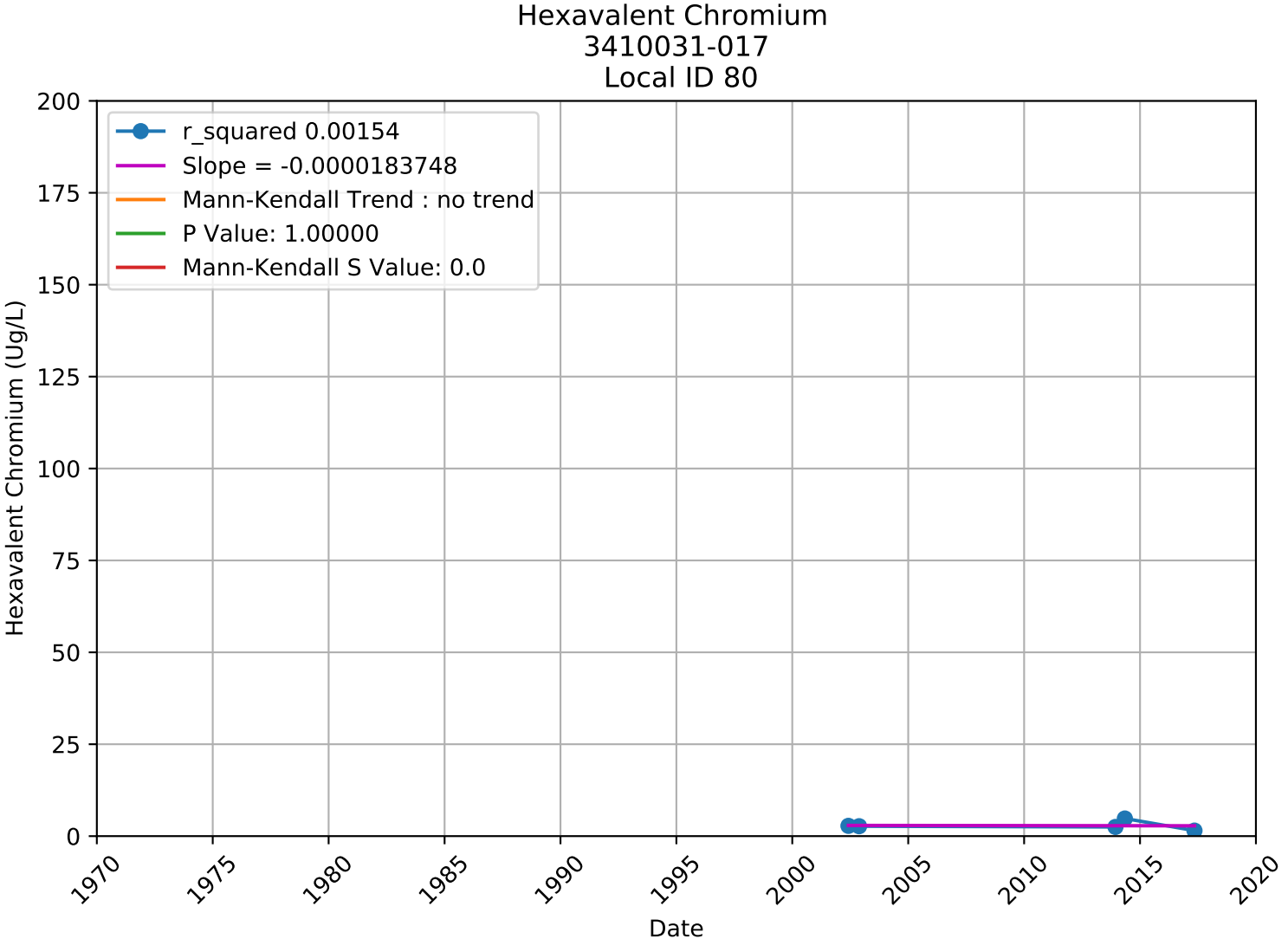

Hexavalent Chromium
3410031-011
Local ID 289
r_squared 0.04470
Slope = -0.0002844738
Mann-Kendall Trend : no trend
P Value: 0.75550
Mann-Kendall S Value: -5.0
Hexavalent Chromium (Ug/L)
Date
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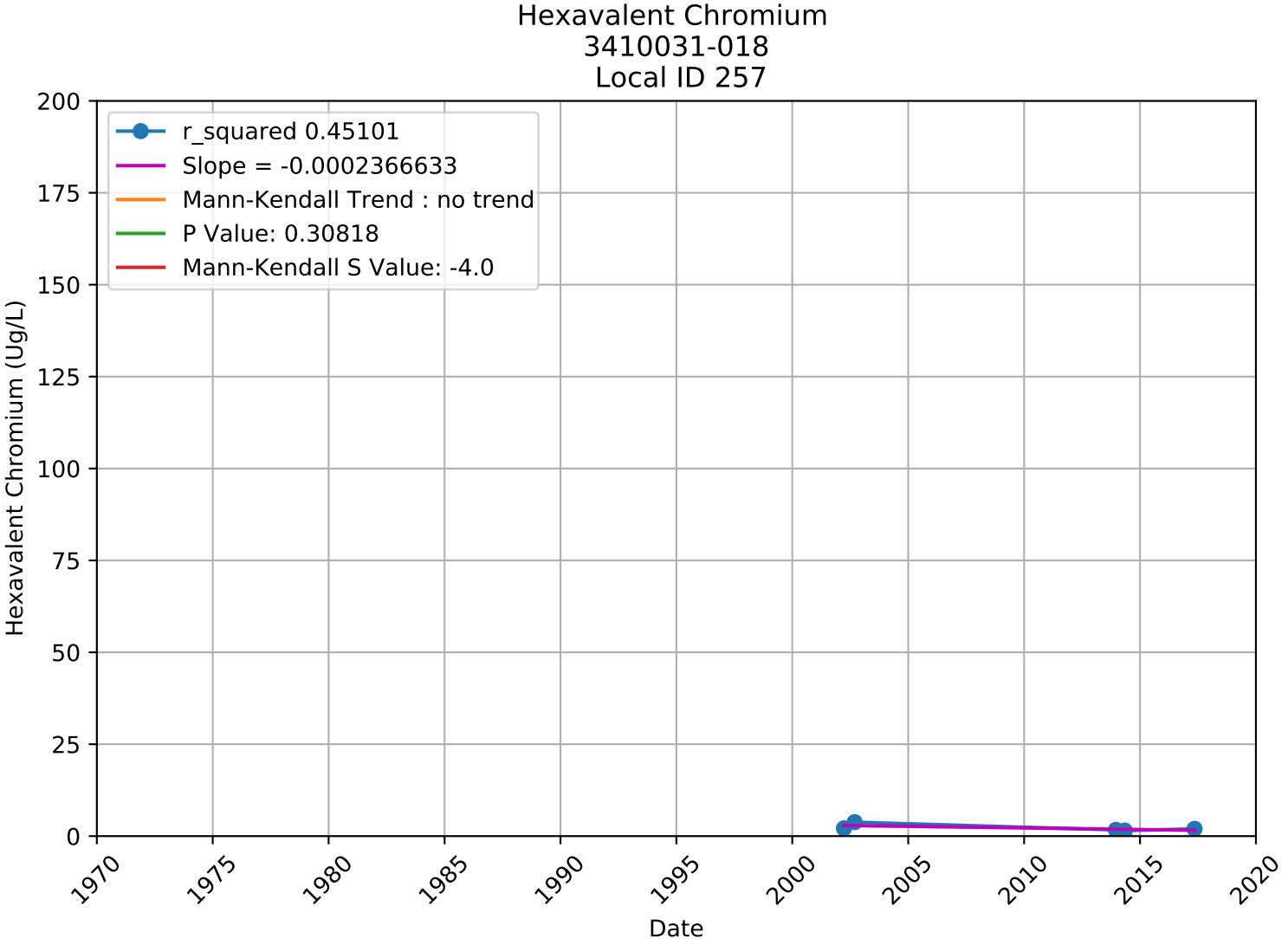

Hexavalent Chromium
3410031-012
Local ID 135
r_squared 0.77860
Slope = 0.0017464080
Mann-Kendall Trend : no trend
P Value: 0.73170
Mann-Kendall S Value: 6.0
Hexavalent Chromium (Ug/L)
Date
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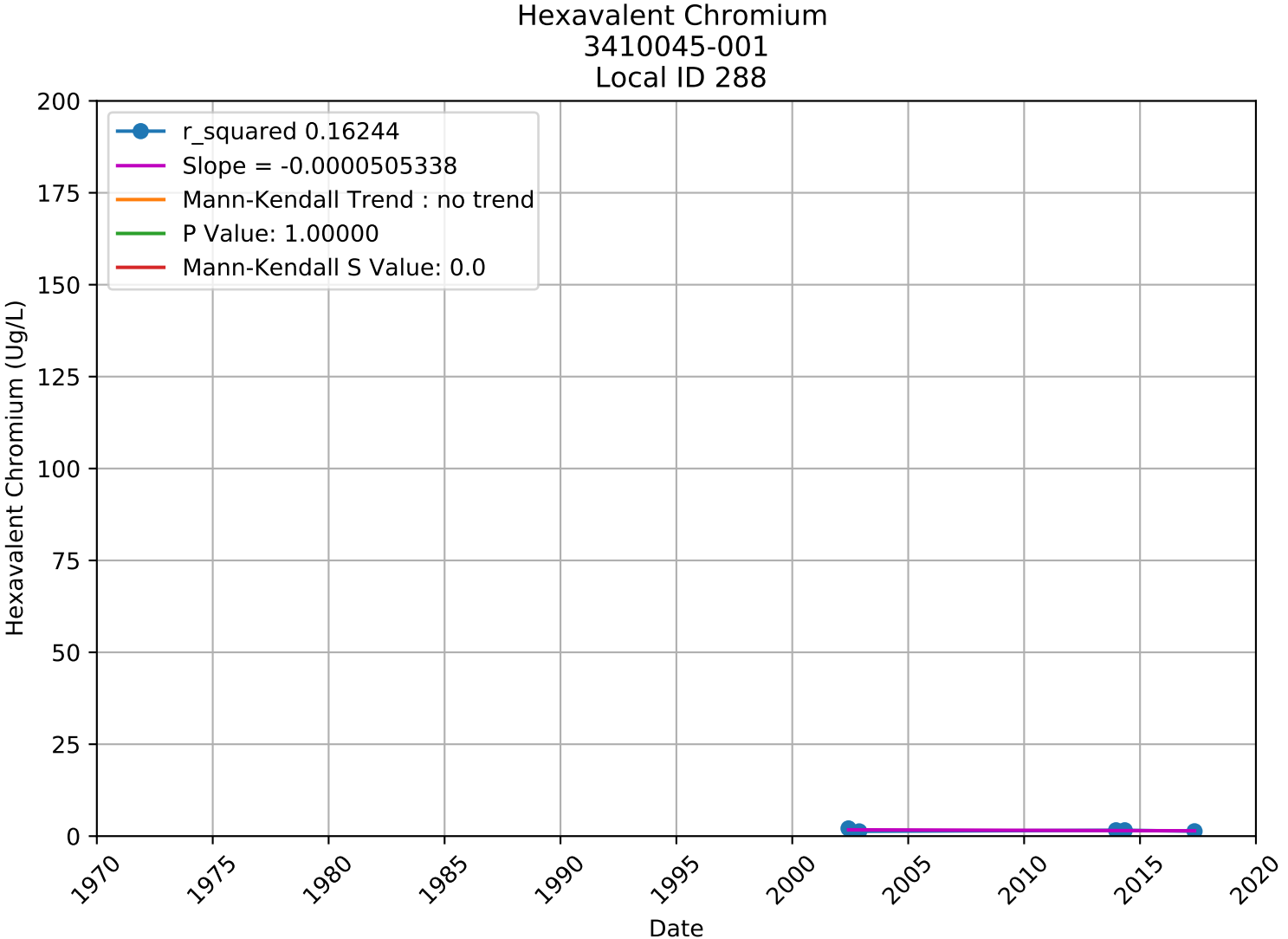

Hexavalent Chromium
3410031-013
Local ID 45
r_squared 0.38070
Slope = -0.0001538363
Mann-Kendall Trend : no trend
P Value: 0.08943
Mann-Kendall S Value: -6.0
Hexavalent Chromium (Ug/L)
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Date

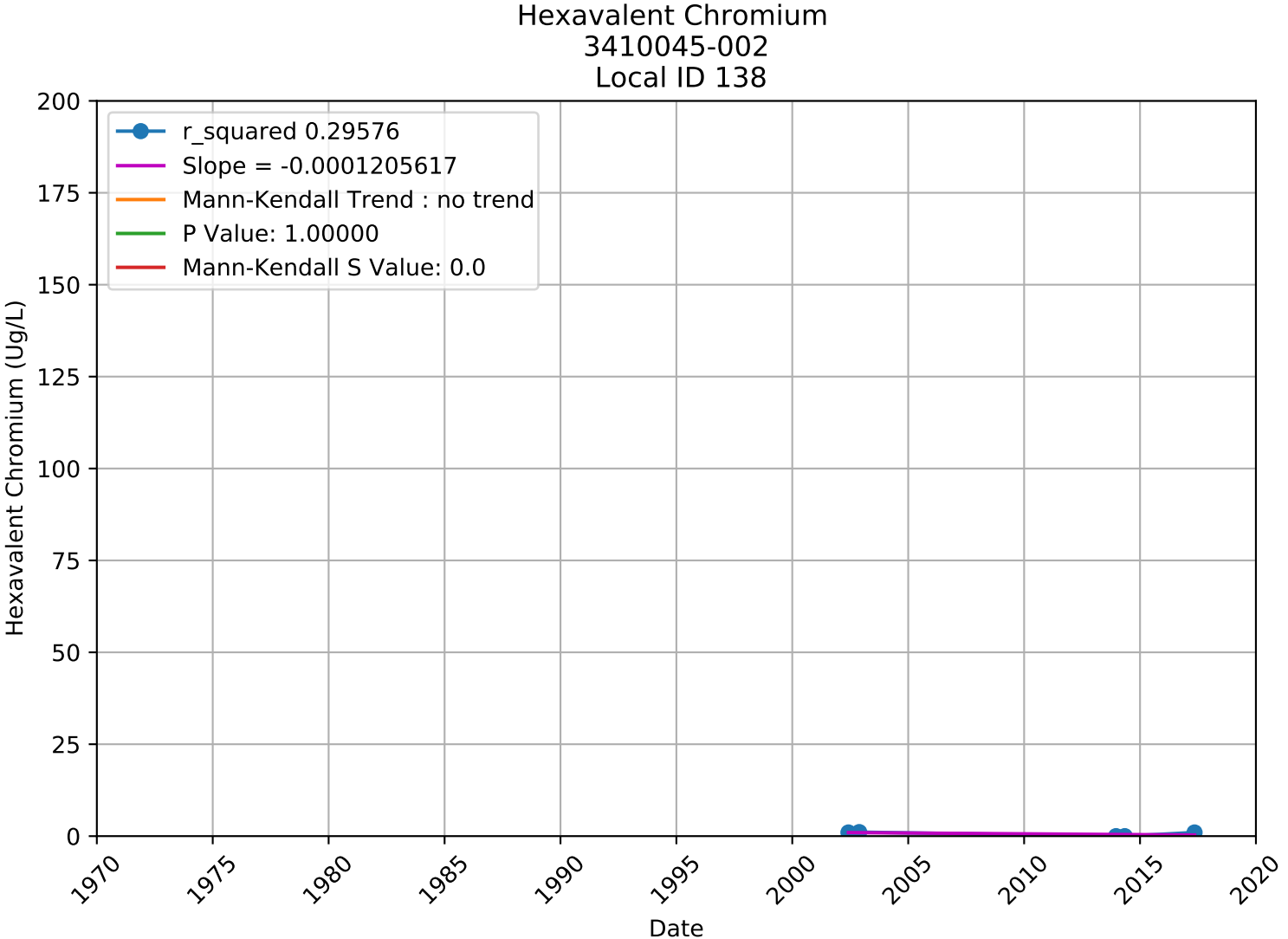

Hexavalent Chromium
3410031-014
Local ID 54
r_squared 0.36627
Slope = -0.0005818814
Mann-Kendall Trend : no trend
P Value: 0.30818
Mann-Kendall S Value: -4.0
Hexavalent Chromium (Ug/L)
Date
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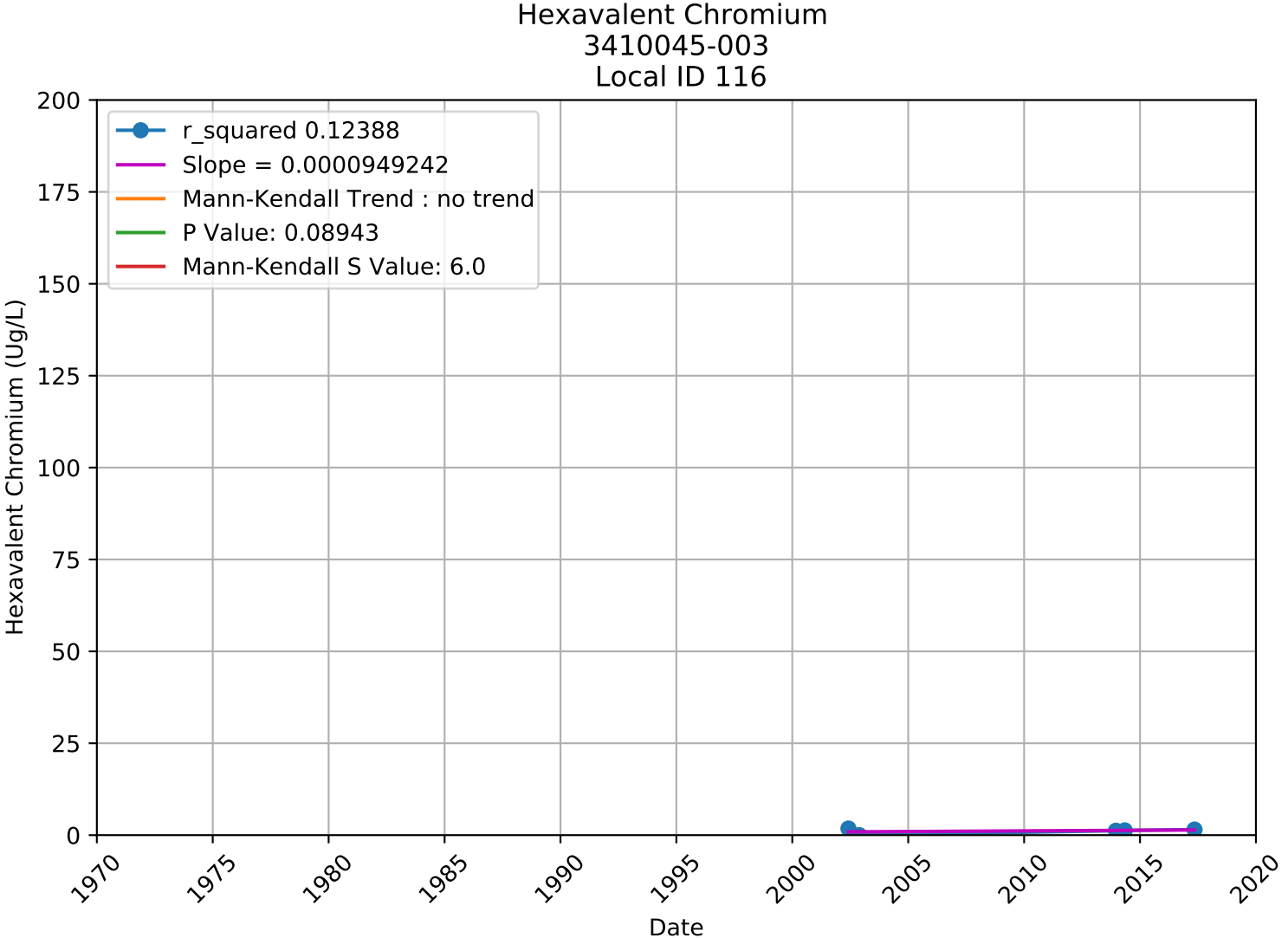

Hexavalent Chromium
3410031-016
Local ID 241
r_squared 0.00038
Slope = -0.0000125266
Mann-Kendall Trend : no trend
P Value: 0.73410
Mann-Kendall S Value: -2.0
Hexavalent Chromium (Ug/L)
Date
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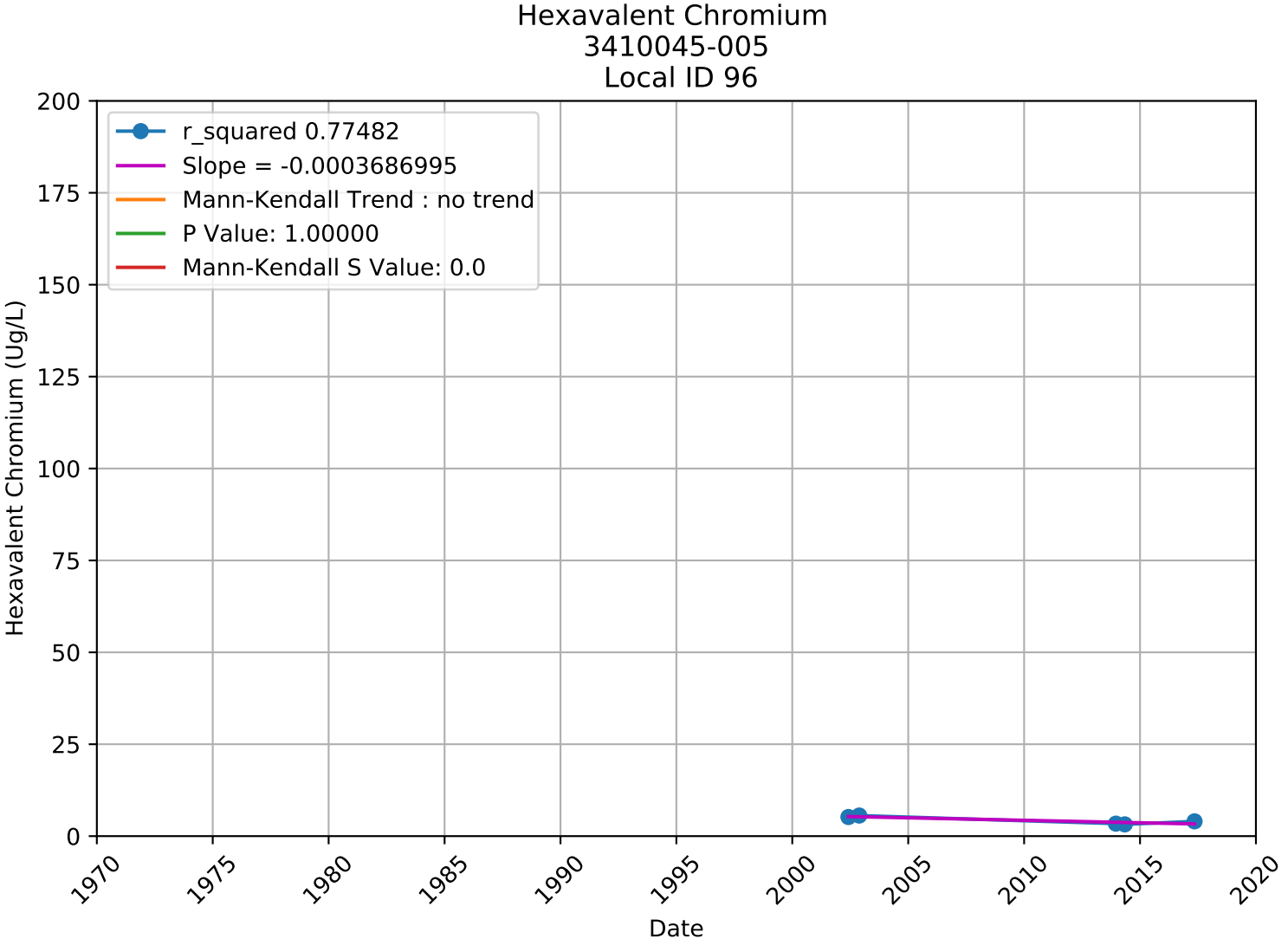

Hexavalent Chromium
3410031-017
Local ID 80
r_squared 0.00154
Slope = -0.0000183748
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Hexavalent Chromium (Ug/L)
Date
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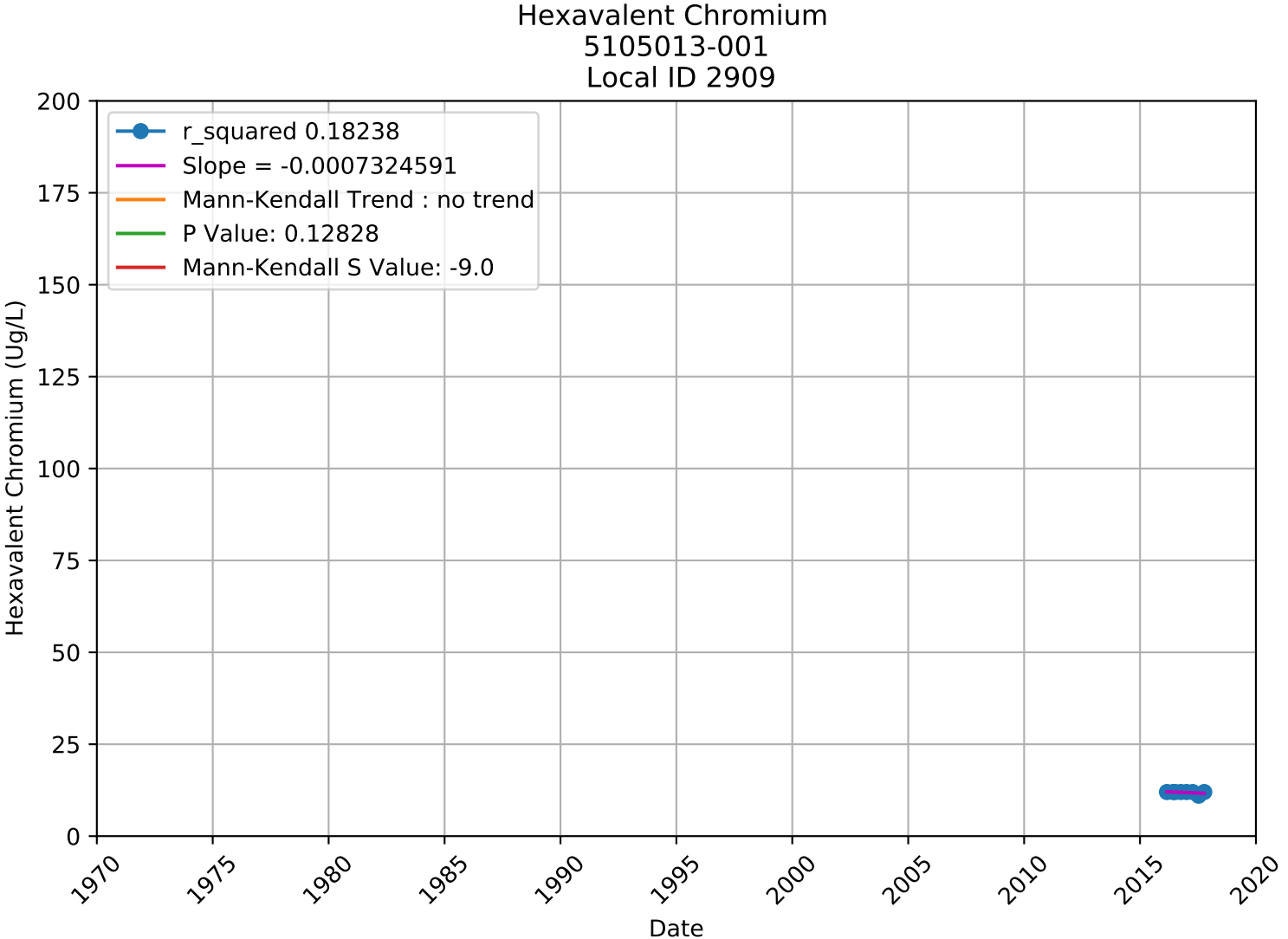

Hexavalent Chromium
3410031-018
Local ID 257
r_squared 0.45101
Slope = -0.0002366633
Mann-Kendall Trend : no trend
P Value: 0.30818
Mann-Kendall S Value: -4.0
Hexavalent Chromium (Ug/L)
Date
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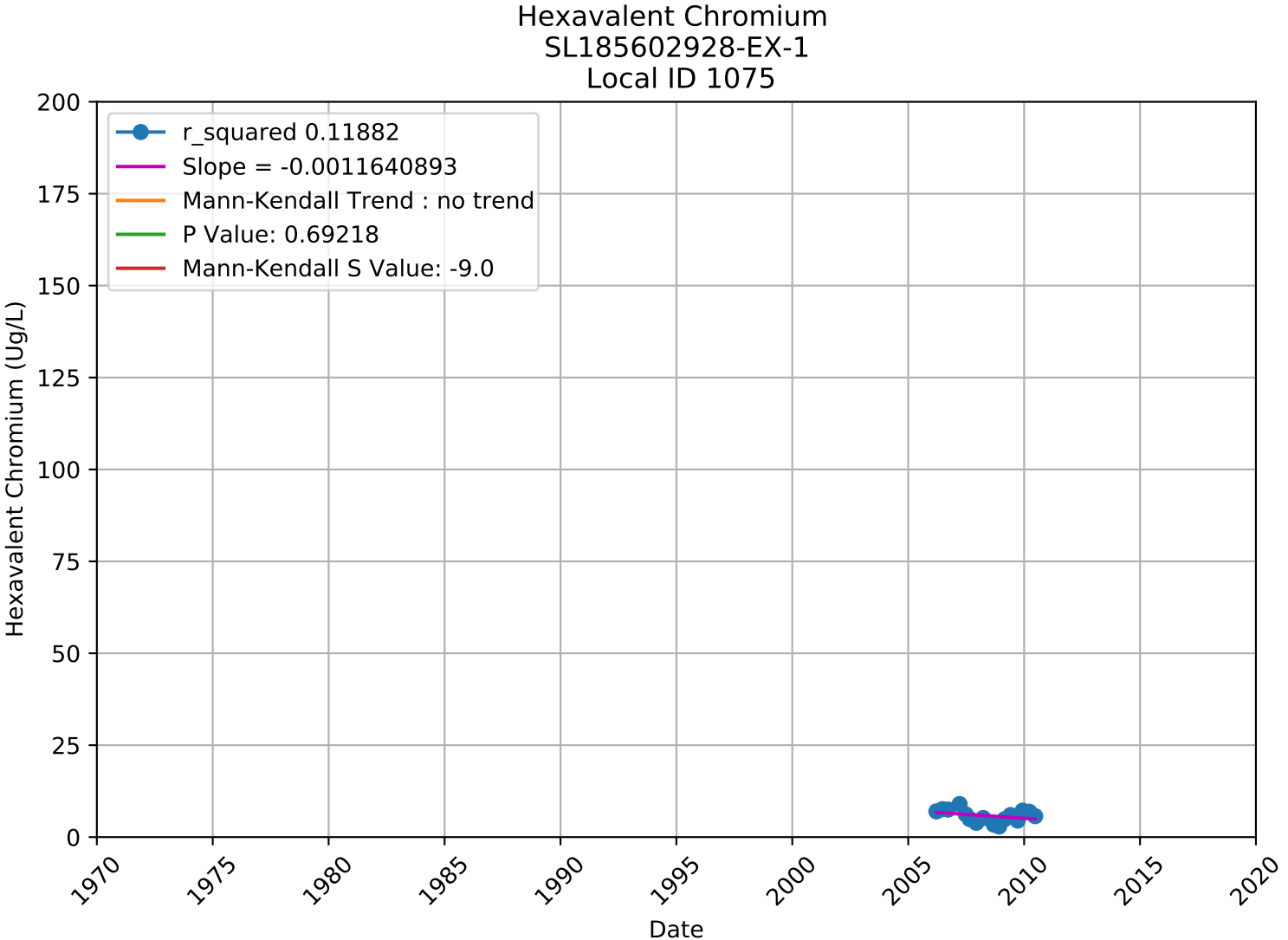

Hexavalent Chromium
3410045-001
Local ID 288
r_squared 0.16244
Slope = -0.0000505338
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Hexavalent Chromium (Ug/L)
Date
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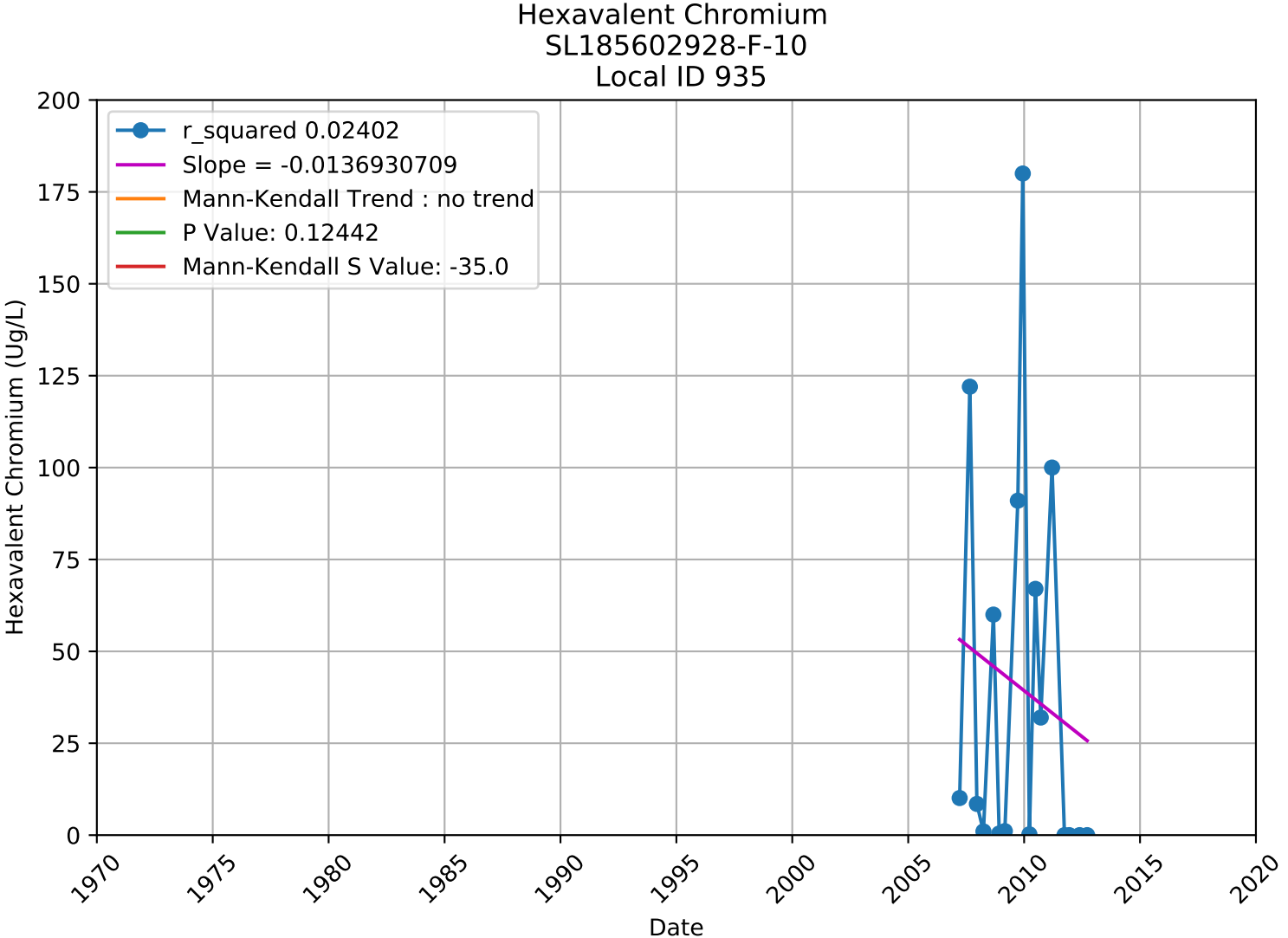

Hexavalent Chromium
3410045-002
Local ID 138
r_squared 0.29576
Slope = -0.0001205617
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Hexavalent Chromium (Ug/L)
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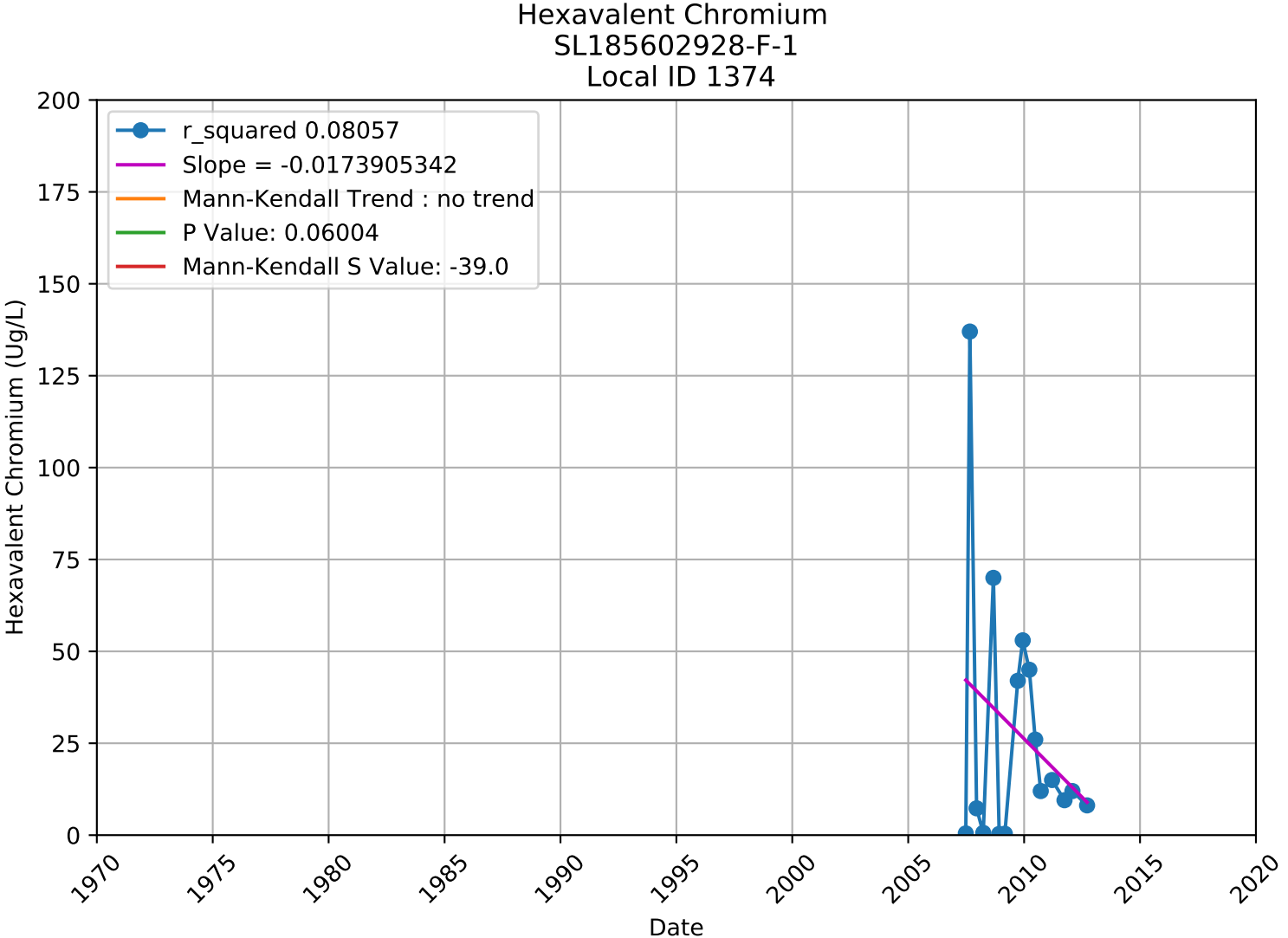

Hexavalent Chromium
3410045-003
Local ID 116
r_squared 0.12388
Slope = 0.0000949242
Mann-Kendall Trend : no trend
P Value: 0.08943
Mann-Kendall S Value: 6.0
Hexavalent Chromium (Ug/L)
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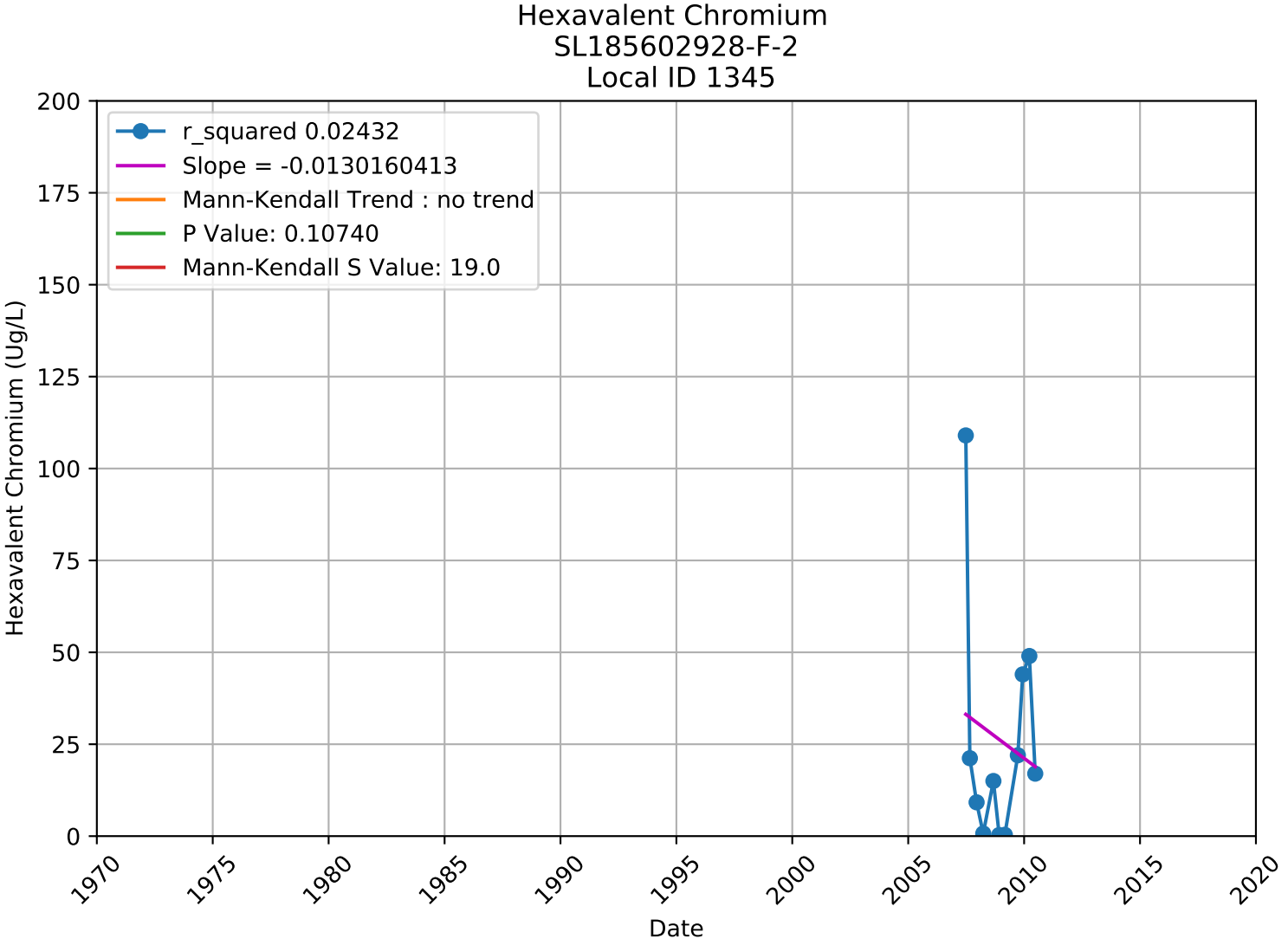

Hexavalent Chromium
3410045-005
Local ID 96
r_squared 0.77482
Slope = -0.0003686995
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 0.0
Hexavalent Chromium (Ug/L)
Date
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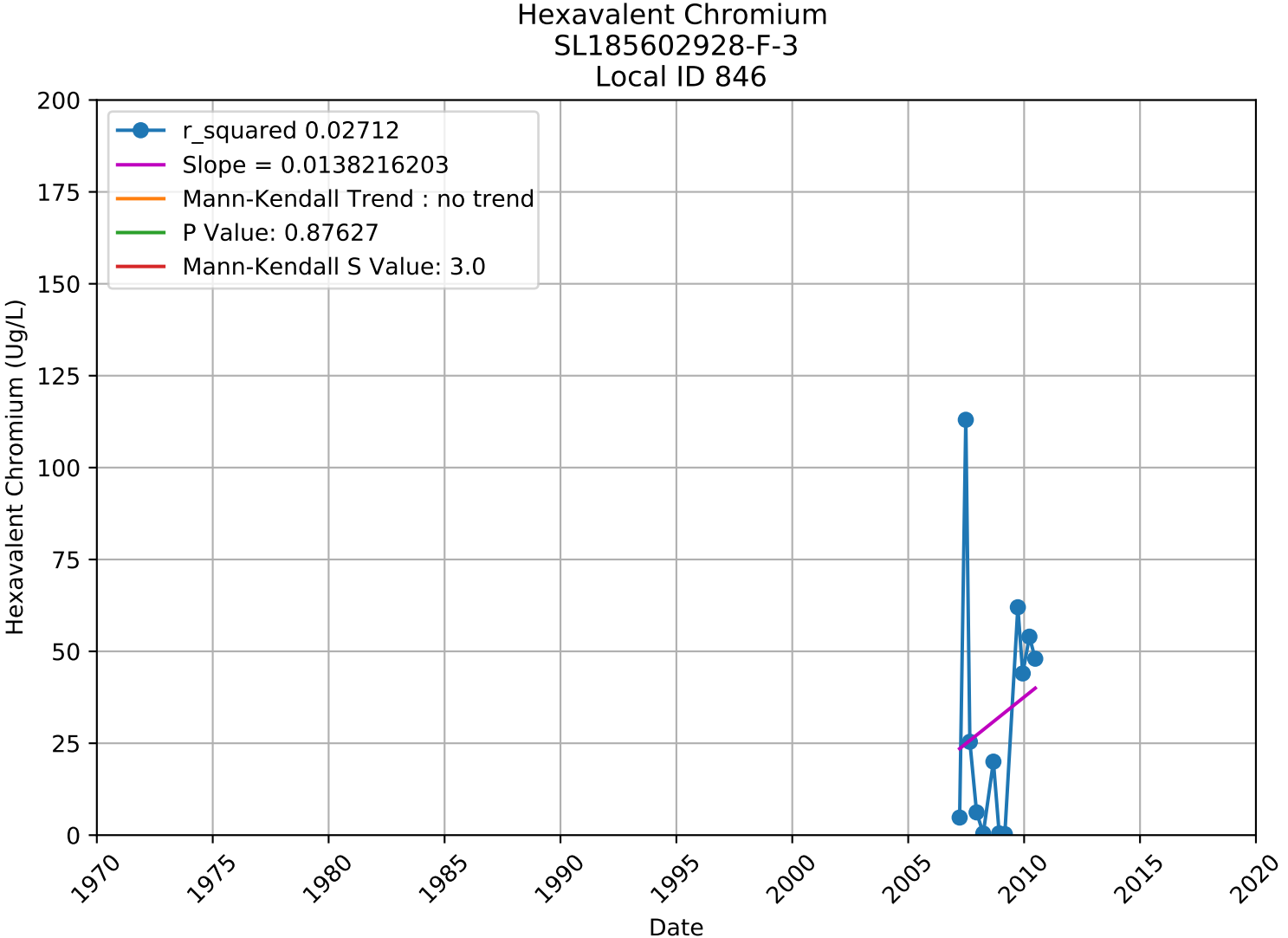

Hexavalent Chromium
5105013-001
Local ID 2909
r_squared 0.18238
Slope = -0.0007324591
Mann-Kendall Trend : no trend
P Value: 0.12828
Mann-Kendall S Value: -9.0
Hexavalent Chromium (Ug/L)
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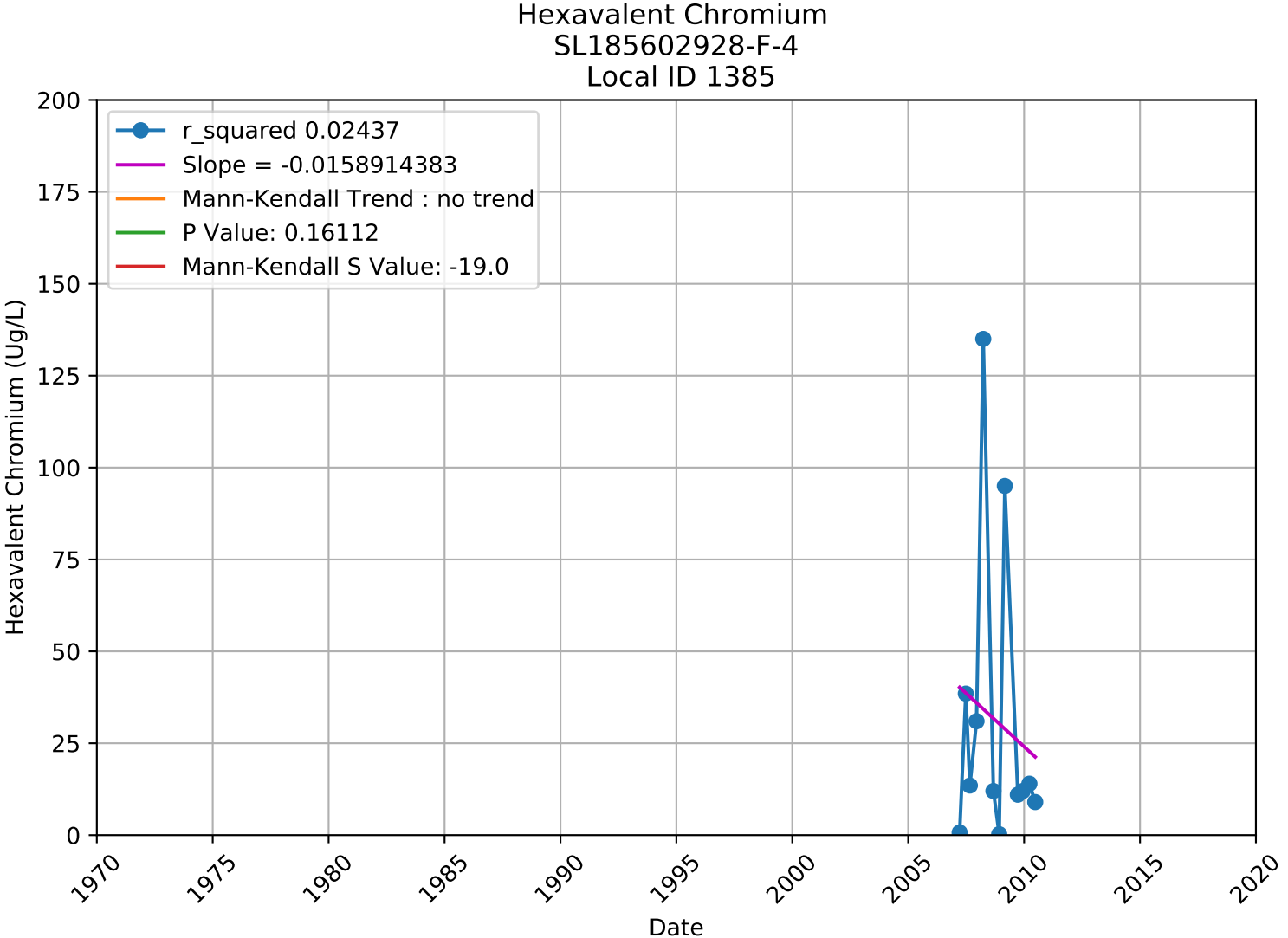

Hexavalent Chromium
SL185602928-EX-1
Local ID 1075
r_squared 0.11882
Slope = -0.0011640893
Mann-Kendall Trend : no trend
P Value: 0.69218
Mann-Kendall S Value: -9.0
Hexavalent Chromium (Ug/L)
Date
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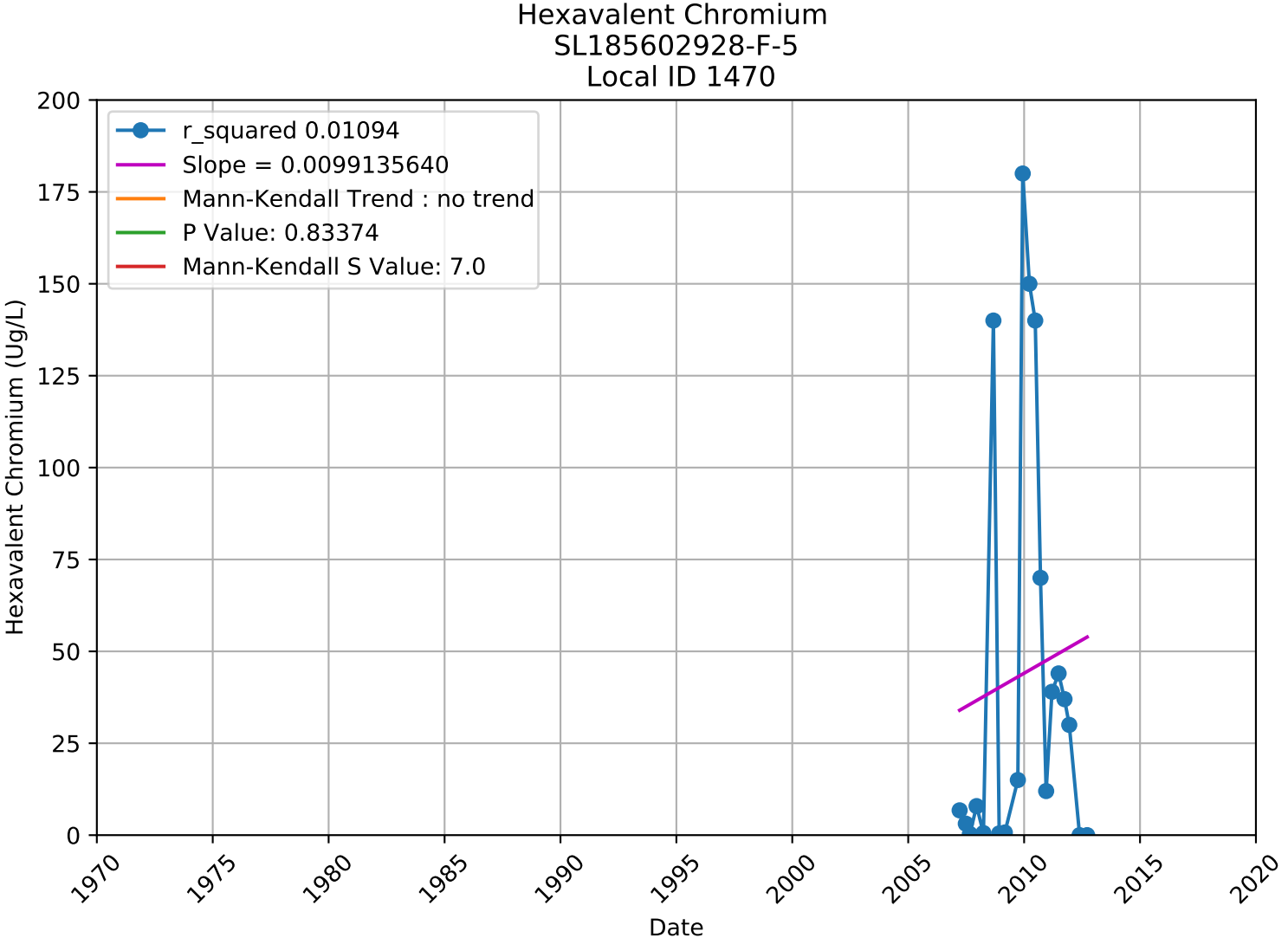

Hexavalent Chromium
SL185602928-F-10
Local ID 935
r_squared 0.02402
Slope = -0.0136930709
Mann-Kendall Trend : no trend
P Value: 0.12442
Mann-Kendall S Value: -35.0
Hexavalent Chromium (Ug/L)
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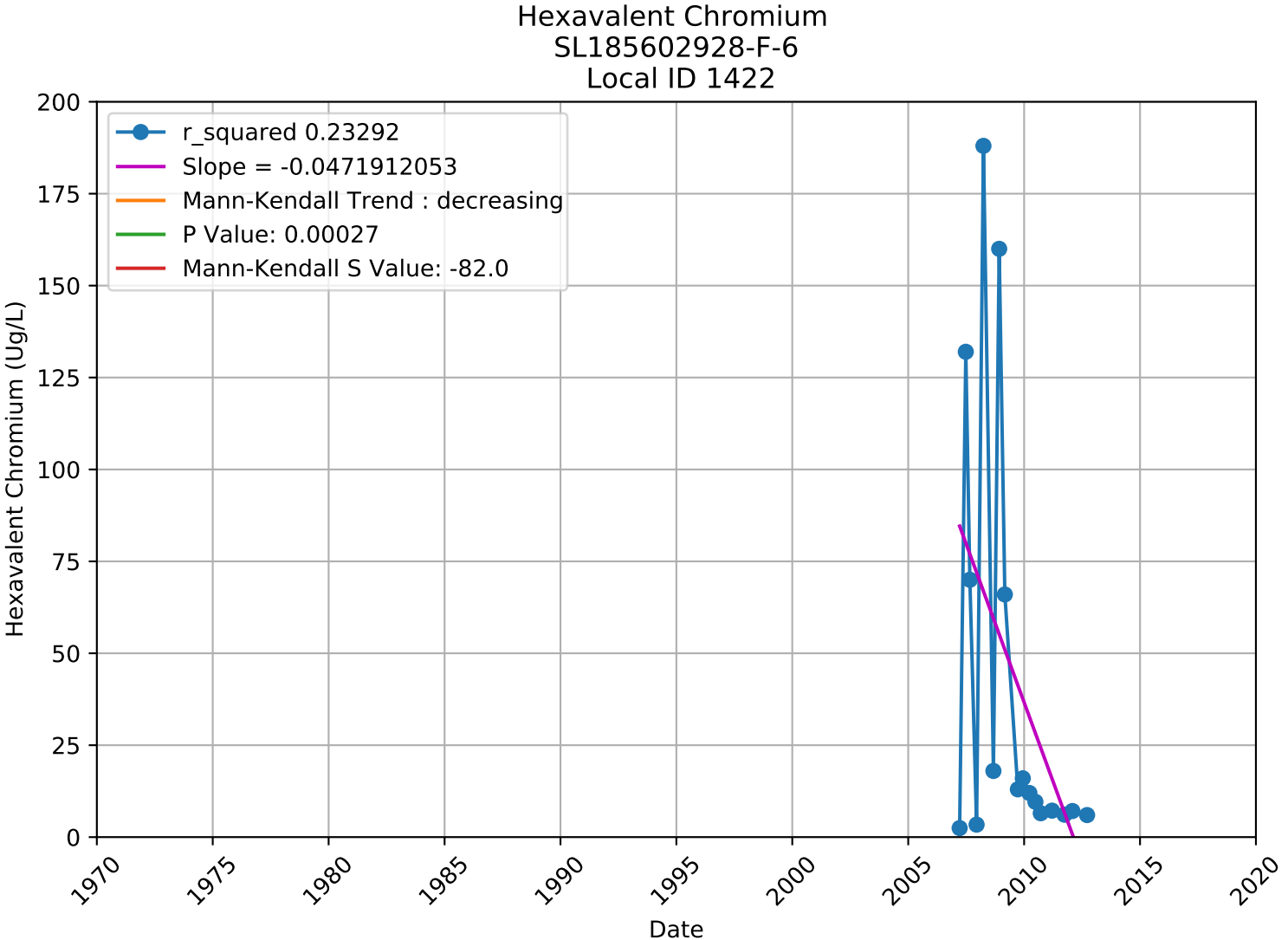

Hexavalent Chromium
SL185602928-F-1
Local ID 1374
r_squared 0.08057
Slope = -0.0173905342
Mann-Kendall Trend : no trend
P Value: 0.06004
Mann-Kendall S Value: -39.0
Hexavalent Chromium (Ug/L)
Date
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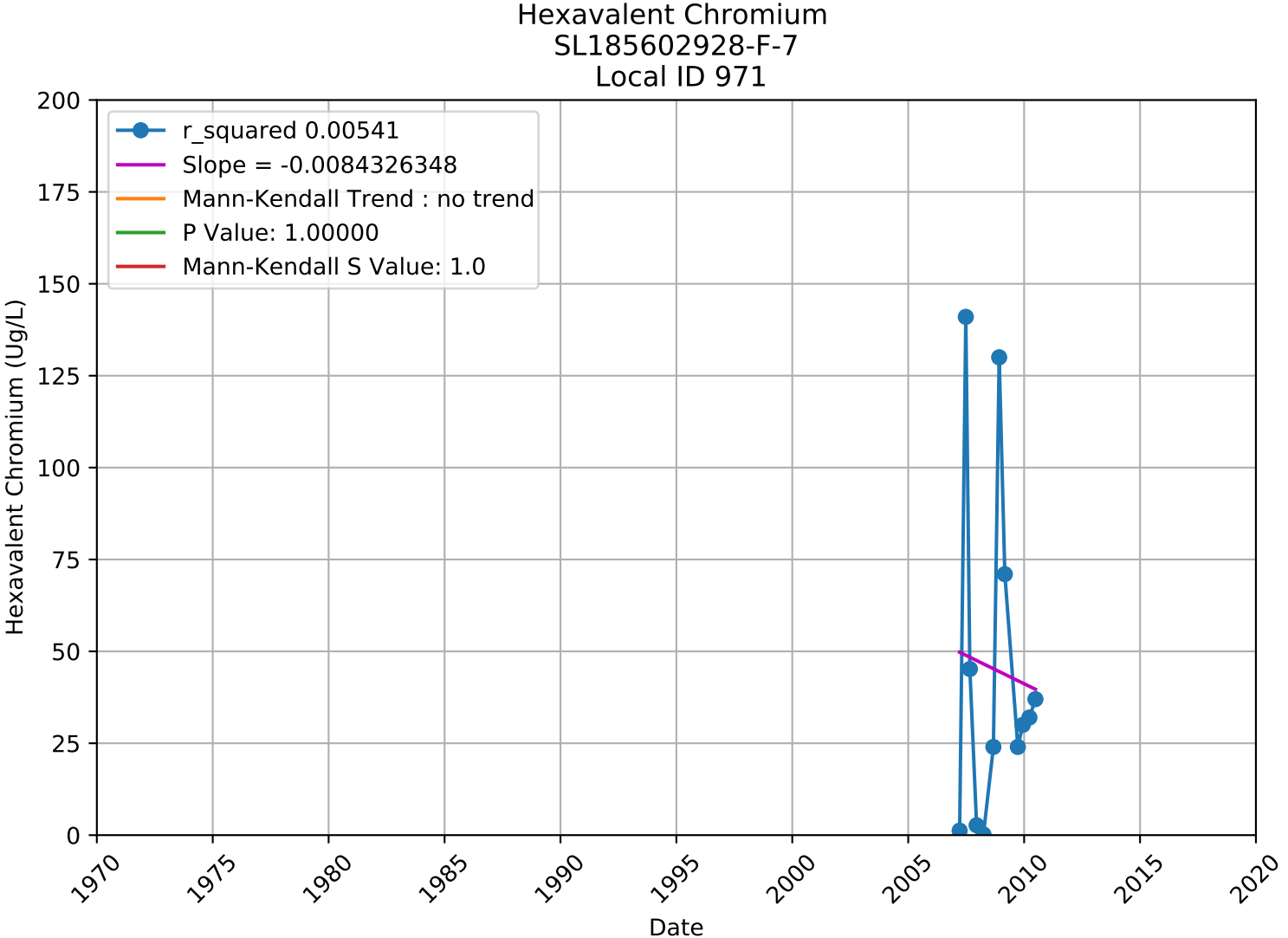

Hexavalent Chromium
SL185602928-F-2
Local ID 1345
r_squared 0.02432
Slope = -0.0130160413
Mann-Kendall Trend : no trend
P Value: 0.10740
Mann-Kendall S Value: 19.0
Hexavalent Chromium (Ug/L)
Date
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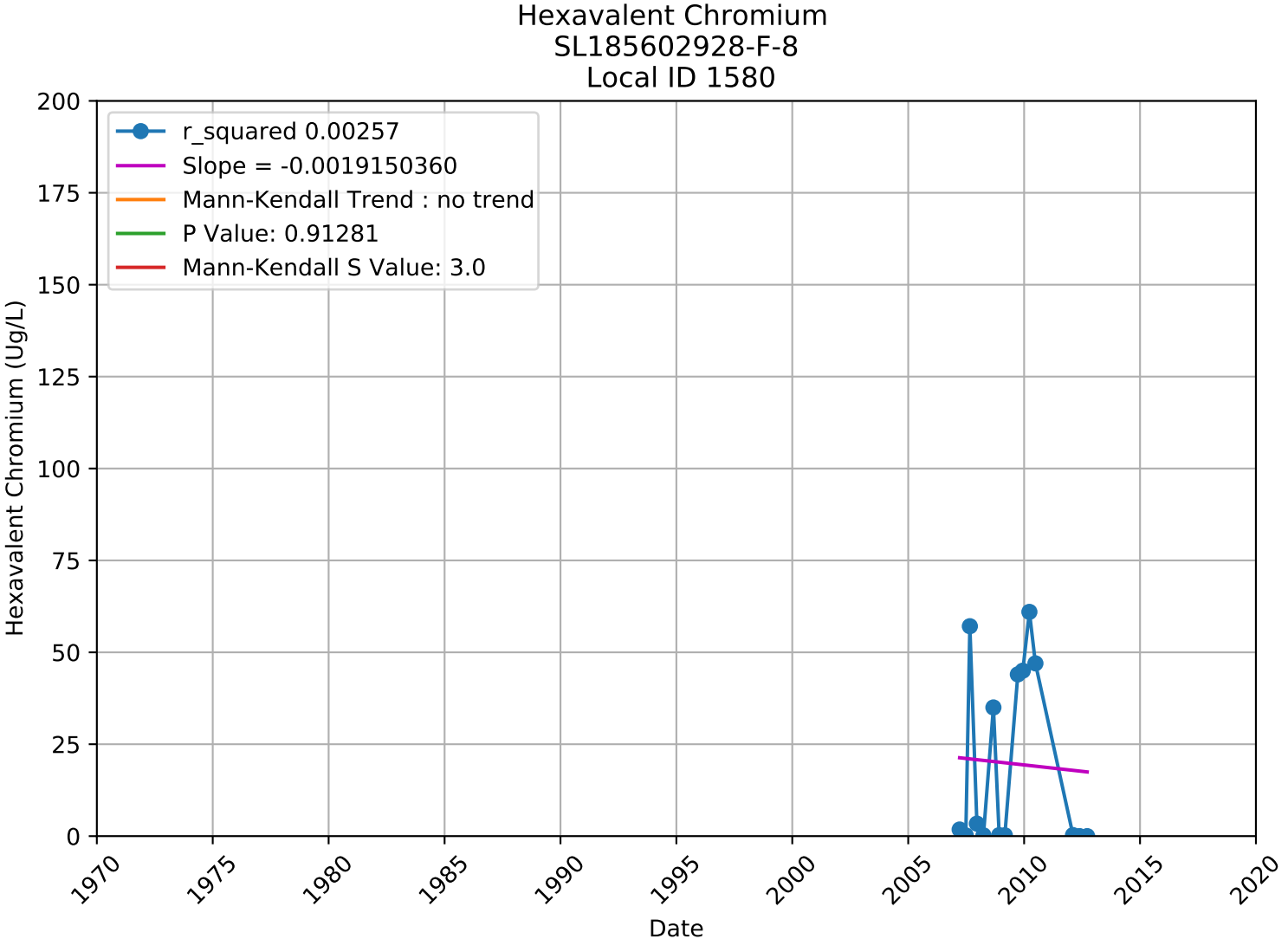

Hexavalent Chromium
SL185602928-F-3
Local ID 846
r_squared 0.02712
Slope = 0.0138216203
Mann-Kendall Trend : no trend
P Value: 0.87627
Mann-Kendall S Value: 3.0
Hexavalent Chromium (Ug/L)
Date
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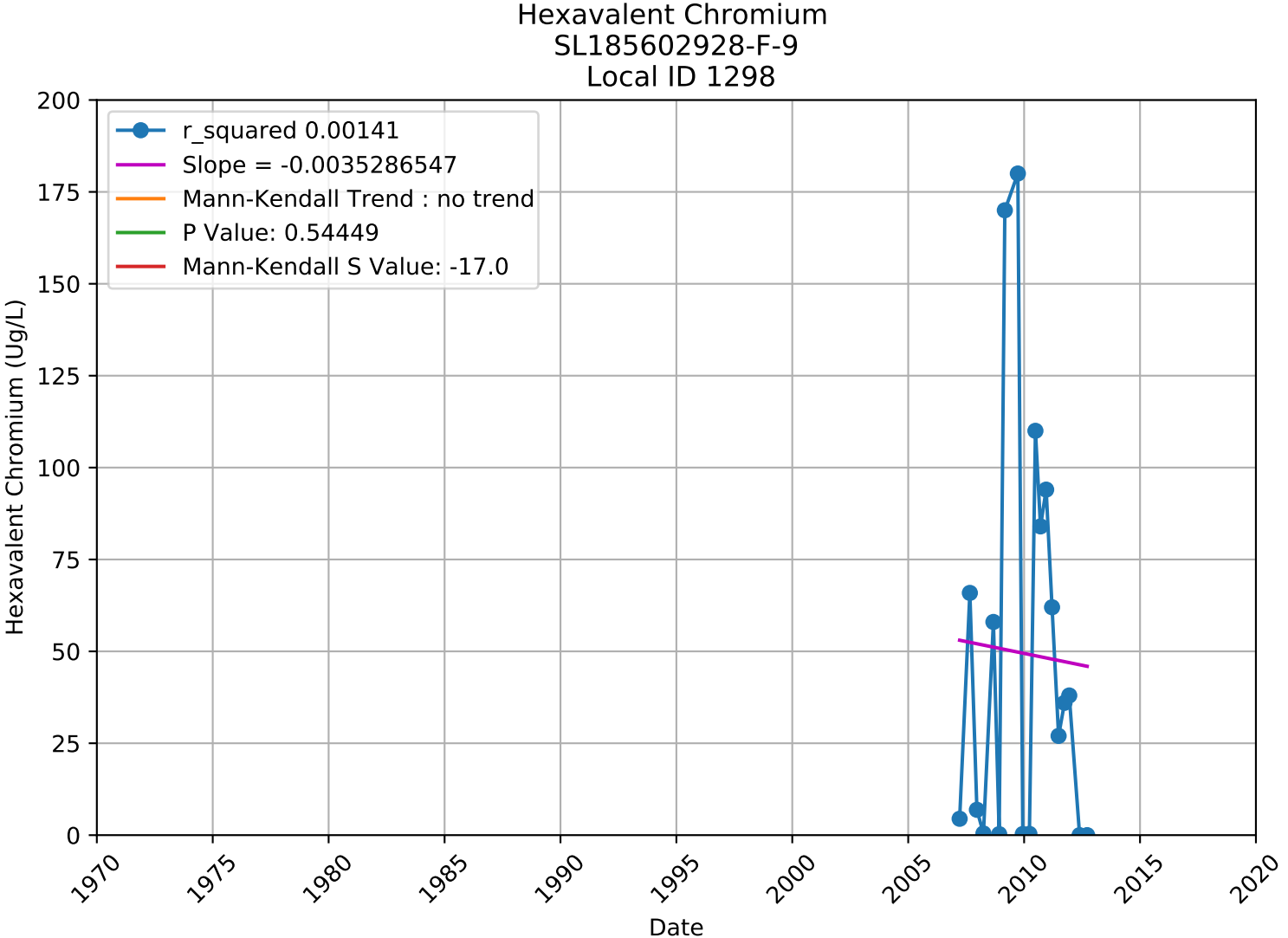

Hexavalent Chromium
SL185602928-F-4
Local ID 1385
r_squared 0.02437
Slope = -0.0158914383
Mann-Kendall Trend : no trend
P Value: 0.16112
Mann-Kendall S Value: -19.0
Hexavalent Chromium (Ug/L)
Date
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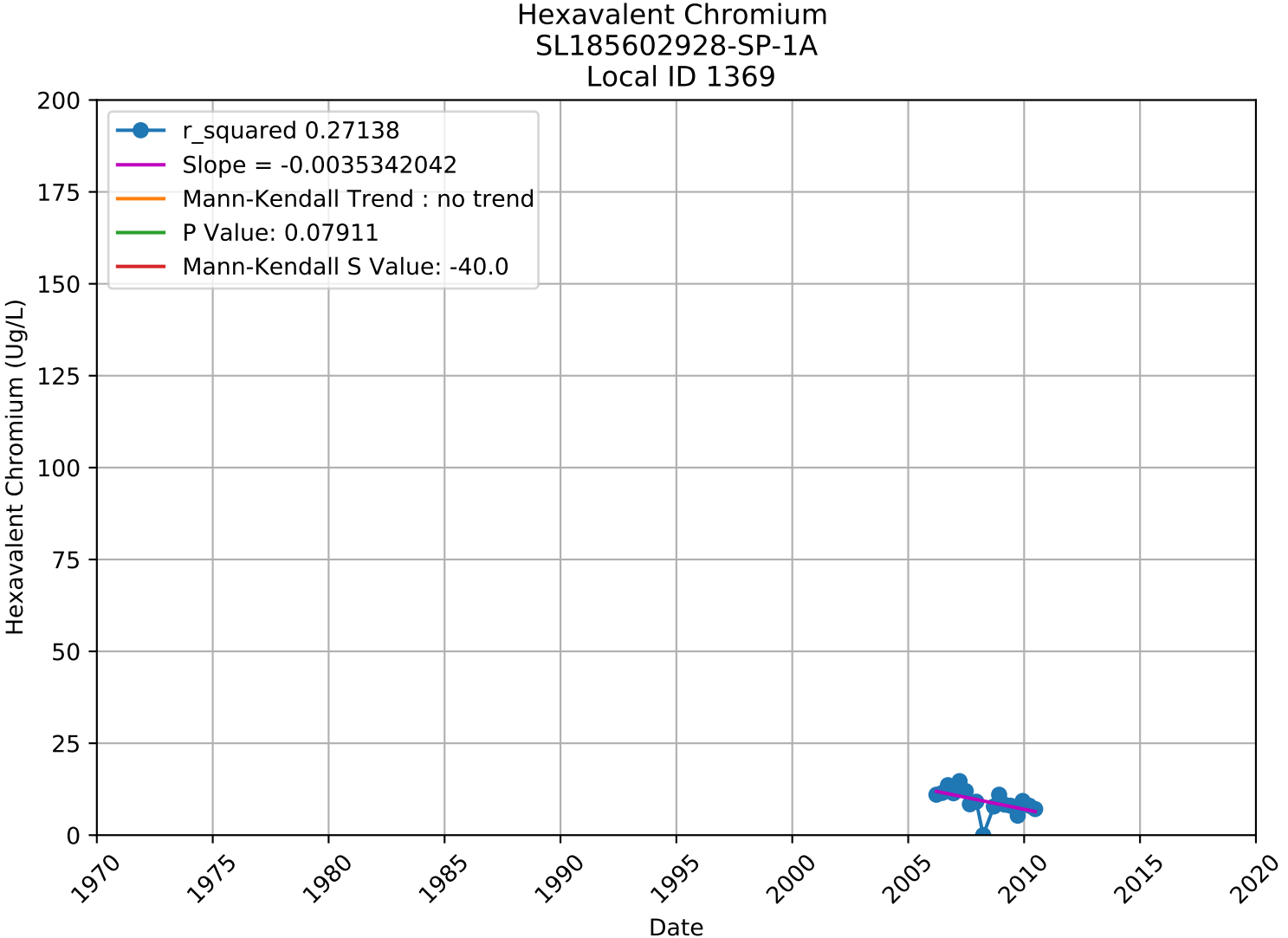

Hexavalent Chromium
SL185602928-F-5
Local ID 1470
r_squared 0.01094
Slope = 0.0099135640
Mann-Kendall Trend : no trend
P Value: 0.83374
Mann-Kendall S Value: 7.0
Hexavalent Chromium (Ug/L)
Date
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Hexavalent Chromium
SL185602928-F-6
Local ID 1422
r_squared 0.23292
Slope = -0.0471912053
Mann-Kendall Trend : decreasing
P Value: 0.00027
Mann-Kendall S Value: -82.0
Hexavalent Chromium (Ug/L)
Date
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Hexavalent Chromium
SL185602928-F-7
Local ID 971
r_squared 0.00541
Slope = -0.0084326348
Mann-Kendall Trend : no trend
P Value: 1.00000
Mann-Kendall S Value: 1.0
Hexavalent Chromium (Ug/L)
Date
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Hexavalent Chromium
SL185602928-F-8
Local ID 1580
r_squared 0.00257
Slope = -0.0019150360
Mann-Kendall Trend : no trend
P Value: 0.91281
Mann-Kendall S Value: 3.0
Hexavalent Chromium (Ug/L)
Date
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Hexavalent Chromium
SL185602928-F-9
Local ID 1298
r_squared 0.00141
Slope = -0.0035286547
Mann-Kendall Trend : no trend
P Value: 0.54449
Mann-Kendall S Value: -17.0
Hexavalent Chromium (Ug/L)
Date
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Hexavalent Chromium
SL185602928-SP-1A
Local ID 1369
r_squared 0.27138
Slope = -0.0035342042
Mann-Kendall Trend : no trend
P Value: 0.07911
Mann-Kendall S Value: -40.0
Hexavalent Chromium (Ug/L)
Date
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