

APPENDIX I
WATER QUALITY TREND GRAPHS

APPENDIX F – 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. The final value of S is equal to the net result of all such increments and decrements. A positive S indicates an increasing trend.

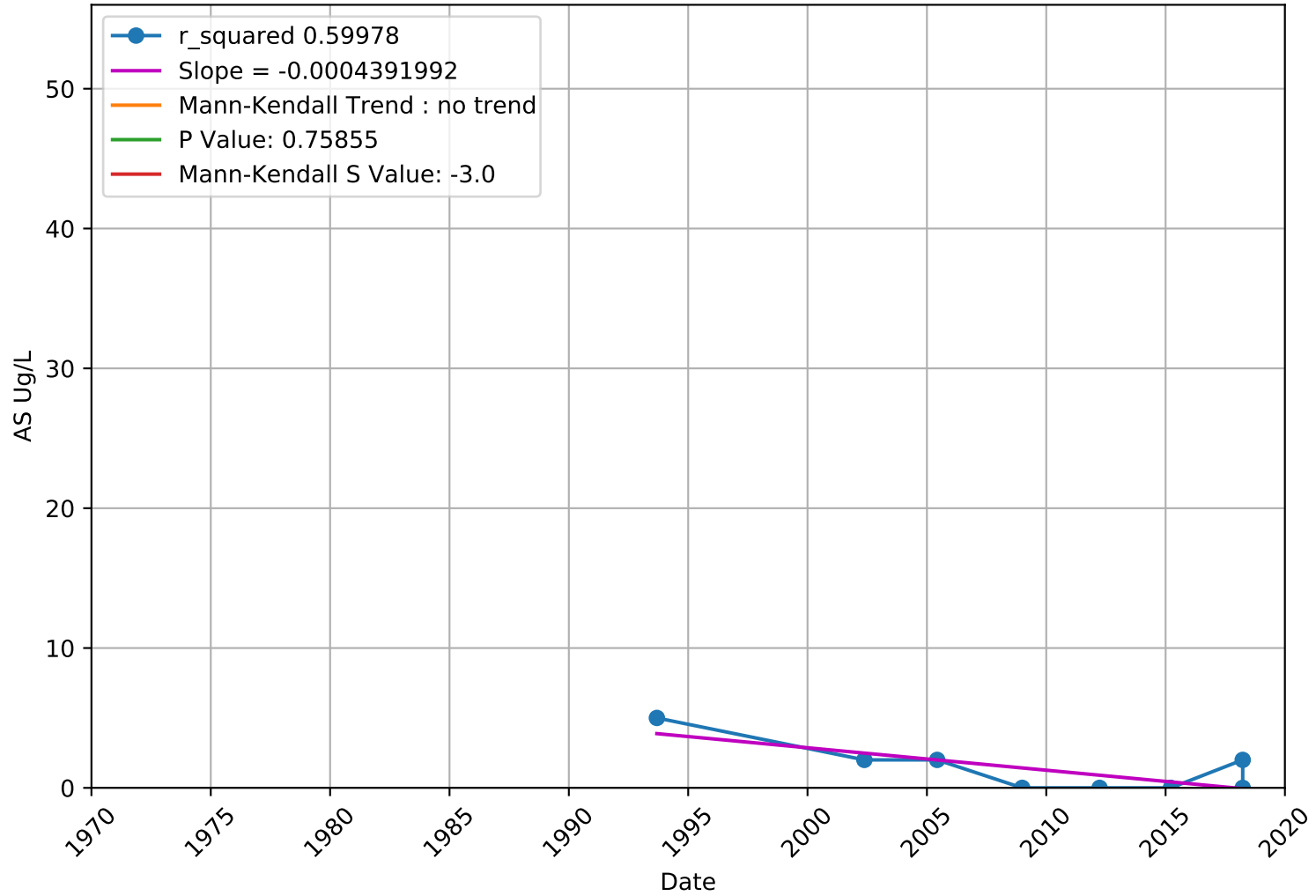
Arsenic

WellName	Latitude_NAD83	Longitude_NAD83	chemical	h	p	s	tau	trend	var_s	z	PRINCIPAL_AQUIFER
3910011-007	37.714471	-121.426009	AS	FALSE	0.203	-11	-0.393	no trend	61.667	-1.273	Unknown
3910011-010	37.736372	-121.435351	AS	FALSE	0.471	17	0.142	no trend	492.333	0.721	Unknown
3910702-003	37.705557	-121.39764	AS	TRUE	0	978	0.317	increasing	46807.33	4.516	Unknown
3910701-003	37.85144	-121.2682	AS	FALSE	0.271	-237	-0.088	no trend	45903	-1.102	Unknown
3910701-001	37.849584	-121.268763	AS	FALSE	0.721	45	0.035	no trend	15144.33	0.358	Unknown
3910011-017	37.738215	-121.419962	AS	FALSE	0.462	-4	-0.4	no trend	16.667	-0.735	Unknown
3910018-001	37.679751	-121.272617	AS	FALSE	0.127	-18	-0.4	no trend	124	-1.527	Unknown
4300611-002	37.994444	-121.499722	AS	FALSE	0.242	-5	-0.333	no trend	11.667	-1.171	Unknown
3910015-005	37.816859	-121.266705	AS	TRUE	0.02	254	0.235	increasing	11884	2.321	Upper
3910011-003	37.683959	-121.439427	AS	TRUE	0.006	136	0.335	increasing	2383.333	2.765	Lower
3910800-002	37.744188	-121.32701	AS	FALSE	0.19	105	0.149	no trend	6297.667	1.311	Unknown
3910800-003	37.74545	-121.32897	AS	FALSE	0.788	16	0.037	no trend	3124	0.268	Unknown
3910800-001	37.744746	-121.327221	AS	FALSE	0.734	-2	-0.333	no trend	8.667	-0.34	Unknown
3910800-004	37.74591	-121.336213	AS	TRUE	0.028	183	0.247	increasing	6829	2.202	Unknown
3100014-001	37.716956	-121.379533	AS	FALSE	0.759	-3	-0.143	no trend	42.333	-0.307	Unknown
3910701-005	37.851301	-121.2673	AS	TRUE	0.022	-464	-0.187	decreasing	40576.67	-2.298	Unknown
3910011-004	37.682308	-121.436988	AS	TRUE	0.001	123	0.446	increasing	1384.333	3.279	Lower
3910011-006	37.686539	-121.443515	AS	TRUE	0.014	91	0.303	increasing	1334.333	2.464	Lower
3910011-005	37.683353	-121.443313	AS	TRUE	0	200	0.43	increasing	2803.333	3.759	Lower
3910015-006	37.818884	-121.266416	AS	FALSE	0.203	-144	-0.128	no trend	12636	-1.272	Upper
3910015-007	37.811547	-121.263915	AS	FALSE	0.993	2	0.002	no trend	12624	0.009	Upper
3910015-008	37.801132	-121.262514	AS	FALSE	0.104	-156	-0.173	no trend	9110.667	-1.624	Upper
3910011-018	37.743262	-121.424805	AS	TRUE	0.002	133	0.443	increasing	1786.333	3.123	Lower
3910018-004	37.679705	-121.272761	AS	FALSE	0.649	-4	-0.19	no trend	43.333	-0.456	Unknown
3910701-007	37.851431	-121.265247	AS	FALSE	0.626	-7	-0.067	no trend	2839	-0.488	Unknown
3910702-006	37.709972	-121.390802	AS	TRUE	0	979	0.362	increasing	42417.67	4.749	Unknown
3910702-005	37.708149	-121.393881	AS	TRUE	0	836	0.318	increasing	42831.33	4.035	Unknown
4110013-014	37.7	-121.466667	AS	FALSE	0.077	26	0.394	no trend	199.333	1.771	Unknown
3900993-001	37.668527	-121.323805	AS	FALSE	0.217	7	0.467	no trend	23.667	1.233	Unknown
3901396-001	37.856888	-121.279555	AS	FALSE	0.228	-23	-0.253	no trend	333.667	-1.204	Unknown
3901398-001	37.716956	-121.379533	AS	FALSE	0.734	-2	-0.333	no trend	8.667	-0.34	Unknown
3900991-001	37.743544	-121.461428	AS	FALSE	0.086	-8	-0.8	no trend	16.667	-1.715	Unknown
3910011-030	37.740208	-121.439285	AS	FALSE	0.986	-2	-0.005	no trend	3122	-0.018	Lower
3900719-001	37.7685	-121.35325	AS	FALSE	0.462	-4	-0.4	no trend	16.667	-0.735	Unknown
3901348-002	37.702894	-121.406986	AS	FALSE	1	0	0	no trend	28.333	0	Unknown
3901181-001	37.692555	-121.428055	AS	FALSE	0.371	-3	-0.5	no trend	5	-0.894	Unknown
3900818-001	37.85	-121.28	AS	FALSE	0.764	3	0.143	no trend	44.333	0.3	Unknown
3901409-001	37.709642	-121.426004	AS	FALSE	1	0	0	no trend	16.667	0	Unknown
3901204-001	37.85	-121.27	AS	FALSE	0.212	11	0.393	no trend	64.333	1.247	Unknown
3901305-007	37.741365	-121.399277	AS	FALSE	0.734	2	0.333	no trend	8.667	0.34	Unknown
3900713-001	37.84	-121.44	AS	FALSE	0.271	19	0.244	no trend	267.667	1.1	Unknown
3901378-002	37.743671	-121.362772	AS	FALSE	0.124	-66	-0.22	no trend	1785.333	-1.538	Unknown
3901172-002	37.636324	-121.399544	AS	FALSE	1	0	0	no trend	16.667	0	Unknown
3901172-003	37.632289	-121.39736	AS	FALSE	1	0	0	no trend	28.333	0	Unknown
3900702-001	37.990639	-121.407056	AS	FALSE	0.436	5	0.333	no trend	26.333	0.779	Unknown
3900583-001	37.84	-121.44	AS	FALSE	0.086	8	0.8	no trend	16.667	1.715	Unknown
3900810-001	37.804543	-121.267078	AS	TRUE	0.002	-310	-0.313	decreasing	10404	-3.029	Unknown
3901216-002	37.74753	-121.516649	AS	FALSE	0.308	-4	-0.667	no trend	8.667	-1.019	Unknown
3900559-001	37.79	-121.38	AS	FALSE	0.308	-4	-0.667	no trend	8.667	-1.019	Unknown
3900558-002	37.79	-121.4	AS	FALSE	0.096	-7	-0.7	no trend	13	-1.664	Unknown
3910011-034	37.752802	-121.434603	AS	FALSE	0.058	79	0.225	no trend	1695	1.895	Lower
3910011-032	37.754682	-121.465249	AS	FALSE	0.441	34	0.113	no trend	1833.333	0.771	Lower
3901348-003	37.698742	-121.409917	AS	FALSE	1	1	0.048	no trend	27.667	0	Unknown
3901348-004	37.698147	-121.416153	AS	FALSE	1	1	0.067	no trend	19.667	0	Unknown
3900810-002	37.808086	-121.271346	AS	FALSE	0.195	-108	-0.146	no trend	6811.333	-1.296	Unknown
3910015-013	37.792108	-121.274608	AS	FALSE	0.298	-20	-0.22	no trend	332.667	-1.042	Unknown
377427N1213943W002	37.742656	-121.394318	AS	FALSE	0.1	-34	-0.324	no trend	402.667	-1.645	Lower
377427N1213943W001	37.742656	-121.394318	AS	FALSE	0.767	7	0.067	no trend	408.333	0.297	Lower
377427N1213943W003	37.742656	-121.394318	AS	FALSE	0.367	-19	-0.181	no trend	397.667	-0.903	Lower
377402N1214508W001	37.740187	-121.450762	AS	FALSE	0.138	-31	-0.295	no trend	408.333	-1.485	Lower
377143N1214459W002	37.714305	-121.445905	AS	FALSE	0.304	-21	-0.2	no trend	379	-1.027	Lower
377143N1214459W003	37.714305	-121.445905	AS	FALSE	0.2	-26	-0.248	no trend	380	-1.282	Lower
377402N1214508W003	37.740187	-121.450762	AS	FALSE	0.802	-6	-0.057	no trend	397.333	-0.251	Lower
377402N1214508W002	37.740187	-121.450762	AS	FALSE	0.057	-39	-0.371	no trend	399	-1.902	Lower
377143N1214459W001	37.714305	-121.445905	AS	FALSE	0.276	23	0.219	no trend	408.333	1.089	Lower
3901309-008	37.694682	-121.411996	AS	FALSE	0.242	-5	-0.333	no trend	11.667	-1.171	Unknown
3901397-007	37.759762	-121.508982	AS	FALSE	1	-1	-0.167	no trend	7.667	0	Unknown
377656N1214199W001	37.765631	-121.41992	AS	FALSE	0.111	-23	-0.348	no trend	190.333	-1.595	Lower
377656N1214199W002	37.765631	-121.41992	AS	FALSE	0.303	-12	-0.267	no trend	114	-1.03	Lower
377656N1214199W003	37.765631	-121.41992	AS	TRUE	0.03	-36	-0.462	decreasing	259.333	-2.173	Lower
377149N1214257W003	37.714872	-121.425674	AS	FALSE	0.134	-22	-0.333	no trend	196.667	-1.497	Lower
377149N1214257W002	37.714872	-121.425674	AS	FALSE	0.778	-5	-0.076	no trend	201.667	-0.282	Lower
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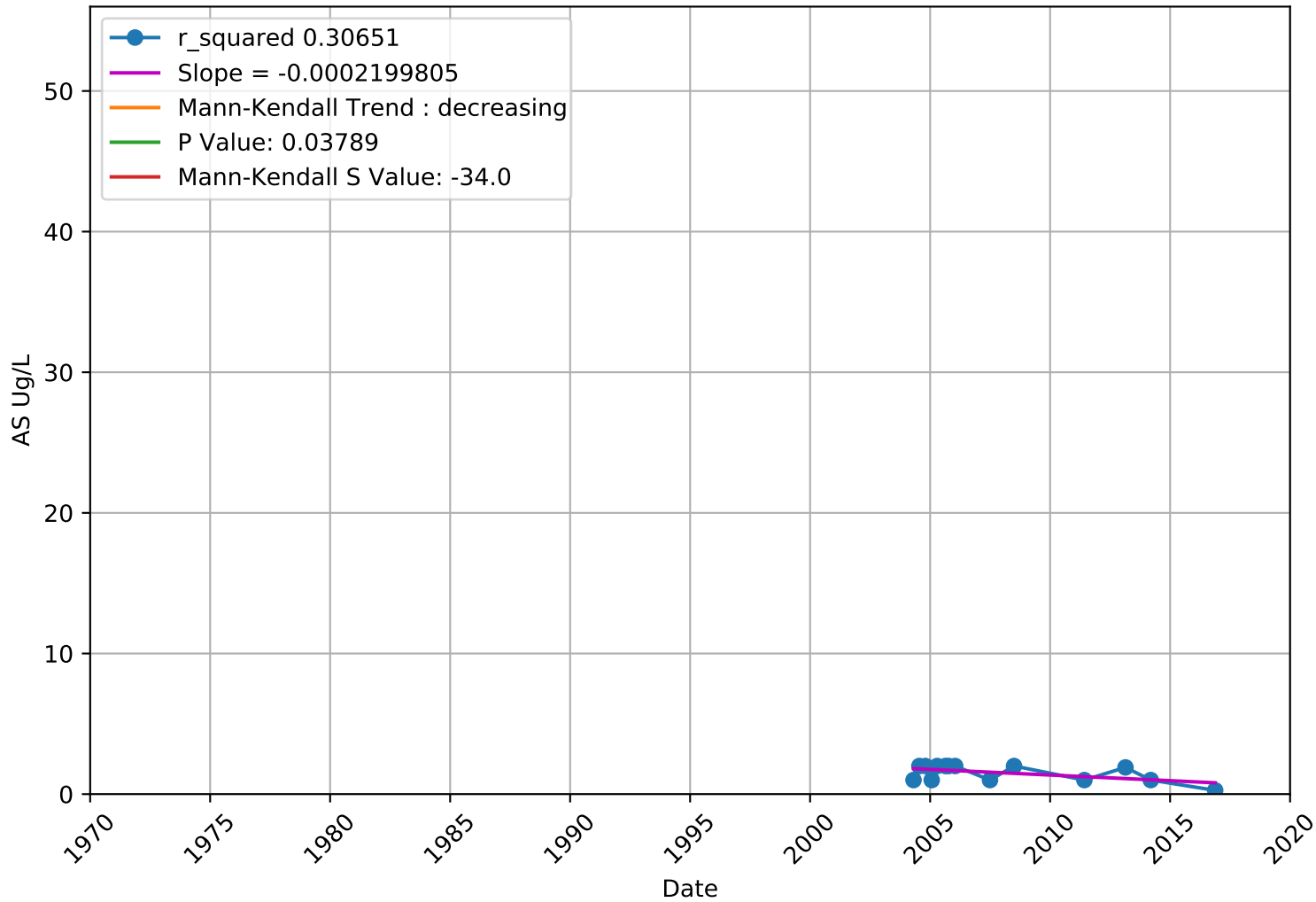
377031N1214485W002	37.703055	-121.448544	AS	FALSE	0.234	-20	-0.256	no trend	255.333	-1.189	Lower
377031N1214485W001	37.703055	-121.448544	AS	TRUE	0.038	-34	-0.436	decreasing	252.667	-2.076	Lower
377031N1214485W003	37.703055	-121.448544	AS	TRUE	0.014	-40	-0.513	decreasing	250	-2.467	Lower
3910005-044	37.782808	-121.300937	AS	TRUE	0.002	-2043	-0.163	decreasing	450746.3	-3.042	Unknown
3910800-006	37.744722	-121.329167	AS	TRUE	0.028	149	0.266	increasing	4550.333	2.194	Unknown
3901420-001	37.690618	-121.432012	AS	FALSE	1	0	0	no trend	8.667	0	Unknown
3910015-016	37.80114	-121.262596	AS	FALSE	0.109	-46	-0.269	no trend	790	-1.601	Upper

Arsenic

3100014-001 - Unknown Aquifer

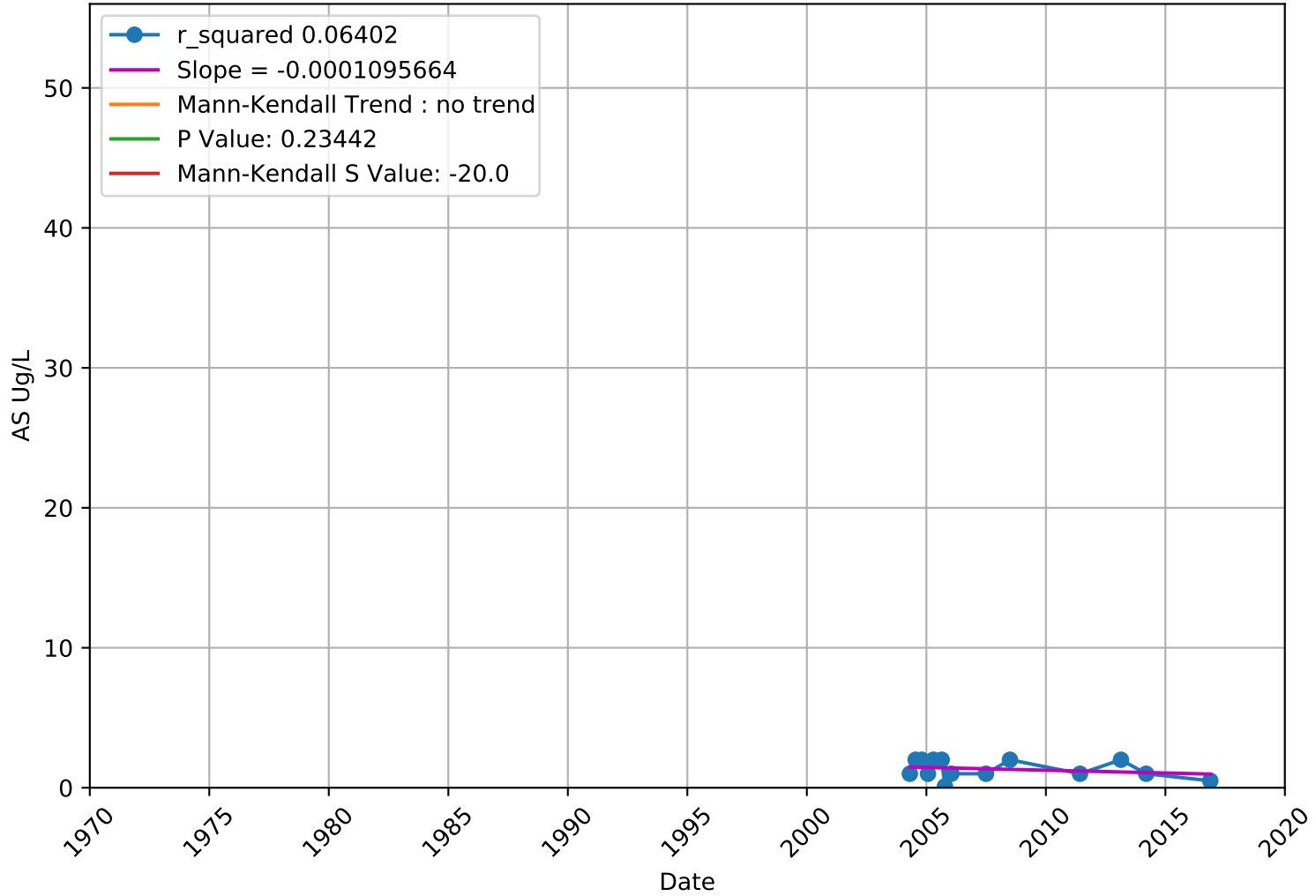


Arsenic 377031N1214485W001 - Lower Aquifer



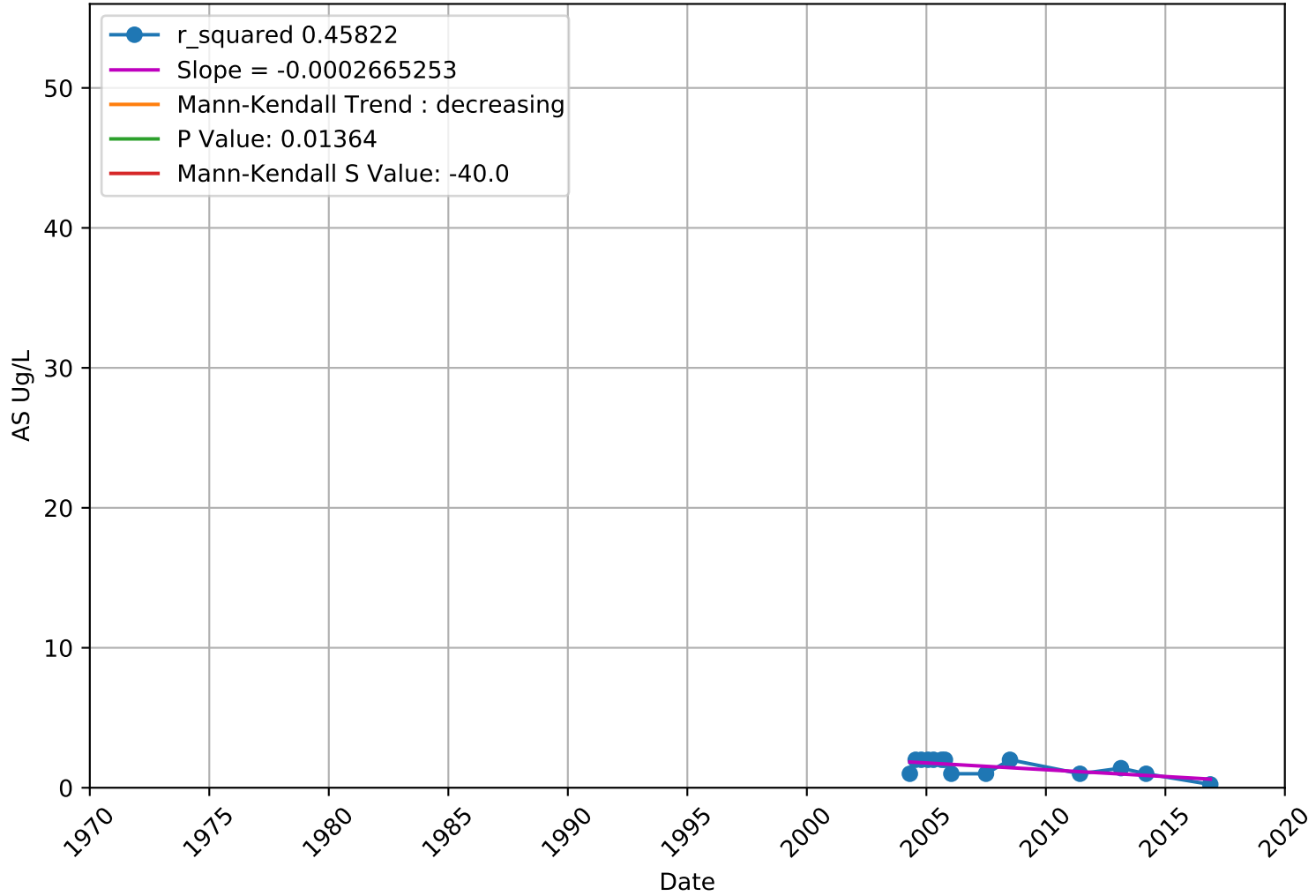
Arsenic

377031N1214485W002 - Lower Aquifer



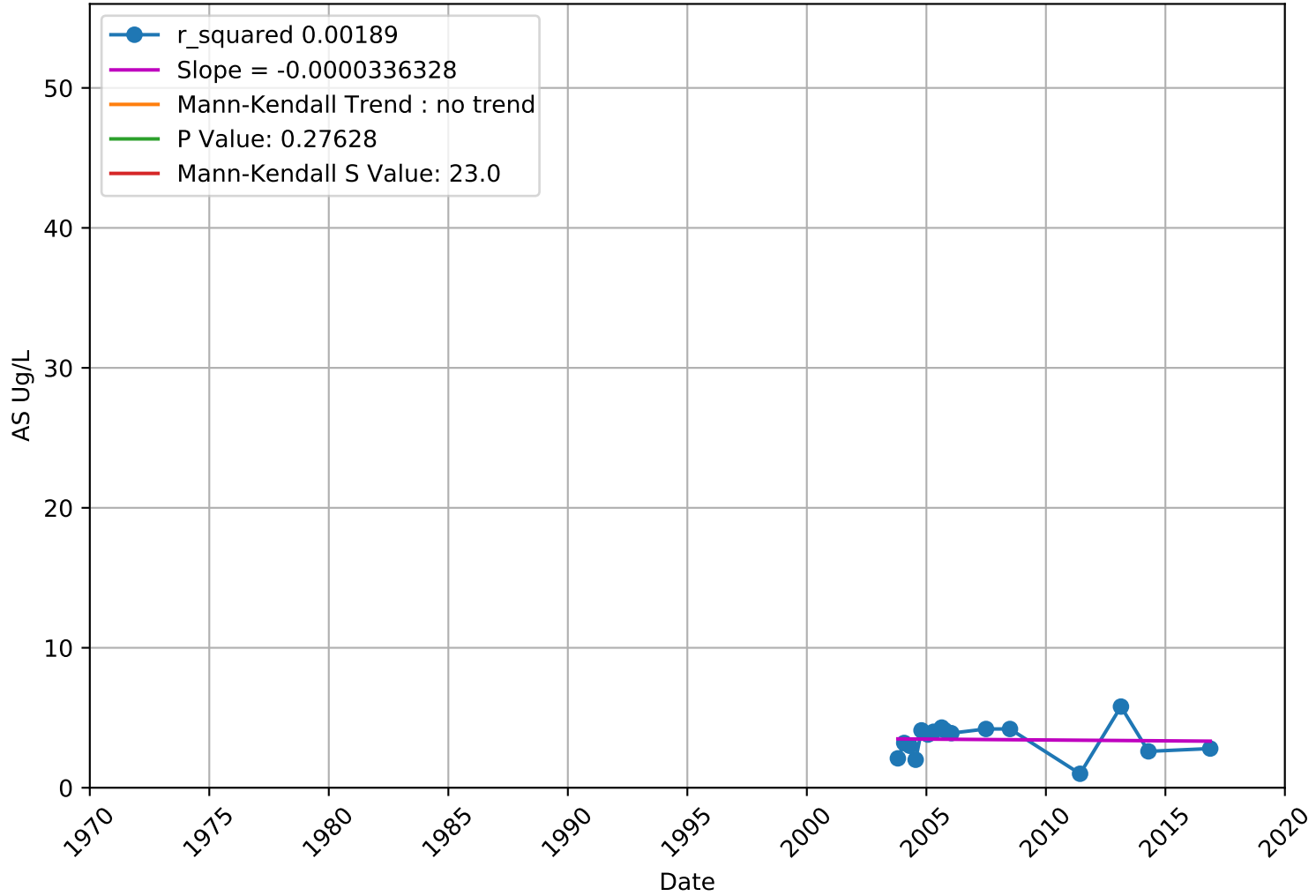
Arsenic

377031N1214485W003 - Lower Aquifer

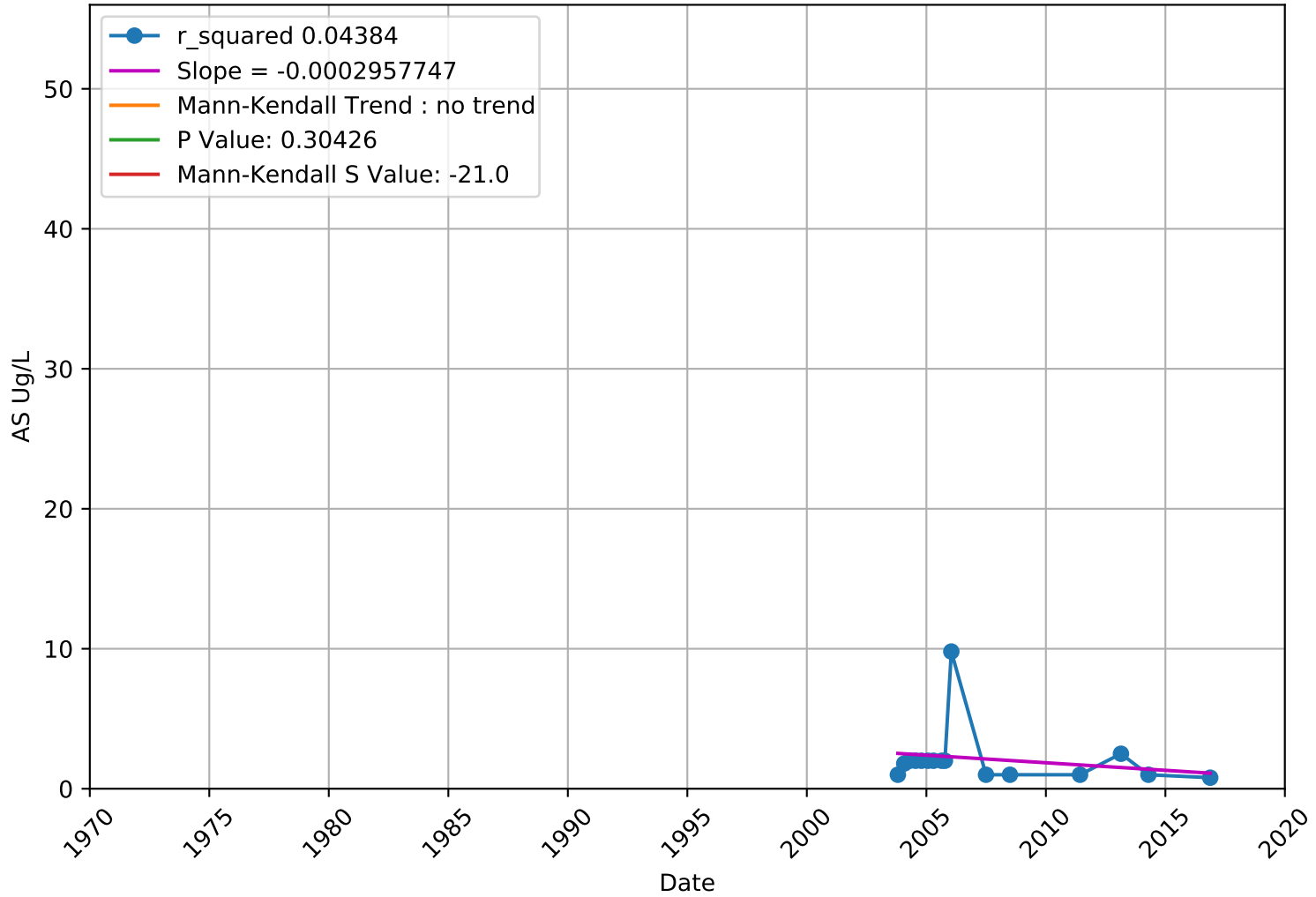


Arsenic

377143N1214459W001 - Lower Aquifer

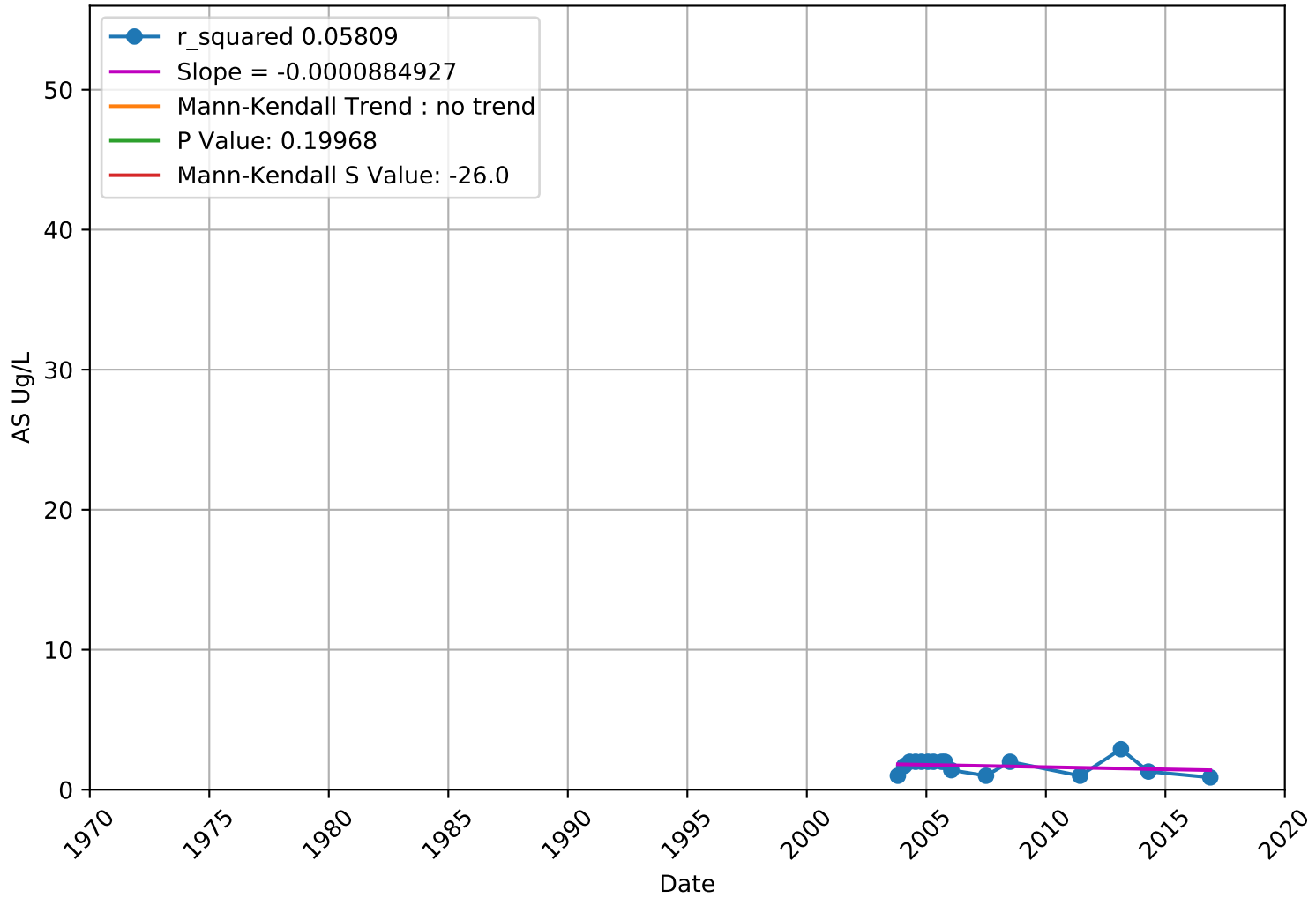


Arsenic 377143N1214459W002 - Lower Aquifer



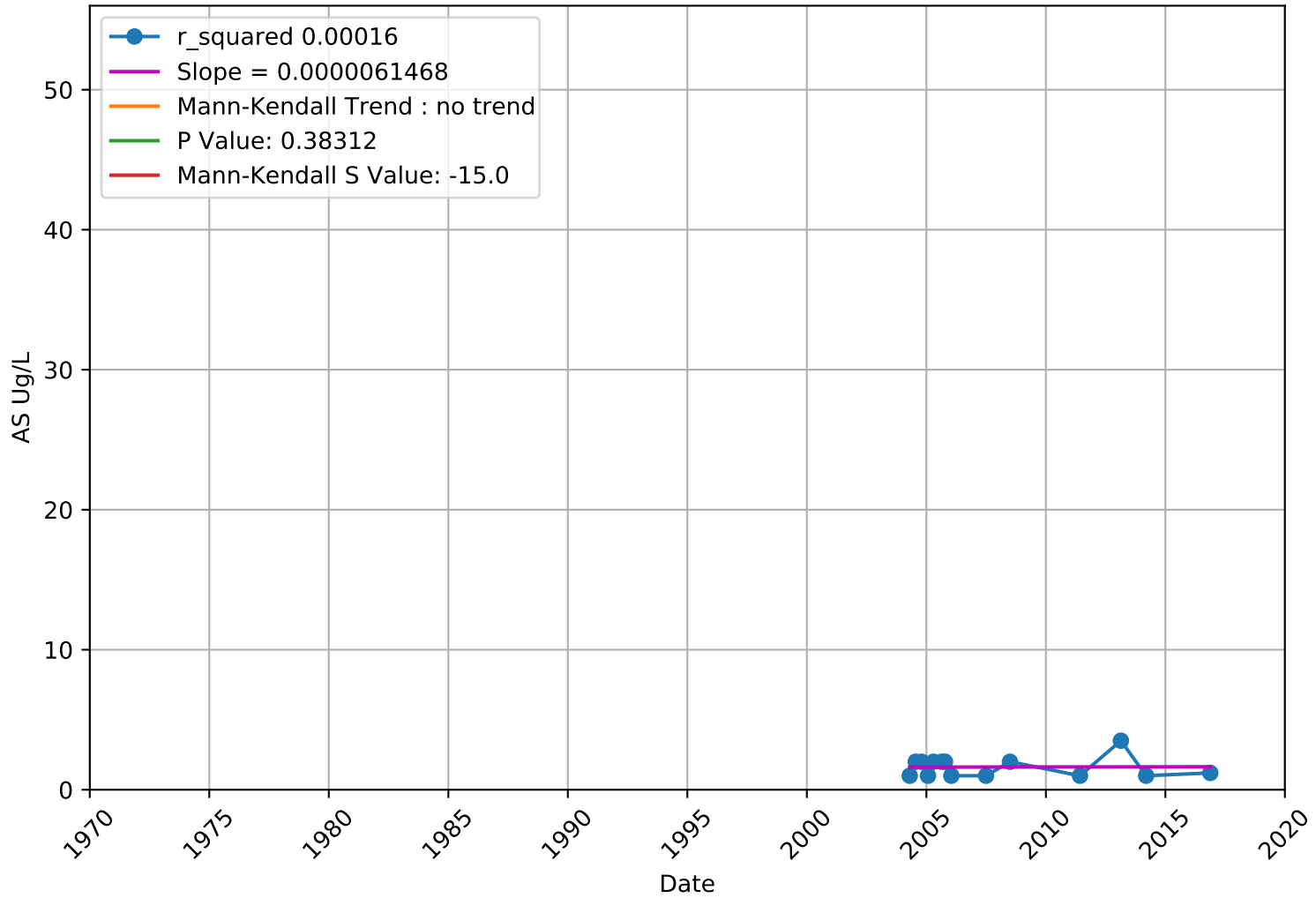
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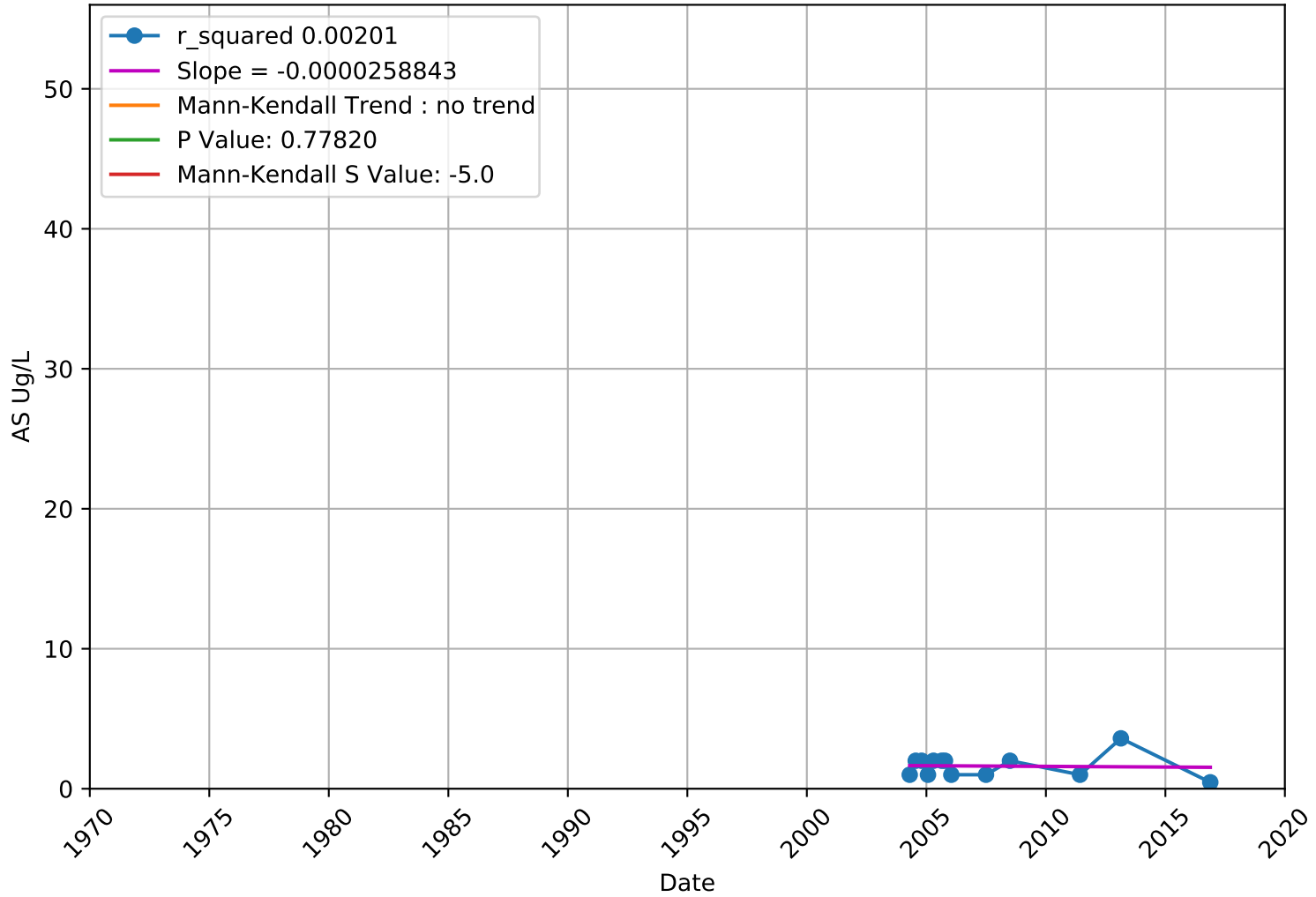
Arsenic

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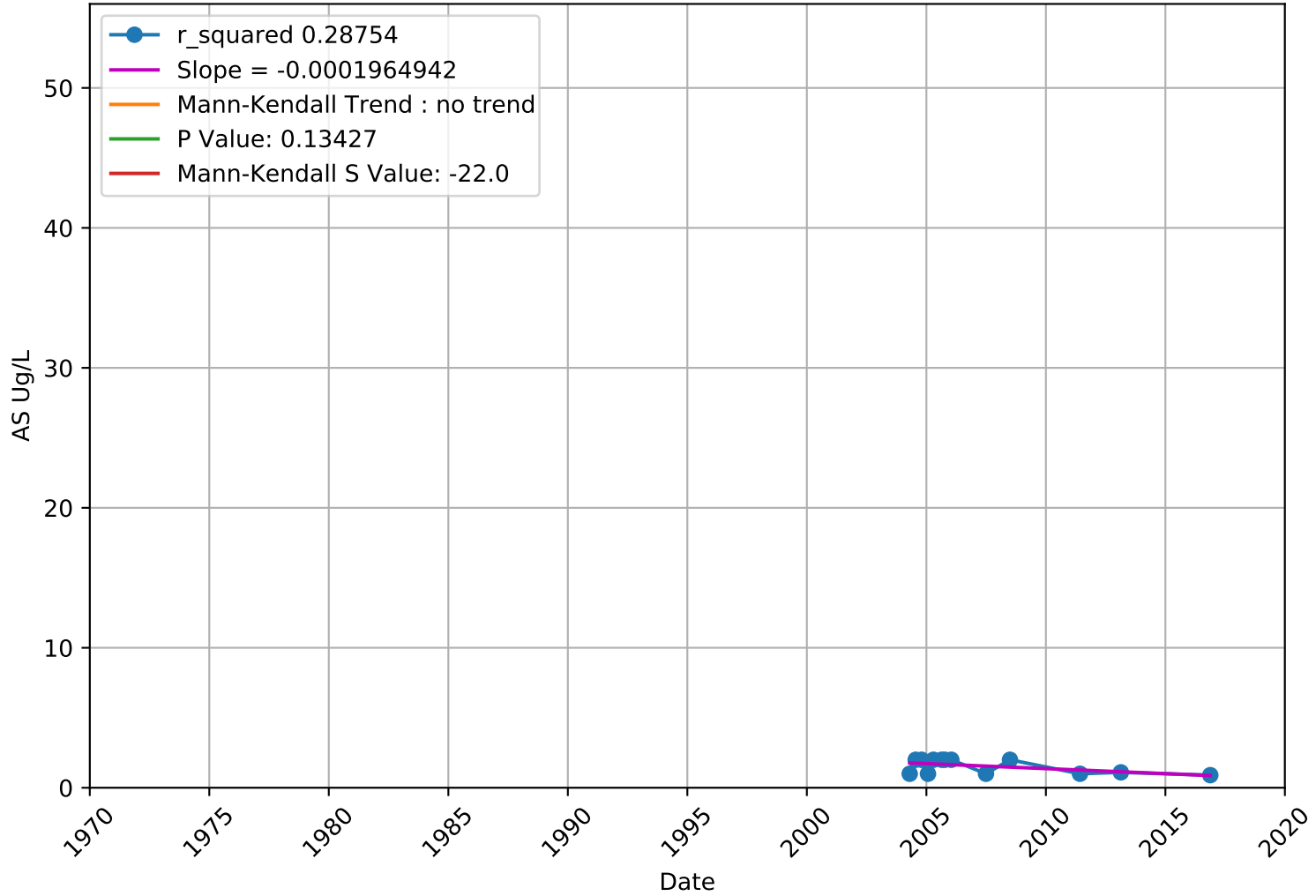
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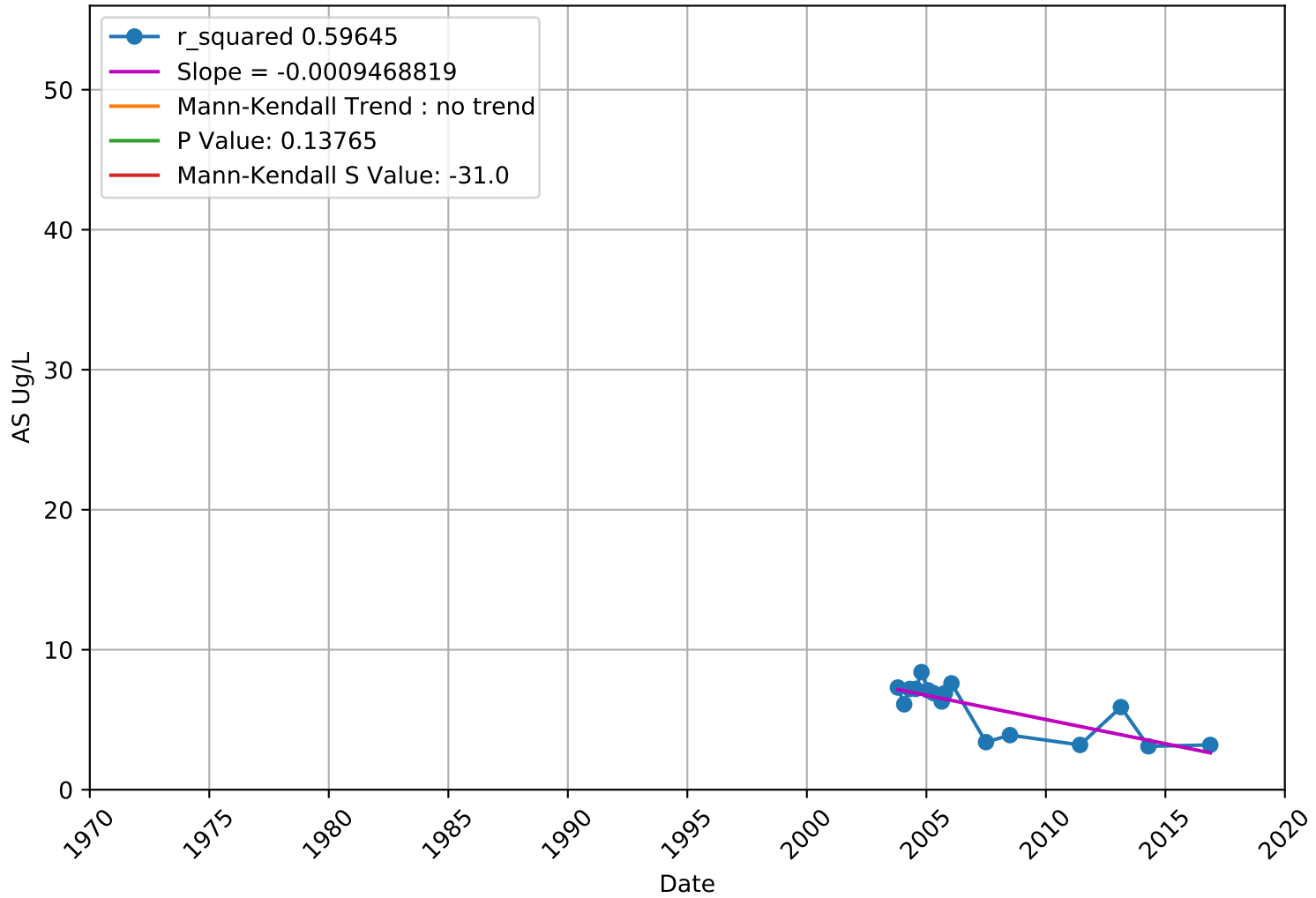


Arsenic

377149N1214257W003 - Lower Aquifer

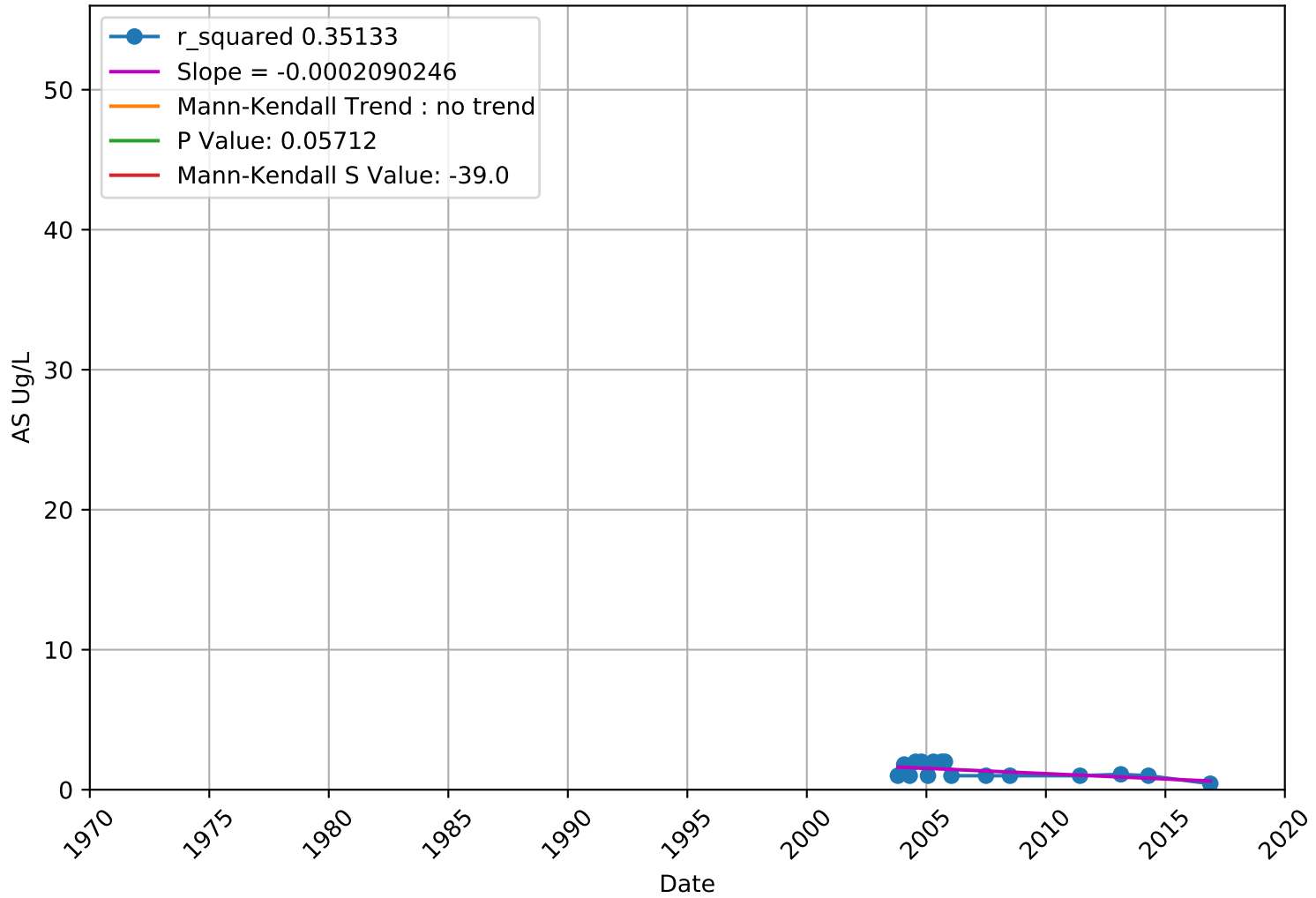


Arsenic 377402N1214508W001 - Lower Aquifer

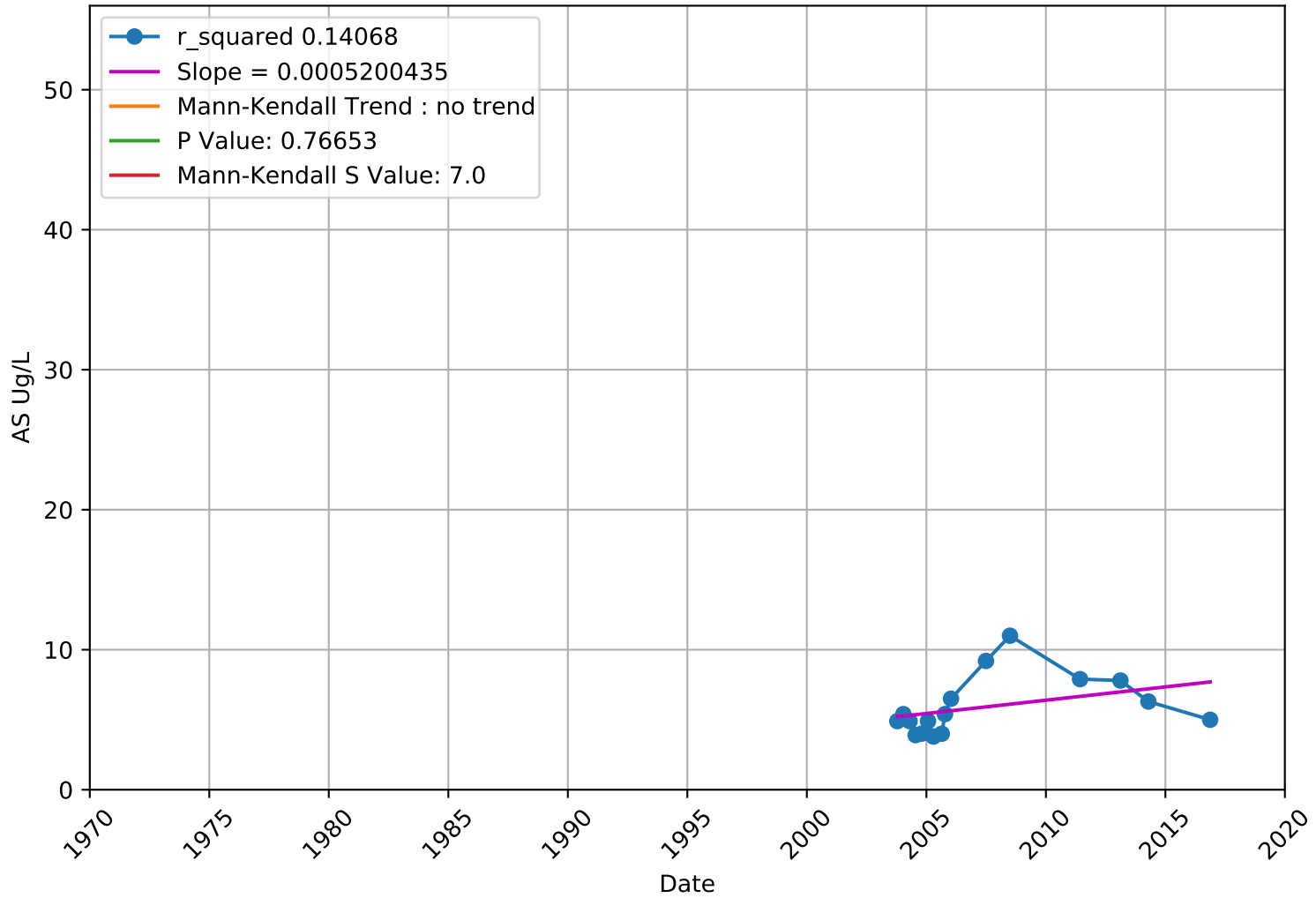


Arsenic

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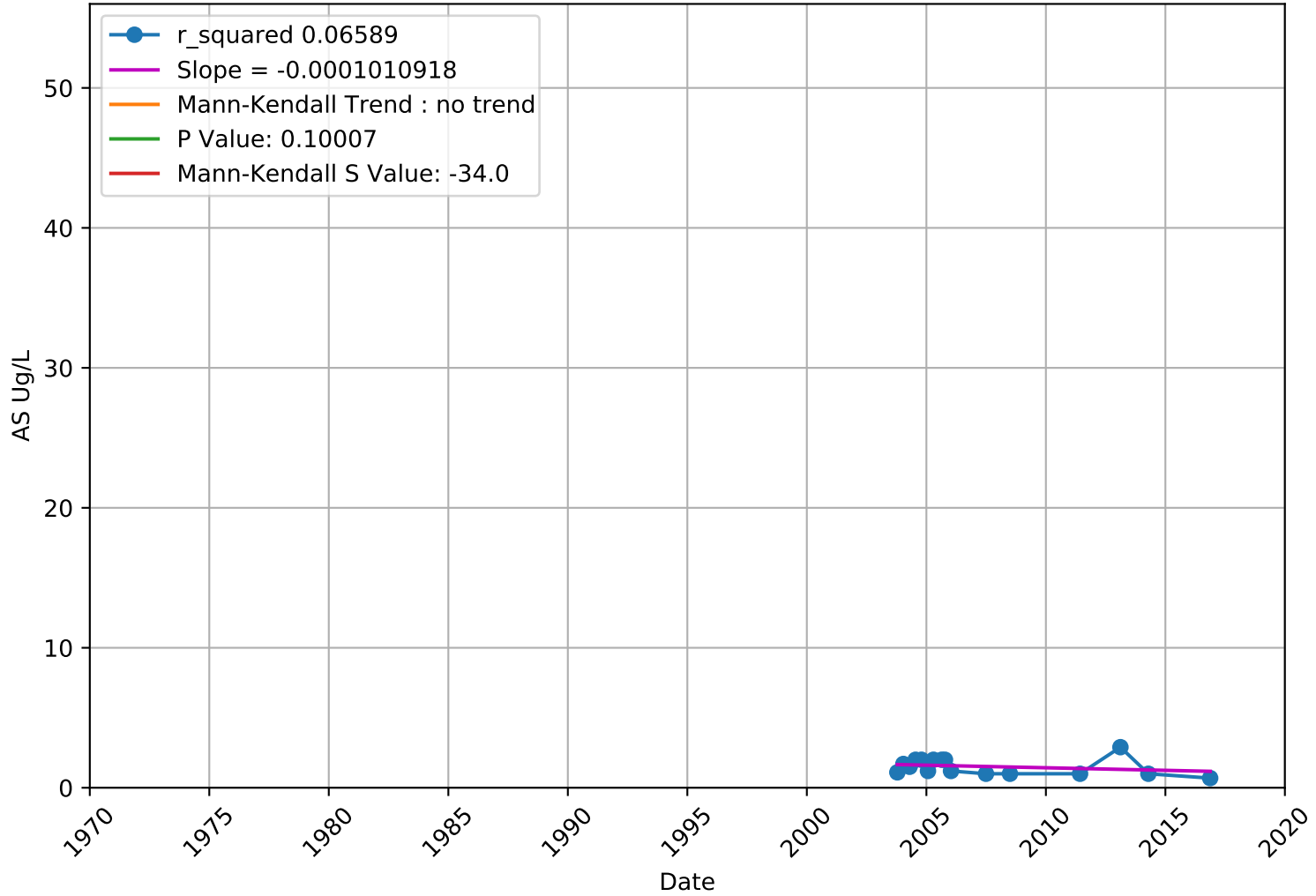


Arsenic 377427N1213943W001 - Lower Aquifer



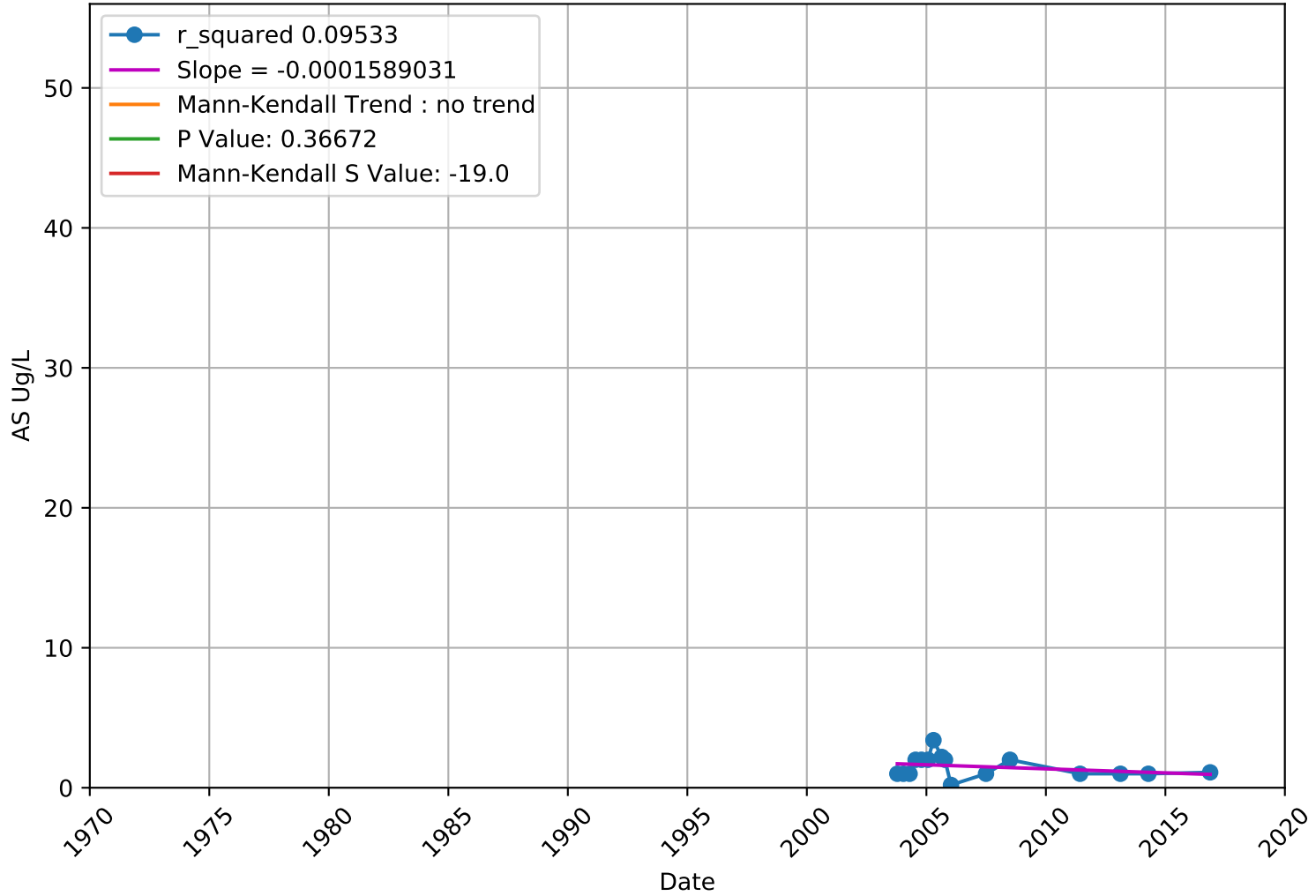
Arsenic

377427N1213943W002 - Lower Aquifer



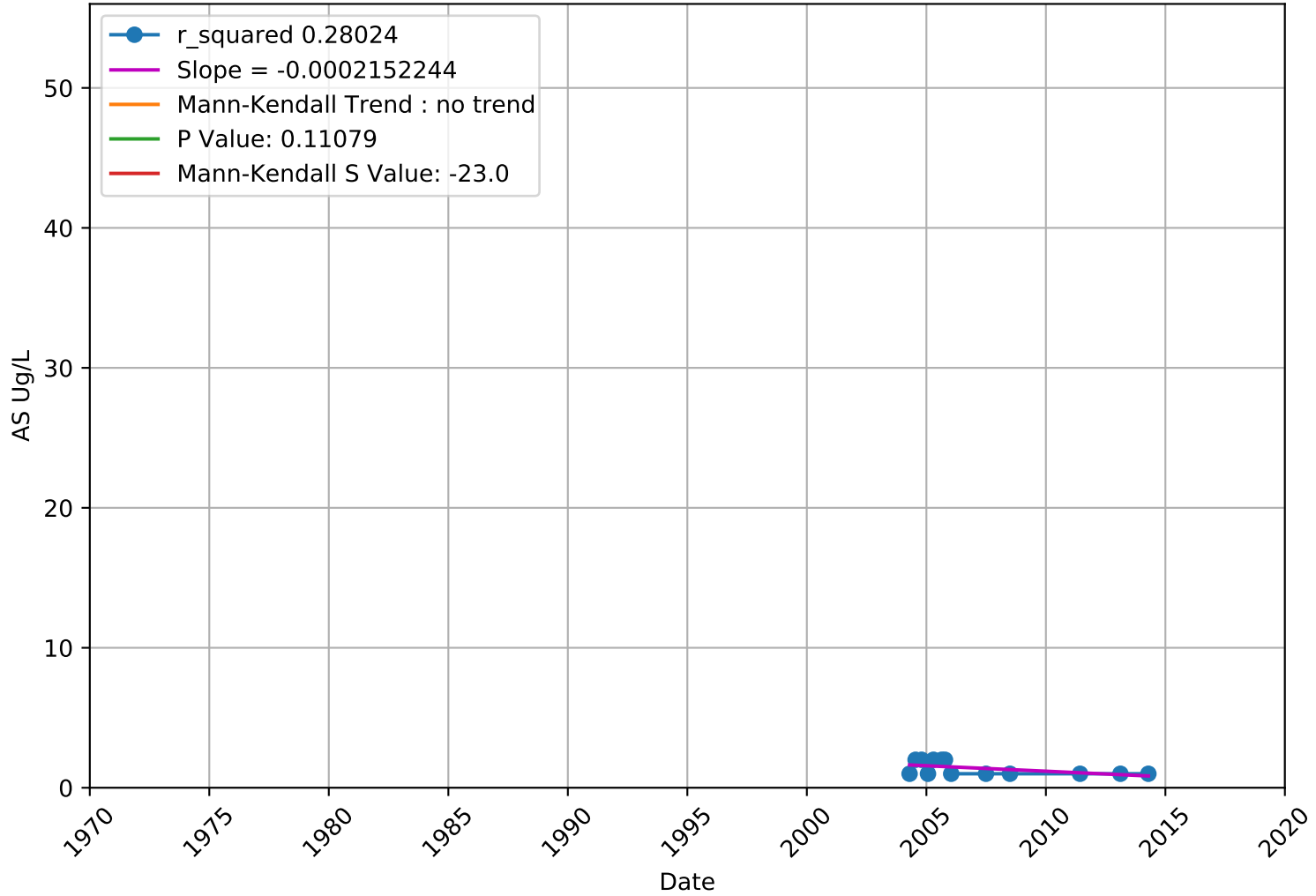
Arsenic

377427N1213943W003 - Lower Aquifer



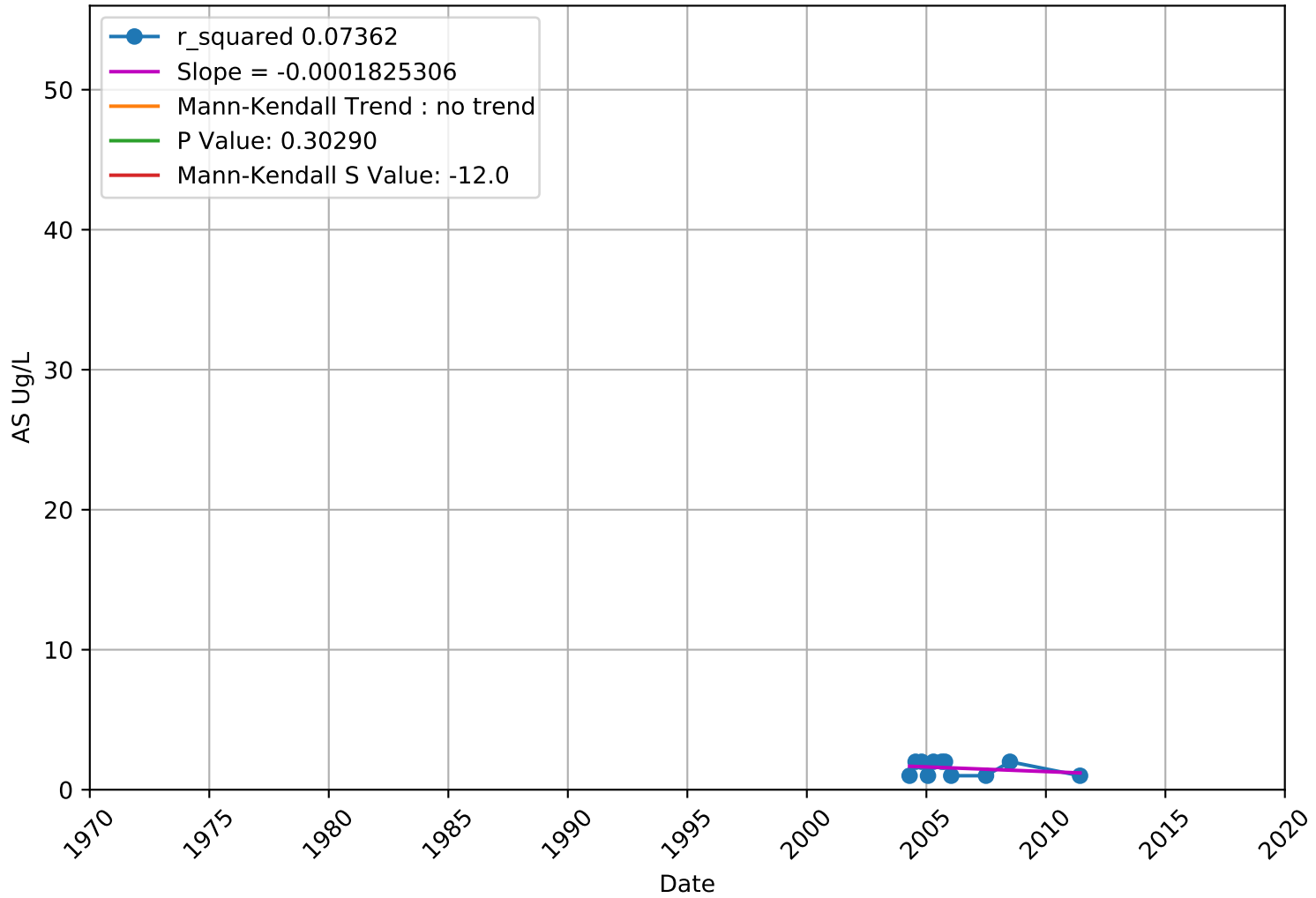
Arsenic

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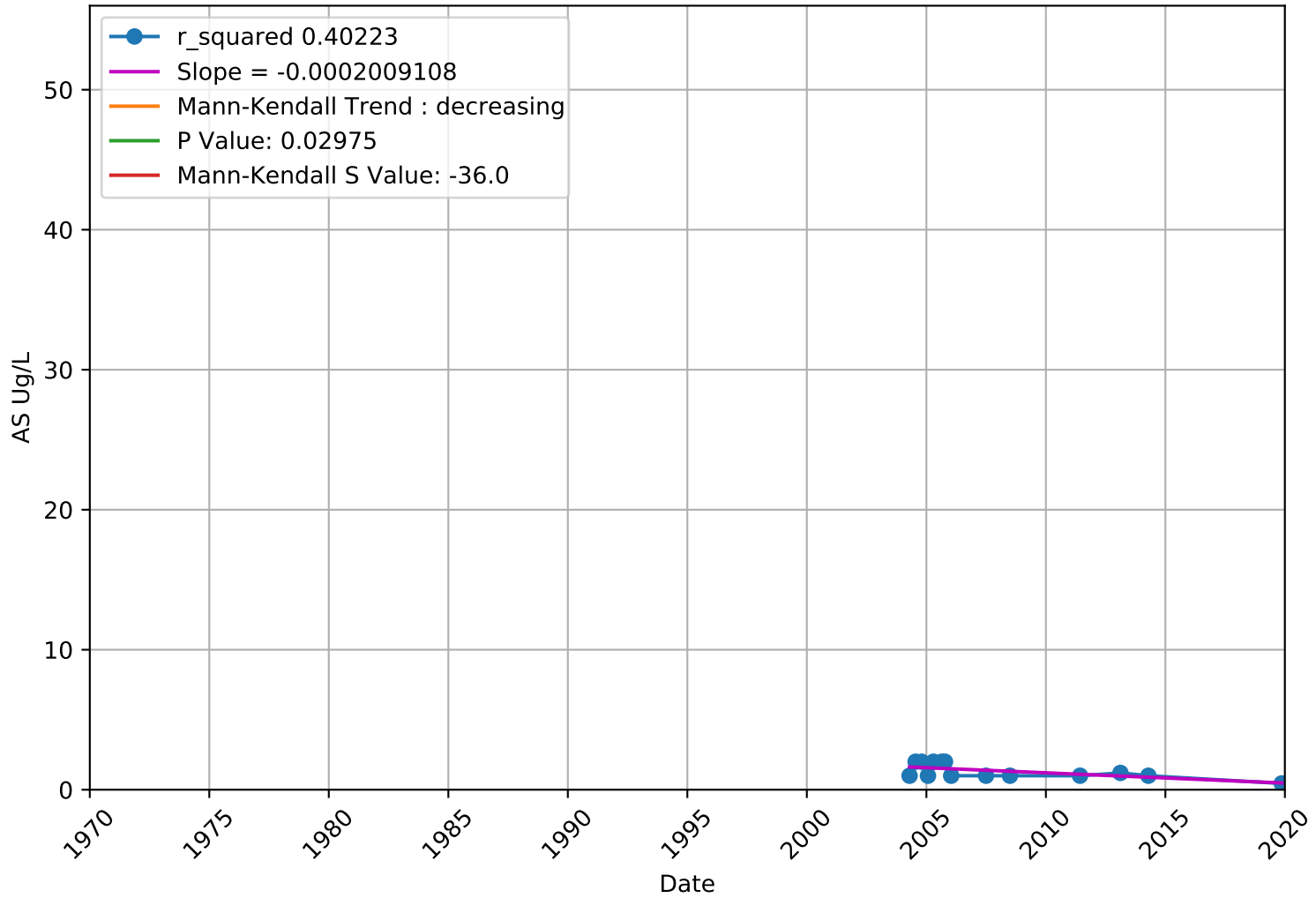
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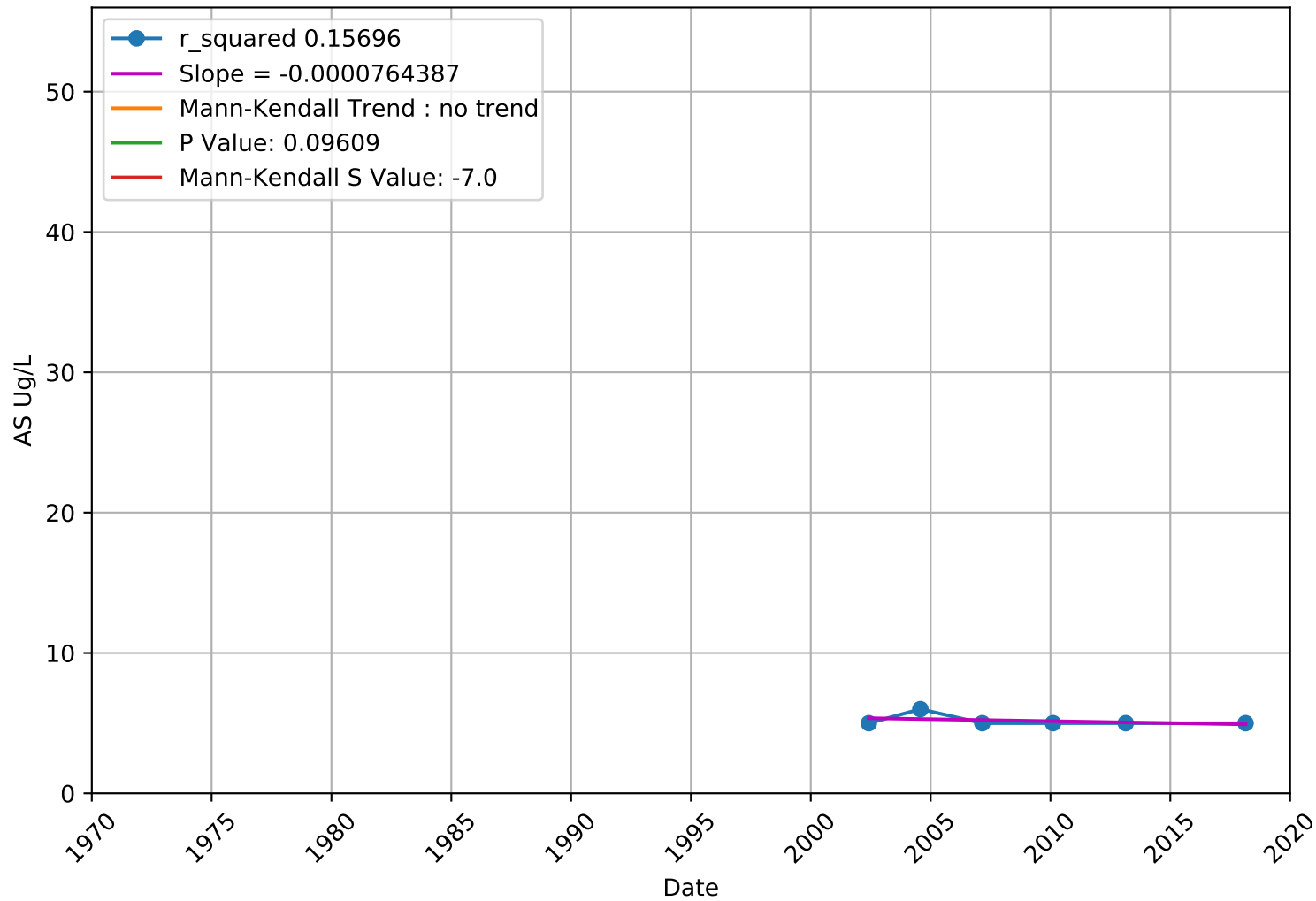
Arsenic

377656N1214199W003 - Lower Aquifer



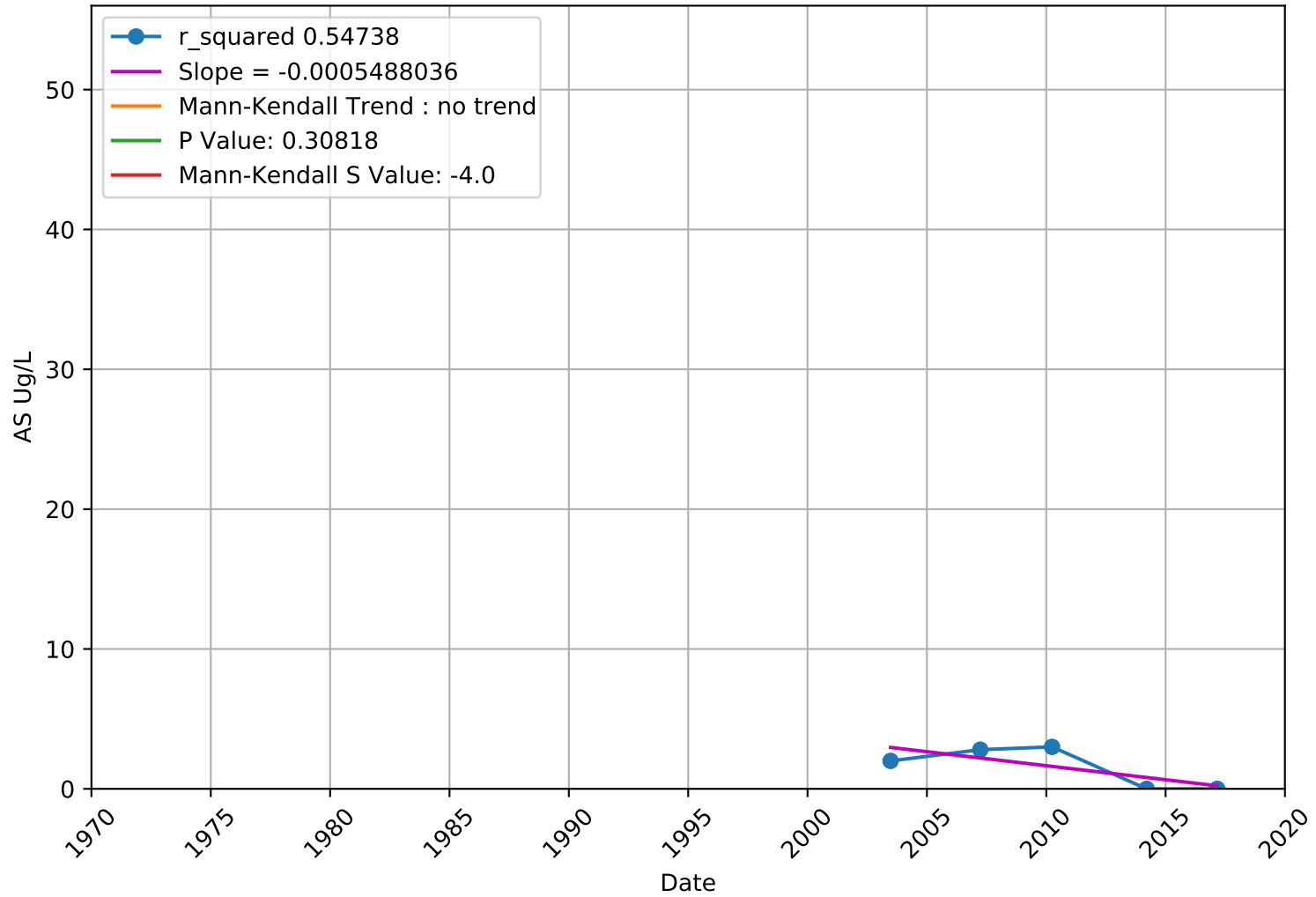
Arsenic

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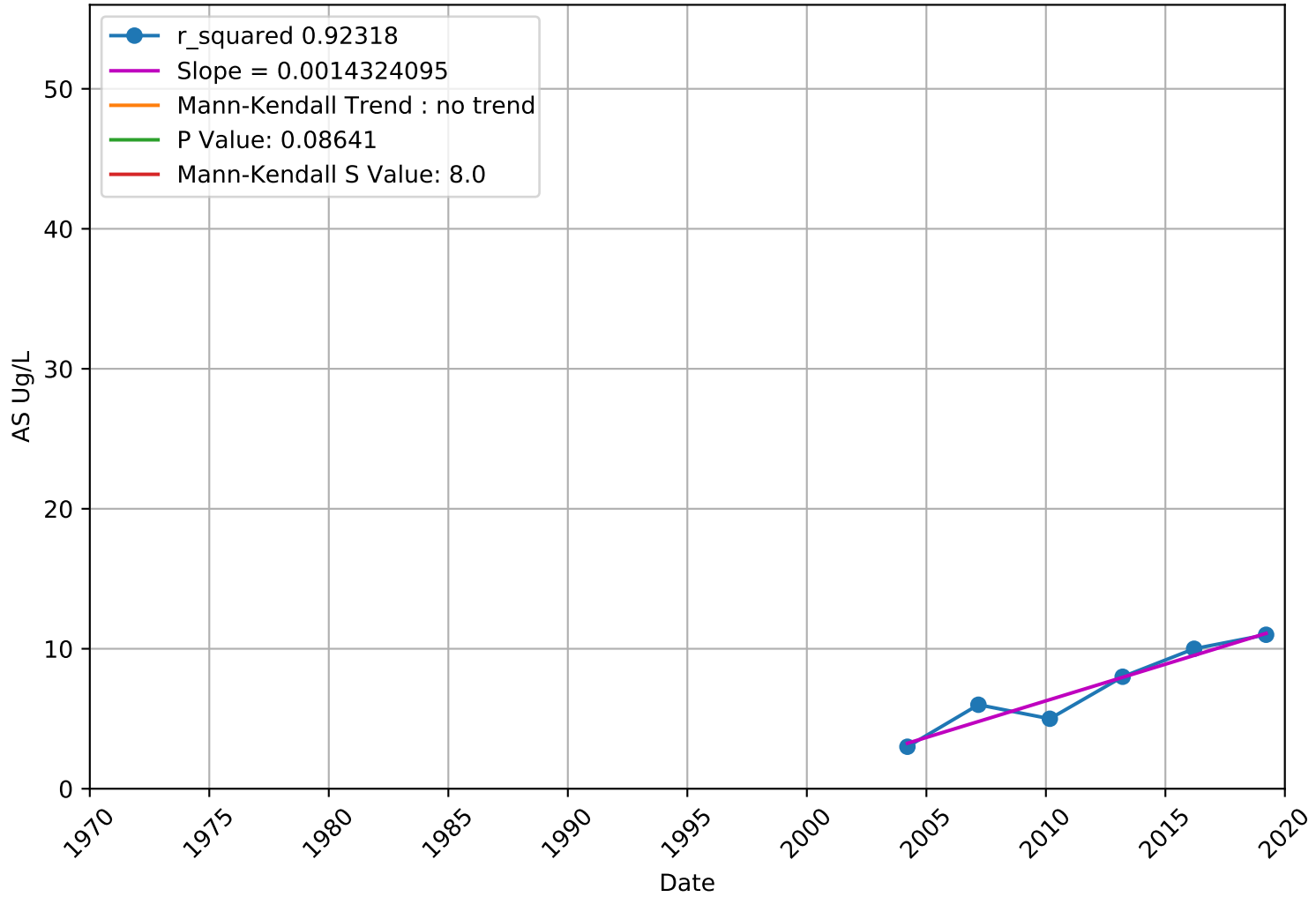
Arsenic

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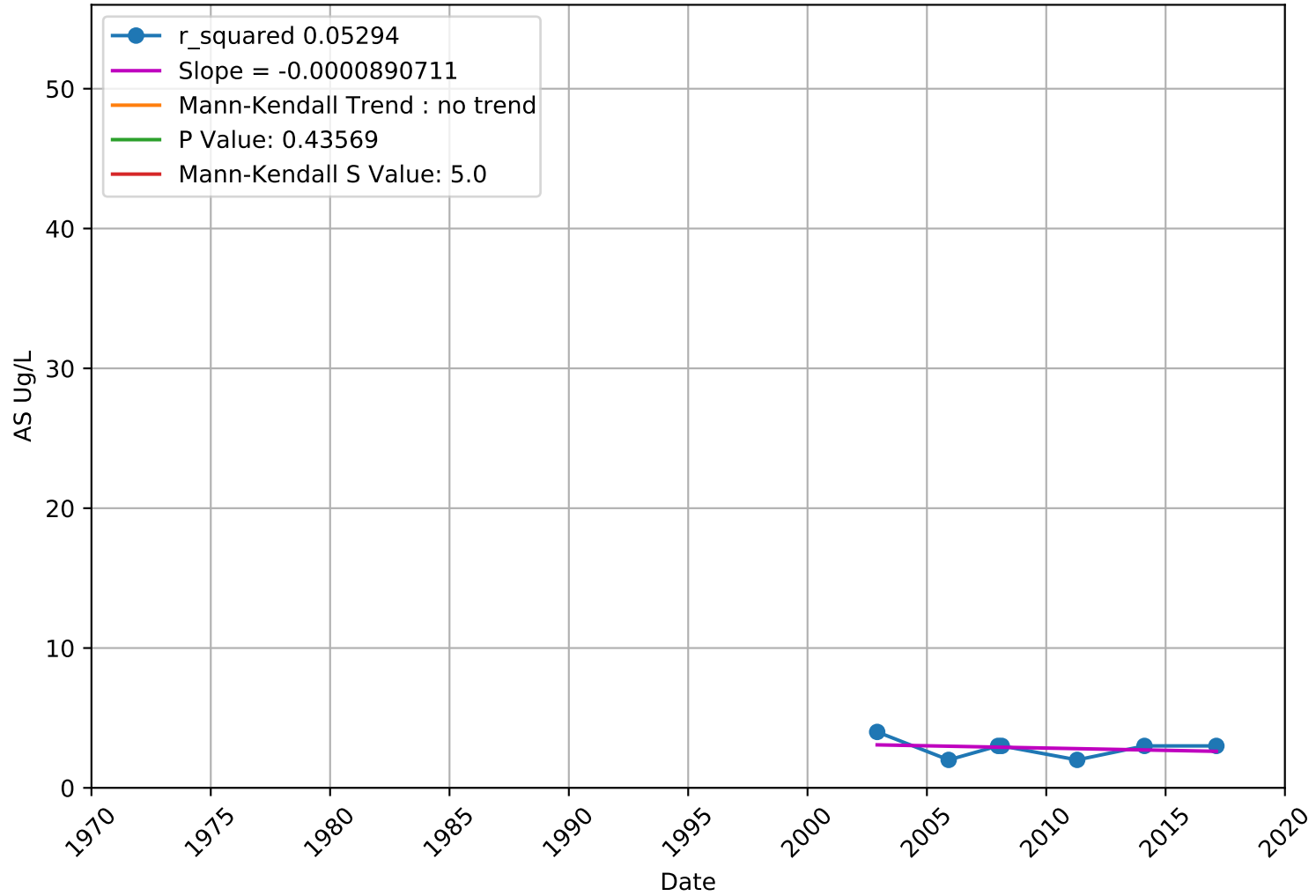
Arsenic

3900583-001 - Unknown Aquifer



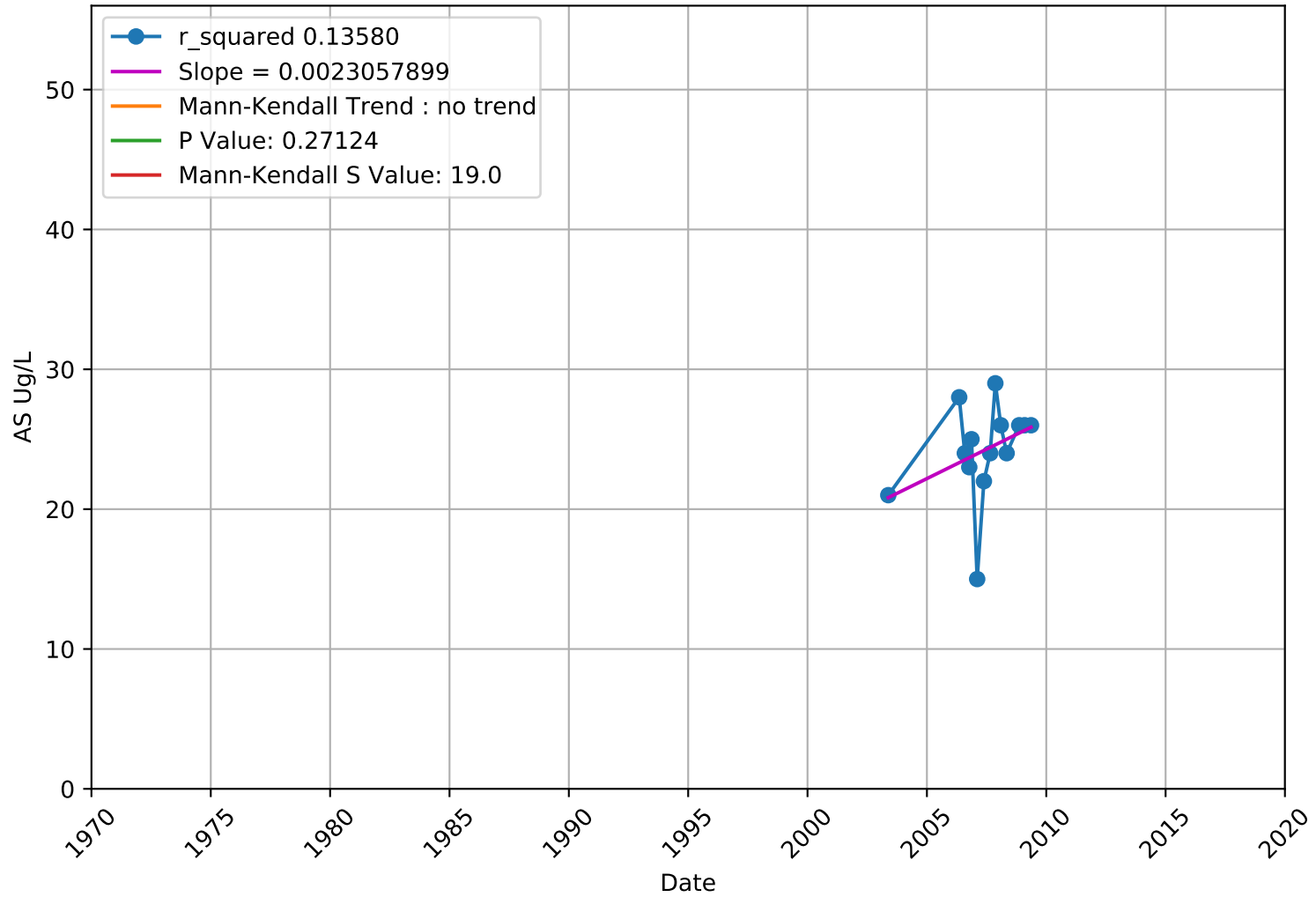
Arsenic

3900702-001 - Unknown Aquifer



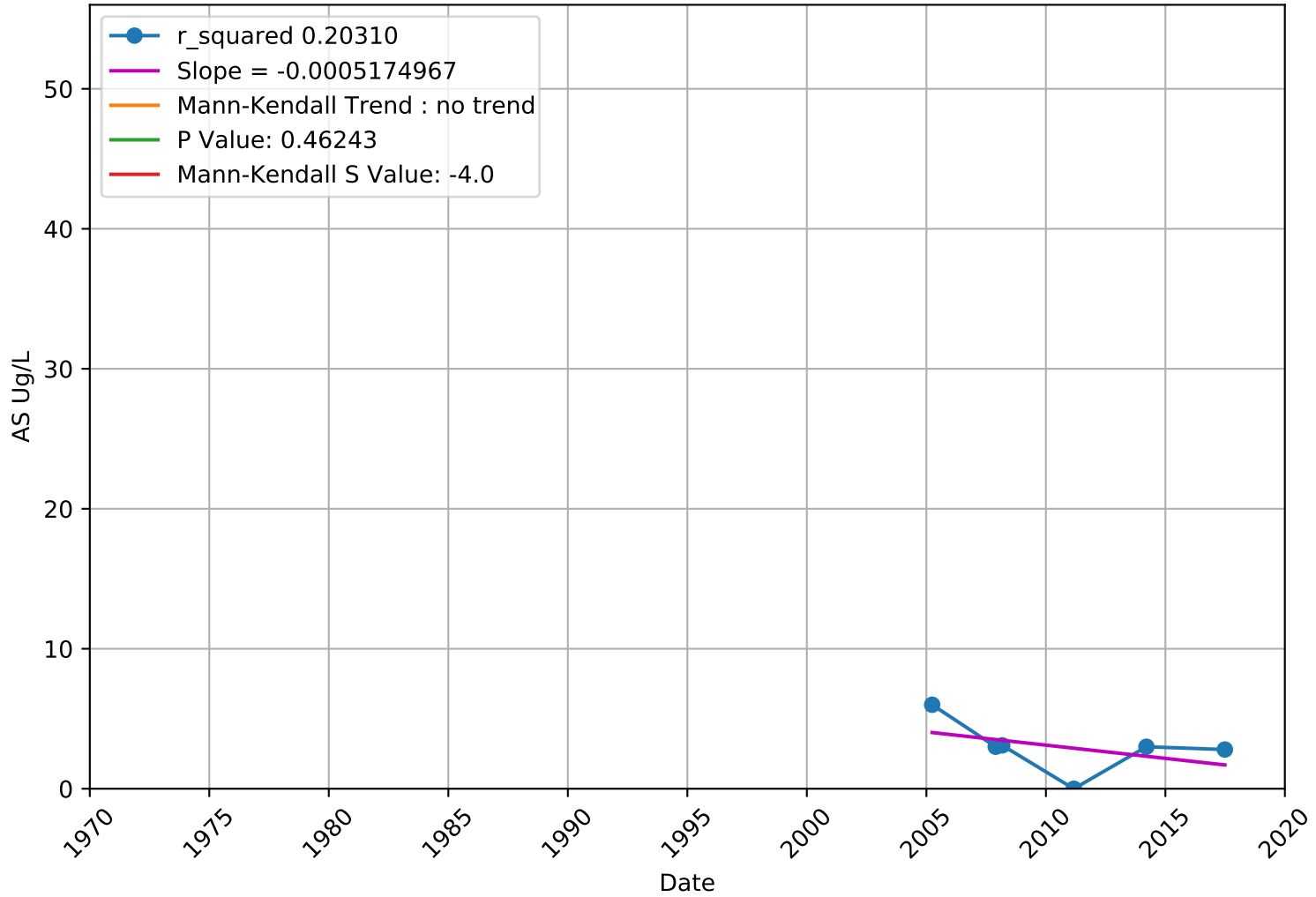
Arsenic

3900713-001 - Unknown Aquifer



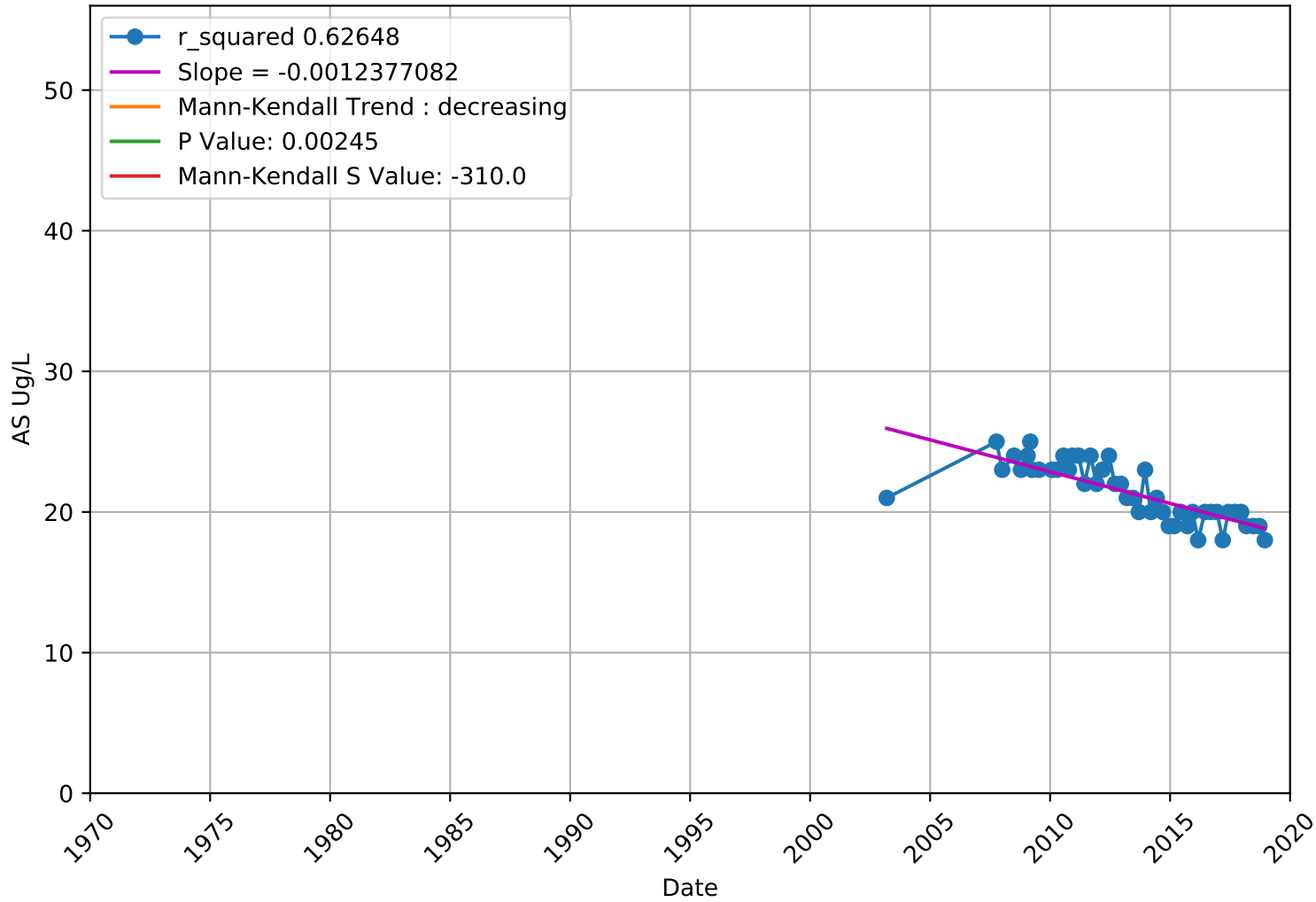
Arsenic

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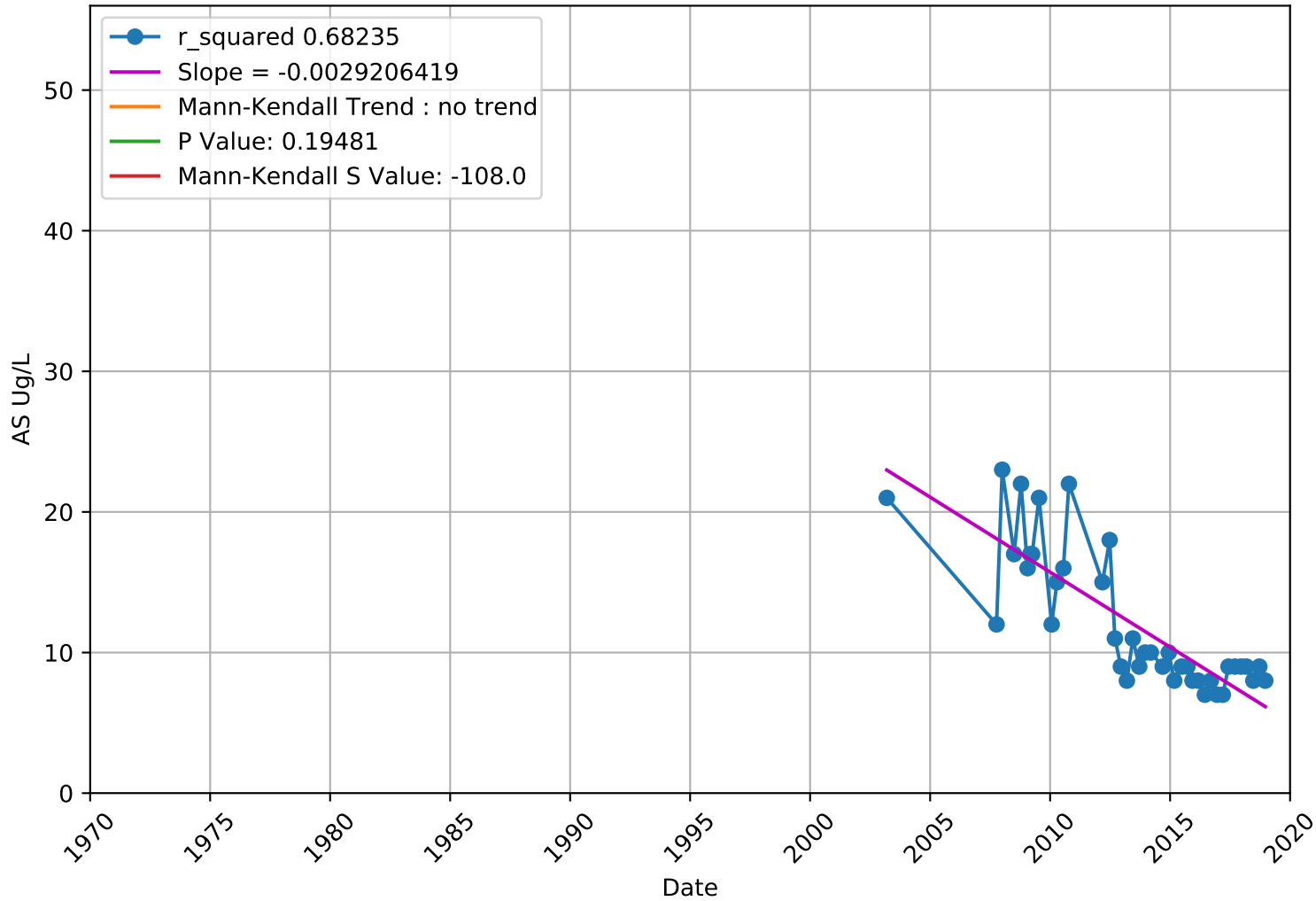
Arsenic

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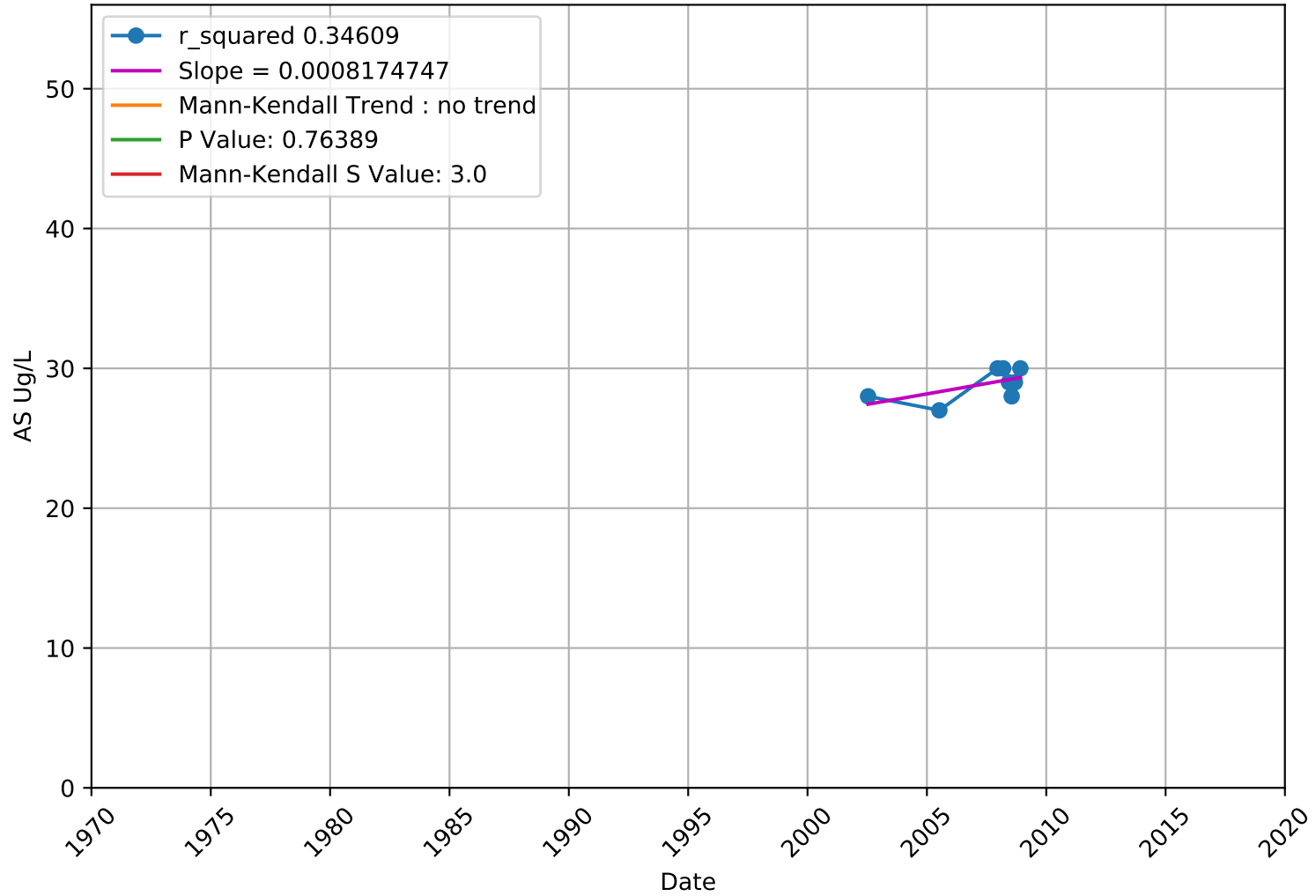
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3900810-002 - Unknown Aquifer



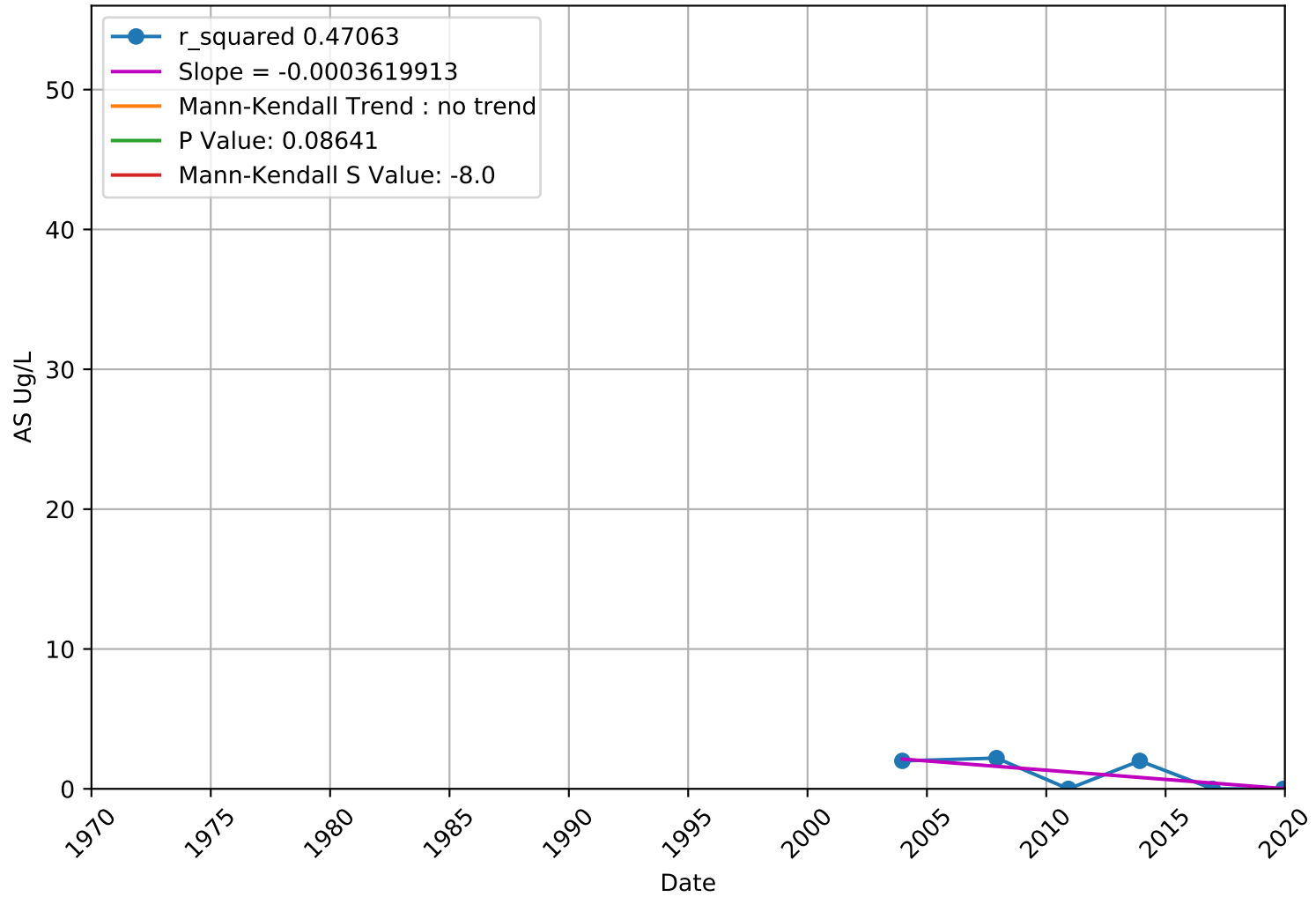
Arsenic

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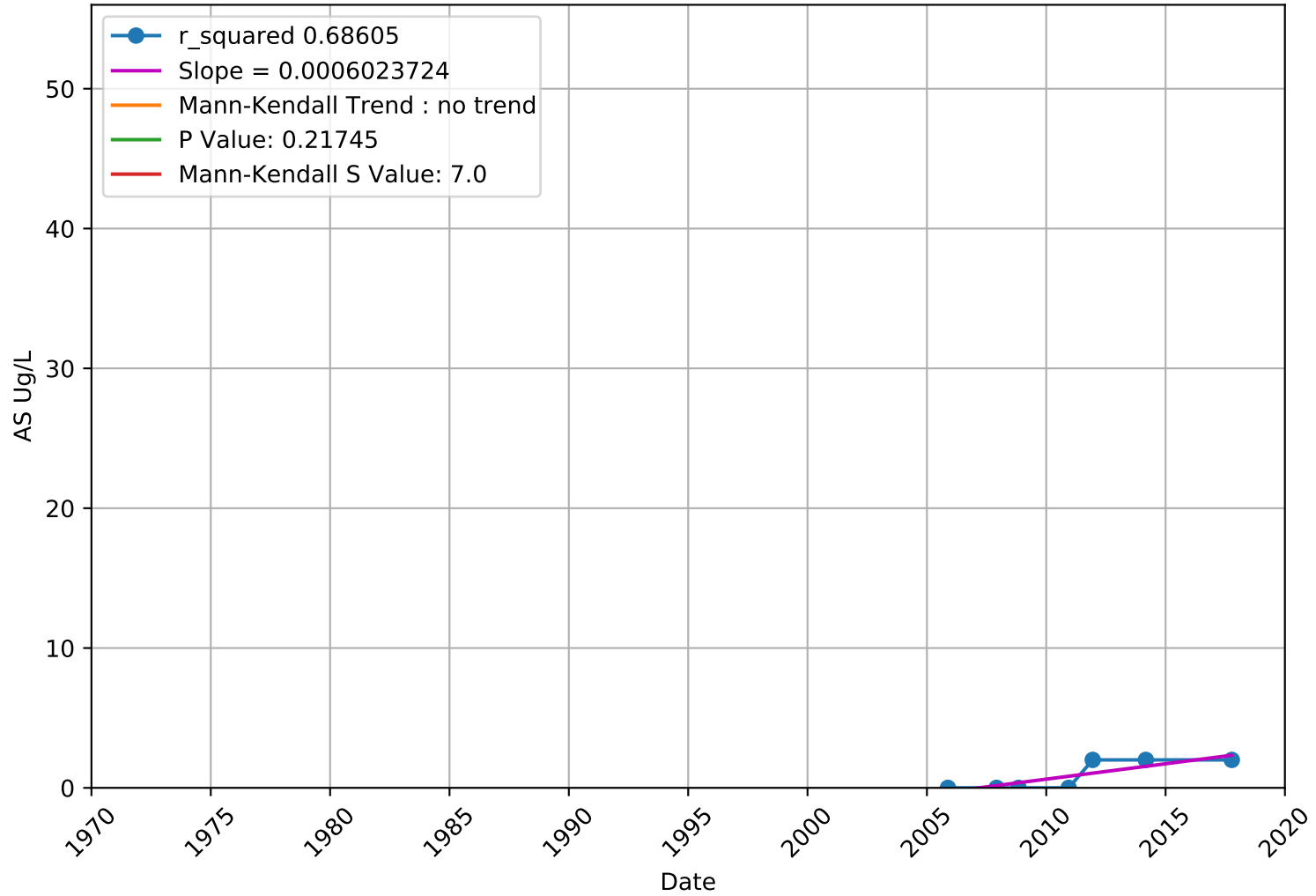
Arsenic

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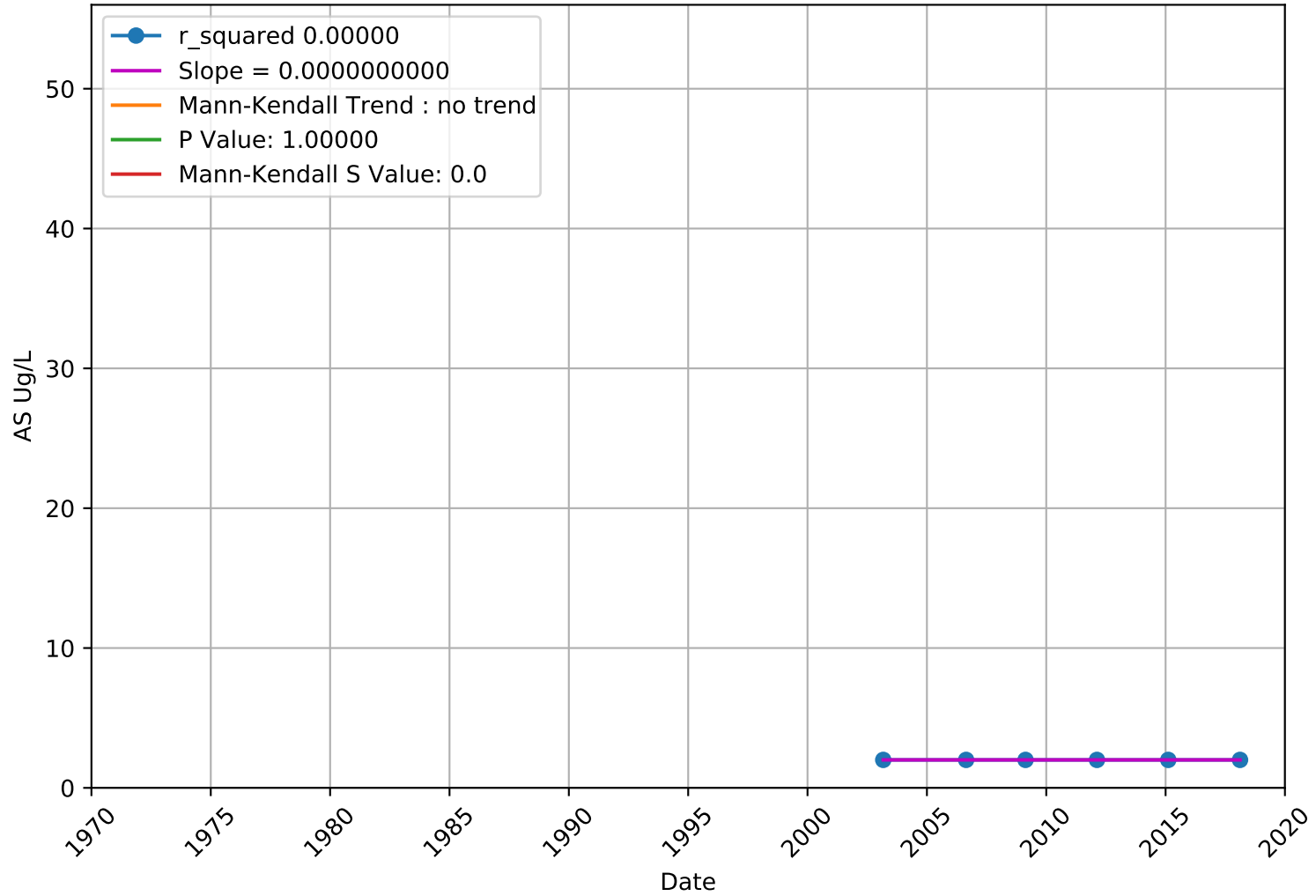
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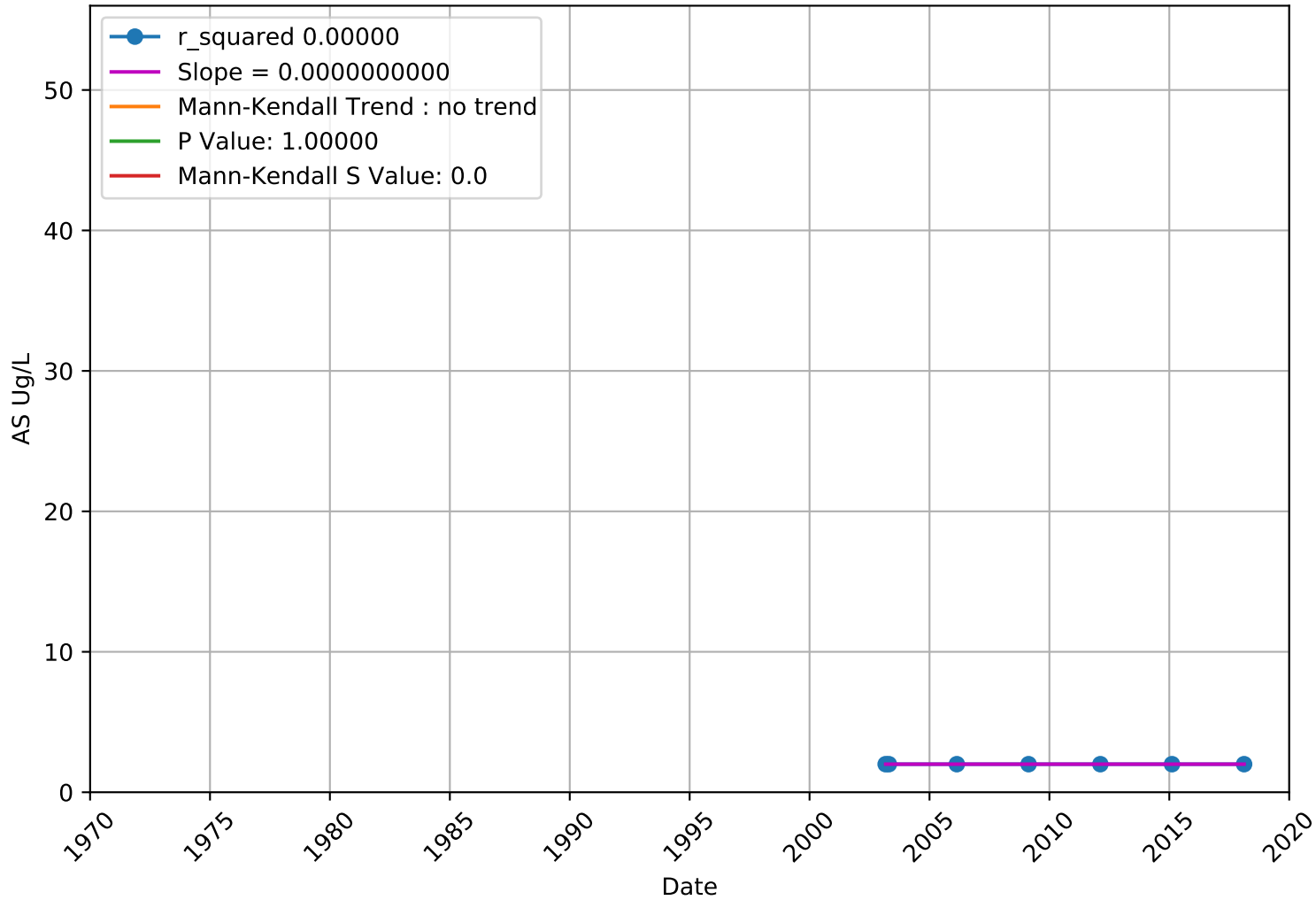
Arsenic

3901172-002 - Unknown Aquifer



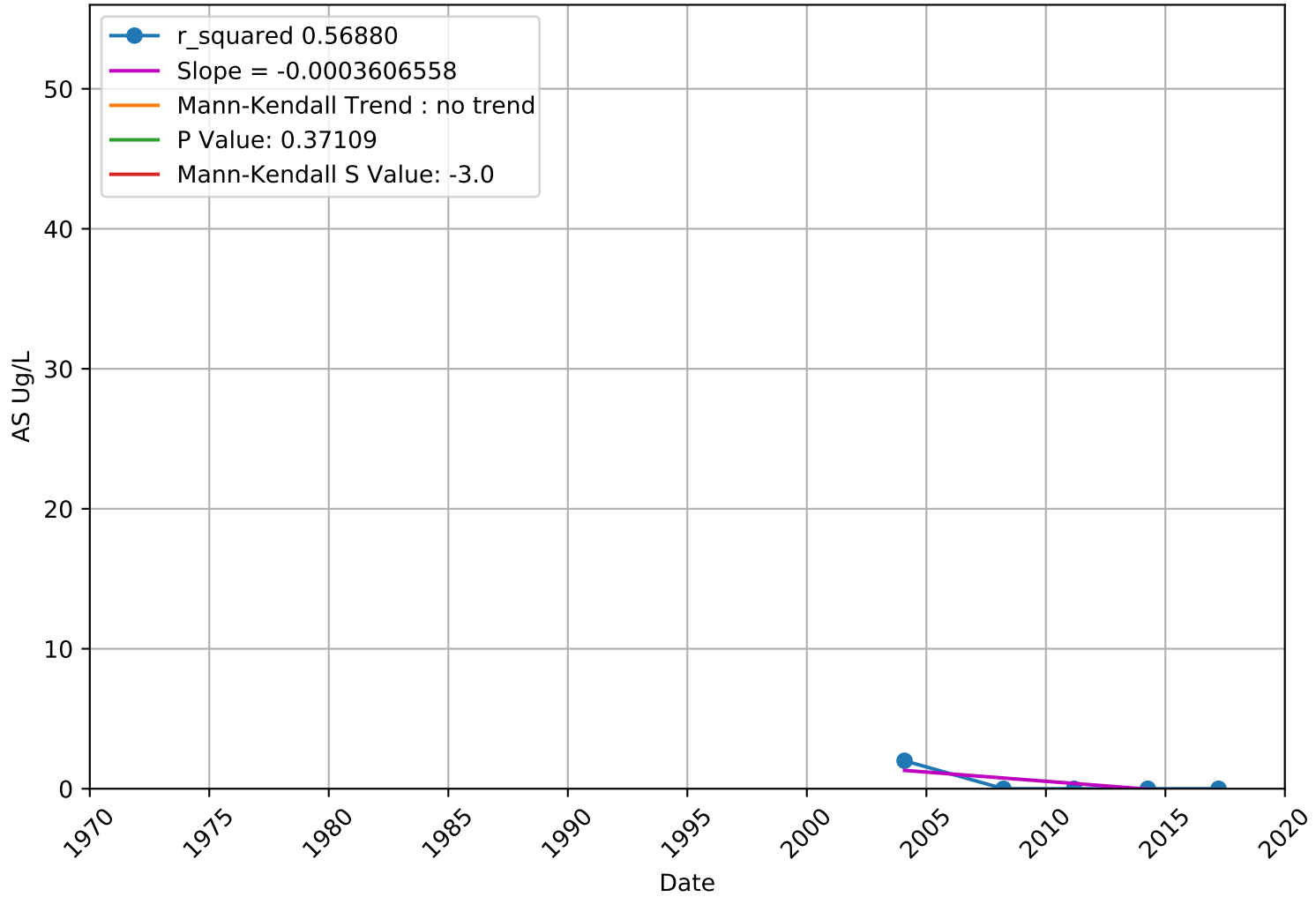
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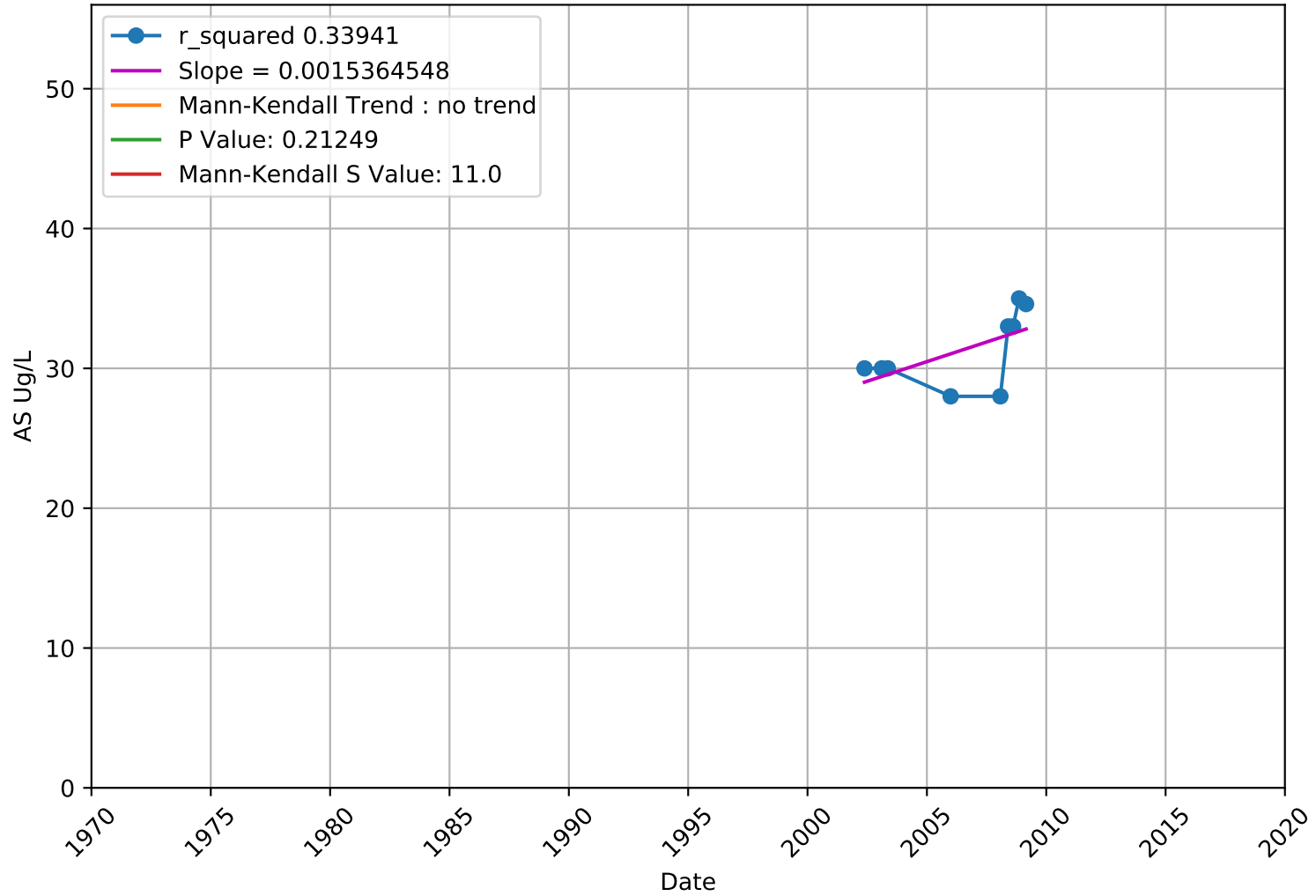
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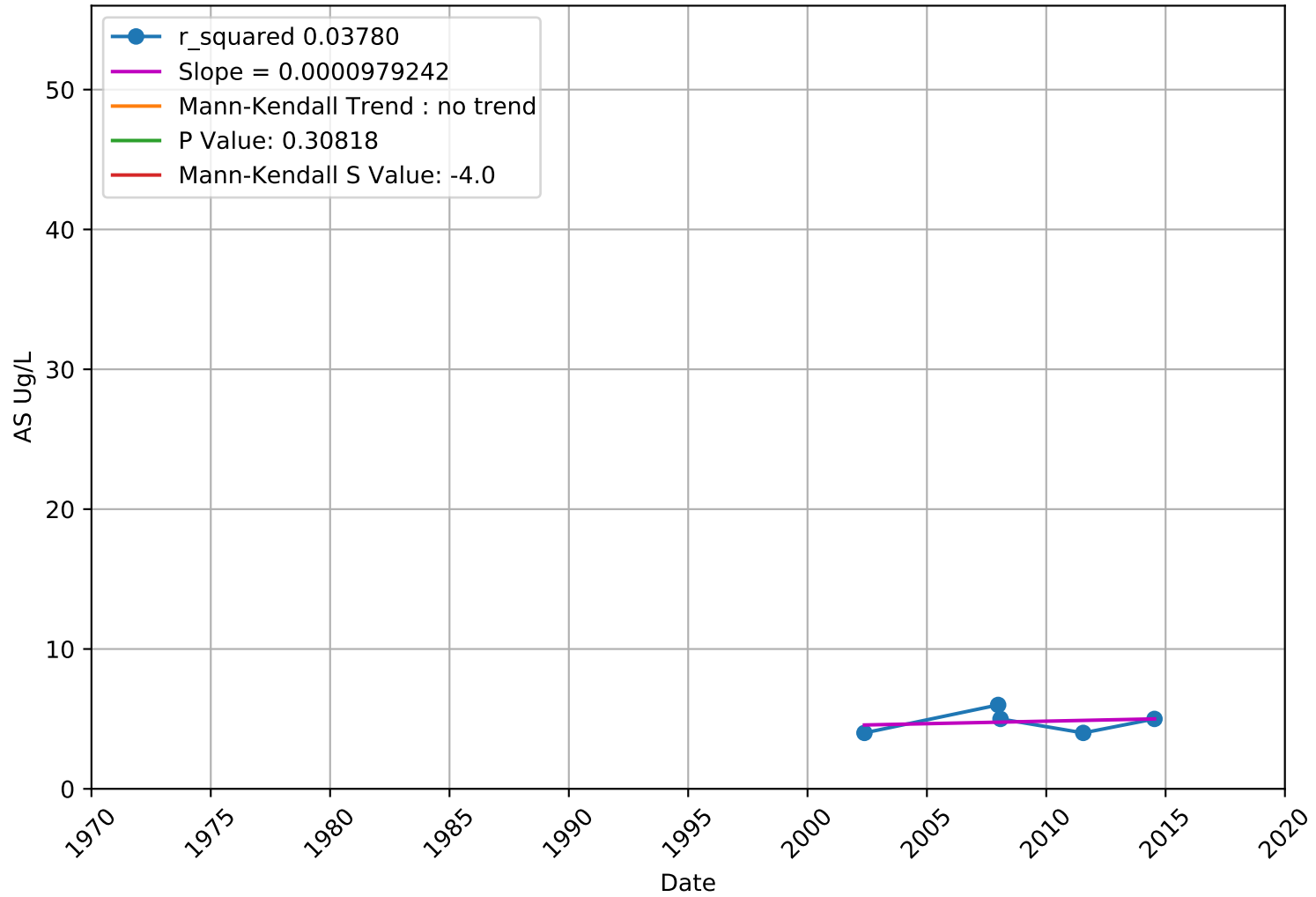
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3901204-001 - Unknown Aquifer



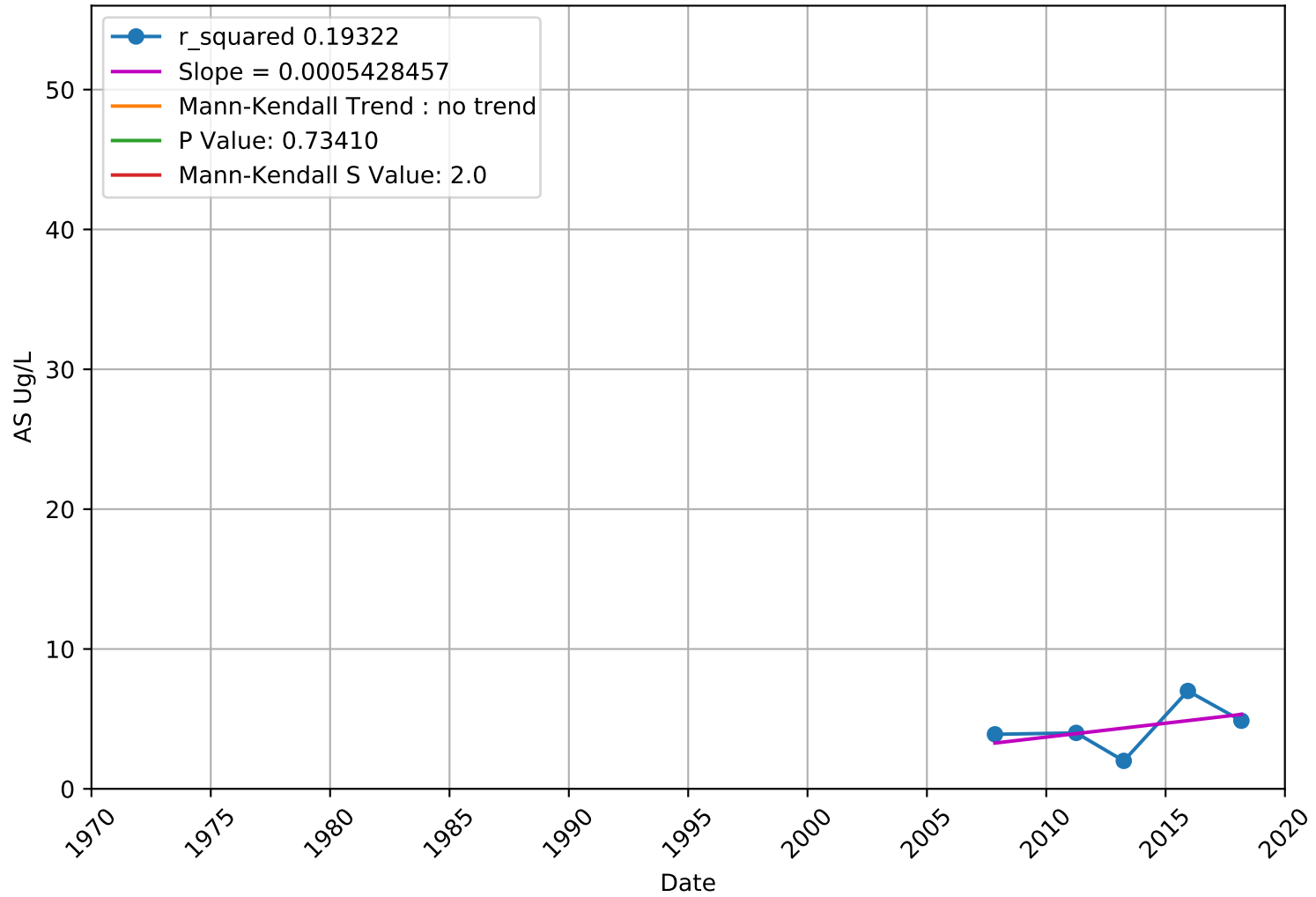
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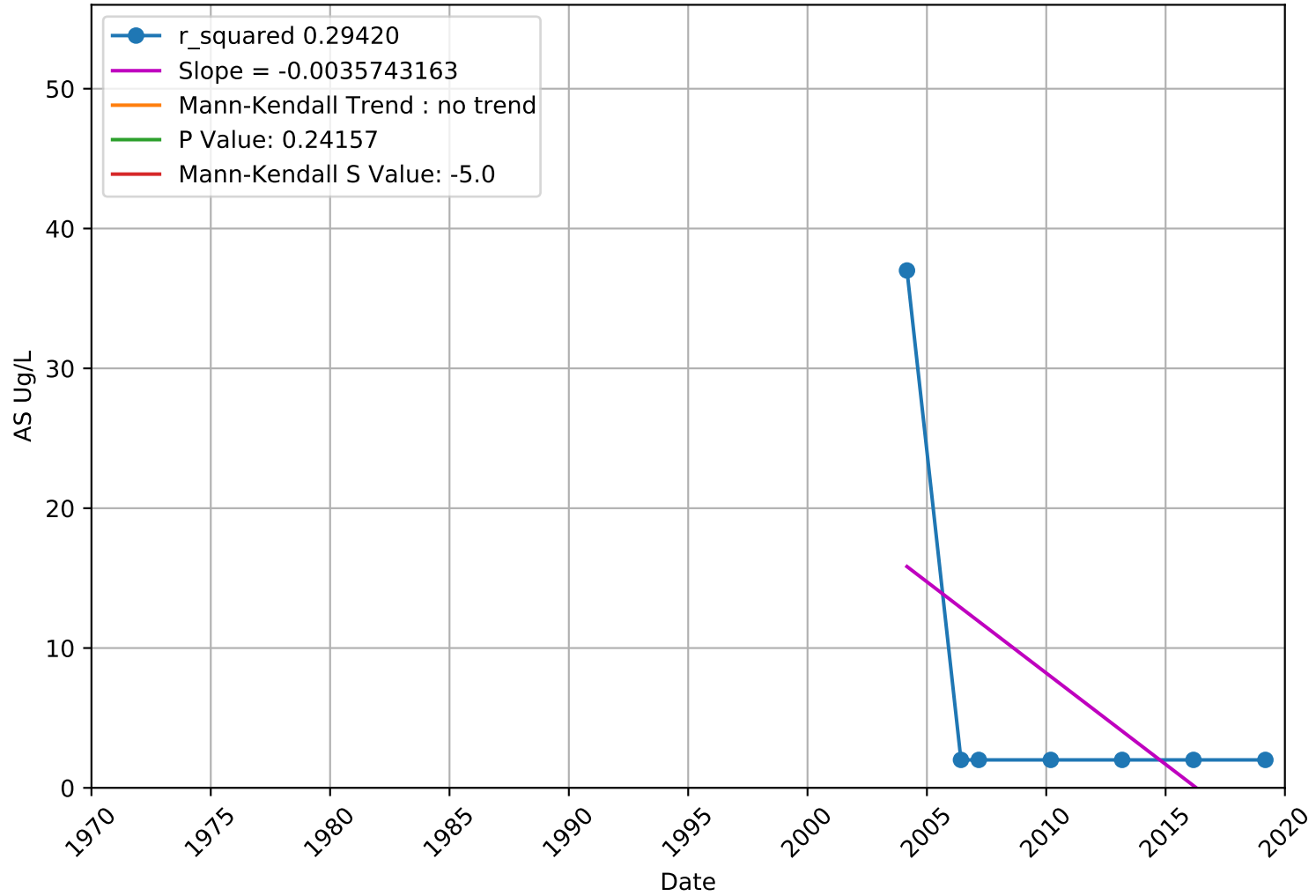
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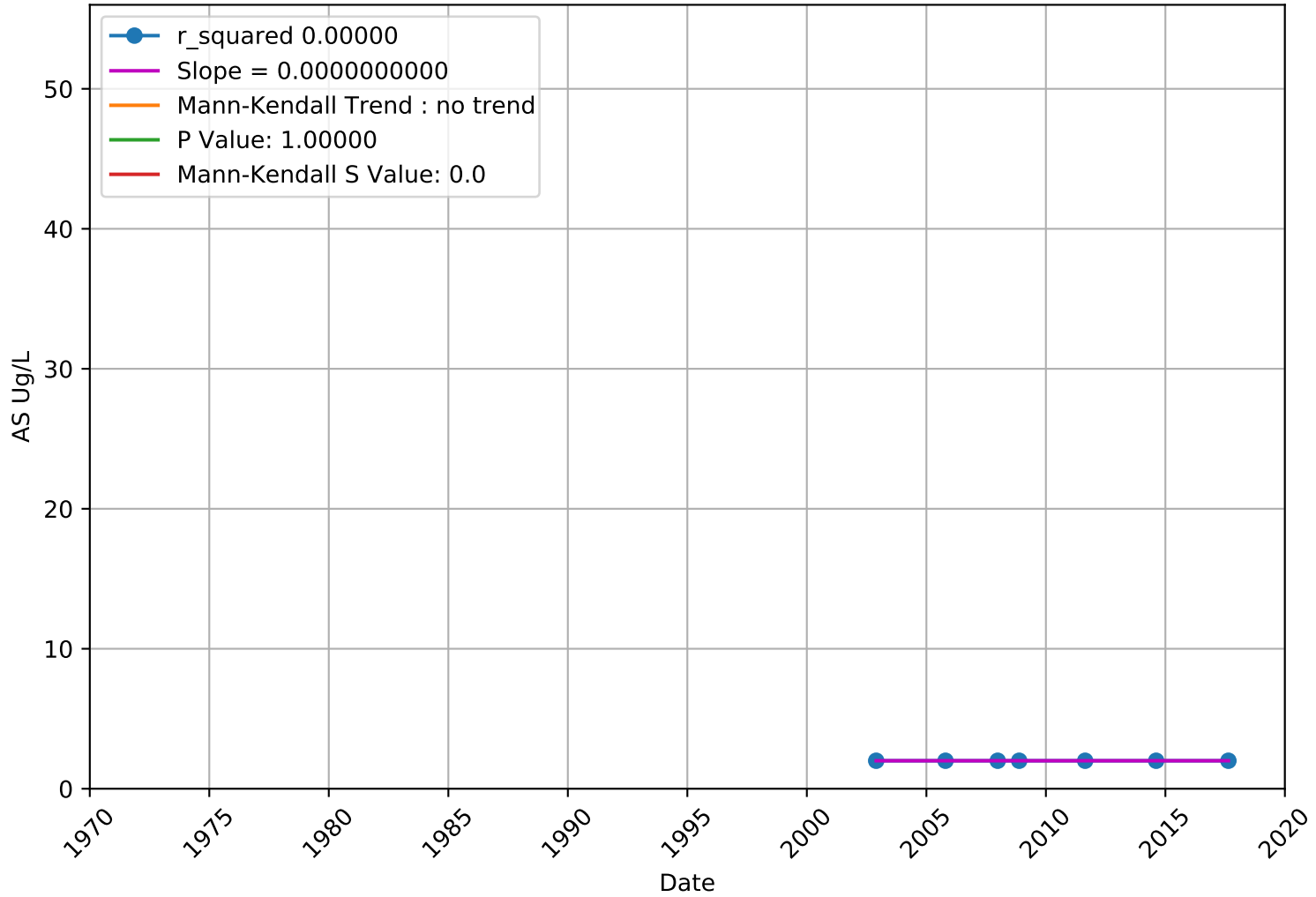
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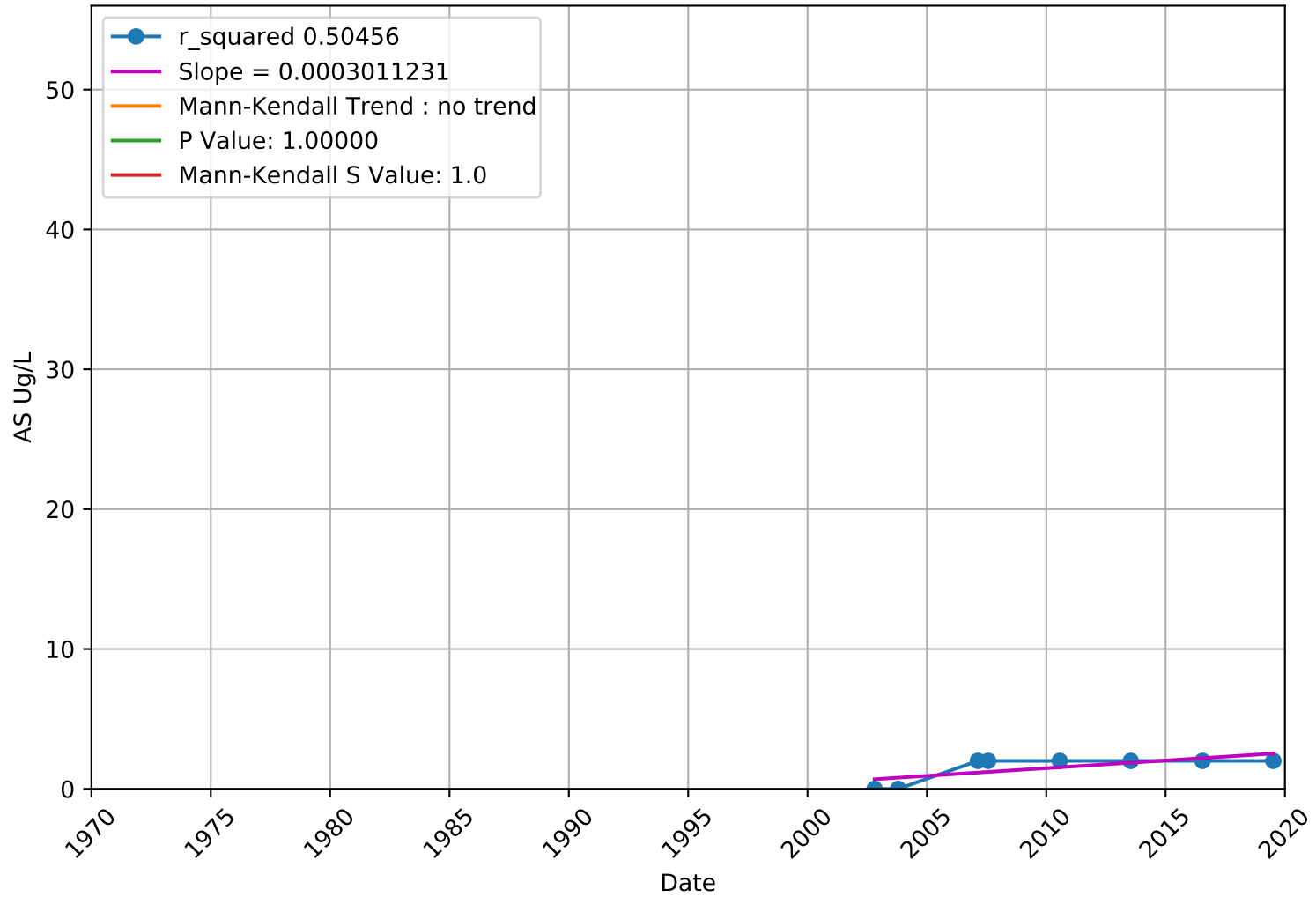
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3901348-002 - Unknown Aquifer



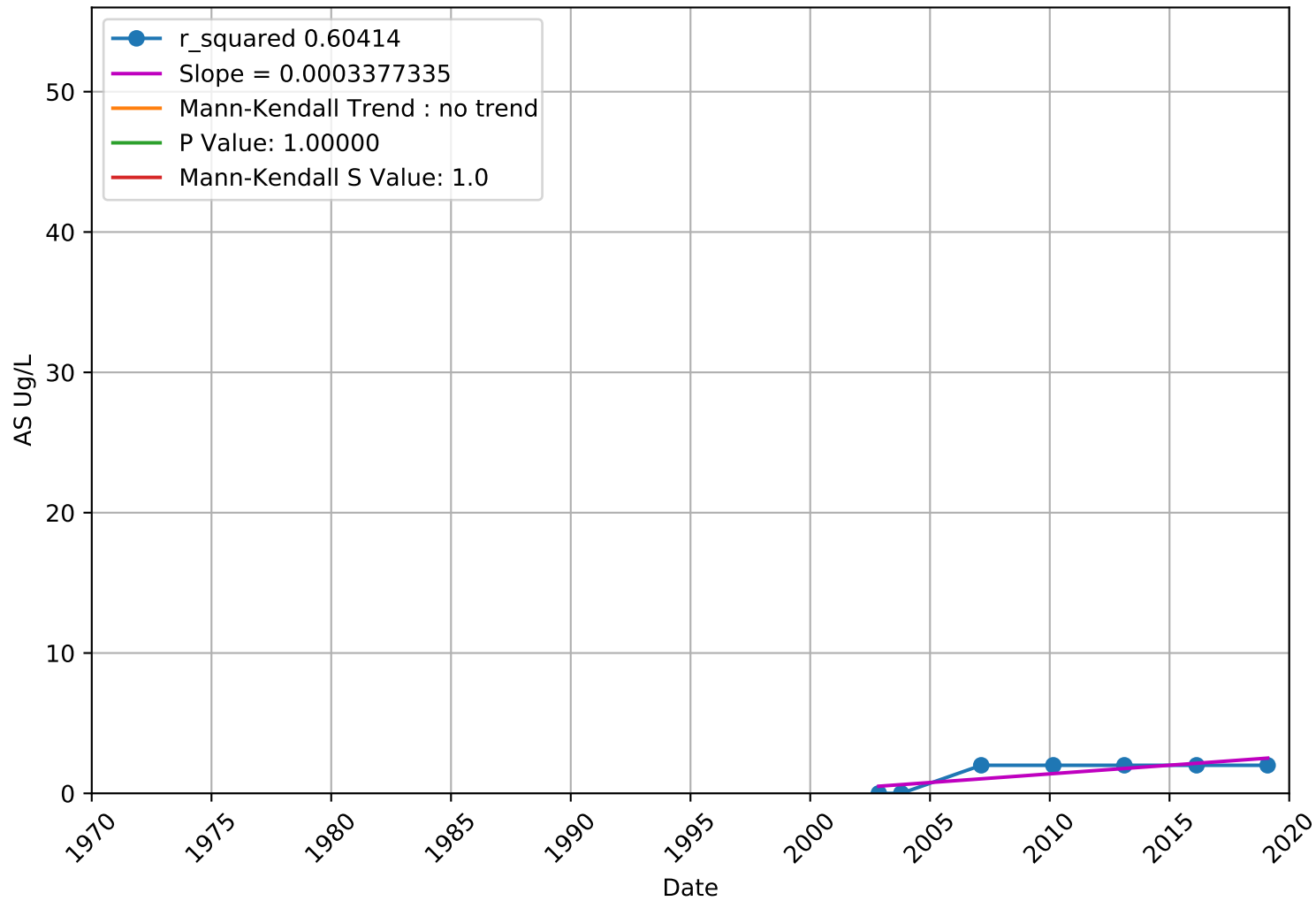
Arsenic

3901348-003 - Unknown Aquifer



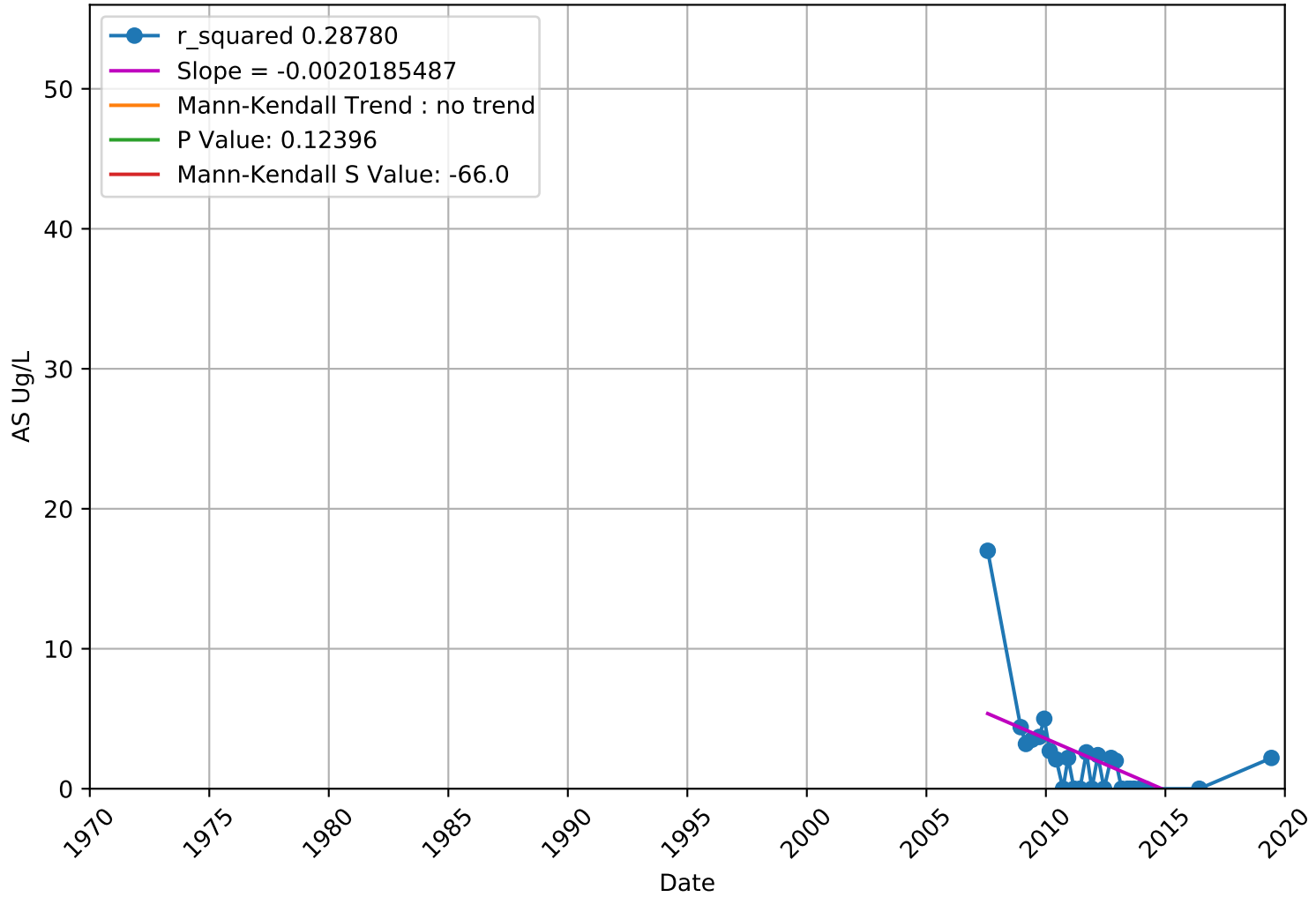
Arsenic

3901348-004 - Unknown Aquifer



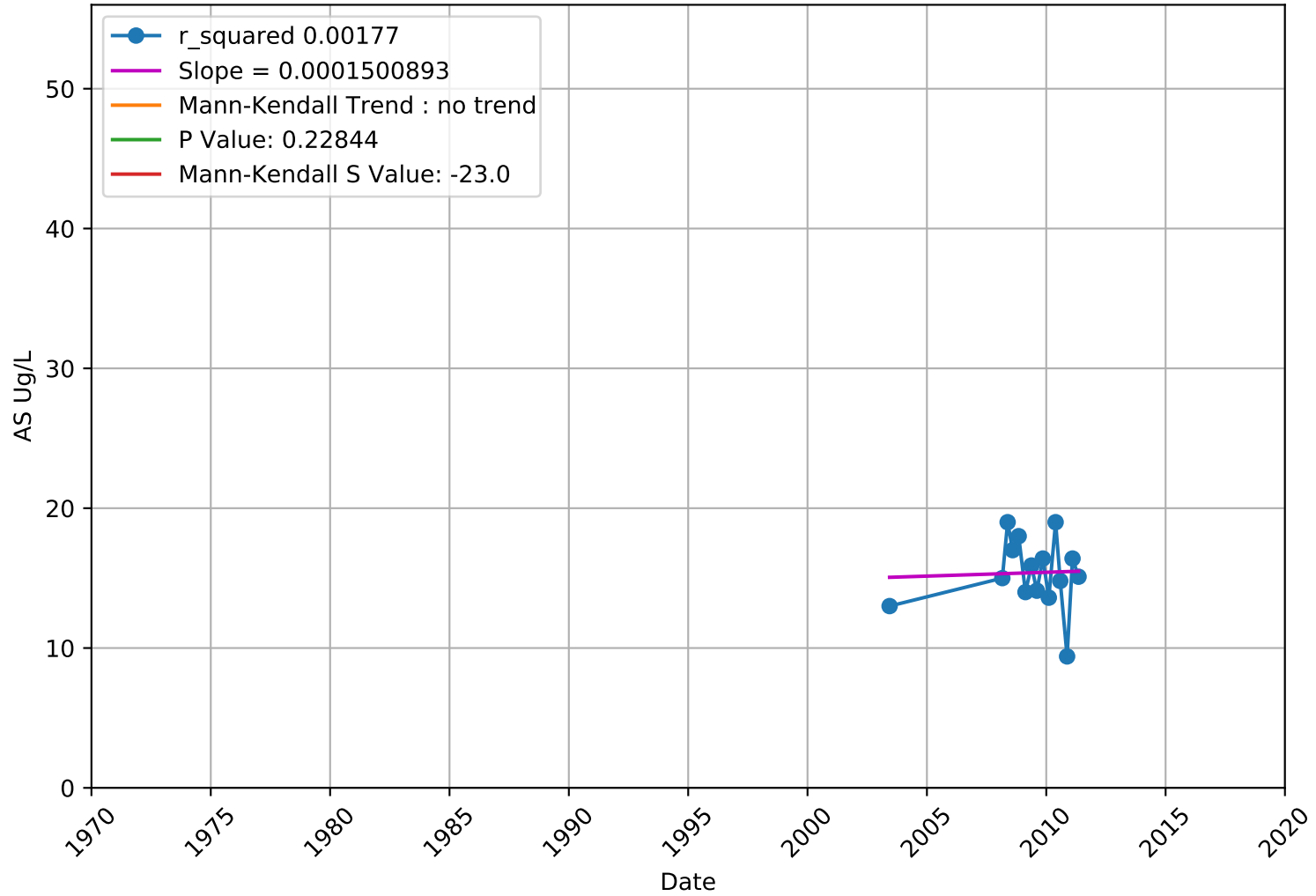
Arsenic

3901378-002 - Unknown Aquifer



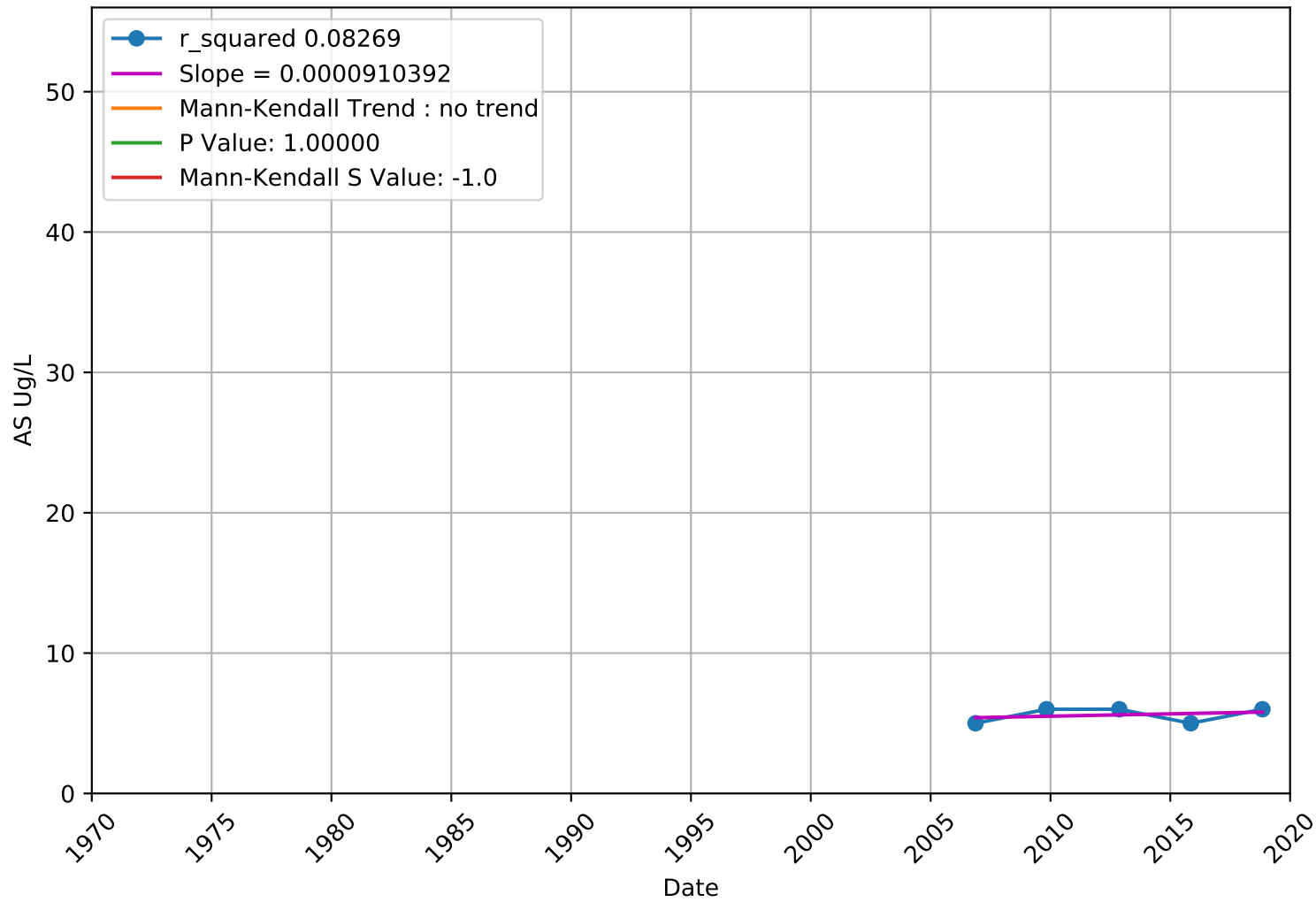
Arsenic

3901396-001 - Unknown Aquifer



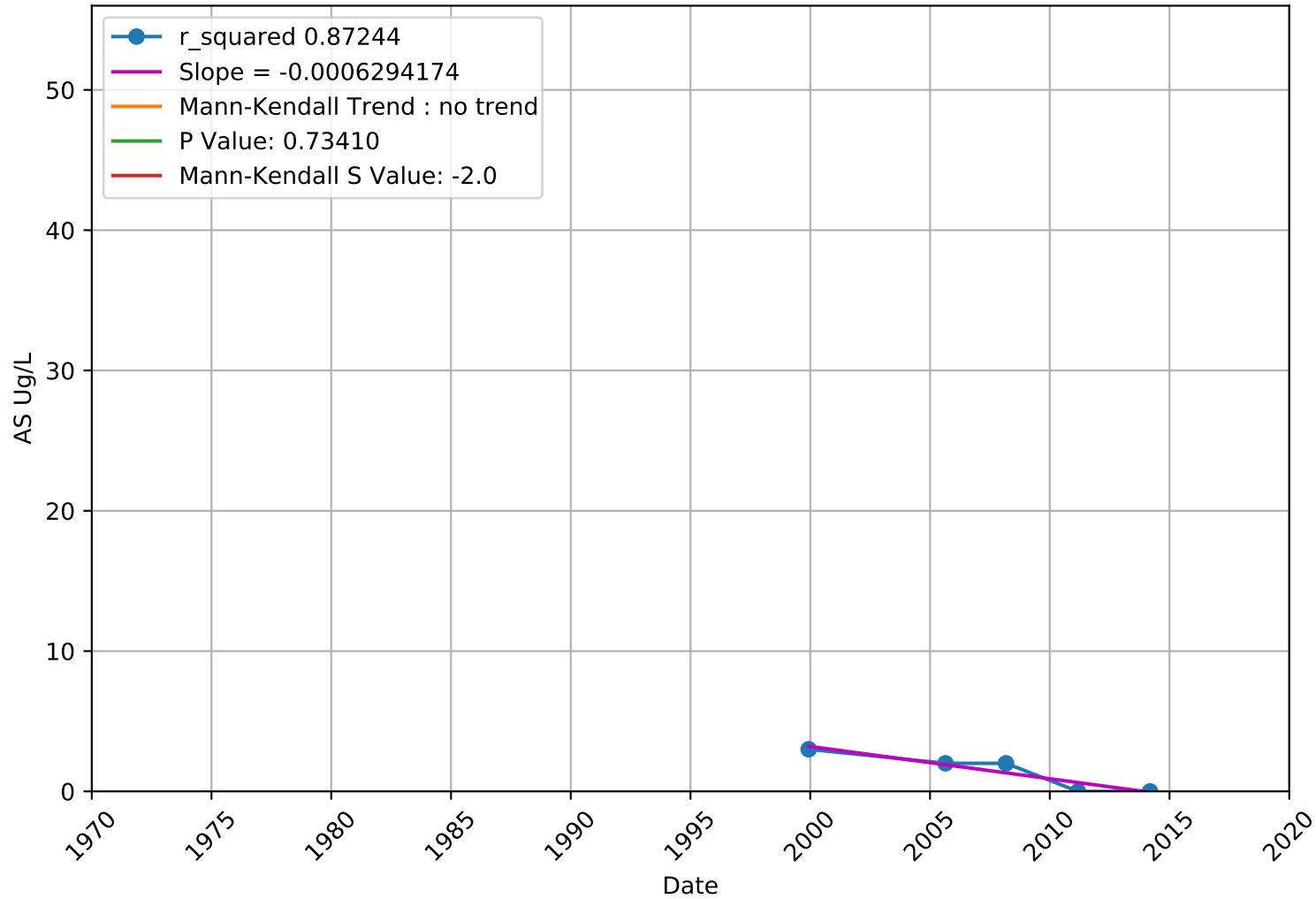
Arsenic

3901397-007 - Unknown Aquifer



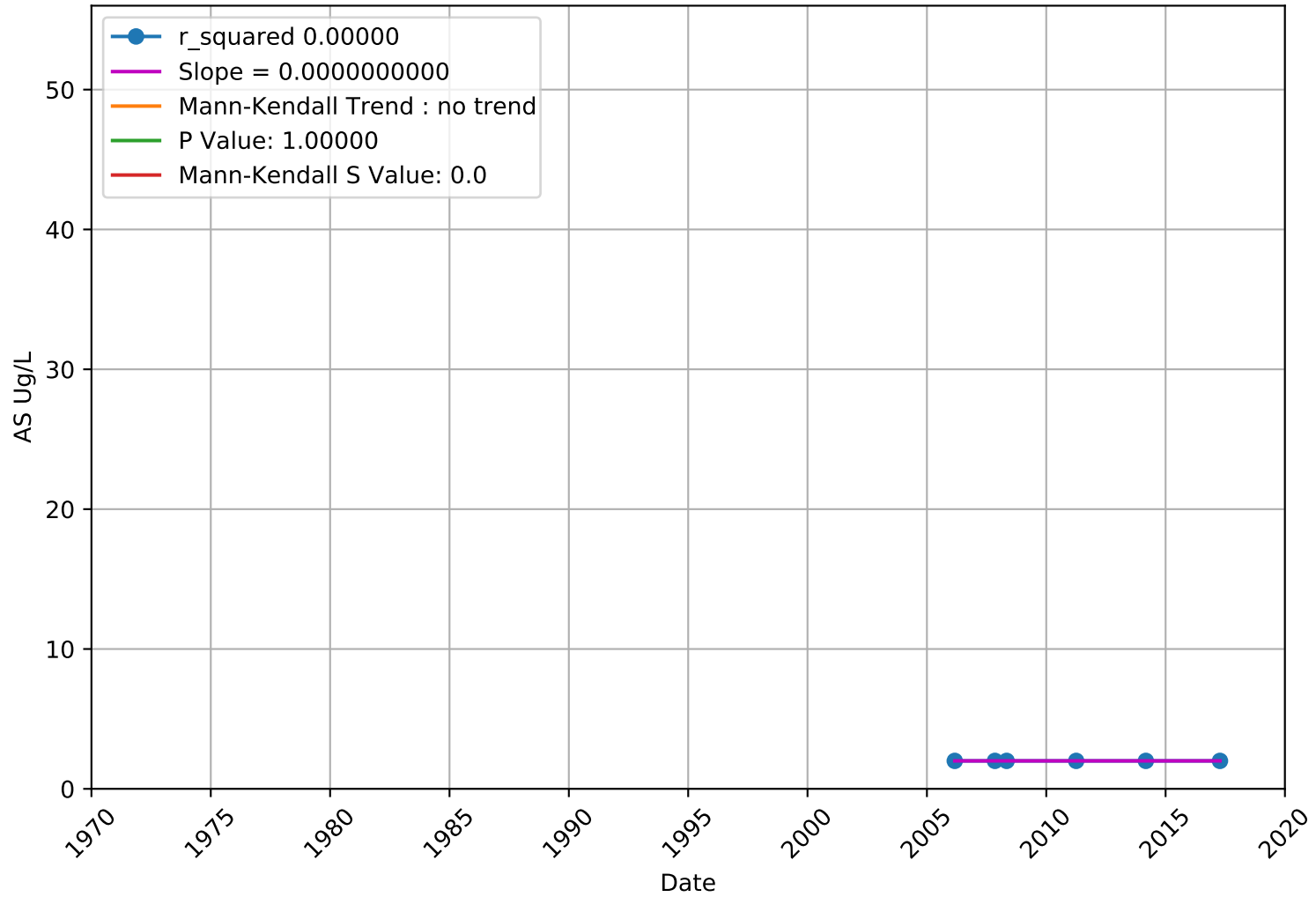
Arsenic

3901398-001 - Unknown Aquifer



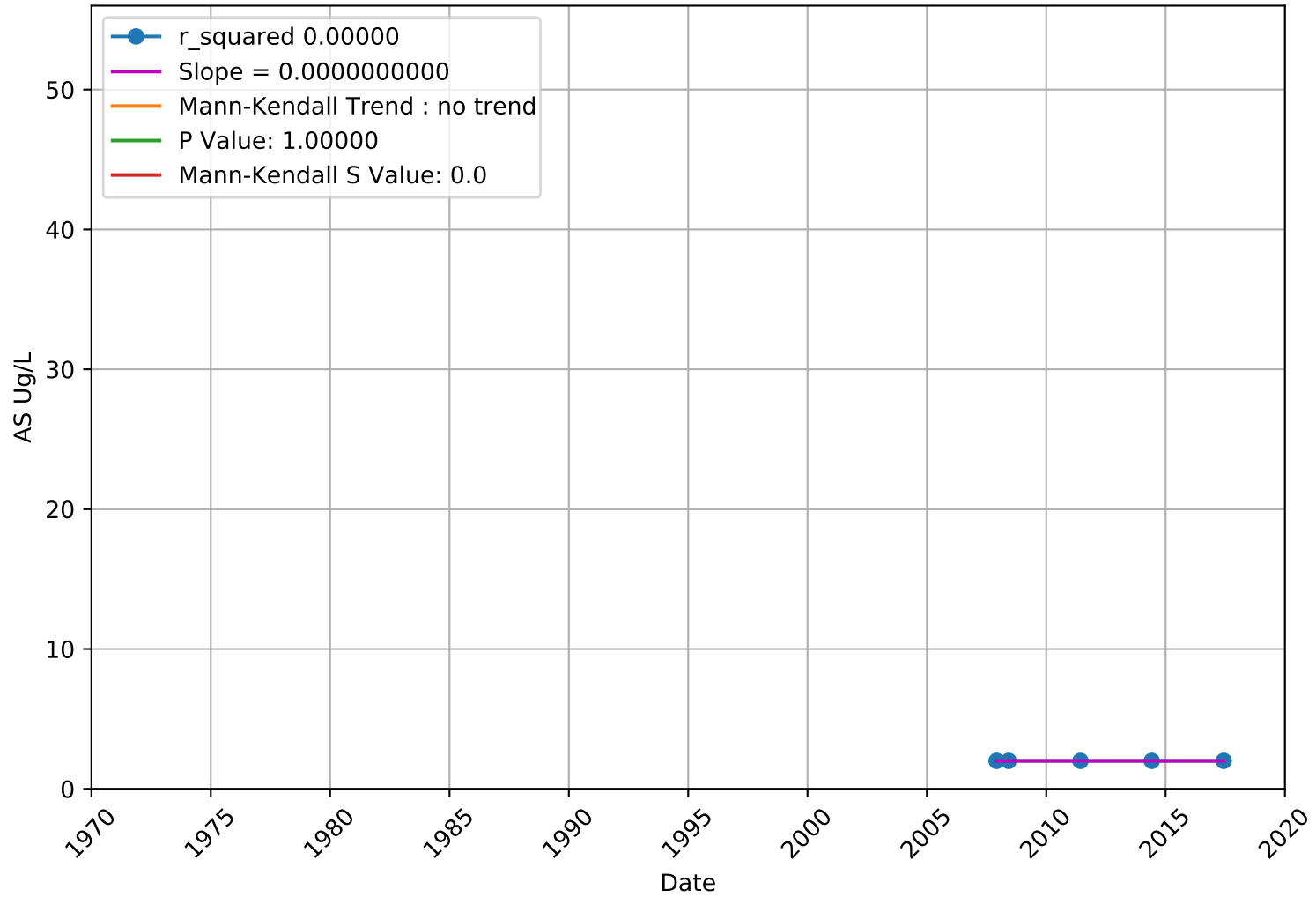
Arsenic

3901409-001 - Unknown Aquifer



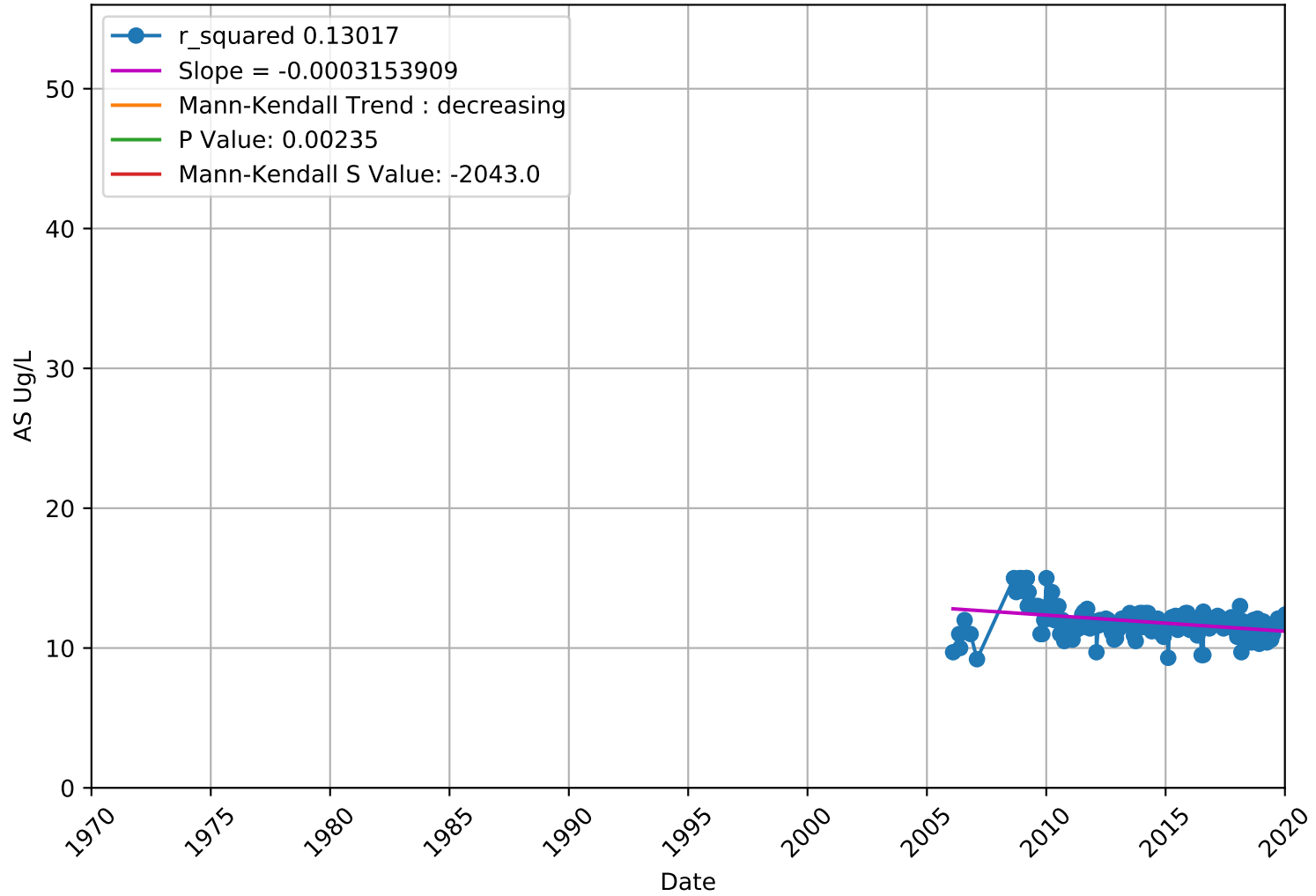
Arsenic

3901420-001 - Unknown Aquifer

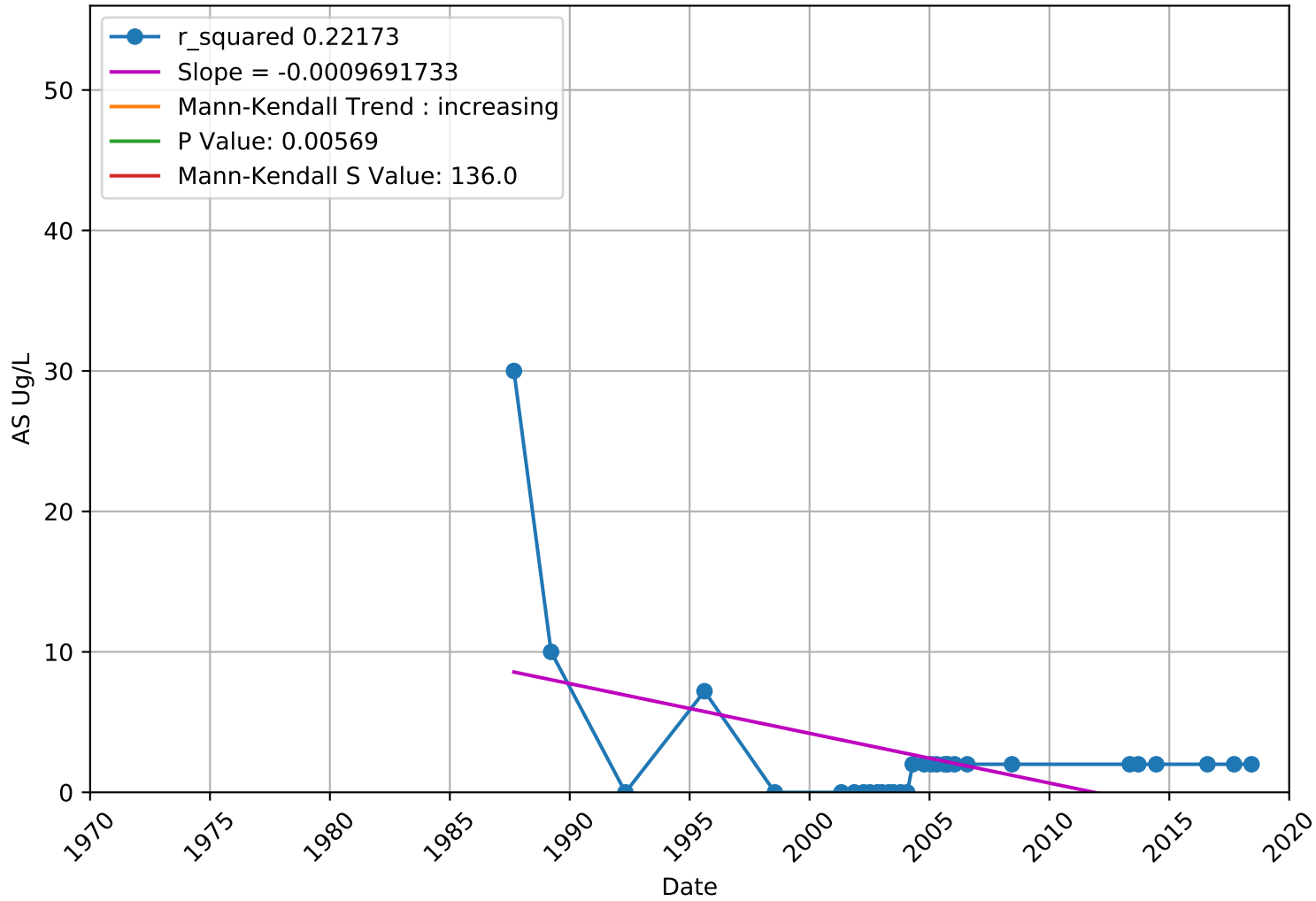


Arsenic

3910005-044 - Unknown Aquifer

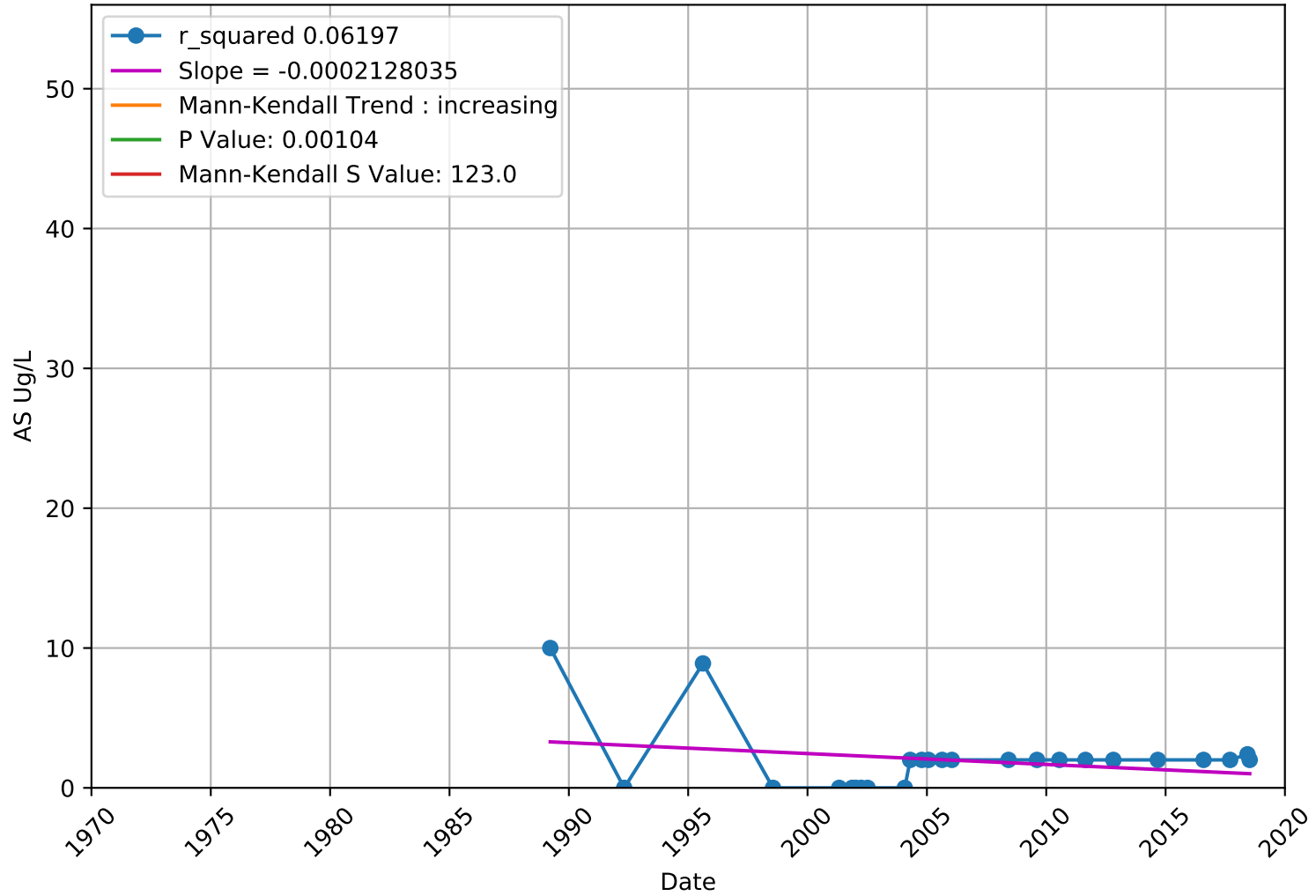


Arsenic 3910011-003 - Lower Aquifer



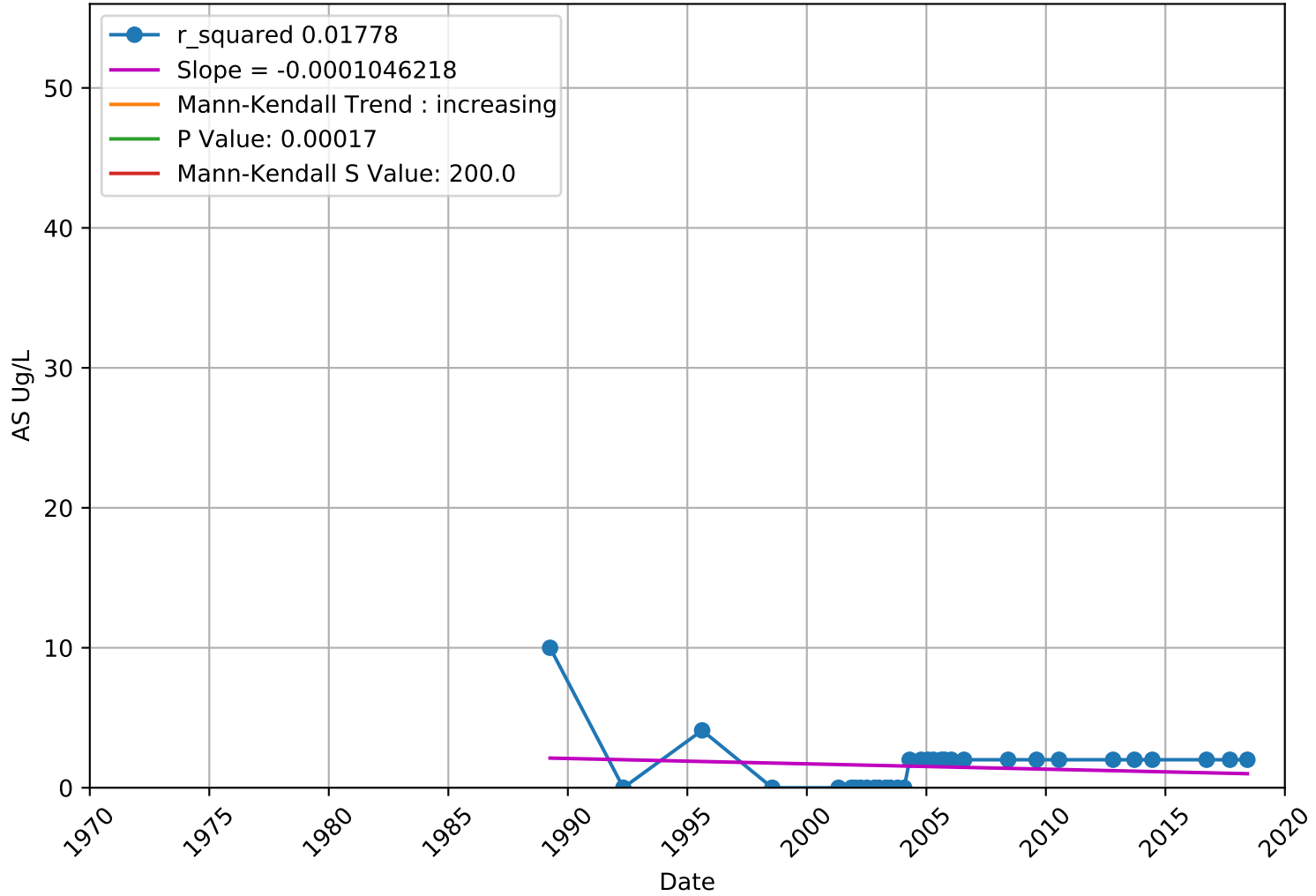
Arsenic

3910011-004 - Lower Aquifer



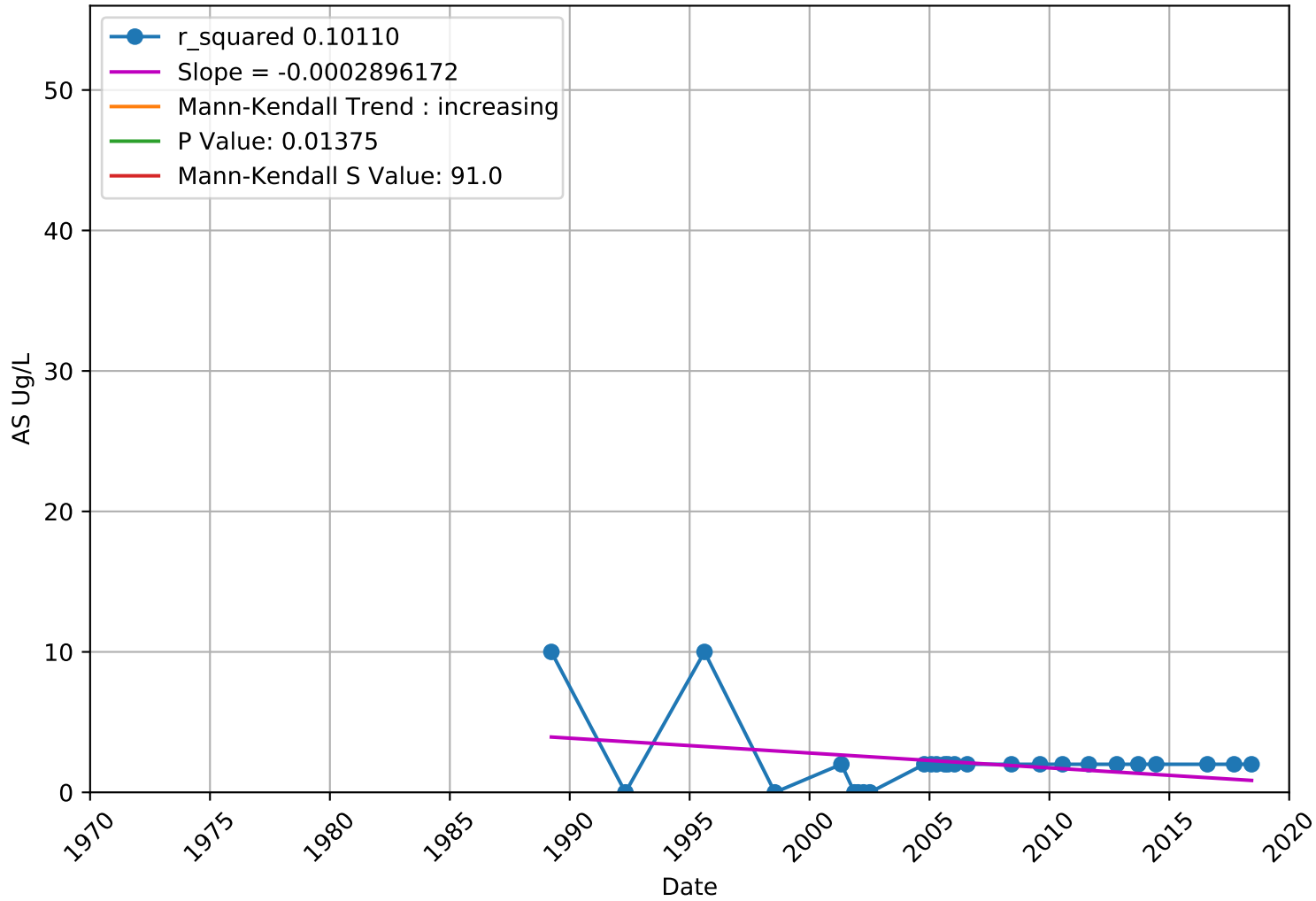
Arsenic

3910011-005 - Lower Aquifer



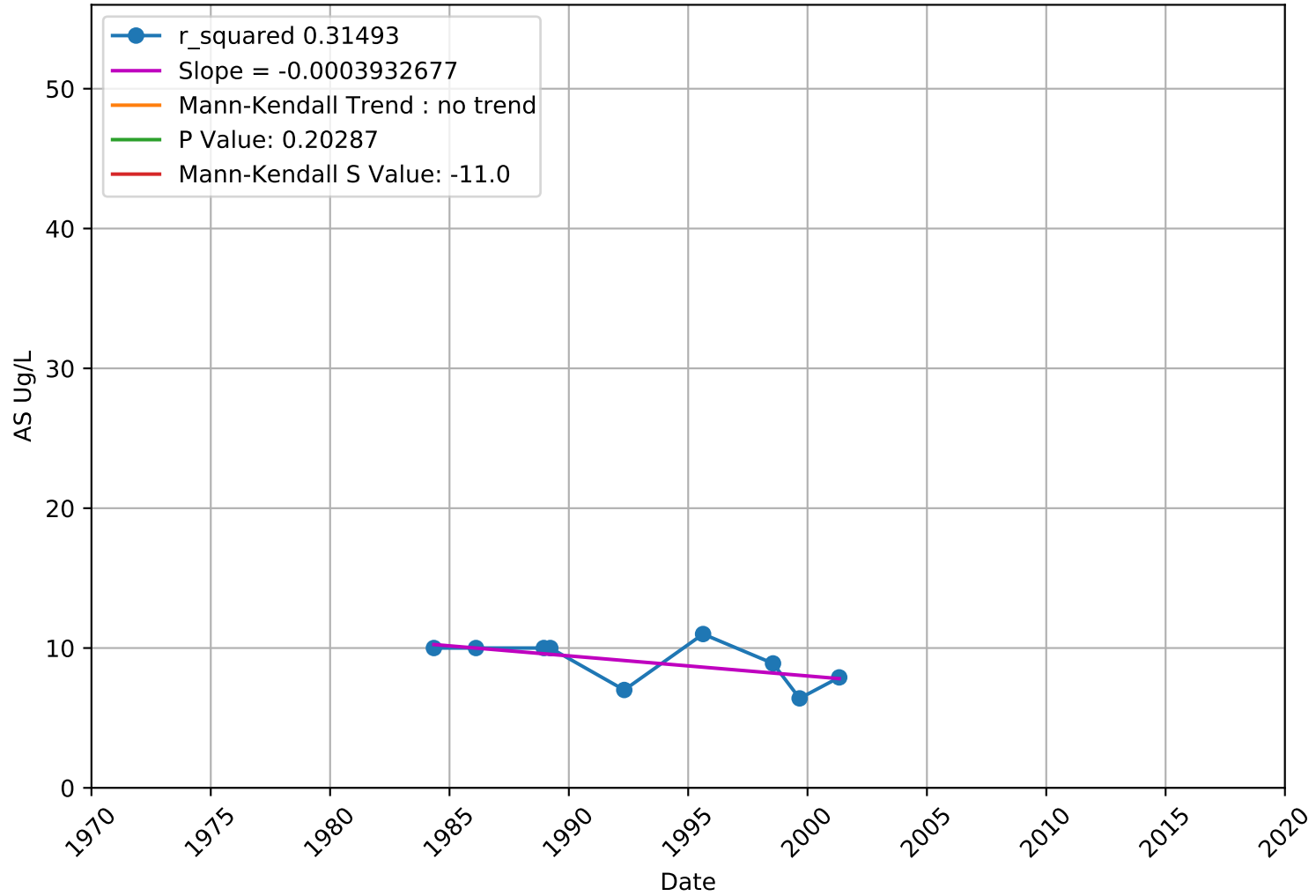
Arsenic

3910011-006 - Lower Aquifer



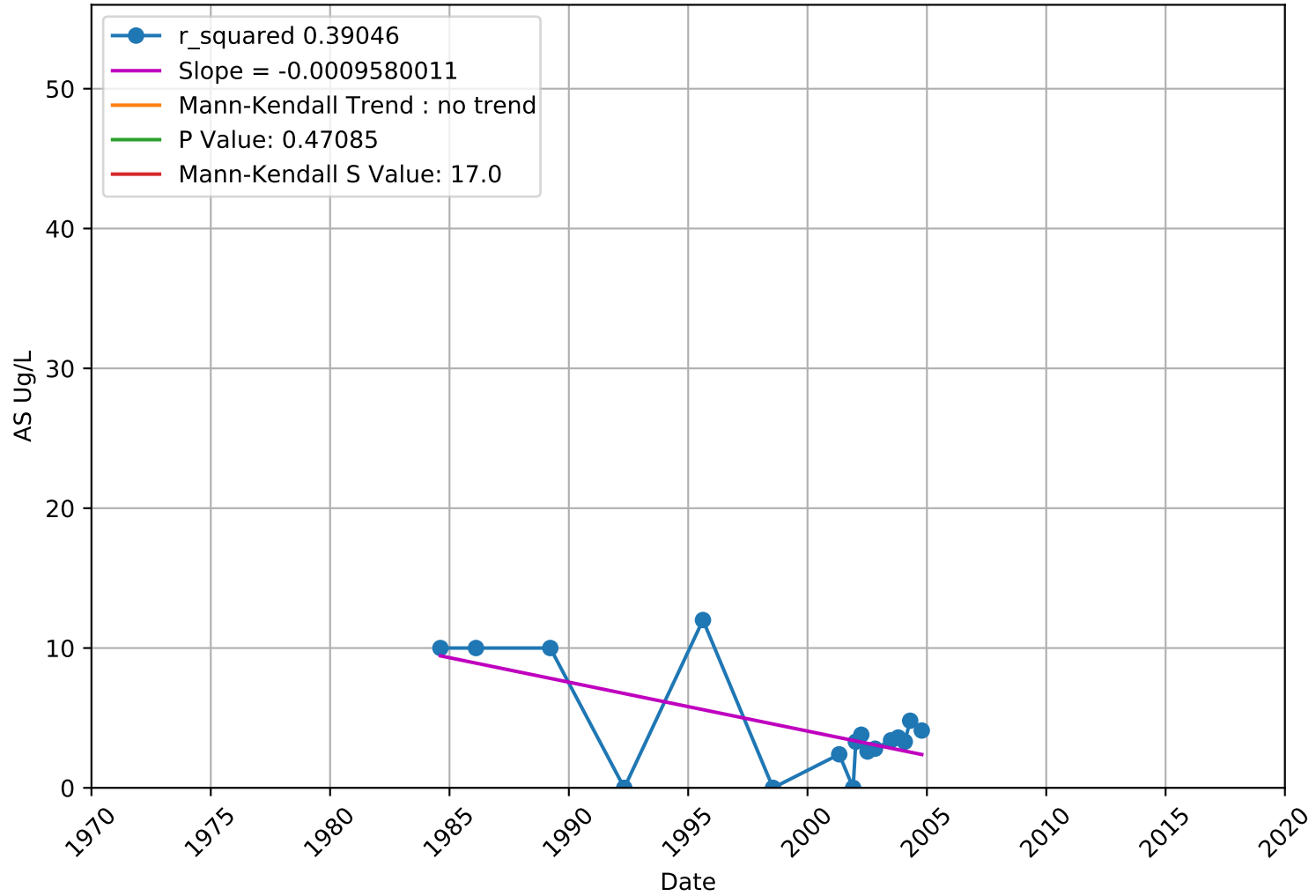
Arsenic

3910011-007 - Unknown Aquifer



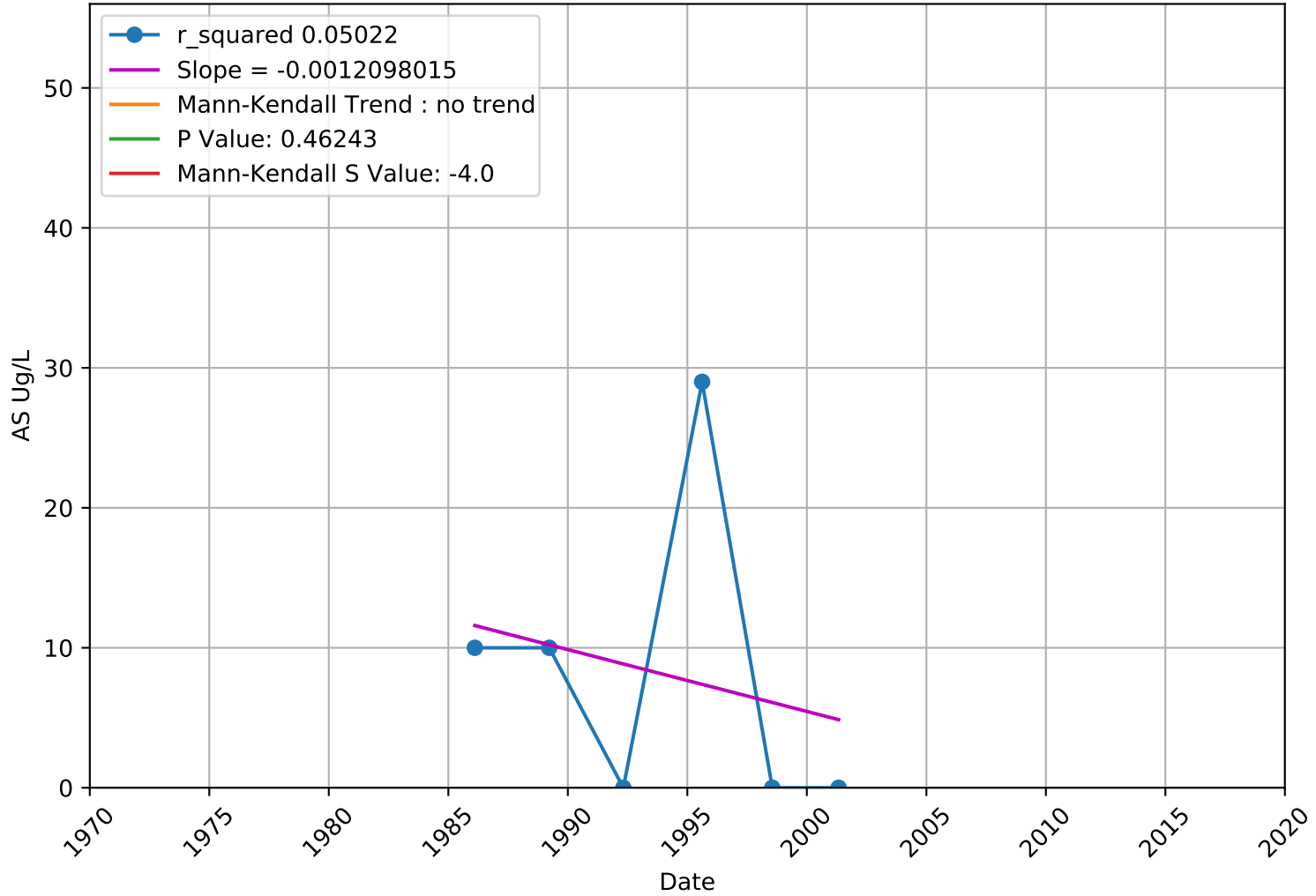
Arsenic

3910011-010 - Unknown Aquifer



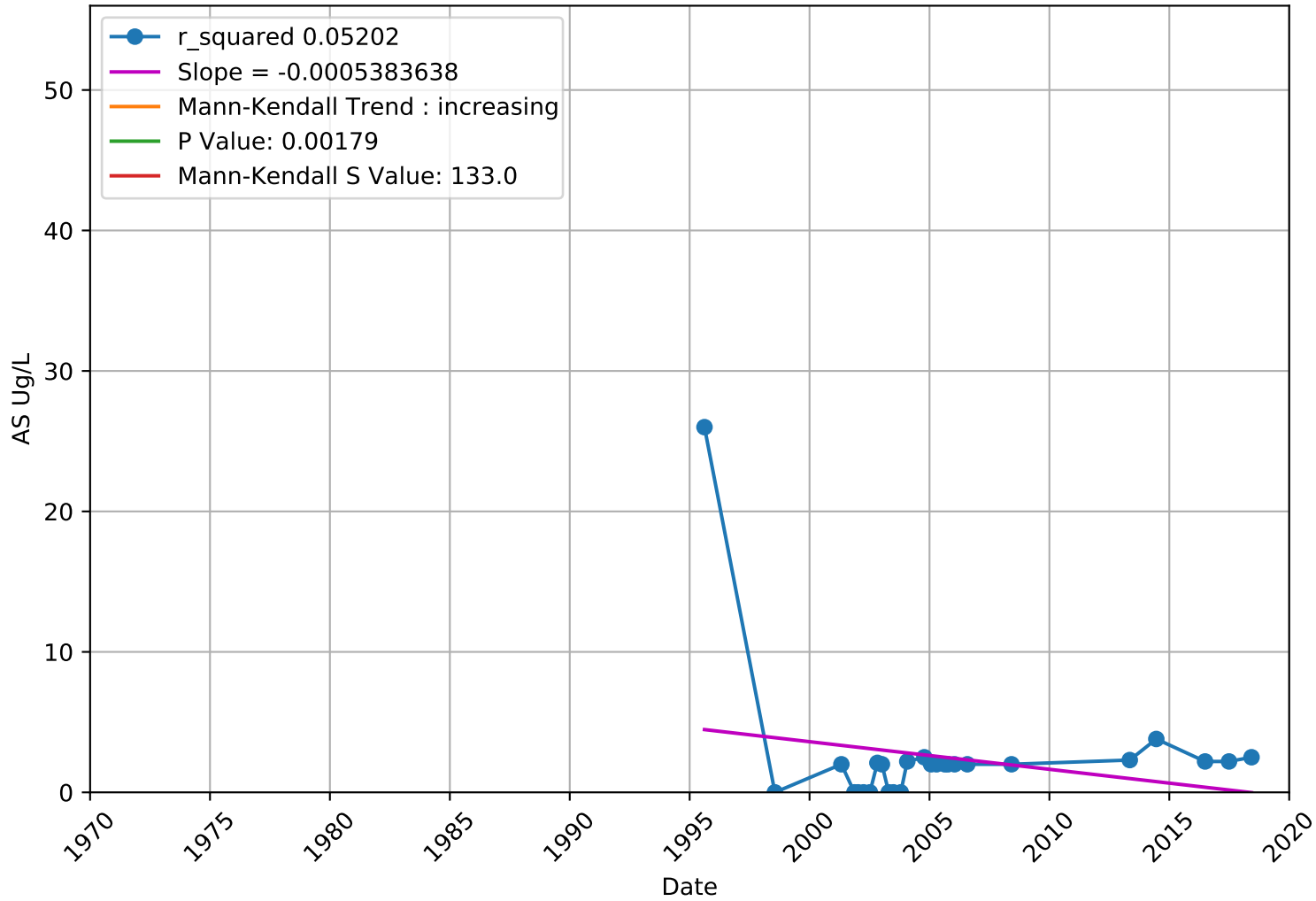
Arsenic

3910011-017 - Unknown Aquifer



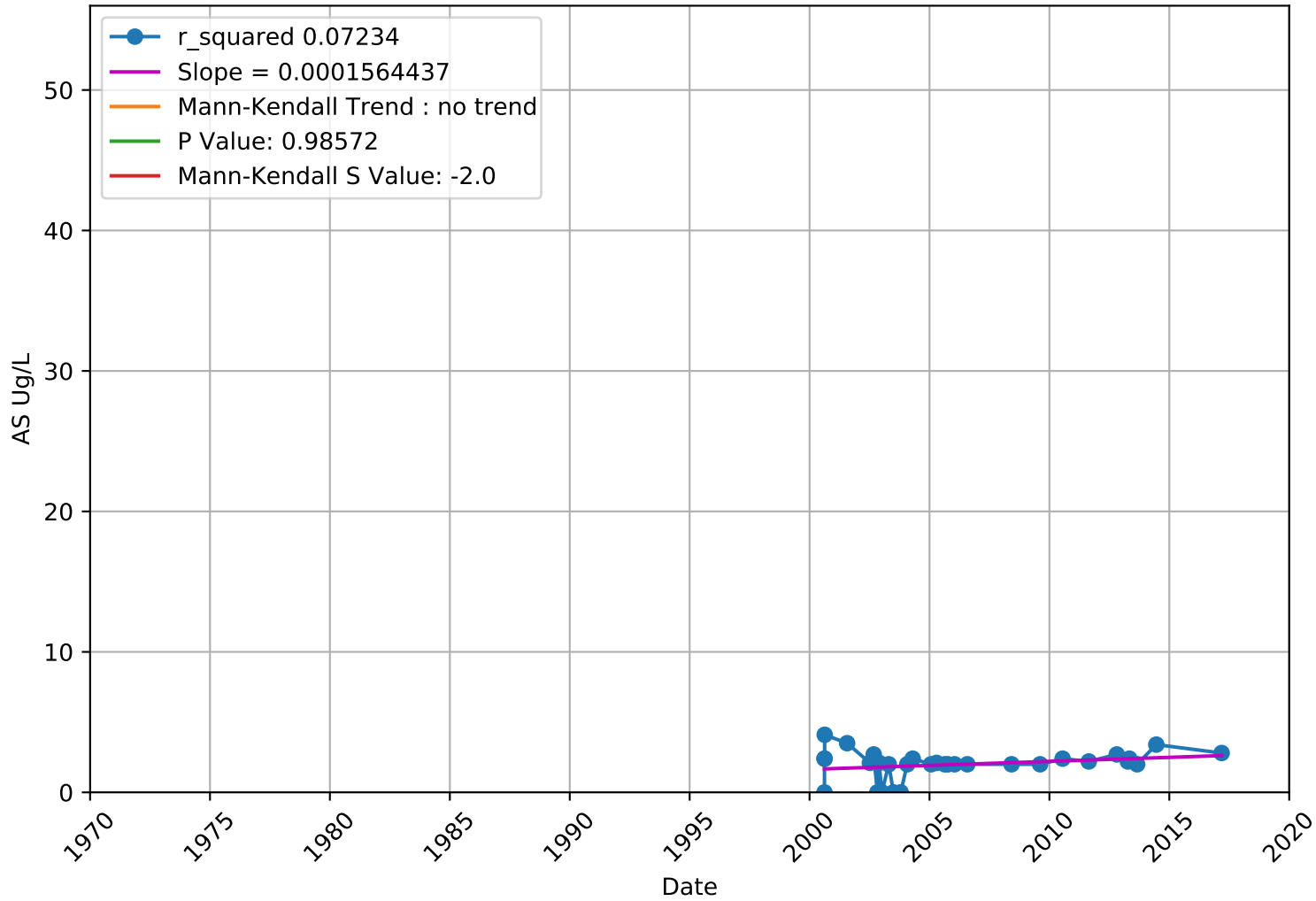
Arsenic

3910011-018 - Lower Aquifer



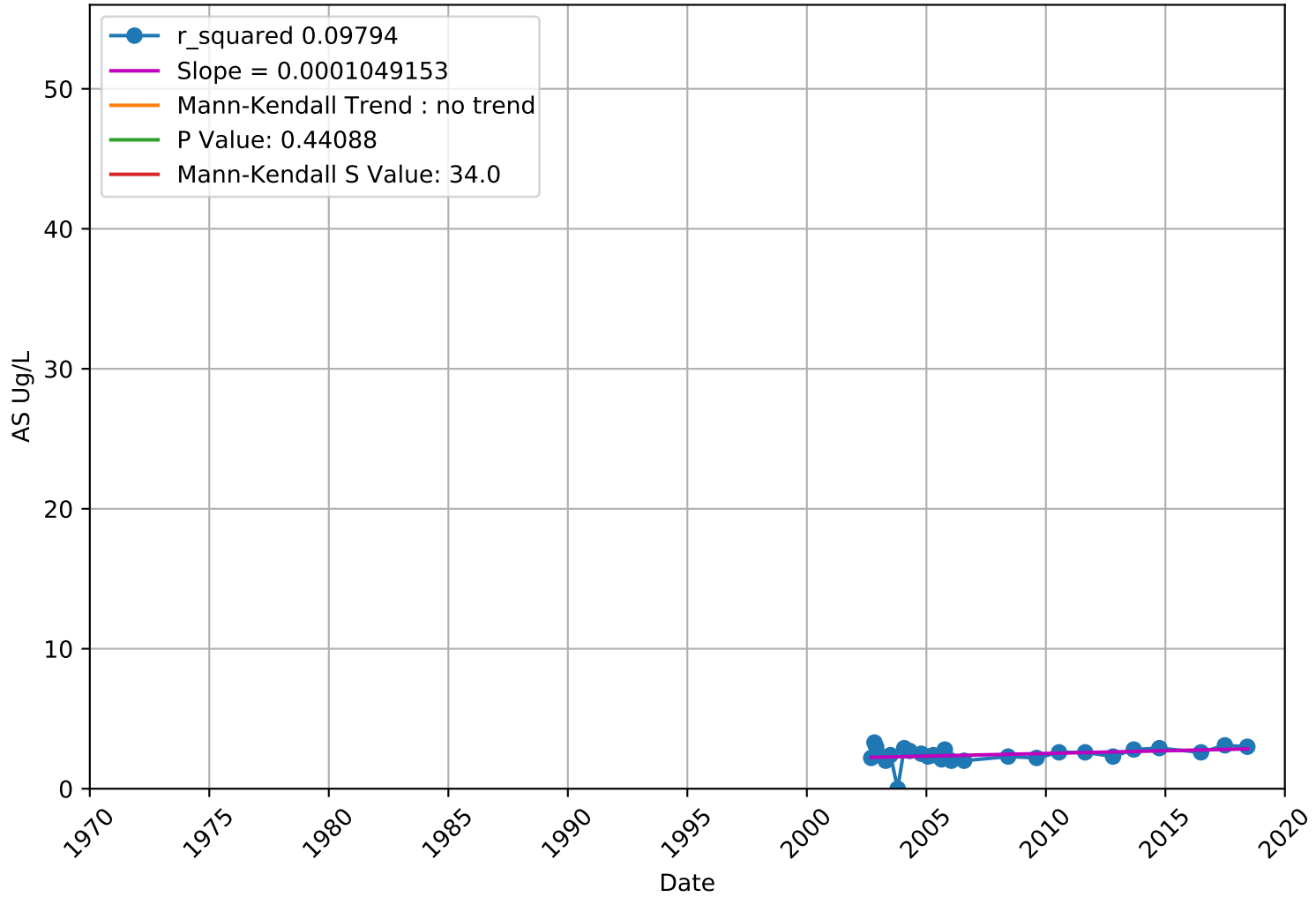
Arsenic

3910011-030 - Lower Aquifer



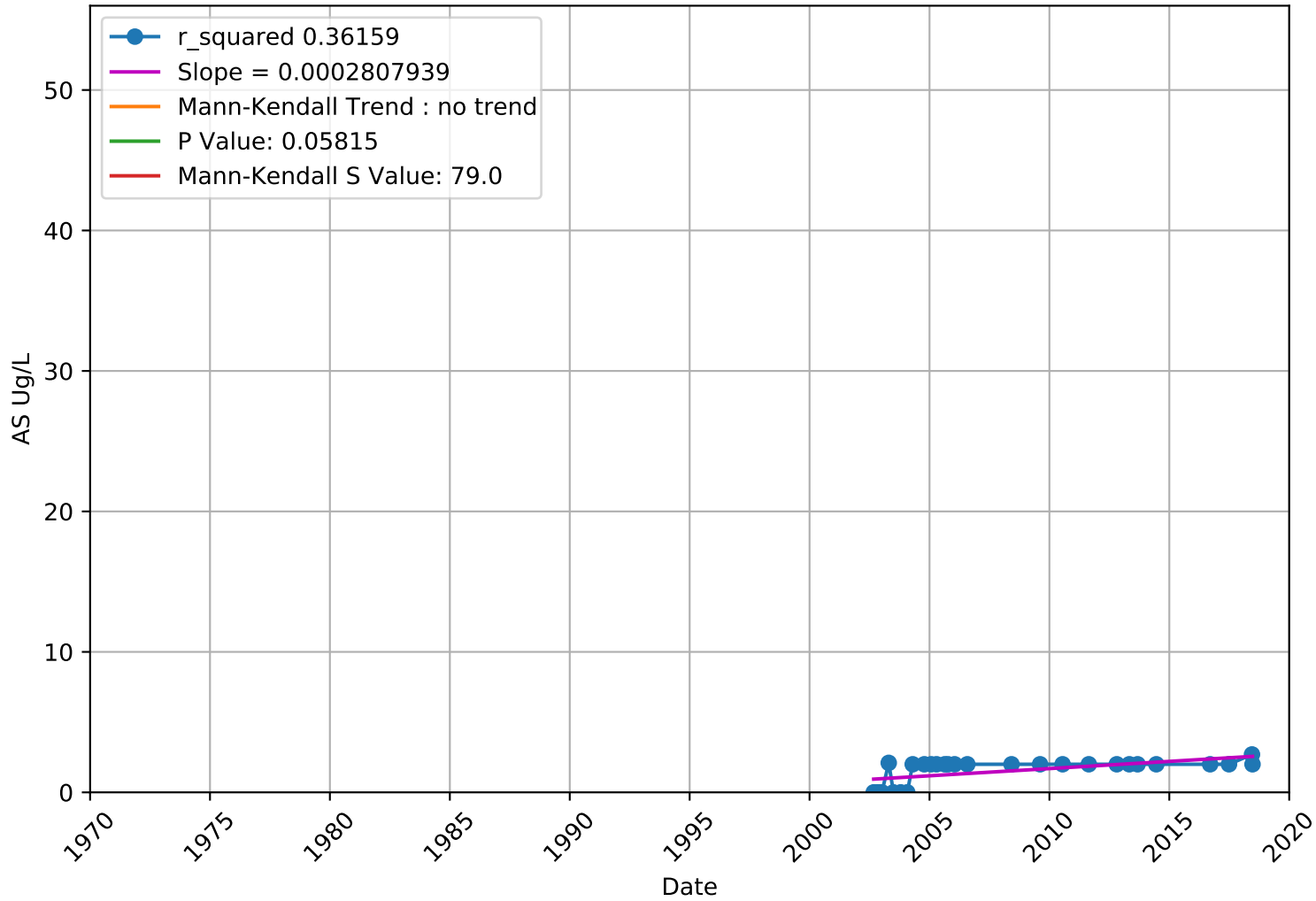
Arsenic

3910011-032 - Lower Aquifer



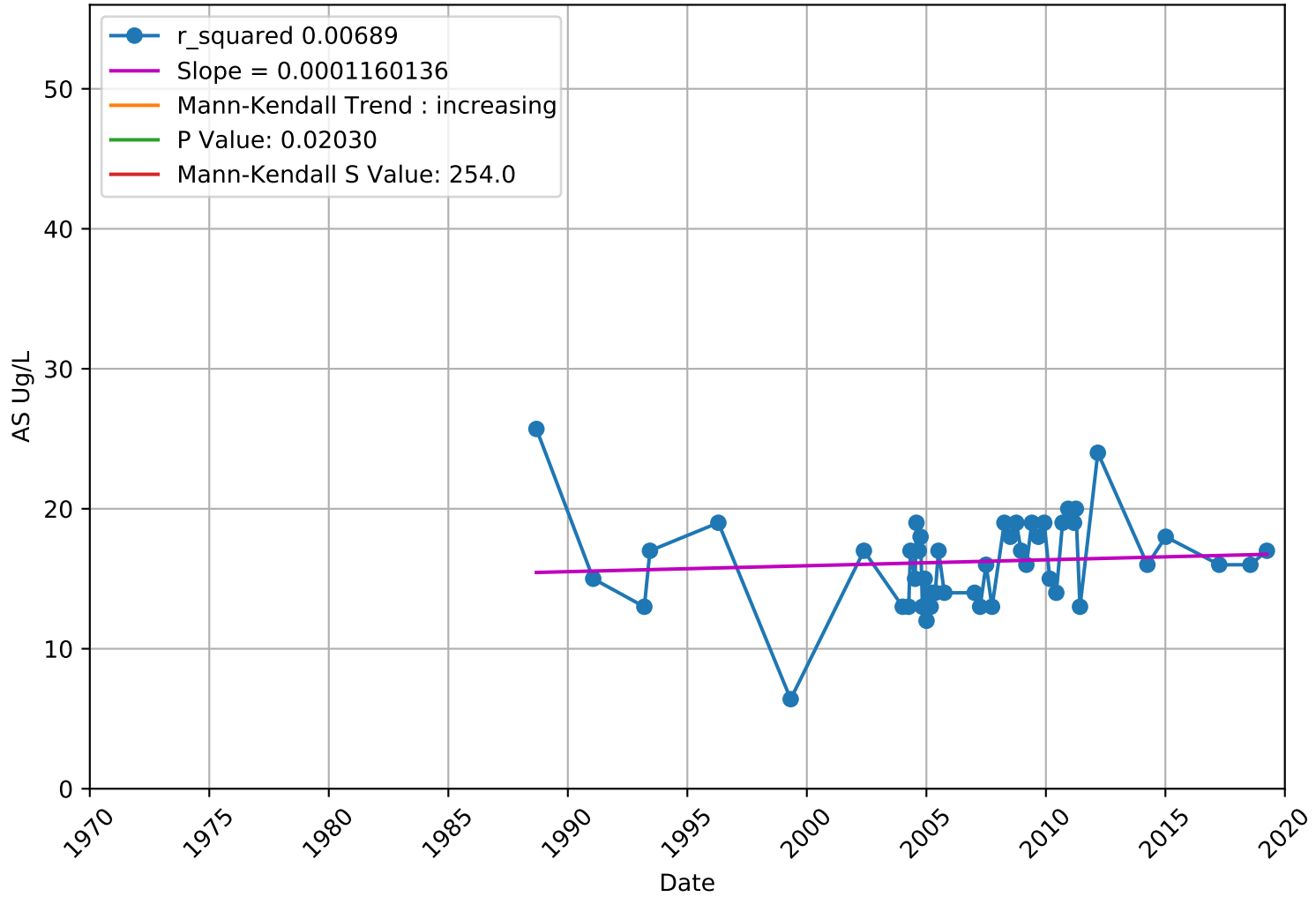
Arsenic

3910011-034 - Lower Aquifer



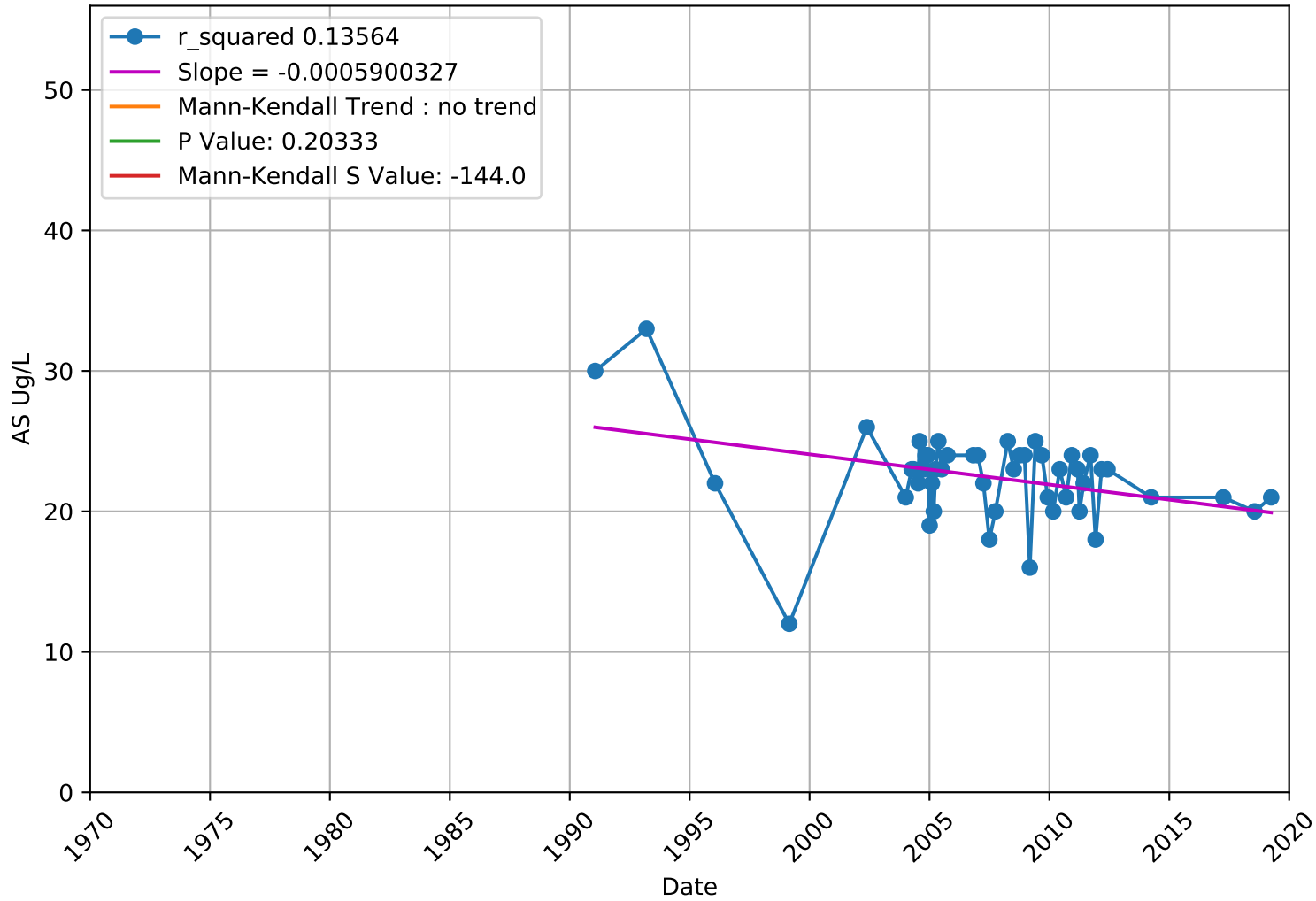
Arsenic

3910015-005 - Upper Aquifer



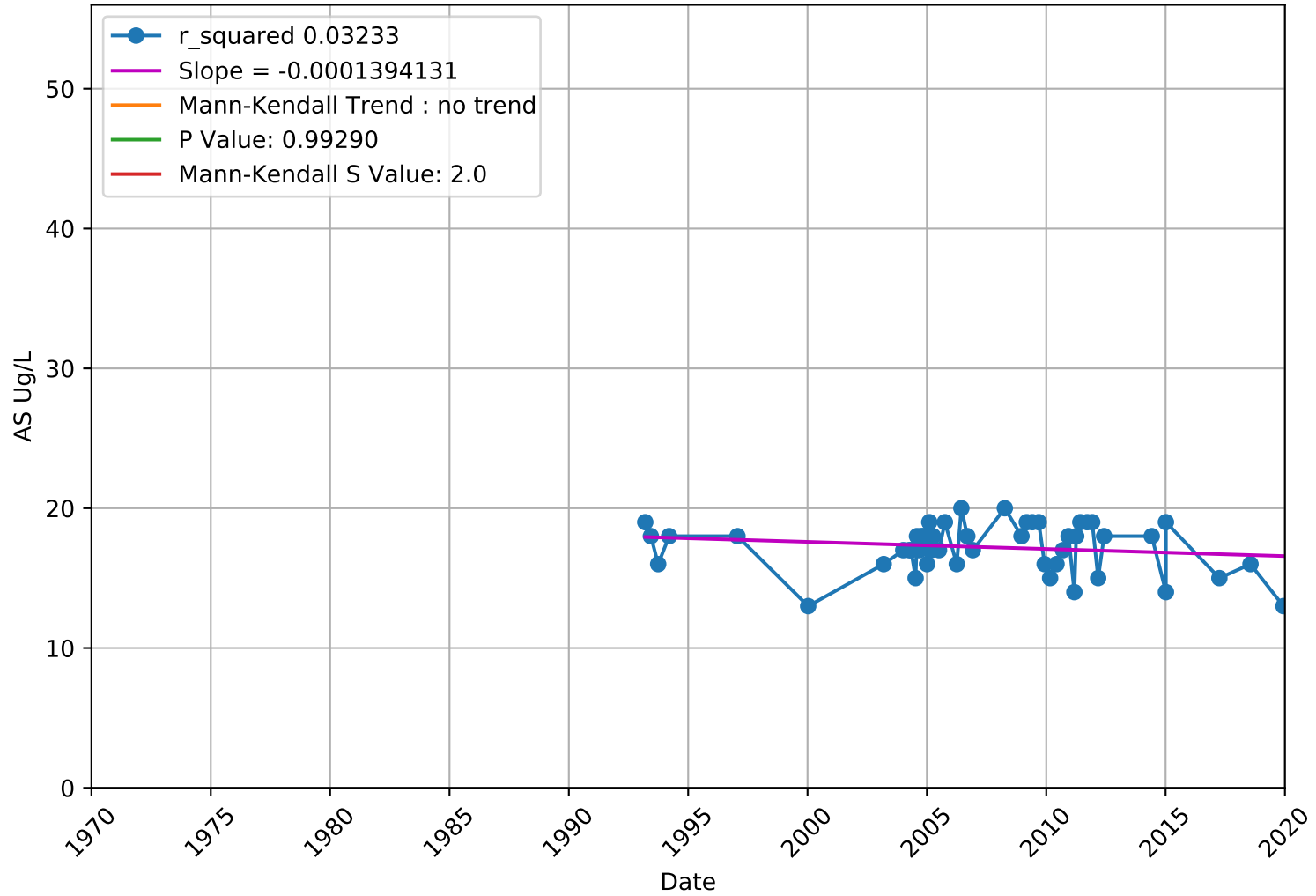
Arsenic

3910015-006 - Upper Aquifer

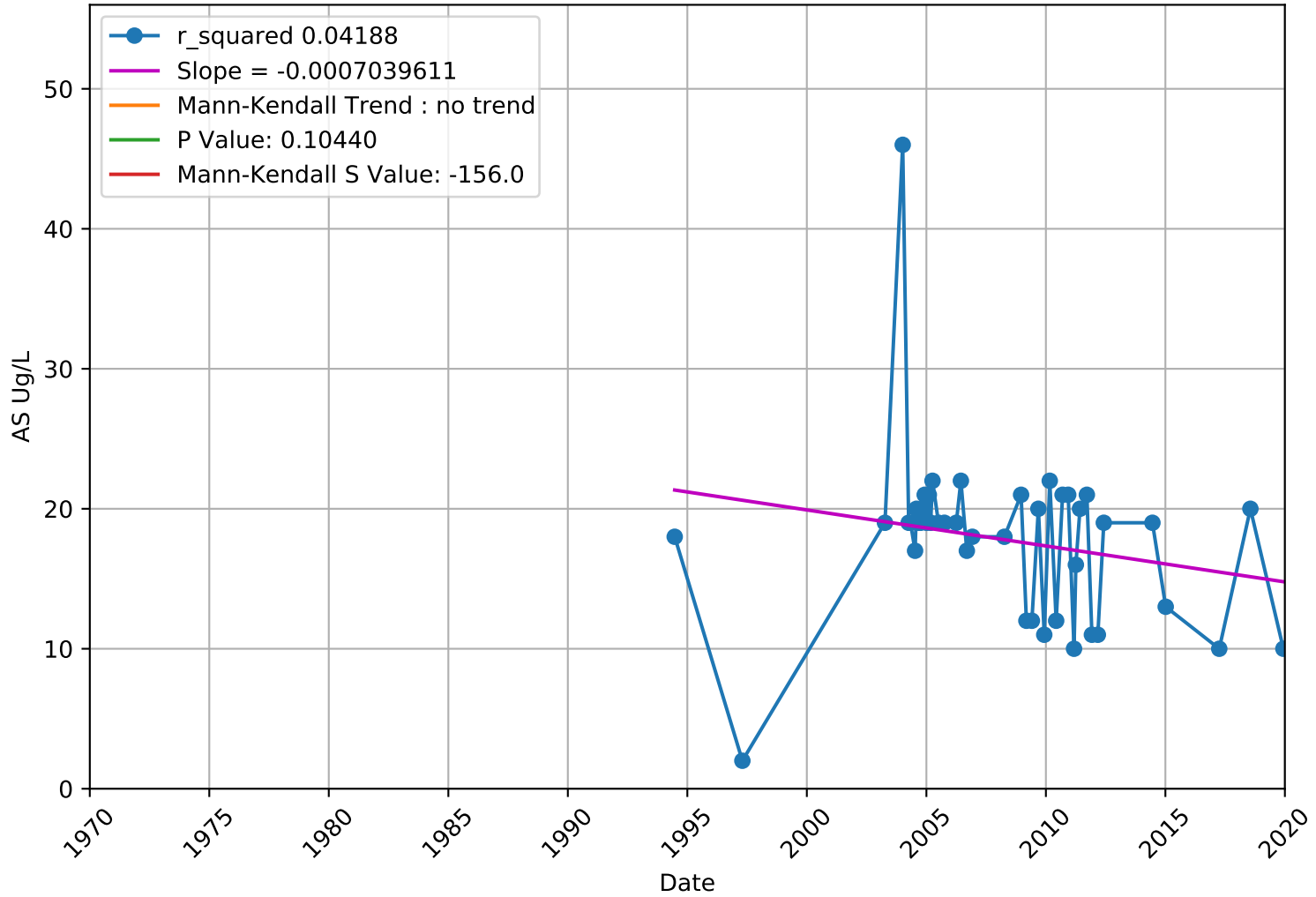


Arsenic

3910015-007 - Upper Aquifer

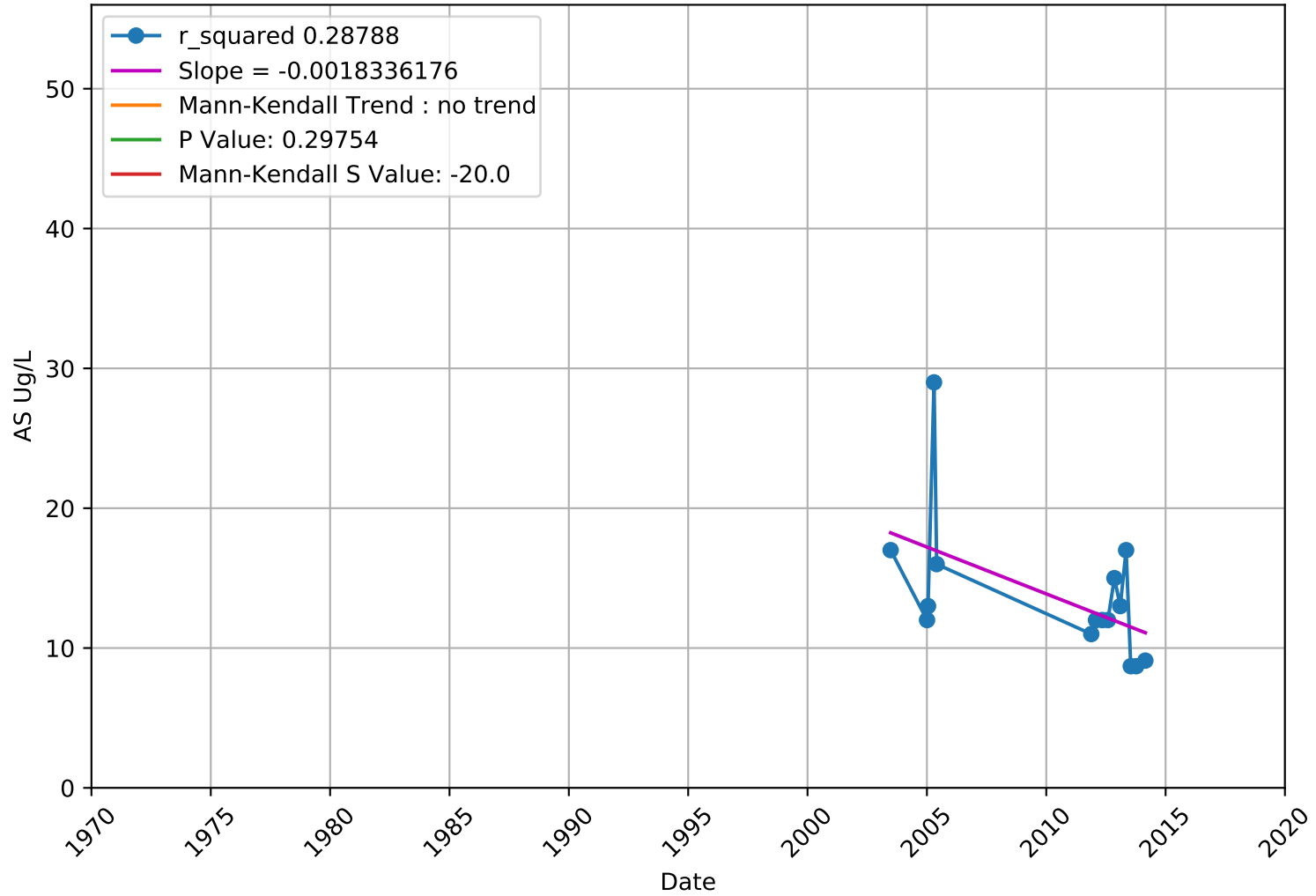


Arsenic 3910015-008 - Upper Aquifer



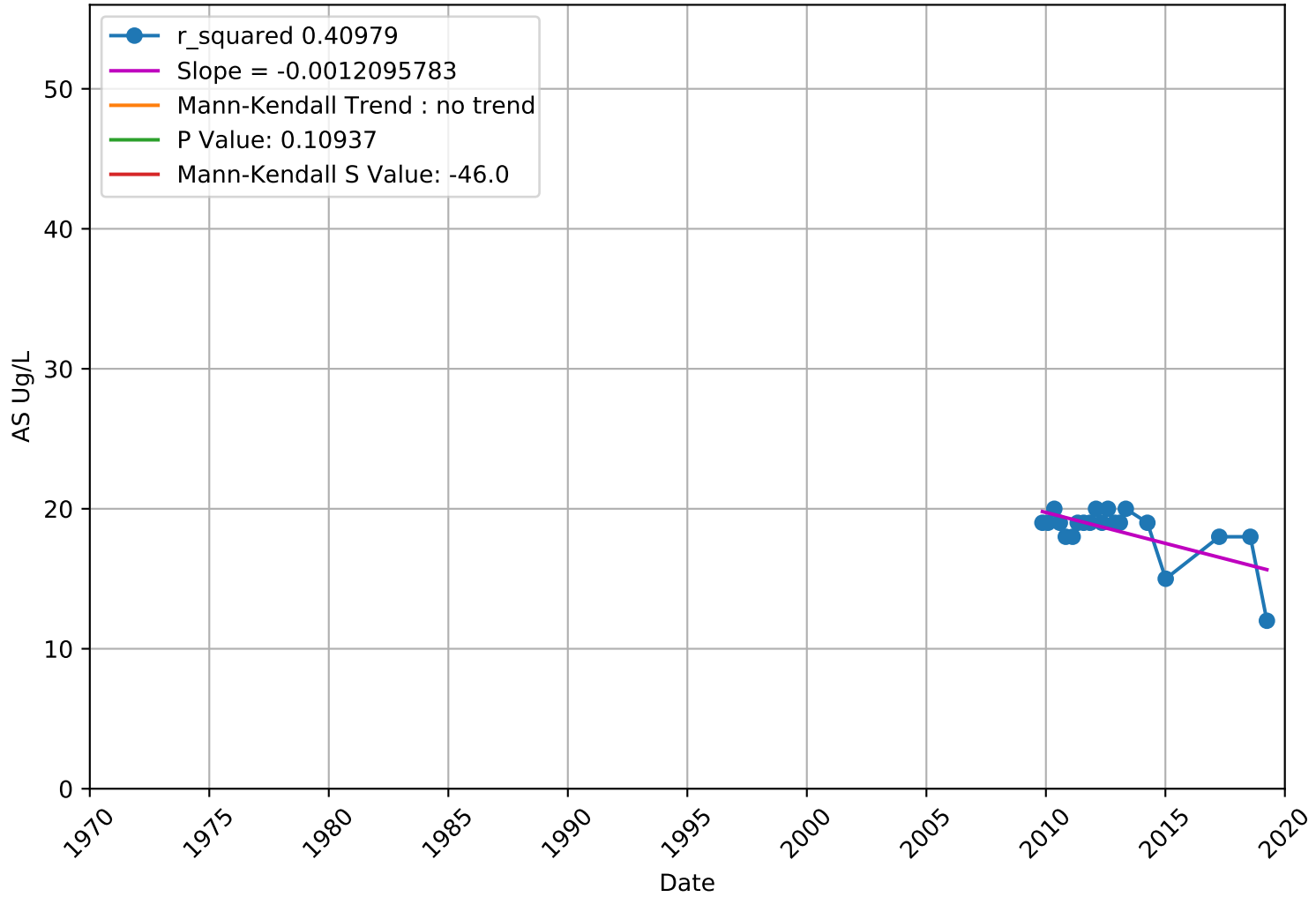
Arsenic

3910015-013 - Unknown Aquifer



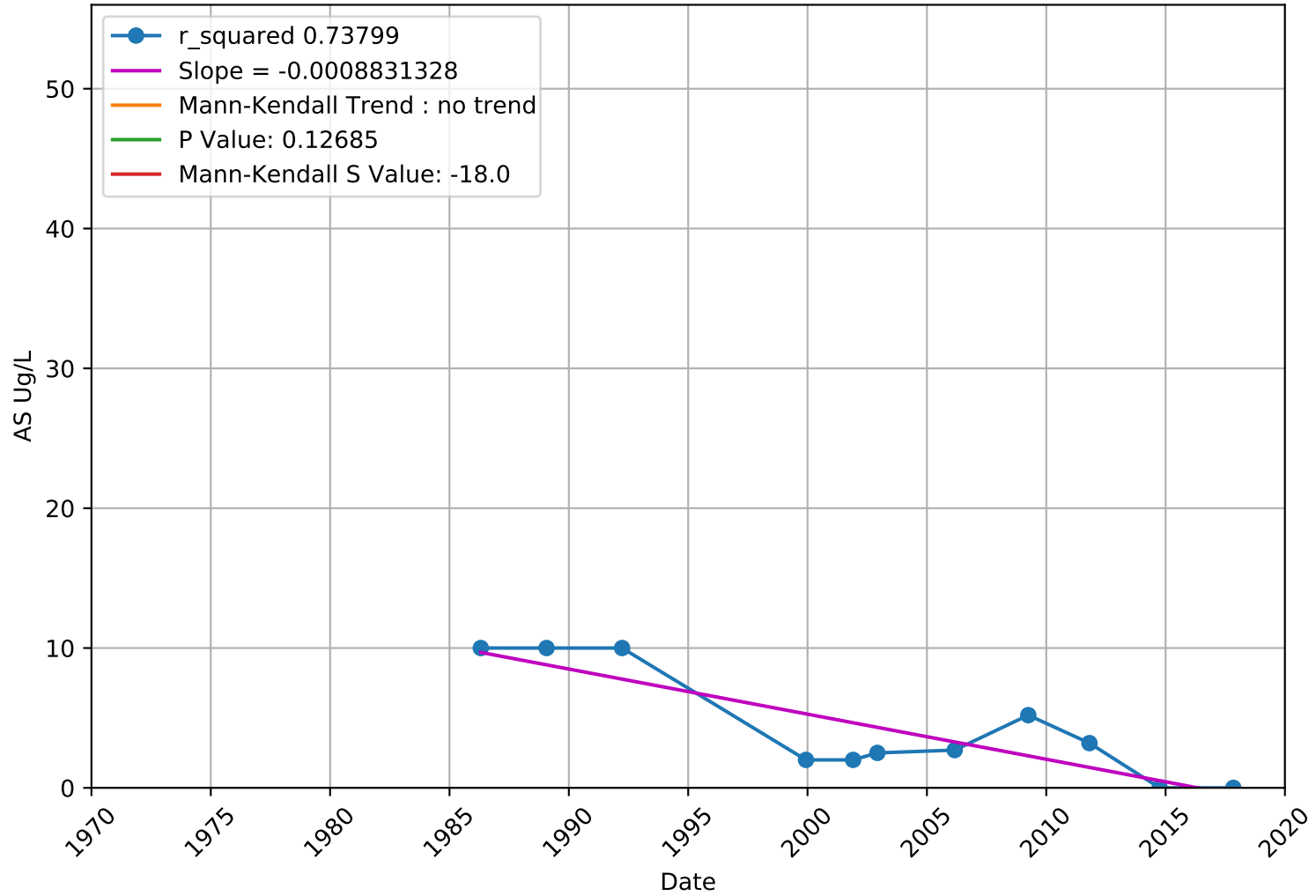
Arsenic

3910015-016 - Upper Aquifer



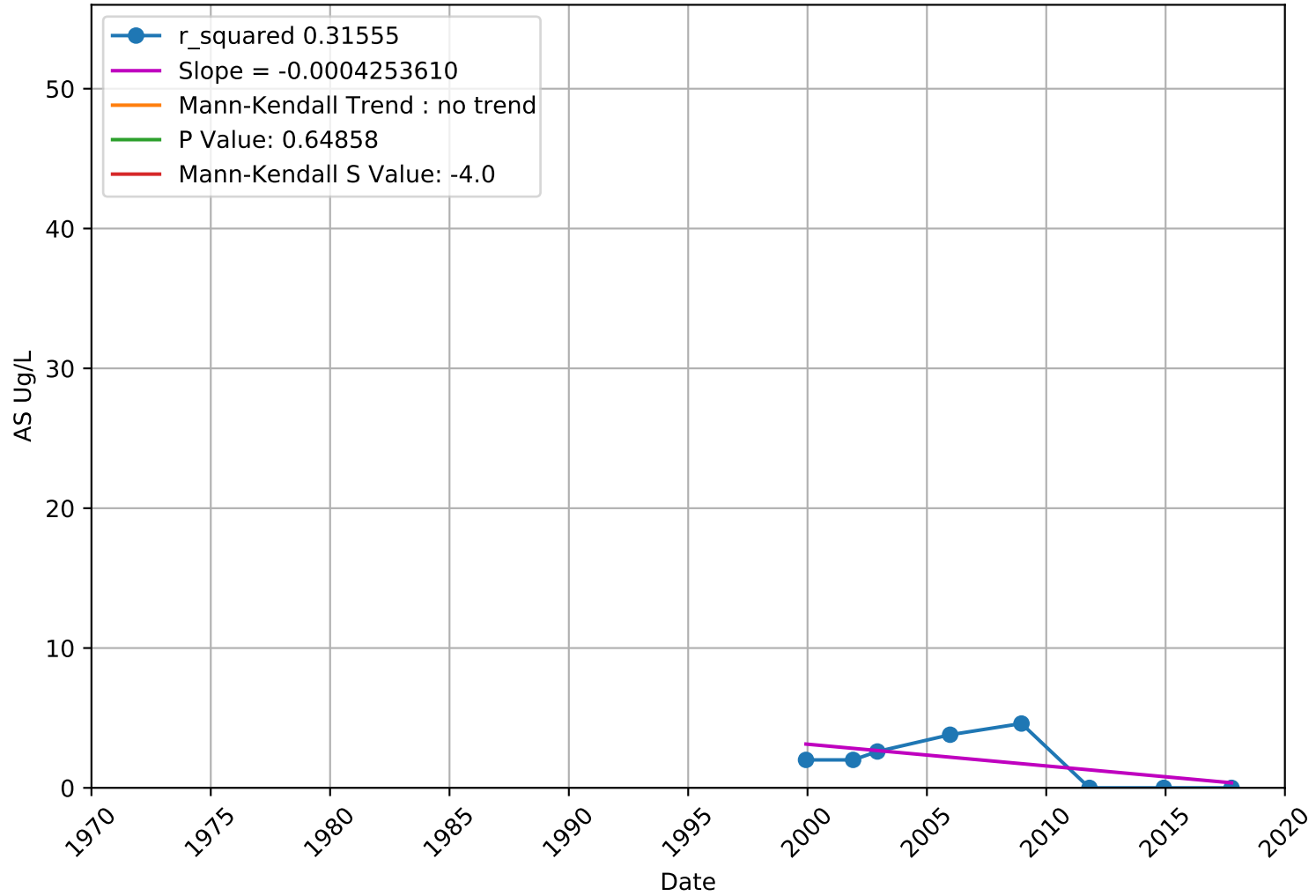
Arsenic

3910018-001 - Unknown Aquifer



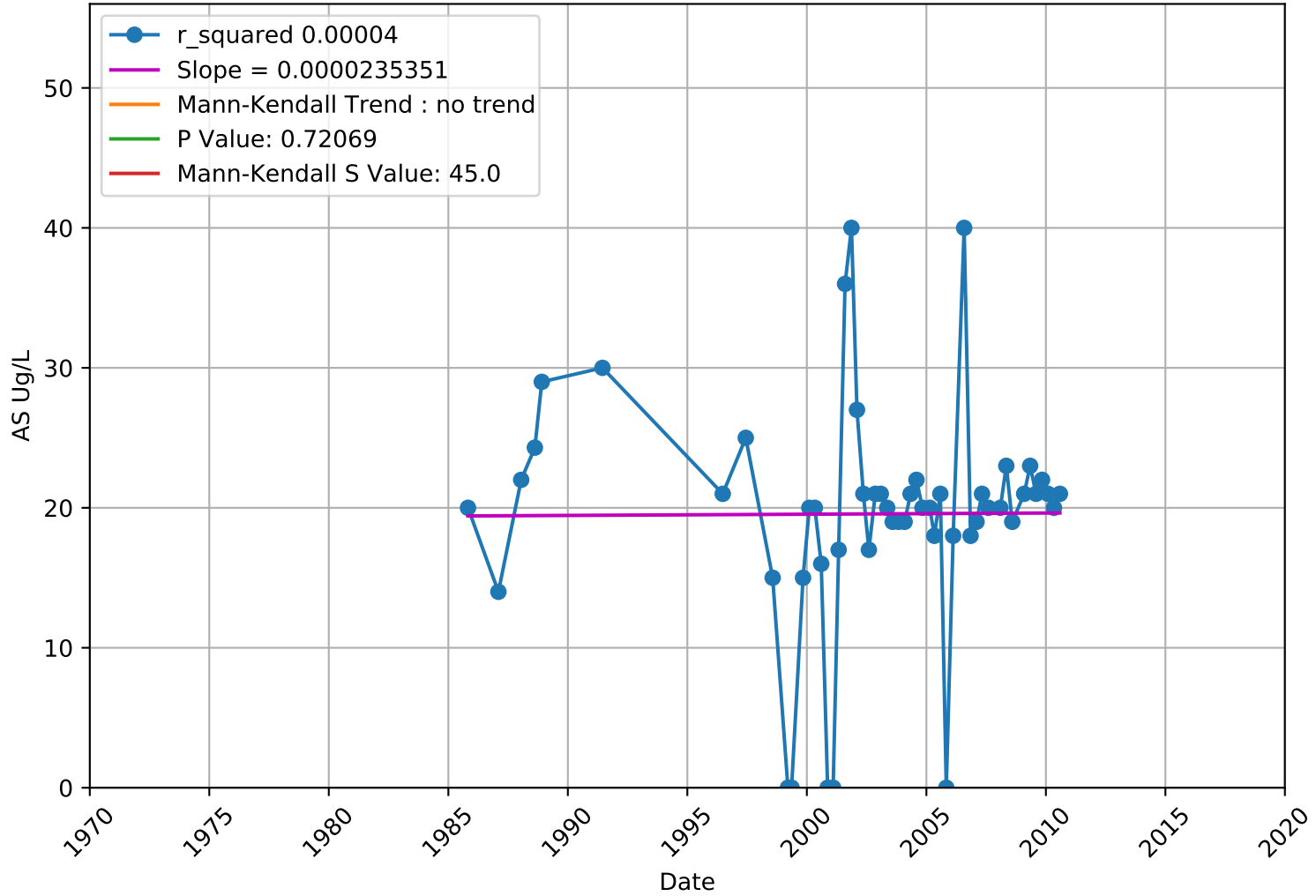
Arsenic

3910018-004 - Unknown Aquifer



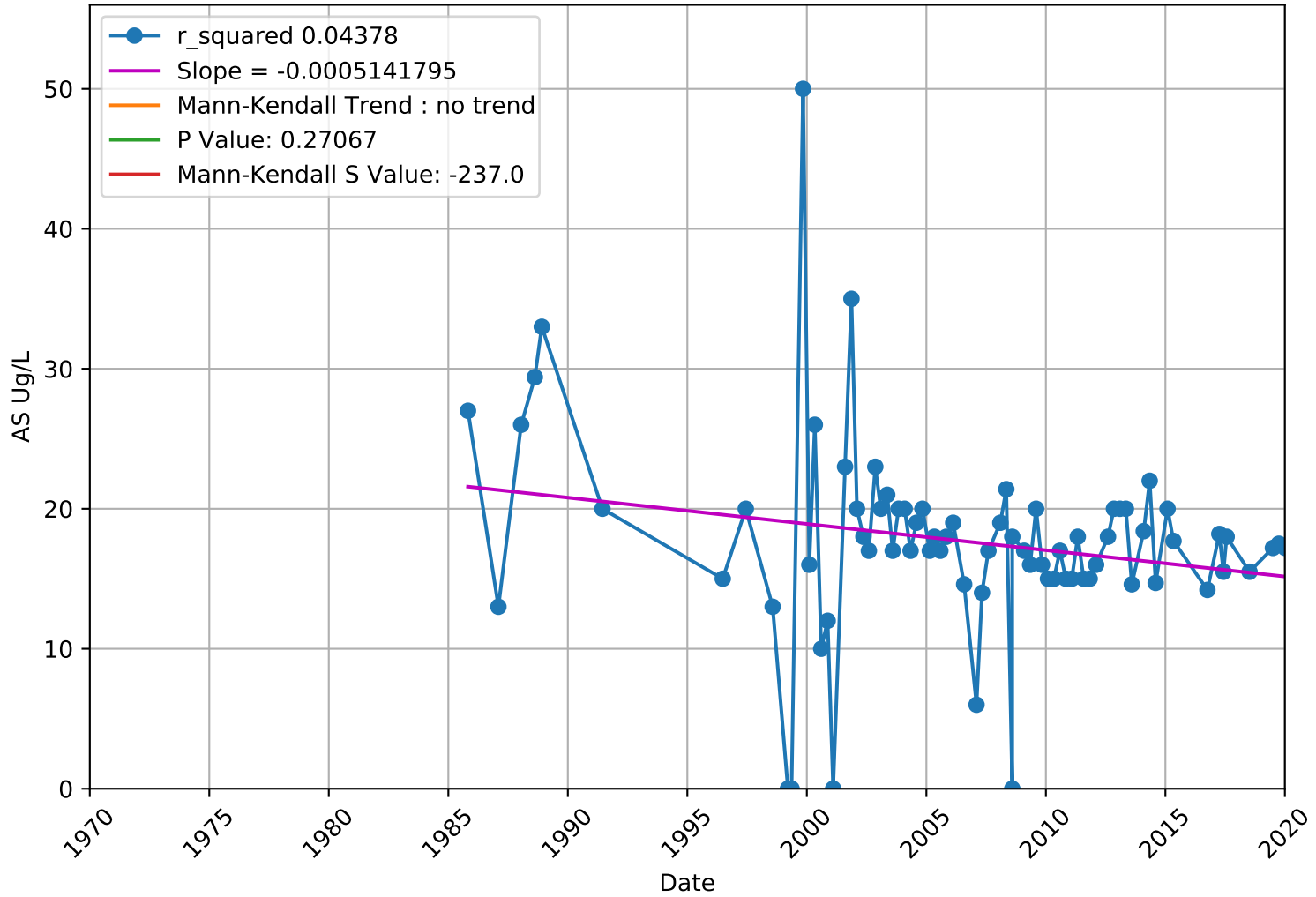
Arsenic

3910701-001 - Unknown Aquifer



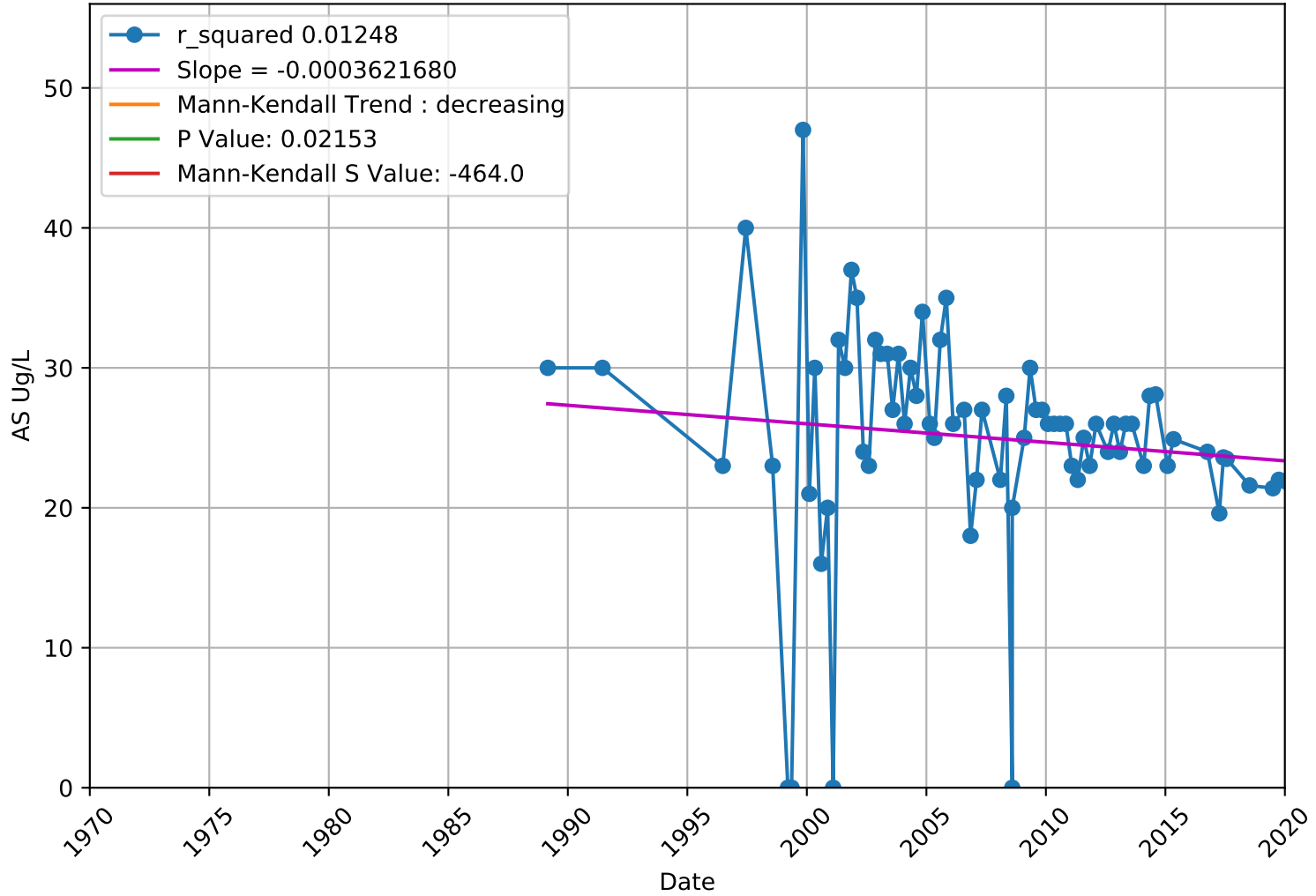
Arsenic

3910701-003 - Unknown Aquifer



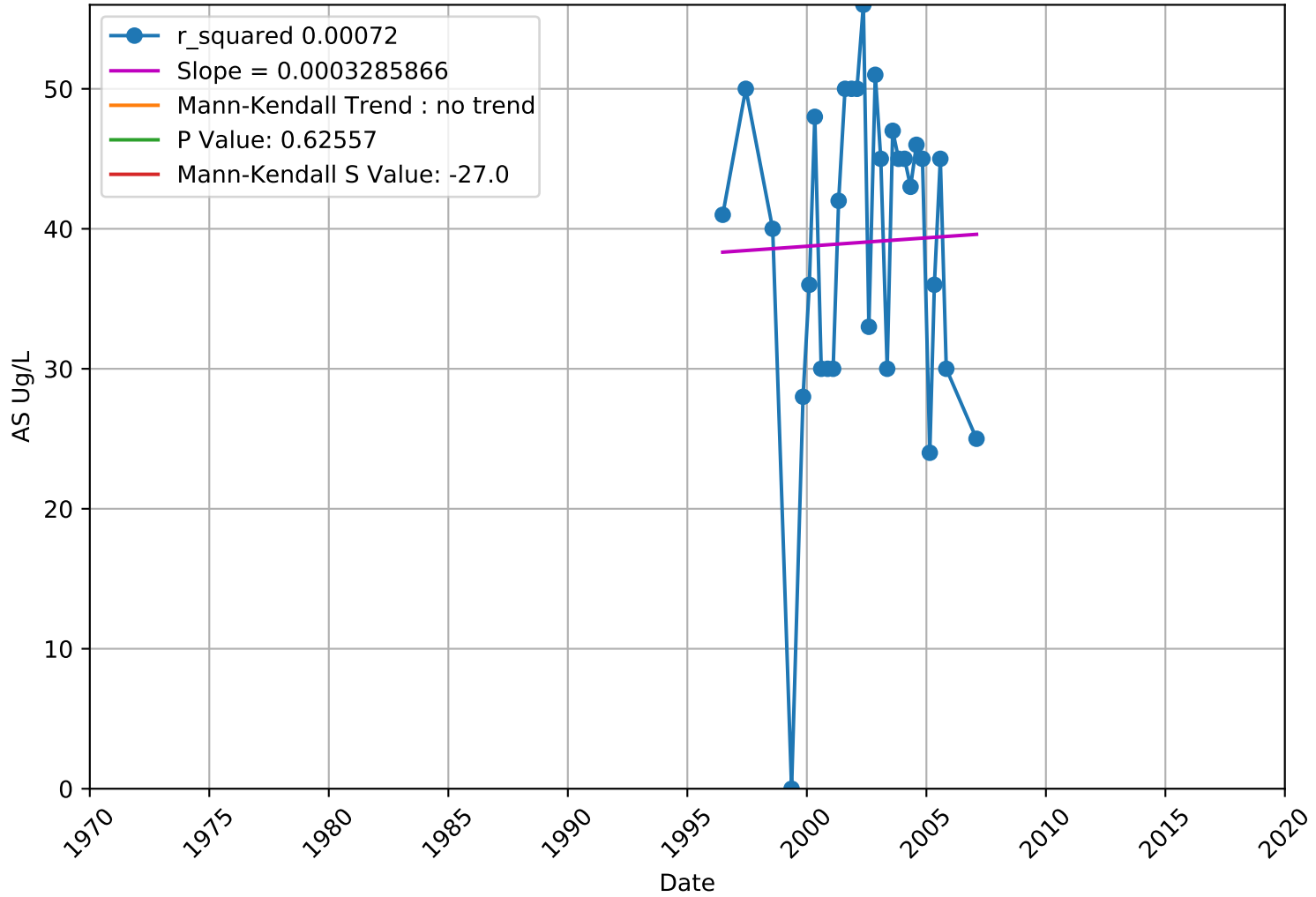
Arsenic

3910701-005 - Unknown Aquifer



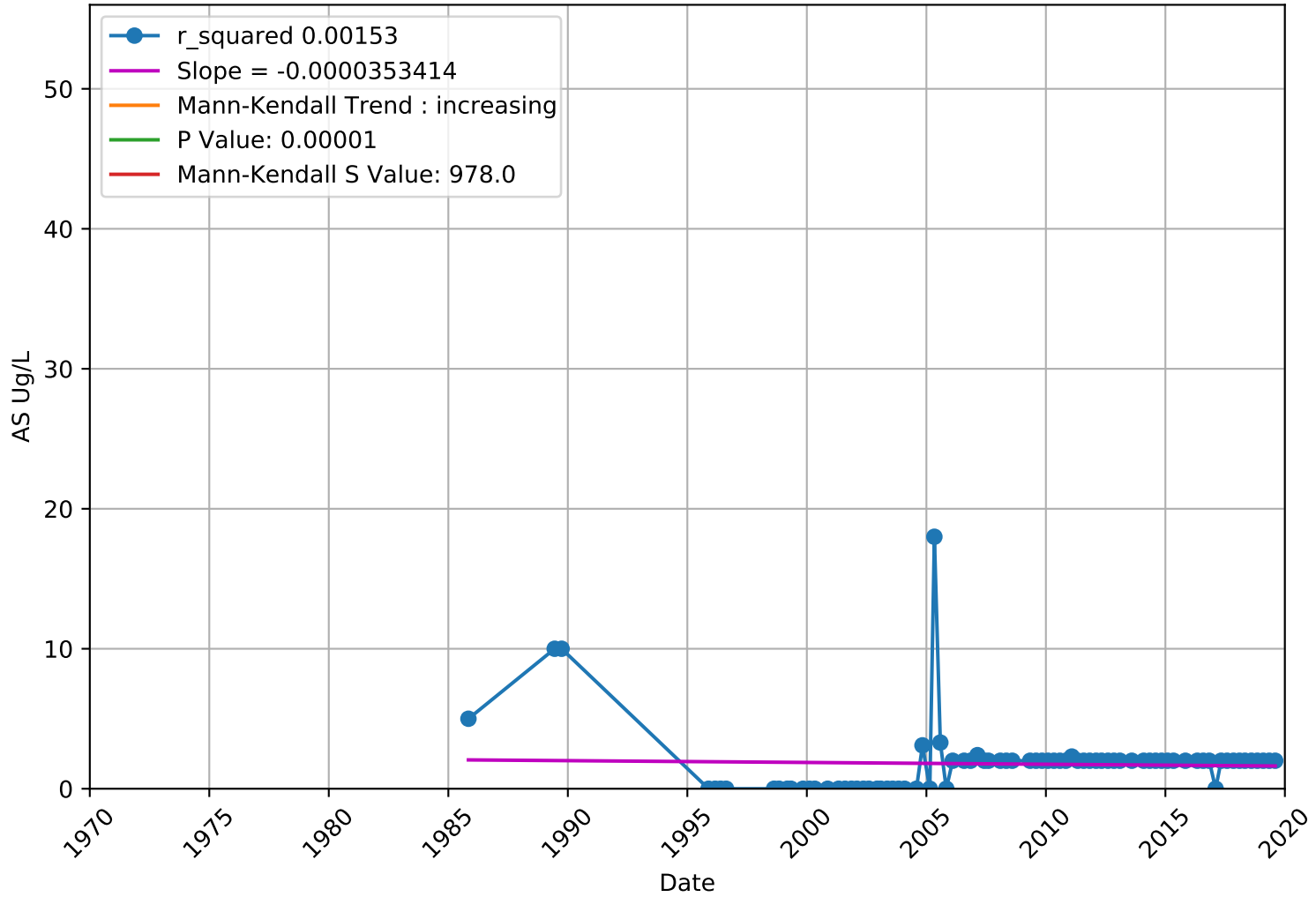
Arsenic

3910701-007 - Unknown Aquifer



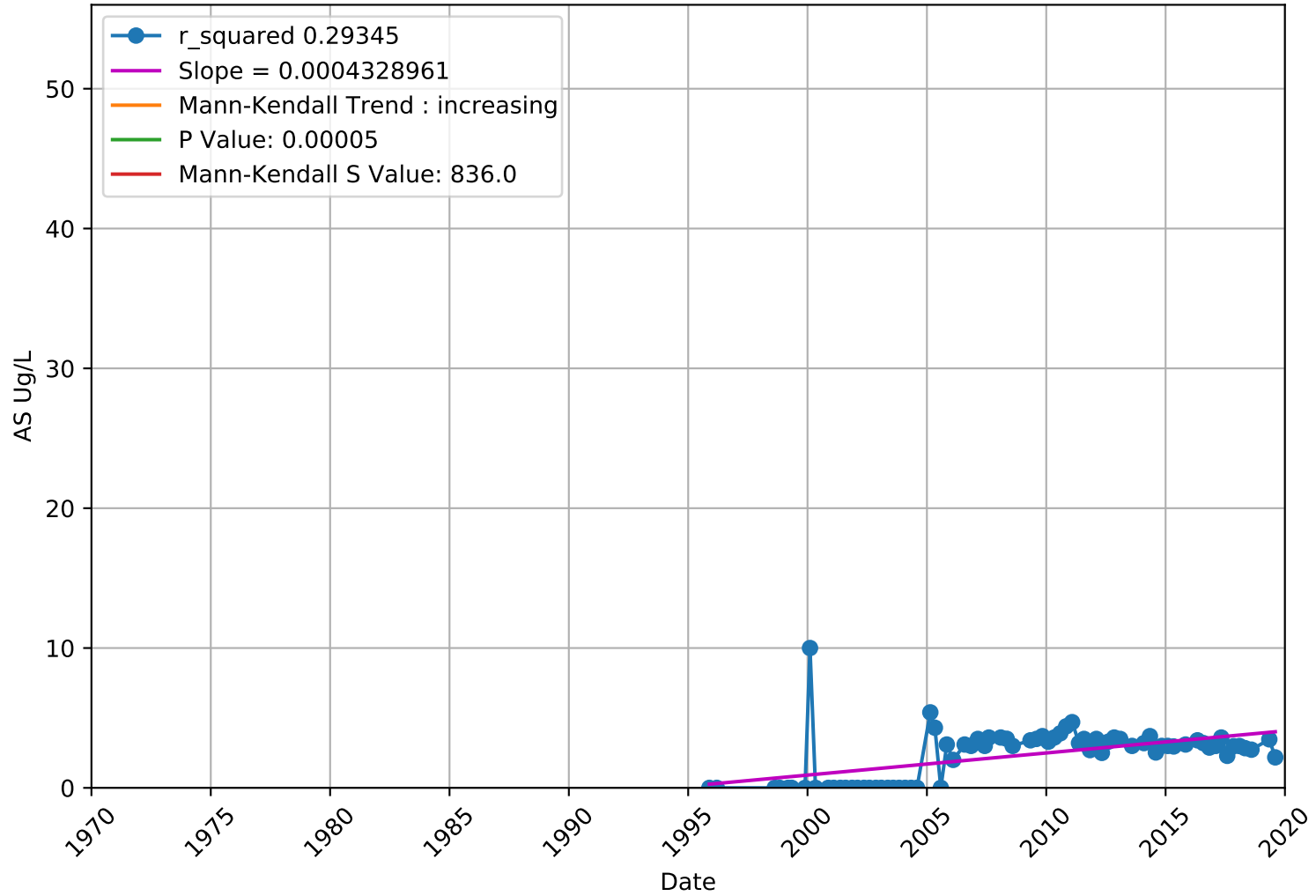
Arsenic

3910702-003 - Unknown Aquifer



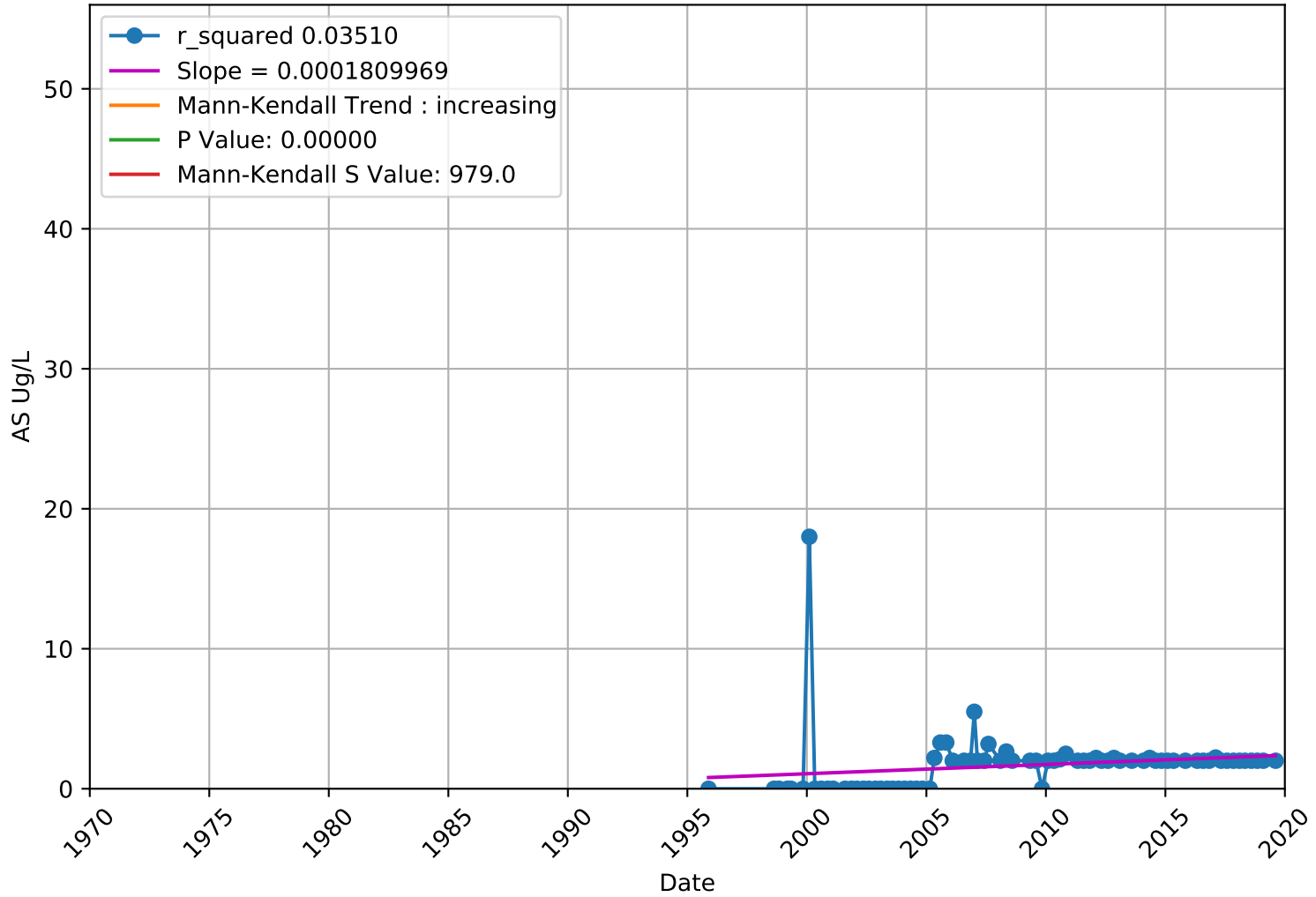
Arsenic

3910702-005 - Unknown Aquifer



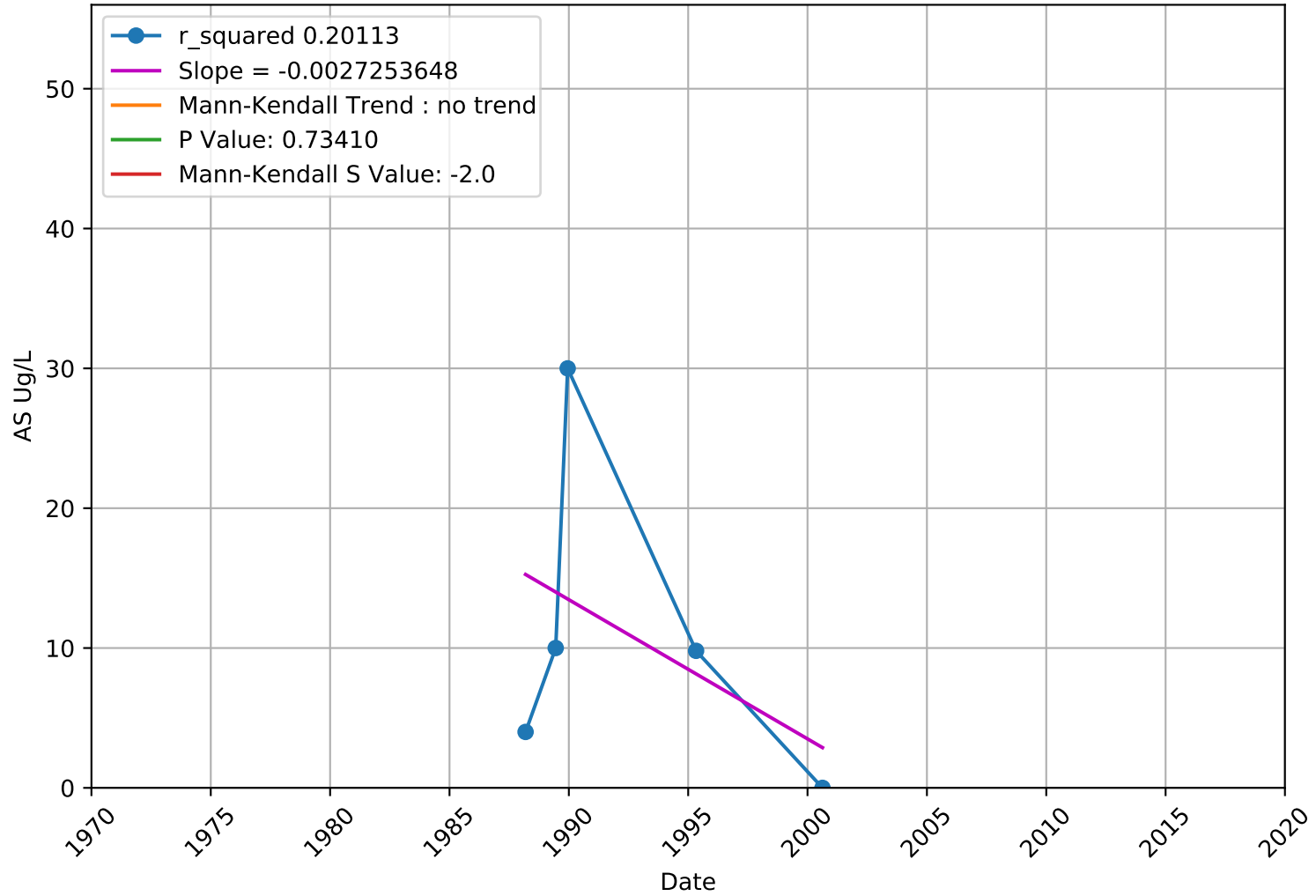
Arsenic

3910702-006 - Unknown Aquifer



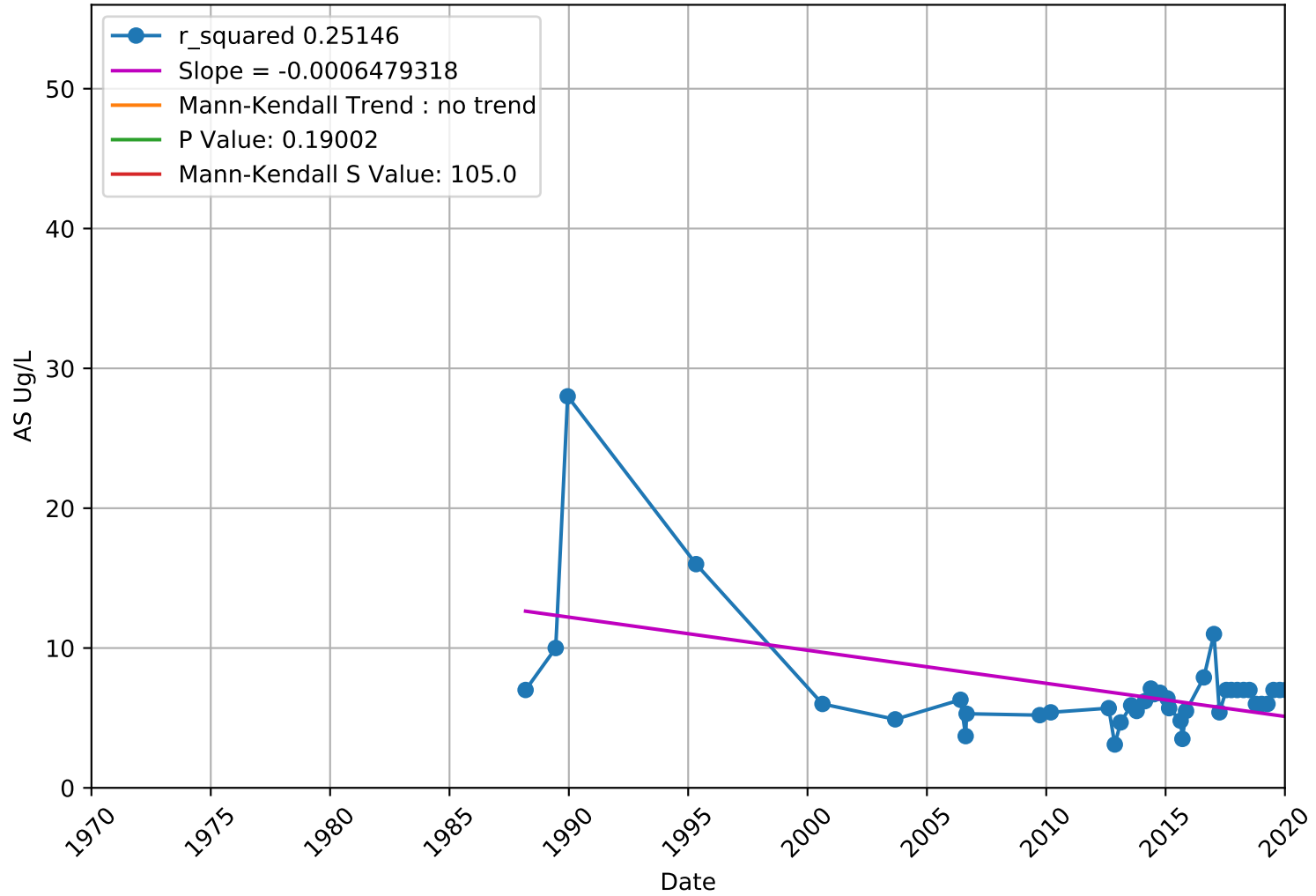
Arsenic

3910800-001 - Unknown Aquifer



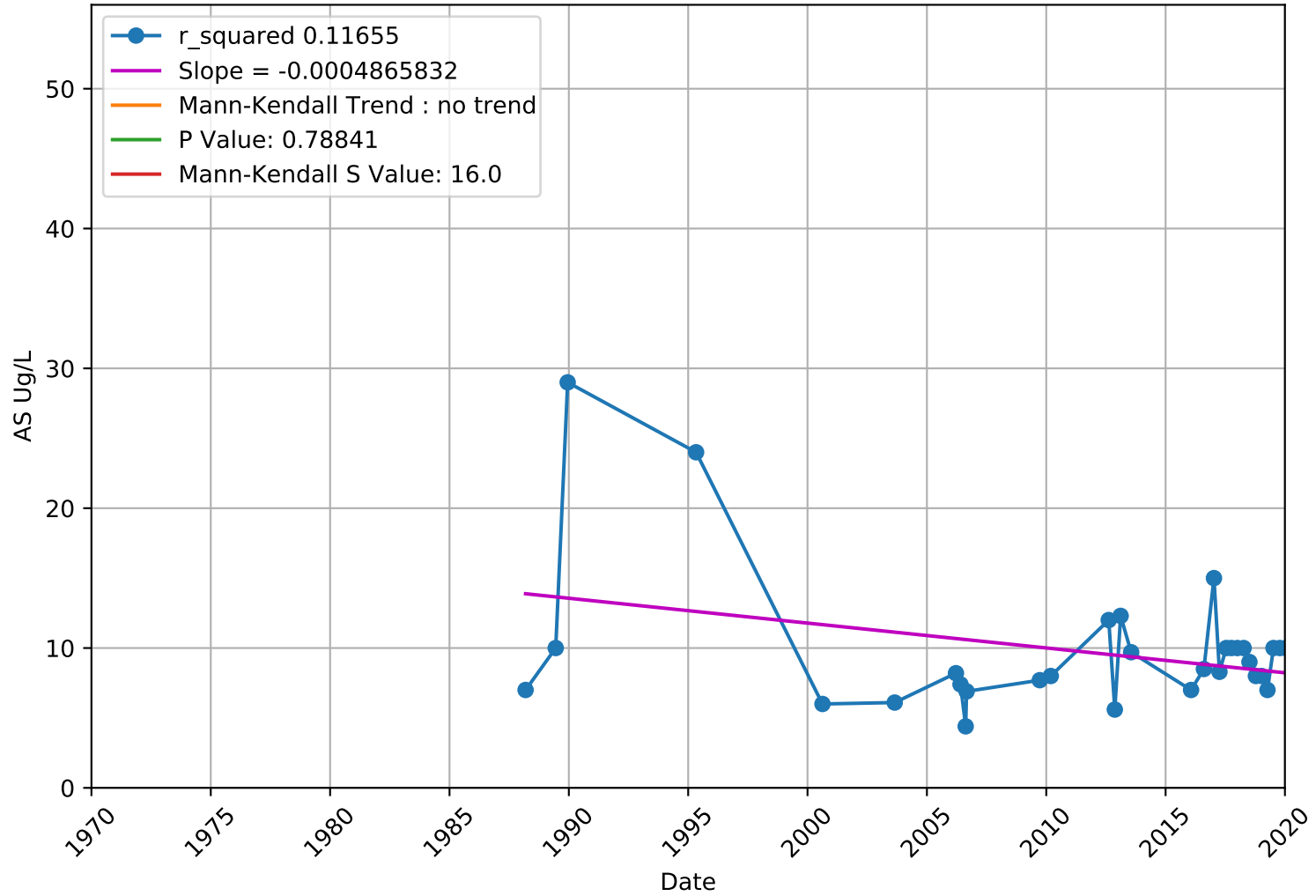
Arsenic

3910800-002 - Unknown Aquifer



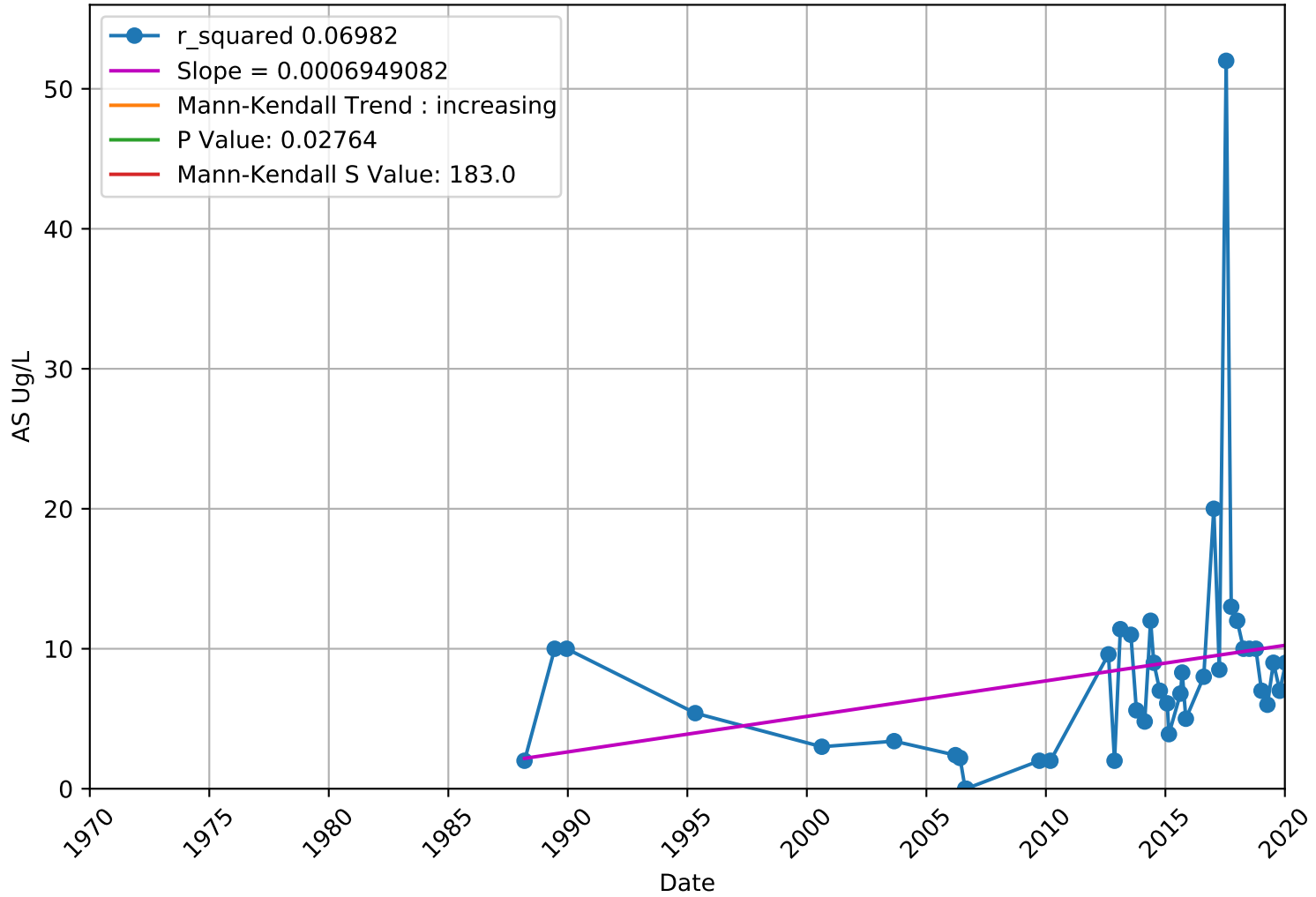
Arsenic

3910800-003 - Unknown Aquifer



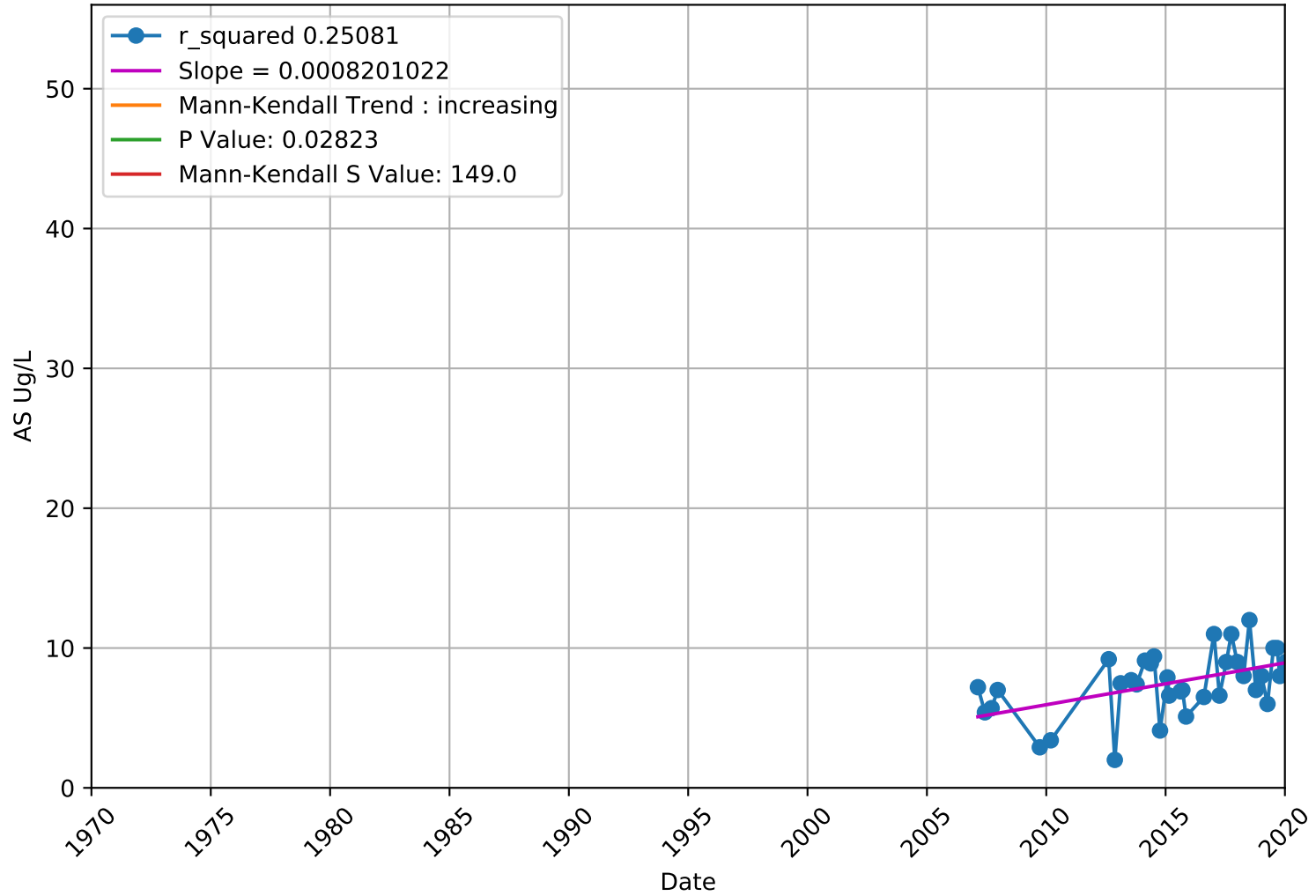
Arsenic

3910800-004 - Unknown Aquifer



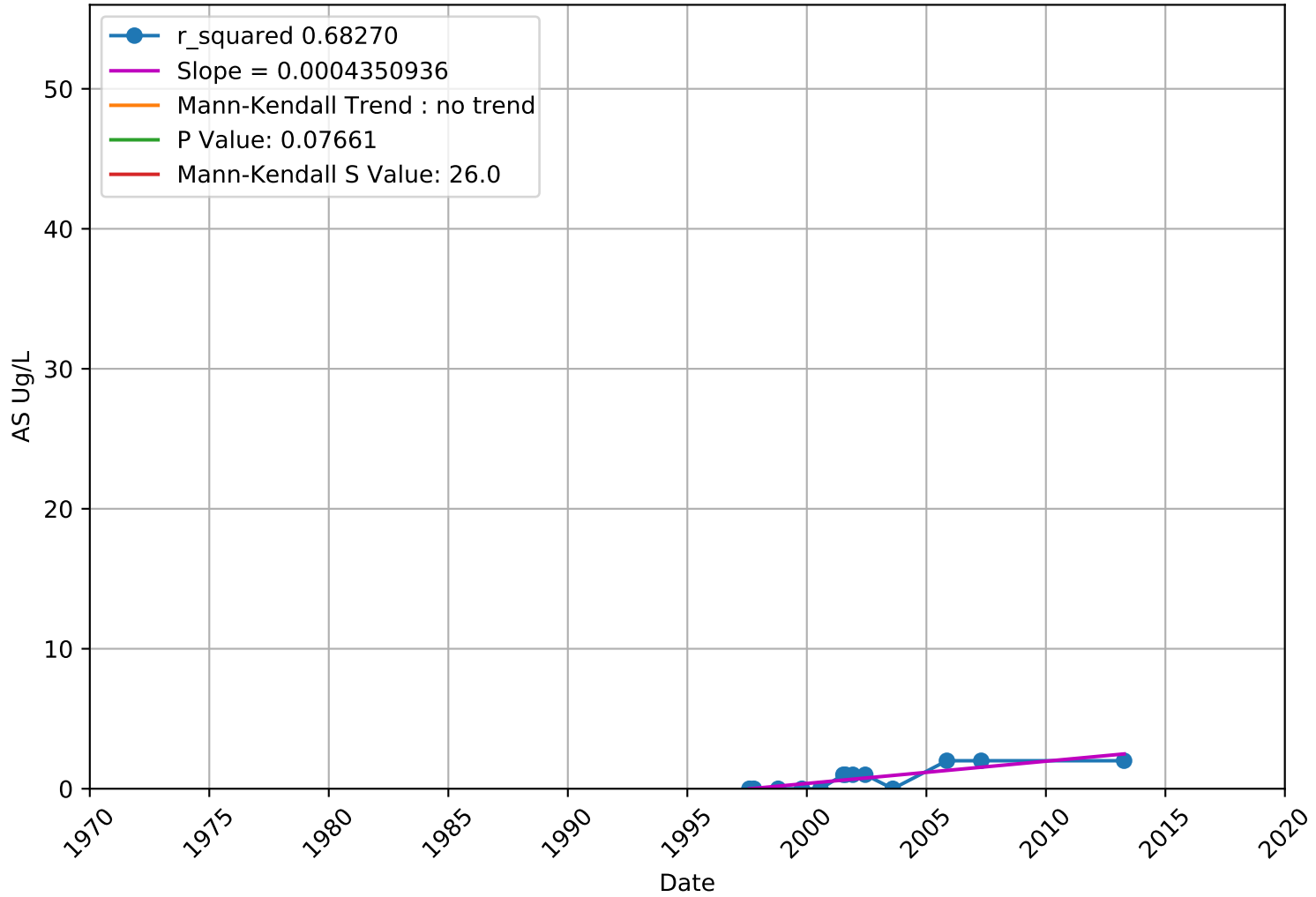
Arsenic

3910800-006 - Unknown Aquifer



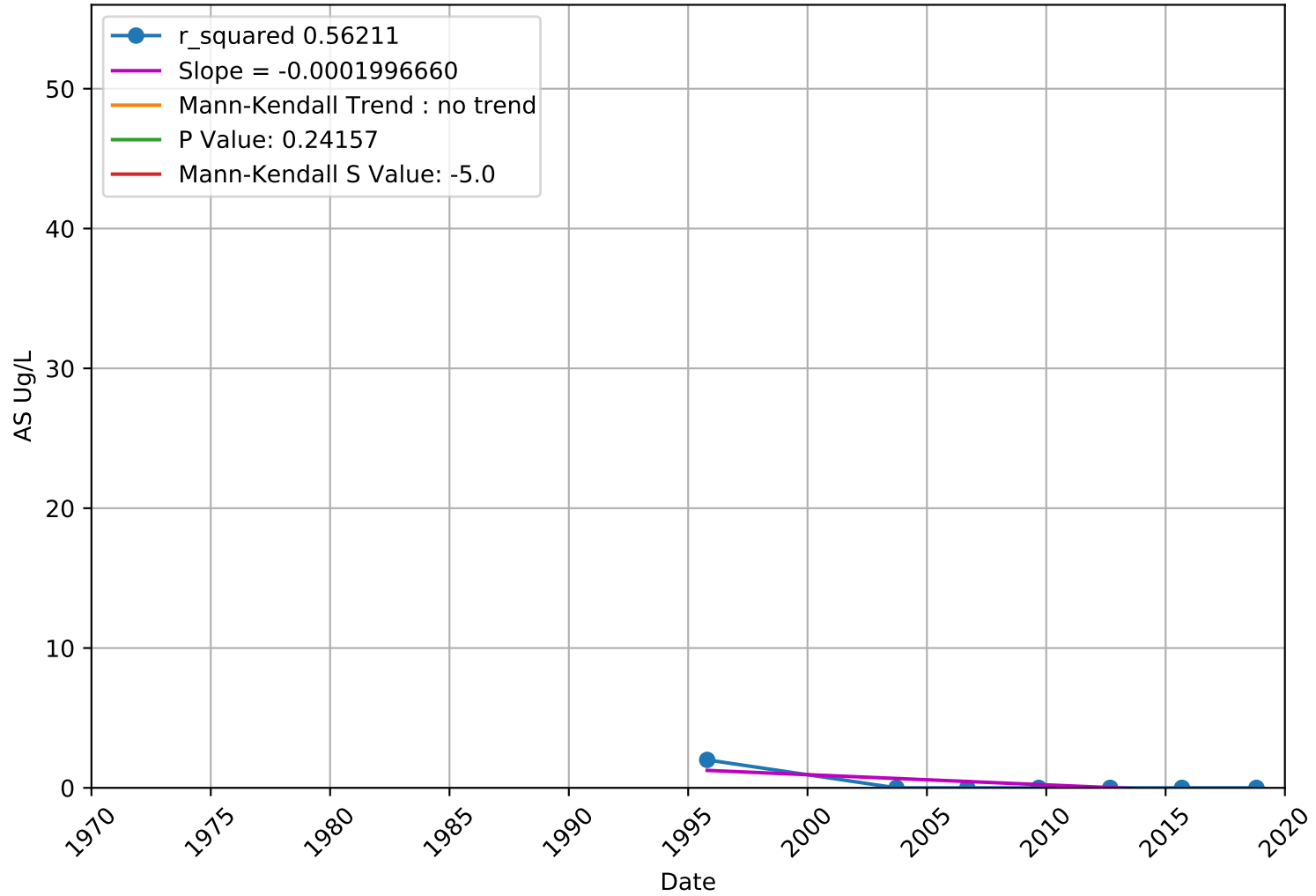
Arsenic

4110013-014 - Unknown Aquifer



Arsenic

4300611-002 - Unknown Aquifer

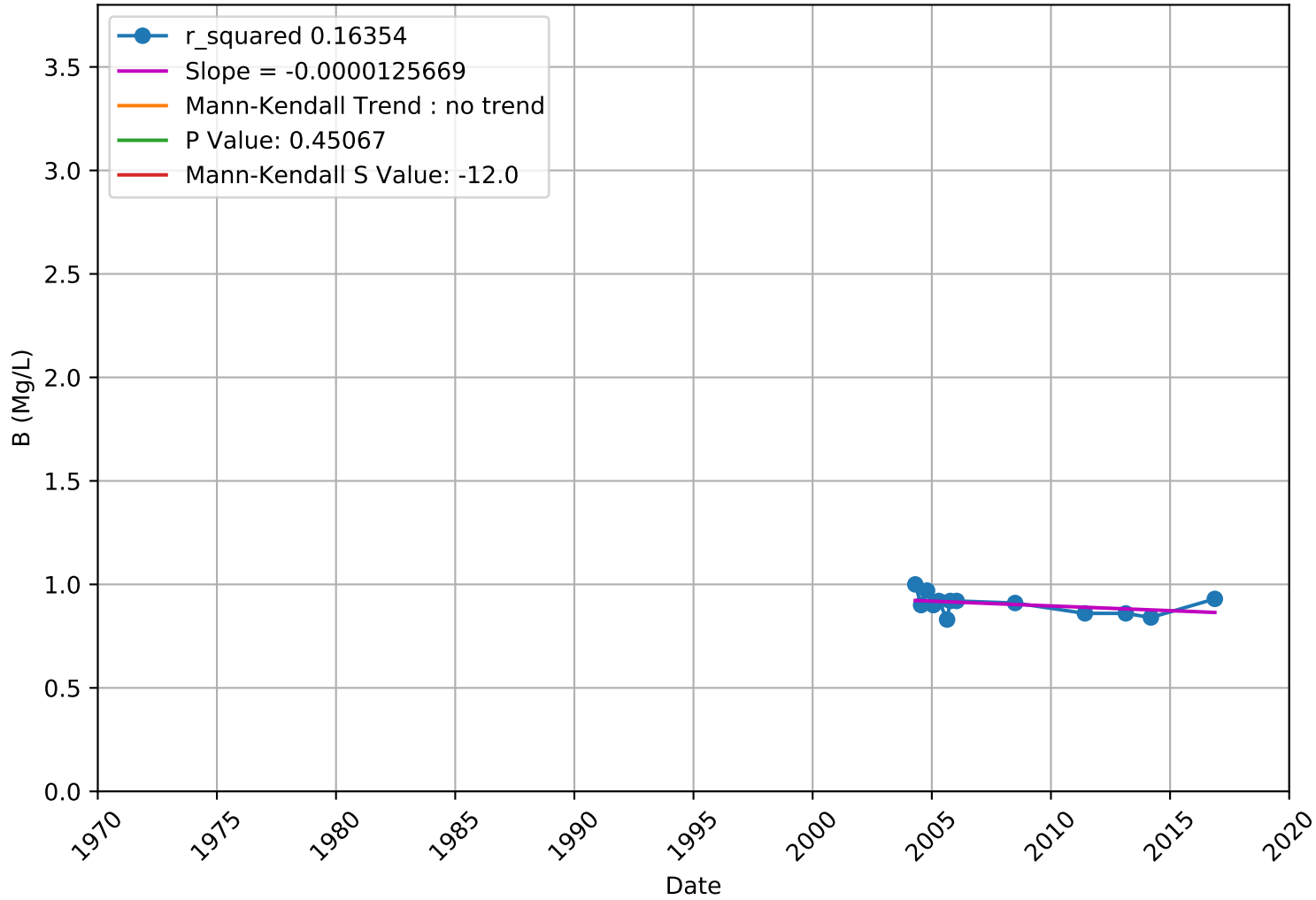


Boron

WellName	Latitude_NAD83	Longitude_NAD83	chemical	h	p	s	tau	trend	var_s	z	PRINCIPAL_AQUIFER
3910011-010	37.736372	-121.435351	B	FALSE	0.585	-8	-0.145	no trend	164	-0.547	Unknown
3910702-003	37.705557	-121.39764	B	FALSE	0.175	263	0.112	no trend	37272.33	1.357	Unknown
3910701-003	37.85144	-121.2682	B	TRUE	0.001	459	0.309	increasing	18975	3.325	Unknown
3910701-001	37.849584	-121.268763	B	TRUE	0.004	267	0.31	increasing	8514.333	2.883	Unknown
3910018-001	37.679751	-121.272617	B	FALSE	0.308	4	0.667	no trend	8.667	1.019	Unknown
3910015-005	37.816859	-121.266705	B	FALSE	0.454	7	0.25	no trend	64.333	0.748	Upper
3910011-003	37.683959	-121.439427	B	FALSE	0.484	-29	-0.105	no trend	1598.333	-0.7	Lower
3910800-002	37.744188	-121.32701	B	FALSE	0.308	-4	-0.667	no trend	8.667	-1.019	Unknown
3910800-003	37.74545	-121.32897	B	FALSE	0.308	-4	-0.667	no trend	8.667	-1.019	Unknown
3910800-004	37.74591	-121.336213	B	FALSE	0.308	-4	-0.667	no trend	8.667	-1.019	Unknown
3910701-005	37.851301	-121.2673	B	FALSE	0.534	89	0.058	no trend	20019	0.622	Unknown
3910011-004	37.682308	-121.436988	B	FALSE	0.095	-52	-0.274	no trend	933.333	-1.669	Lower
3910011-006	37.686539	-121.443515	B	FALSE	0.843	-8	-0.035	no trend	1252.667	-0.198	Lower
3910011-005	37.683353	-121.443313	B	TRUE	0.043	103	0.272	increasing	2533	2.027	Lower
3910015-006	37.818884	-121.266416	B	FALSE	0.395	9	0.25	no trend	88.333	0.851	Upper
3910015-007	37.811547	-121.263915	B	FALSE	0.578	-7	-0.156	no trend	116.333	-0.556	Upper
3910015-008	37.801132	-121.262514	B	FALSE	0.063	18	0.5	no trend	83.333	1.862	Upper
3910011-018	37.743262	-121.424805	B	FALSE	0.716	14	0.051	no trend	1279.333	0.363	Lower
3910018-004	37.679705	-121.272761	B	FALSE	1	1	0.167	no trend	7.667	0	Unknown
3910701-007	37.851431	-121.265247	B	FALSE	0.156	69	0.197	no trend	2299	1.418	Unknown
3910702-006	37.709972	-121.390802	B	FALSE	0.551	116	0.049	no trend	37275.33	0.596	Unknown
3910702-005	37.708149	-121.393881	B	FALSE	0.33	185	0.081	no trend	35687.67	0.974	Unknown
4110013-014	37.7	-121.466667	B	FALSE	1	1	0.022	no trend	116.333	0	Unknown
3910011-030	37.740208	-121.439285	B	FALSE	0.051	-89	-0.274	no trend	2041.667	-1.948	Lower
3901348-002	37.702894	-121.406986	B	FALSE	0.794	2	0.2	no trend	14.667	0.261	Unknown
3900713-001	37.84	-121.44	B	FALSE	0.523	-7	-0.194	no trend	88.333	-0.638	Unknown
3901172-002	37.636324	-121.399544	B	FALSE	1	1	0.1	no trend	15.667	0	Unknown
3901172-003	37.632289	-121.39736	B	FALSE	0.566	4	0.267	no trend	27.333	0.574	Unknown
3900702-001	37.990639	-121.407056	B	FALSE	1	0	0	no trend	16.667	0	Unknown
3900805-002	37.73886	-121.399853	B	FALSE	0.734	2	0.333	no trend	8.667	0.34	Unknown
3900583-001	37.84	-121.44	B	FALSE	0.13	-7	-0.7	no trend	15.667	-1.516	Unknown
3901216-002	37.74753	-121.516649	B	FALSE	0.848	-2	-0.133	no trend	27.333	-0.191	Unknown
3900558-002	37.79	-121.4	B	FALSE	0.806	-2	-0.2	no trend	16.667	-0.245	Unknown
3910011-034	37.752802	-121.434603	B	FALSE	0.722	-18	-0.051	no trend	2289.333	-0.355	Lower
3910011-032	37.754682	-121.465249	B	FALSE	0.573	-25	-0.083	no trend	1813.667	-0.564	Lower
3901348-003	37.698742	-121.409917	B	FALSE	0.368	-7	-0.333	no trend	44.333	-0.901	Unknown
3901348-004	37.698147	-121.416153	B	FALSE	0.452	-5	-0.333	no trend	28.333	-0.751	Unknown
377427N1213943W002	37.742656	-121.394318	B	FALSE	0.722	-7	-0.077	no trend	283.667	-0.356	Lower
377427N1213943W001	37.742656	-121.394318	B	FALSE	0.078	-33	-0.363	no trend	329.667	-1.762	Lower
377427N1213943W003	37.742656	-121.394318	B	FALSE	0.196	-24	-0.264	no trend	316.667	-1.292	Lower
377402N1214508W001	37.740187	-121.450762	B	FALSE	0.324	19	0.209	no trend	333.667	0.985	Lower
377143N1214459W002	37.714305	-121.445905	B	FALSE	0.741	-7	-0.077	no trend	329.667	-0.33	Lower
377143N1214459W003	37.714305	-121.445905	B	FALSE	0.158	-26	-0.286	no trend	313.333	-1.412	Lower
377402N1214508W003	37.740187	-121.450762	B	FALSE	0.296	-20	-0.22	no trend	330.667	-1.045	Lower
377402N1214508W002	37.740187	-121.450762	B	TRUE	0.016	-43	-0.473	decreasing	304.333	-2.408	Lower
377143N1214459W001	37.714305	-121.445905	B	FALSE	0.228	-23	-0.253	no trend	333.667	-1.204	Lower
377656N1214199W001	37.765631	-121.41992	B	FALSE	0.755	5	0.091	no trend	165	0.311	Lower
377656N1214199W002	37.765631	-121.41992	B	FALSE	0.917	2	0.056	no trend	92	0.104	Lower
377656N1214199W003	37.765631	-121.41992	B	FALSE	0.173	20	0.303	no trend	194	1.364	Lower
377149N1214257W003	37.714872	-121.425674	B	FALSE	0.062	-25	-0.455	no trend	165	-1.868	Lower
377149N1214257W002	37.714872	-121.425674	B	FALSE	1	-1	-0.018	no trend	165	0	Lower
377149N1214257W001	37.714872	-121.425674	B	FALSE	0.492	-11	-0.167	no trend	211.667	-0.687	Lower
377031N1214485W002	37.703055	-121.448544	B	FALSE	0.562	9	0.136	no trend	190.333	0.58	Lower
377031N1214485W001	37.703055	-121.448544	B	FALSE	0.451	-12	-0.182	no trend	212.667	-0.754	Lower
377031N1214485W003	37.703055	-121.448544	B	FALSE	1	1	0.015	no trend	203	0	Lower
USGS-374046121155401	37.6793611	-121.2650278	B	FALSE	0.944	3	0.018	no trend	817	0.07	Upper
USGS-374046121155401	37.6793611	-121.2650278	B	FALSE	1	-1	-0.006	no trend	817	0	Upper

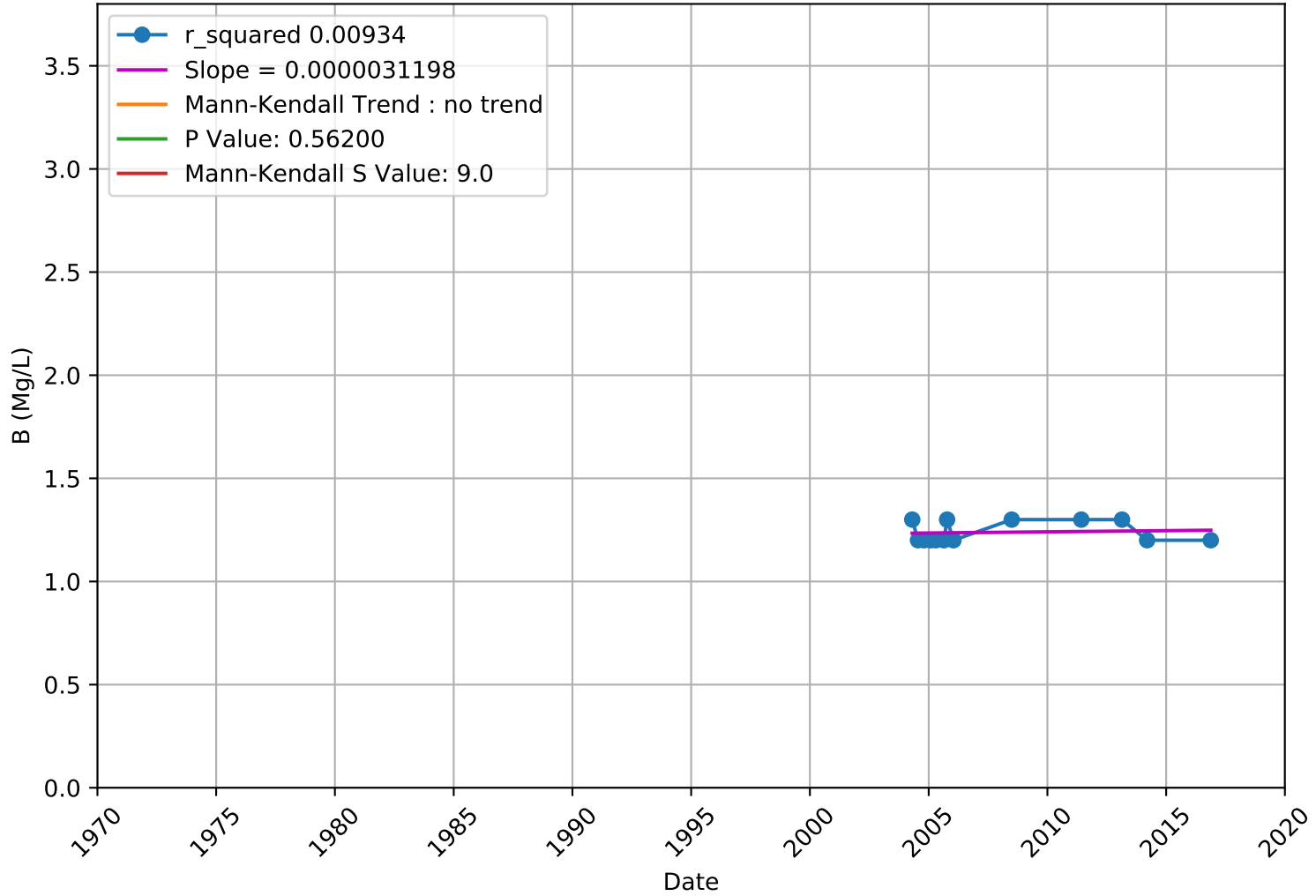
Boron

377031N1214485W001 - Lower Aquifer



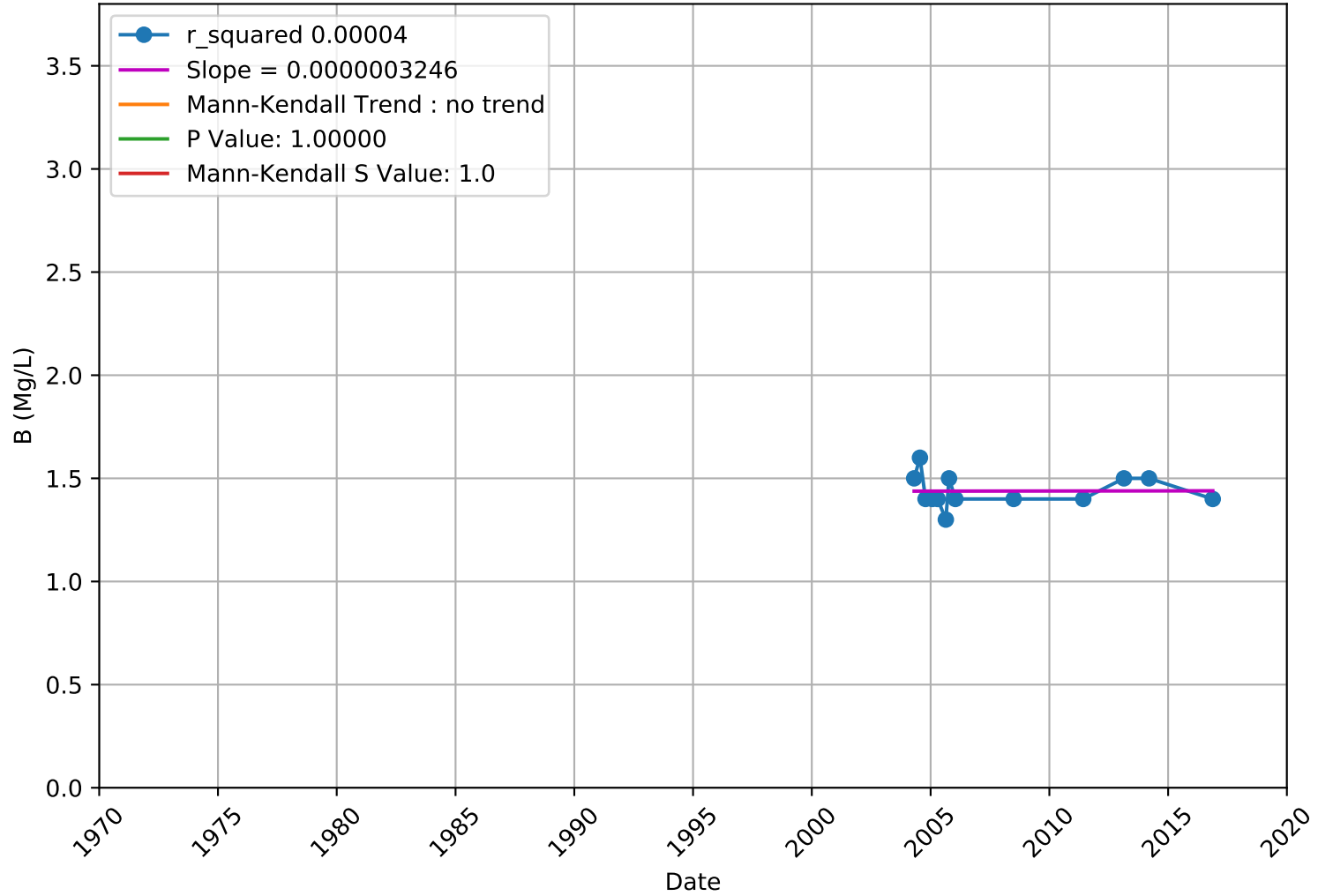
Boron

377031N1214485W002 - Lower Aquifer



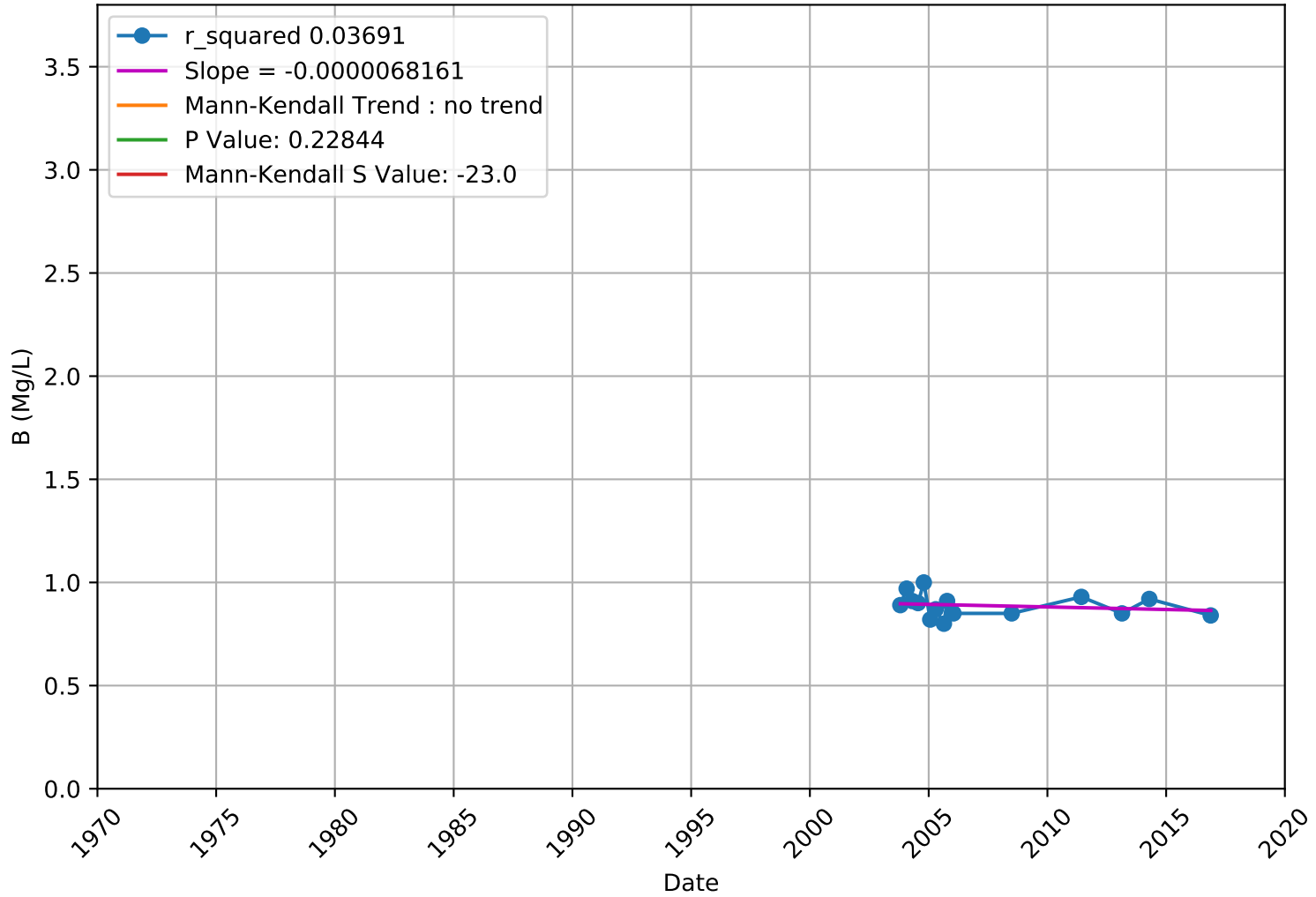
Boron

377031N1214485W003 - Lower Aquifer



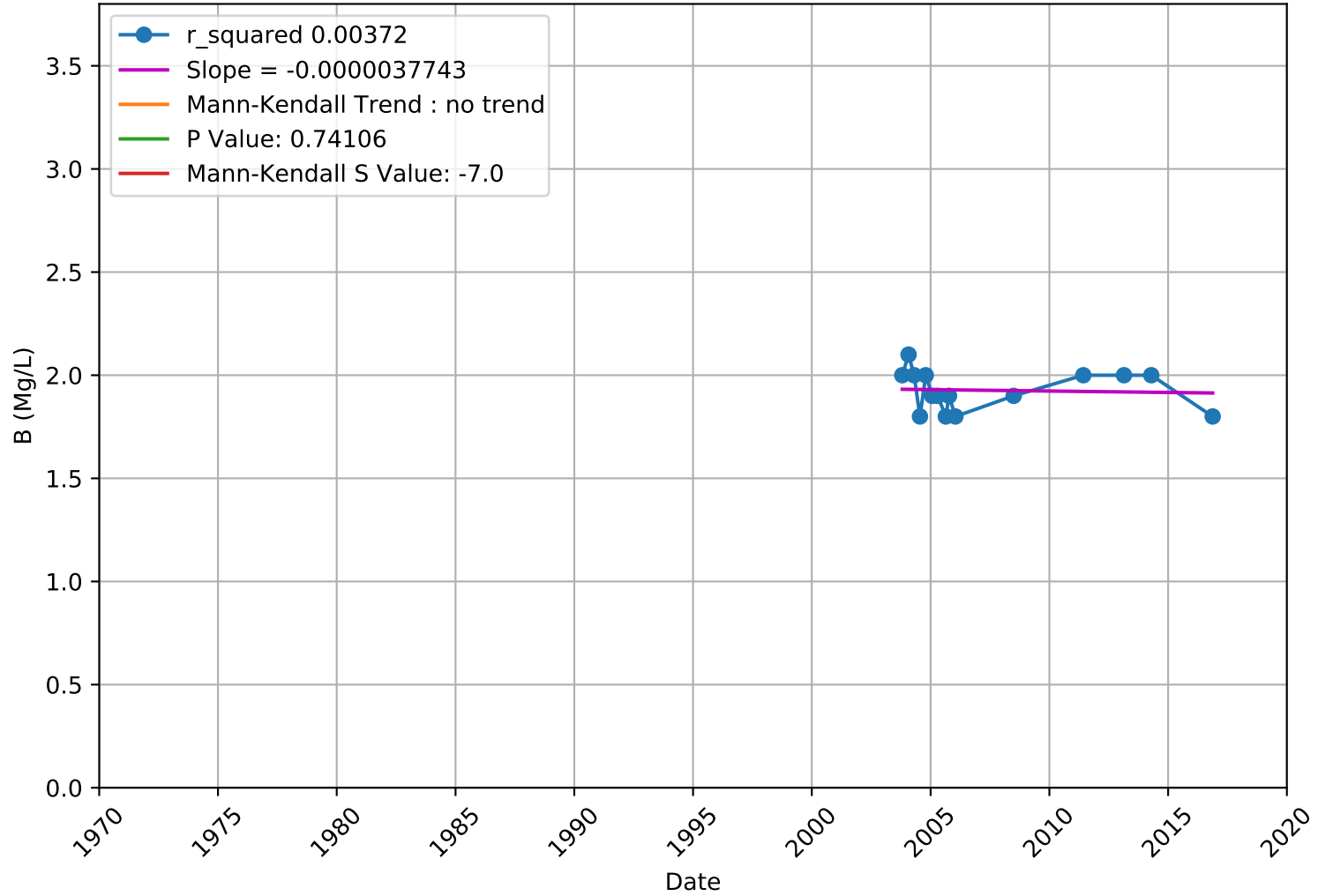
Boron

377143N1214459W001 - Lower Aquifer



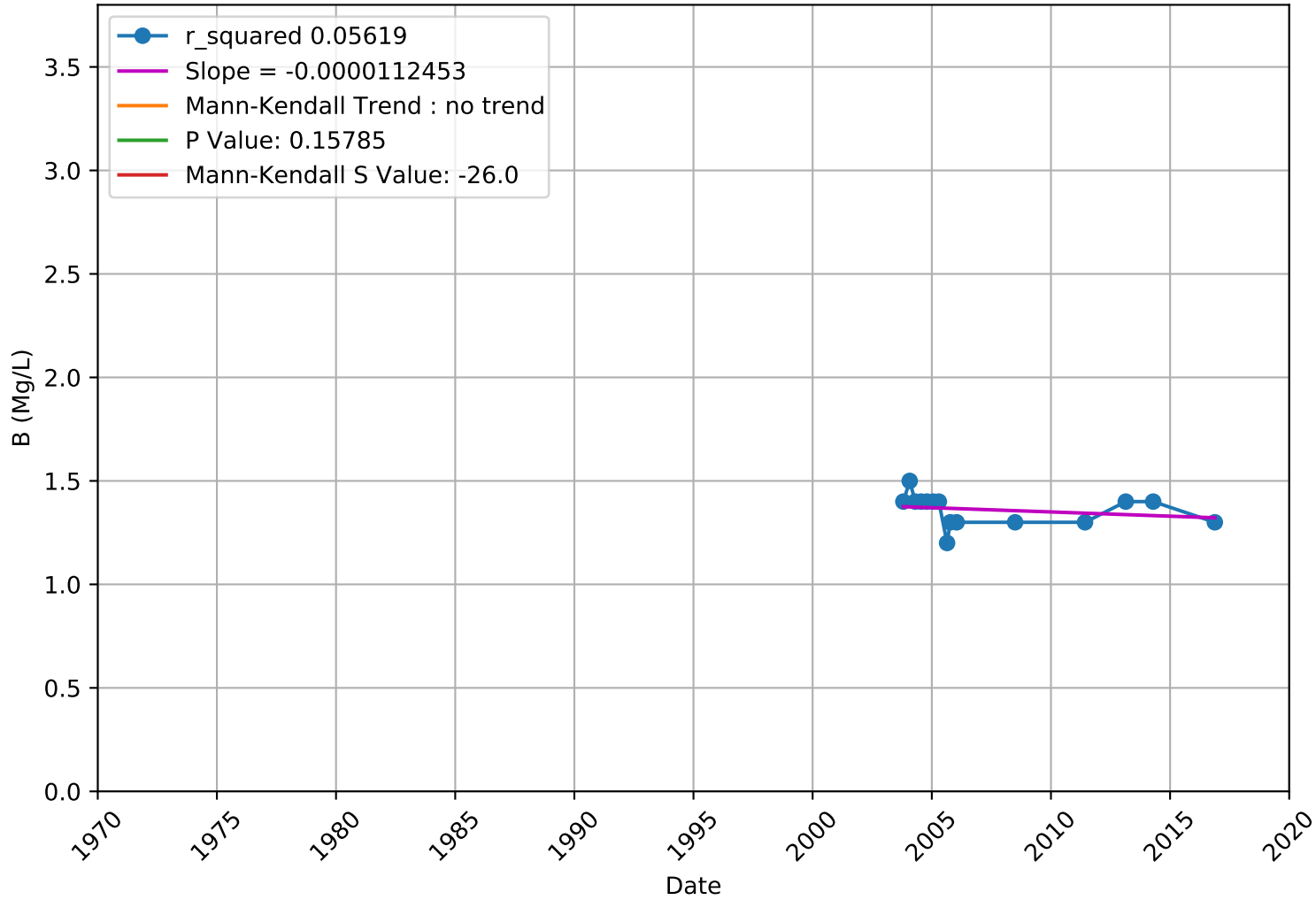
Boron

377143N1214459W002 - Lower Aquifer



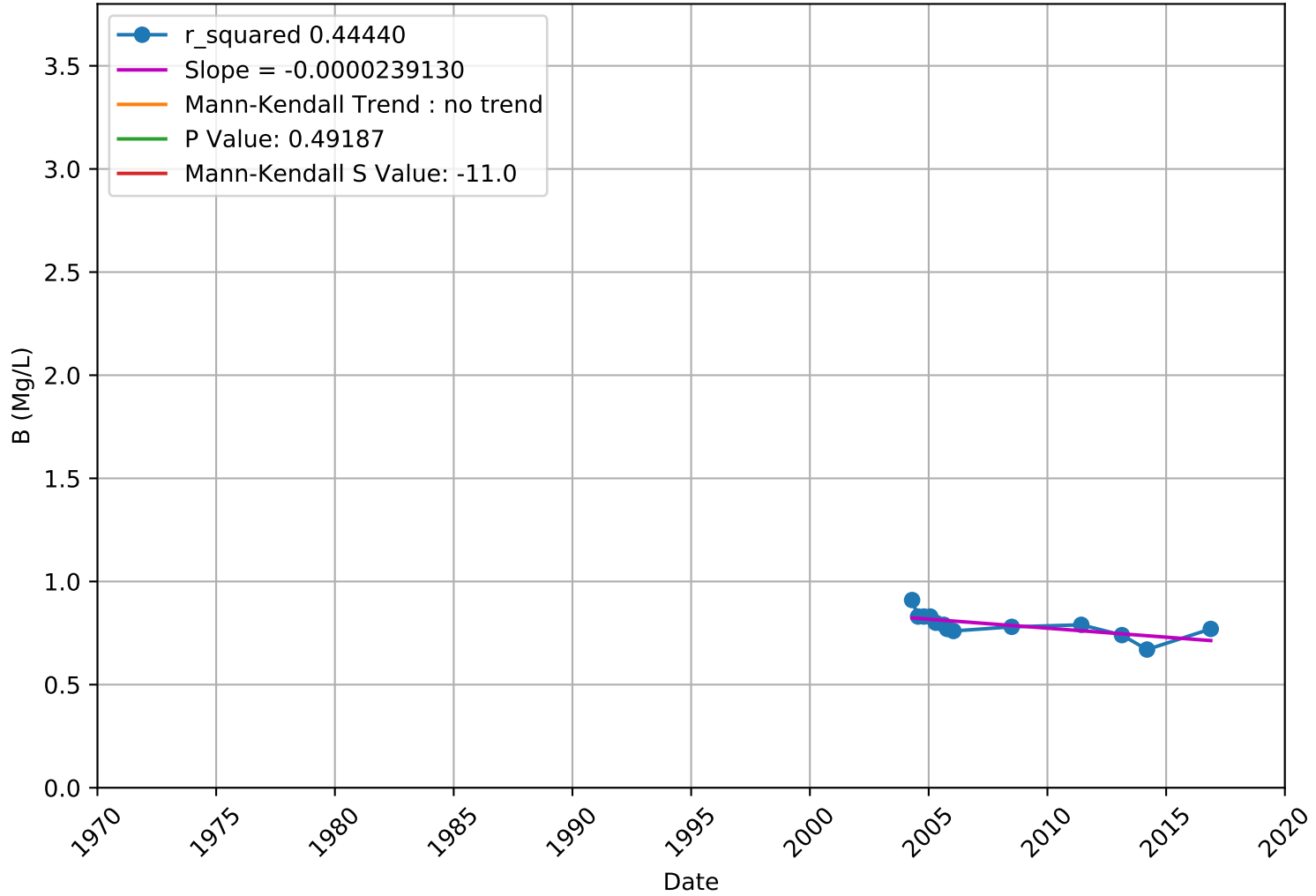
Boron

377143N1214459W003 - Lower Aquifer



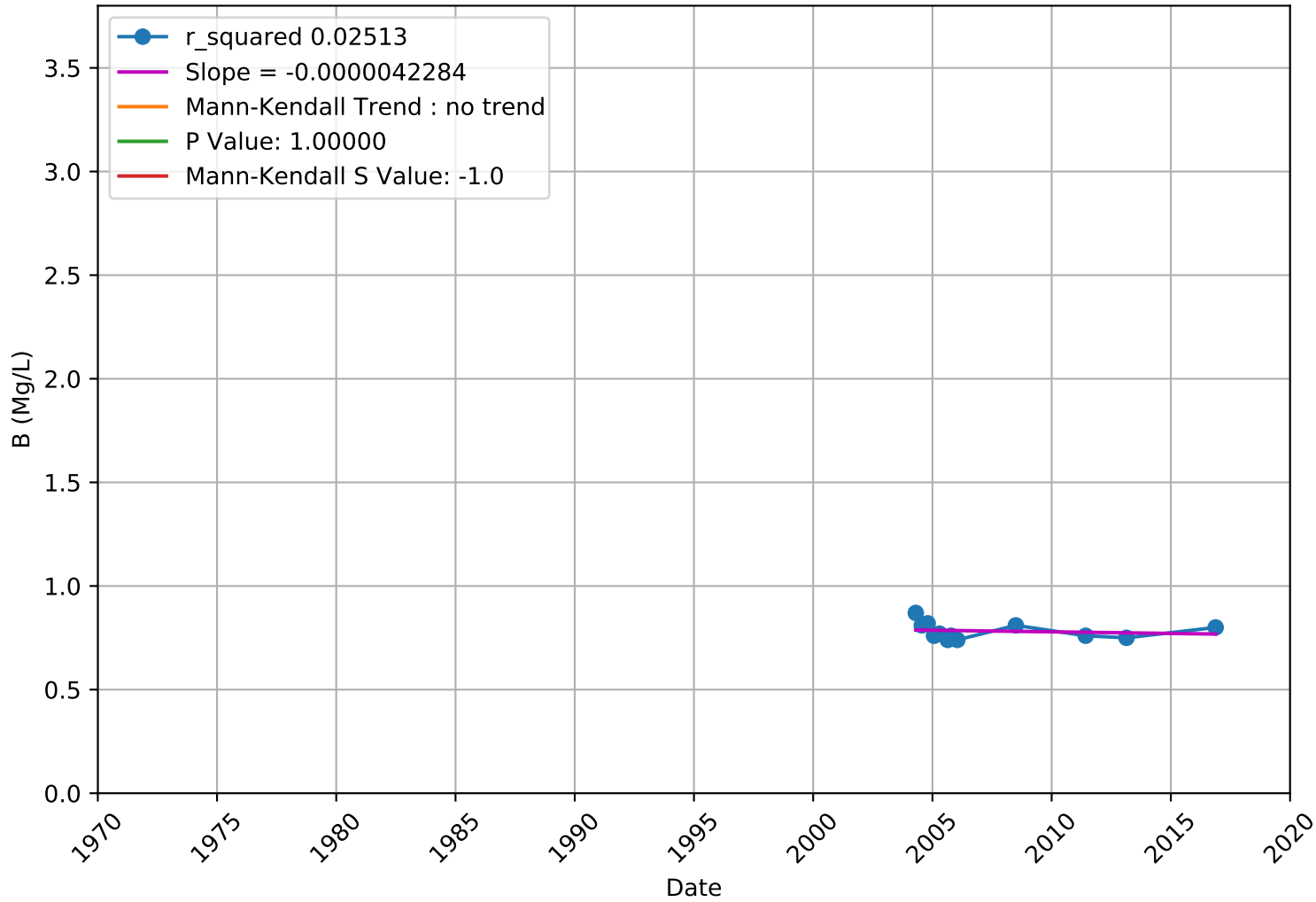
Boron

377149N1214257W001 - Lower Aquifer



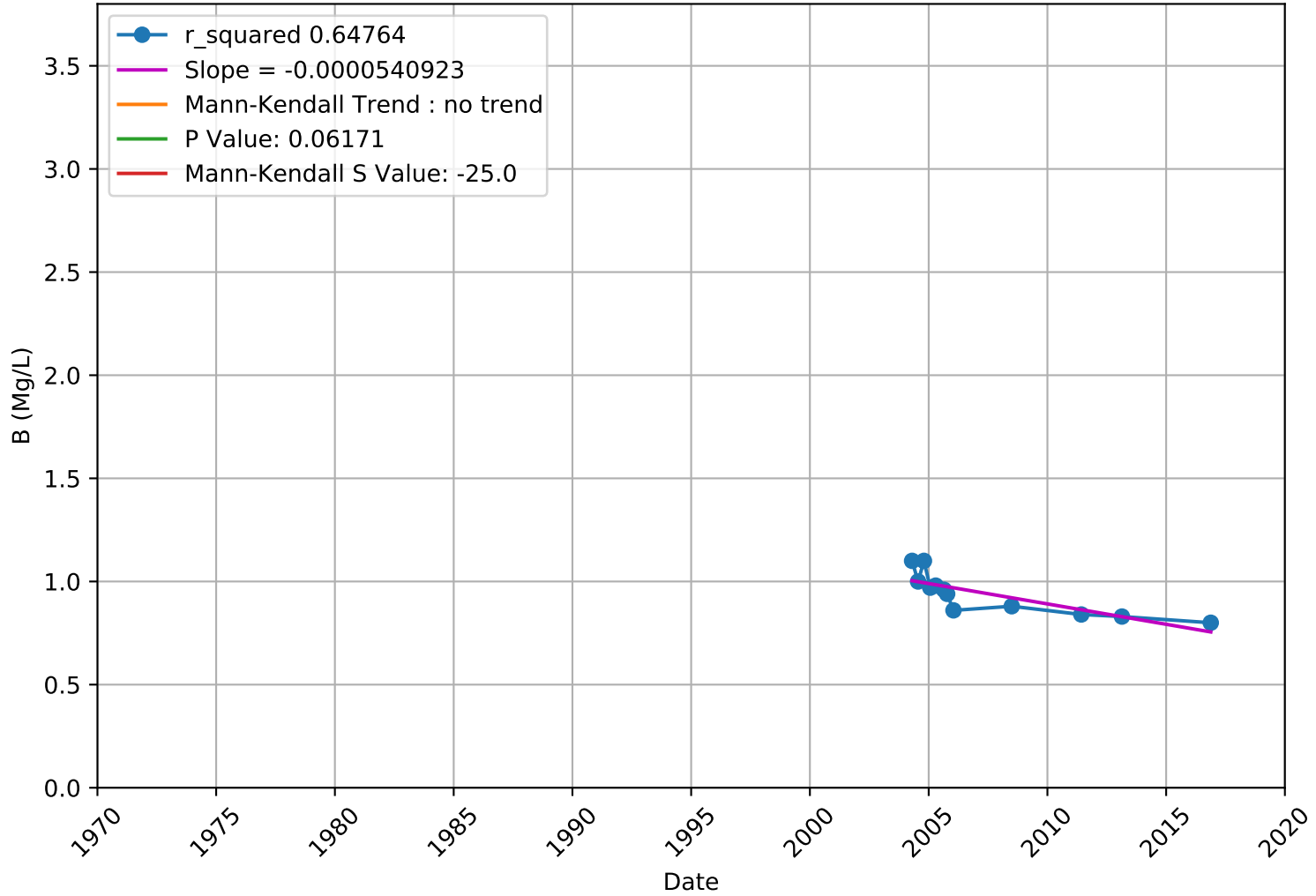
Boron

377149N1214257W002 - Lower Aquifer



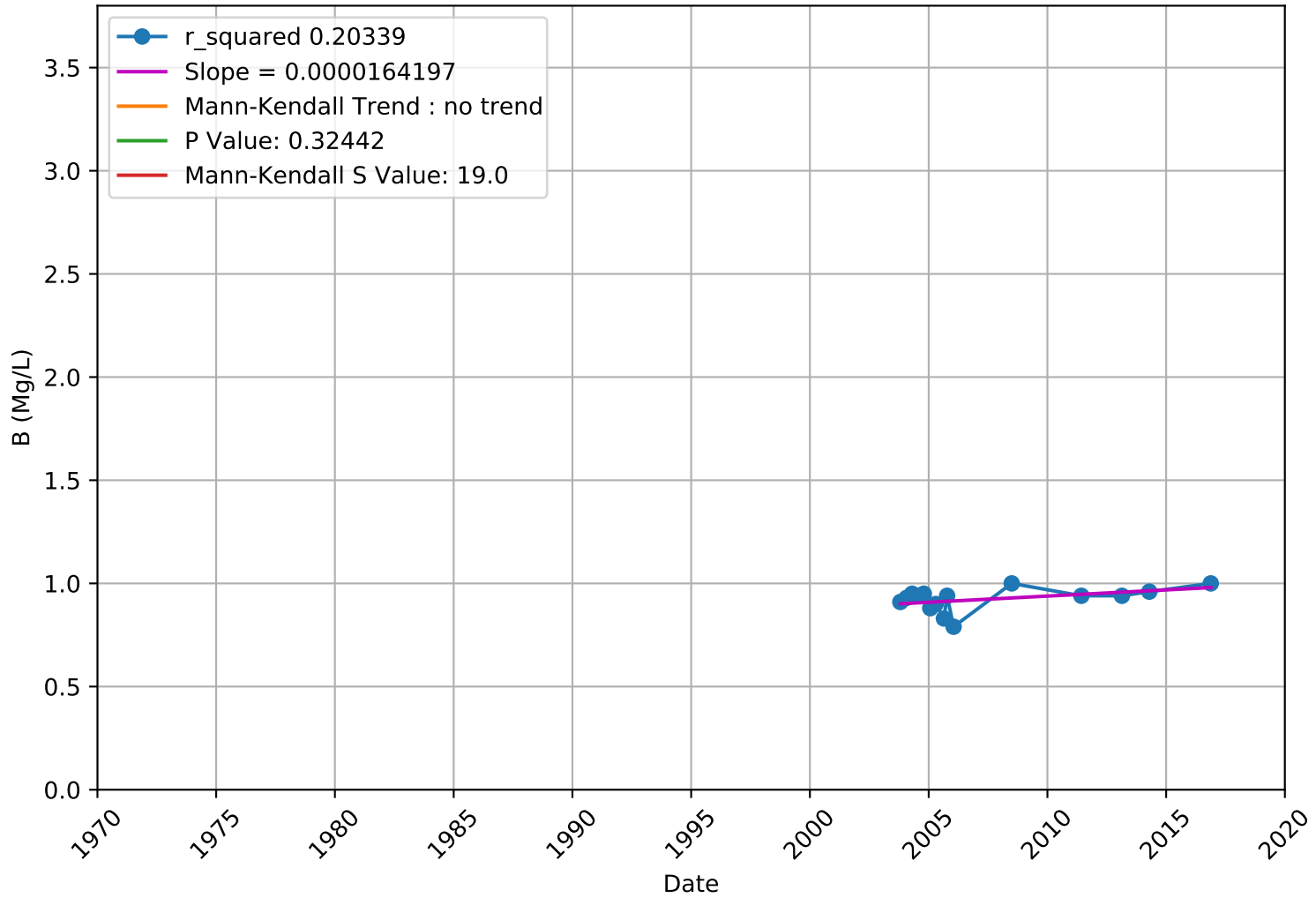
Boron

377149N1214257W003 - Lower Aquifer



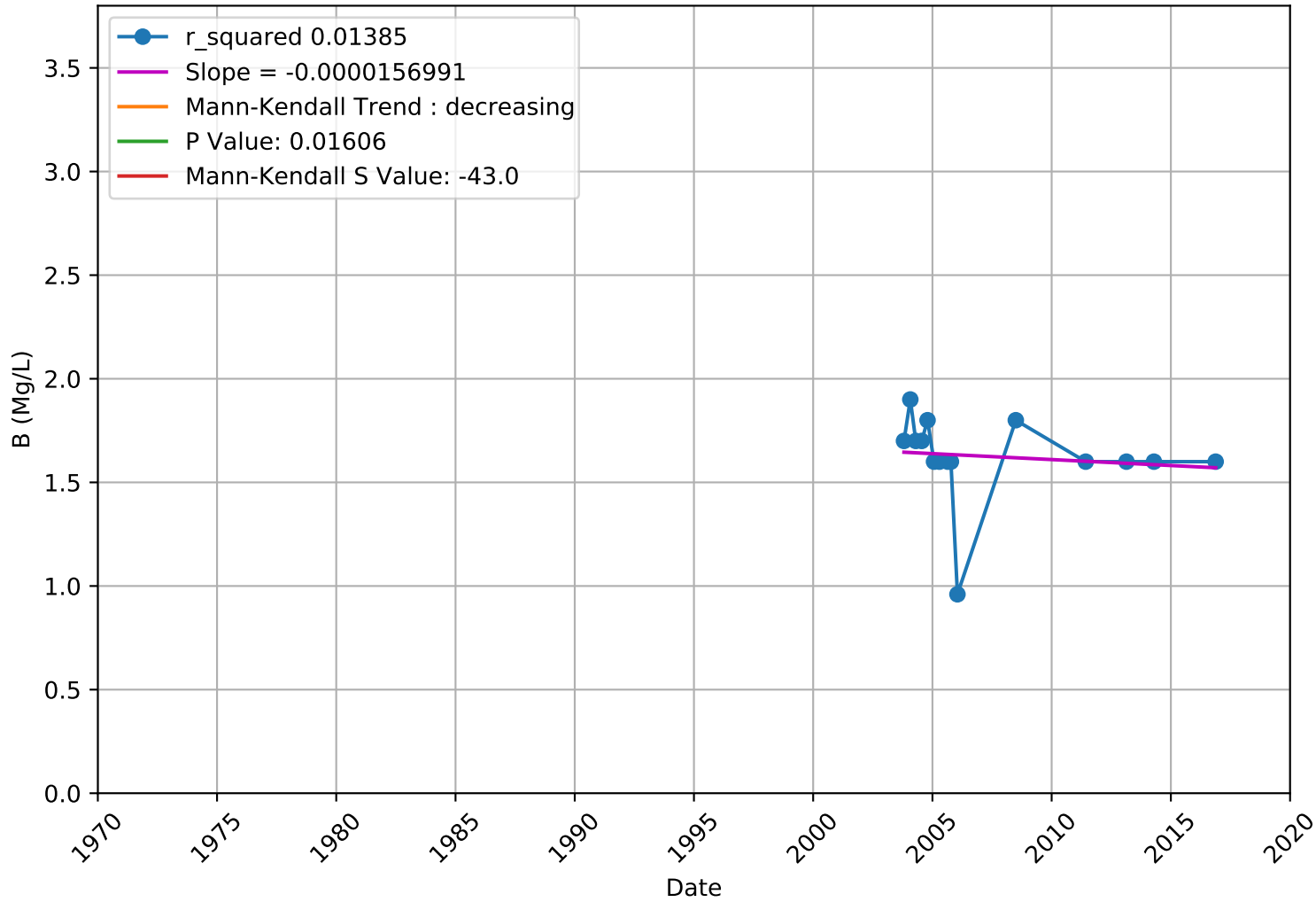
Boron

377402N1214508W001 - Lower Aquifer



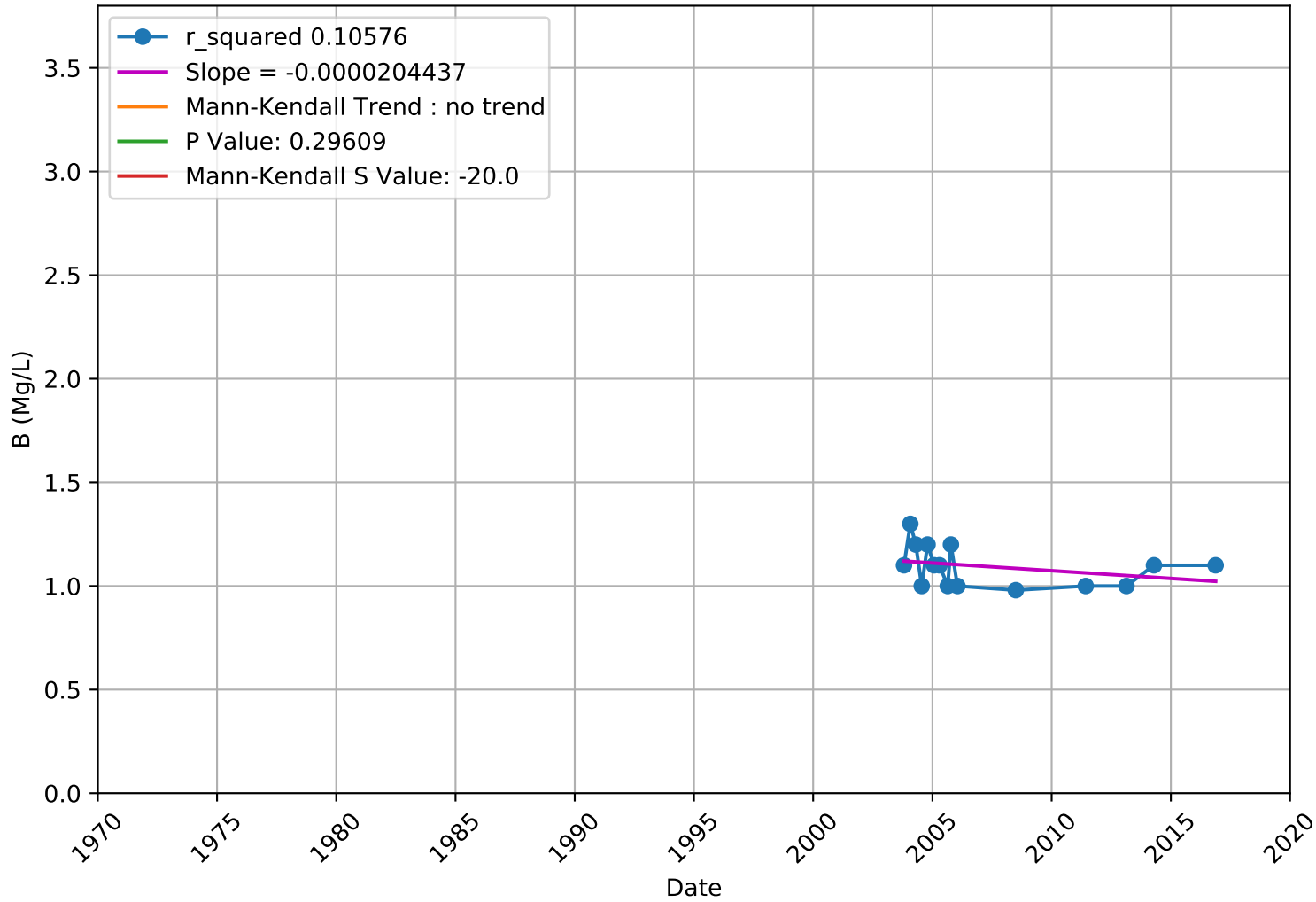
Boron

377402N1214508W002 - Lower Aquifer



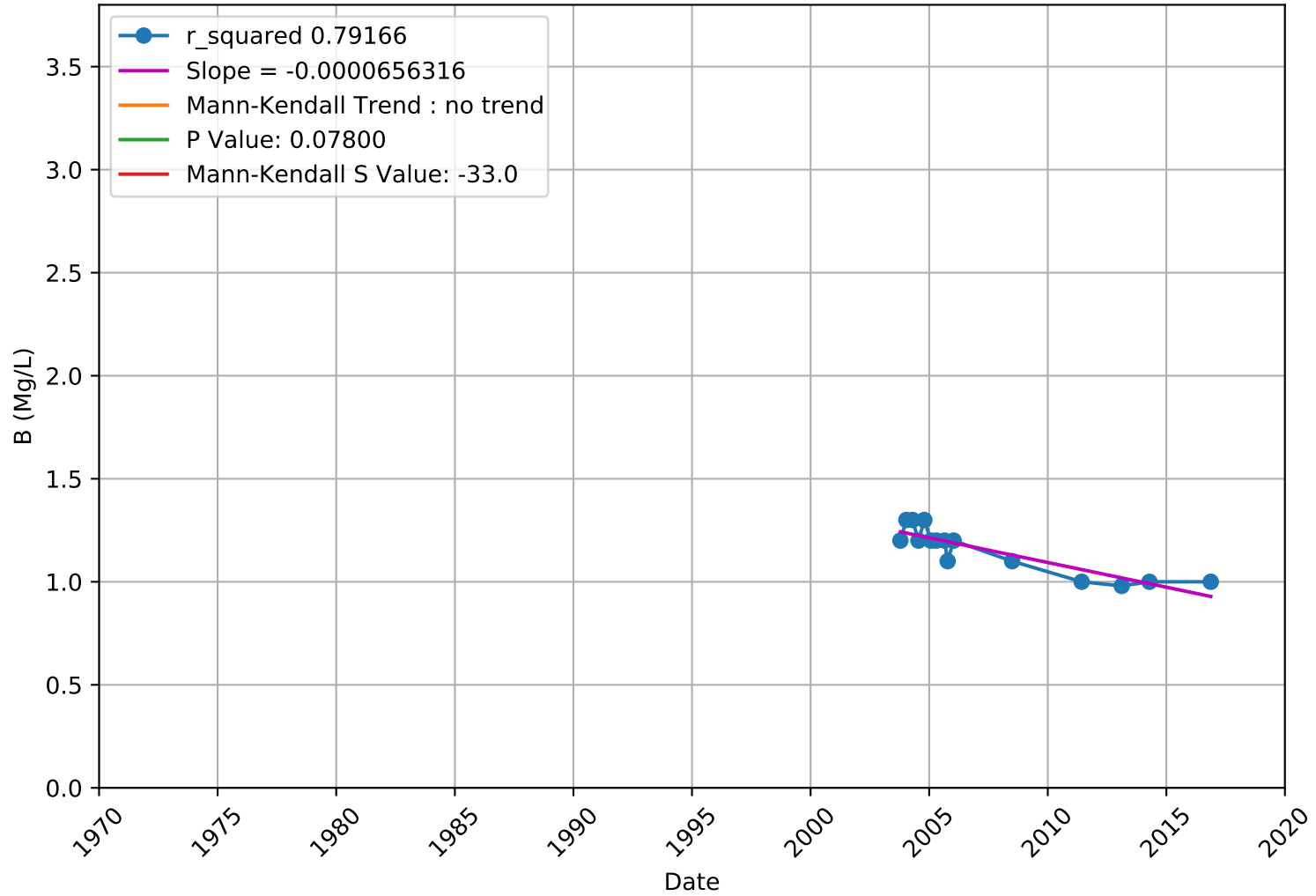
Boron

377402N1214508W003 - Lower Aquifer



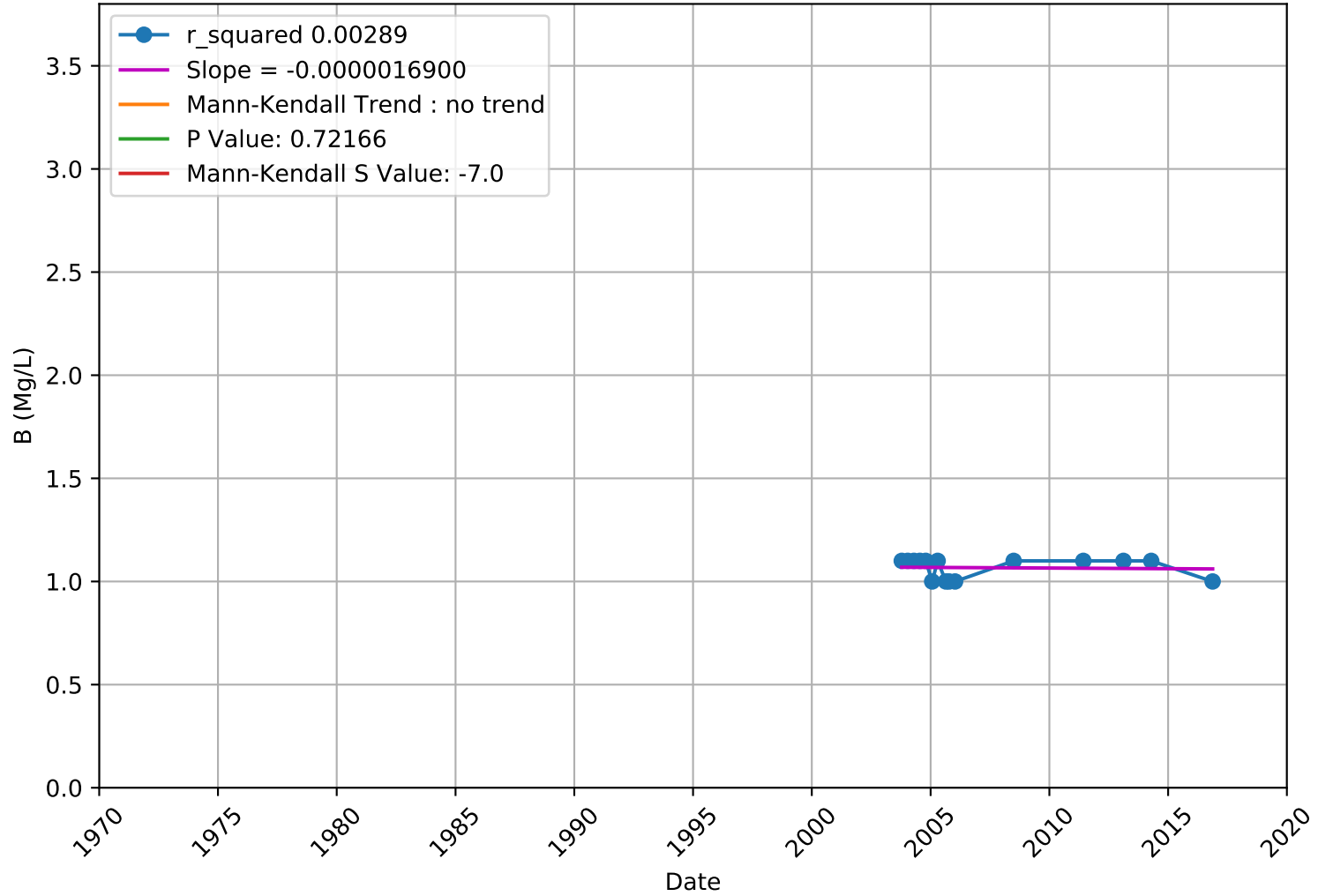
Boron

377427N1213943W001 - Lower Aquifer



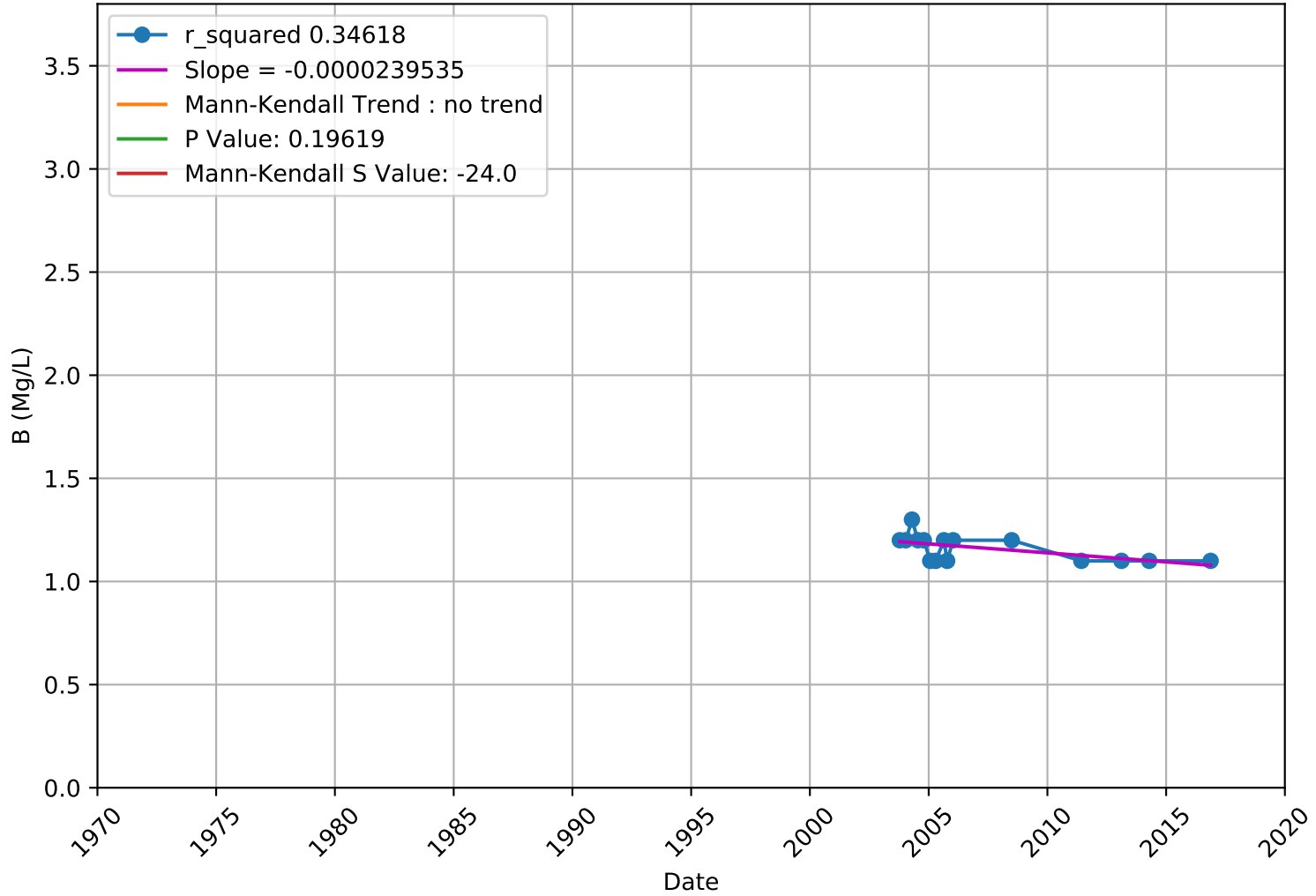
Boron

377427N1213943W002 - Lower Aquifer



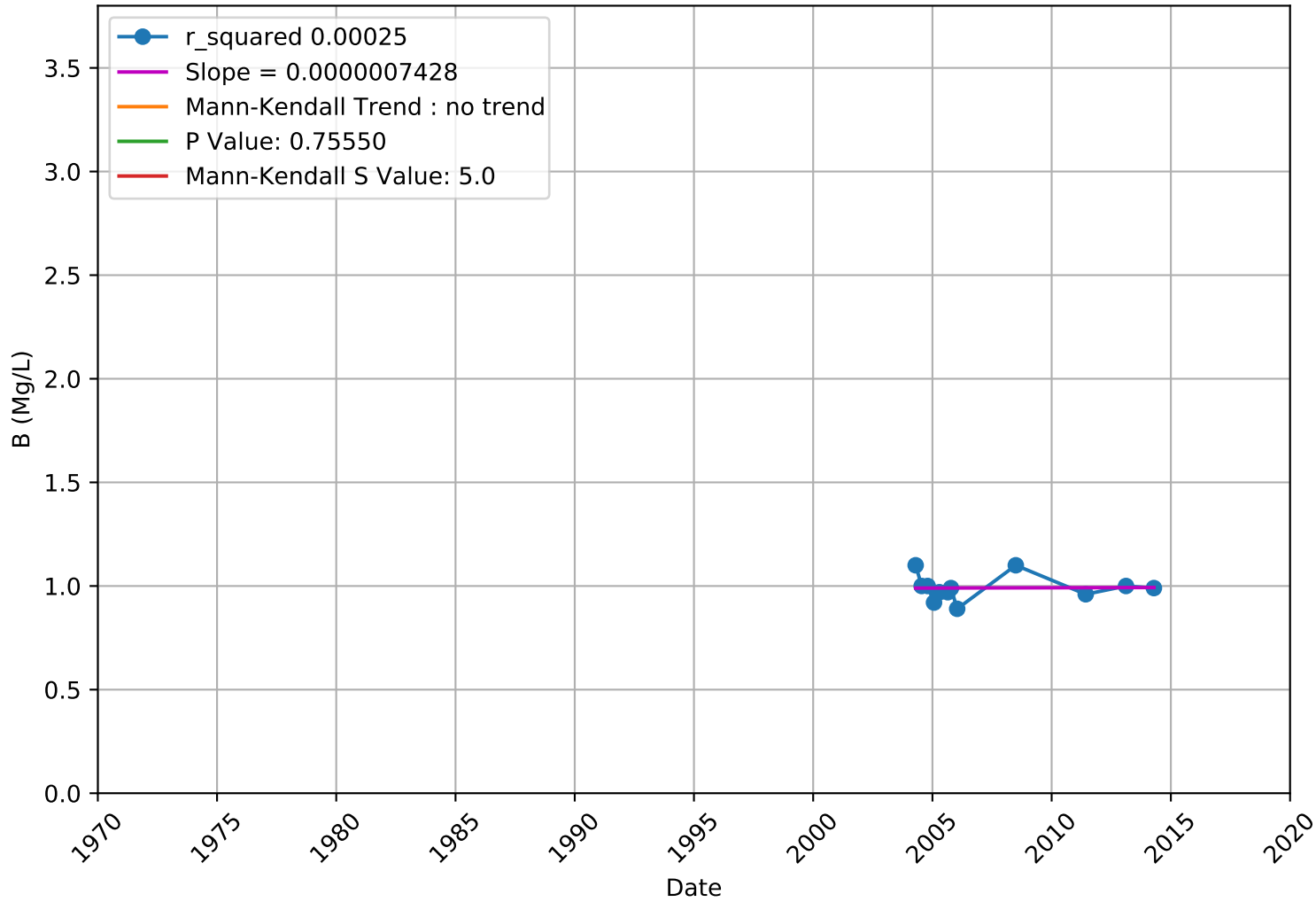
Boron

377427N1213943W003 - Lower Aquifer



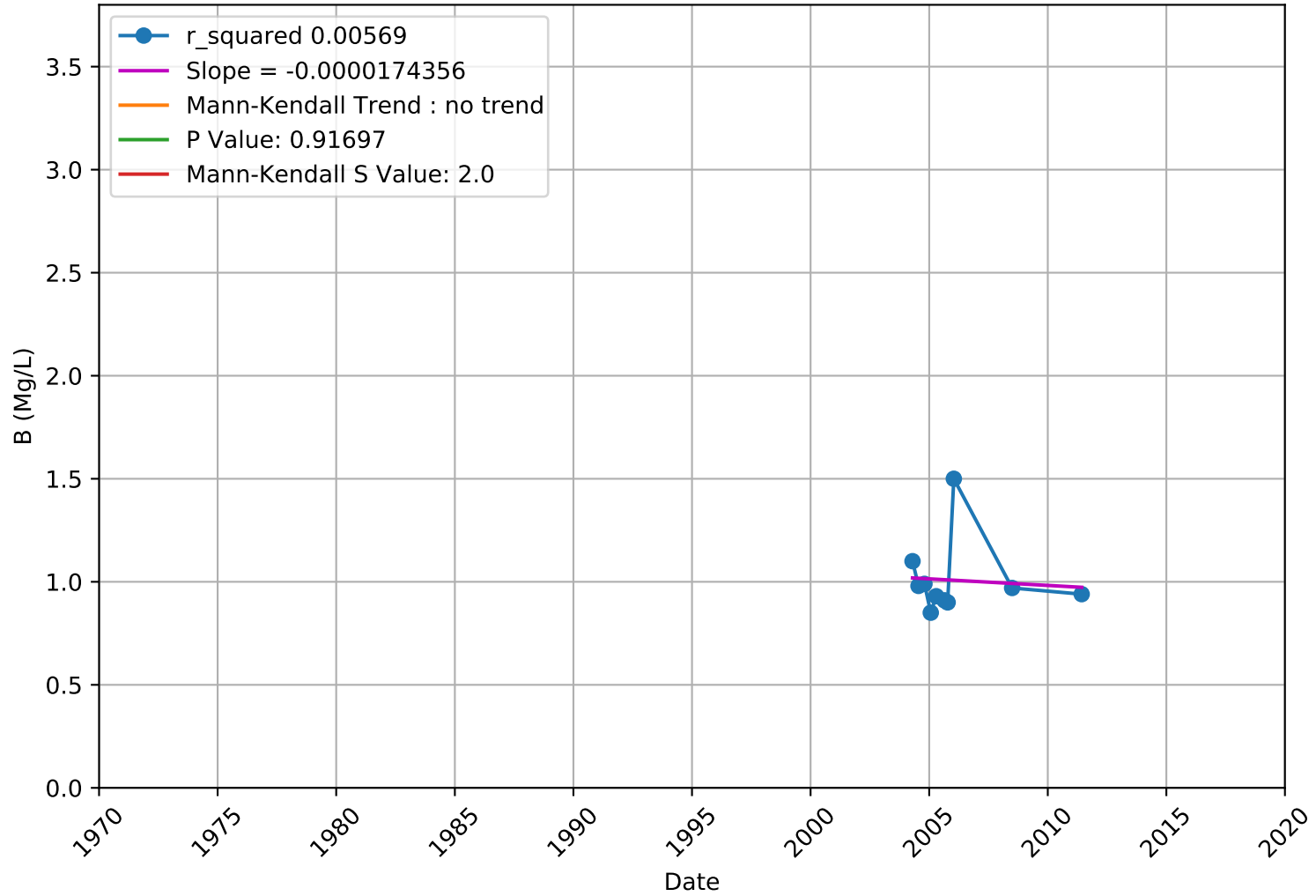
Boron

377656N1214199W001 - Lower Aquifer



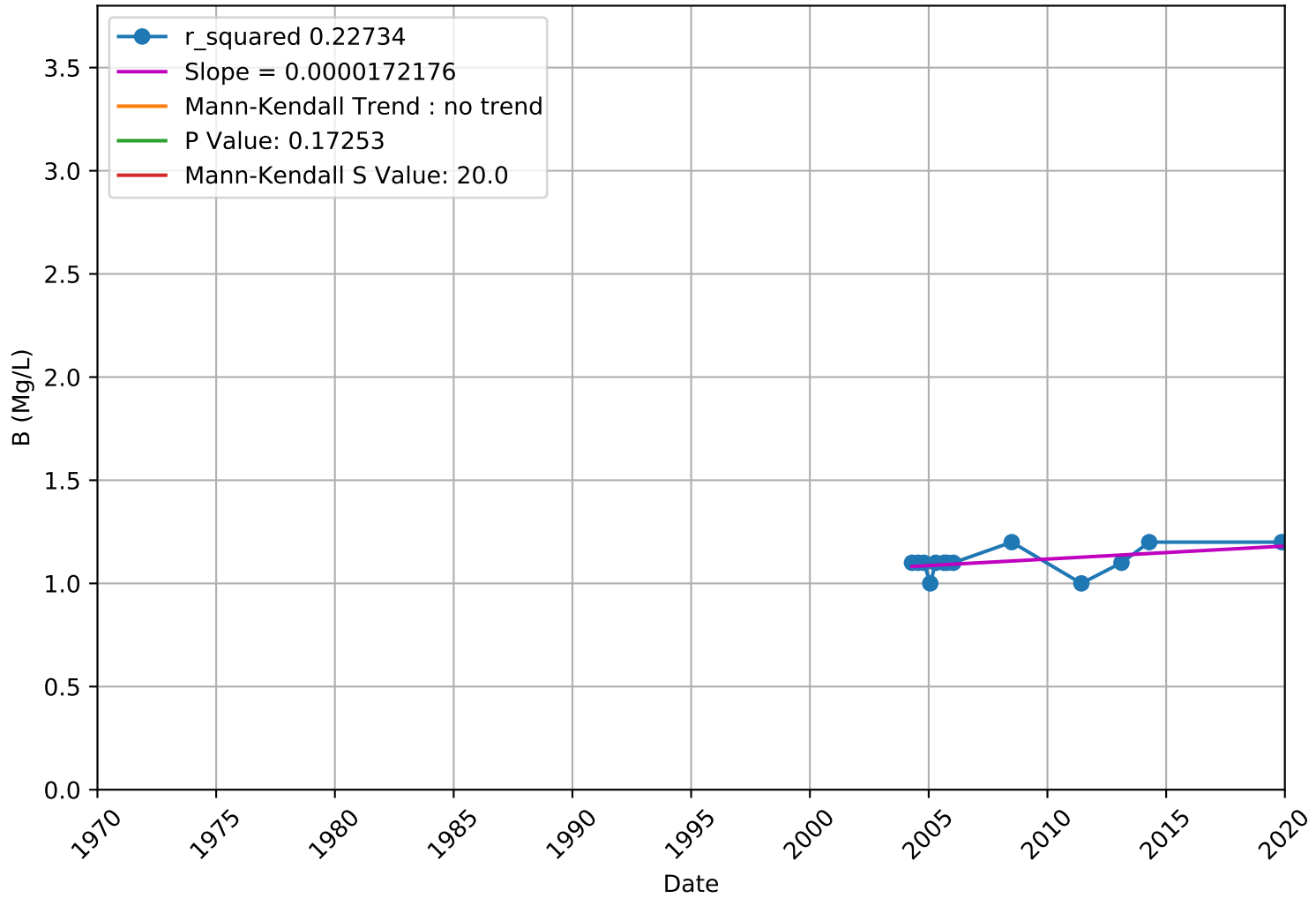
Boron

377656N1214199W002 - Lower Aquifer



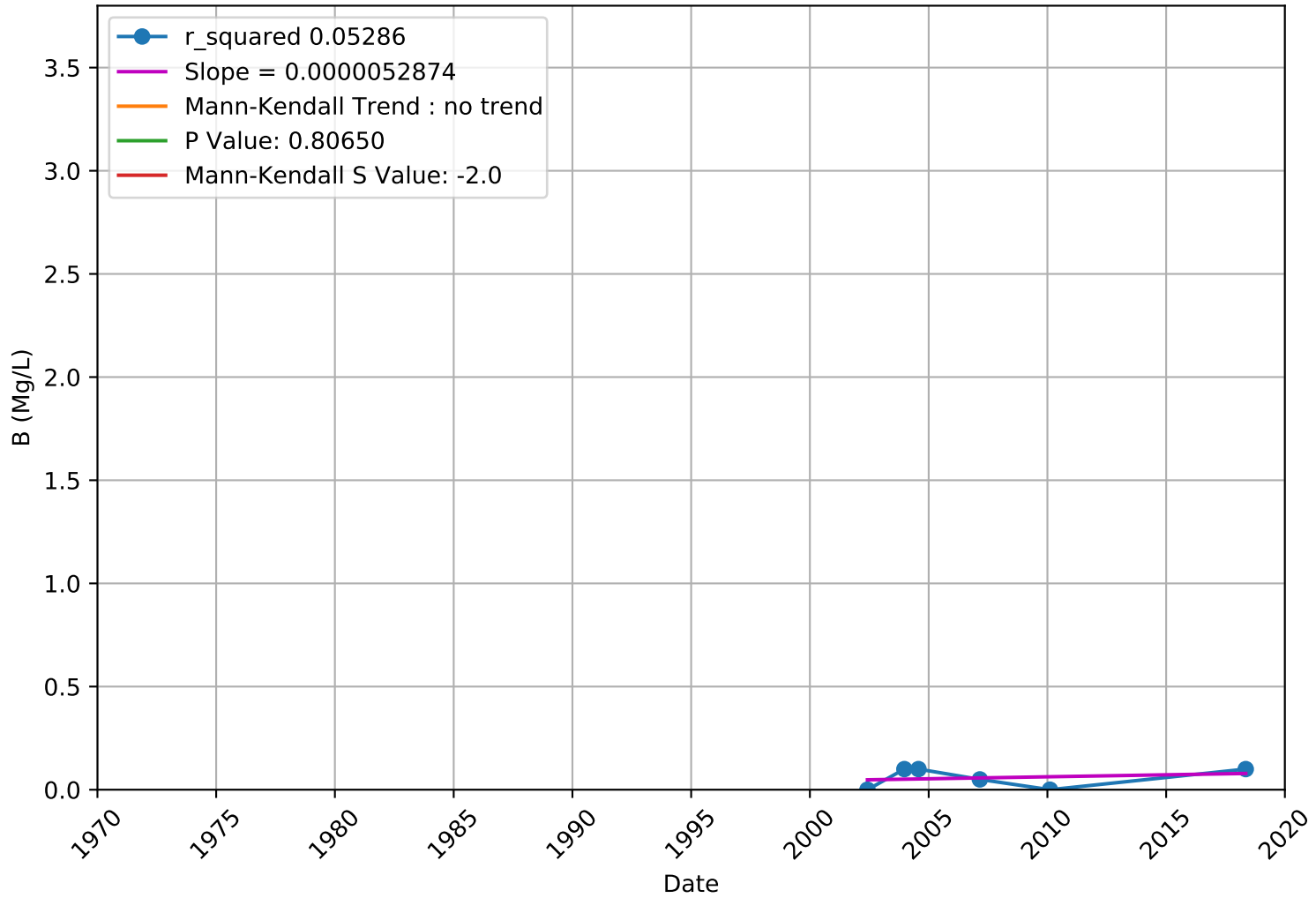
Boron

377656N1214199W003 - Lower Aquifer



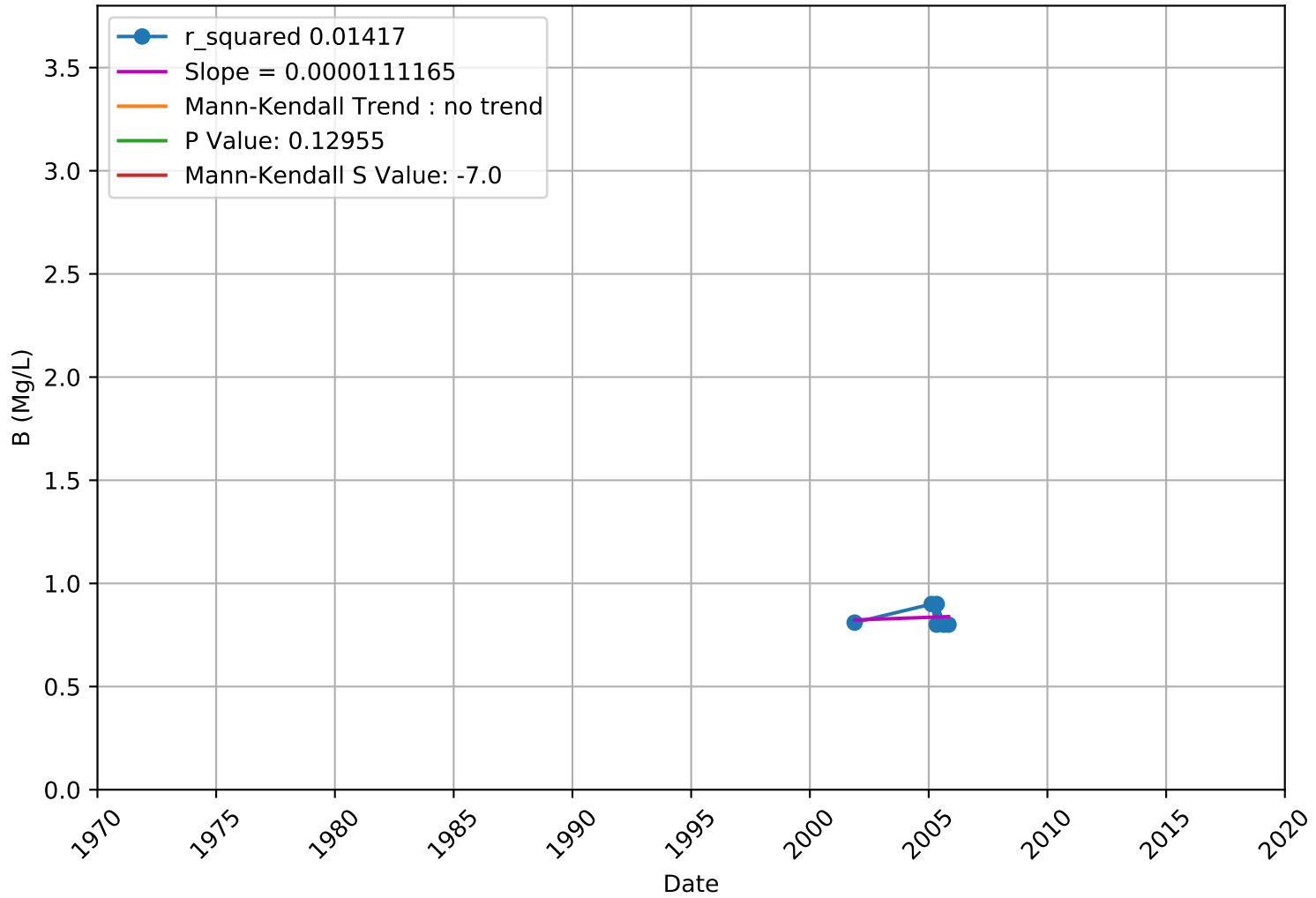
Boron

3900558-002 - Unknown Aquifer



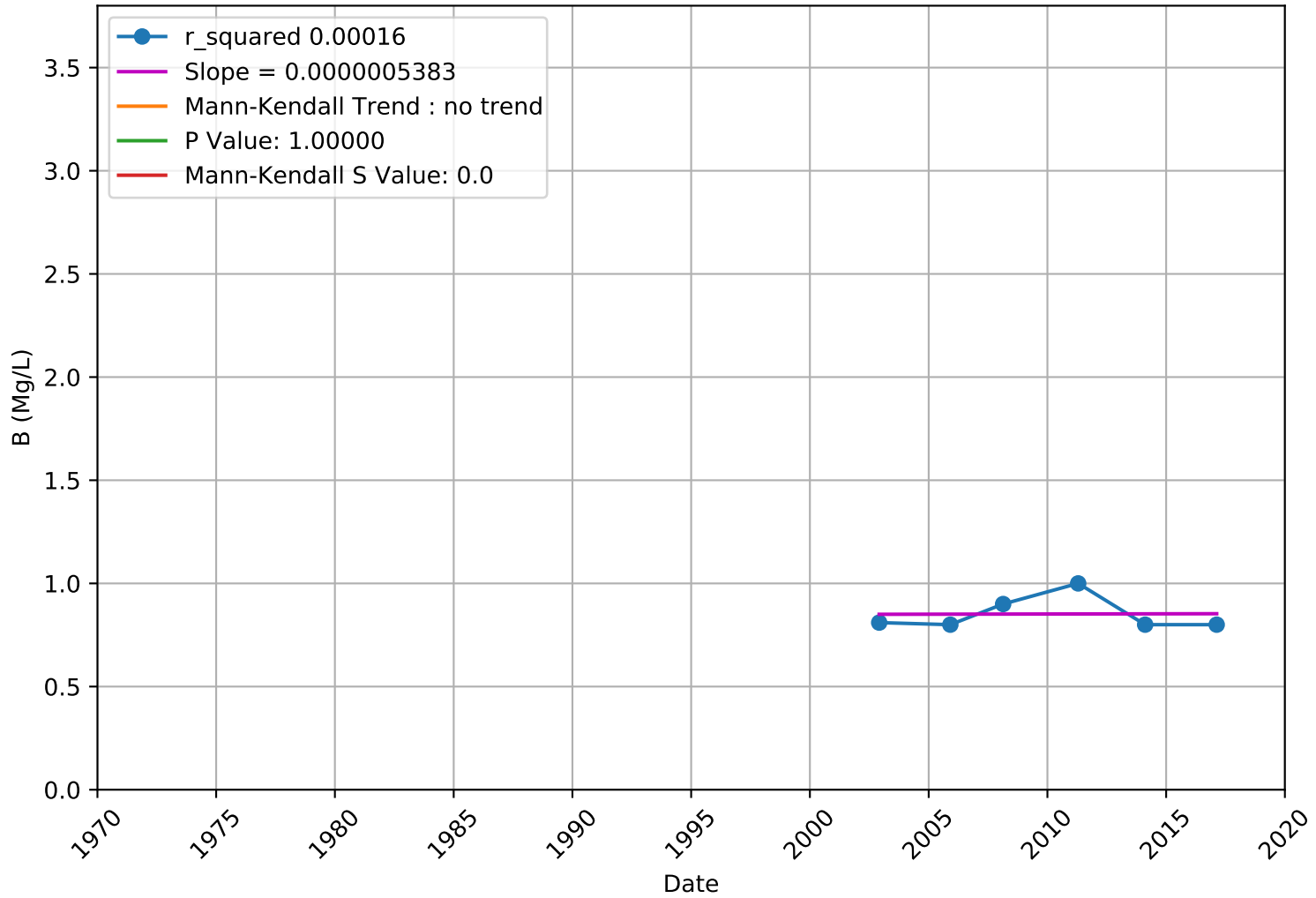
Boron

3900583-001 - Unknown Aquifer



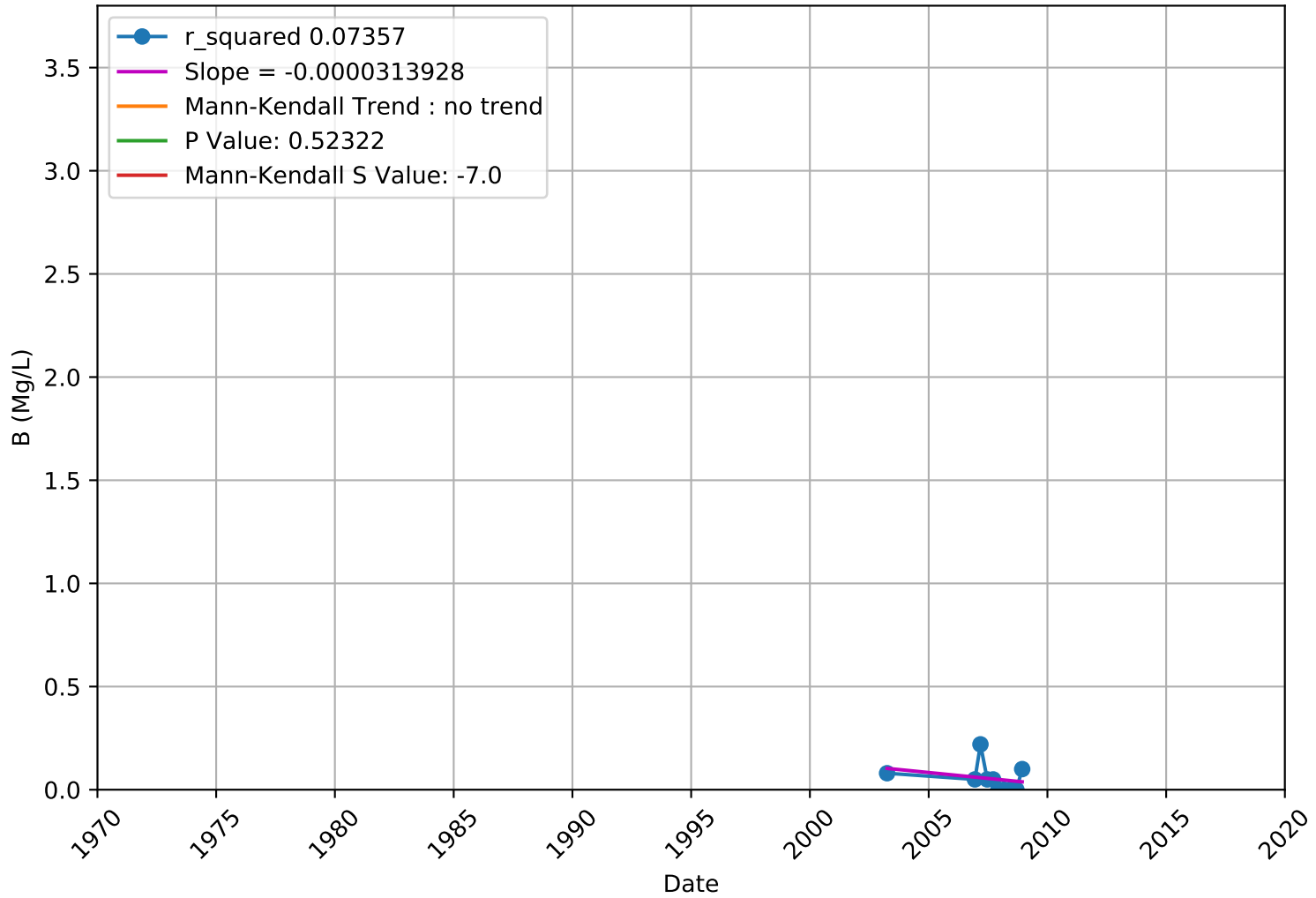
Boron

3900702-001 - Unknown Aquifer



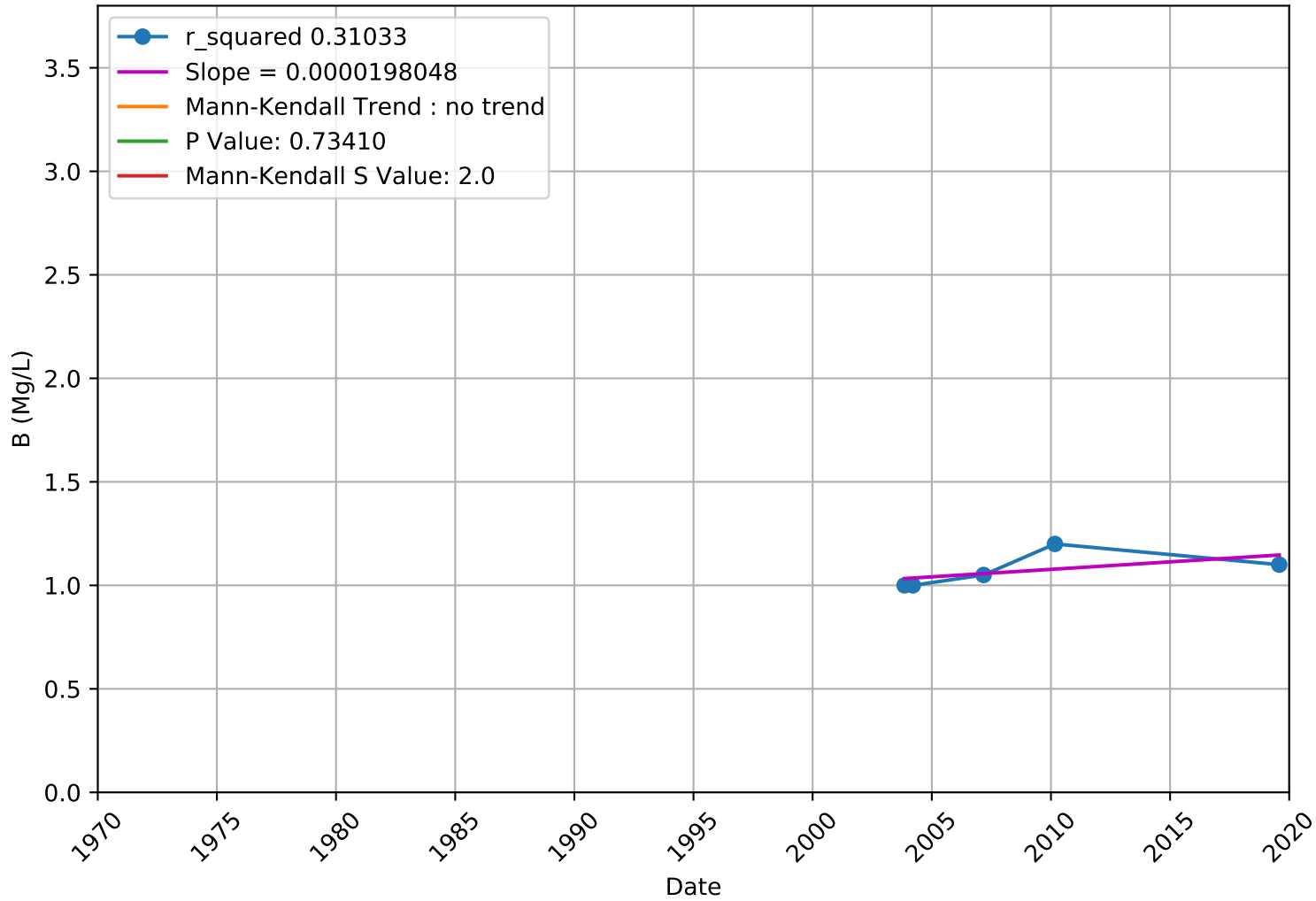
Boron

3900713-001 - Unknown Aquifer



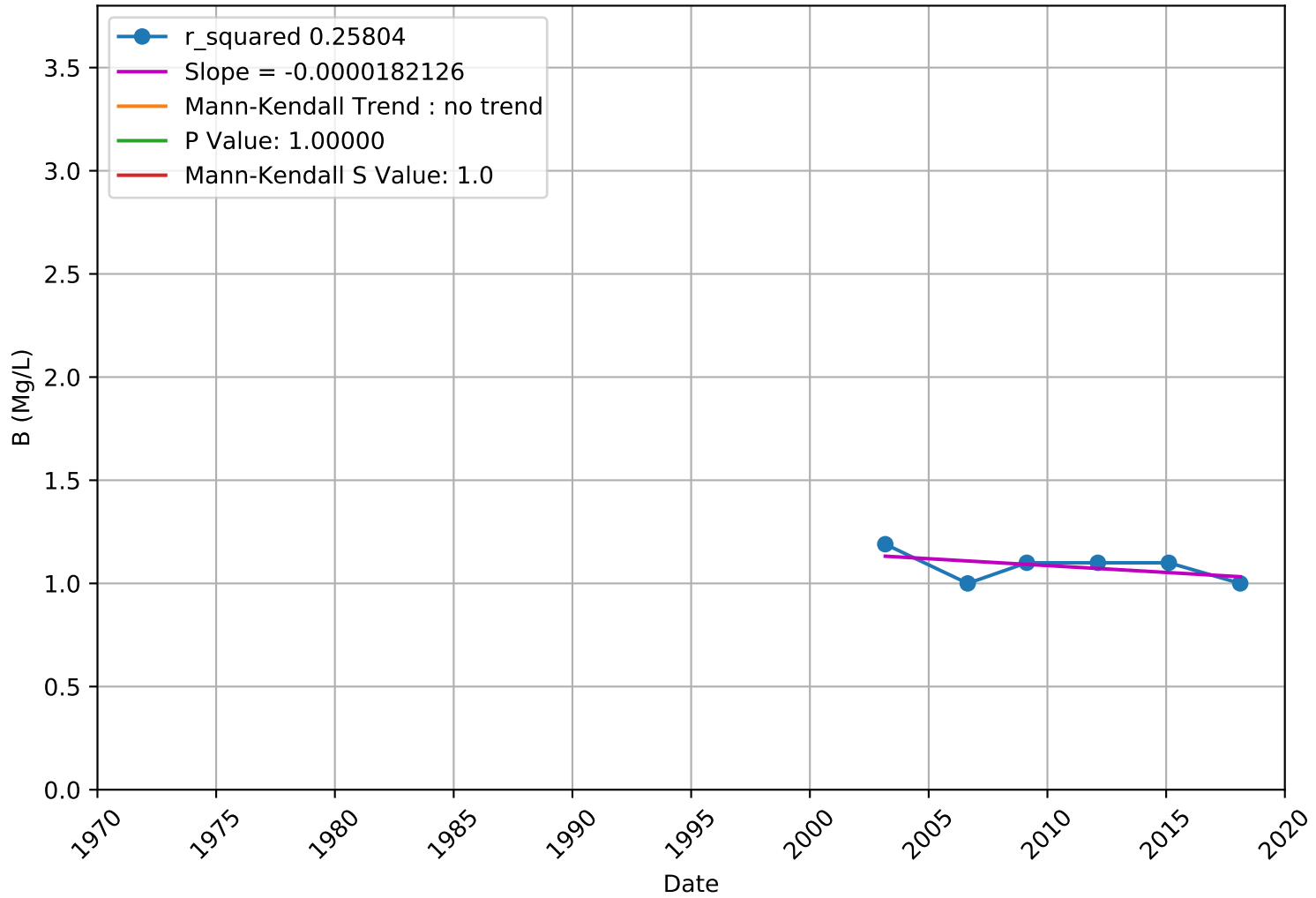
Boron

3900805-002 - Unknown Aquifer



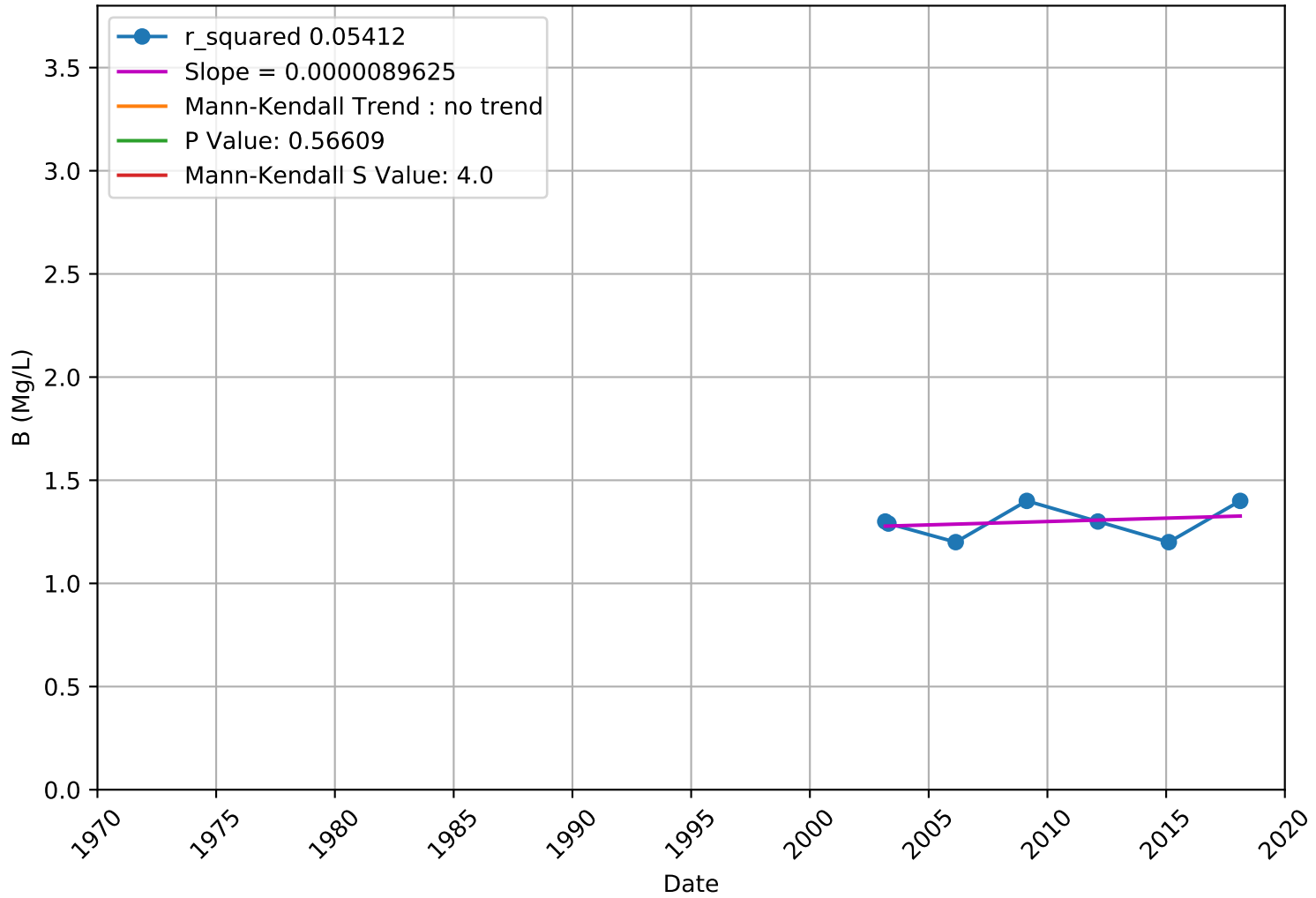
Boron

3901172-002 - Unknown Aquifer



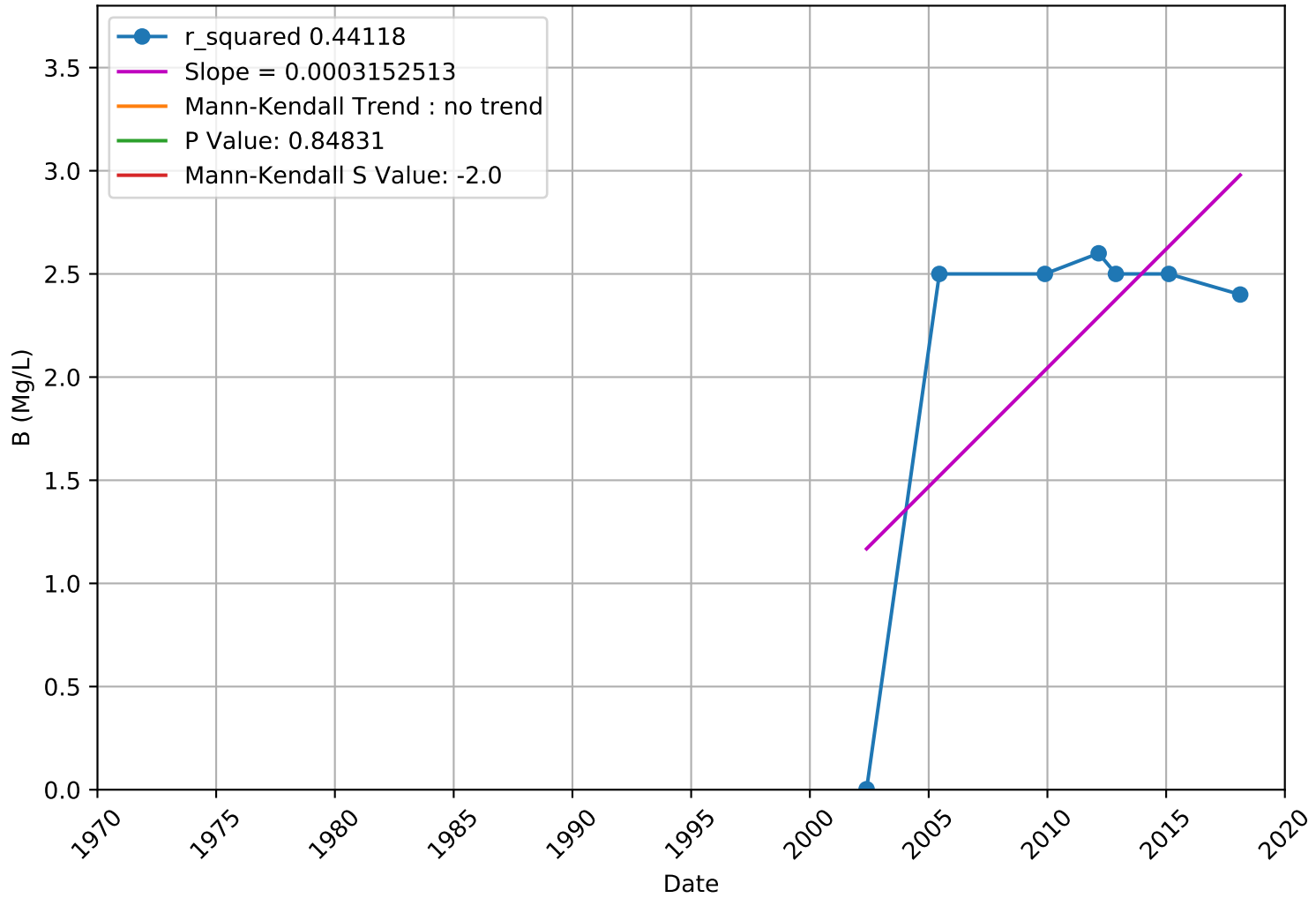
Boron

3901172-003 - Unknown Aquifer



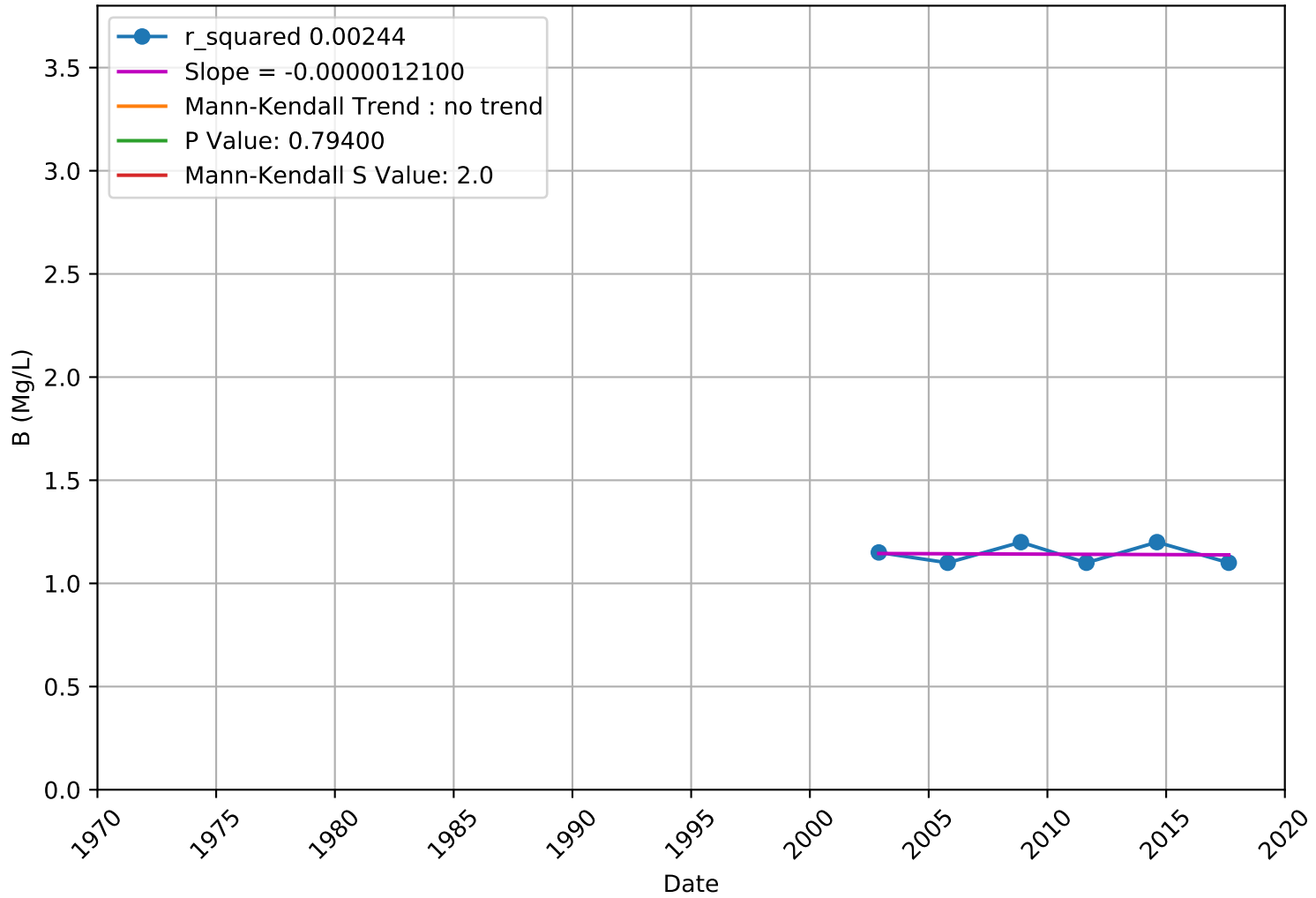
Boron

3901216-002 - Unknown Aquifer



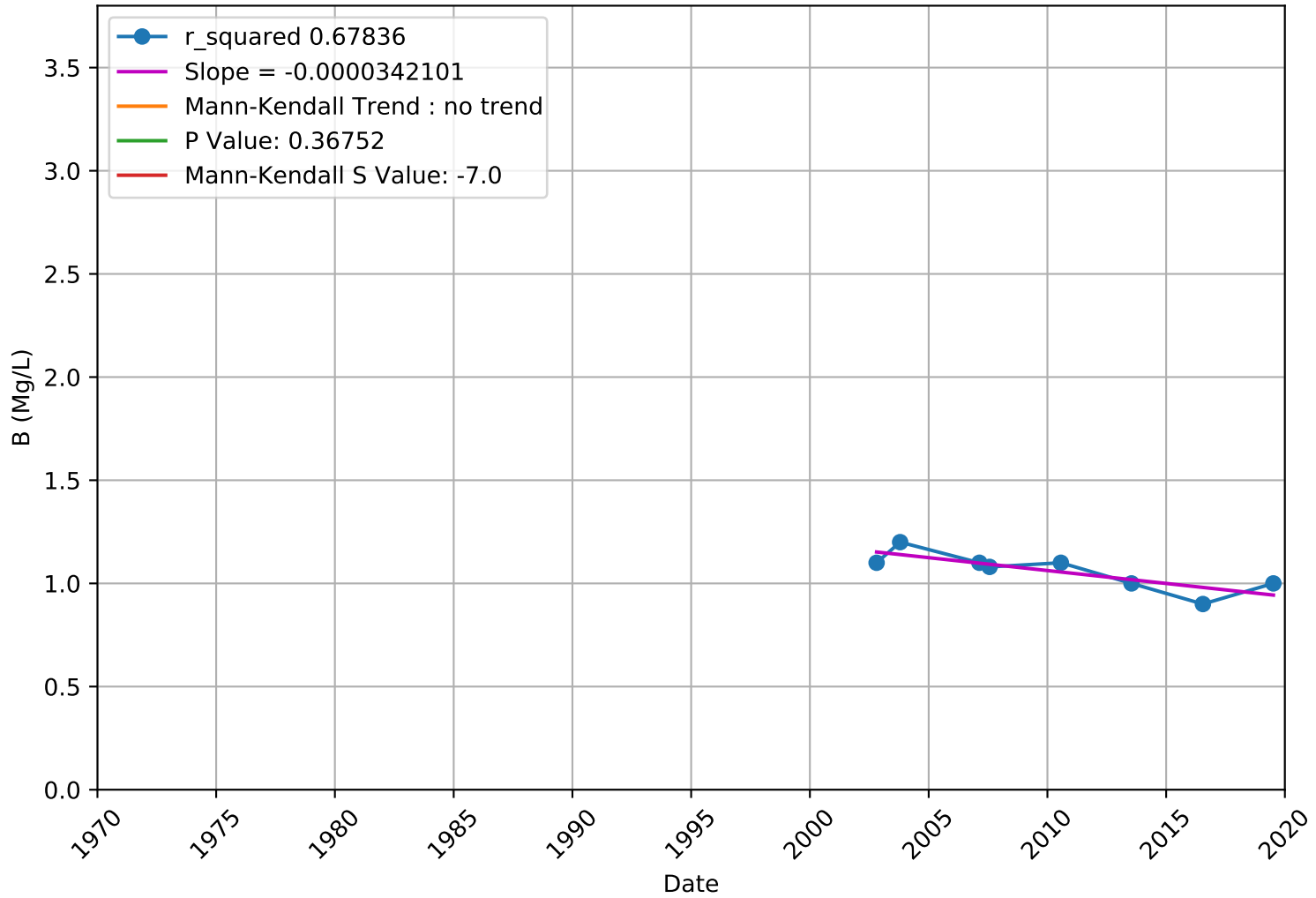
Boron

3901348-002 - Unknown Aquifer



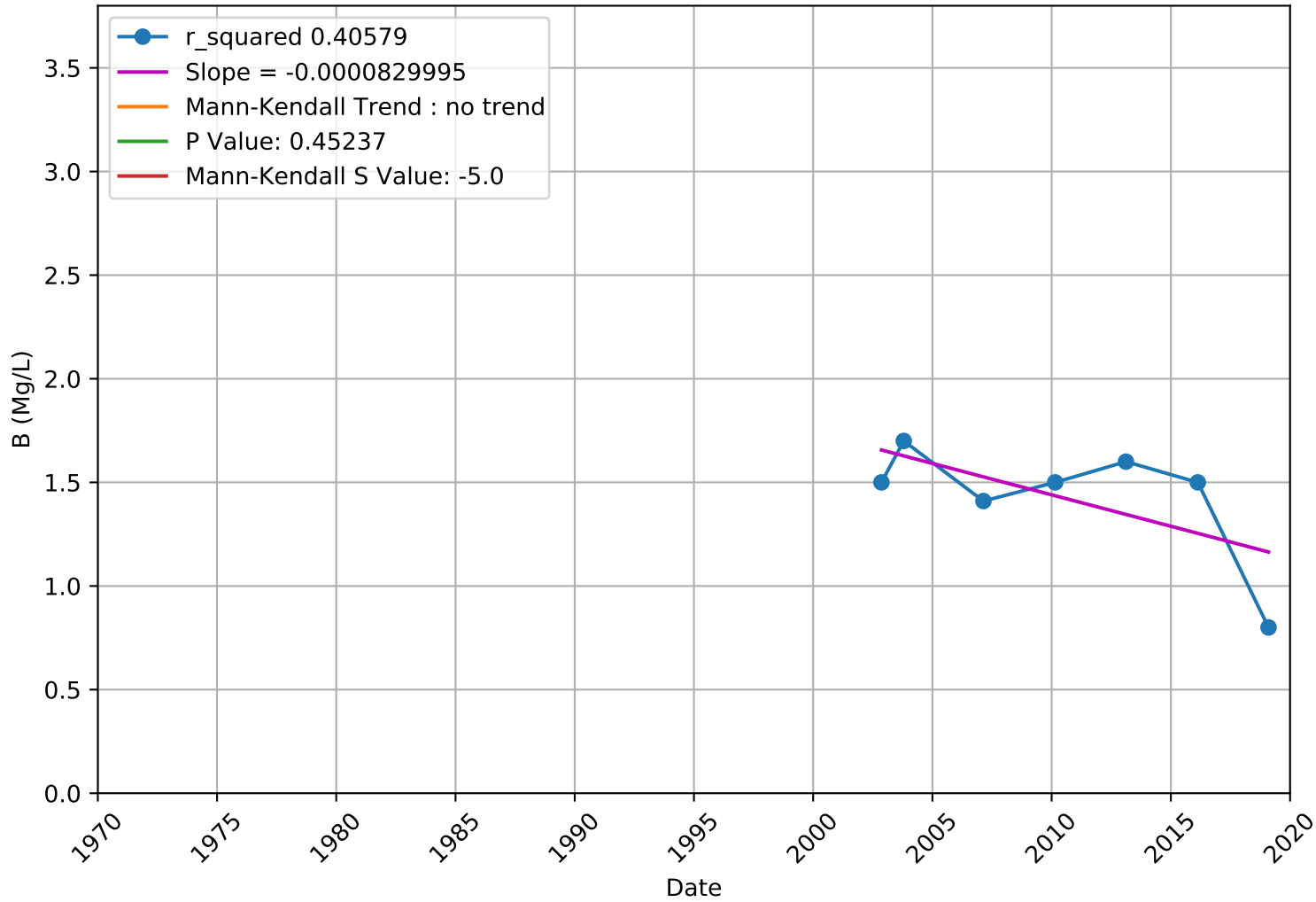
Boron

3901348-003 - Unknown Aquifer



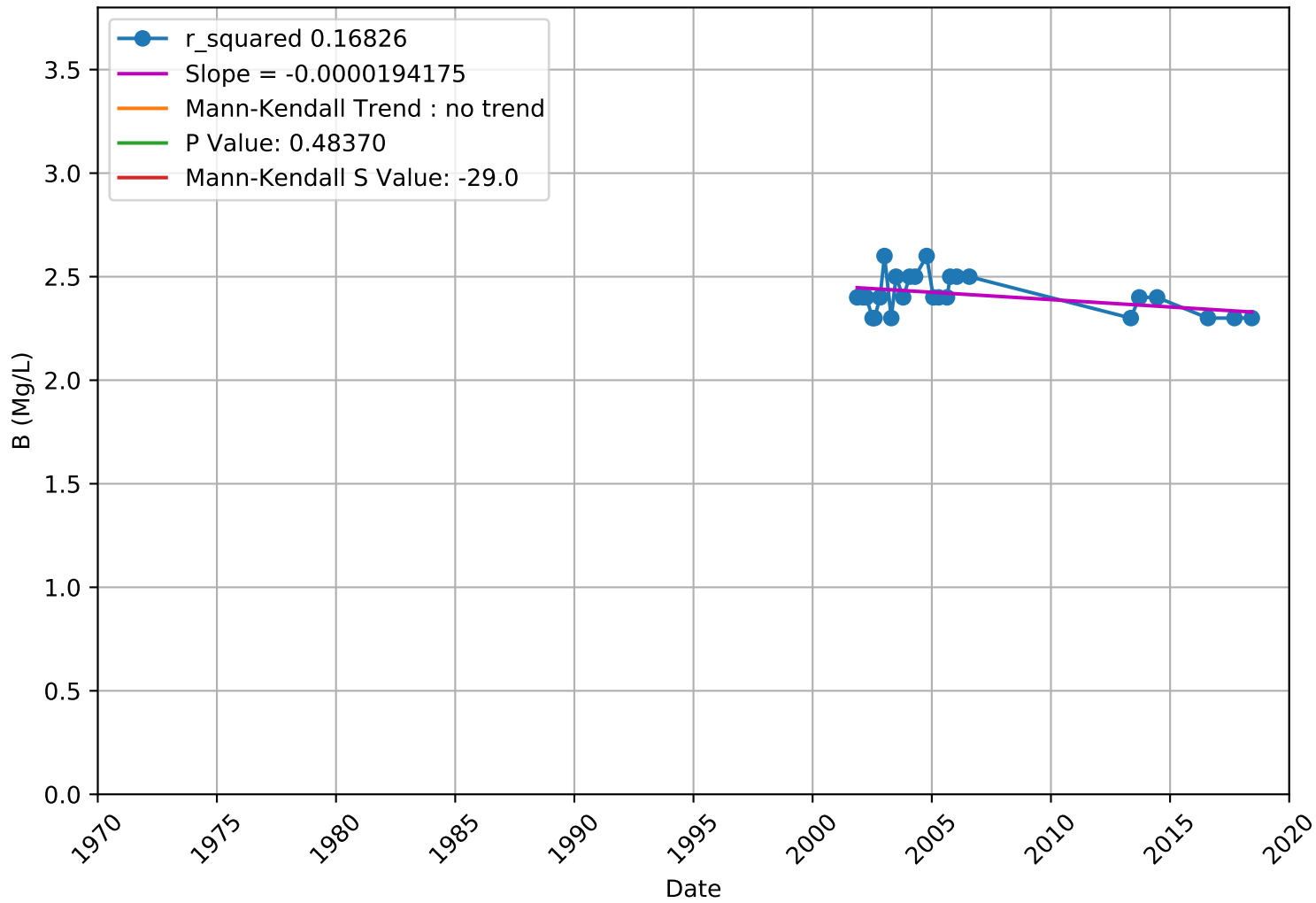
Boron

3901348-004 - Unknown Aquifer



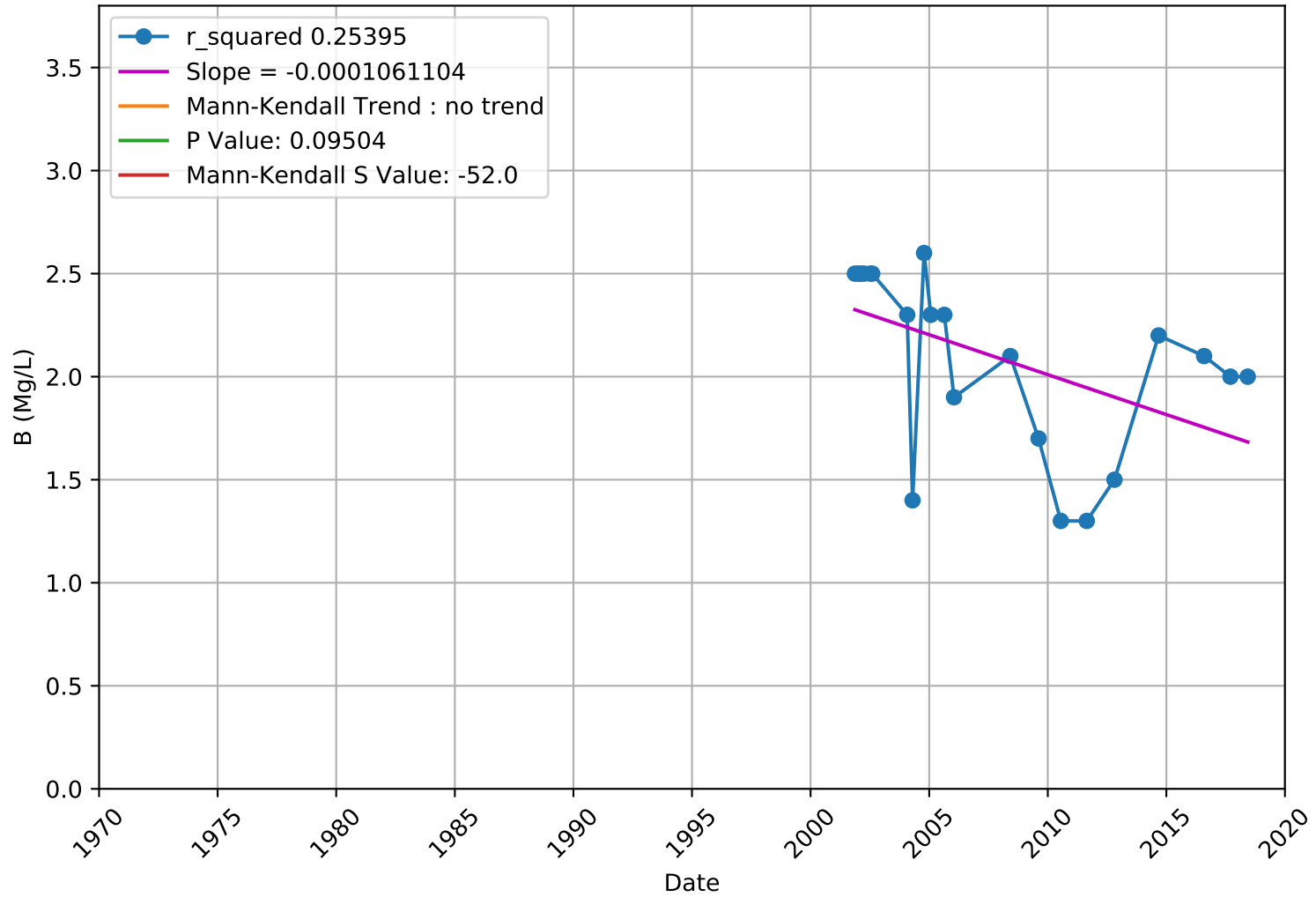
Boron

3910011-003 - Lower Aquifer



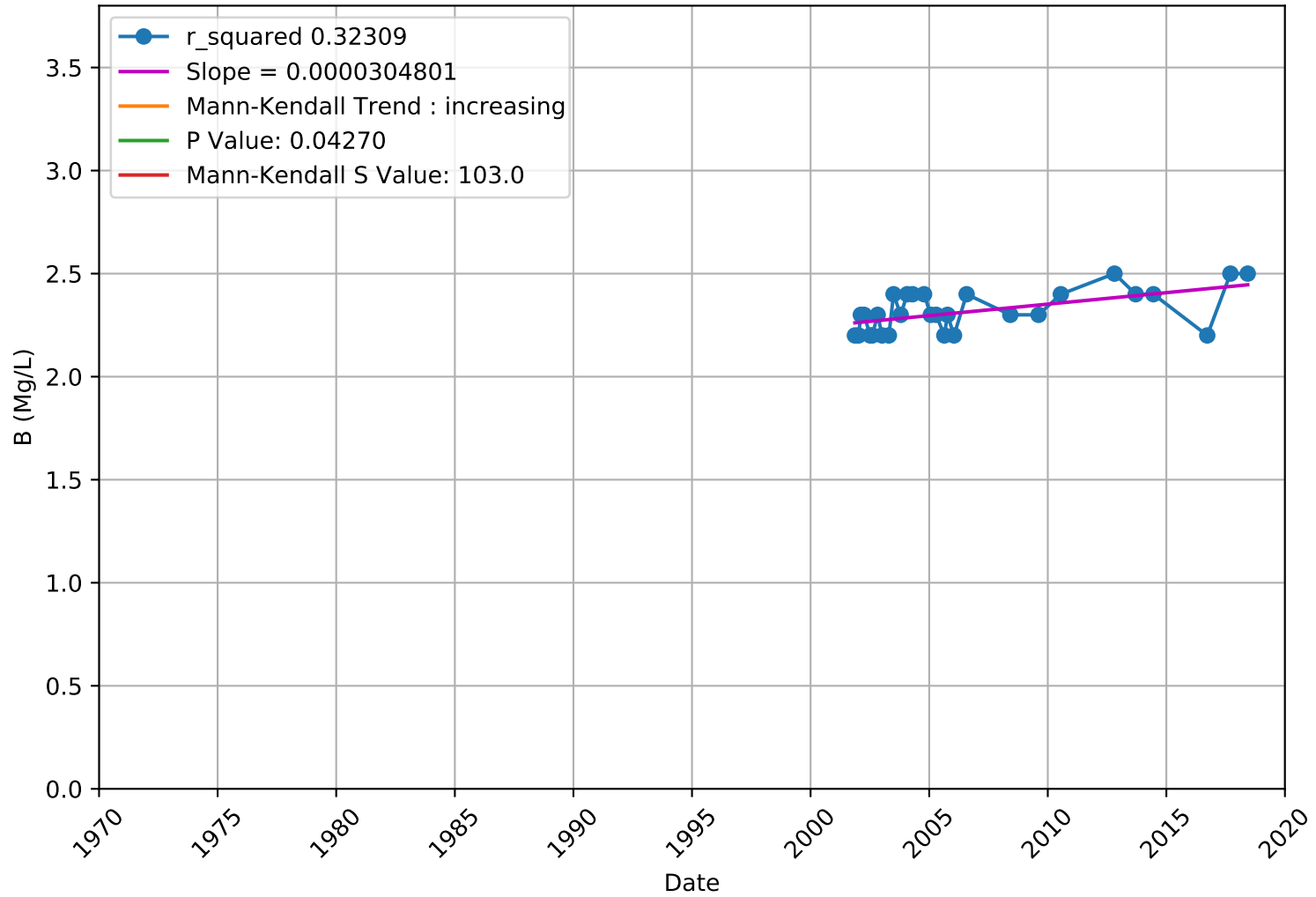
Boron

3910011-004 - Lower Aquifer



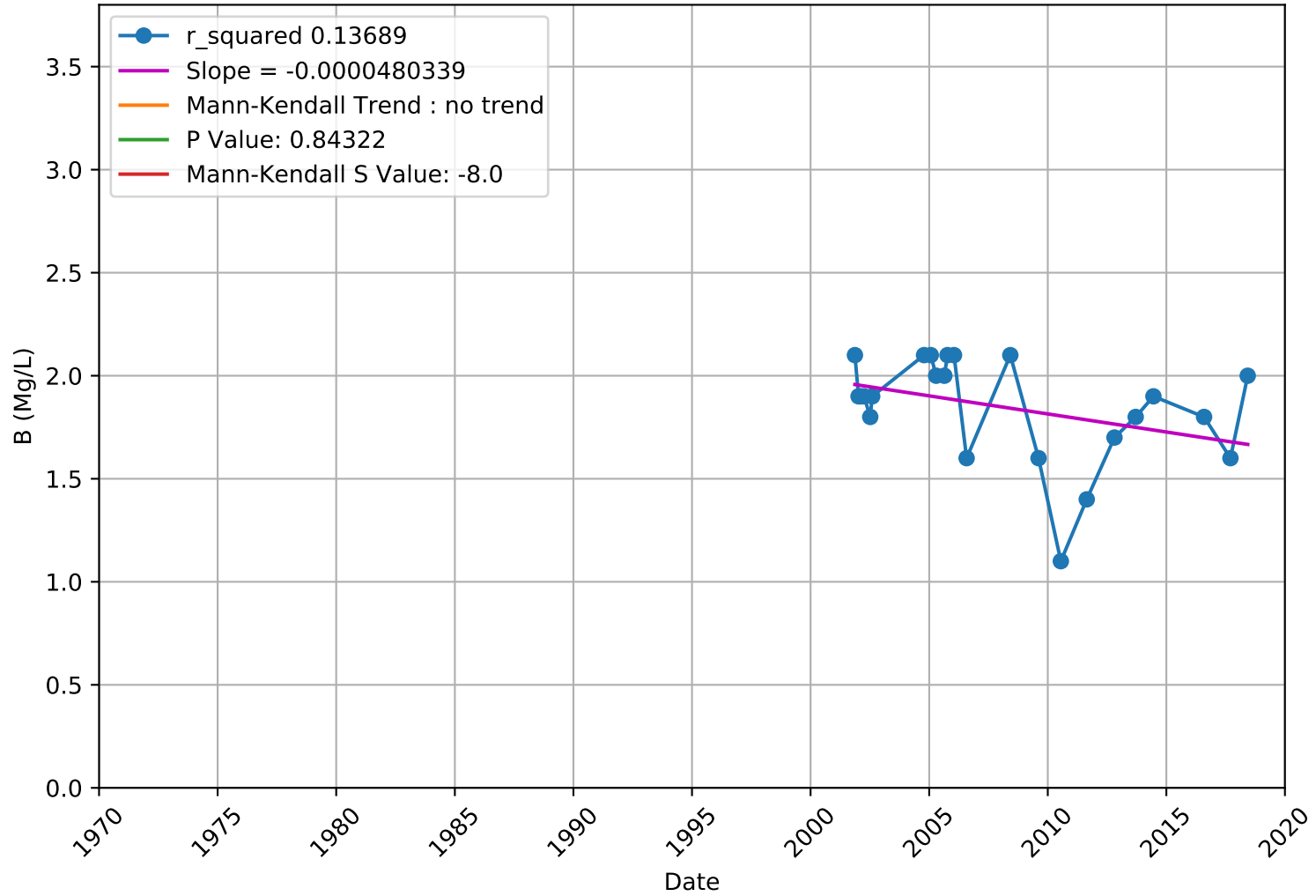
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3910011-005 - Lower Aquifer



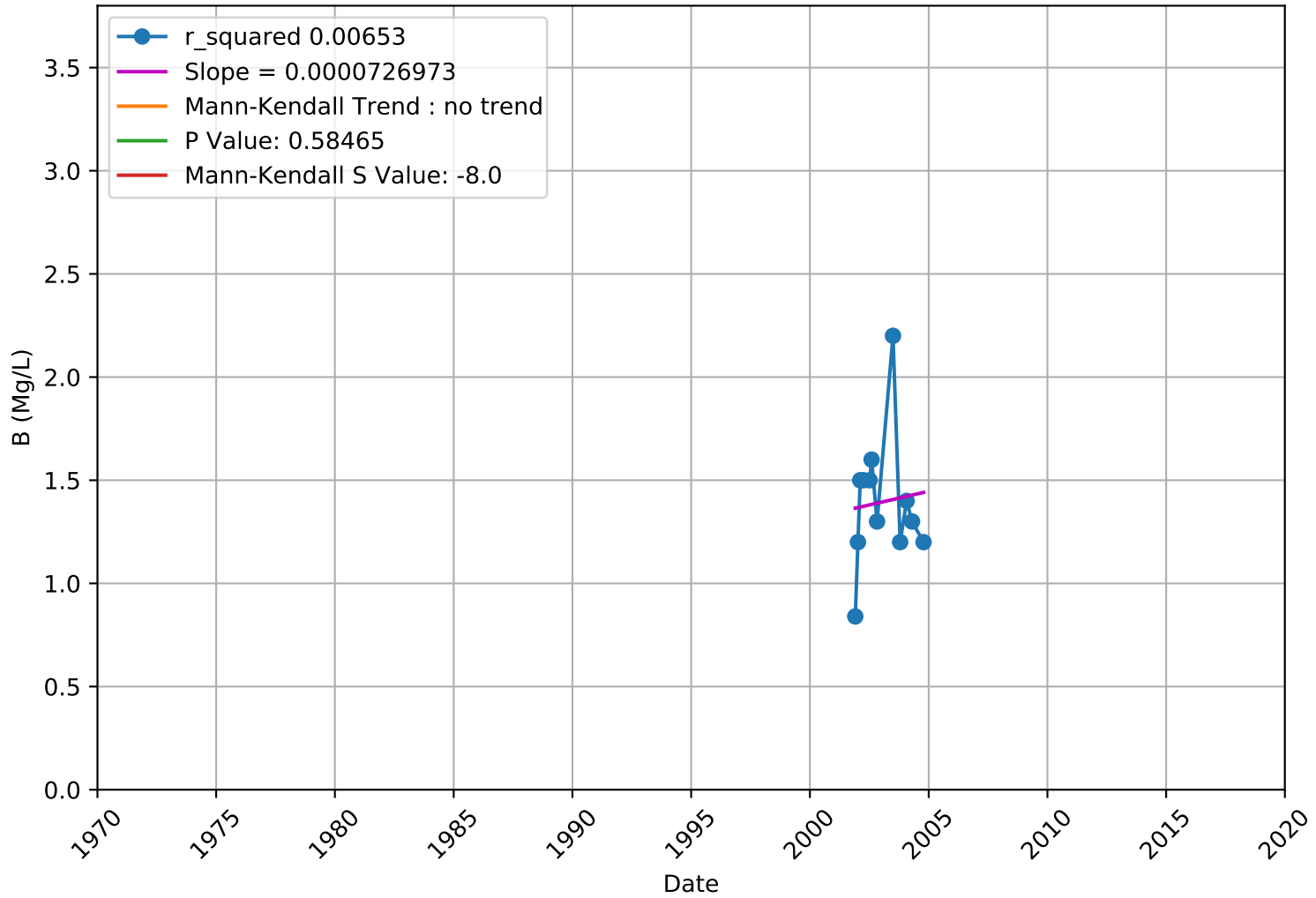
Boron

3910011-006 - Lower Aquifer



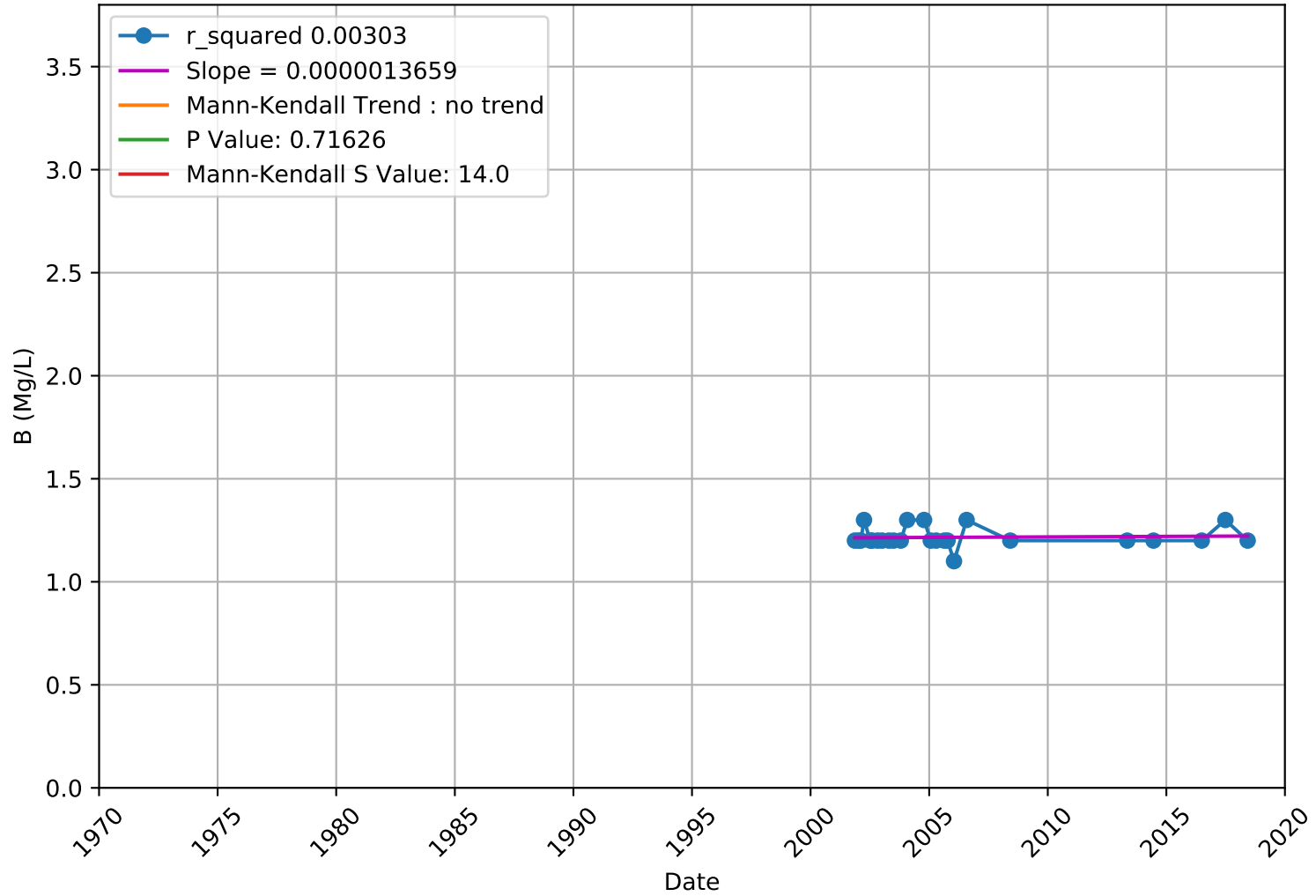
Boron

3910011-010 - Unknown Aquifer



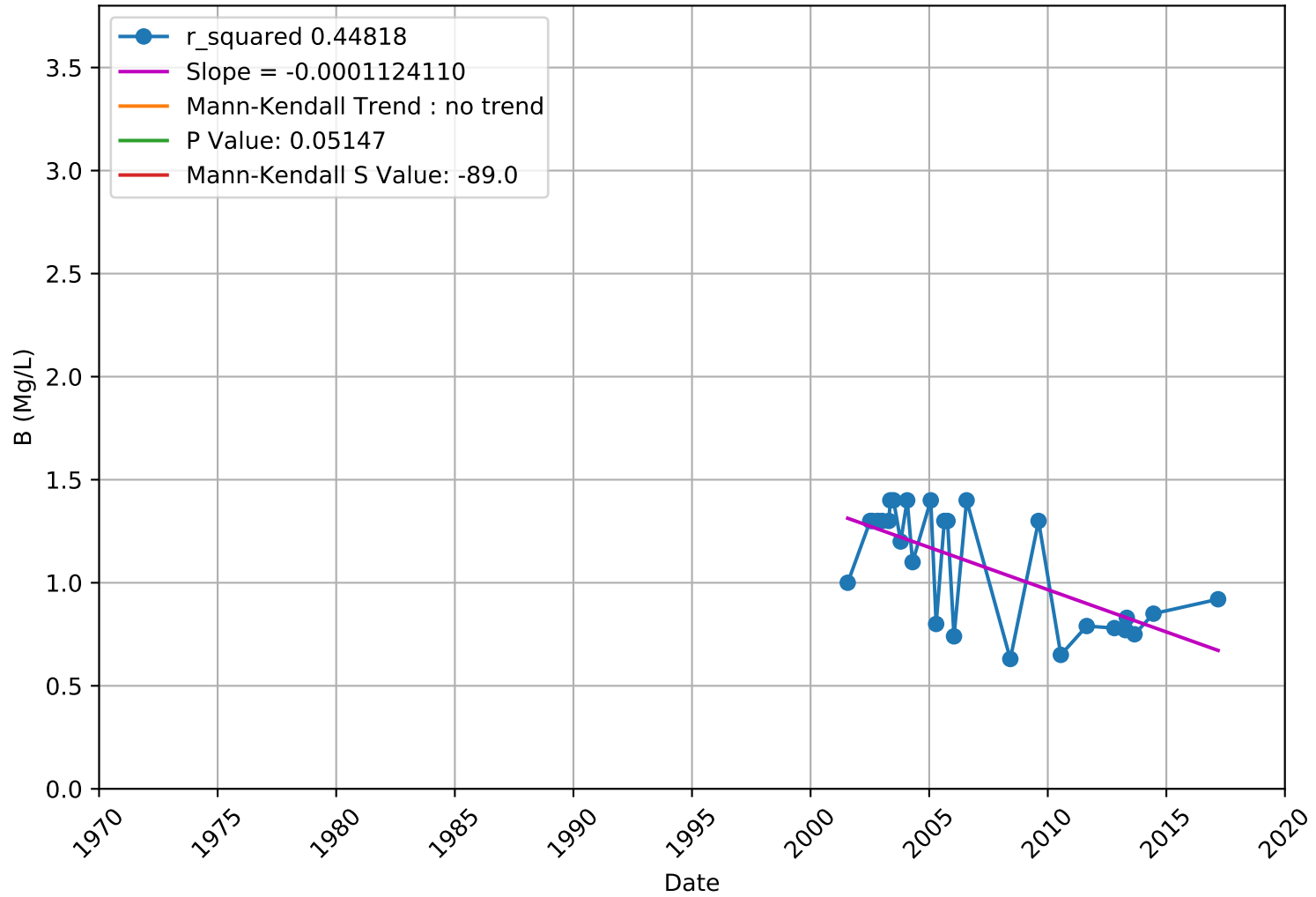
Boron

3910011-018 - Lower Aquifer



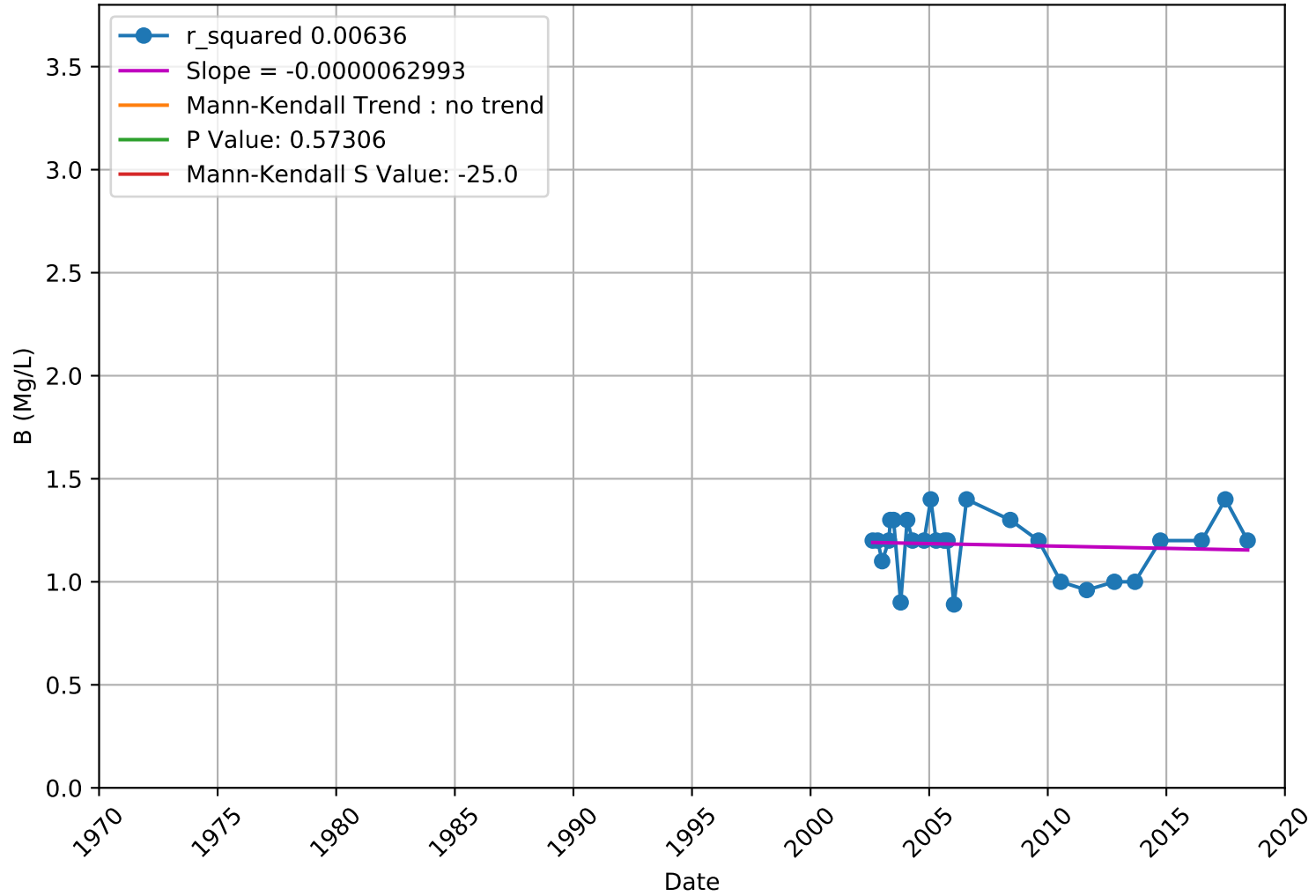
Boron

3910011-030 - Lower Aquifer



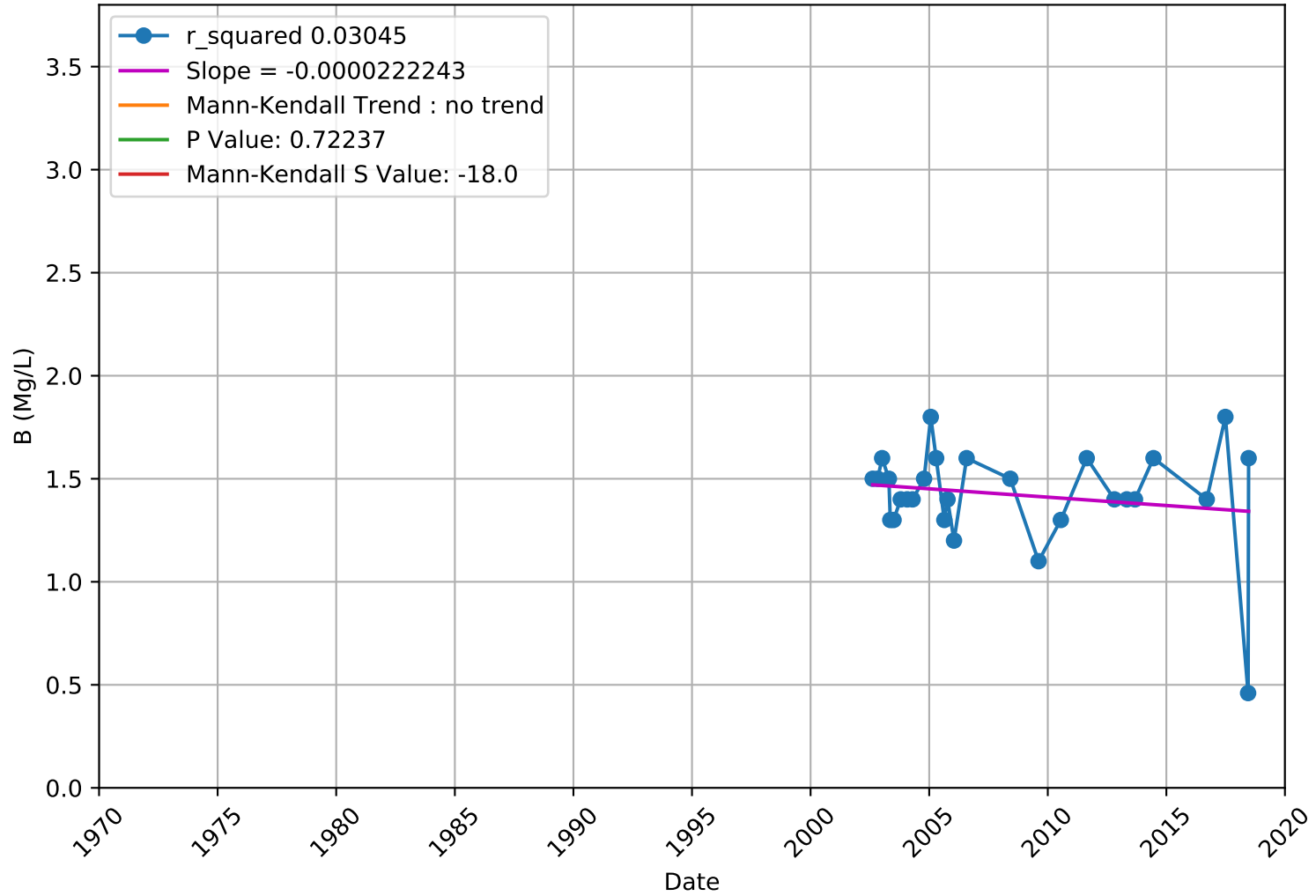
Boron

3910011-032 - Lower Aquifer



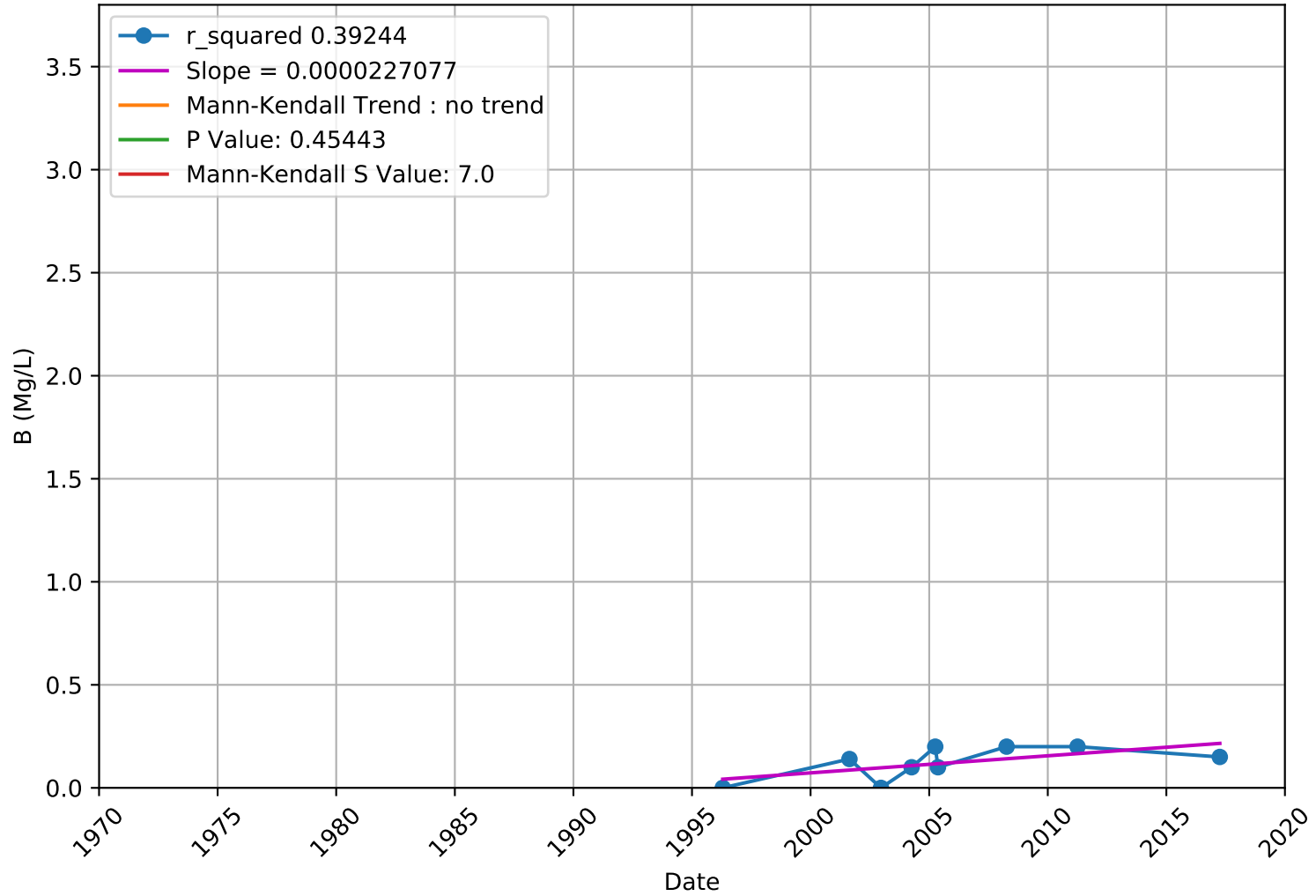
Boron

3910011-034 - Lower Aquifer



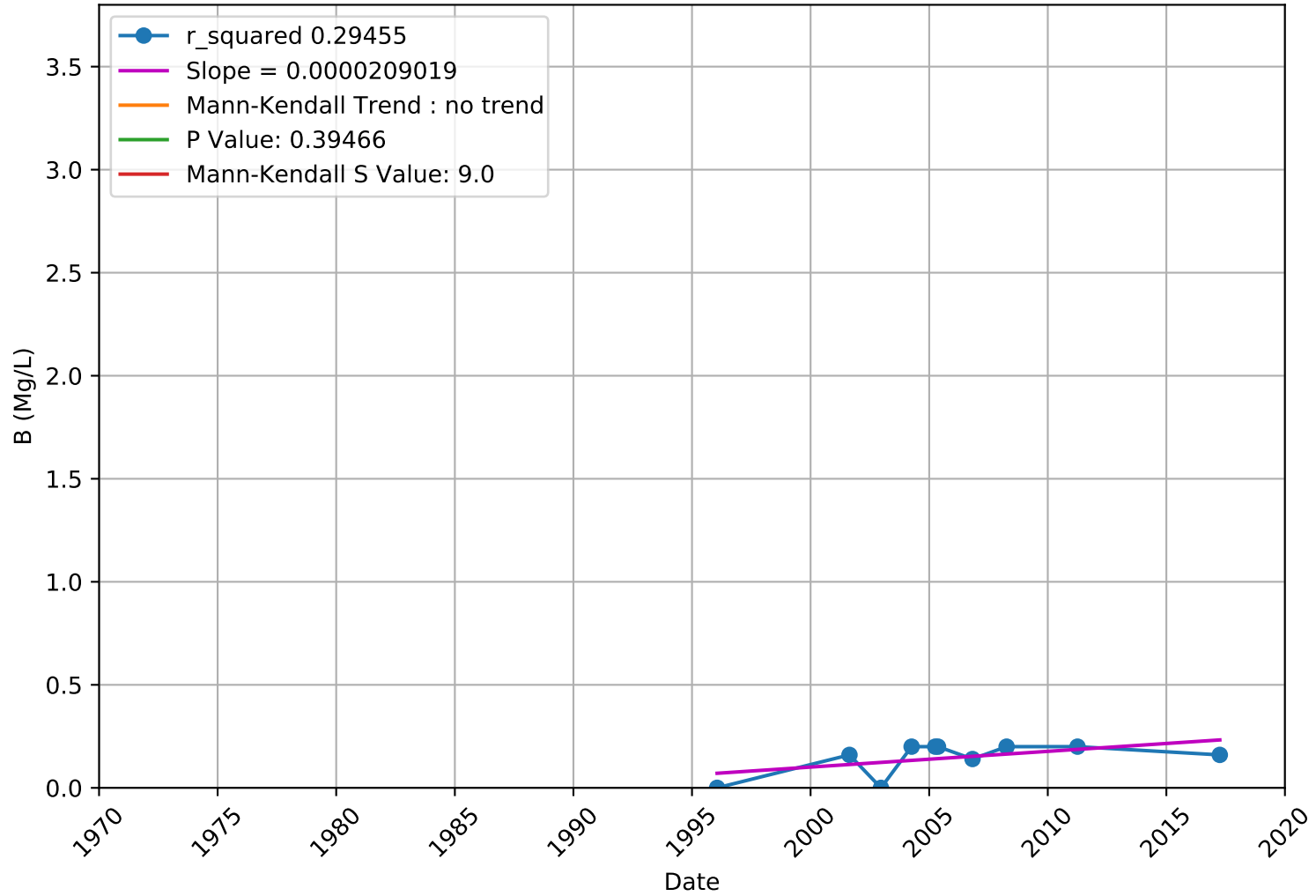
Boron

3910015-005 - Upper Aquifer



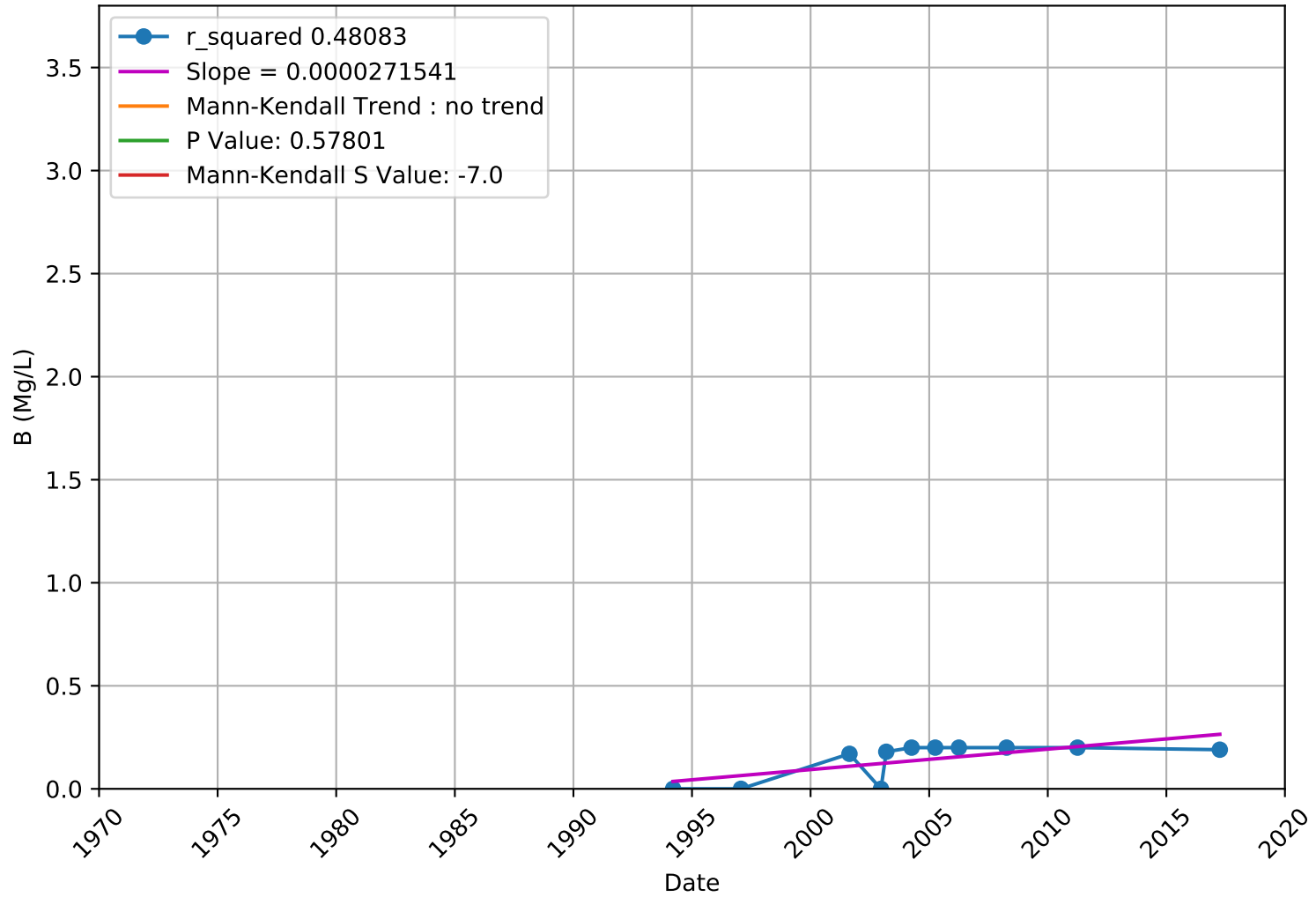
Boron

3910015-006 - Upper Aquifer



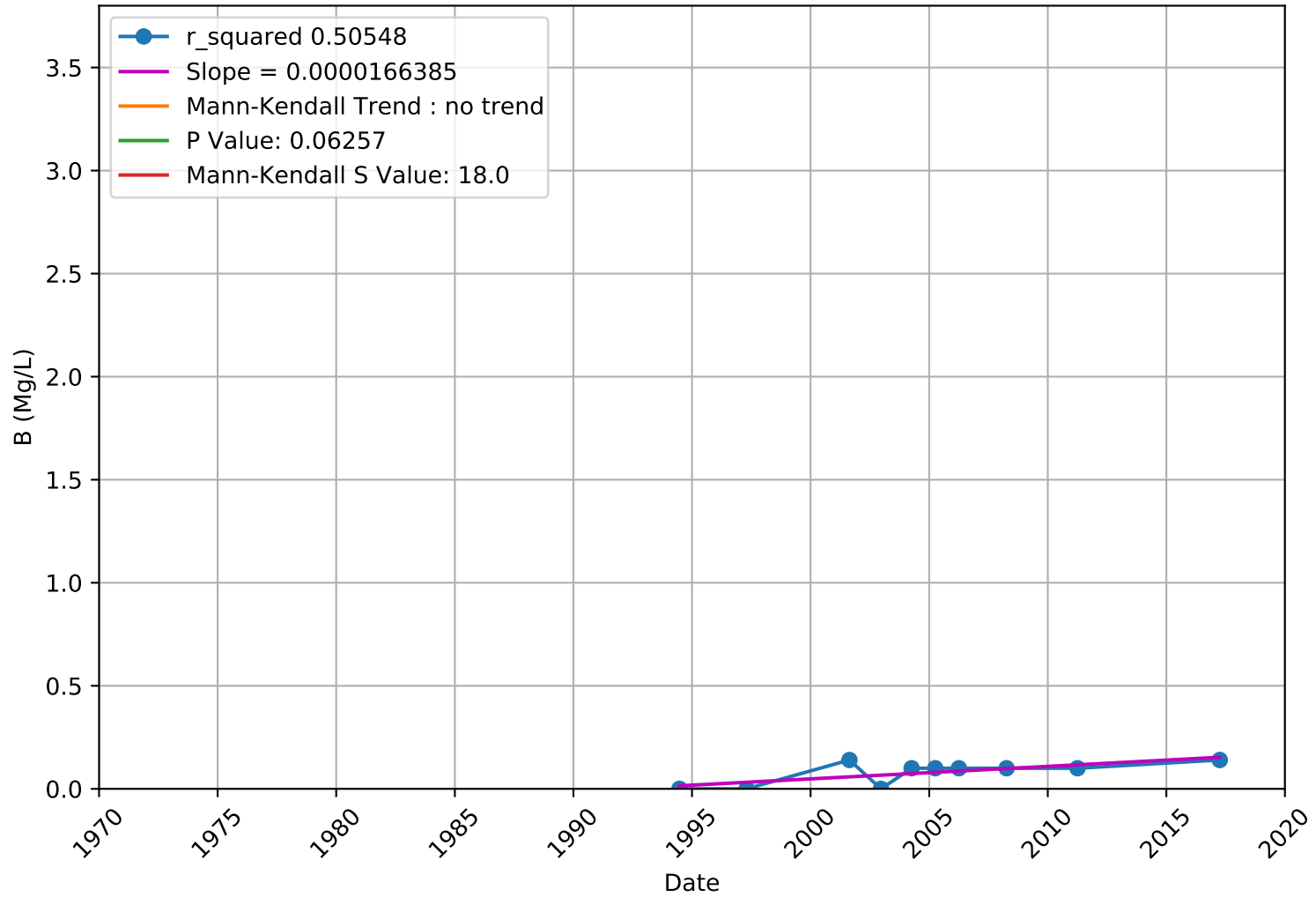
Boron

3910015-007 - Upper Aquifer



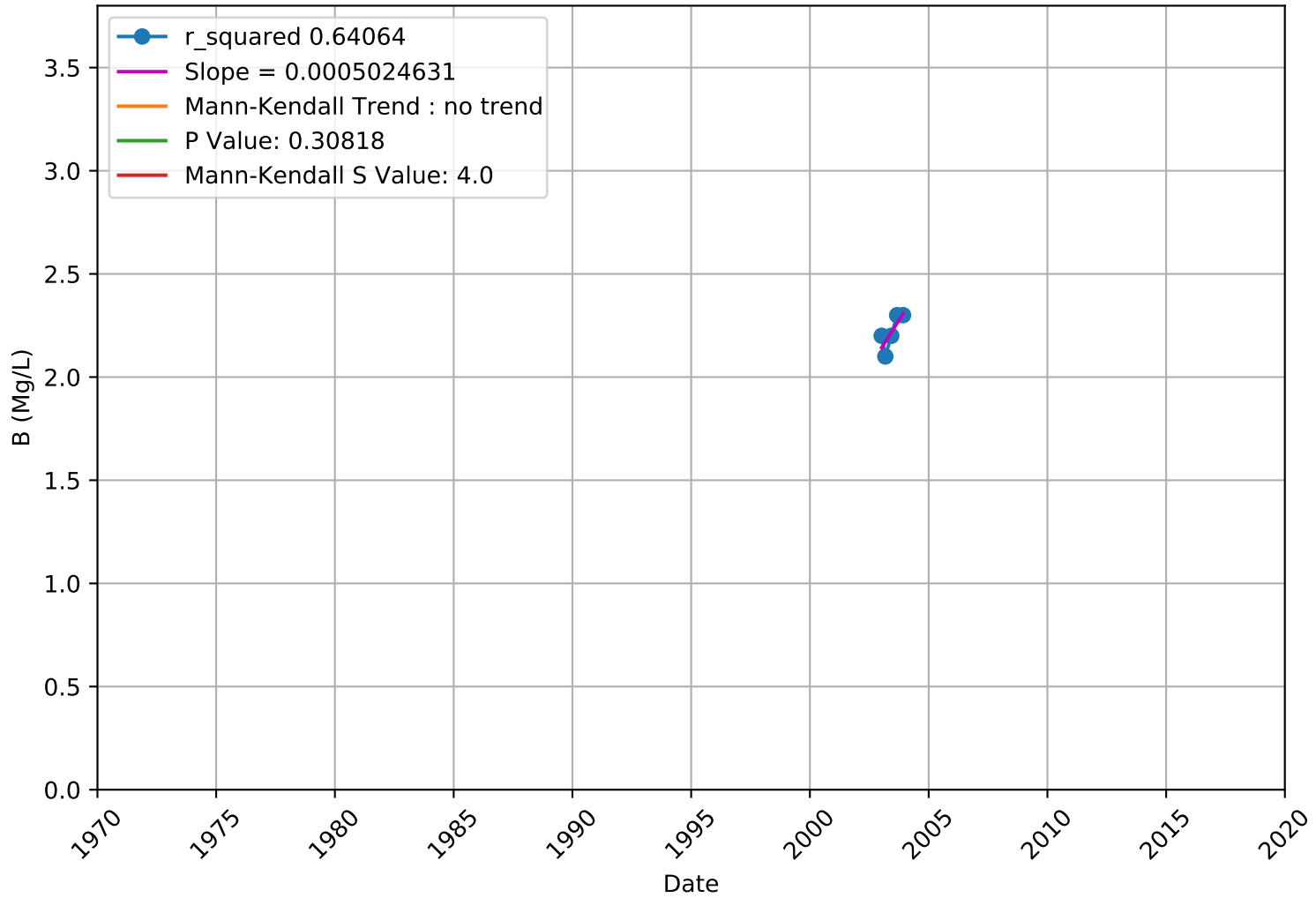
Boron

3910015-008 - Upper Aquifer



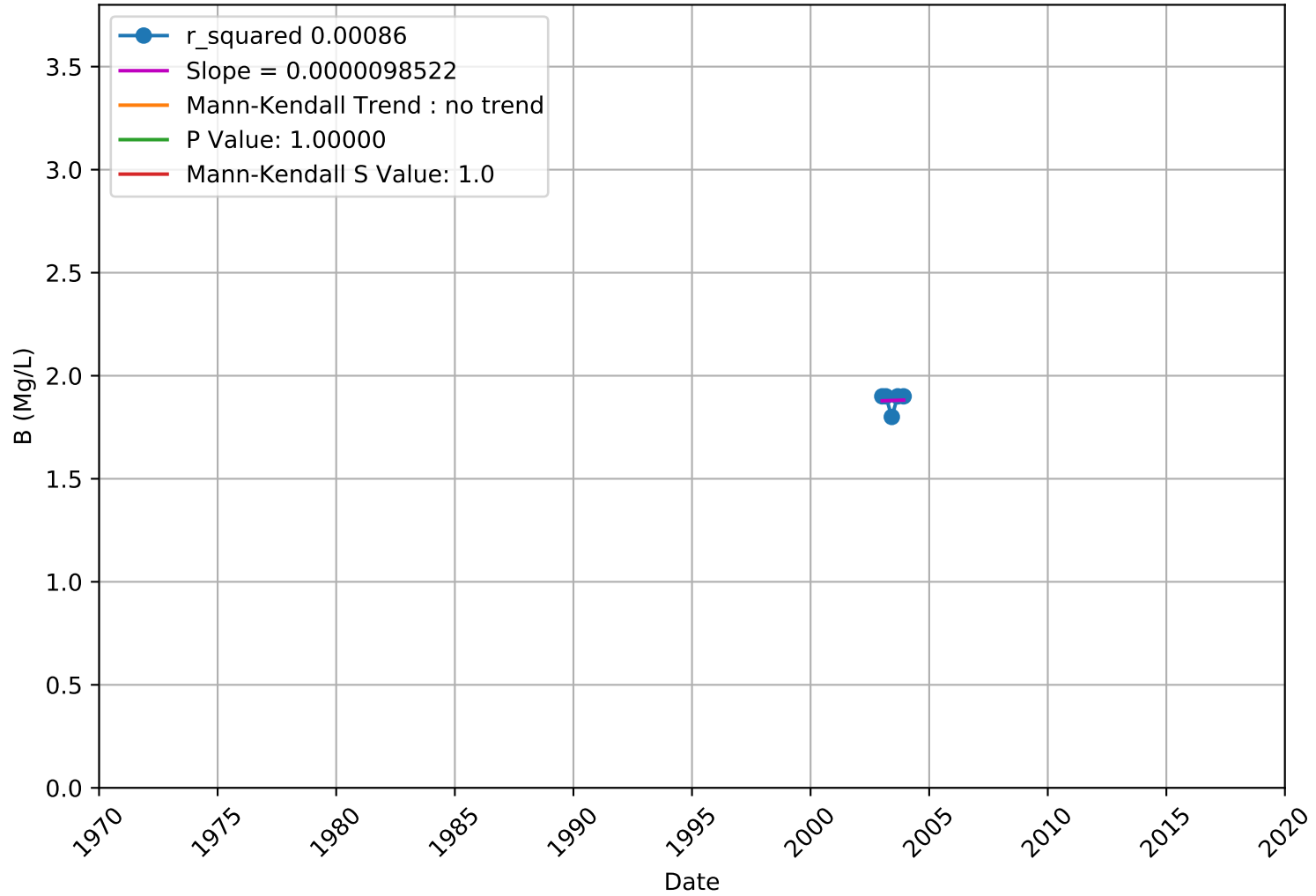
Boron

3910018-001 - Unknown Aquifer

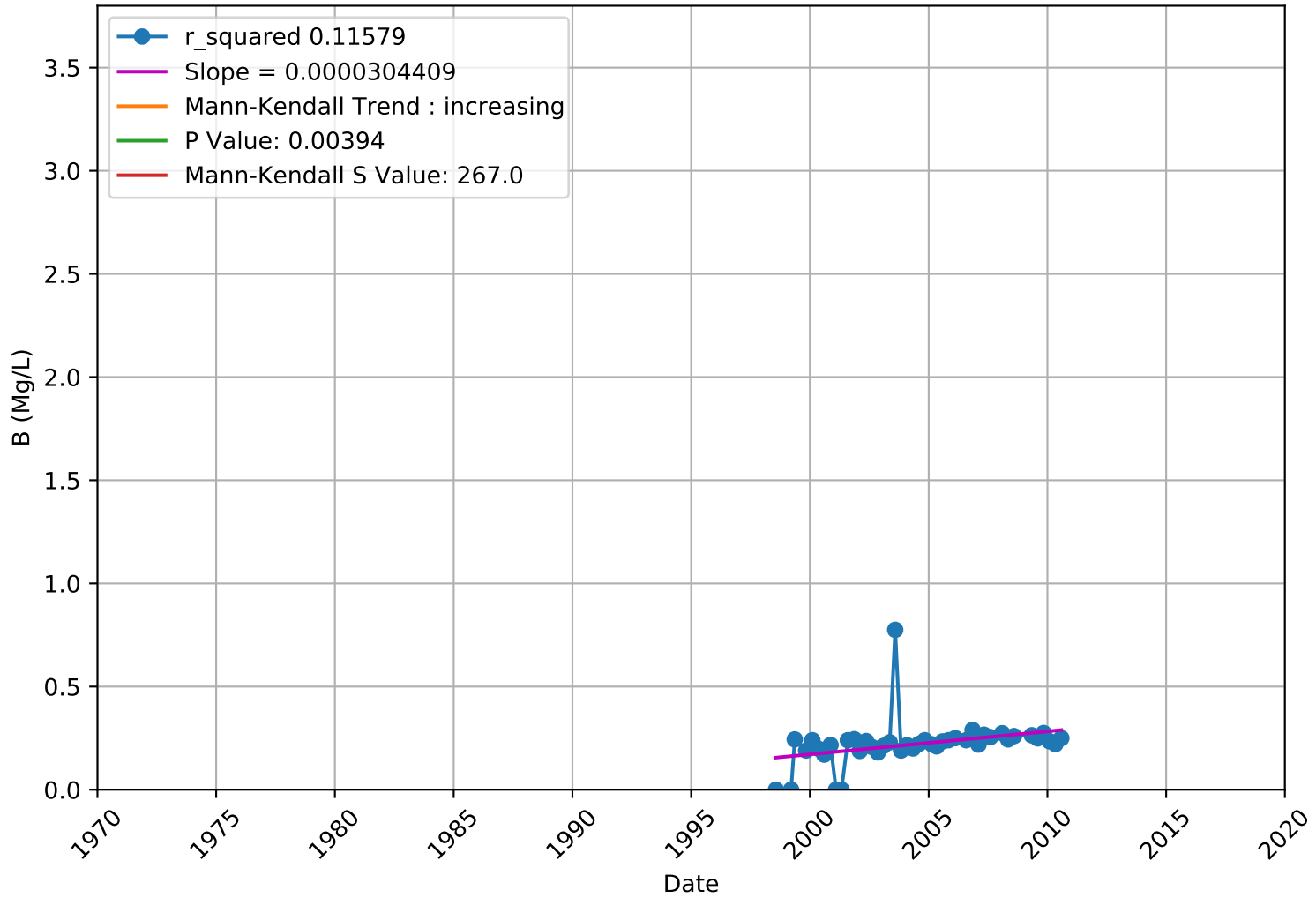


Boron

3910018-004 - Unknown Aquifer

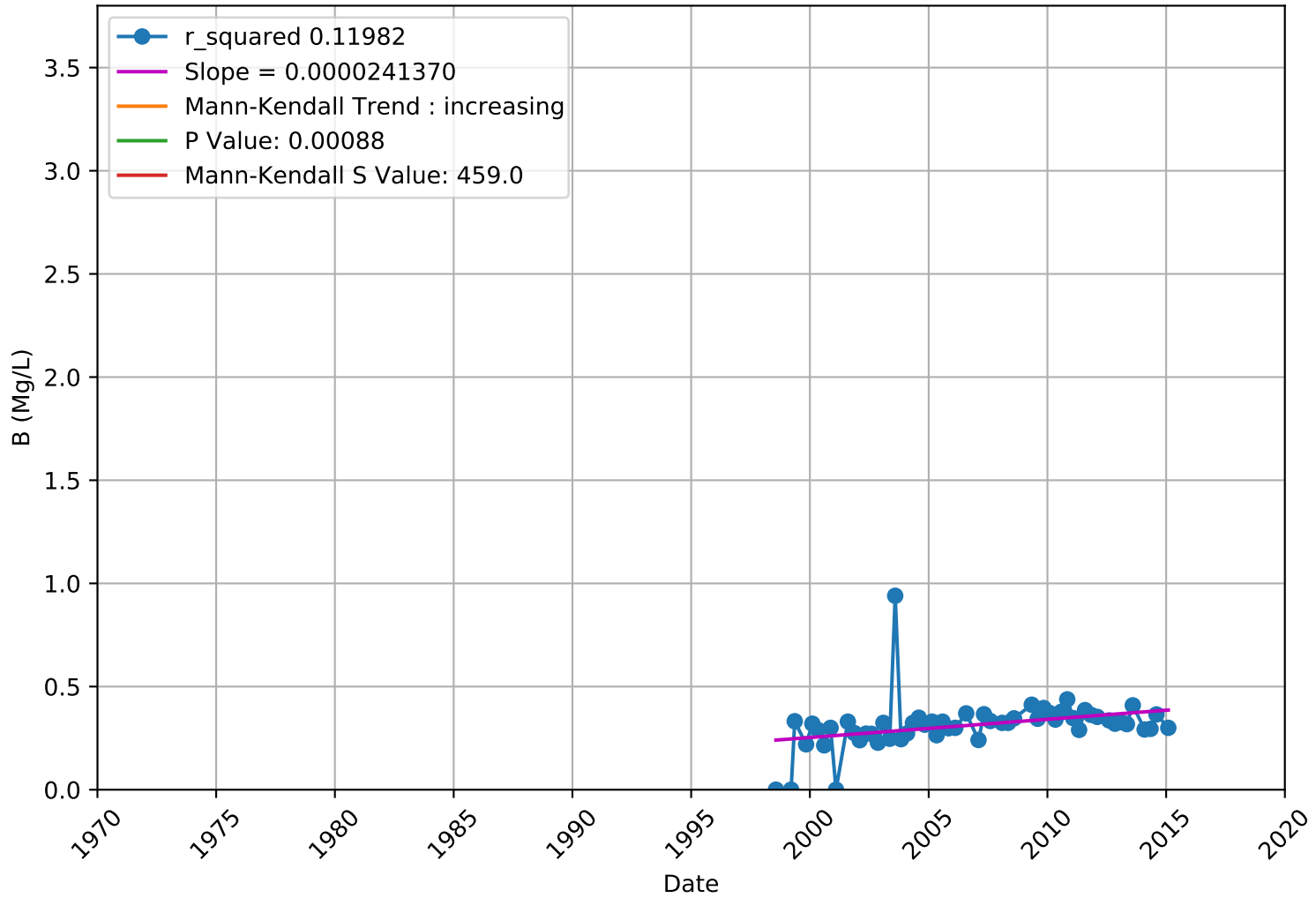


Boron 3910701-001 - Unknown Aquifer



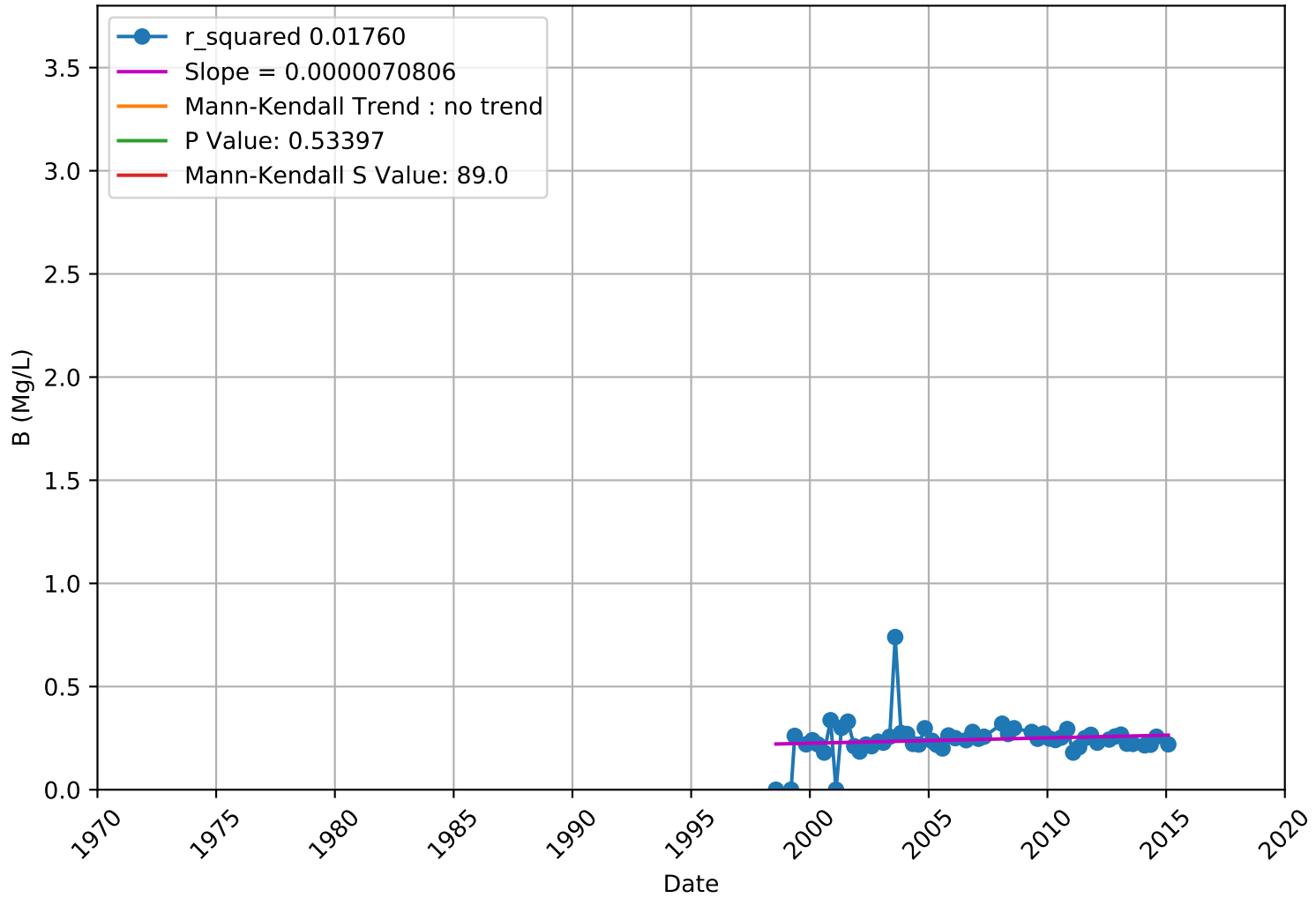
Boron

3910701-003 - Unknown Aquifer



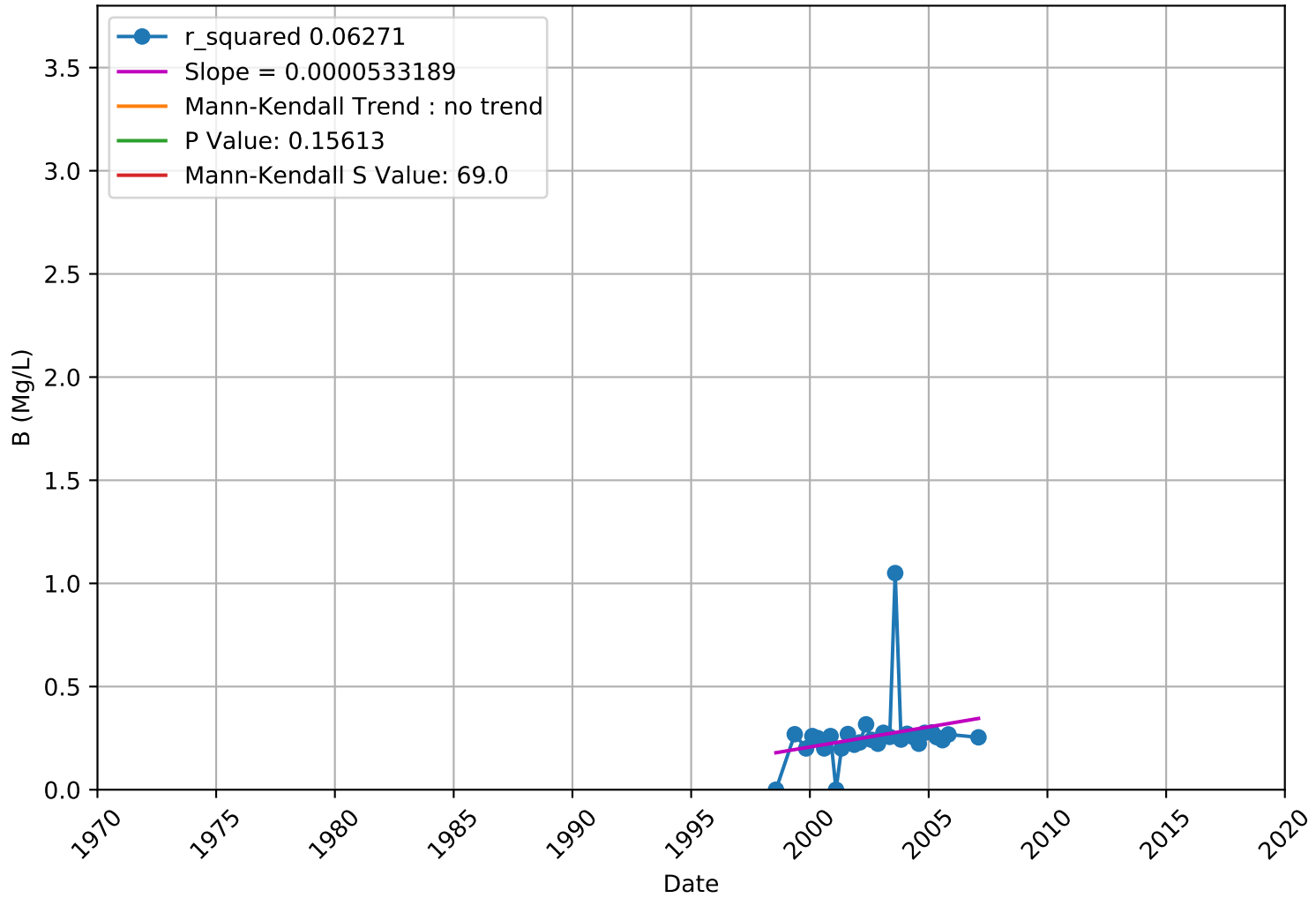
Boron

3910701-005 - Unknown Aquifer



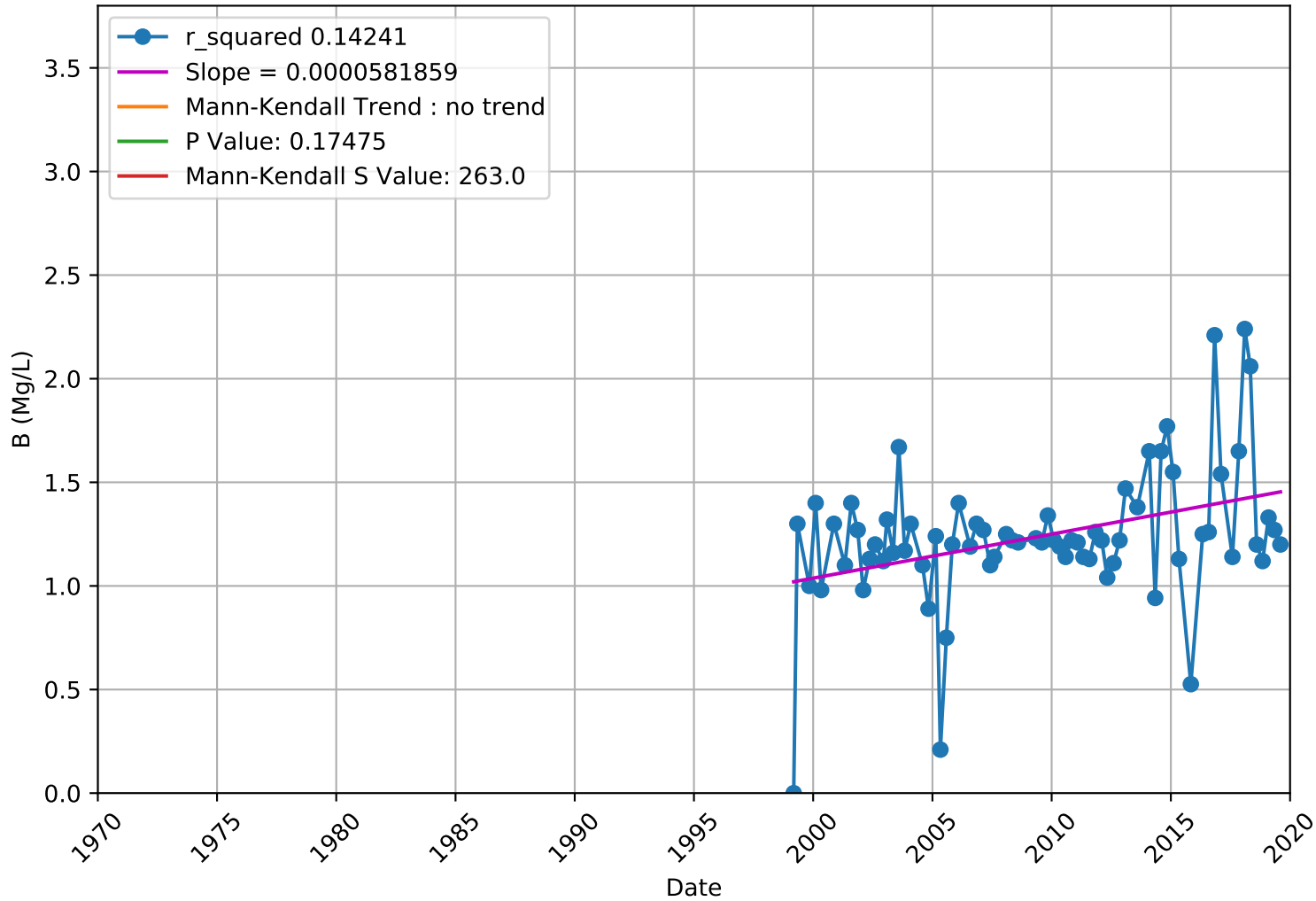
Boron

3910701-007 - Unknown Aquifer



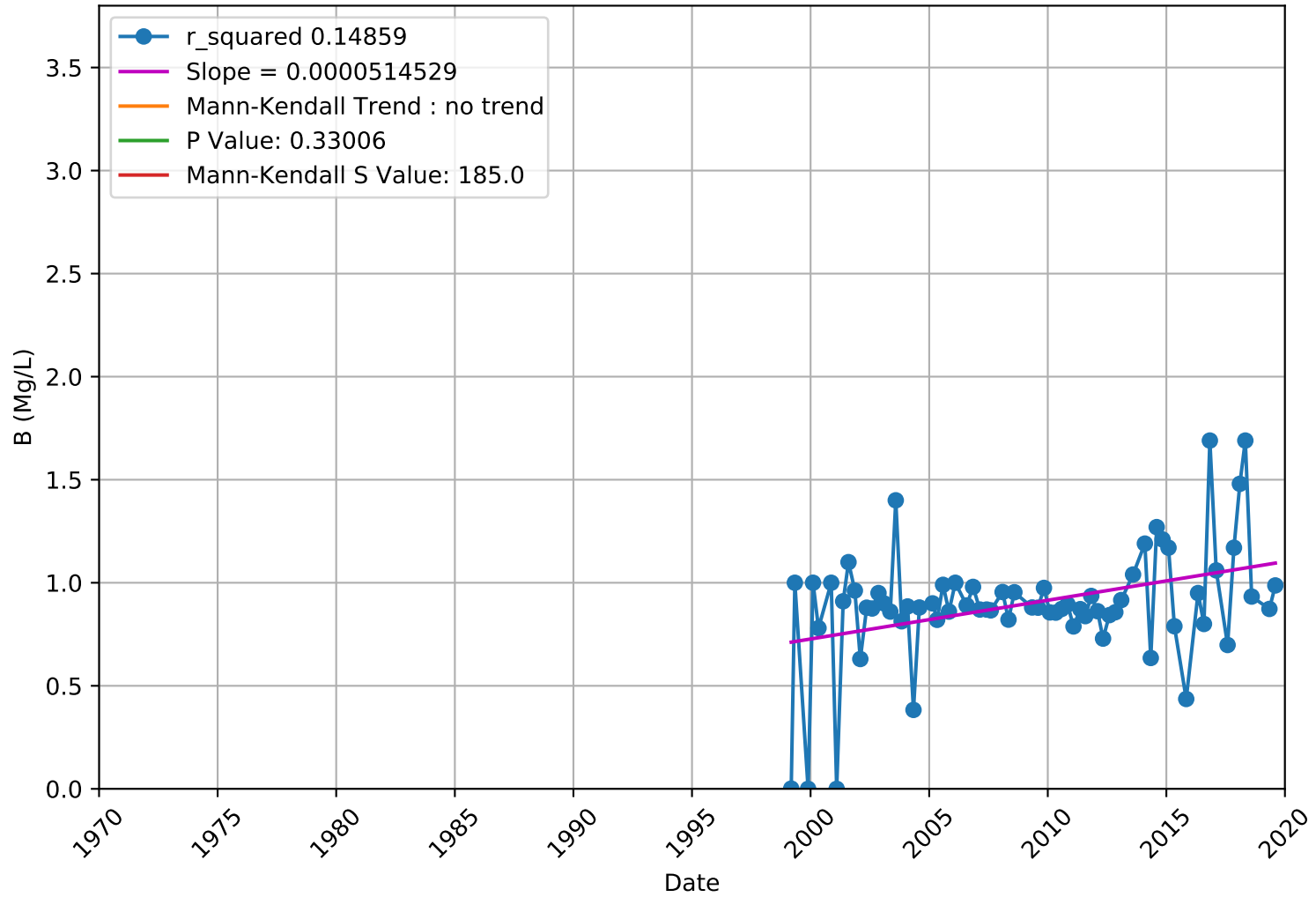
Boron

3910702-003 - Unknown Aquifer

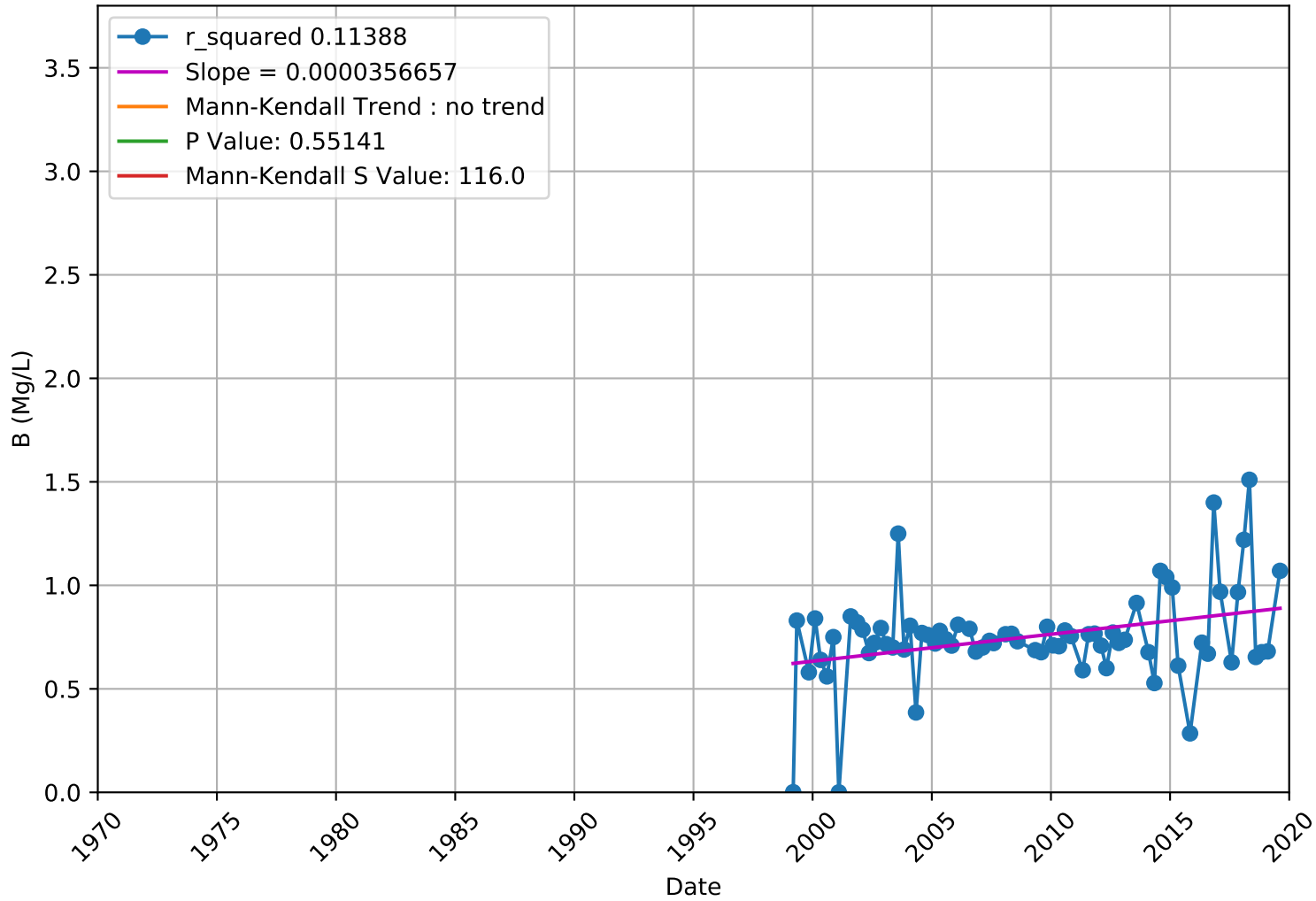


Boron

3910702-005 - Unknown Aquifer

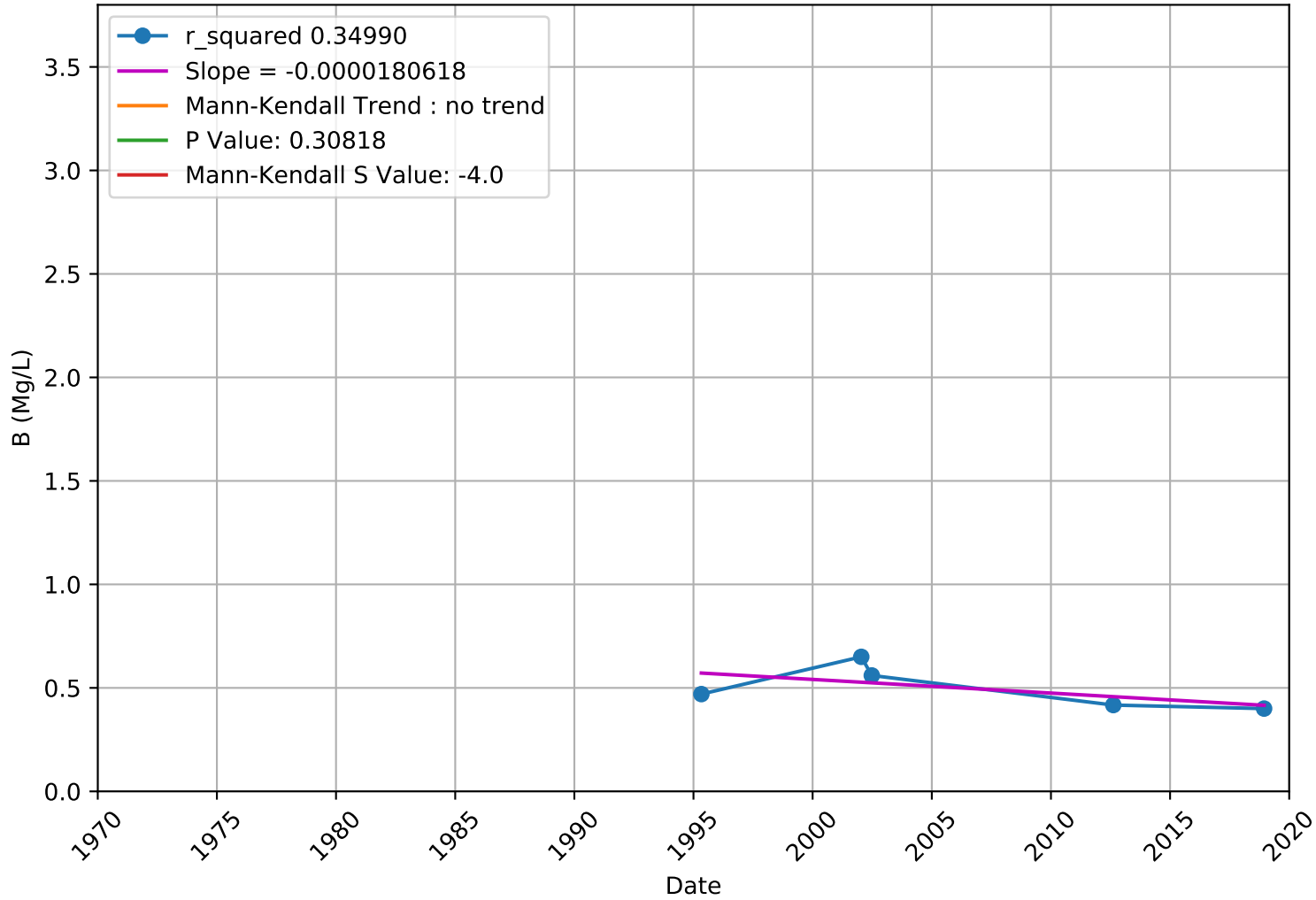


Boron 3910702-006 - Unknown Aquifer



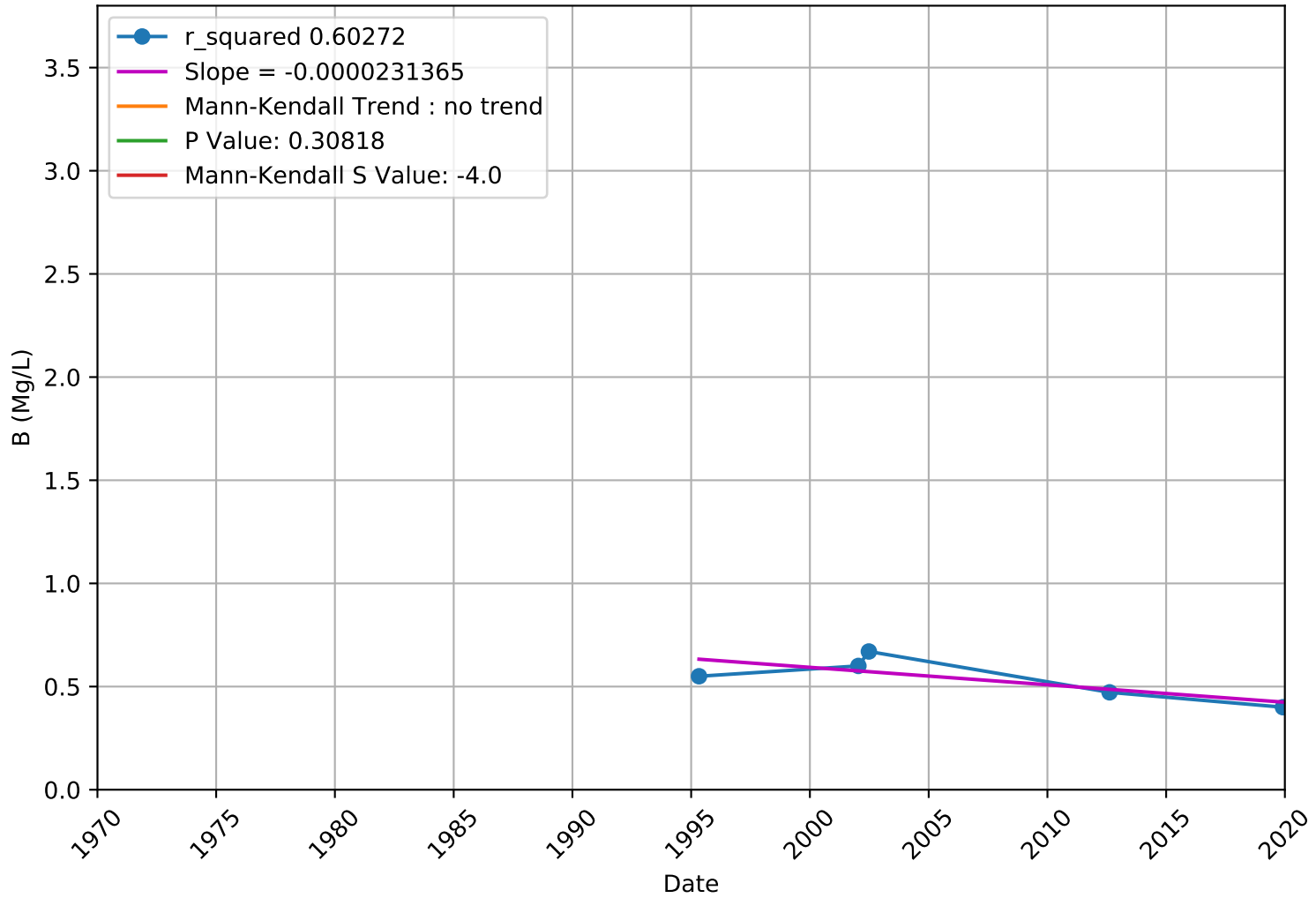
Boron

3910800-002 - Unknown Aquifer



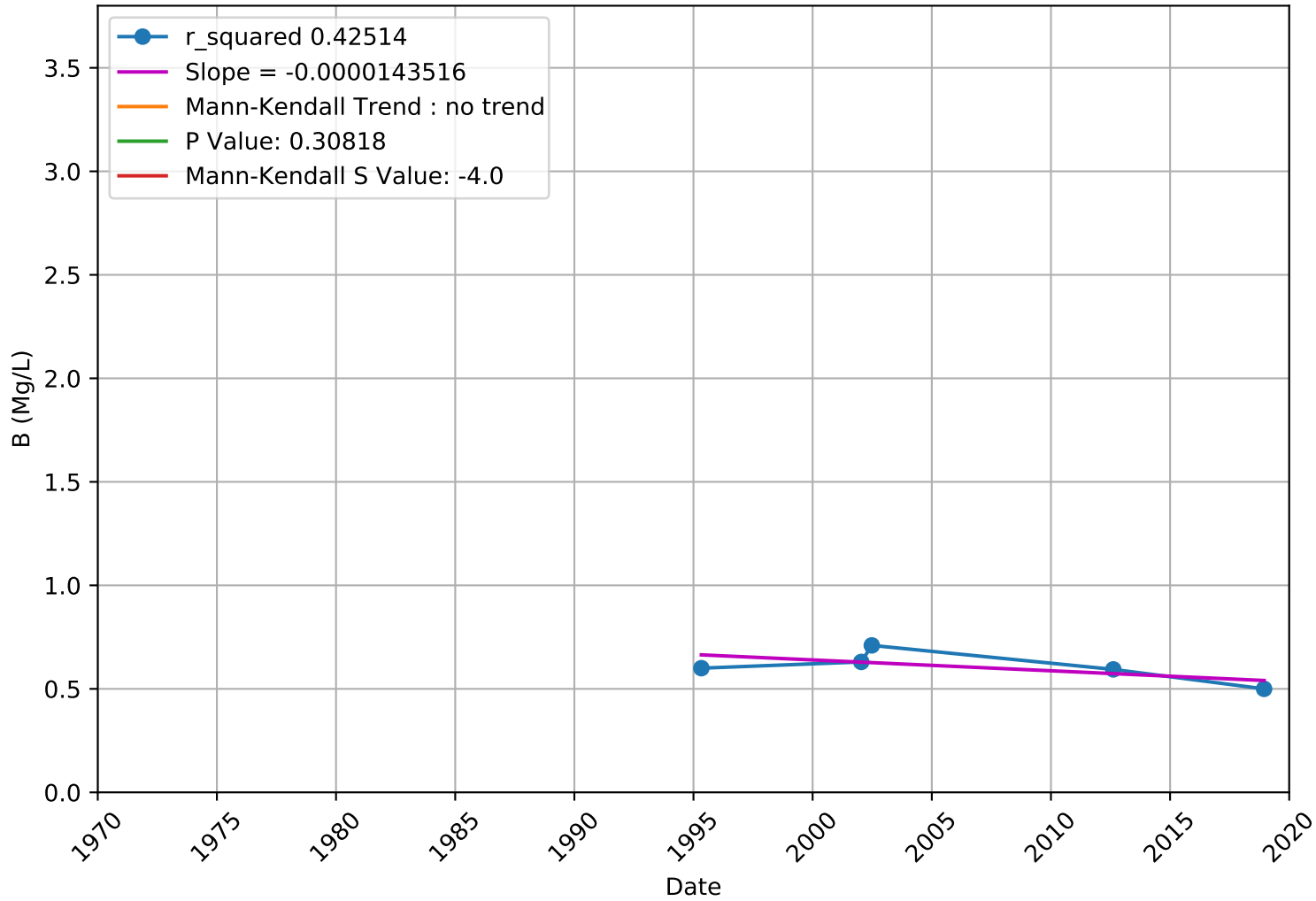
Boron

3910800-003 - Unknown Aquifer

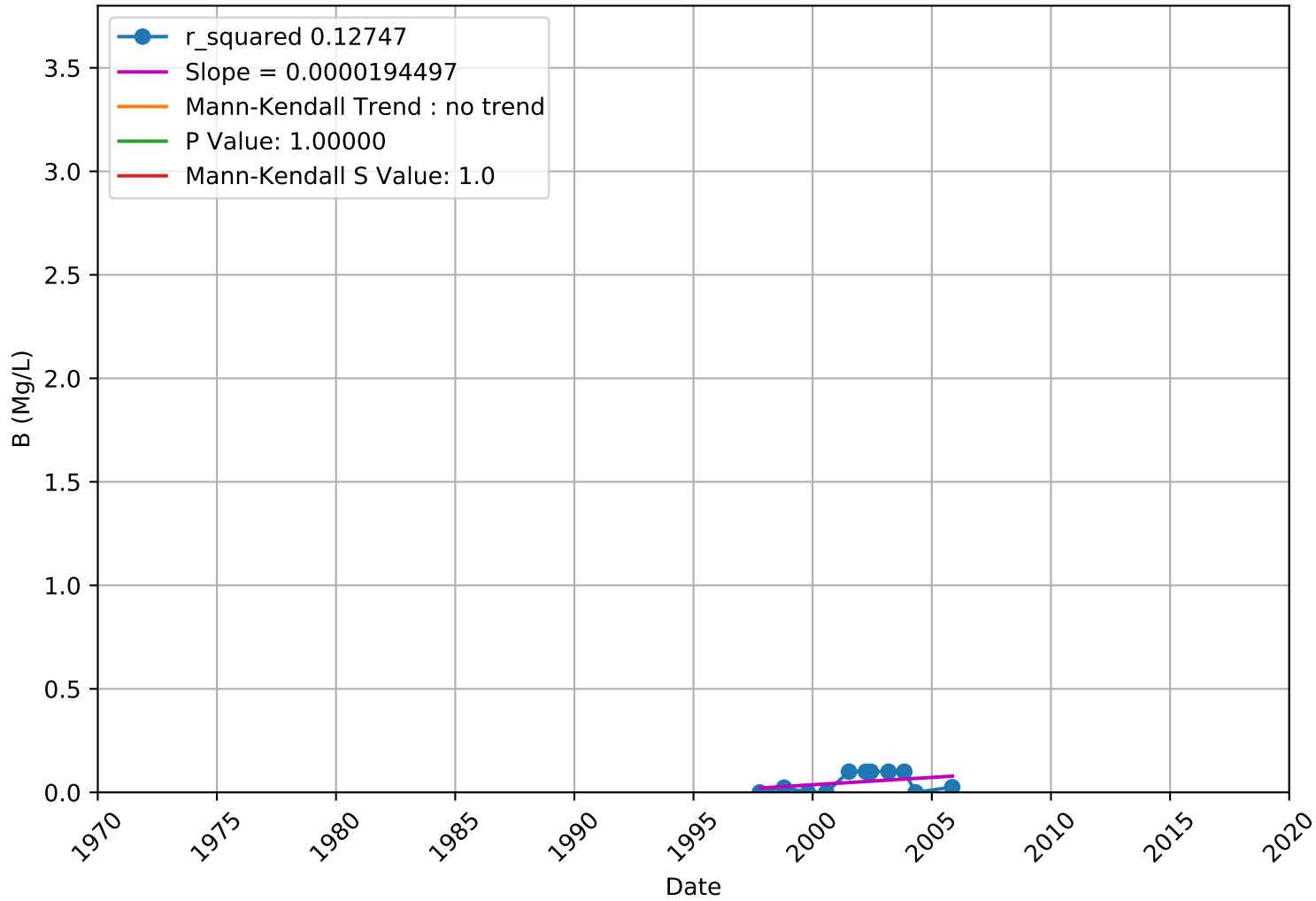


Boron

3910800-004 - Unknown Aquifer

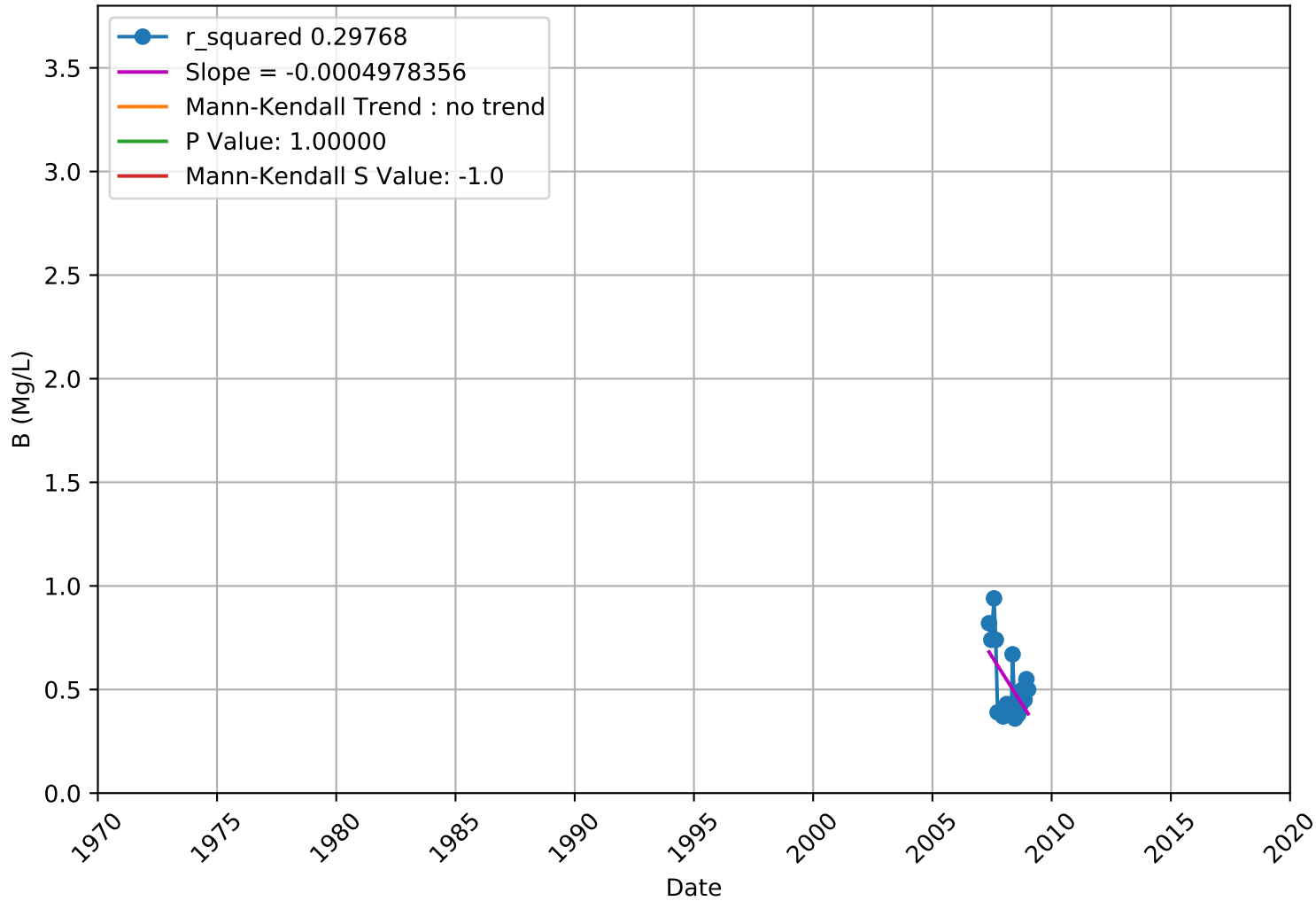


Boron 4110013-014 - Unknown Aquifer



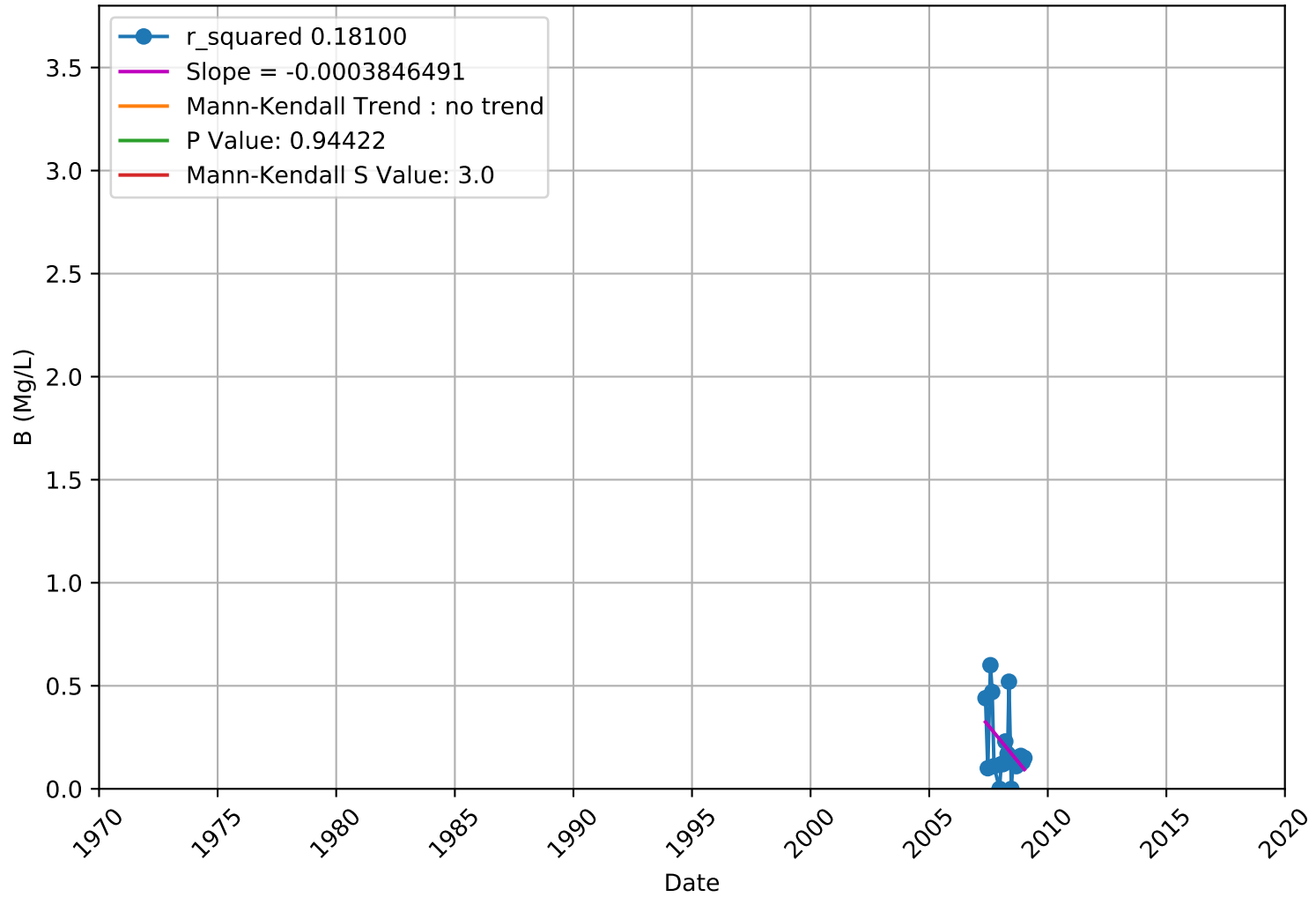
Boron

USGS-374046121155401 - Upper Aquifer



Boron

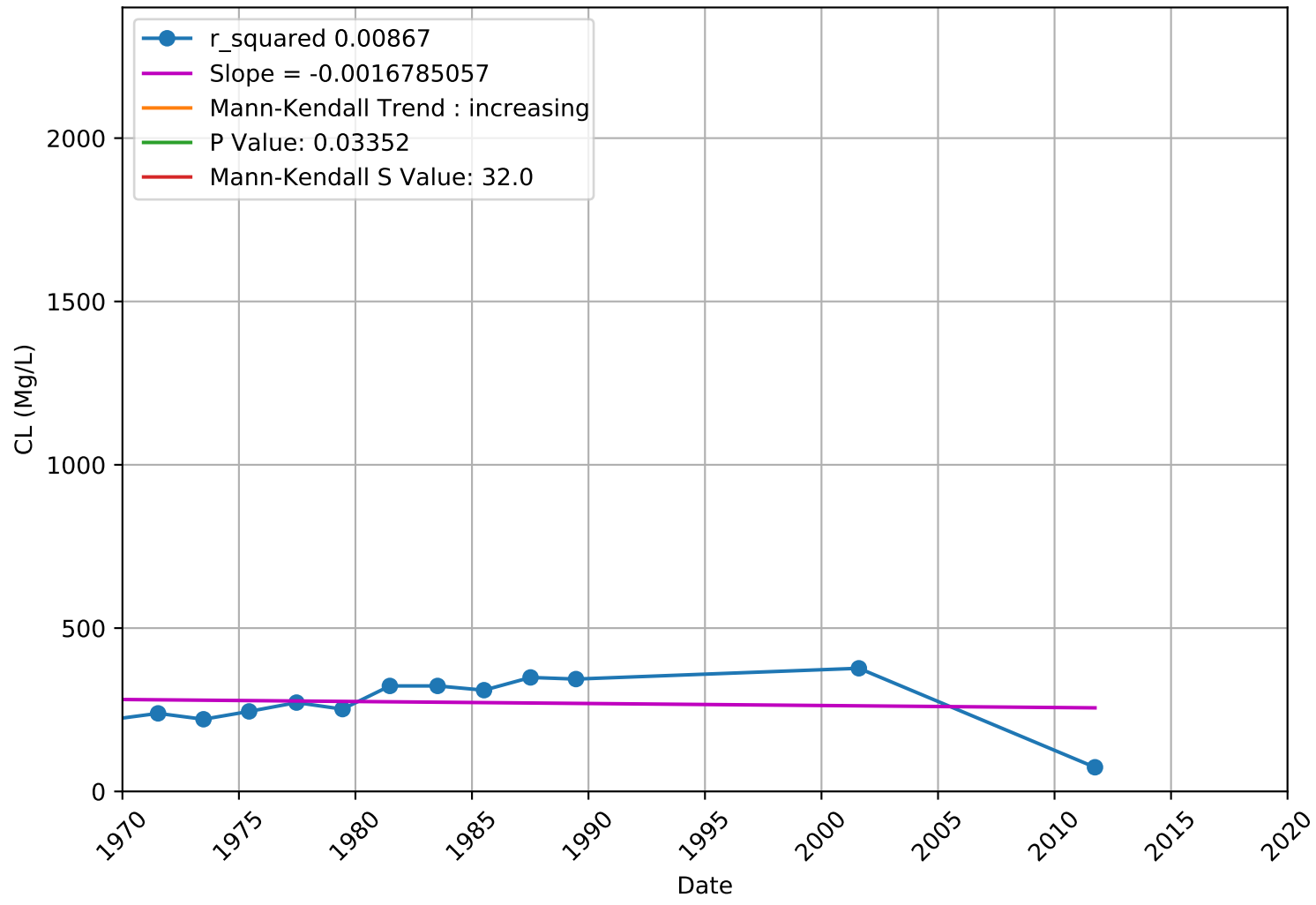
USGS-374046121155402 - Upper Aquifer



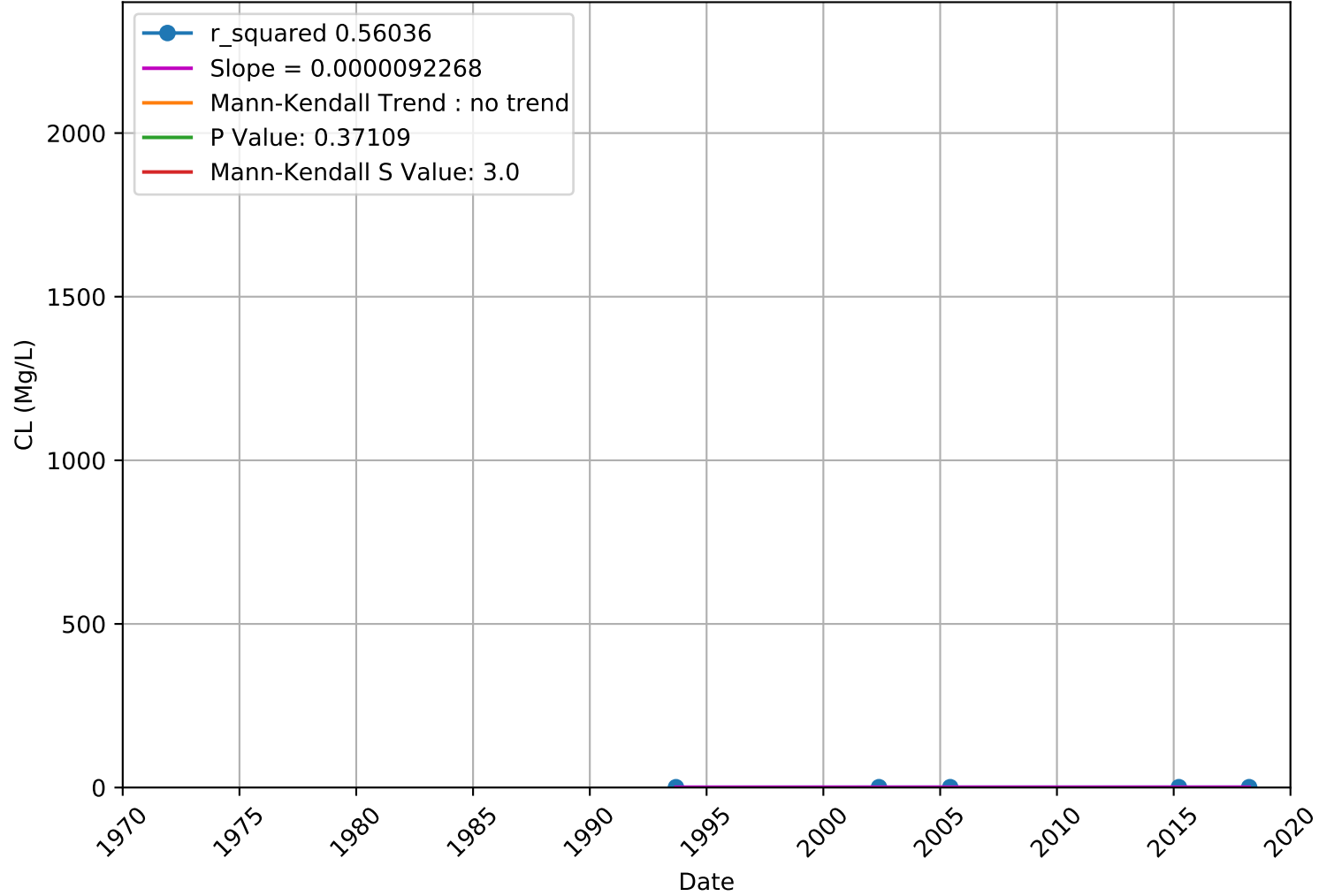
Chloride

WellName	Latitude_NAD83	Longitude_NAD83	chemical	h	p	s	tau	trend	var_s	z	PRINCIPAL_AQUIFER
02S05E25D002M	37.7351	-121.3833	CL	TRUE	0.034	32	0.485	increasing	212.667	2.126	Unknown
377061N1214199W001	37.7061	-121.4199	CL	TRUE	0.024	34	0.515	increasing	212.667	2.263	Upper
USGS-374223121250601	37.7063185	-121.4193886	CL	FALSE	0.348	10	0.278	no trend	92	0.938	Upper
USGS-374111121213901	37.6863186	-121.361887	CL	FALSE	0.221	6	0.6	no trend	16.667	1.225	Unknown
378410N1212865W001	37.841	-121.2865	CL	FALSE	0.26	7	0.467	no trend	28.333	1.127	Upper
3910011-007	37.714471	-121.426009	CL	FALSE	0.386	-8	-0.286	no trend	65.333	-0.866	Unknown
3910011-010	37.736372	-121.435351	CL	FALSE	0.62	-12	-0.1	no trend	491.333	-0.496	Unknown
3910702-003	37.705557	-121.39764	CL	TRUE	0	1159	0.358	increasing	60117	4.723	Unknown
3910701-003	37.85144	-121.2682	CL	TRUE	0.001	-571	-0.292	decreasing	28421	-3.381	Unknown
3910701-001	37.849584	-121.268763	CL	FALSE	0.054	-224	-0.19	no trend	13441.33	-1.923	Unknown
3910011-017	37.738215	-121.419962	CL	FALSE	0.086	8	0.8	no trend	16.667	1.715	Unknown
3910018-001	37.679751	-121.272617	CL	FALSE	0.755	-5	-0.091	no trend	165	-0.311	Unknown
4300611-002	37.994444	-121.499722	CL	FALSE	0.764	-3	-0.143	no trend	44.333	-0.3	Unknown
3910015-005	37.816859	-121.266705	CL	FALSE	0.127	-26	-0.333	no trend	268.667	-1.525	Upper
3910011-003	37.683959	-121.439427	CL	FALSE	0.727	19	0.047	no trend	2661	0.349	Lower
3910800-002	37.744188	-121.32701	CL	TRUE	0.034	176	0.238	increasing	6832.667	2.117	Unknown
3910800-003	37.74545	-121.32897	CL	TRUE	0.007	153	0.352	increasing	3141.667	2.712	Unknown
3910800-001	37.744746	-121.327221	CL	FALSE	0.221	6	0.6	no trend	16.667	1.225	Unknown
3910800-004	37.74591	-121.336213	CL	FALSE	0.242	109	0.127	no trend	8514.333	1.17	Unknown
3100014-001	37.716956	-121.379533	CL	FALSE	0.371	3	0.5	no trend	5	0.894	Unknown
3910701-005	37.851301	-121.2673	CL	TRUE	0.044	-325	-0.178	decreasing	25822.33	-2.016	Unknown
3910011-004	37.682308	-121.436988	CL	FALSE	0.853	-8	-0.032	no trend	1419.333	-0.186	Lower
3910011-006	37.686539	-121.443515	CL	FALSE	0.638	-21	-0.07	no trend	1803	-0.471	Lower
3910011-005	37.683353	-121.443313	CL	TRUE	0.014	145	0.312	increasing	3442.333	2.454	Lower
3910015-006	37.818884	-121.266416	CL	FALSE	1	-1	-0.015	no trend	211.667	0	Upper
3910015-007	37.811547	-121.263915	CL	FALSE	0.625	9	0.115	no trend	267.667	0.489	Upper
3910015-008	37.801132	-121.262514	CL	FALSE	0.118	16	0.444	no trend	92	1.564	Upper
3910011-018	37.743262	-121.424805	CL	FALSE	0.061	81	0.27	no trend	1830.333	1.87	Lower
3910018-004	37.679705	-121.272761	CL	FALSE	0.764	-3	-0.143	no trend	44.333	-0.3	Unknown
3910701-007	37.851431	-121.265247	CL	FALSE	0.051	-105	-0.259	no trend	2841	-1.951	Unknown
3910702-006	37.709972	-121.390802	CL	TRUE	0.022	482	0.183	increasing	44092	2.291	Unknown
3910702-005	37.708149	-121.393881	CL	TRUE	0.013	-520	-0.198	decreasing	44092	-2.472	Unknown
4110013-014	37.7	-121.466667	CL	TRUE	0.049	23	0.511	increasing	125	1.968	Unknown
3900991-001	37.743544	-121.461428	CL	FALSE	0.089	6	1	no trend	8.667	1.698	Unknown
3910011-030	37.740208	-121.439285	CL	TRUE	0.007	-124	-0.382	decreasing	2057.333	-2.712	Lower
3901348-002	37.702894	-121.406986	CL	FALSE	0.086	-8	-0.8	no trend	16.667	-1.715	Unknown
3900713-001	37.84	-121.44	CL	FALSE	0.251	12	0.333	no trend	92	1.147	Unknown
3901172-002	37.636324	-121.399544	CL	FALSE	0.221	6	0.6	no trend	16.667	1.225	Unknown
3901172-003	37.632289	-121.39736	CL	FALSE	0.707	3	0.2	no trend	28.333	0.376	Unknown
3900702-001	37.990639	-121.407056	CL	FALSE	0.613	-3	-0.3	no trend	15.667	-0.505	Unknown
3900583-001	37.84	-121.44	CL	FALSE	0.221	6	0.6	no trend	16.667	1.225	Unknown
3901216-002	37.74753	-121.516649	CL	FALSE	0.26	7	0.467	no trend	28.333	1.127	Unknown
3900559-001	37.79	-121.38	CL	FALSE	0.734	-2	-0.333	no trend	8.667	-0.34	Unknown
3900558-002	37.79	-121.4	CL	FALSE	0.806	2	0.2	no trend	16.667	0.245	Unknown
3910011-034	37.752802	-121.434603	CL	FALSE	0.374	43	0.123	no trend	2234.333	0.889	Lower
3910011-032	37.754682	-121.465249	CL	FALSE	0.113	-68	-0.227	no trend	1786.667	-1.585	Lower
3901348-003	37.698742	-121.409917	CL	FALSE	0.548	-5	-0.238	no trend	44.333	-0.601	Unknown
3901348-004	37.698147	-121.416153	CL	FALSE	0.707	-3	-0.2	no trend	28.333	-0.376	Unknown
377427N1213943W002	37.742656	-121.394318	CL	FALSE	0.837	5	0.048	no trend	379	0.205	Lower
377427N1213943W001	37.742656	-121.394318	CL	FALSE	0.76	7	0.067	no trend	384.333	0.306	Lower
377427N1213943W003	37.742656	-121.394318	CL	TRUE	0.033	-44	-0.419	decreasing	407.333	-2.131	Lower
377402N1214508W001	37.740187	-121.450762	CL	FALSE	0.181	-28	-0.267	no trend	407.333	-1.338	Lower
377143N1214459W002	37.714305	-121.445905	CL	FALSE	0.088	34	0.324	no trend	373.333	1.708	Lower
377143N1214459W003	37.714305	-121.445905	CL	FALSE	0.915	3	0.029	no trend	351.667	0.107	Lower
377402N1214508W003	37.740187	-121.450762	CL	FALSE	0.69	9	0.086	no trend	403.667	0.398	Lower
377402N1214508W002	37.740187	-121.450762	CL	TRUE	0.018	-49	-0.467	decreasing	408.333	-2.375	Lower
377143N1214459W001	37.714305	-121.445905	CL	FALSE	0.4	-18	-0.171	no trend	407.333	-0.842	Lower
377656N1214199W001	37.765631	-121.41992	CL	FALSE	0.073	-25	-0.379	no trend	179.667	-1.791	Lower
377656N1214199W002	37.765631	-121.41992	CL	FALSE	1	-1	-0.022	no trend	111.667	0	Lower
377656N1214199W003	37.765631	-121.41992	CL	FALSE	0.673	7	0.09	no trend	202.333	0.422	Lower
377149N1214257W003	37.714872	-121.425674	CL	FALSE	1	-1	-0.015	no trend	47.667	0	Lower
377149N1214257W002	37.714872	-121.425674	CL	FALSE	0.492	-11	-0.167	no trend	211.667	-0.687	Lower
377149N1214257W001	37.714872	-121.425674	CL	FALSE	0.169	-21	-0.318	no trend	211.667	-1.375	Lower
377031N1214485W002	37.703055	-121.448544	CL	FALSE	0.137	-25	-0.321	no trend	260.333	-1.487	Lower
377031N1214485W001	37.703055	-121.448544	CL	TRUE	0.007	-45	-0.577	decreasing	267.667	-2.689	Lower
377031N1214485W003	37.703055	-121.448544	CL	FALSE	0.204	-20	-0.256	no trend	223.333	-1.271	Lower
3910005-044	37.782808	-121.300937	CL	FALSE	0.371	-3	-0.5	no trend	5	-0.894	Unknown
3910800-006	37.744722	-121.329167	CL	TRUE	0	212	0.456	increasing	3444	3.595	Unknown
USGS-374046121155402	37.6793611	-121.2650278	CL	FALSE	0.327	29	0.17	no trend	817	0.98	Upper
USGS-374046121155401	37.6793611	-121.2650278	CL	FALSE	0.972	-2	-0.012	no trend	816	-0.035	Upper

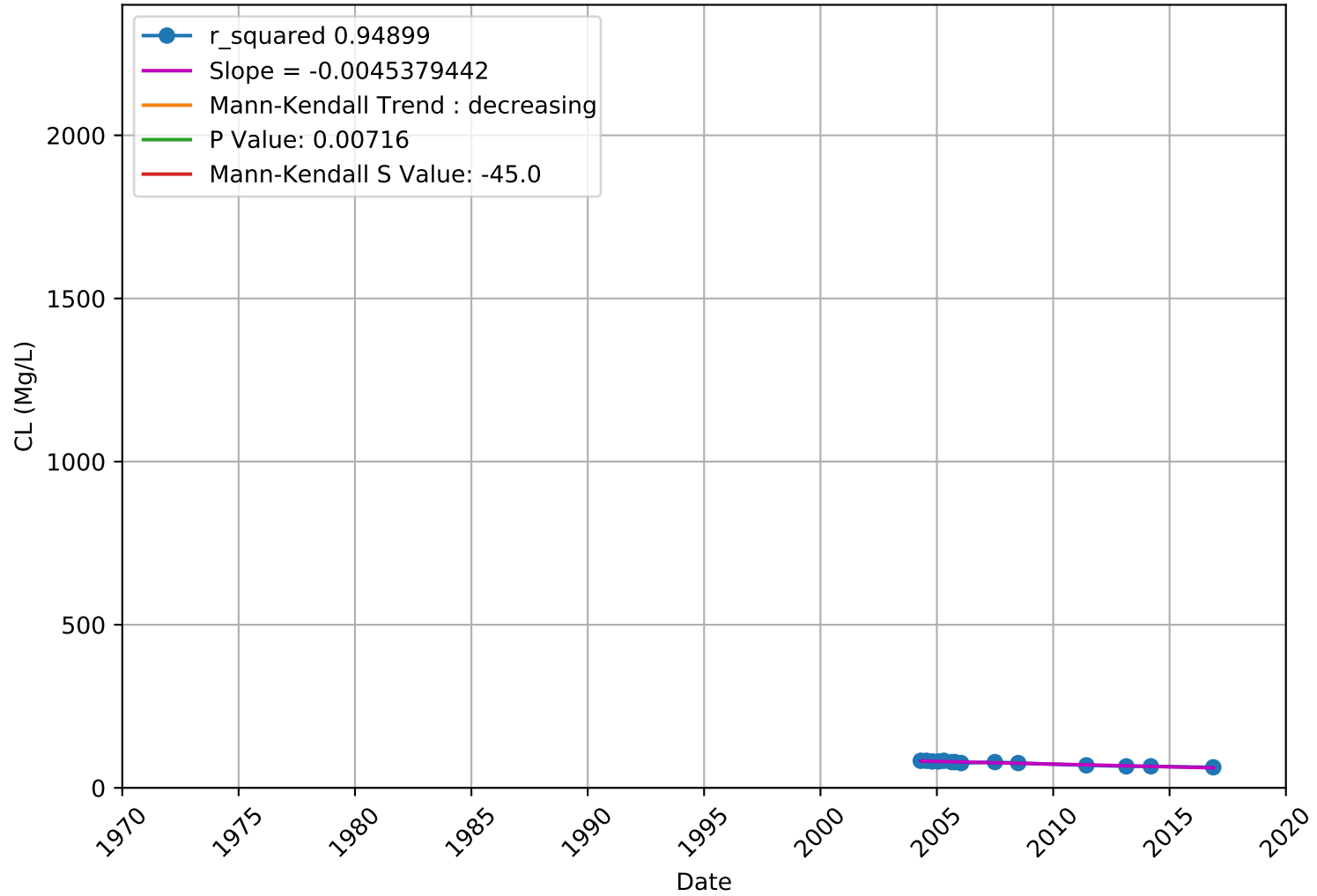
CL 02S05E25D002M - Unknown Aquifer



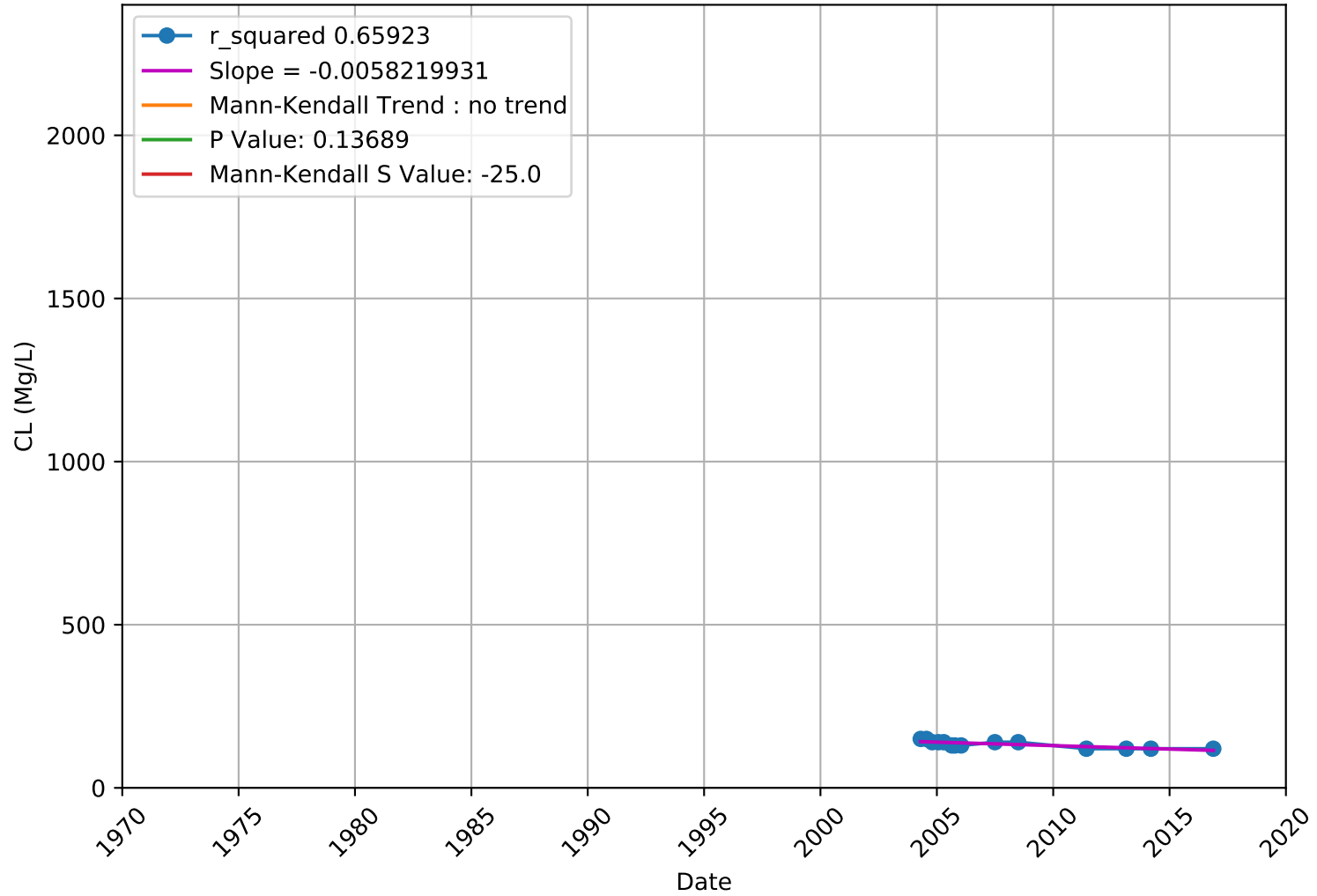
CL 3100014-001 - Unknown Aquifer



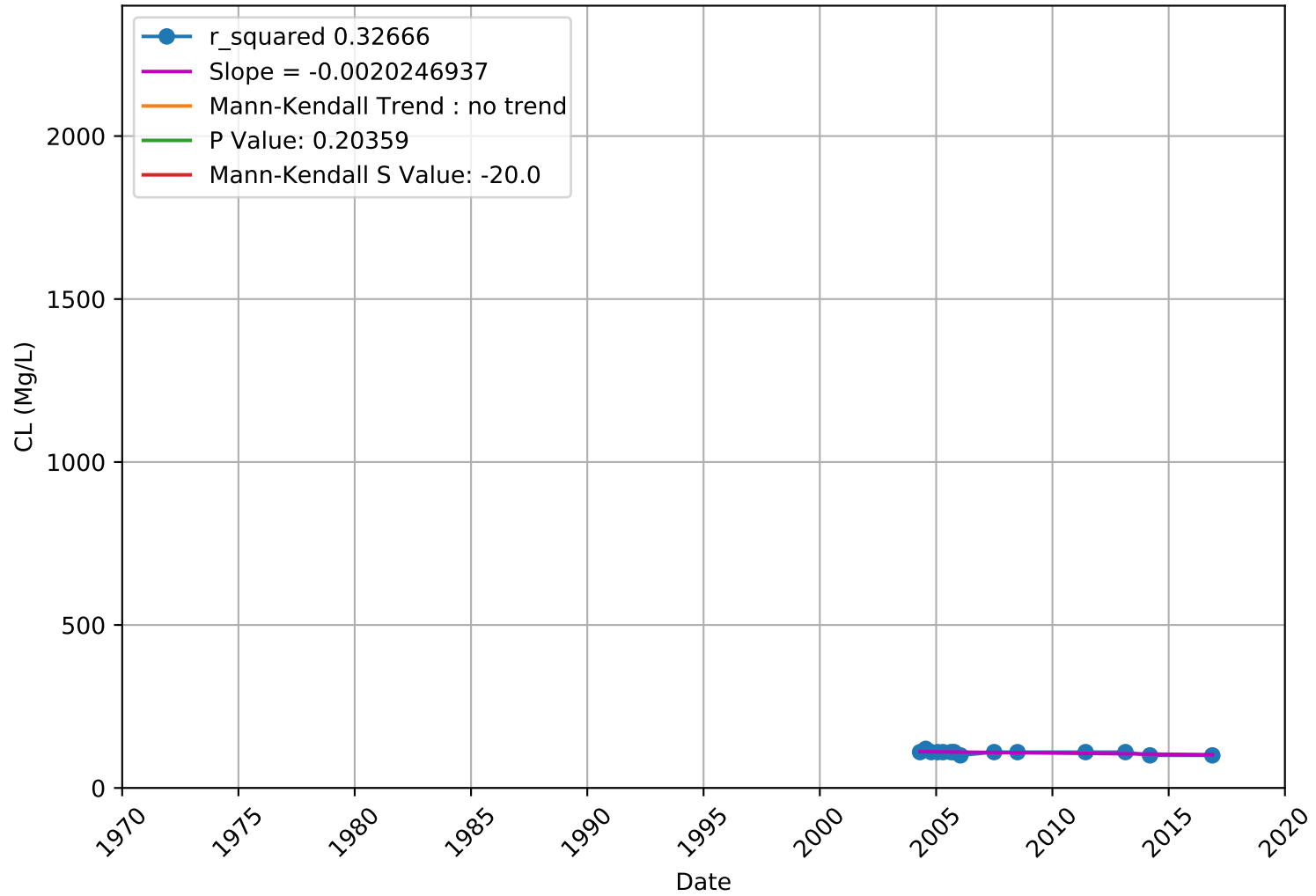
CL
377031N1214485W001 - Lower Aquifer



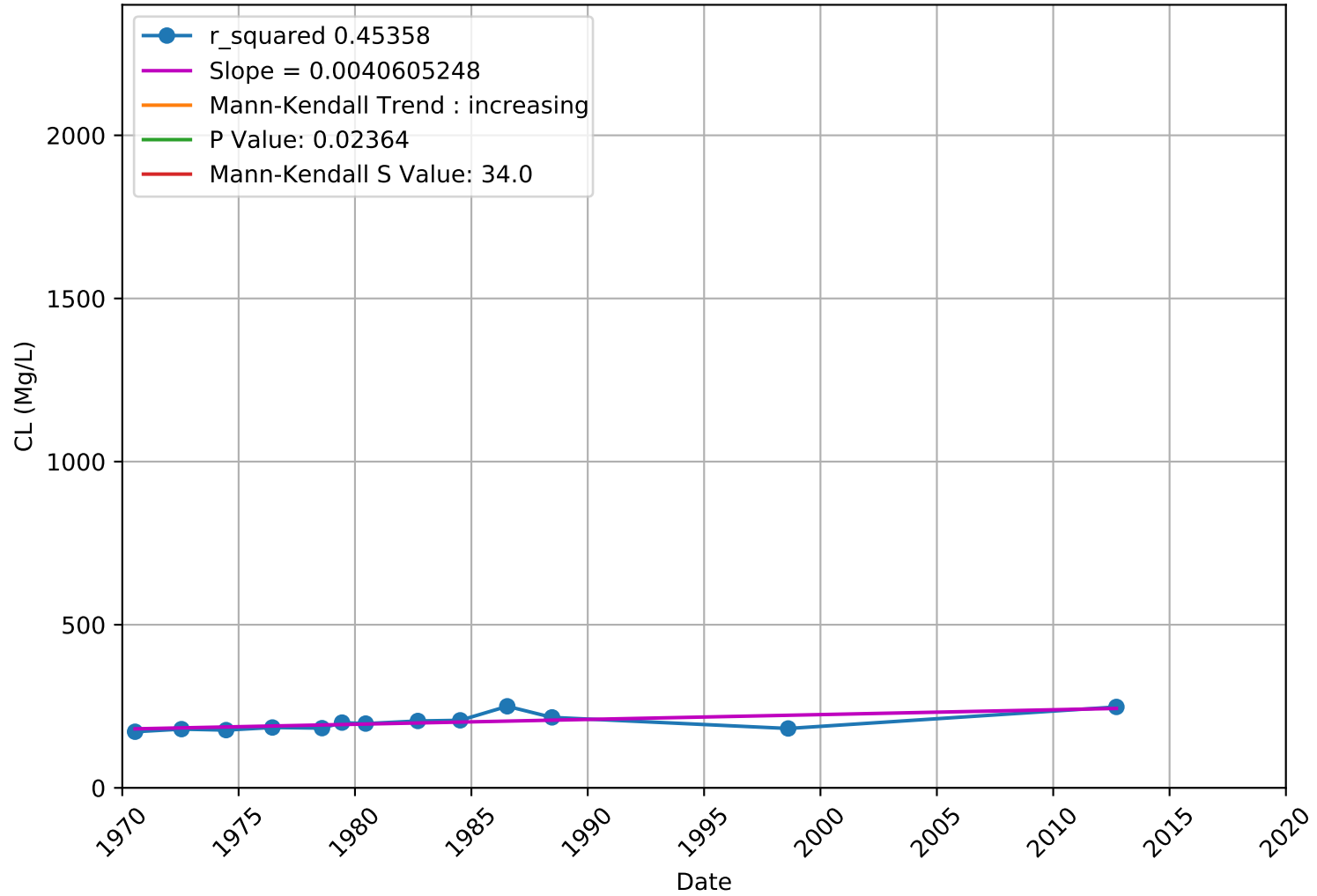
CL
377031N1214485W002 - Lower Aquifer



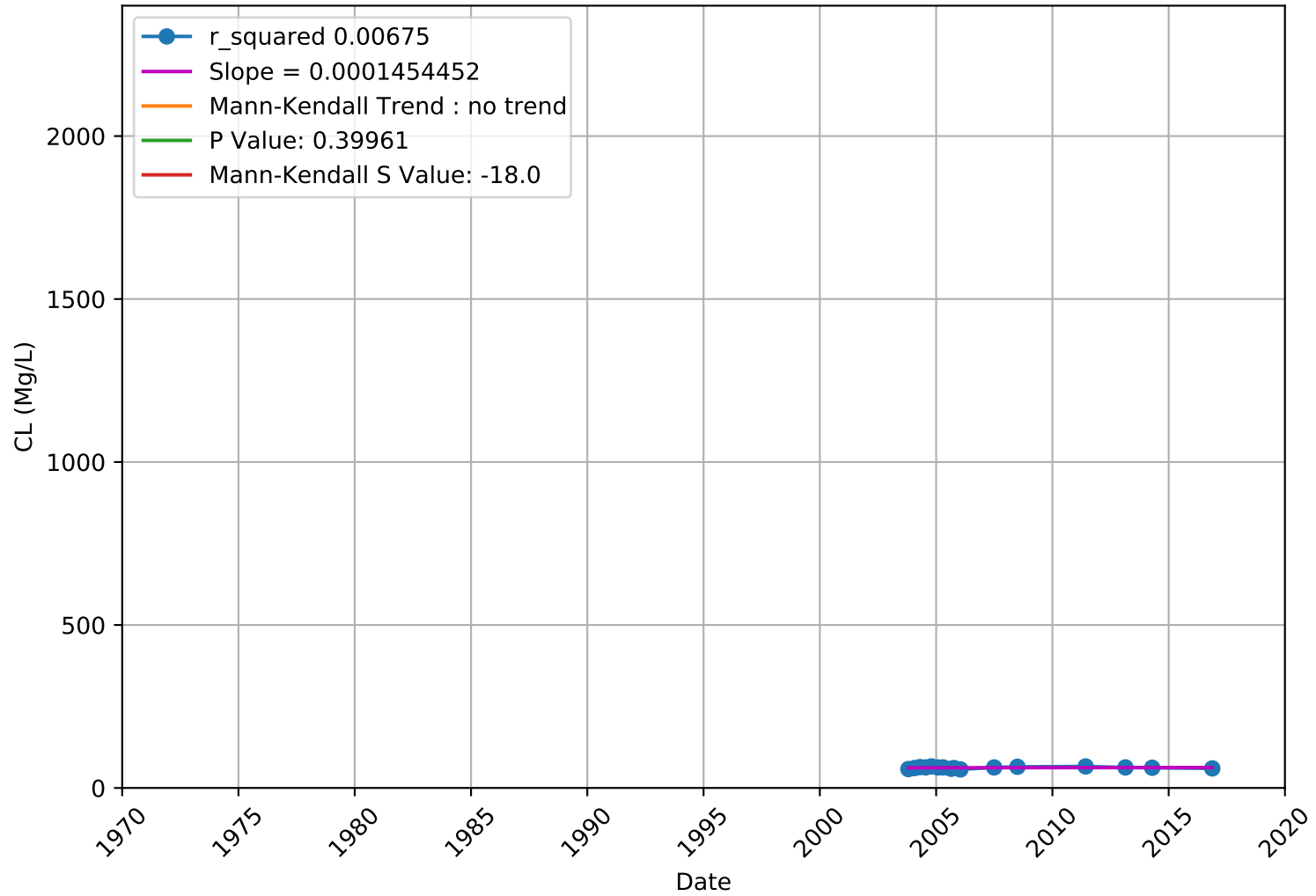
CL
377031N1214485W003 - Lower Aquifer



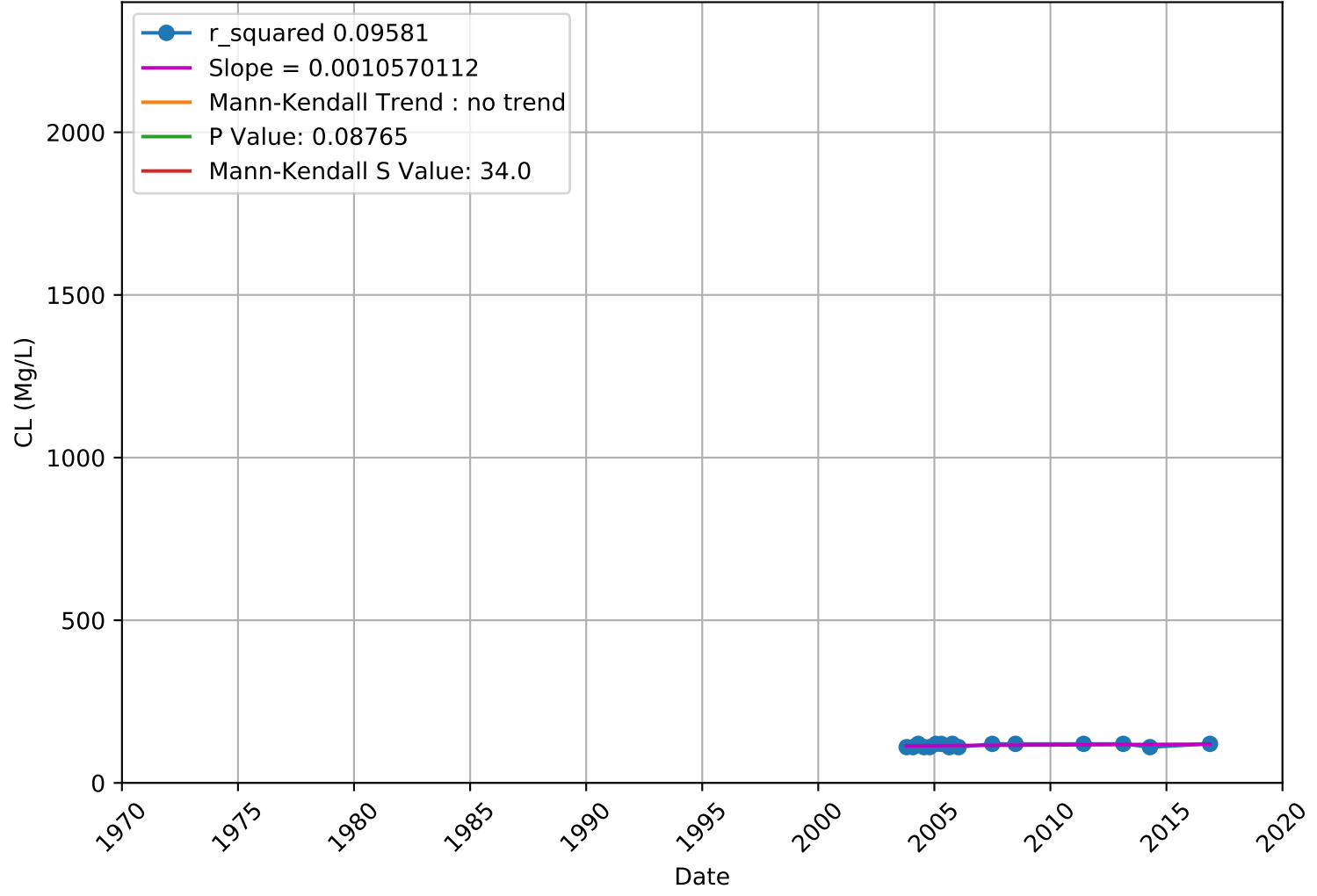
CL
377061N1214199W001 - Upper Aquifer



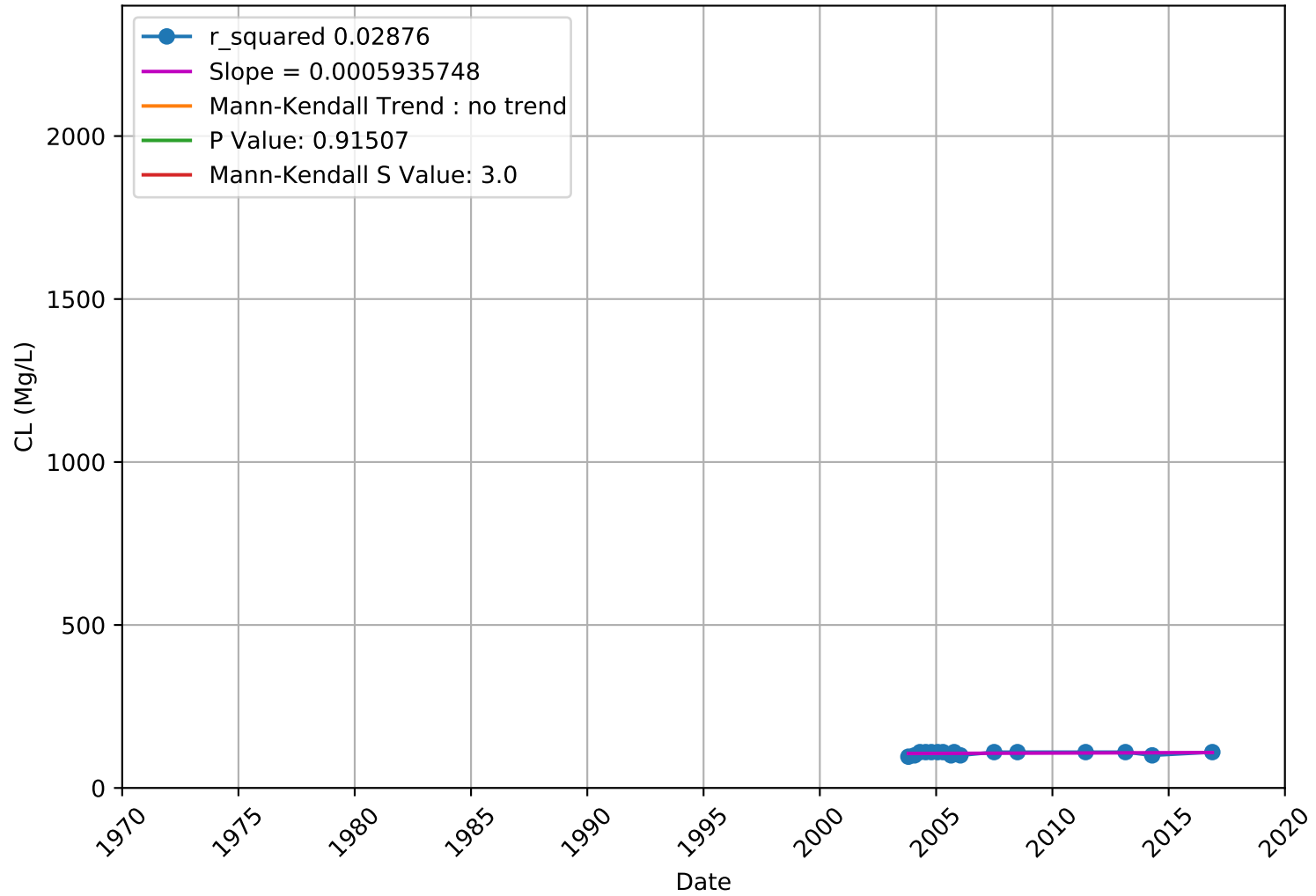
CL
377143N1214459W001 - Lower Aquifer



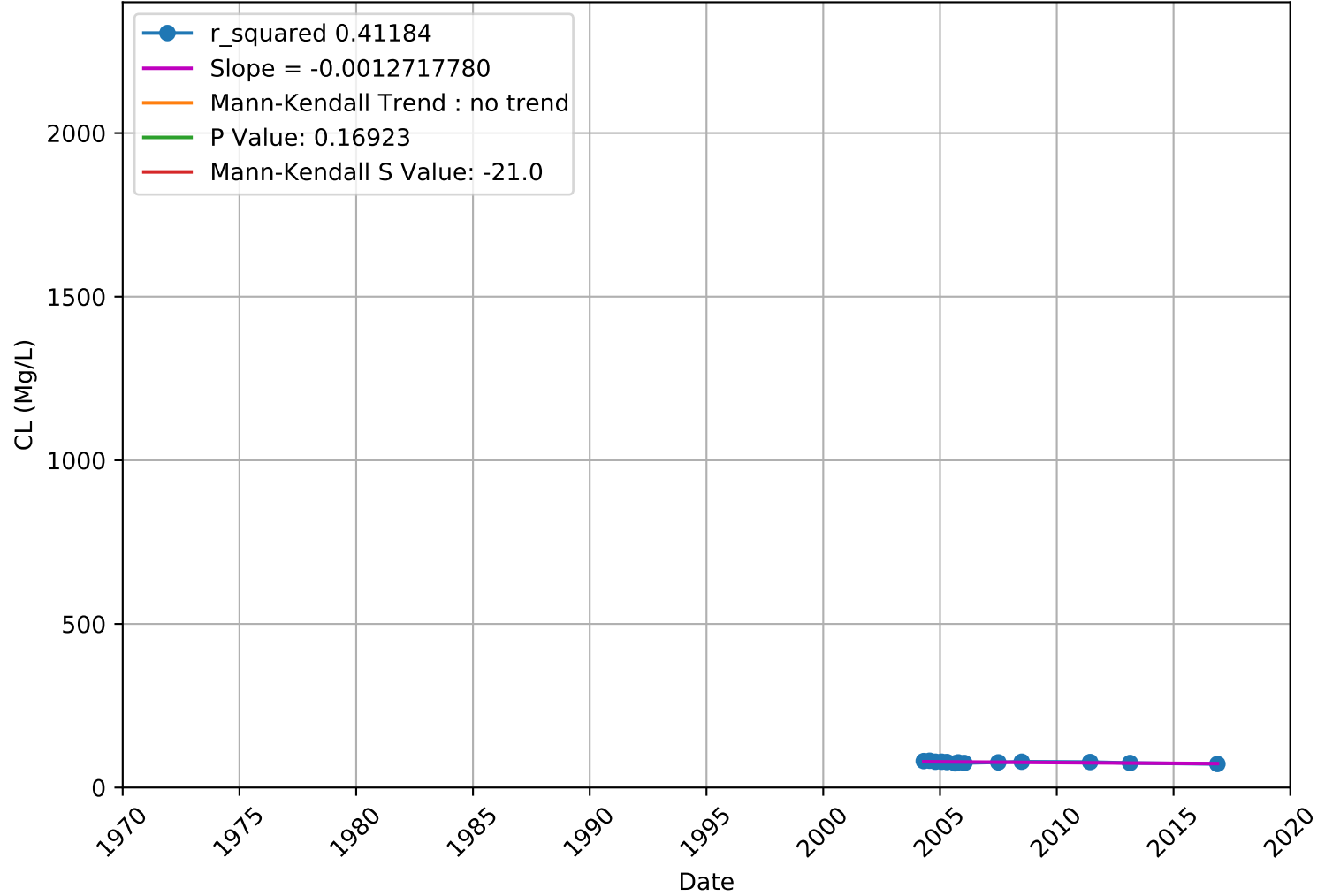
CL
377143N1214459W002 - Lower Aquifer



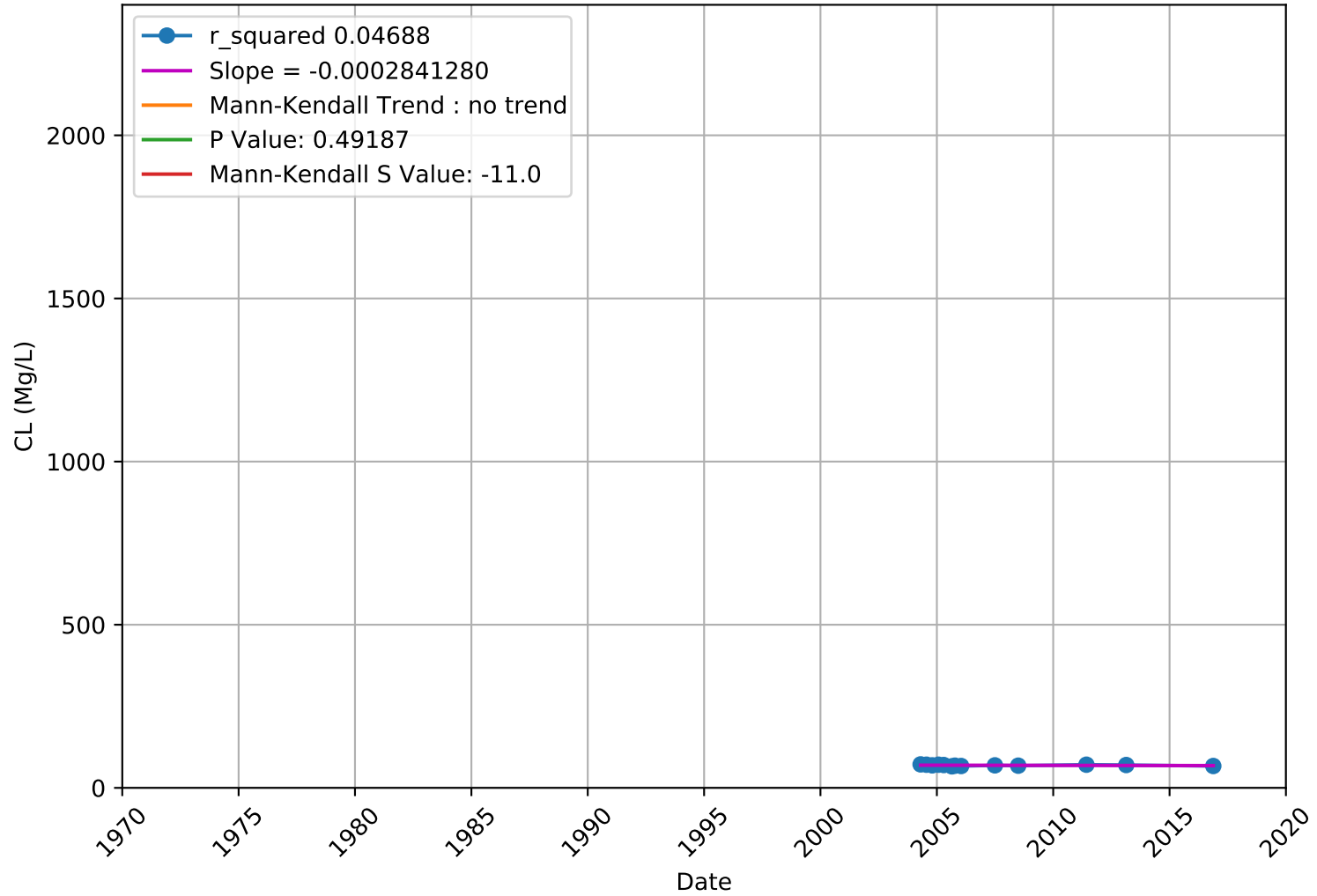
CL
377143N1214459W003 - Lower Aquifer



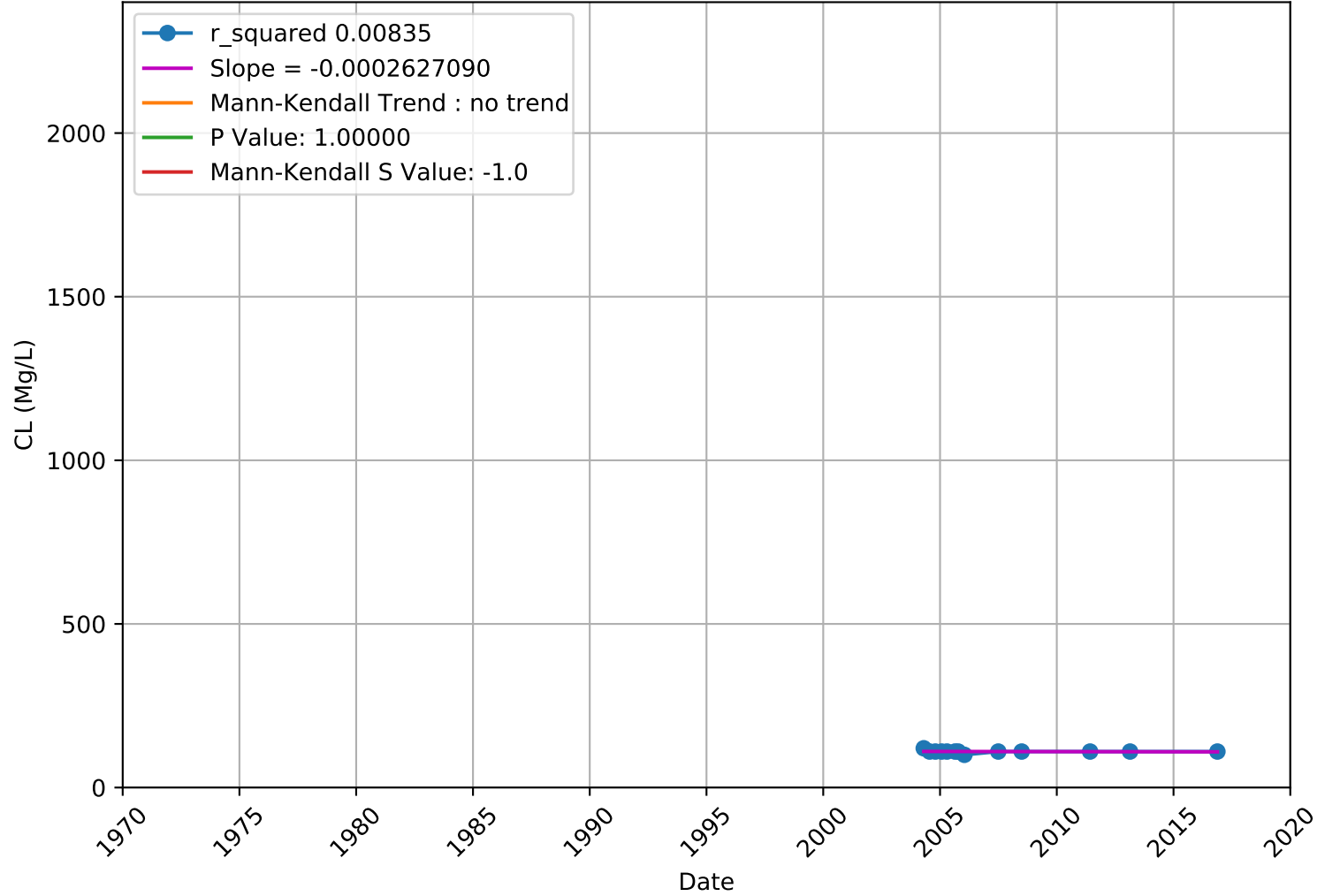
CL
377149N1214257W001 - Lower Aquifer



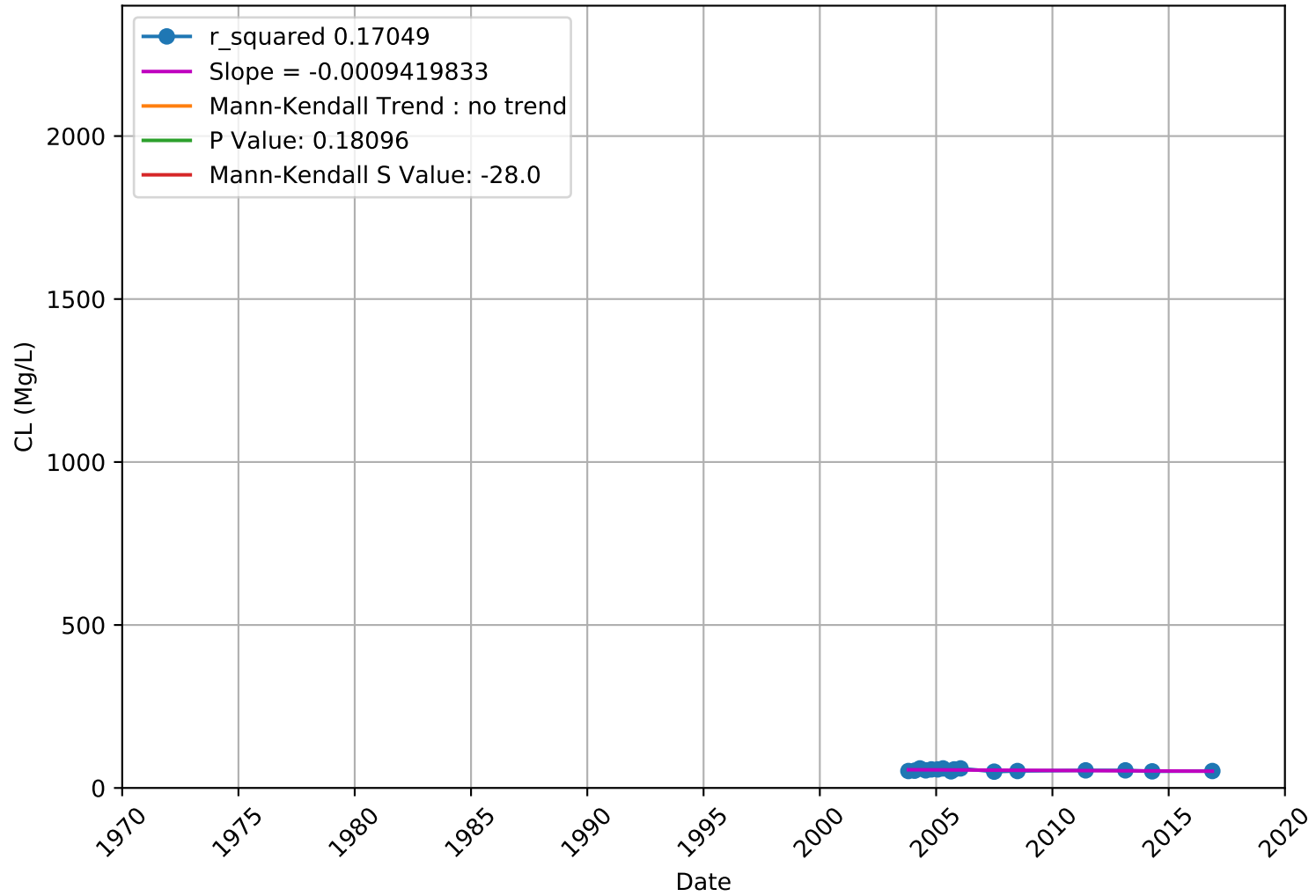
CL
377149N1214257W002 - Lower Aquifer



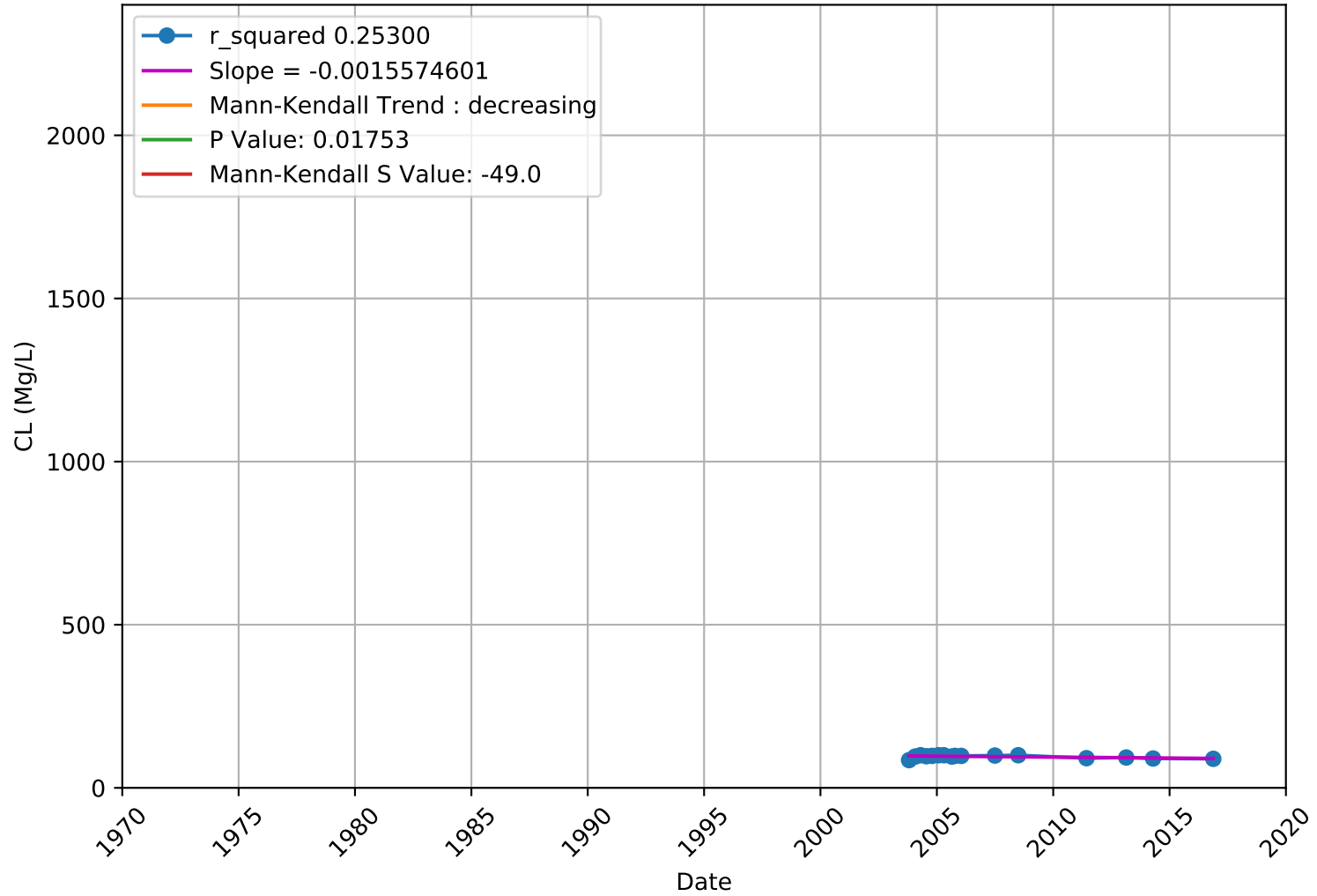
CL
377149N1214257W003 - Lower Aquifer



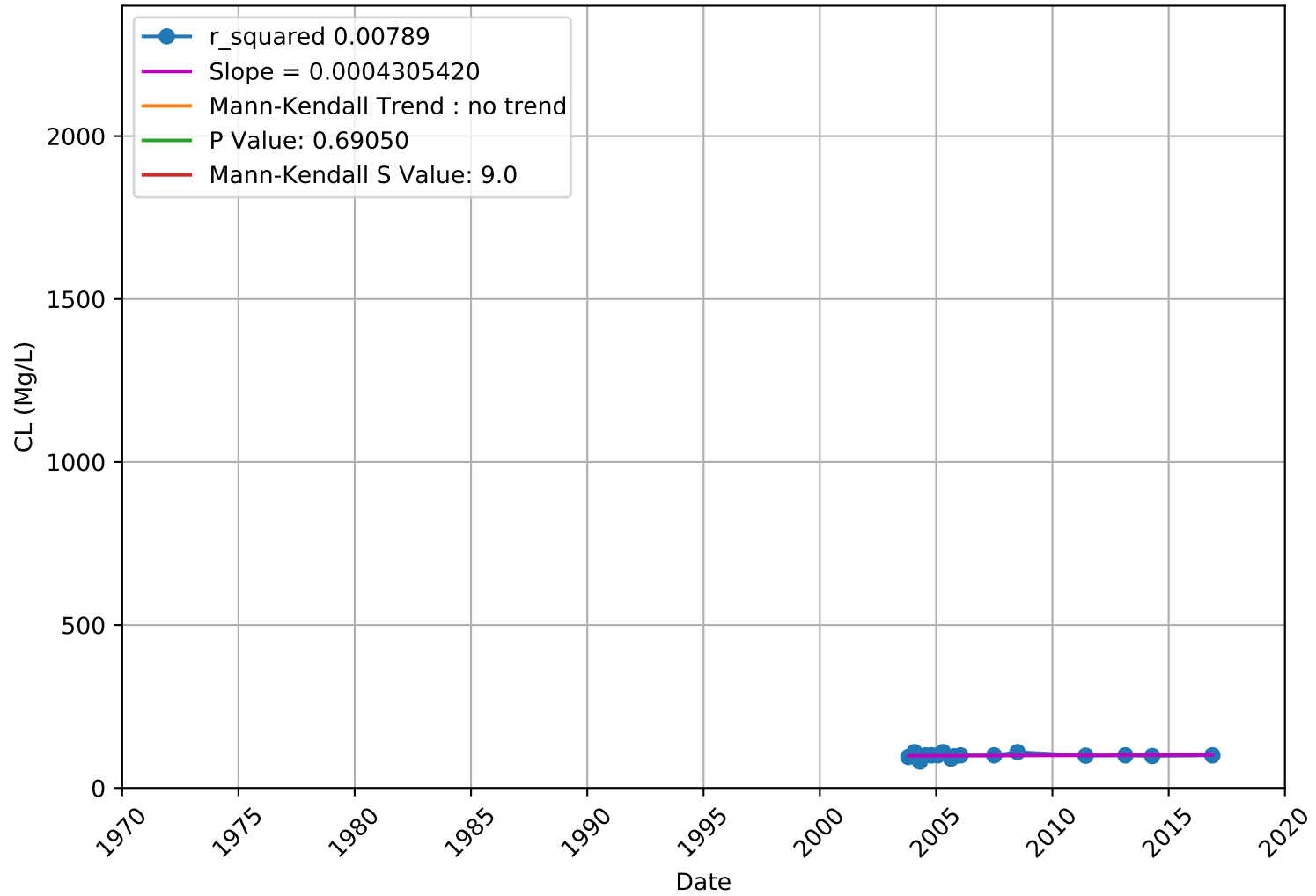
CL
377402N1214508W001 - Lower Aquifer



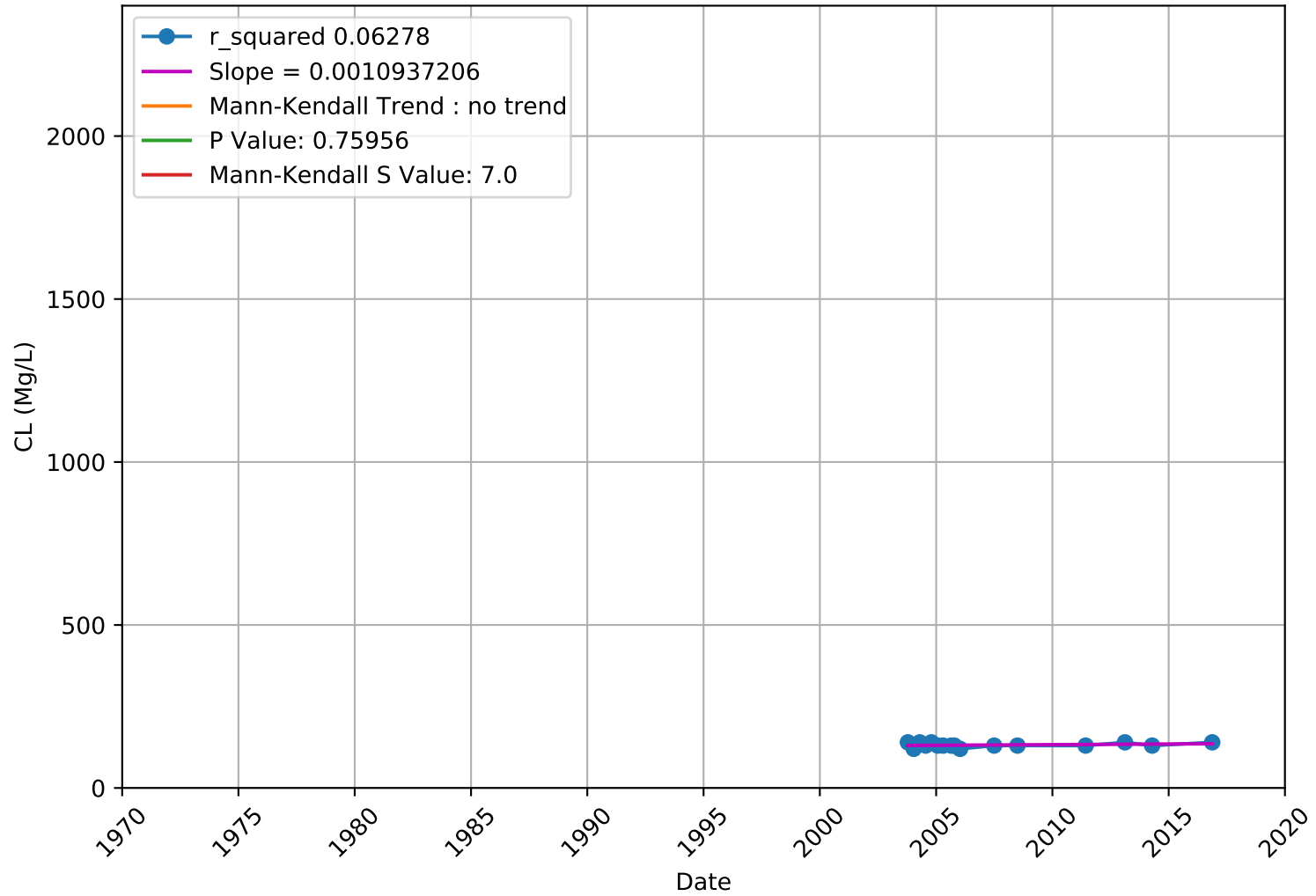
CL
377402N1214508W002 - Lower Aquifer



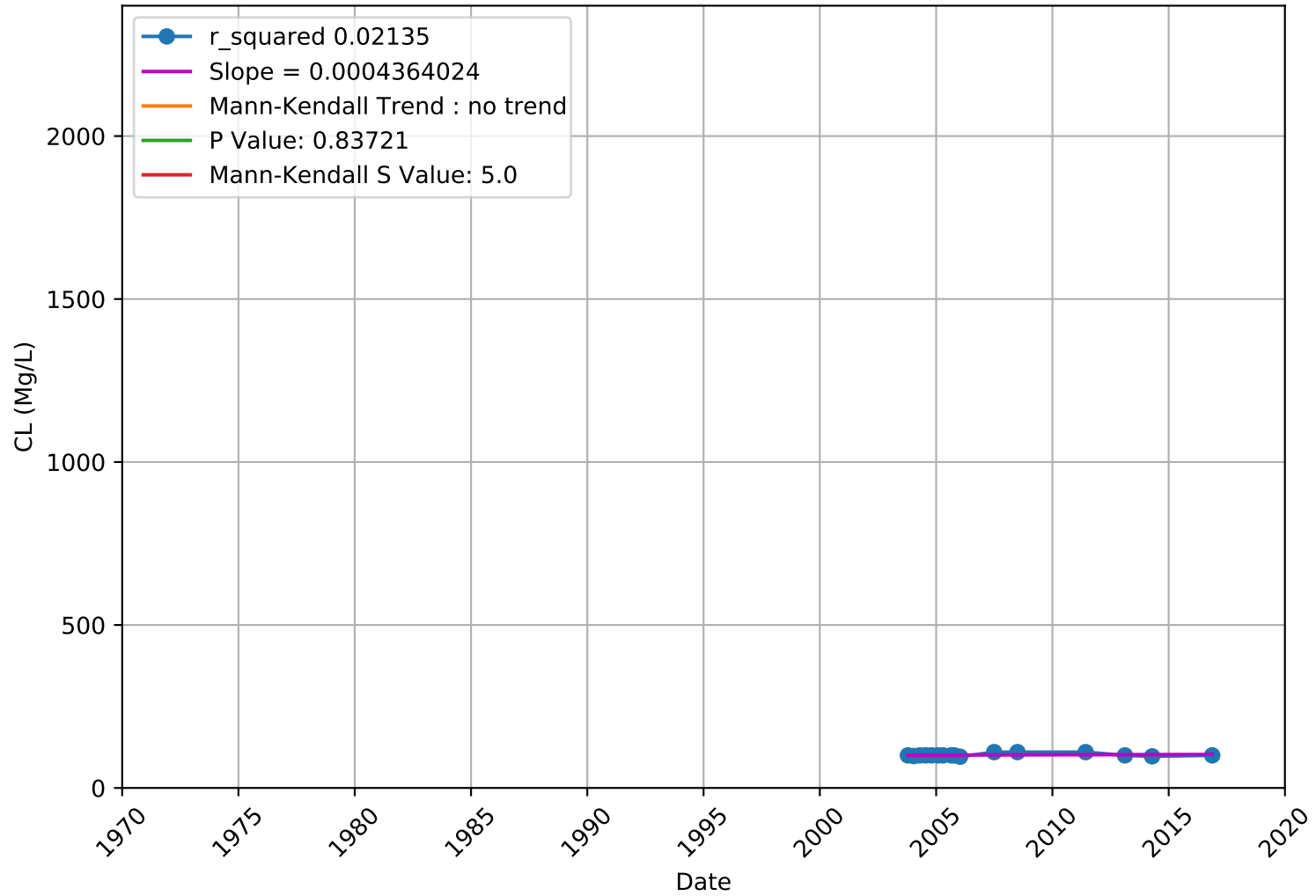
CL
377402N1214508W003 - Lower Aquifer



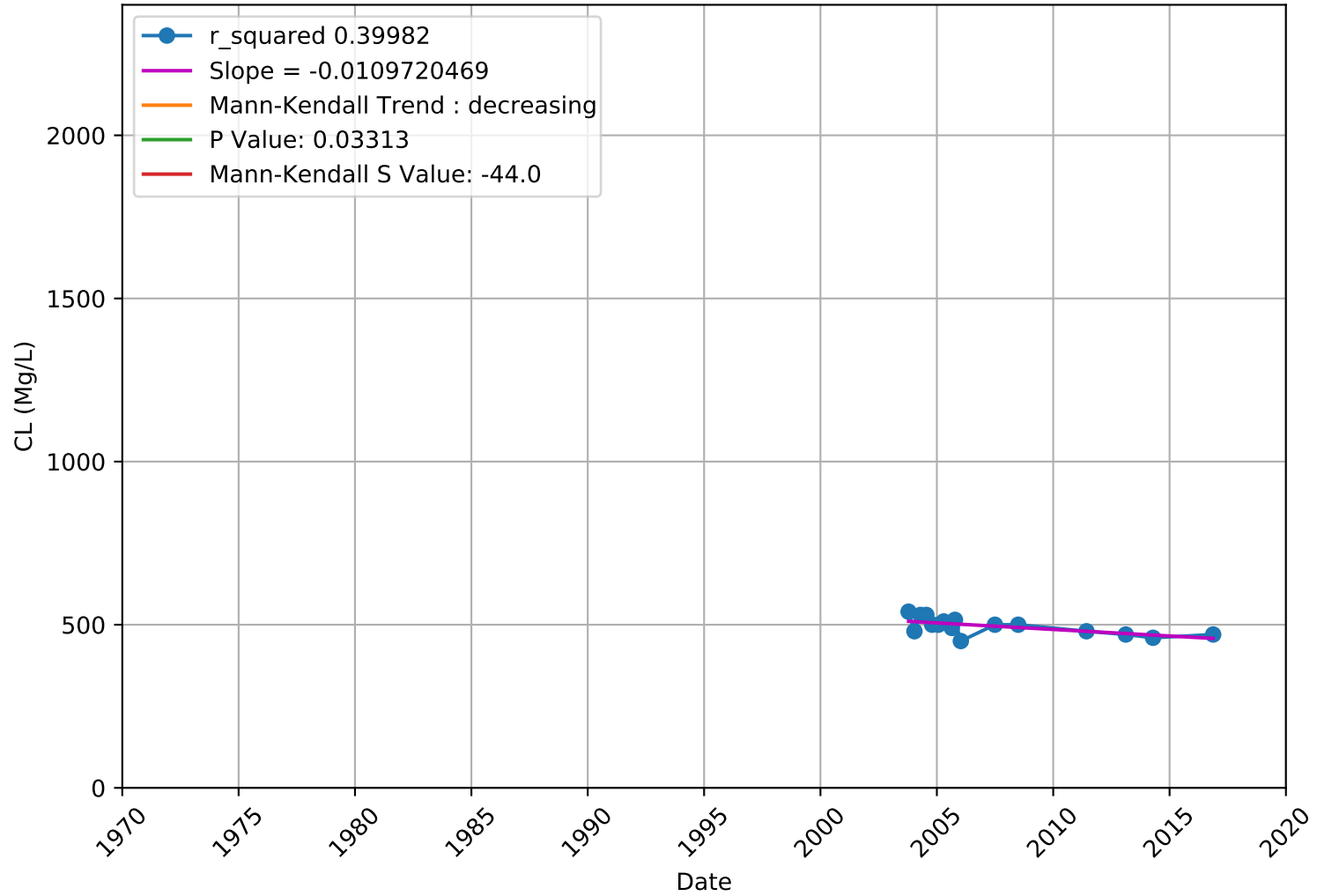
CL
377427N1213943W001 - Lower Aquifer



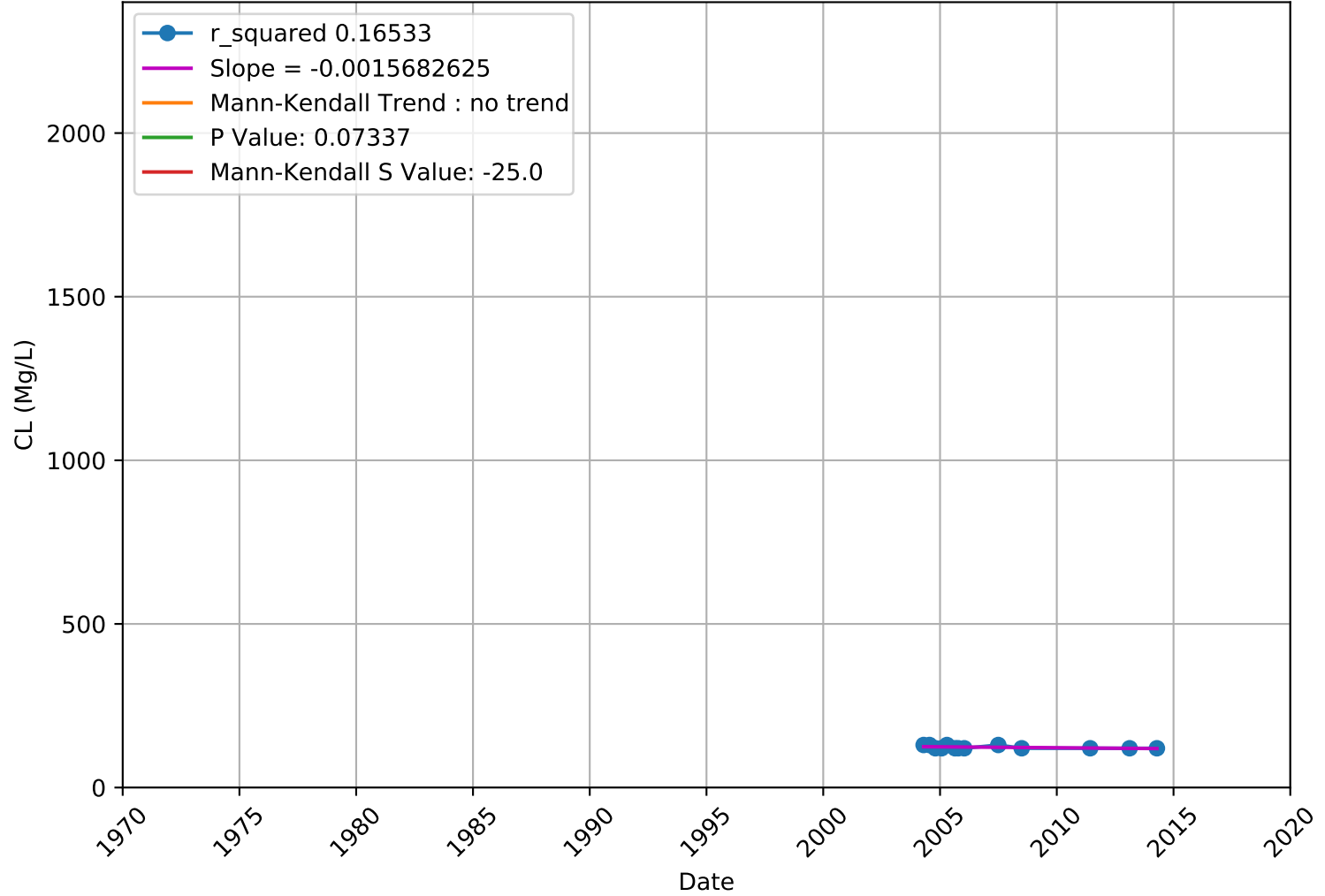
CL
377427N1213943W002 - Lower Aquifer



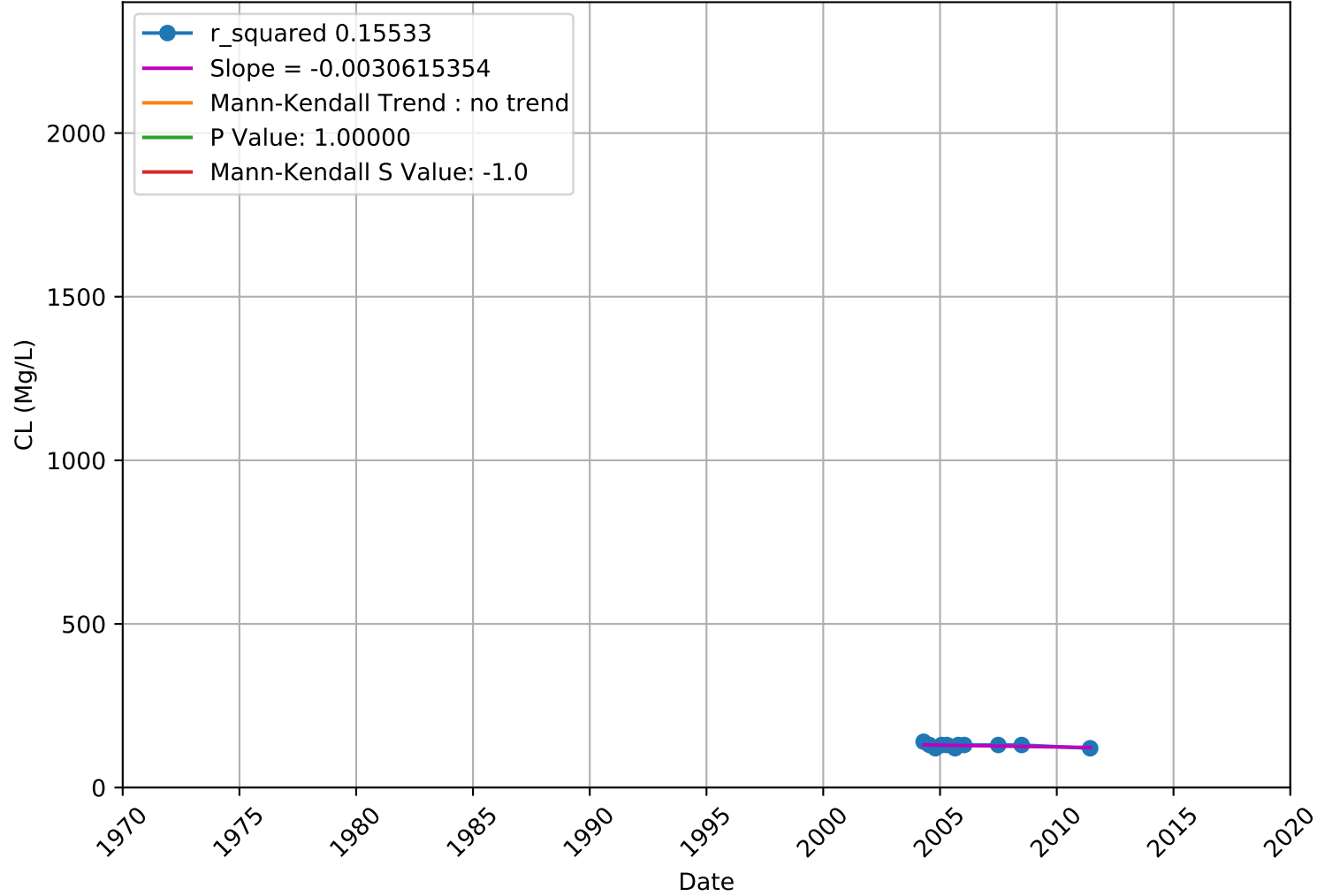
CL
377427N1213943W003 - Lower Aquifer



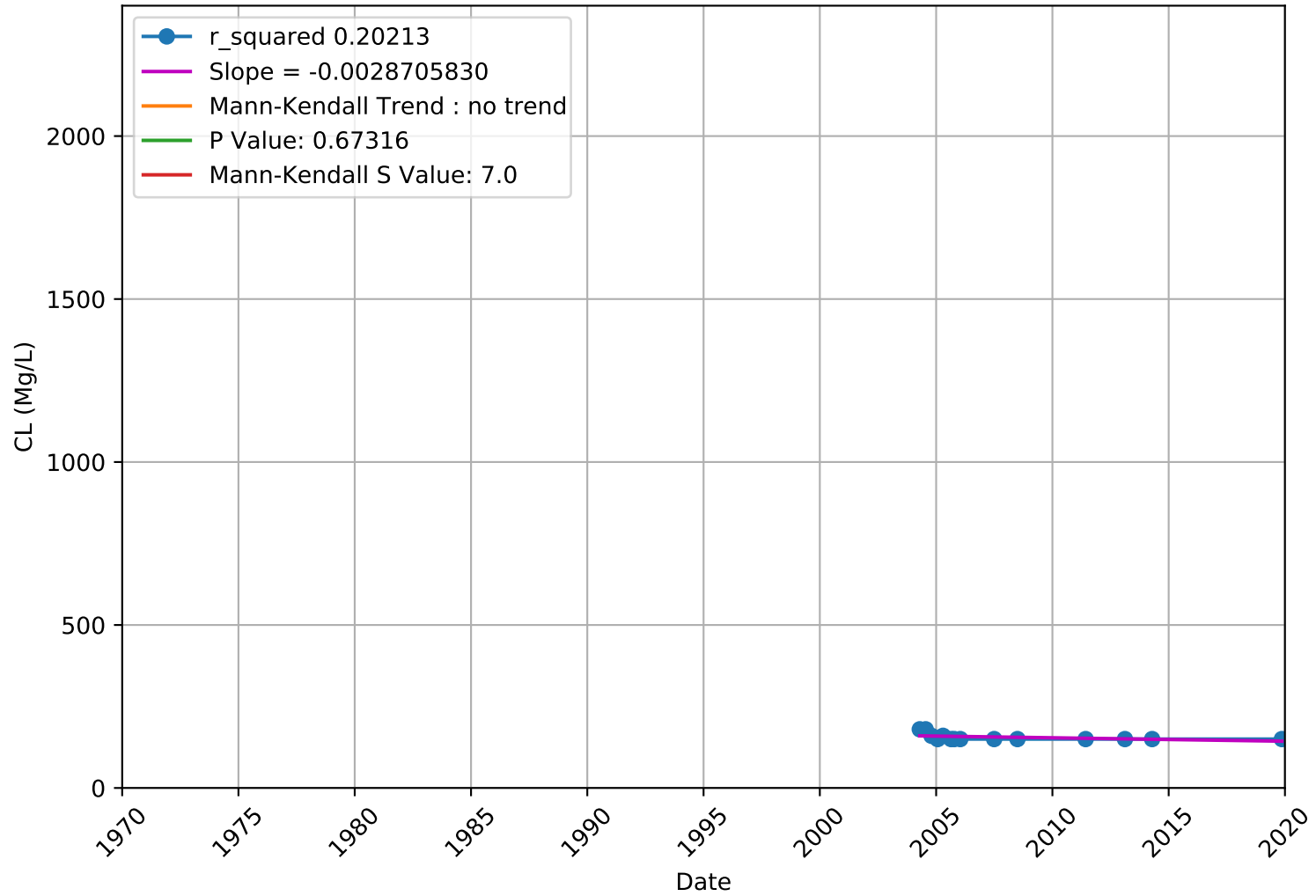
CL
377656N1214199W001 - Lower Aquifer



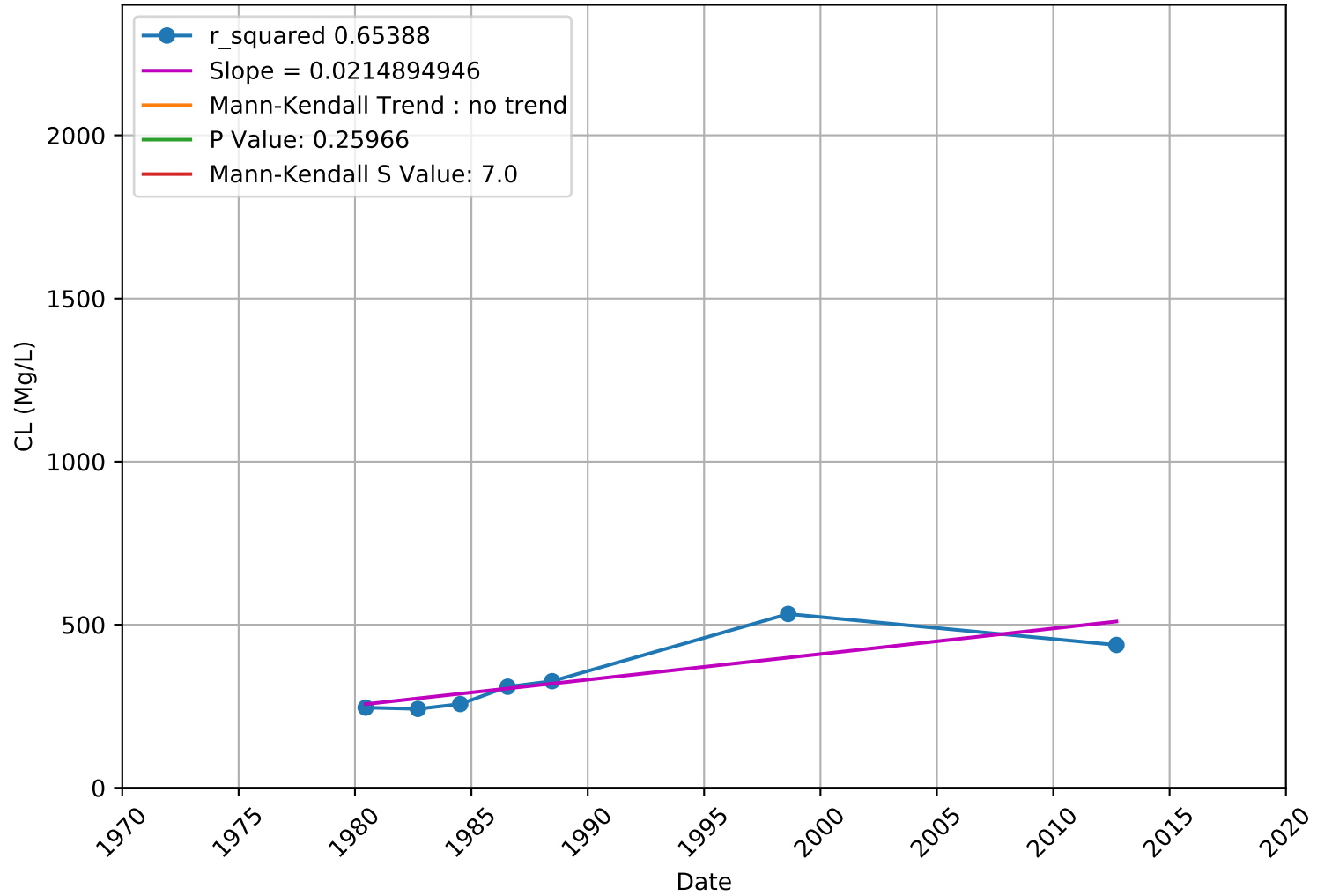
CL
377656N1214199W002 - Lower Aquifer



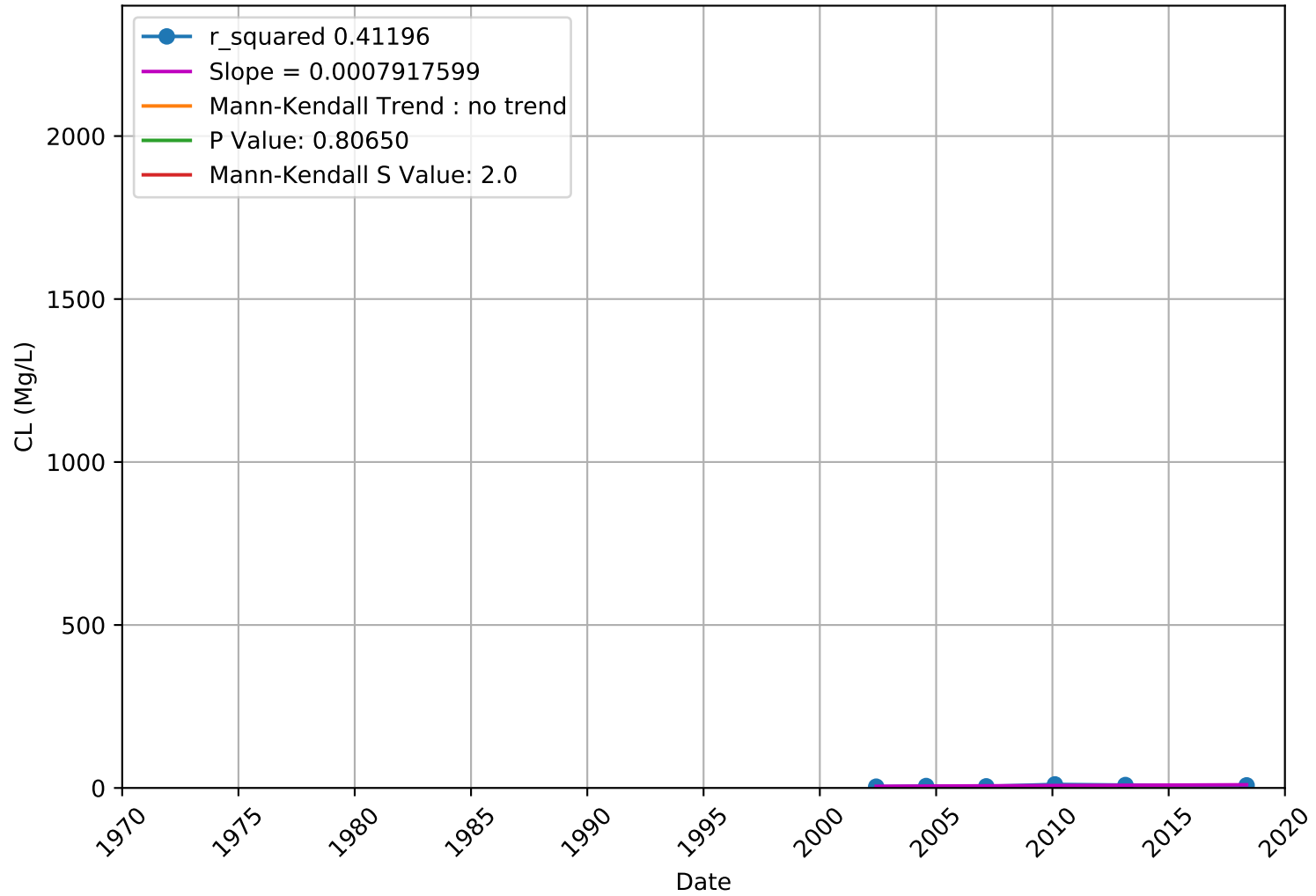
CL 377656N1214199W003 - Lower Aquifer



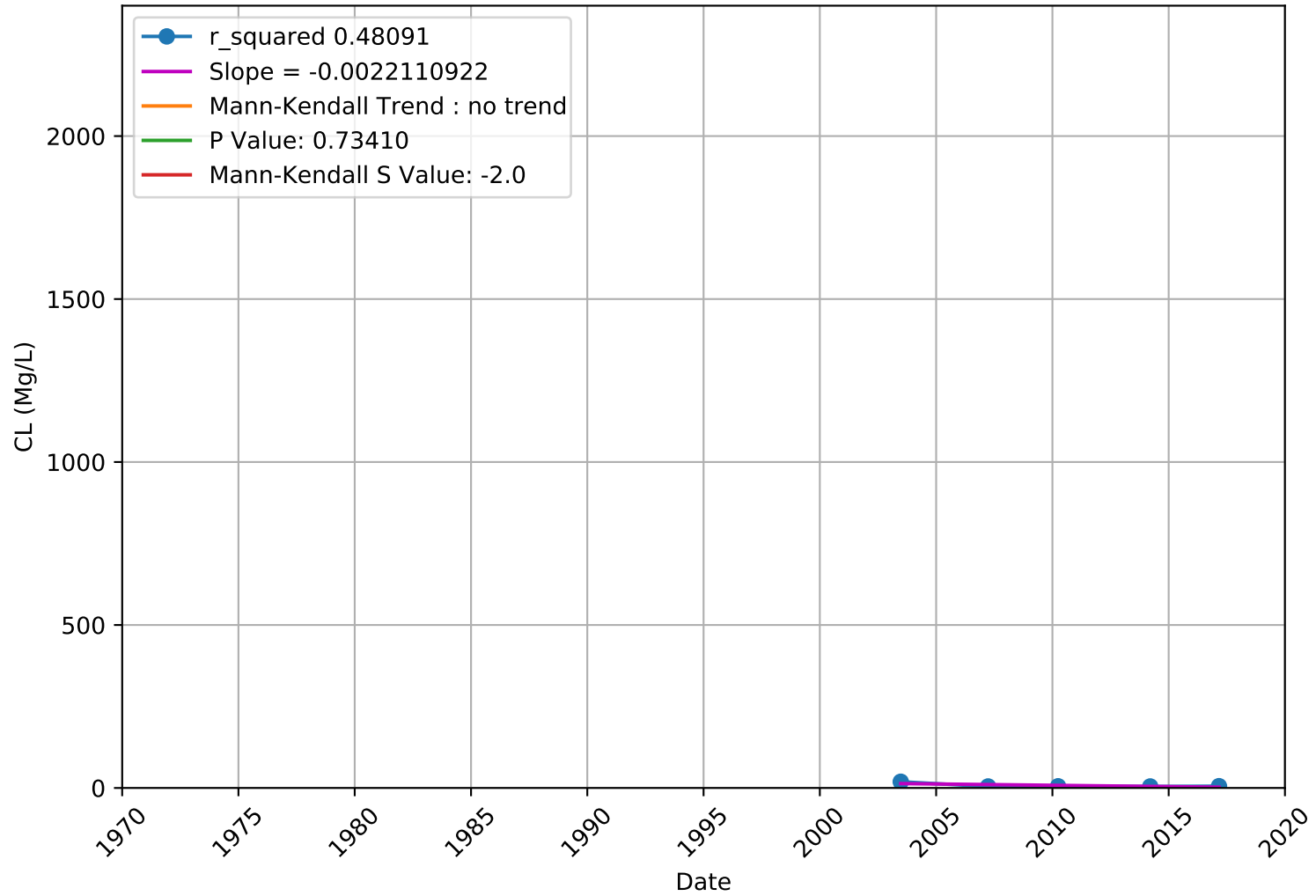
CL
378410N1212865W001 - Upper Aquifer



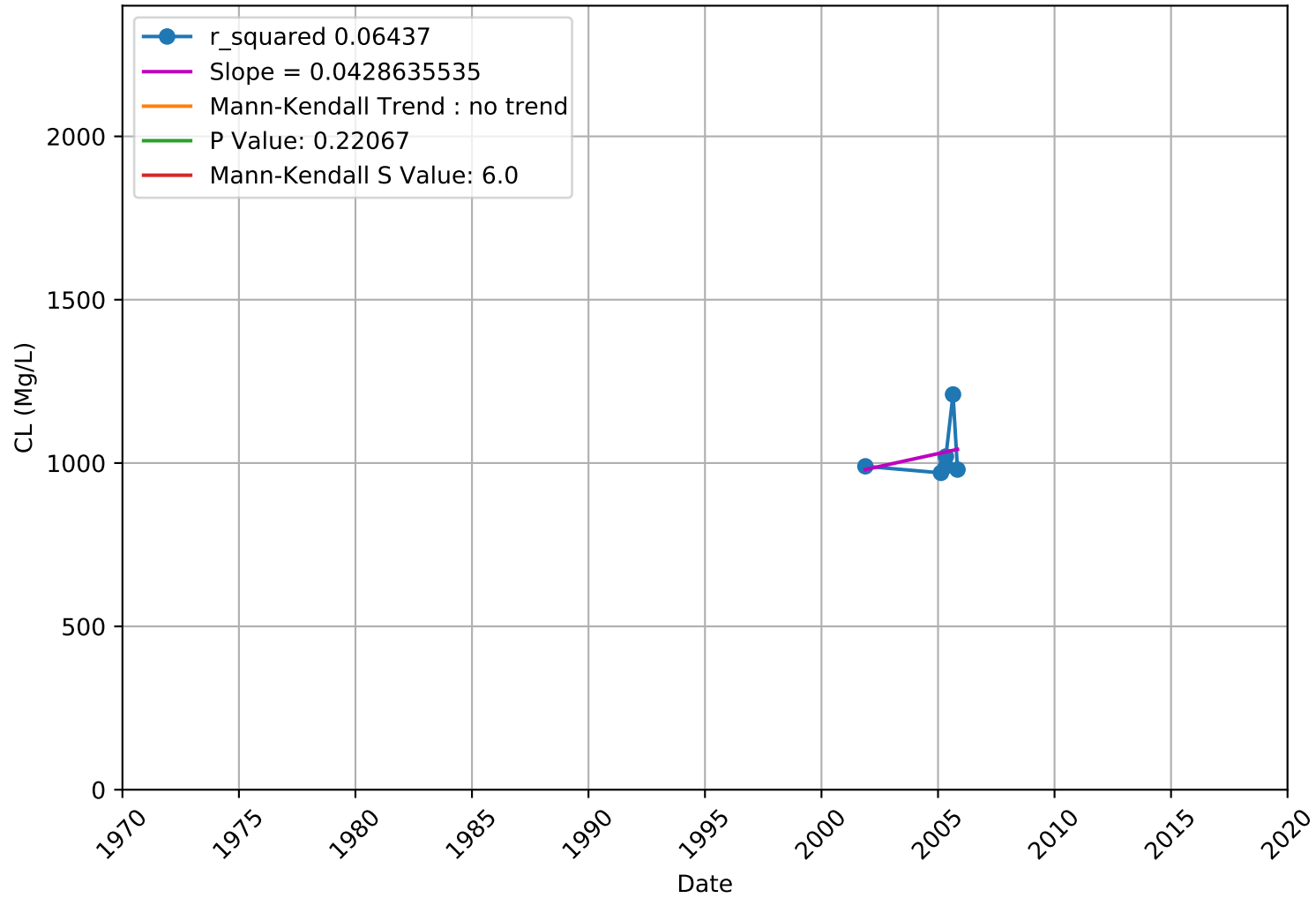
CL 3900558-002 - Unknown Aquifer



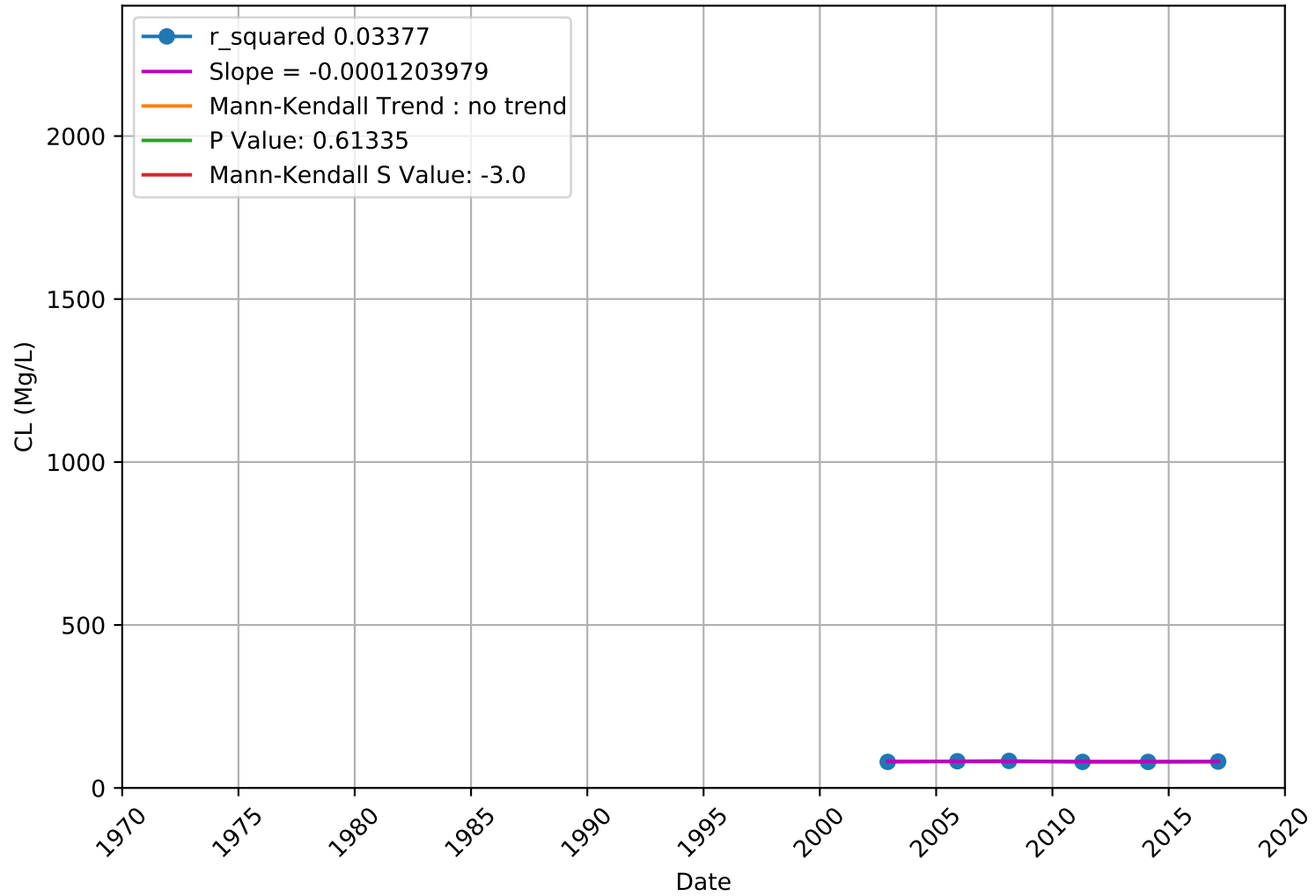
CL 3900559-001 - Unknown Aquifer



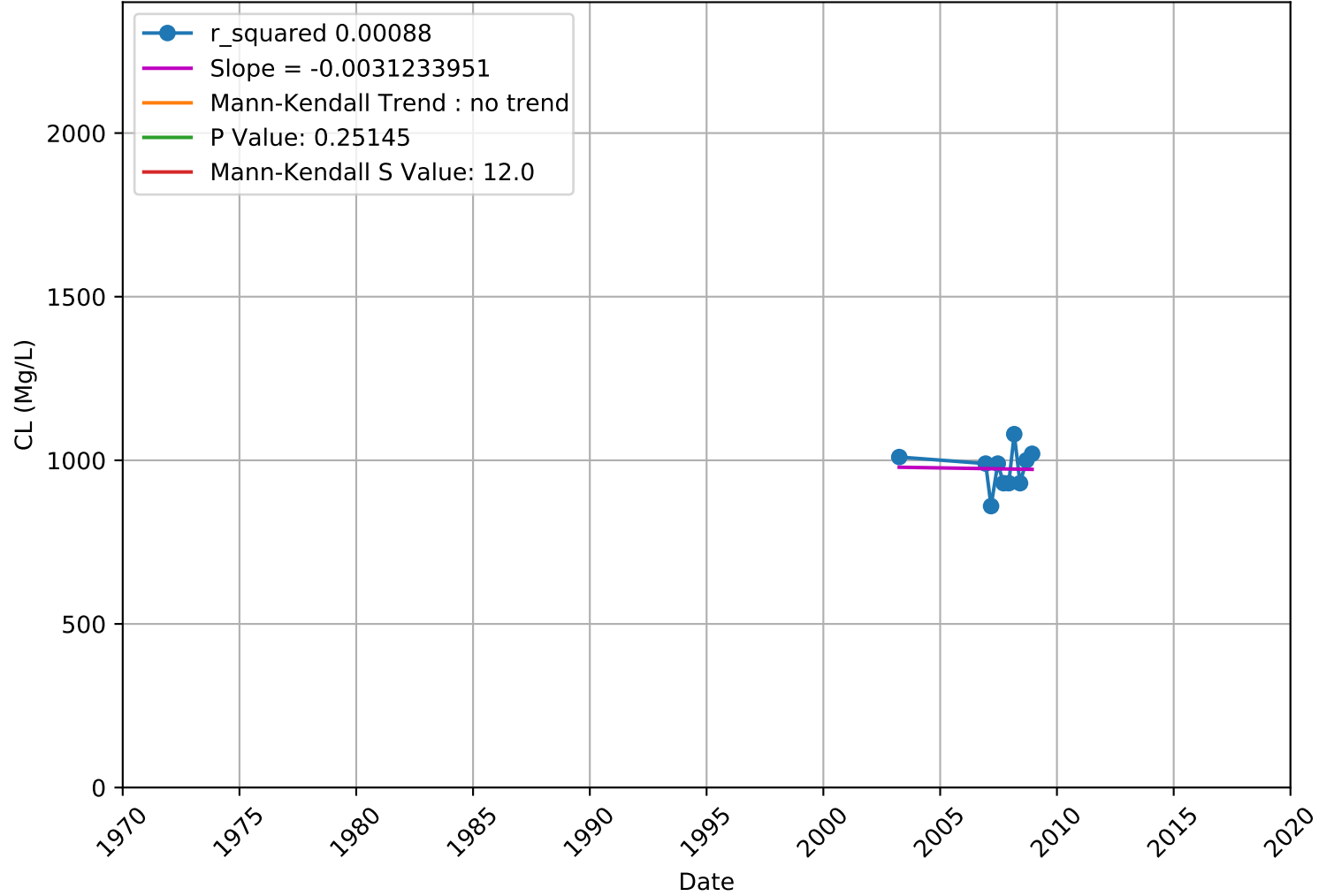
CL
3900583-001 - Unknown Aquifer



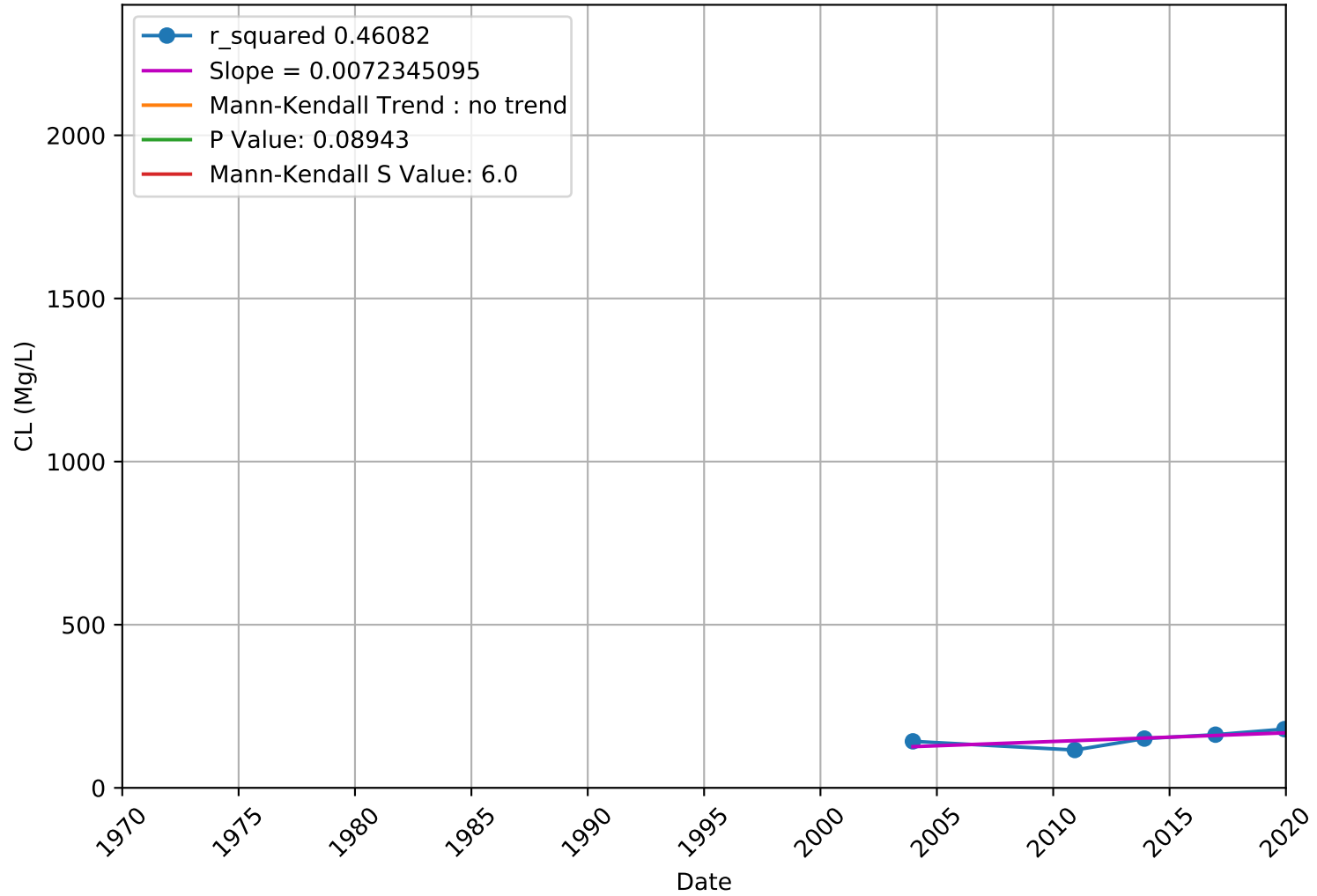
CL 3900702-001 - Unknown Aquifer



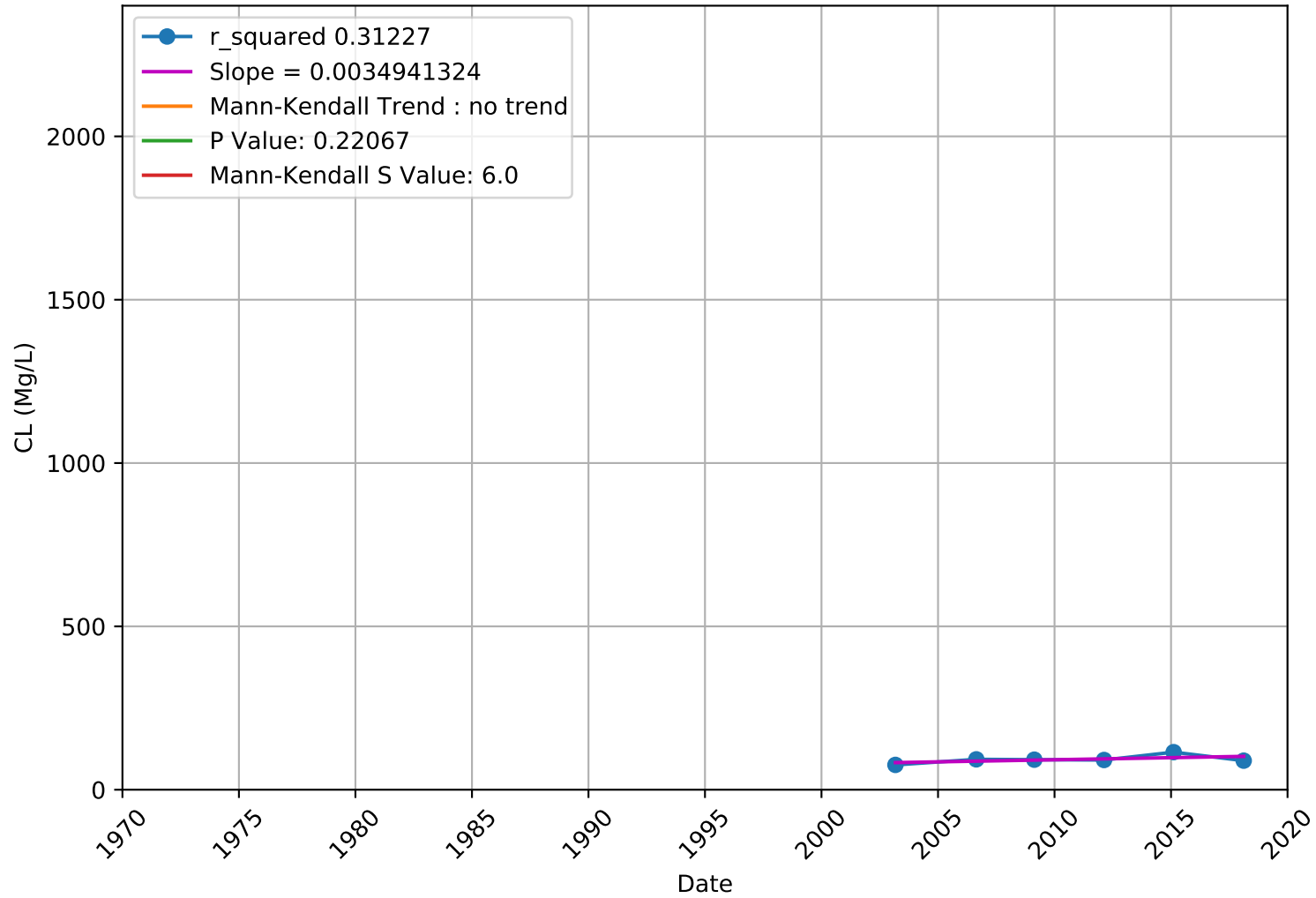
CL 3900713-001 - Unknown Aquifer



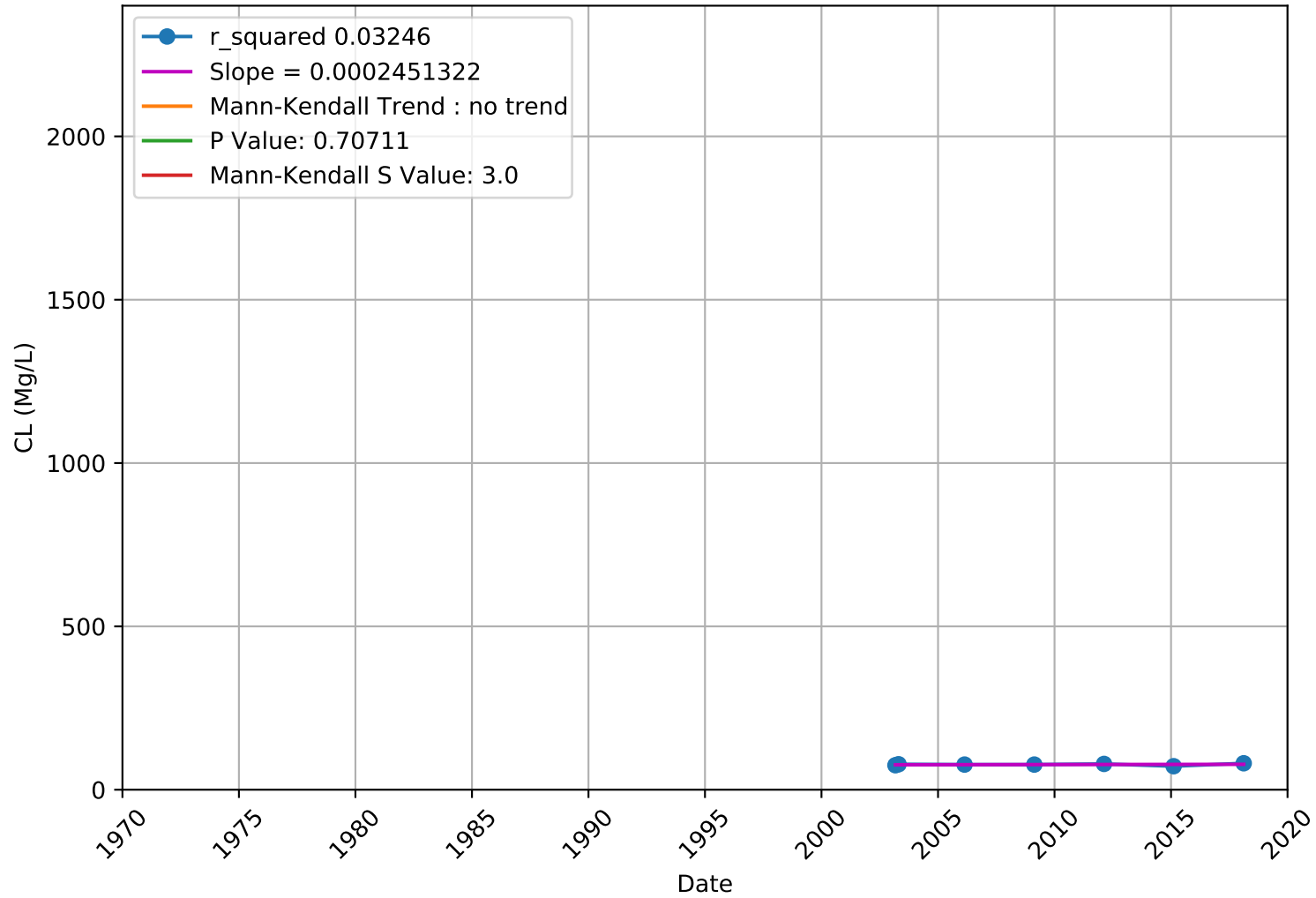
CL
3900991-001 - Unknown Aquifer



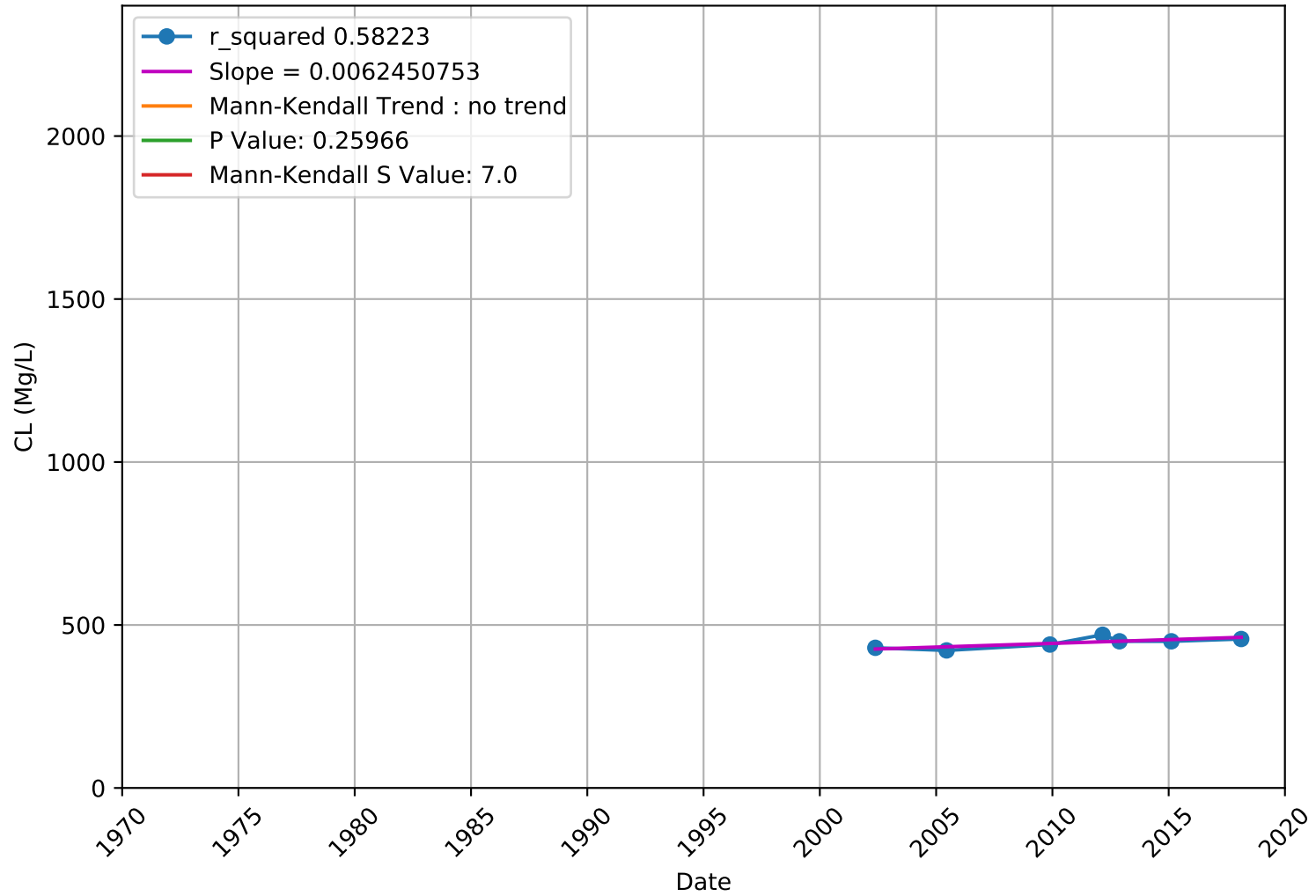
CL 3901172-002 - Unknown Aquifer



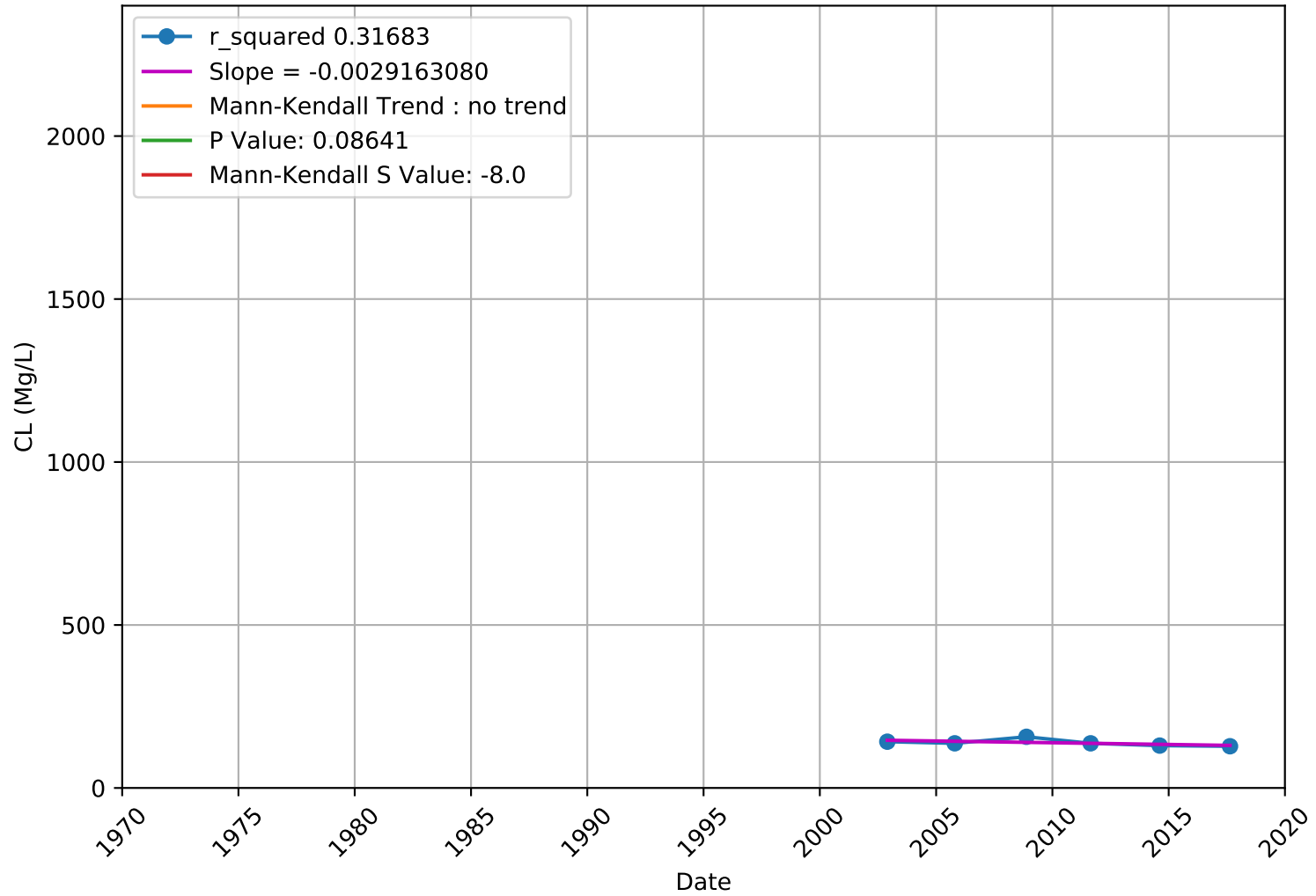
CL 3901172-003 - Unknown Aquifer



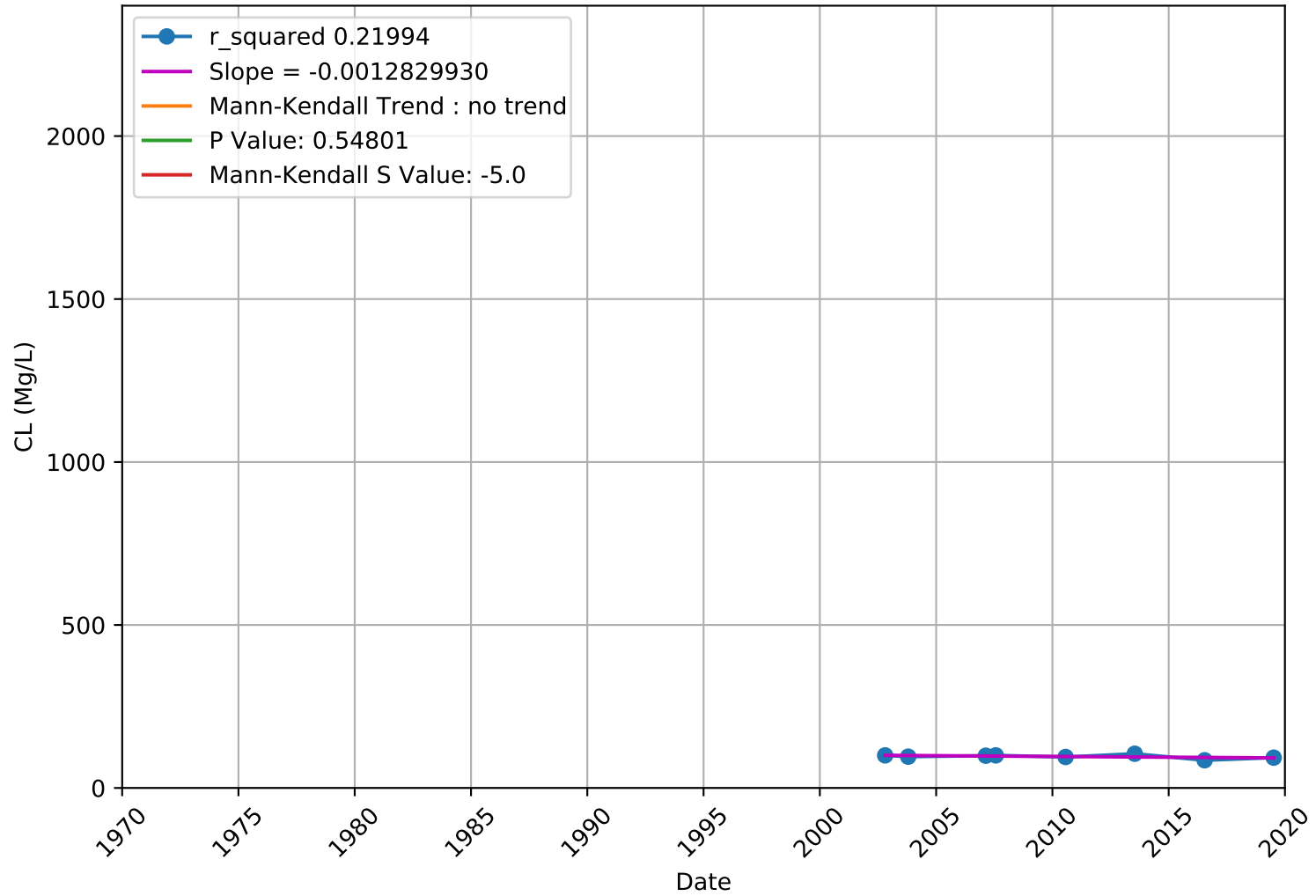
CL 3901216-002 - Unknown Aquifer



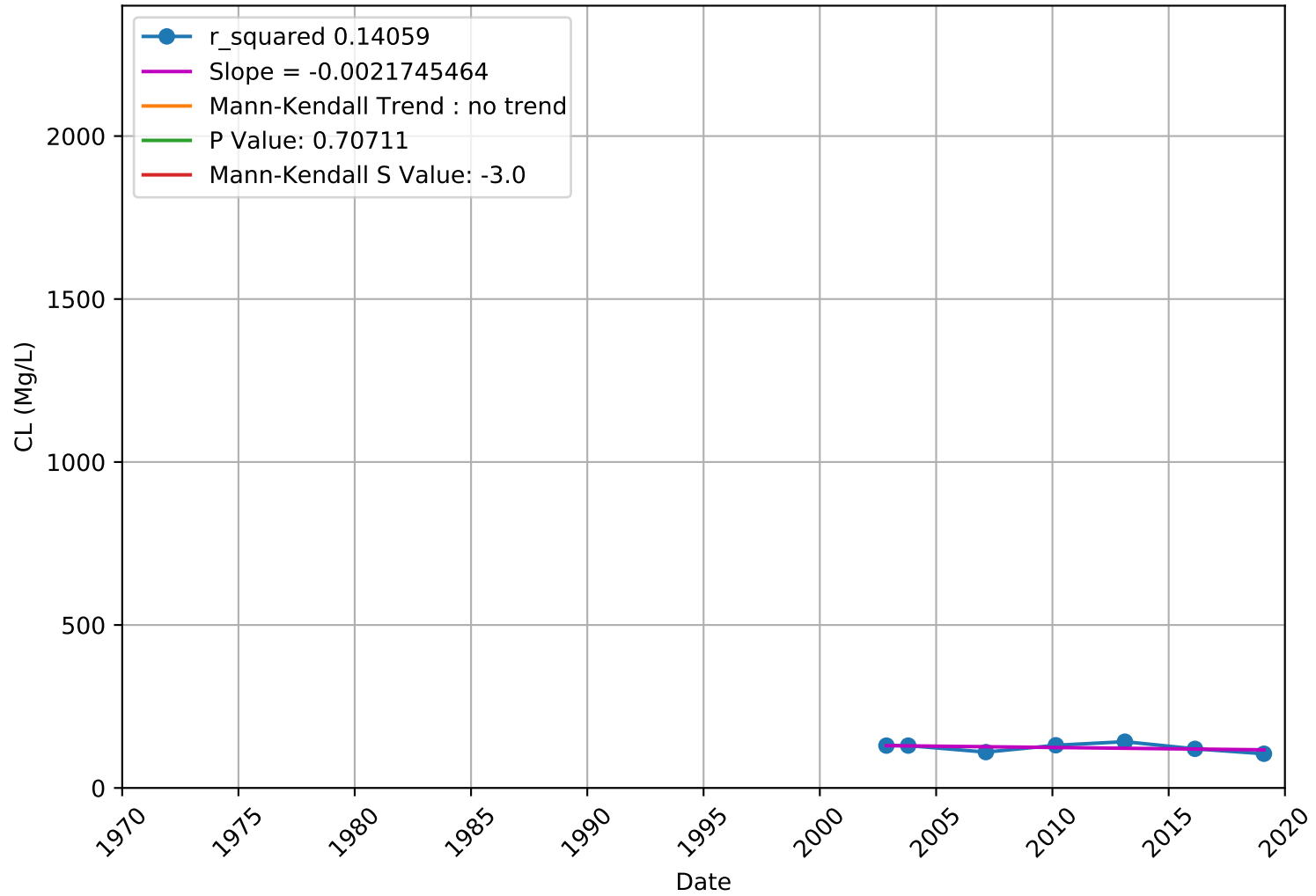
CL 3901348-002 - Unknown Aquifer



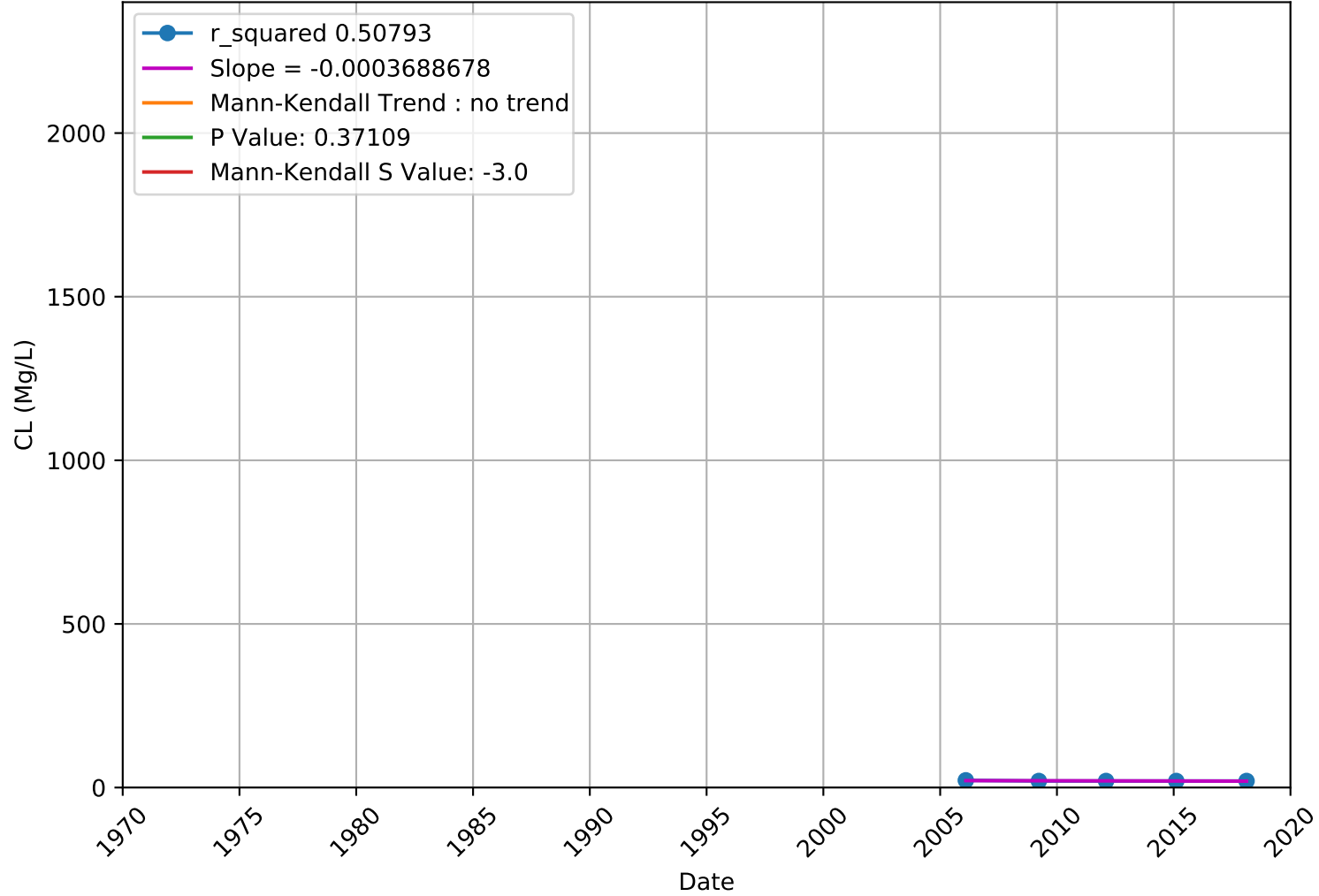
CL 3901348-003 - Unknown Aquifer



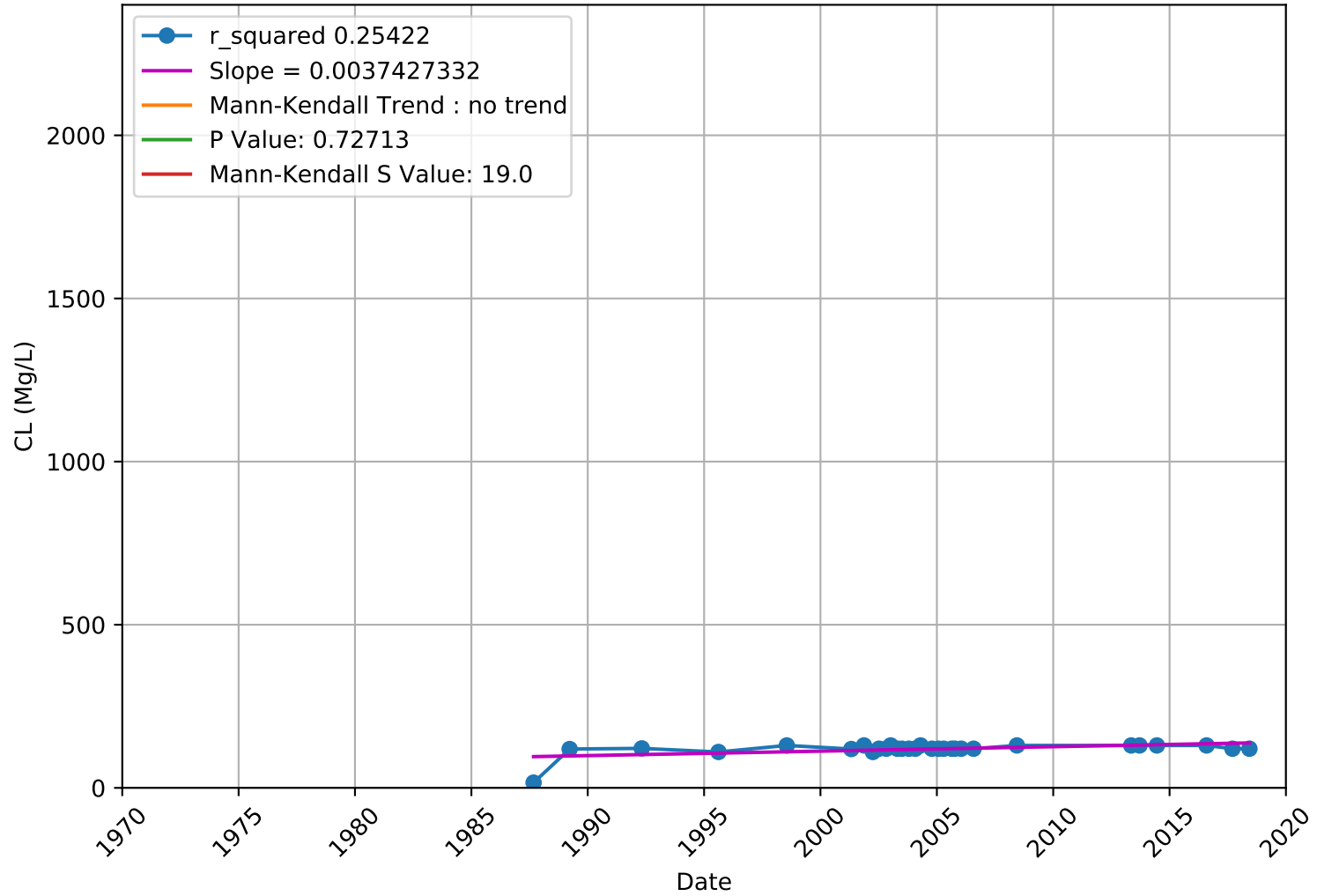
CL 3901348-004 - Unknown Aquifer



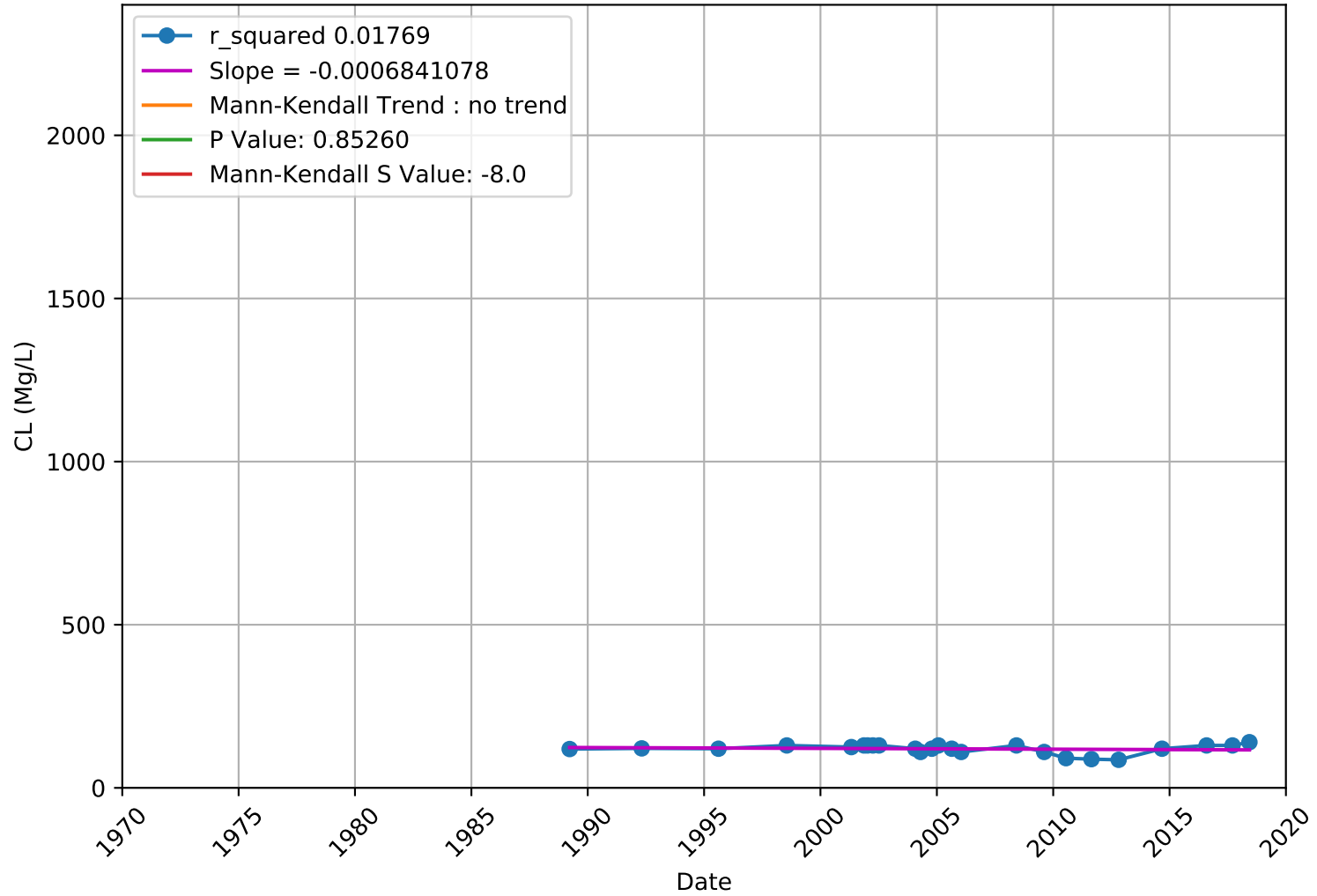
CL 3910005-044 - Unknown Aquifer



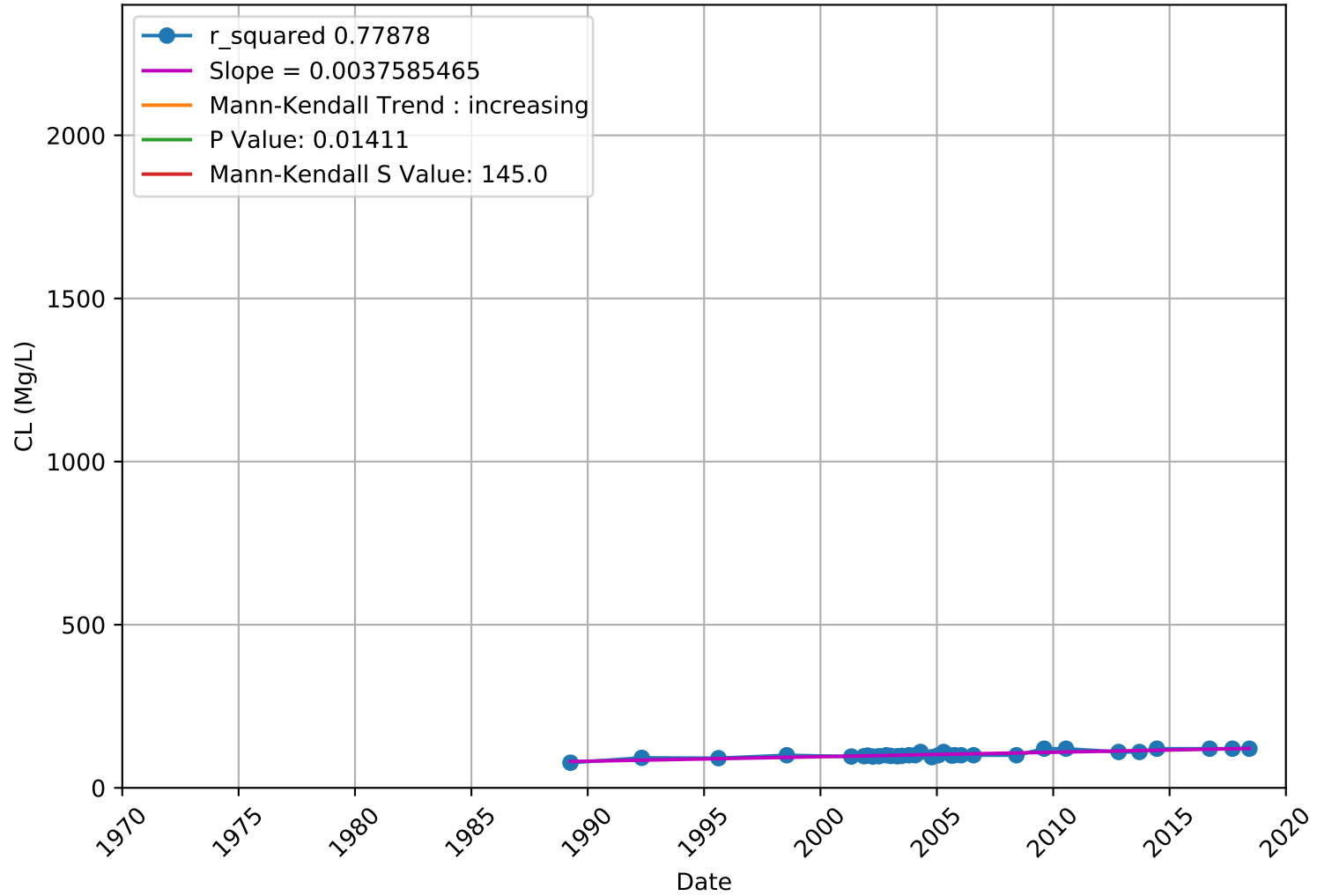
CL
3910011-003 - Lower Aquifer



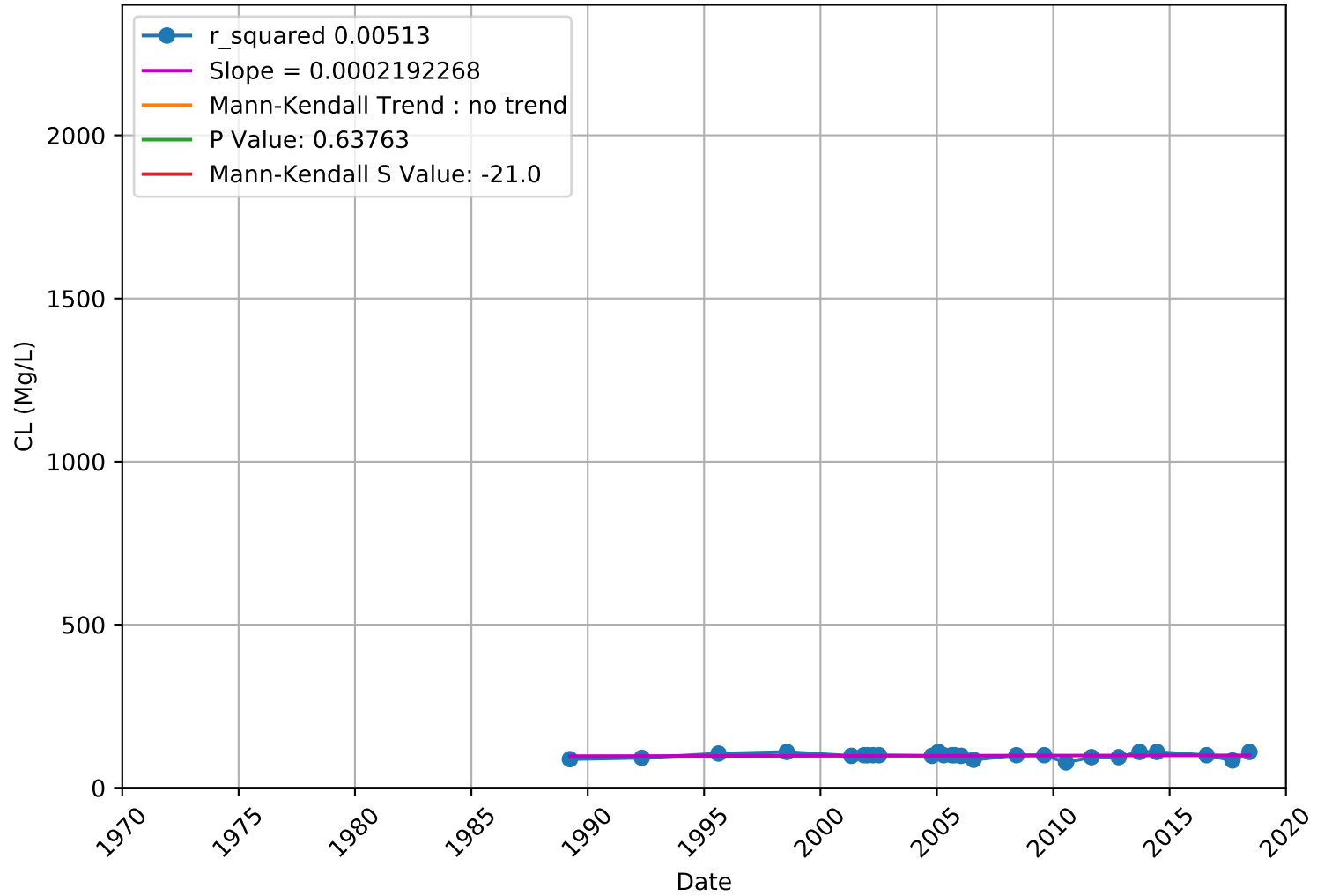
CL
3910011-004 - Lower Aquifer



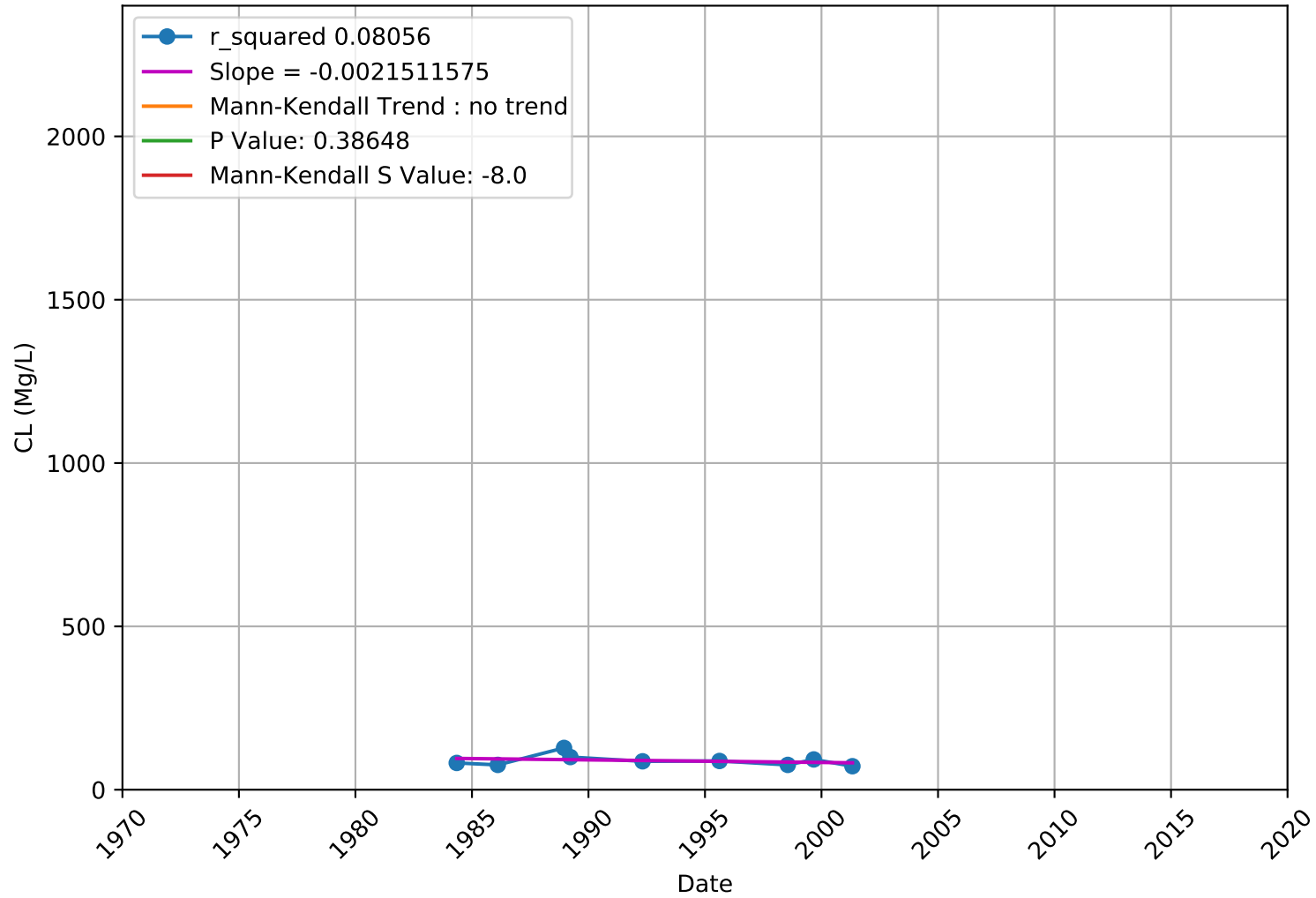
CL
3910011-005 - Lower Aquifer



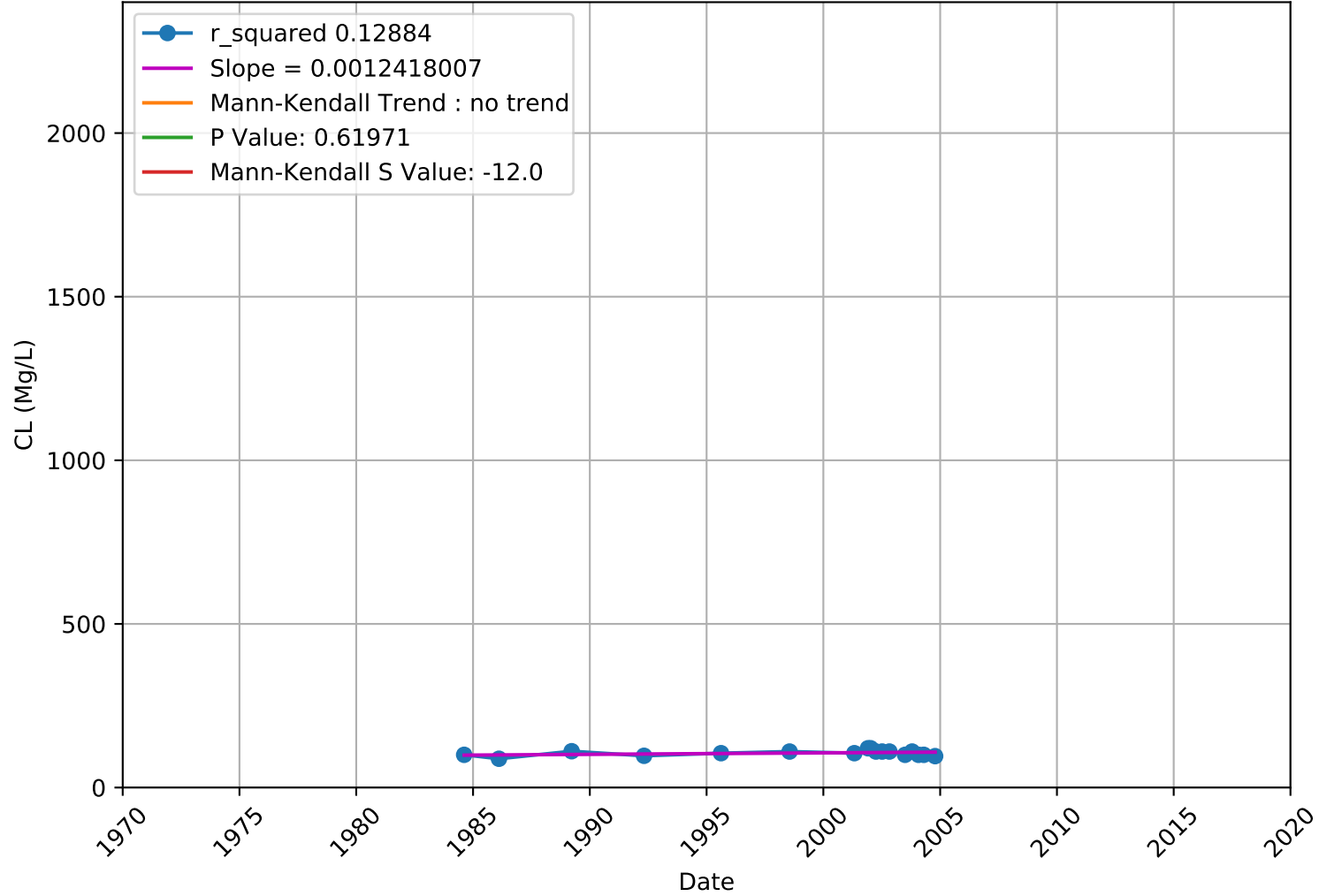
CL
3910011-006 - Lower Aquifer



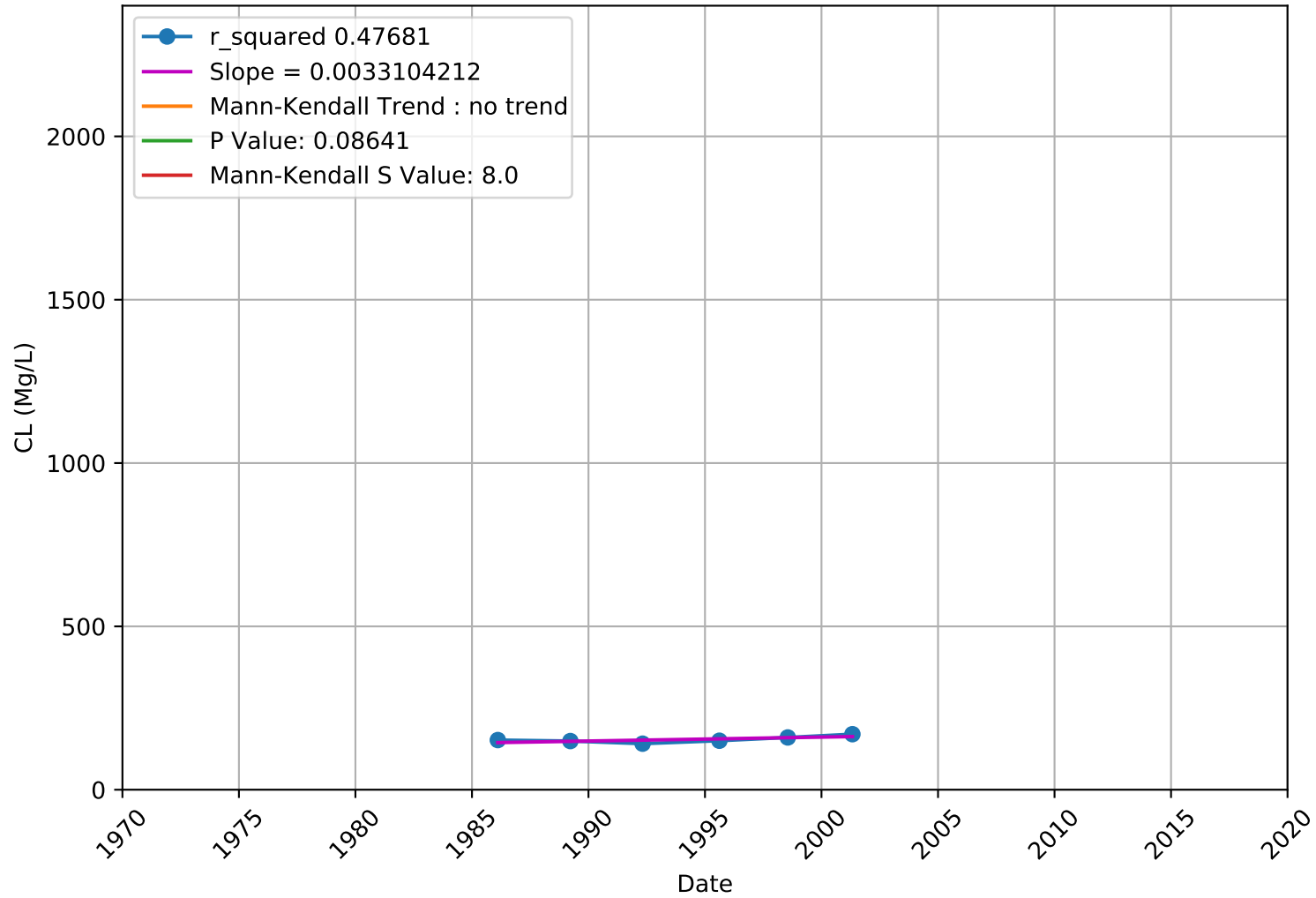
CL
3910011-007 - Unknown Aquifer



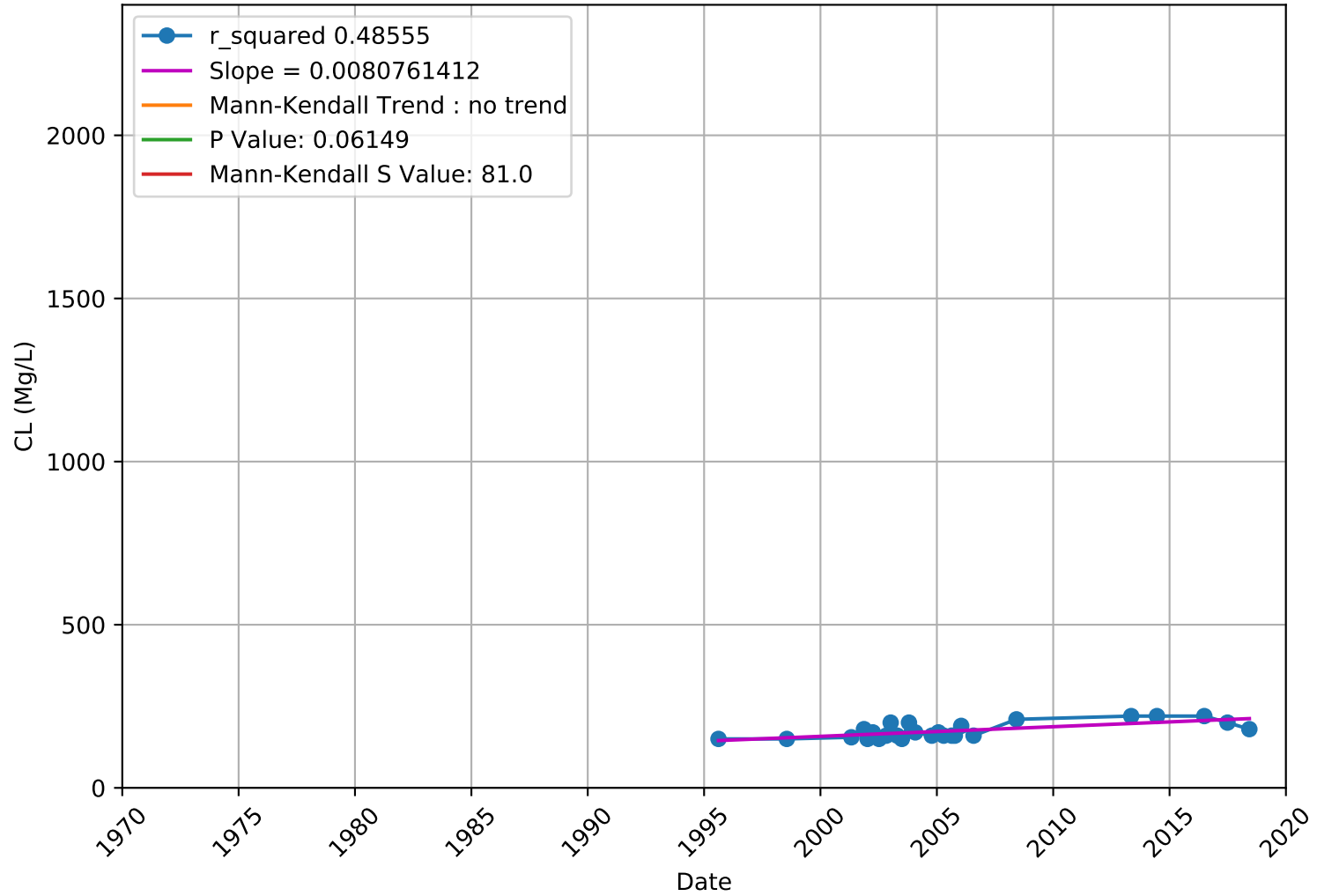
CL
3910011-010 - Unknown Aquifer



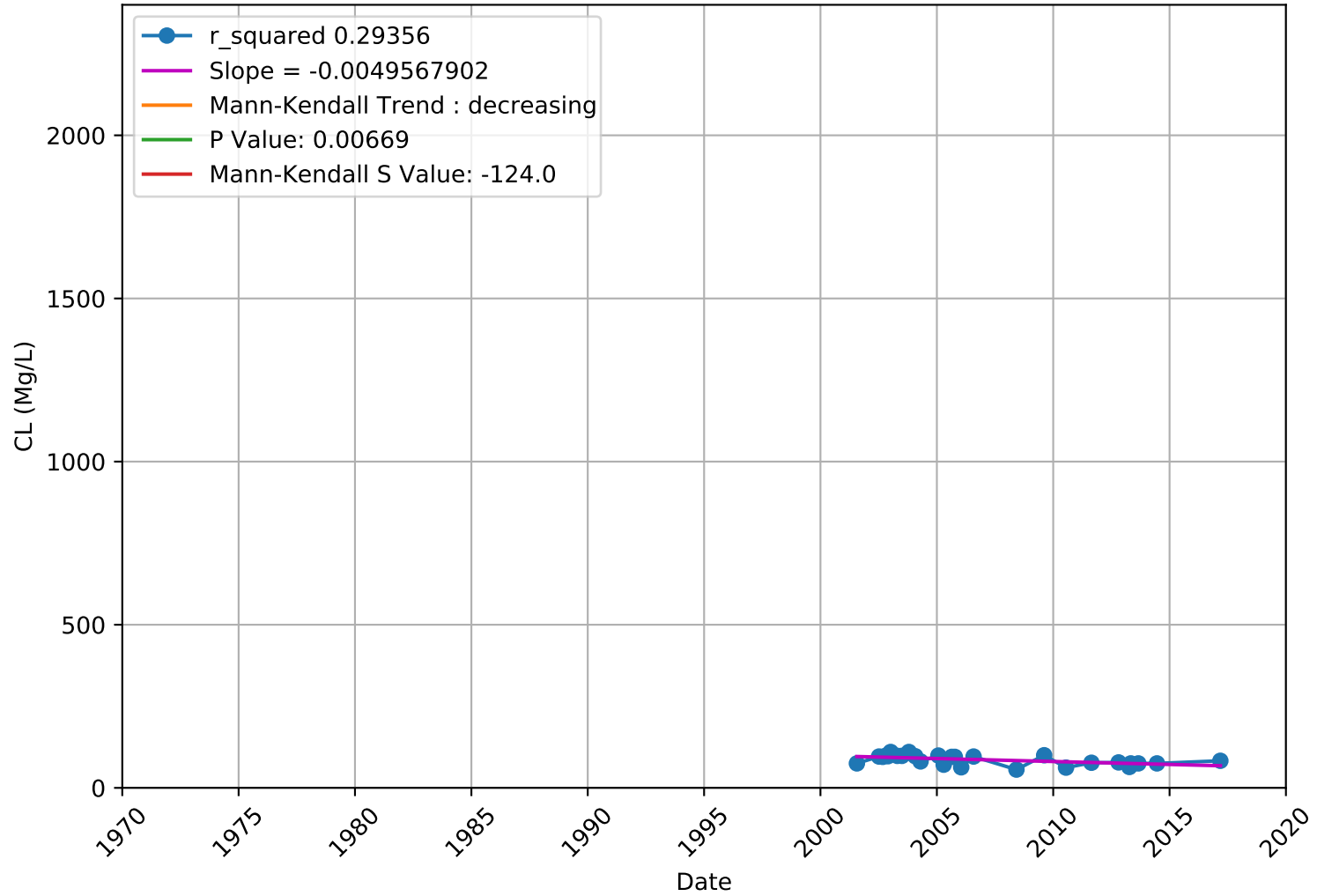
CL 3910011-017 - Unknown Aquifer



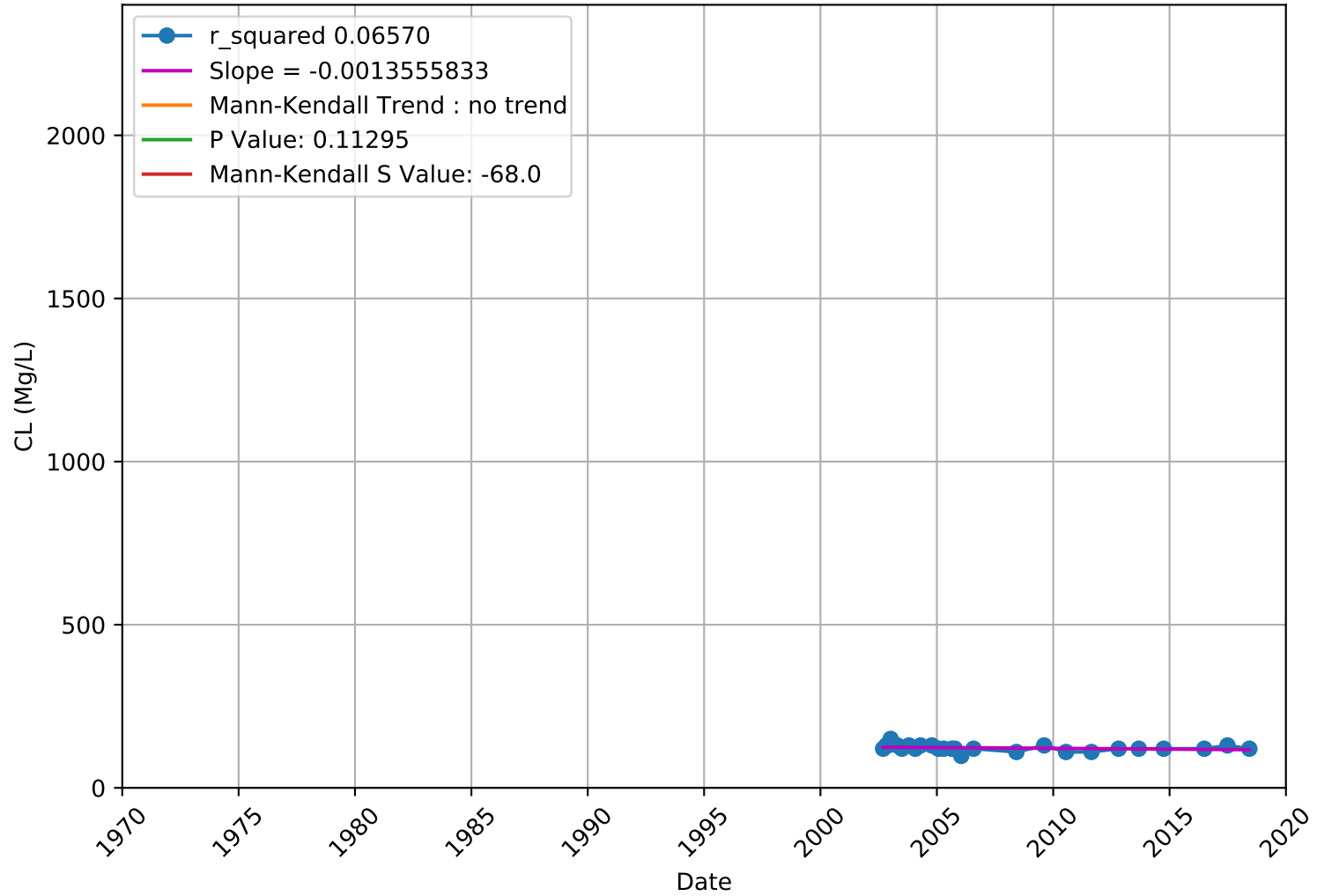
CL 3910011-018 - Lower Aquifer



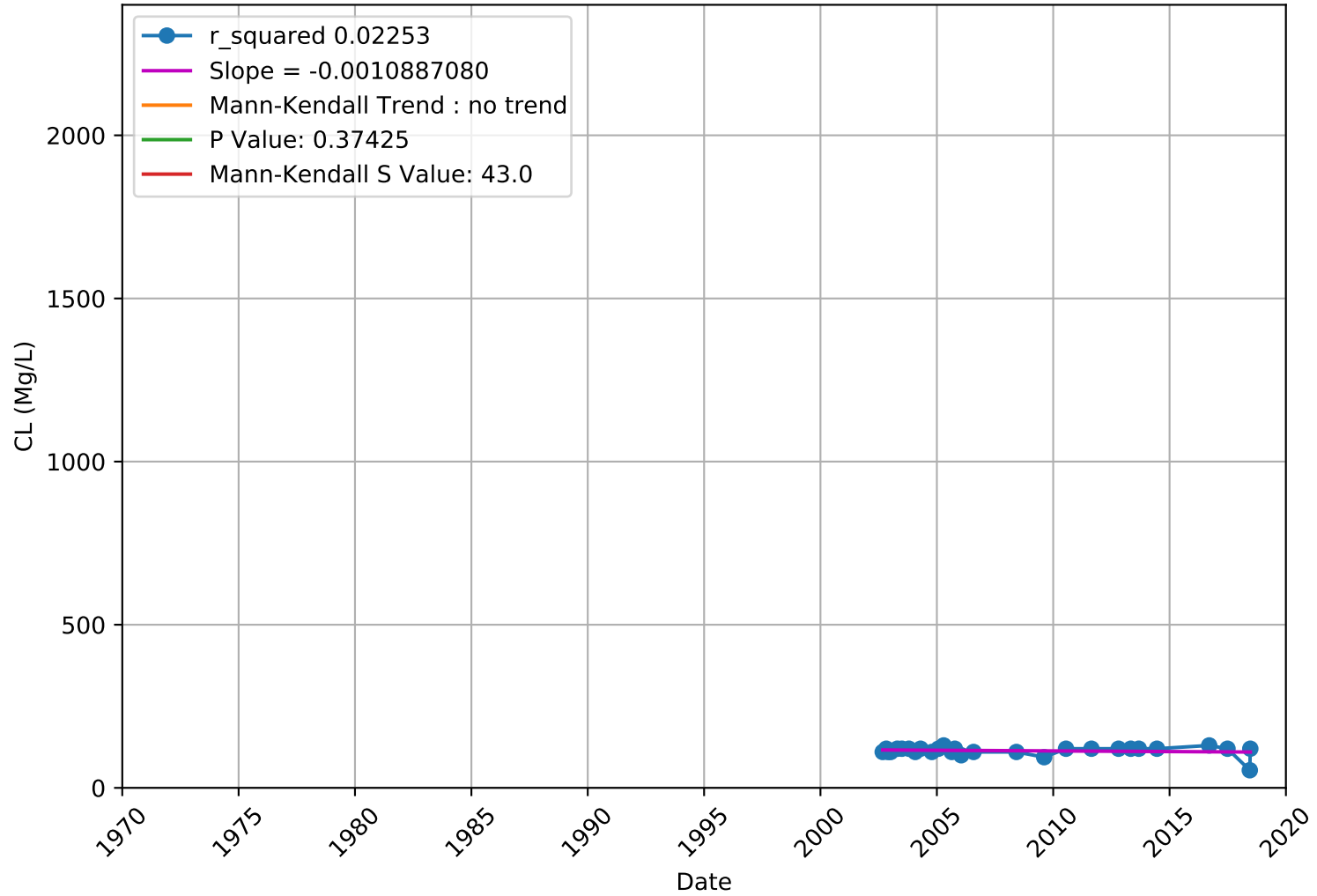
CL
3910011-030 - Lower Aquifer



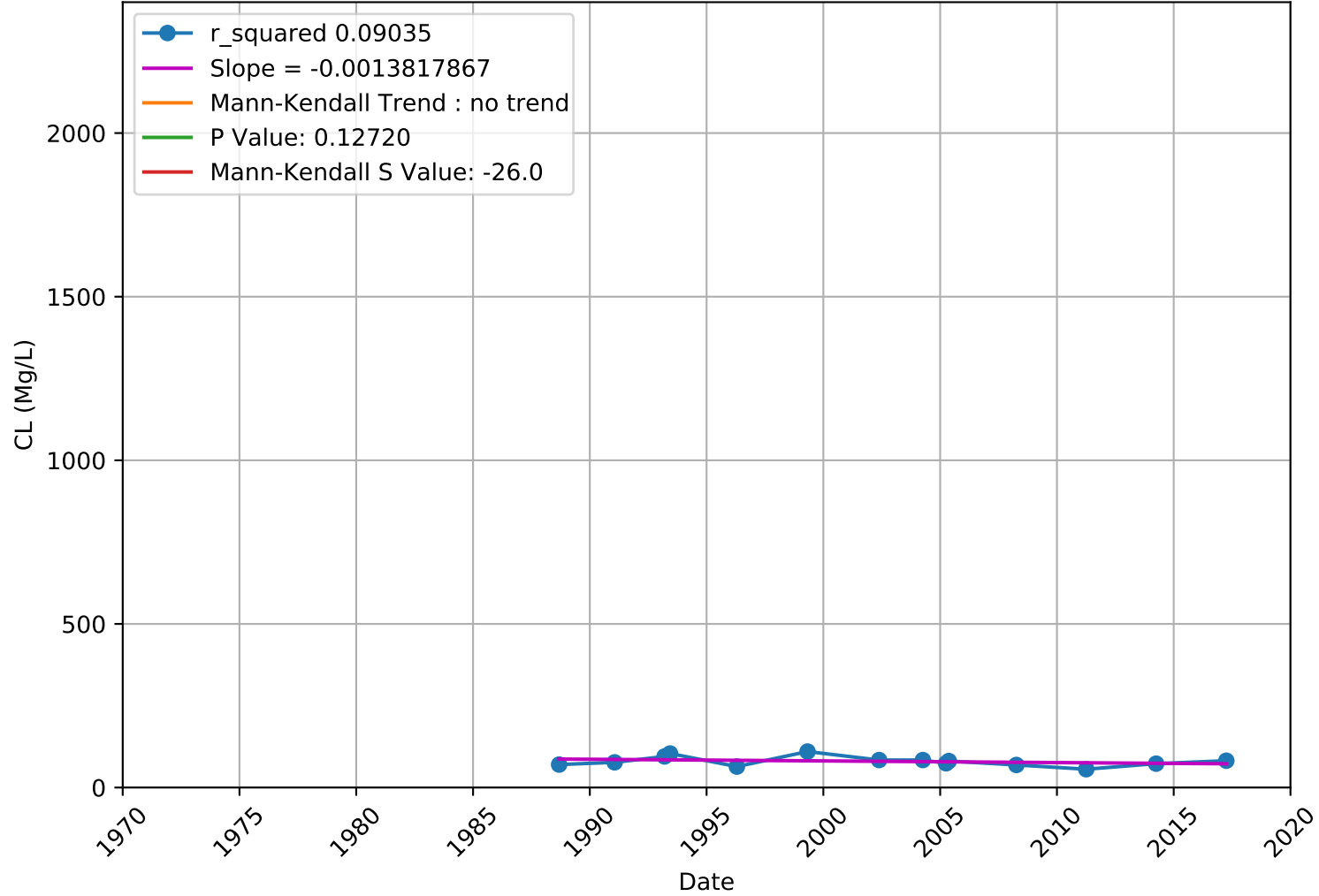
CL
3910011-032 - Lower Aquifer



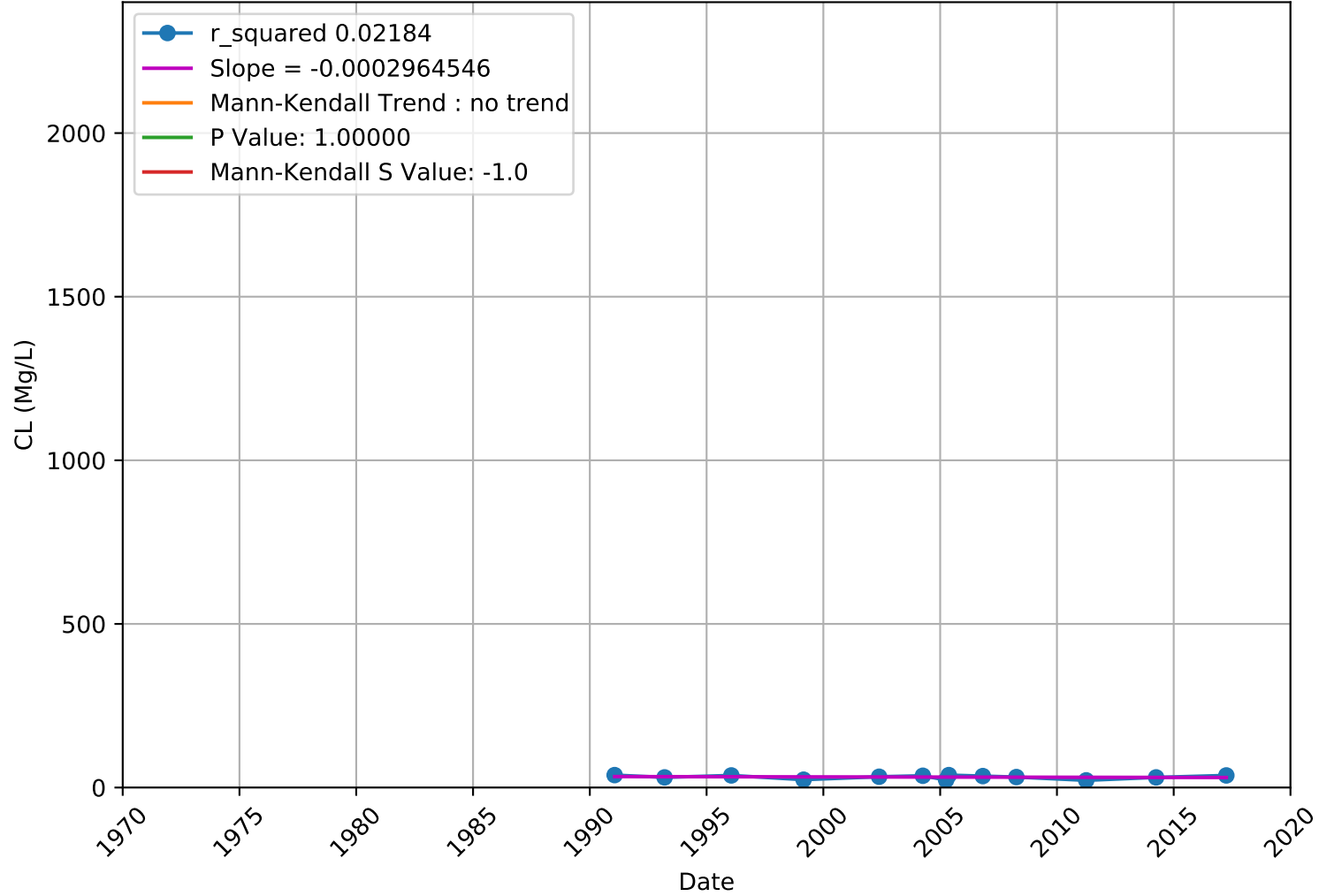
CL
3910011-034 - Lower Aquifer



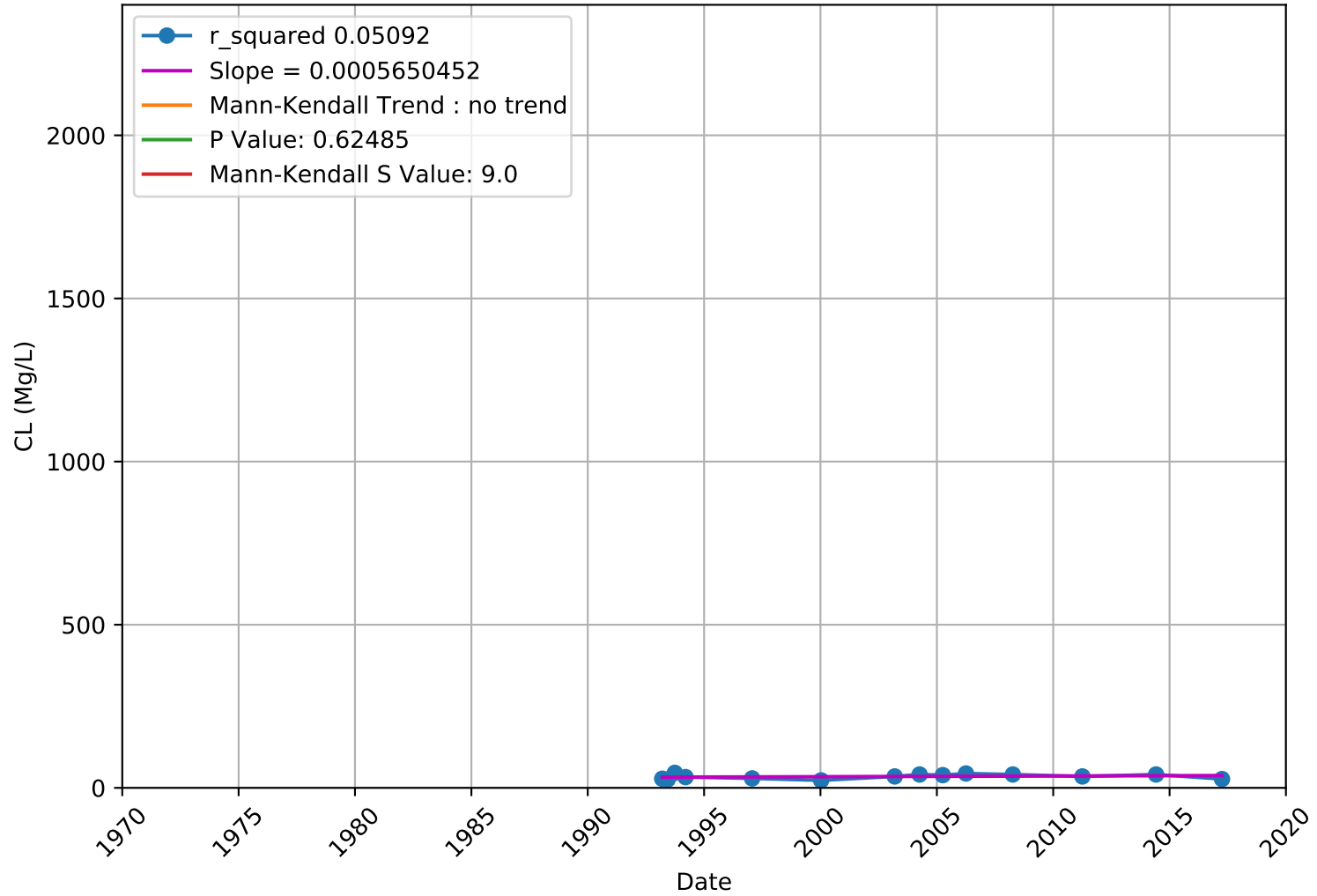
CL
3910015-005 - Upper Aquifer



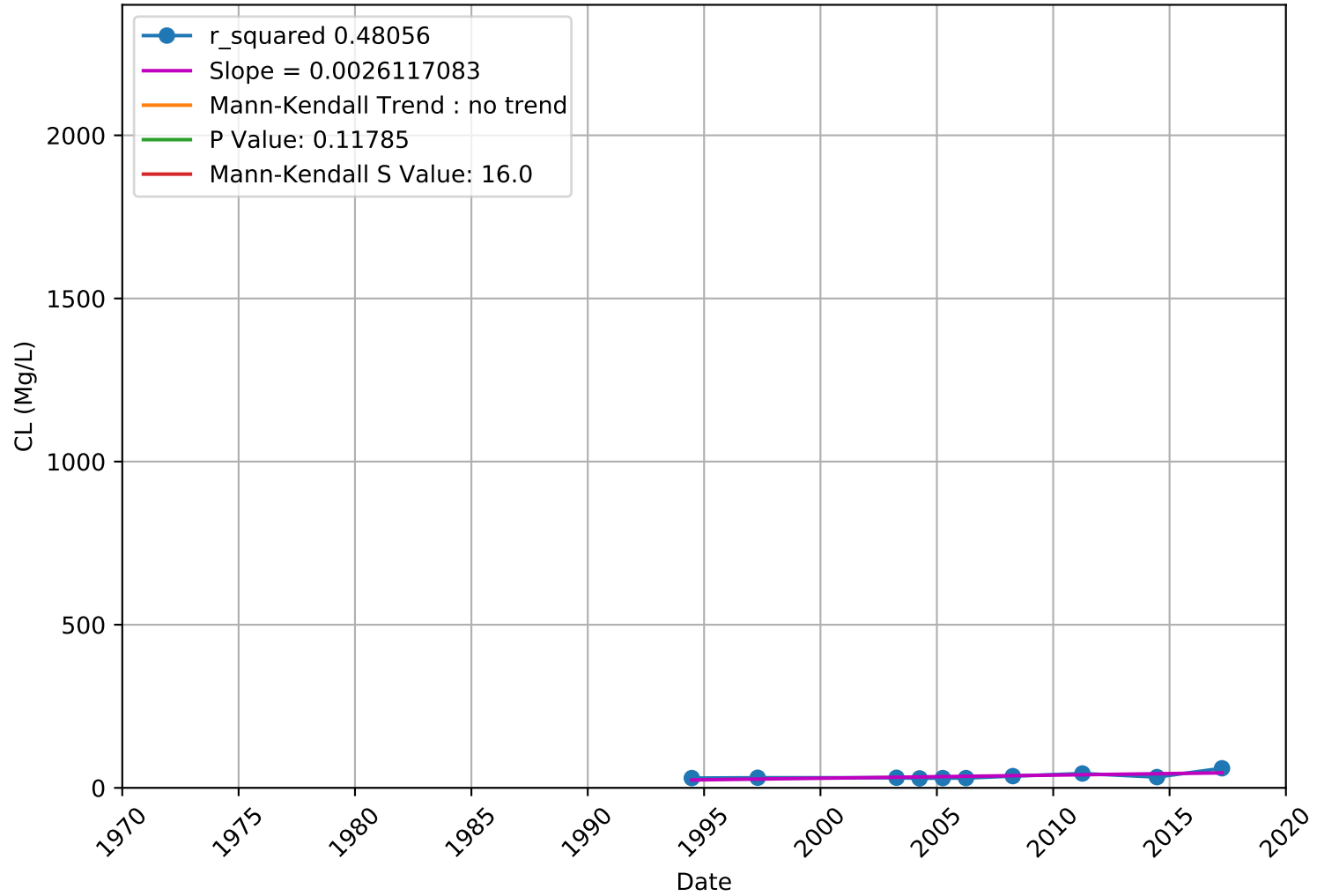
CL
3910015-006 - Upper Aquifer



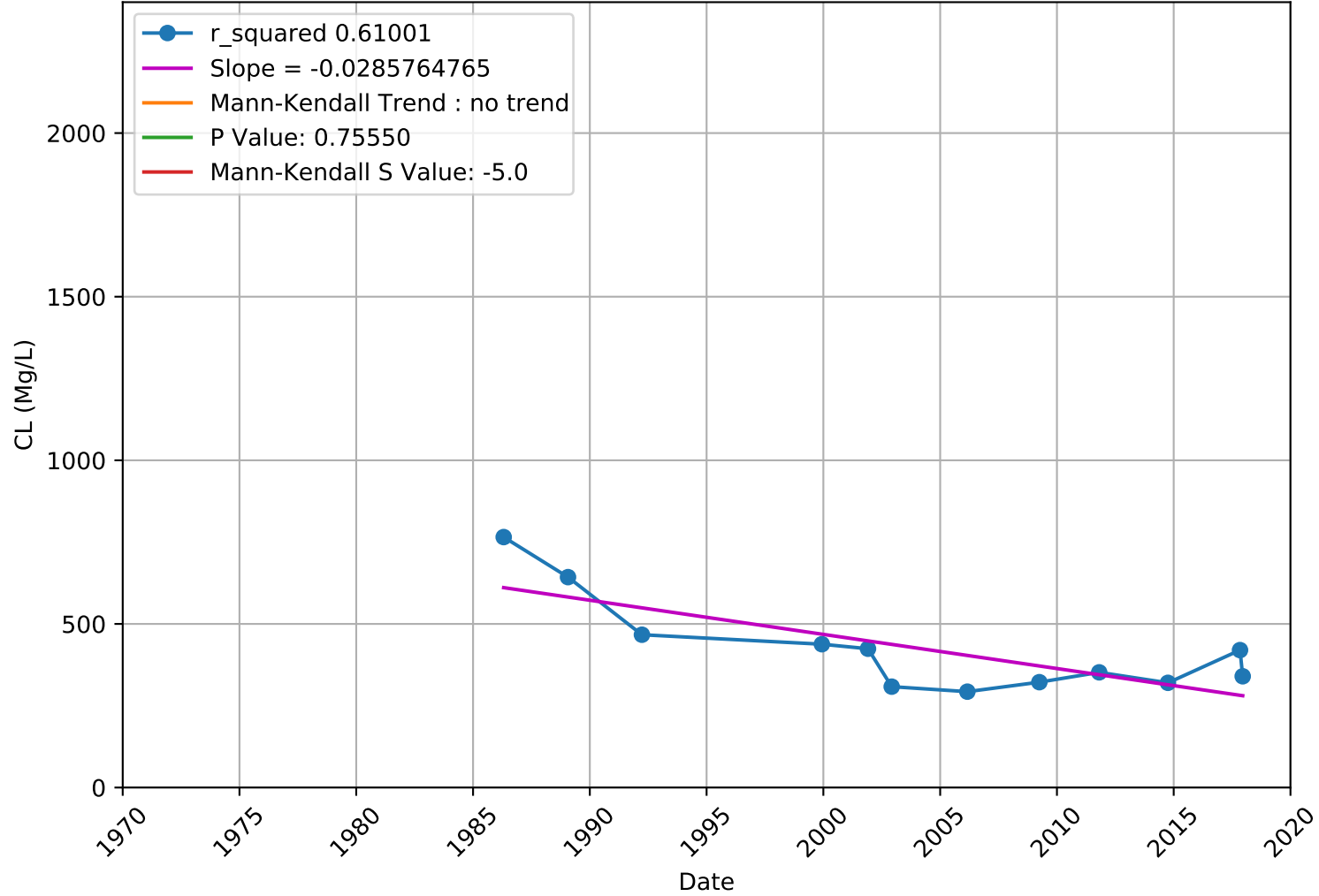
CL
3910015-007 - Upper Aquifer



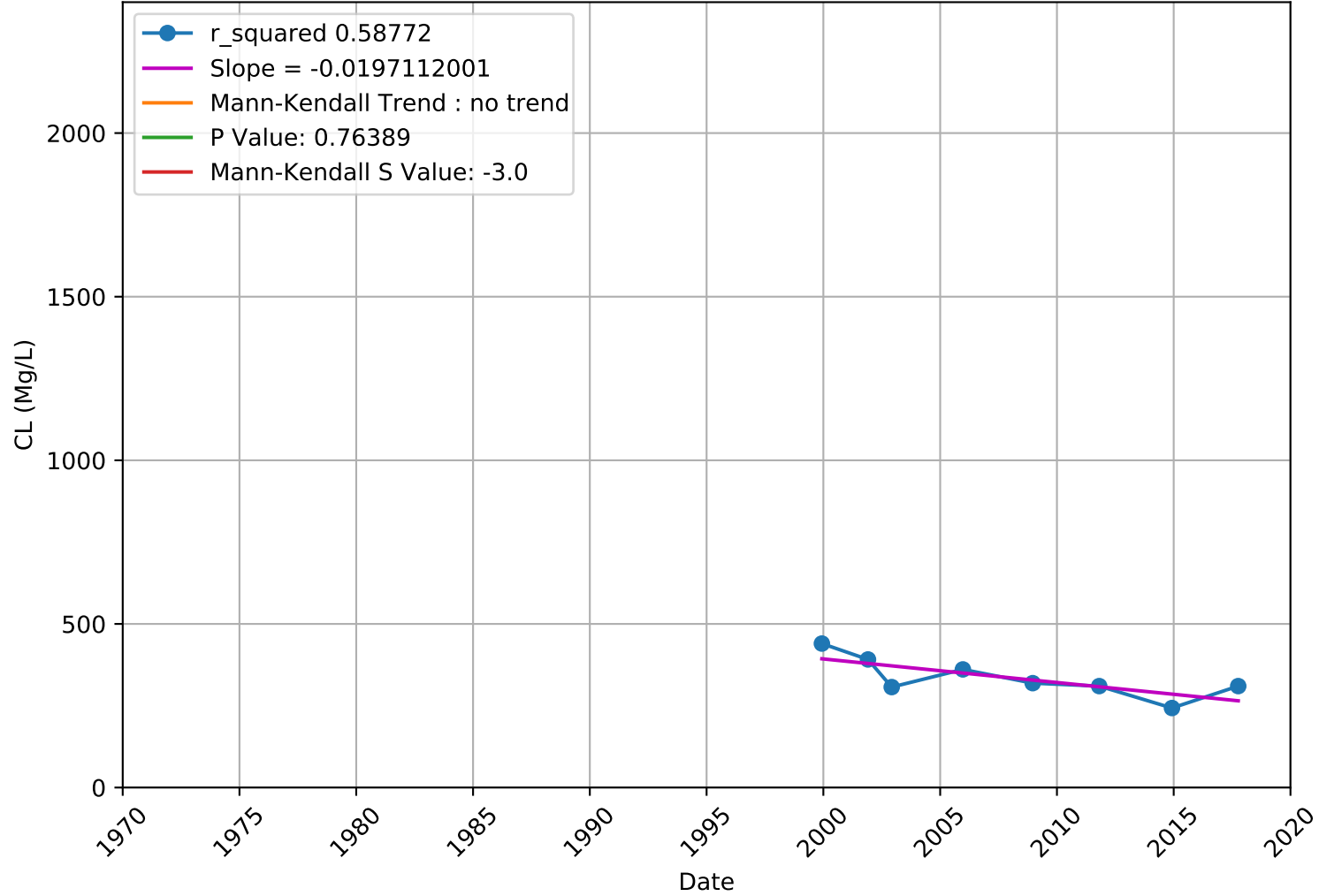
CL
3910015-008 - Upper Aquifer



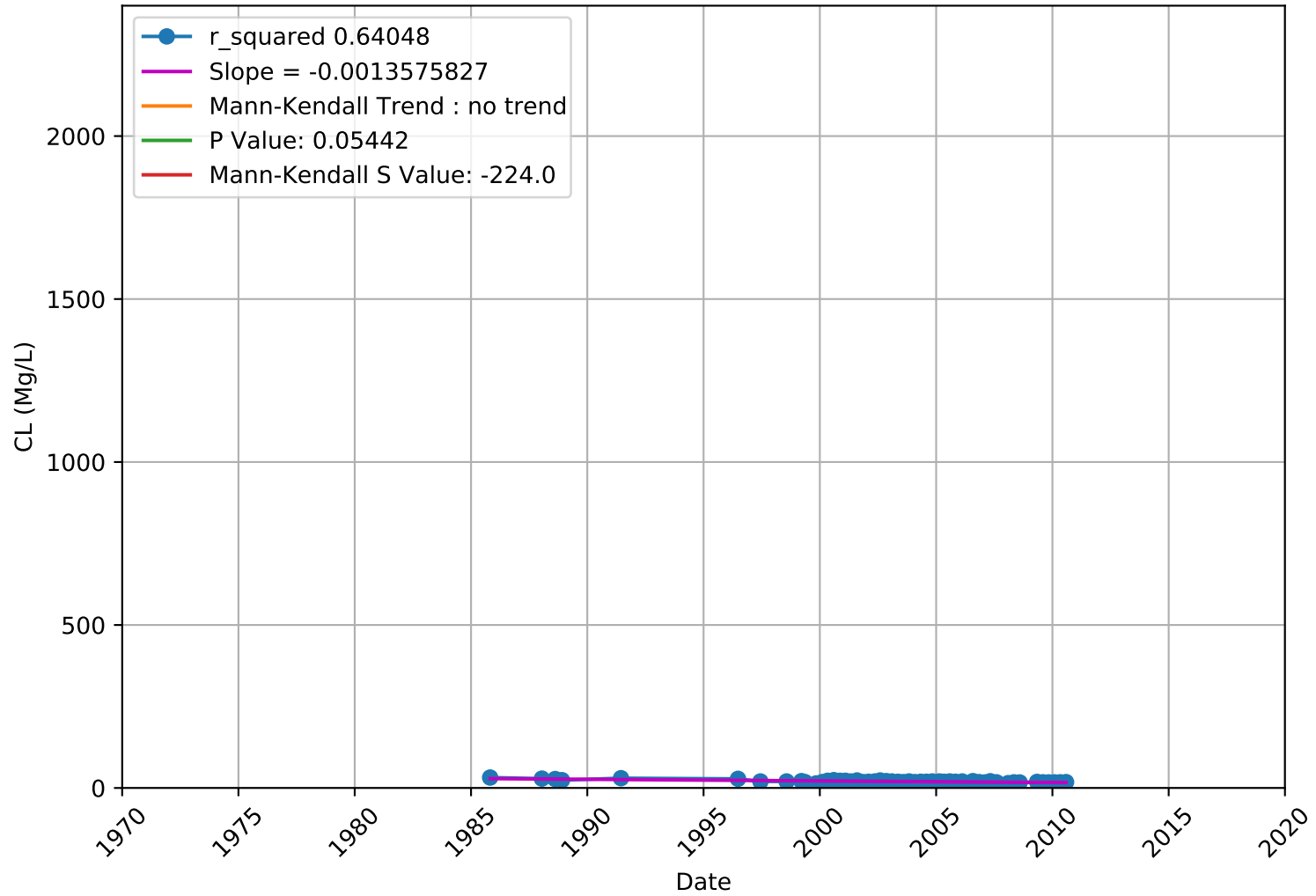
CL 3910018-001 - Unknown Aquifer



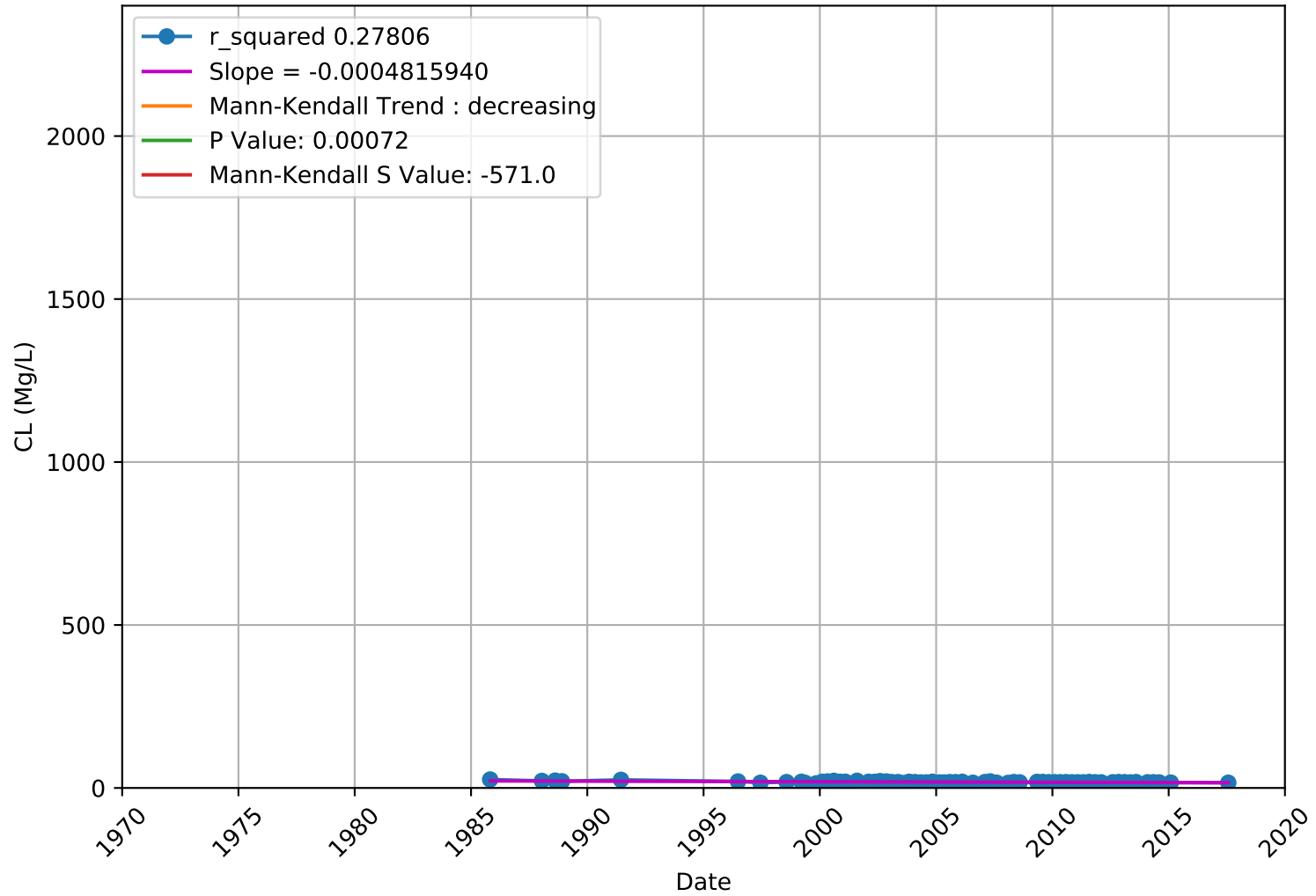
CL 3910018-004 - Unknown Aquifer



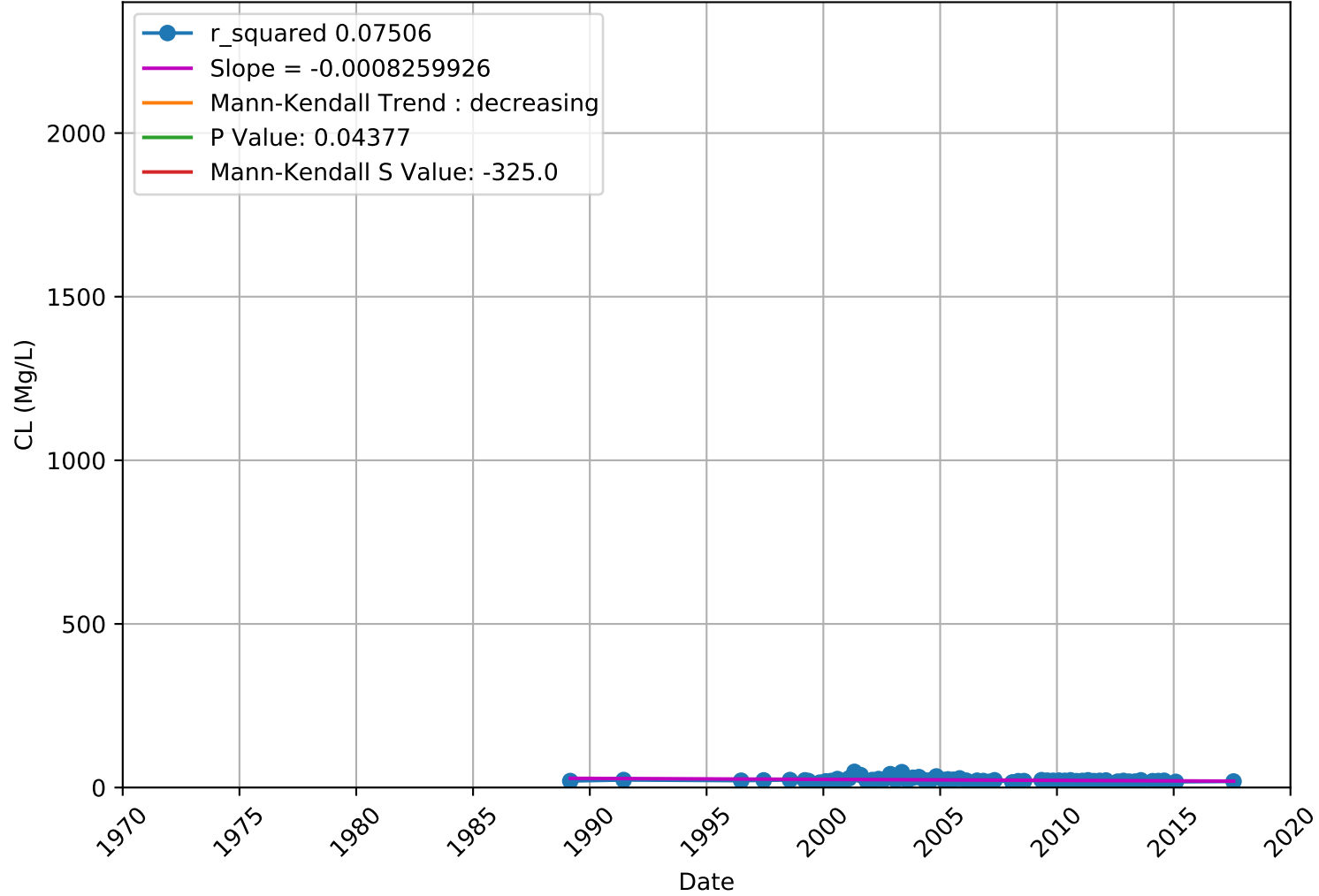
CL 3910701-001 - Unknown Aquifer



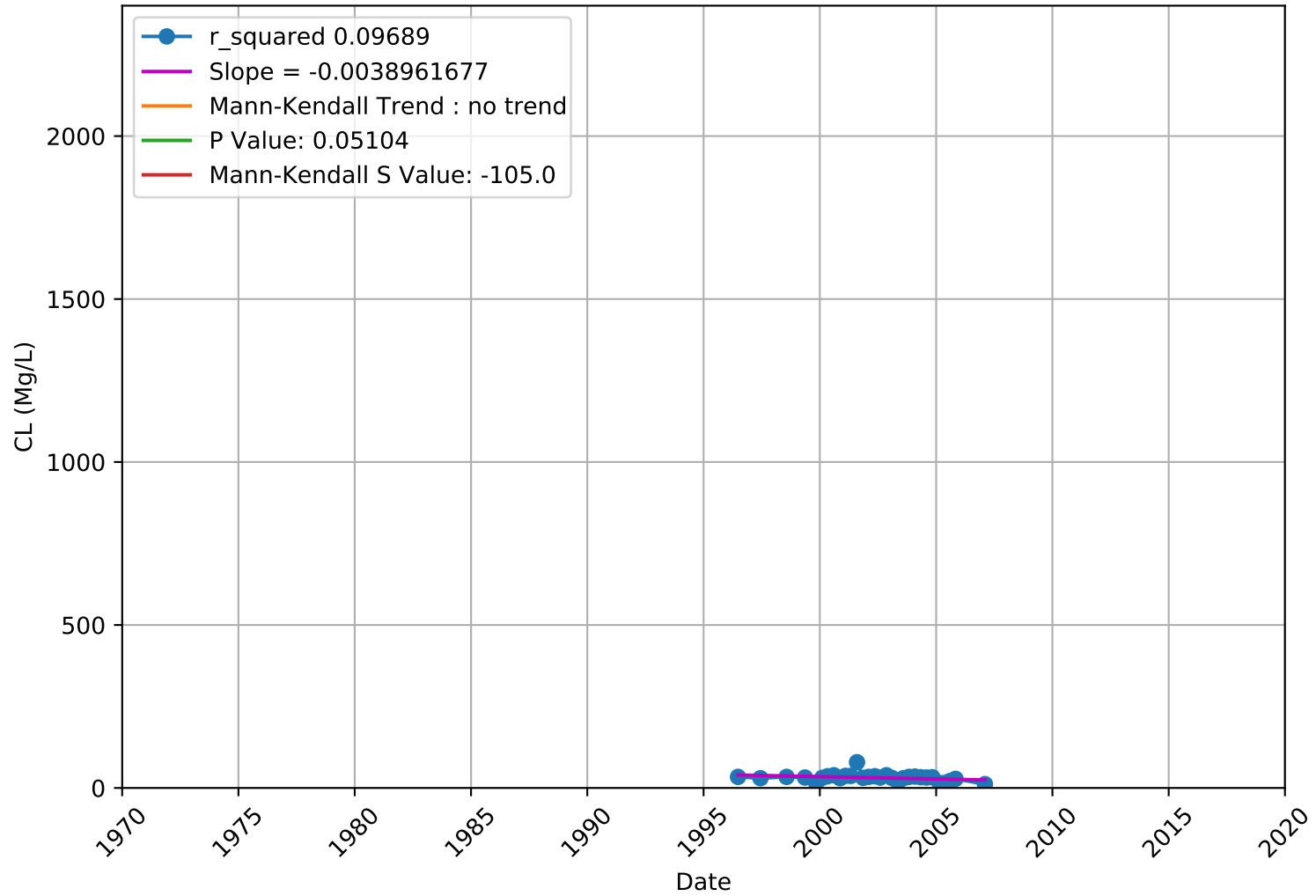
CL 3910701-003 - Unknown Aquifer



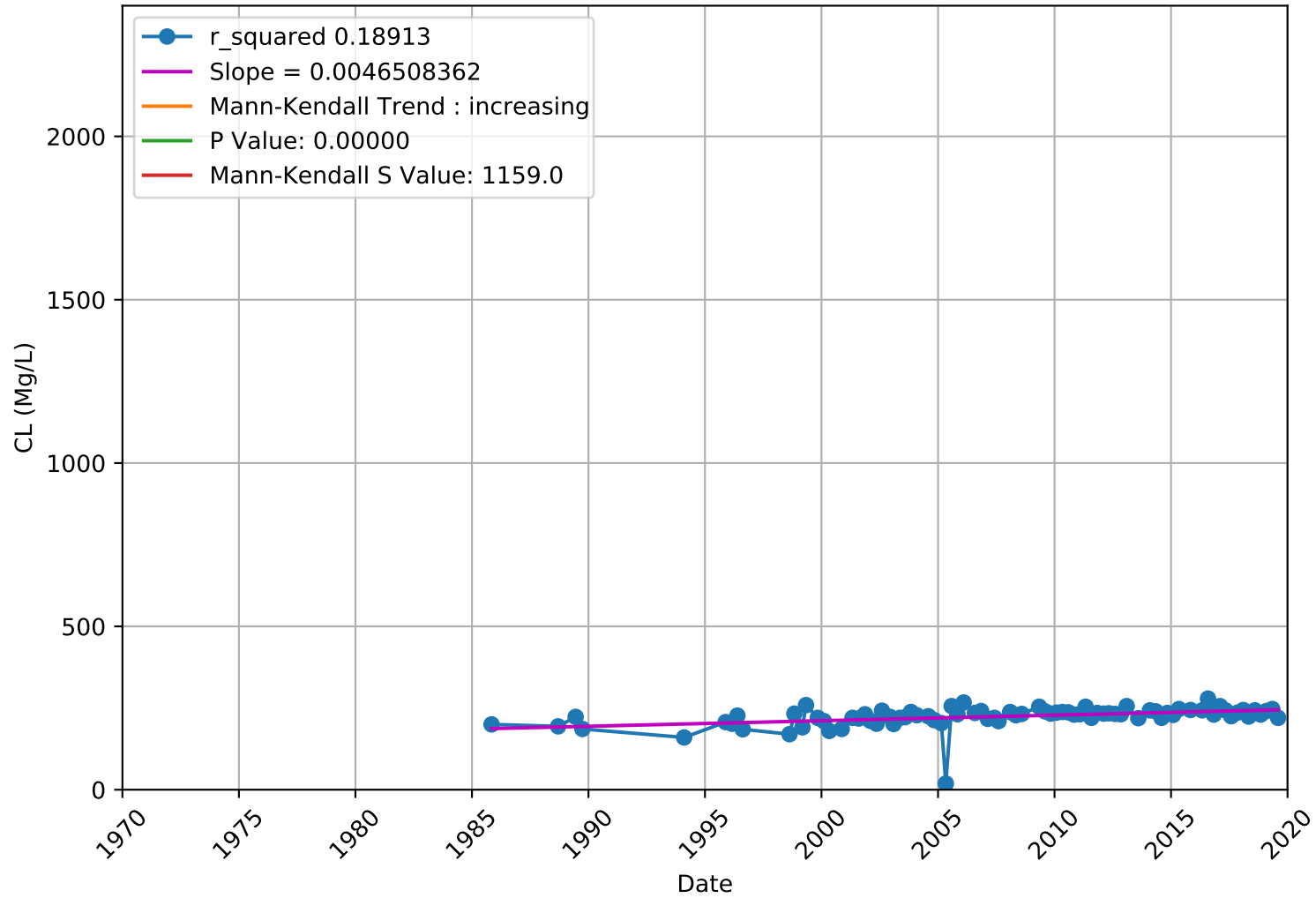
CL
3910701-005 - Unknown Aquifer



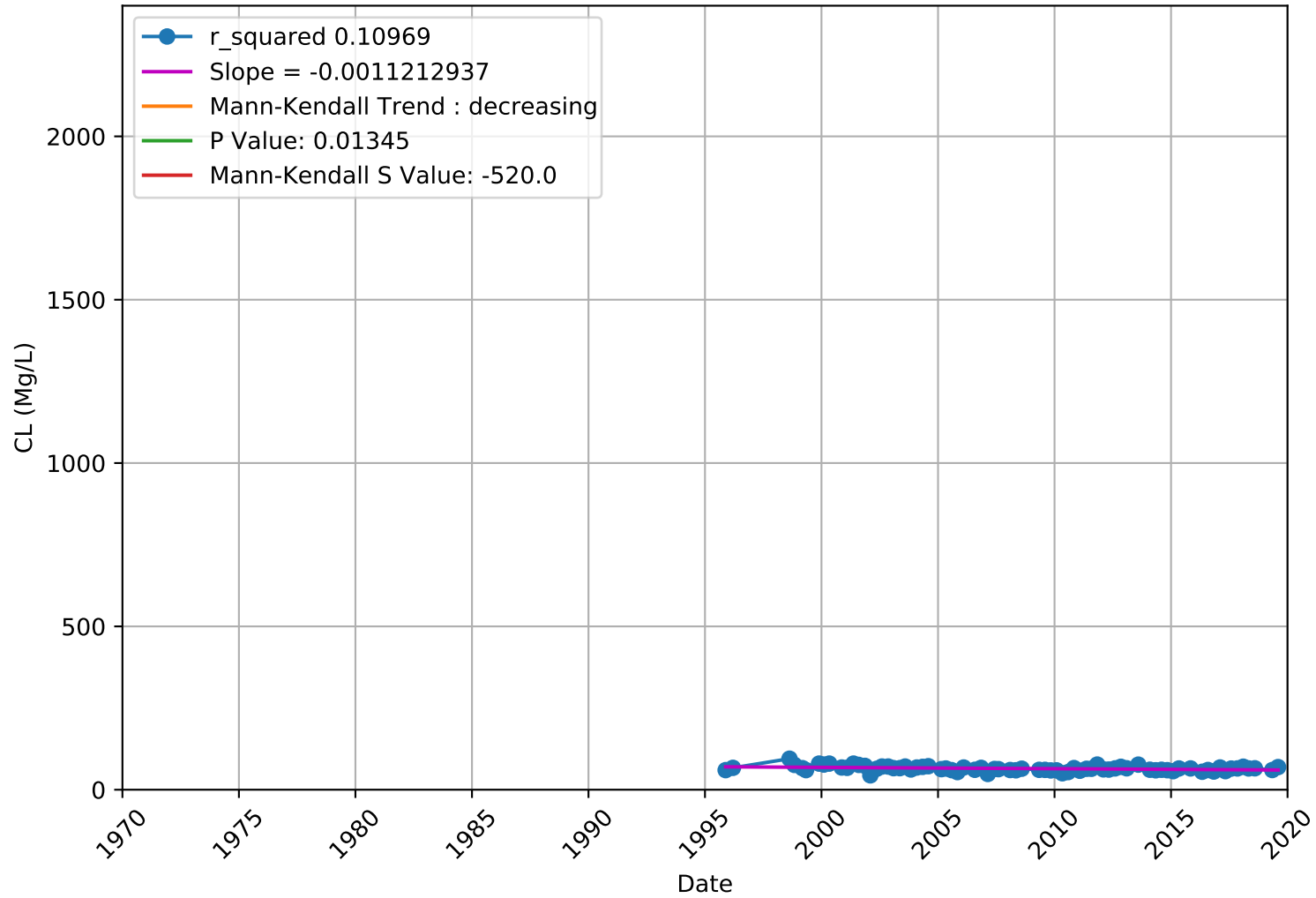
CL 3910701-007 - Unknown Aquifer



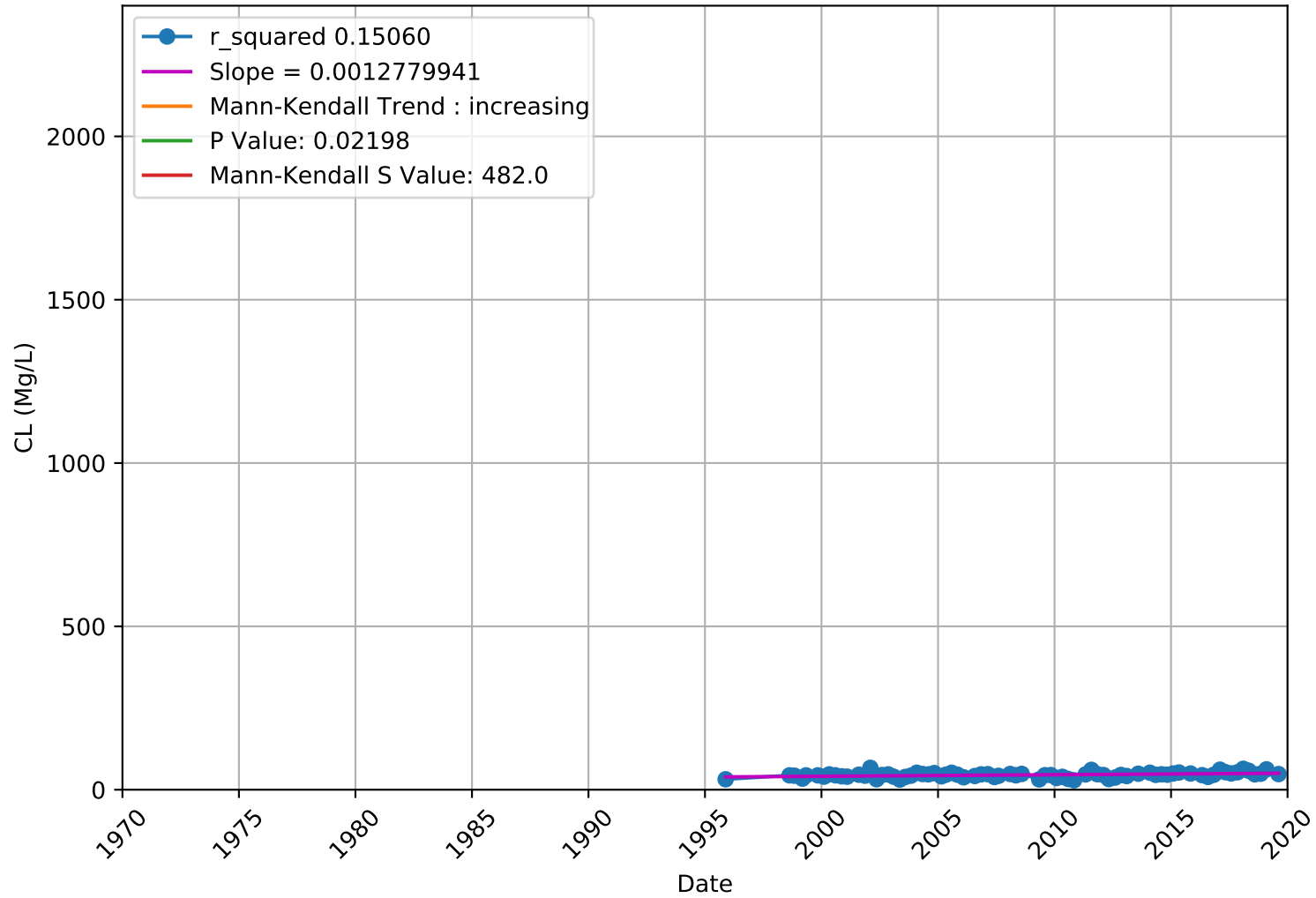
CL 3910702-003 - Unknown Aquifer



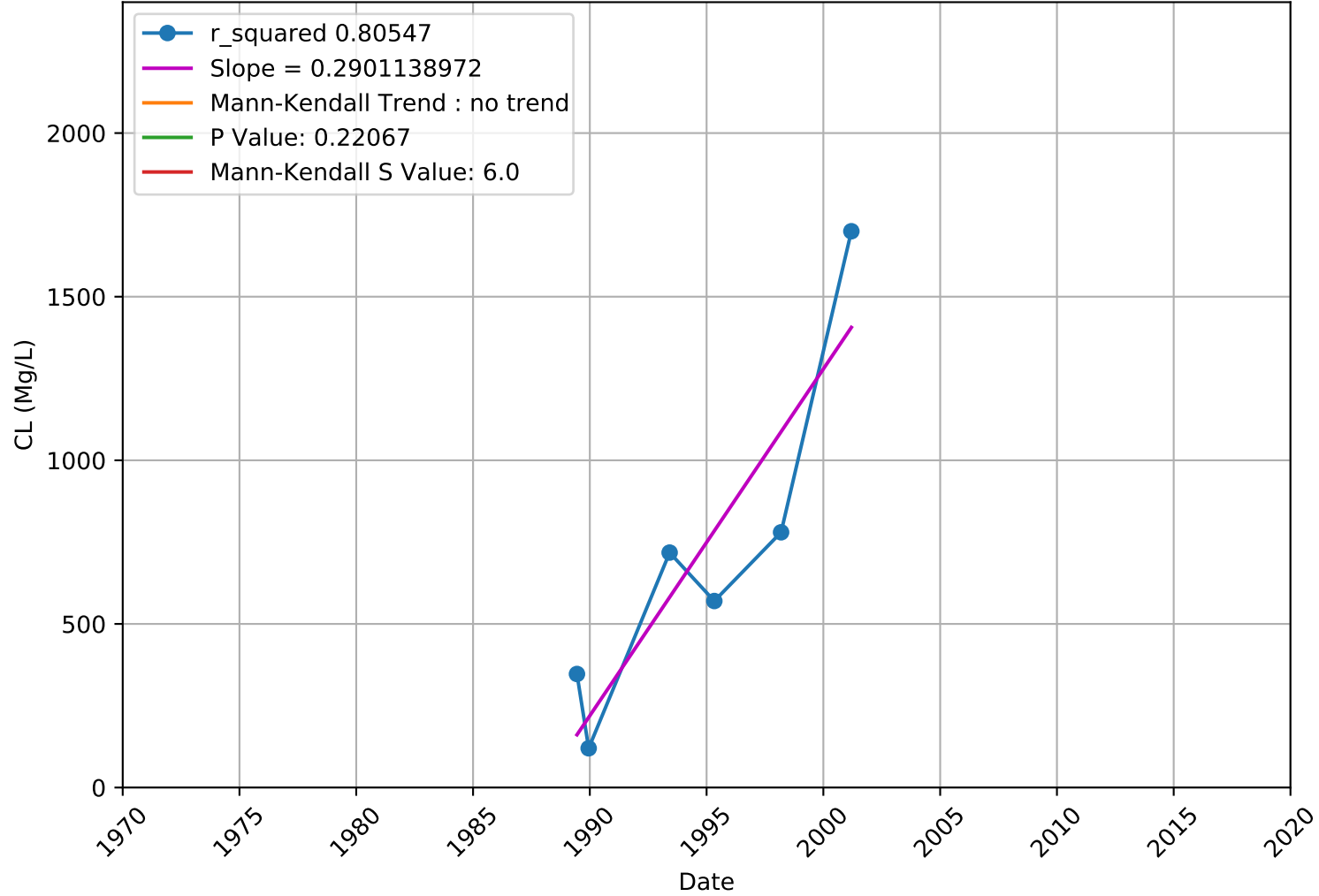
CL
3910702-005 - Unknown Aquifer



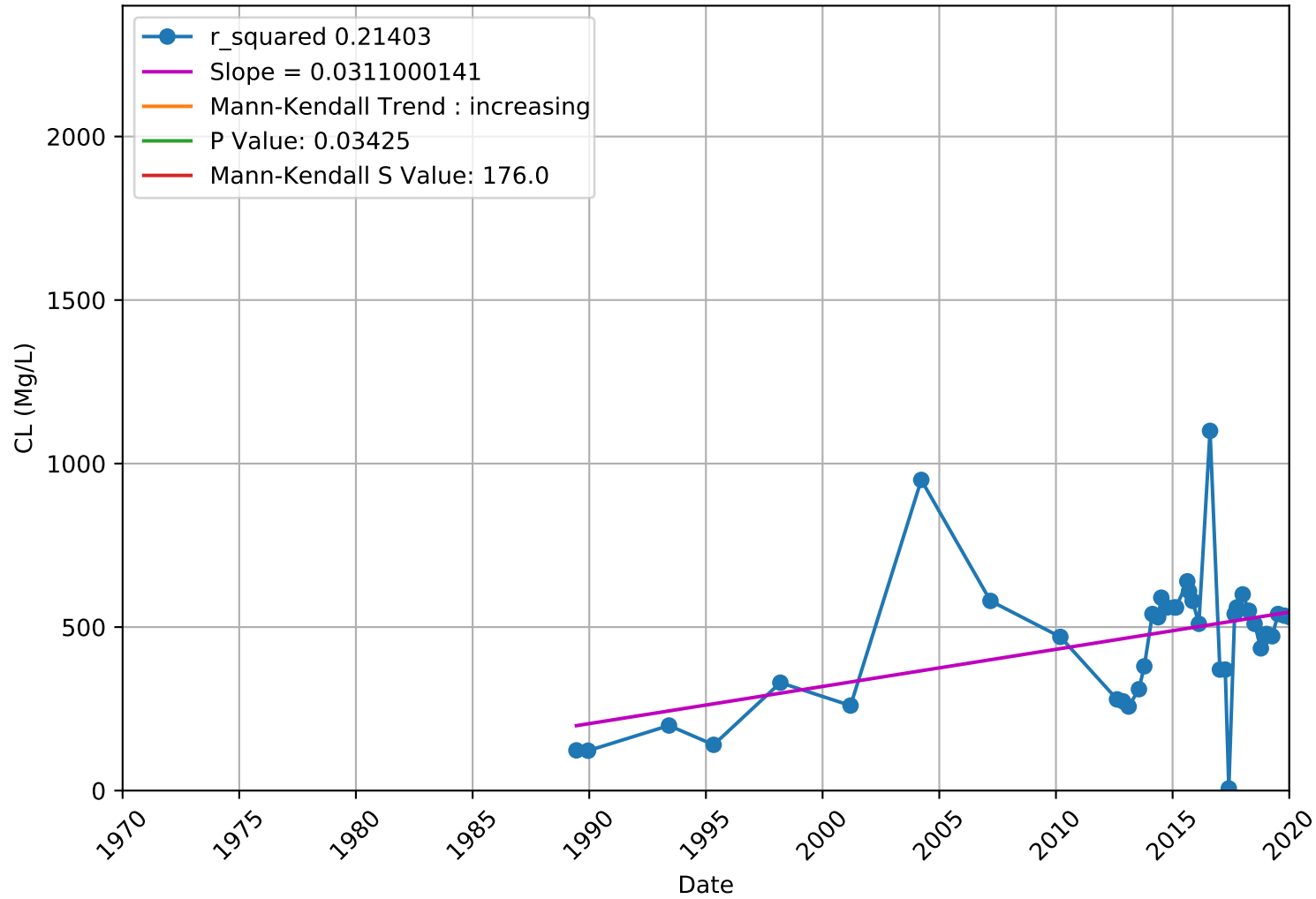
CL
3910702-006 - Unknown Aquifer



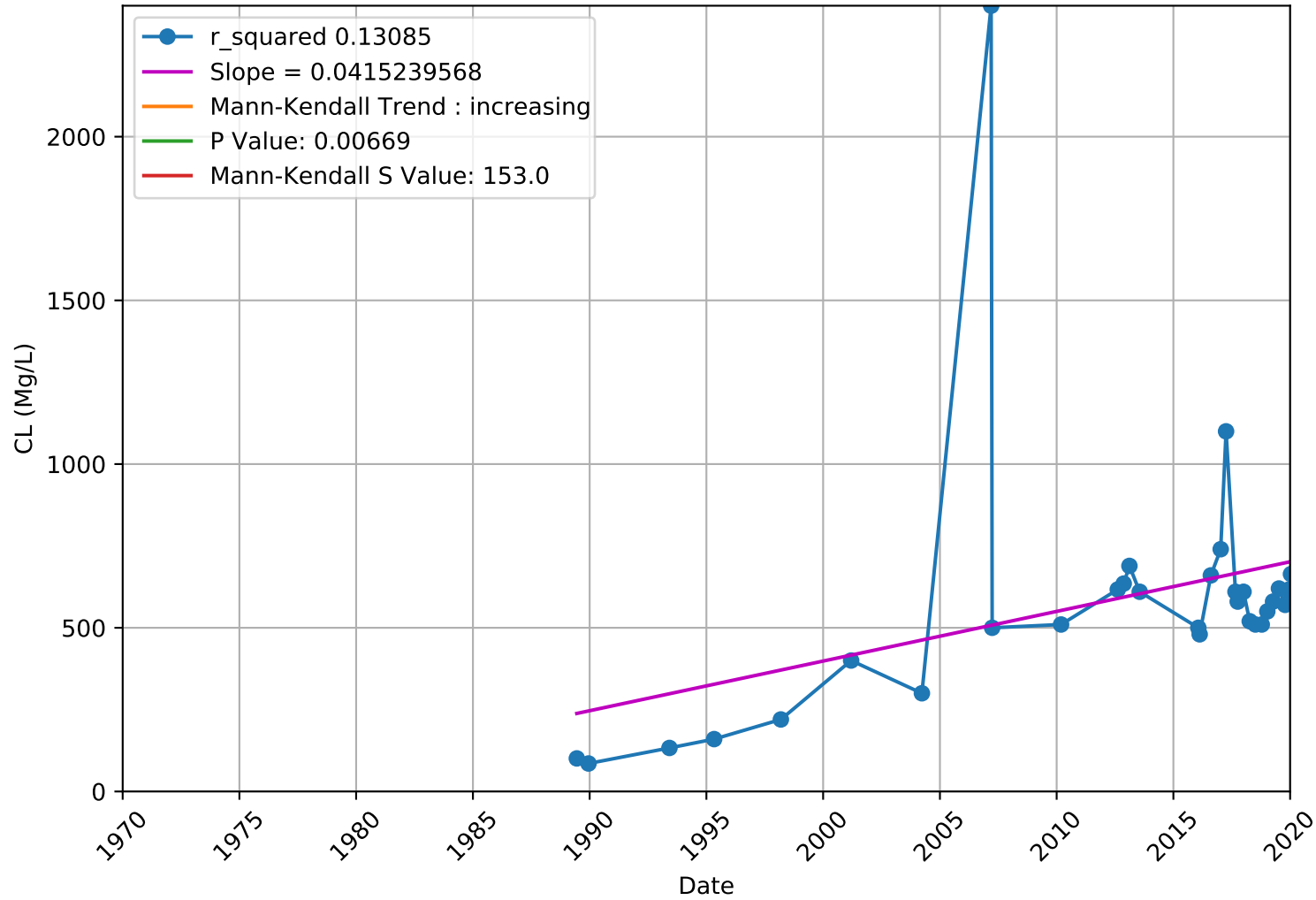
CL 3910800-001 - Unknown Aquifer



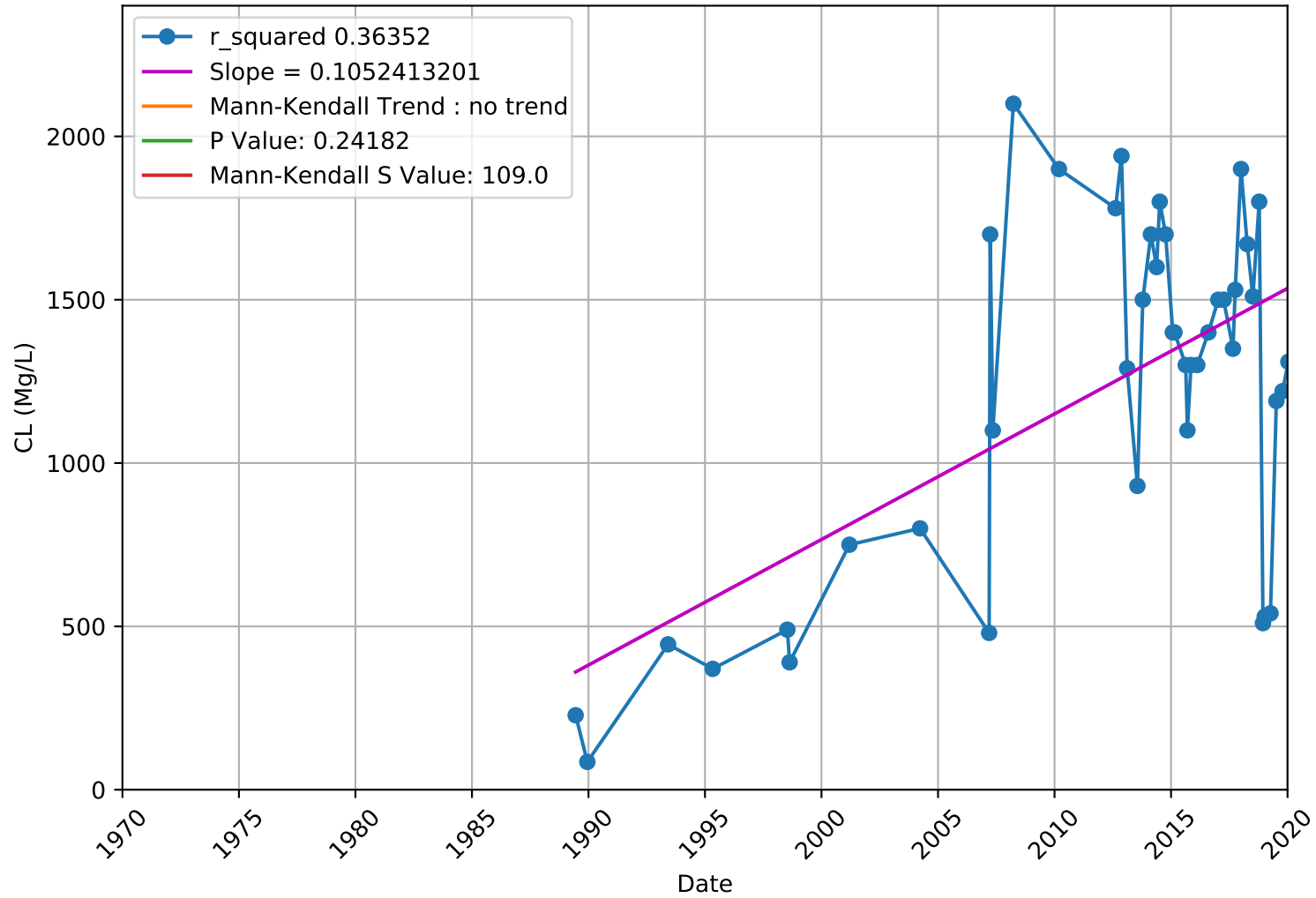
CL 3910800-002 - Unknown Aquifer



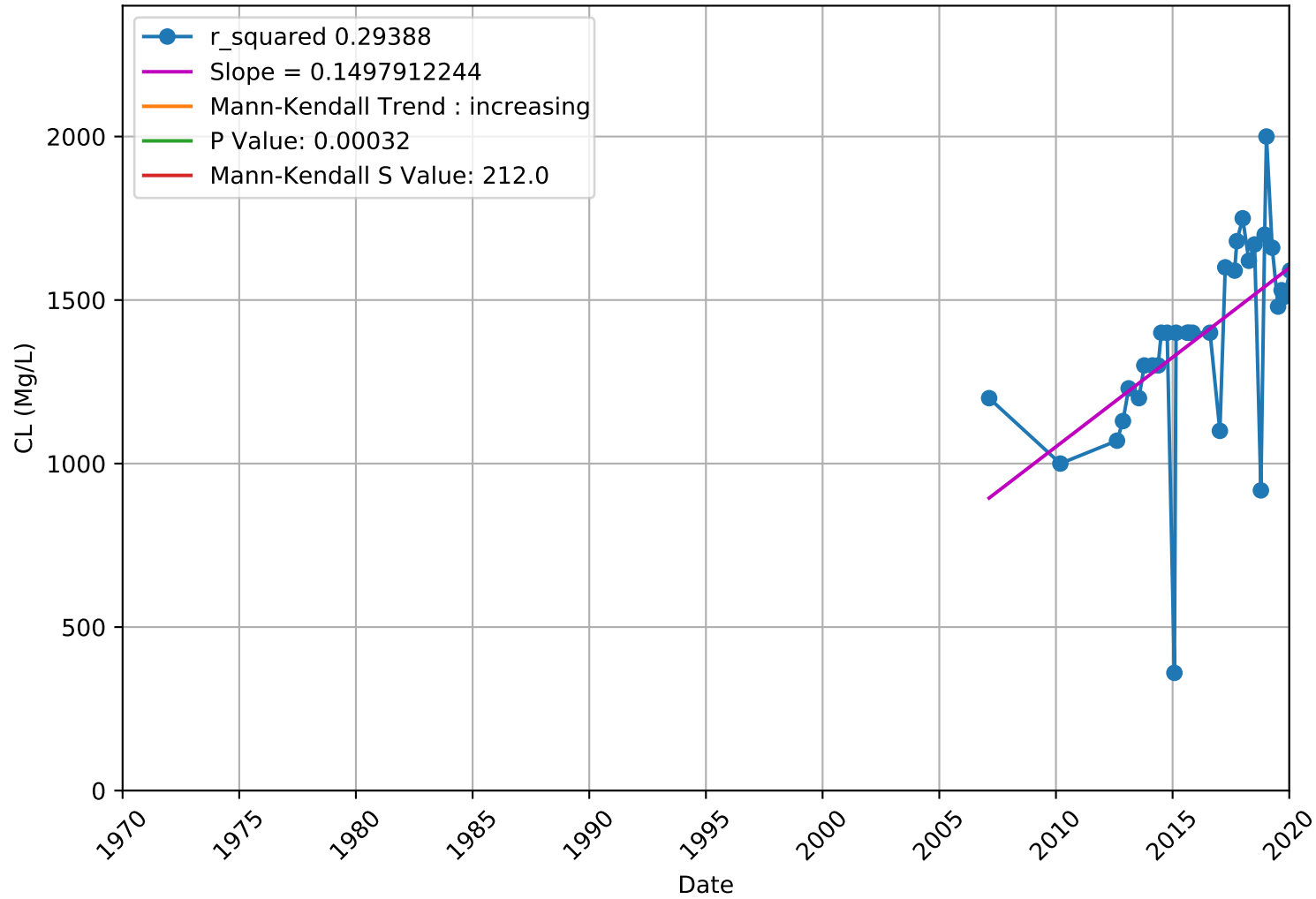
CL 3910800-003 - Unknown Aquifer



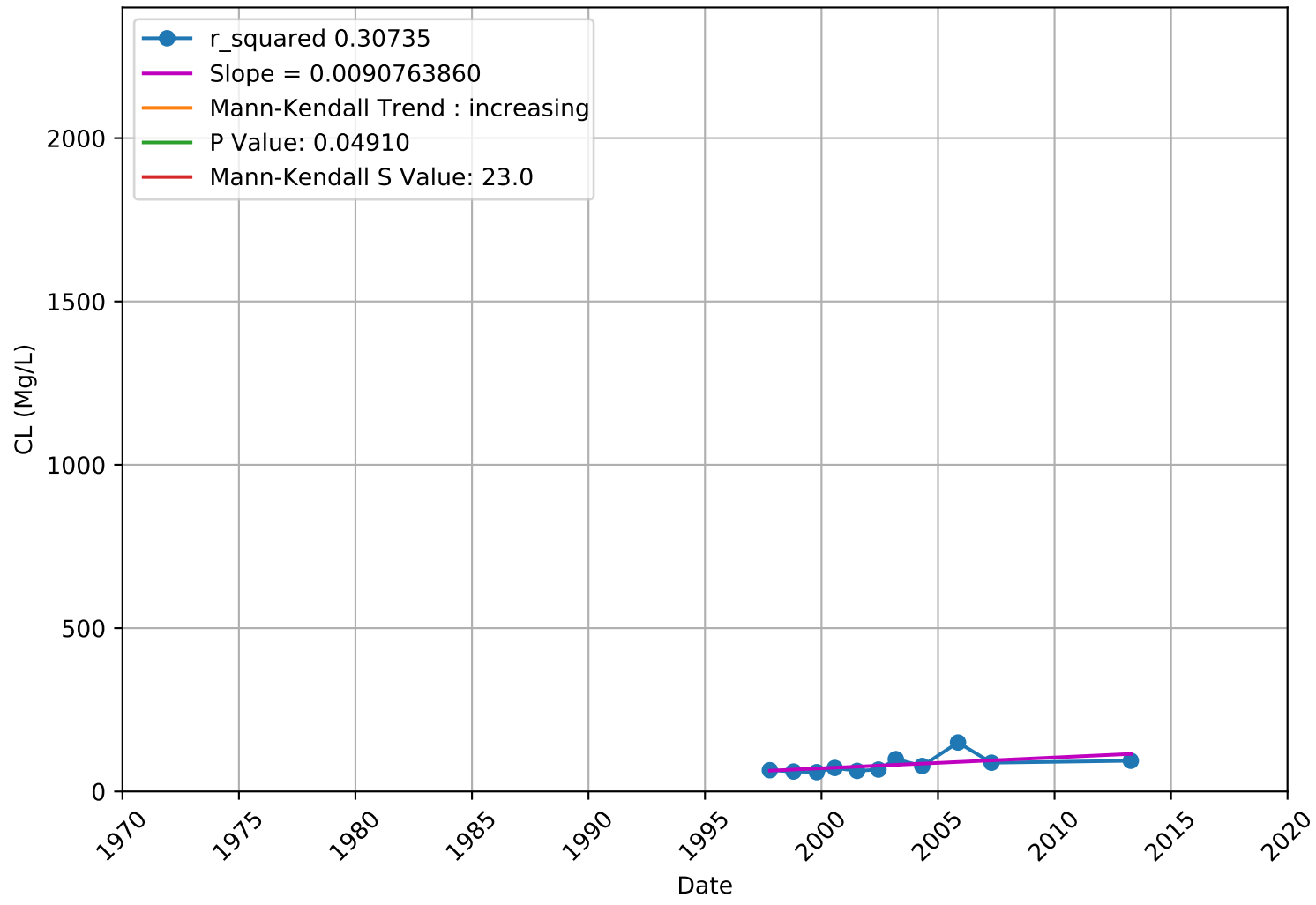
CL 3910800-004 - Unknown Aquifer



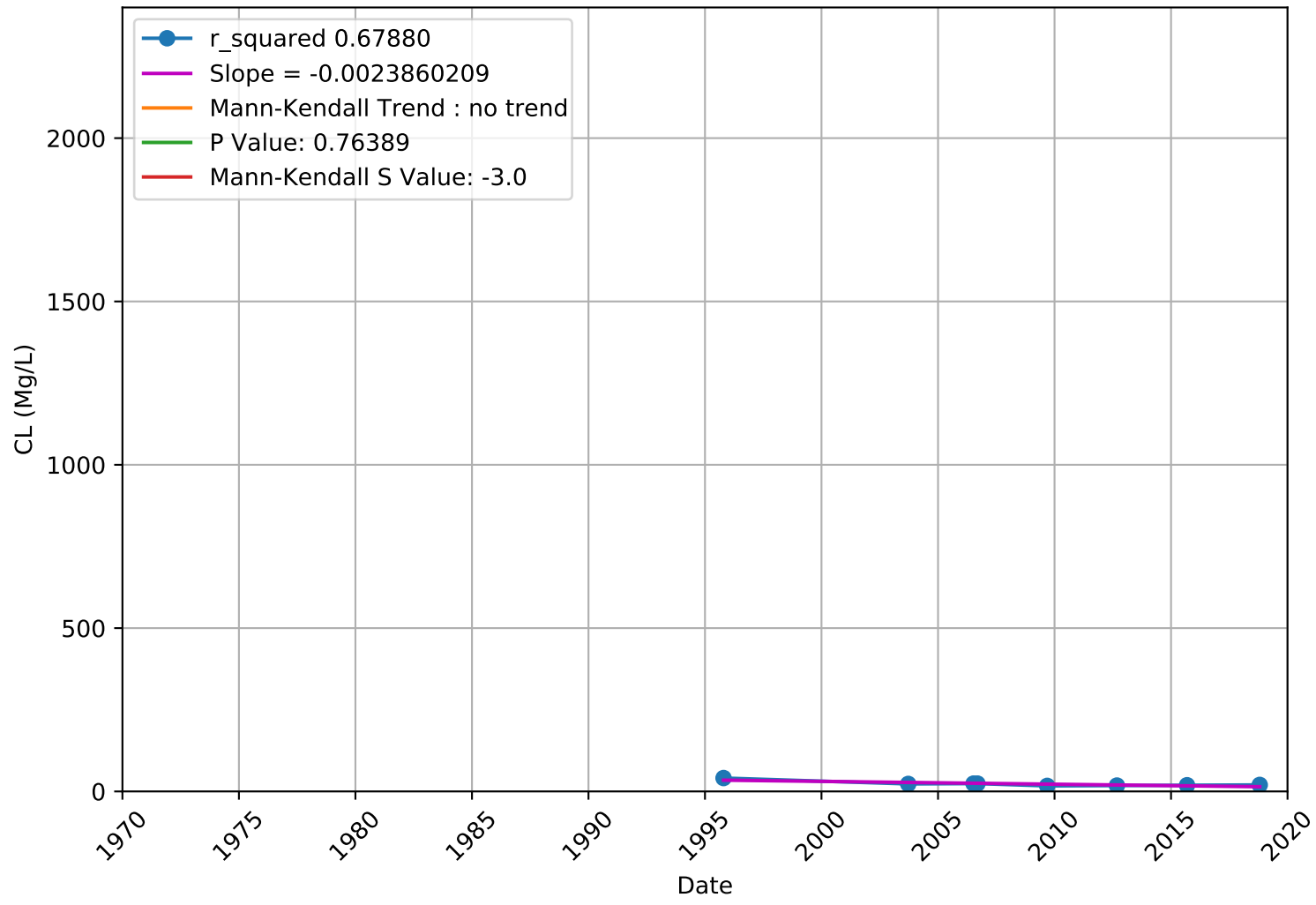
CL 3910800-006 - Unknown Aquifer



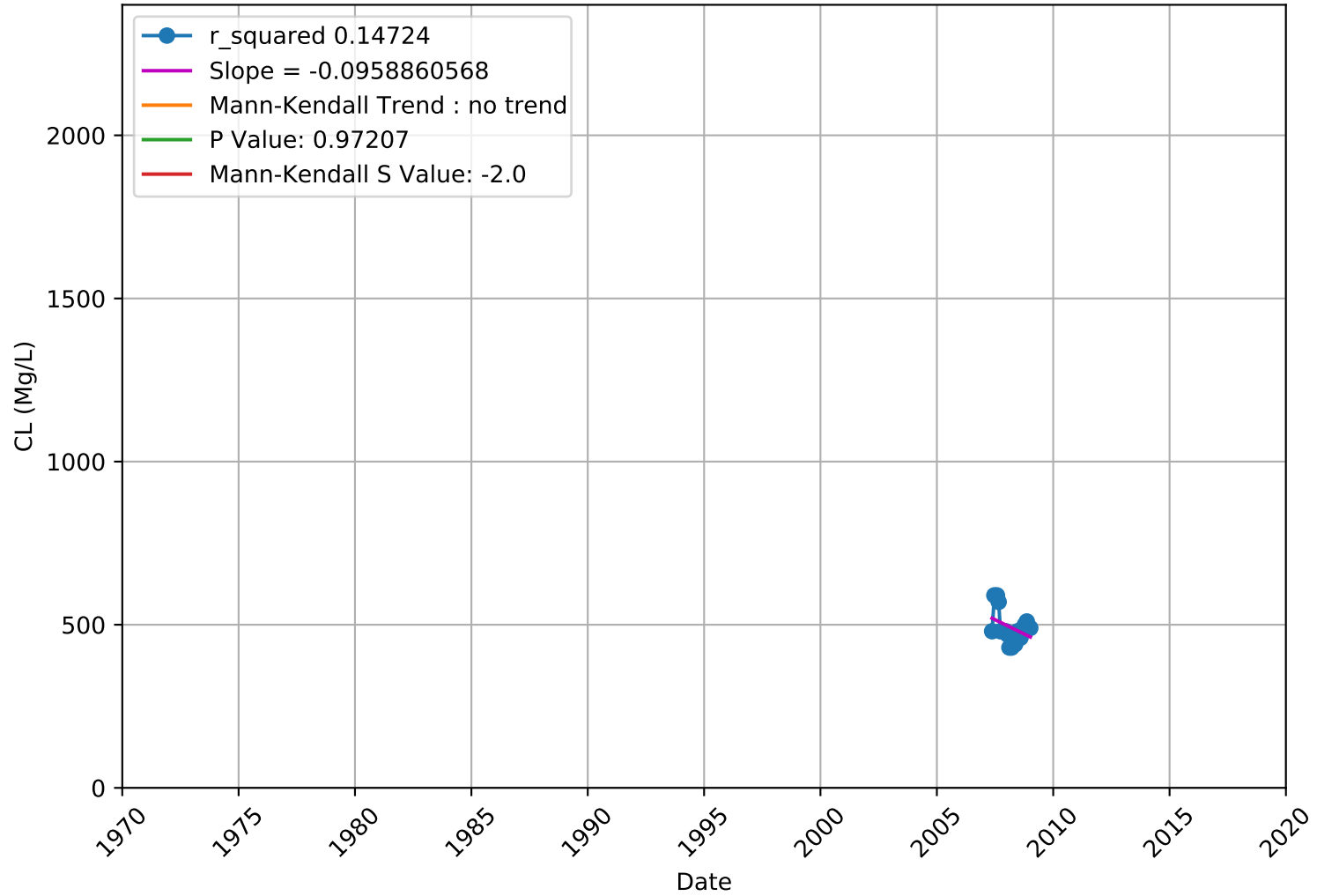
CL 4110013-014 - Unknown Aquifer



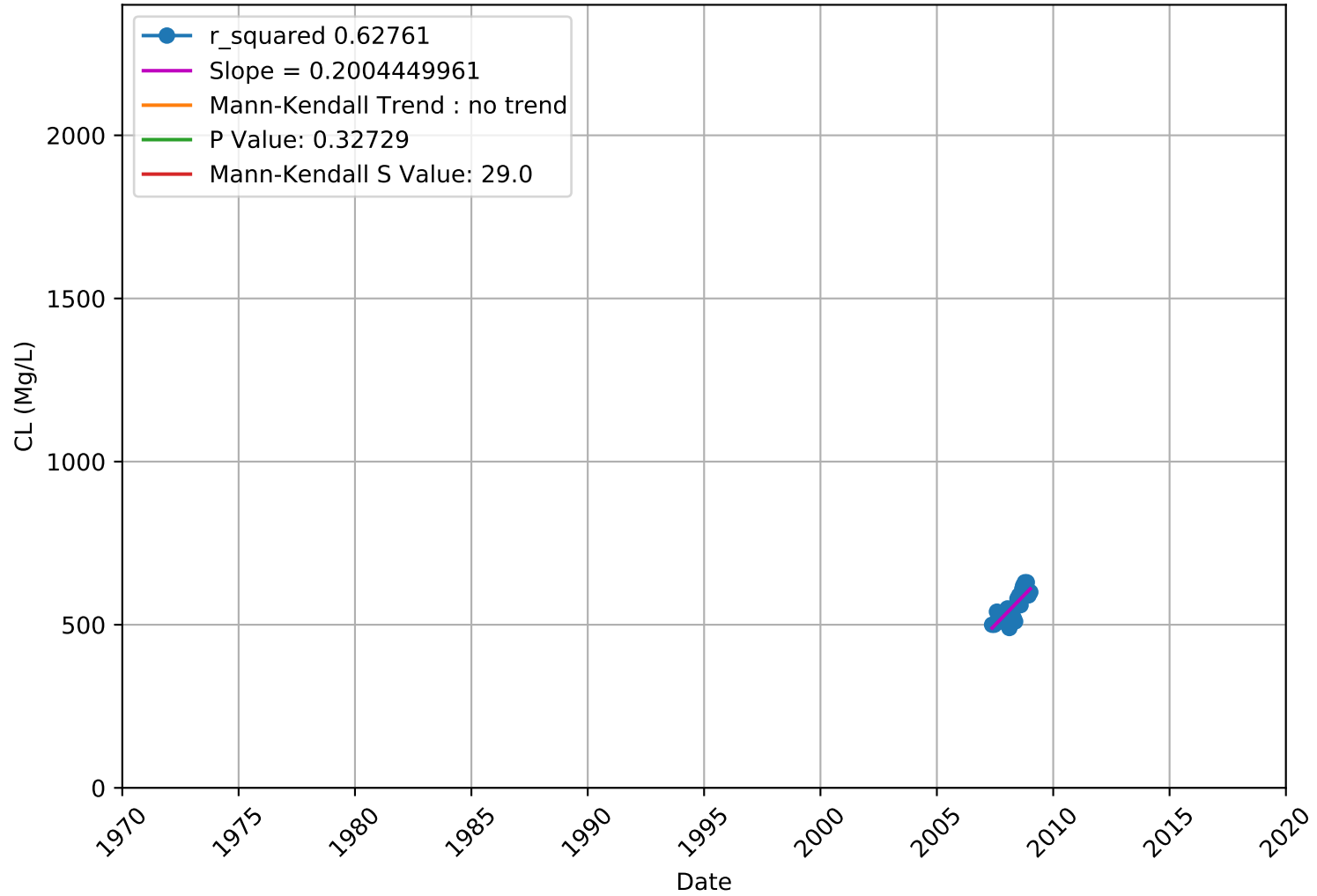
CL 4300611-002 - Unknown Aquifer



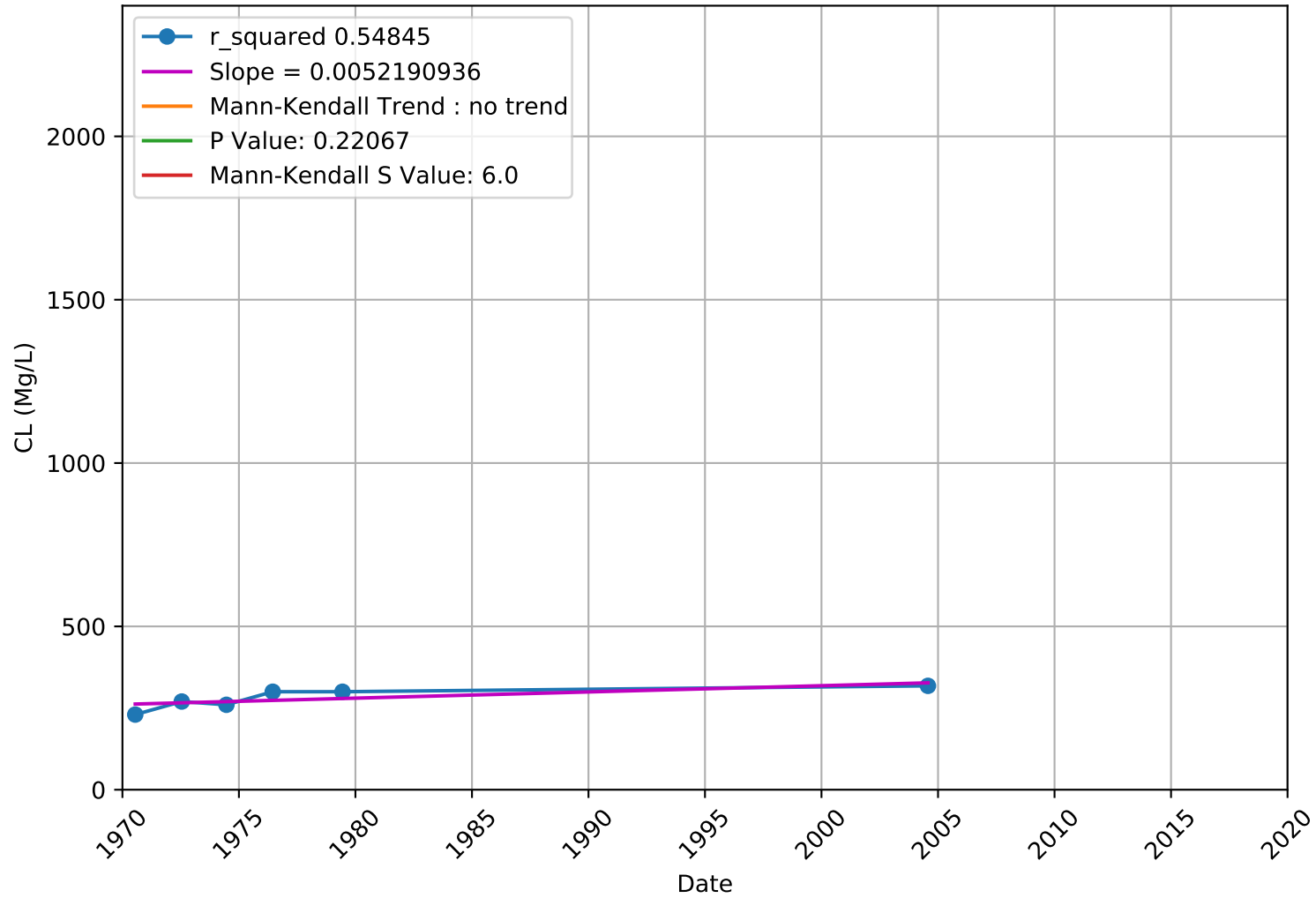
CL
USGS-374046121155401 - Upper Aquifer



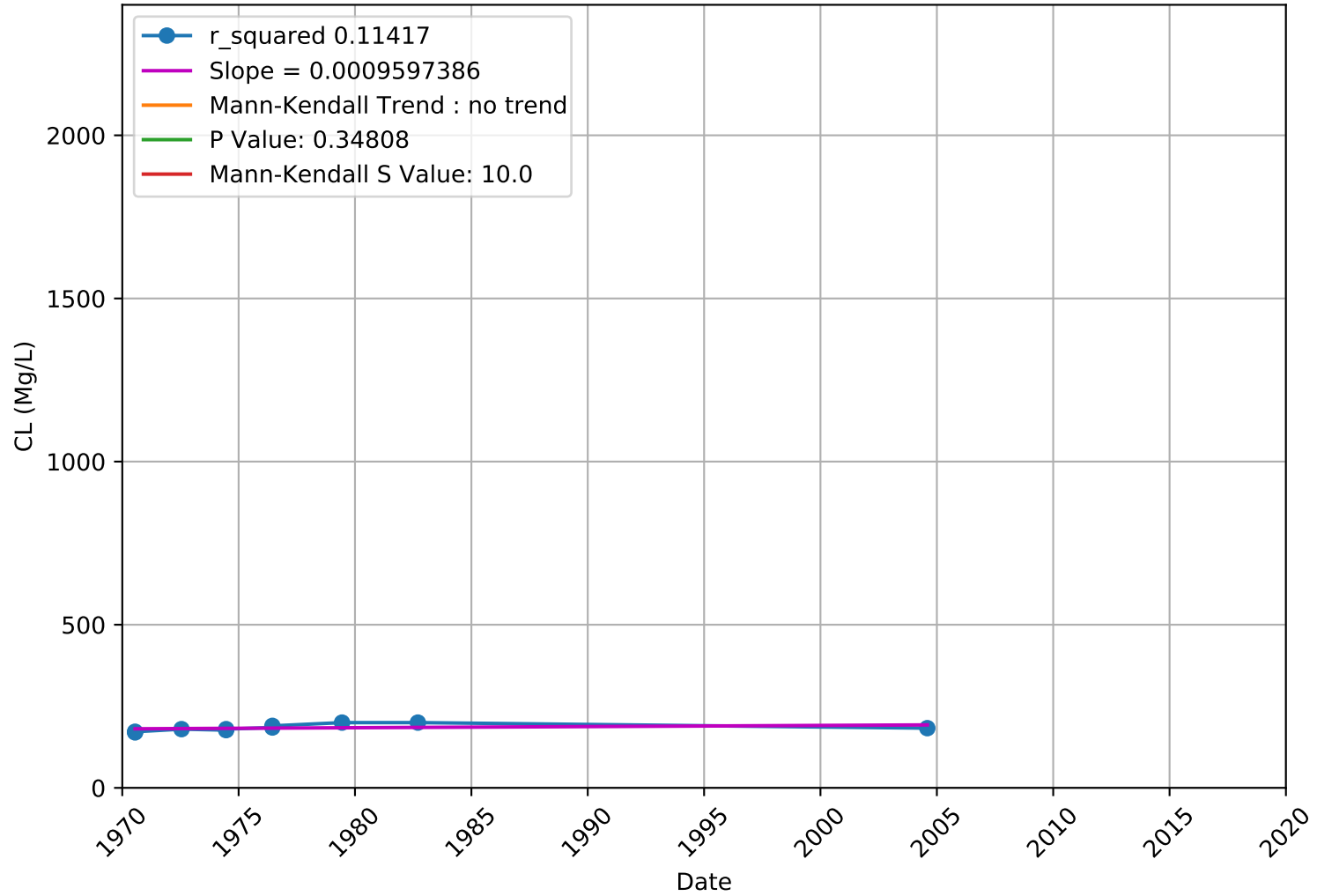
CL
USGS-374046121155402 - Upper Aquifer



CL
USGS-374111121213901 - Unknown Aquifer



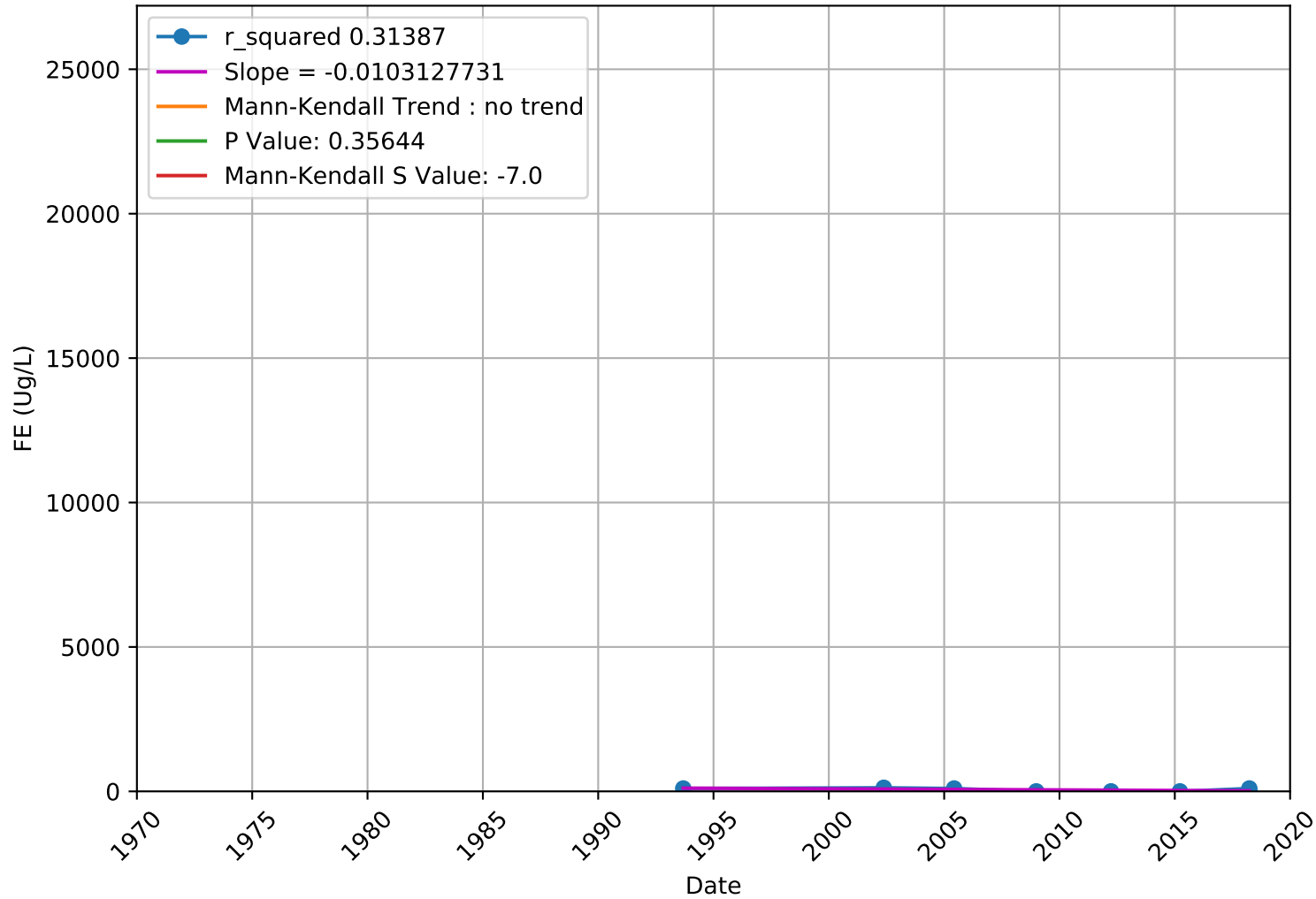
CL
USGS-374223121250601 - Upper Aquifer



Iron

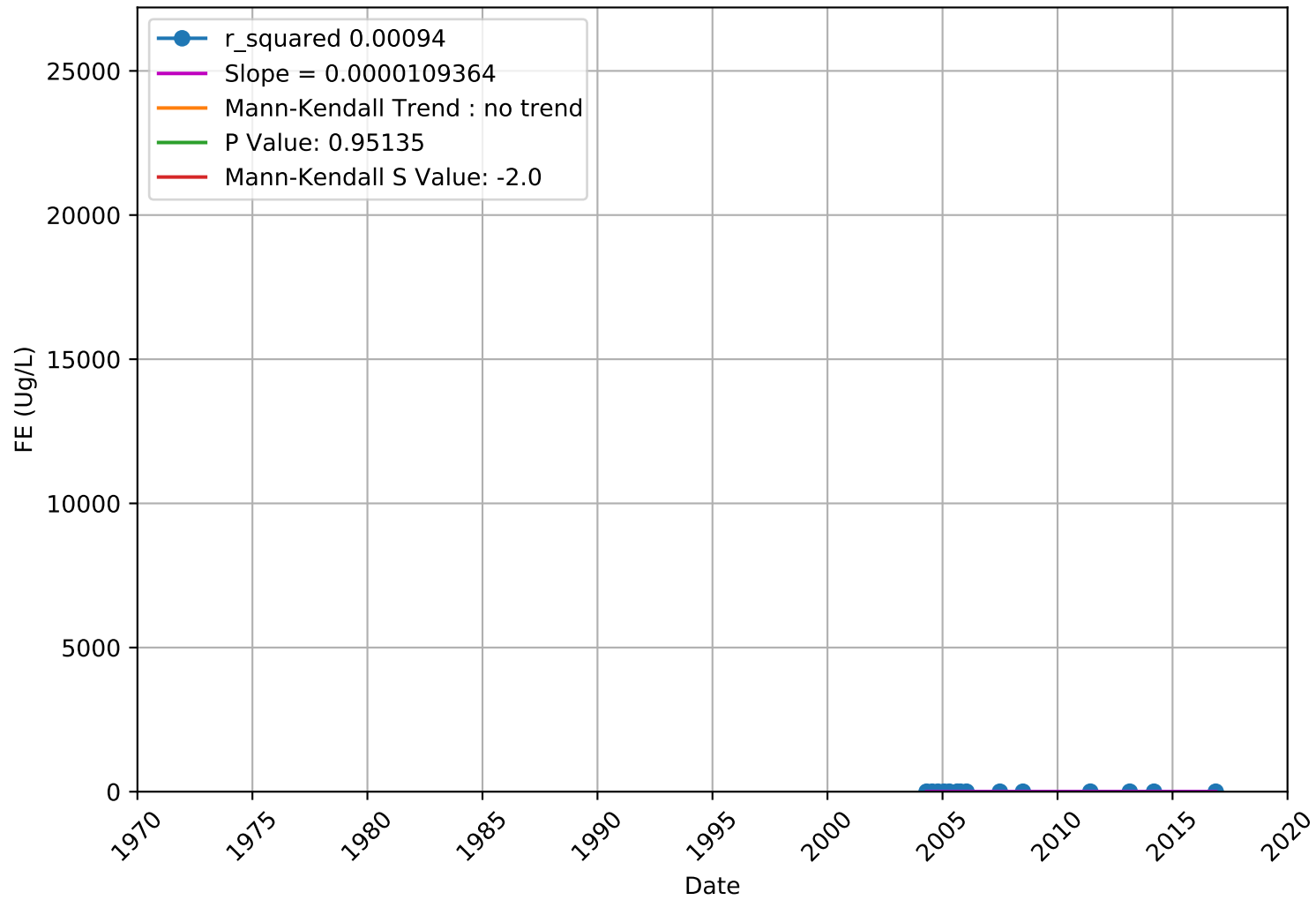
WellName	Latitude_NAD83	Longitude_NAD83	chemical	h	p	s	tau	trend	var_s	z	PRINCIPAL_AQUIFER
3910011-007	37.714471	-121.426009	FE	FALSE	0.348	-10	-0.278	no trend	92	-0.938	Unknown
3910011-010	37.736372	-121.435351	FE	FALSE	0.247	29	0.213	no trend	585.667	1.157	Unknown
3910702-003	37.705557	-121.39764	FE	TRUE	0.032	533	0.16	increasing	61902.33	2.138	Unknown
3910701-003	37.85144	-121.2682	FE	TRUE	0.042	332	0.17	increasing	26391.33	2.037	Unknown
3910701-001	37.849584	-121.268763	FE	FALSE	0.123	172	0.146	no trend	12294	1.542	Unknown
3910011-017	37.738215	-121.419962	FE	FALSE	0.613	-3	-0.3	no trend	15.667	-0.505	Unknown
3910018-001	37.679751	-121.272617	FE	FALSE	0.31	14	0.255	no trend	164	1.015	Unknown
4300611-002	37.994444	-121.499722	FE	FALSE	0.242	-5	-0.333	no trend	11.667	-1.171	Unknown
3901010-001	38.037472	-121.494583	FE	FALSE	1	0	0	no trend	16.667	0	Unknown
3910015-005	37.816859	-121.266705	FE	FALSE	0.096	52	0.206	no trend	939.333	1.664	Upper
3910011-003	37.683959	-121.439427	FE	TRUE	0	270	0.405	increasing	5556	3.609	Lower
3910800-002	37.744188	-121.32701	FE	FALSE	0.93	8	0.011	no trend	6324	0.088	Unknown
3910800-003	37.74545	-121.32897	FE	FALSE	0.213	64	0.169	no trend	2562	1.245	Unknown
3910800-001	37.744746	-121.327221	FE	FALSE	0.26	7	0.467	no trend	28.333	1.127	Unknown
3910800-004	37.74591	-121.336213	FE	FALSE	0.2	107	0.144	no trend	6833.667	1.282	Unknown
3100014-001	37.716956	-121.379533	FE	FALSE	0.356	-7	-0.333	no trend	42.333	-0.922	Unknown
3910701-005	37.851301	-121.2673	FE	TRUE	0	578	0.316	increasing	23130	3.794	Unknown
3910011-004	37.682308	-121.436988	FE	TRUE	0.007	151	0.347	increasing	3069	2.708	Lower
3910011-006	37.686539	-121.443515	FE	TRUE	0	183	0.521	increasing	2200.333	3.88	Lower
3910011-005	37.683353	-121.443313	FE	TRUE	0	231	0.438	increasing	3544.333	3.863	Lower
3910015-006	37.818884	-121.266416	FE	TRUE	0.03	75	0.325	increasing	1165.667	2.167	Upper
3910015-007	37.811547	-121.263915	FE	FALSE	0.218	44	0.174	no trend	1220	1.231	Upper
3910015-008	37.801132	-121.262514	FE	FALSE	0.387	20	0.117	no trend	483.333	0.864	Upper
3910011-018	37.743262	-121.424805	FE	TRUE	0.009	105	0.35	increasing	1576.333	2.619	Lower
3910018-004	37.679705	-121.272761	FE	FALSE	0.188	-9	-0.429	no trend	37	-1.315	Unknown
3910701-007	37.851431	-121.265247	FE	FALSE	0.354	49	0.121	no trend	2677	0.928	Unknown
3910702-006	37.709972	-121.390802	FE	FALSE	0.952	14	0.005	no trend	45916	0.061	Unknown
3910702-005	37.708149	-121.393881	FE	FALSE	0.14	-310	-0.118	no trend	43821.33	-1.476	Unknown
4110013-014	37.7	-121.466667	FE	FALSE	0.308	9	0.321	no trend	61.667	1.019	Unknown
3900991-001	37.743544	-121.461428	FE	FALSE	0.794	-2	-0.2	no trend	14.667	-0.261	Unknown
3910011-030	37.740208	-121.439285	FE	TRUE	0.019	99	0.305	increasing	1753.667	2.34	Lower
3901348-002	37.702894	-121.406986	FE	FALSE	0.462	-4	-0.4	no trend	16.667	-0.735	Unknown
3900589-001	37.783862	-121.305584	FE	FALSE	0.592	-7	-0.156	no trend	125	-0.537	Unknown
3900713-001	37.84	-121.44	FE	FALSE	0.35	13	0.236	no trend	165	0.934	Unknown
3901172-002	37.636324	-121.399544	FE	FALSE	0.462	-4	-0.4	no trend	16.667	-0.735	Unknown
3901172-003	37.632289	-121.39736	FE	FALSE	0.527	-33	-0.087	no trend	2561	-0.632	Unknown
3900702-001	37.990639	-121.407056	FE	FALSE	0.086	-8	-0.8	no trend	16.667	-1.715	Unknown
3900583-001	37.84	-121.44	FE	FALSE	0.721	-5	-0.111	no trend	125	-0.358	Unknown
3901348-001	37.708679	-121.412023	FE	FALSE	0.23	9	0.429	no trend	44.333	1.202	Unknown
3901216-002	37.74753	-121.516649	FE	FALSE	0.248	-69	-0.148	no trend	3461.667	-1.156	Unknown
3900559-001	37.79	-121.38	FE	FALSE	0.47	-3	-0.5	no trend	7.667	-0.722	Unknown
3900558-002	37.79	-121.4	FE	FALSE	0.302	-56	-0.138	no trend	2842	-1.032	Unknown
3900616-002	37.988607	-121.404525	FE	FALSE	1	0	0	no trend	16.667	0	Unknown
3910011-034	37.752802	-121.434603	FE	TRUE	0.002	121	0.345	increasing	1439.667	3.163	Lower
3910011-032	37.754682	-121.465249	FE	FALSE	0.152	124	0.144	no trend	7373.333	1.432	Lower
3901348-003	37.698742	-121.409917	FE	FALSE	0.875	-2	-0.095	no trend	40.667	-0.157	Unknown
3901348-004	37.698147	-121.416153	FE	FALSE	0.133	9	0.6	no trend	28.333	1.503	Unknown
3910015-013	37.792108	-121.274608	FE	FALSE	0.089	-6	-1	no trend	8.667	-1.698	Unknown
377427N1213943W002	37.742656	-121.394318	FE	FALSE	1	-1	-0.01	no trend	408.333	0	Lower
377427N1213943W001	37.742656	-121.394318	FE	FALSE	0.373	-19	-0.181	no trend	408.333	-0.891	Lower
377427N1213943W003	37.742656	-121.394318	FE	FALSE	0.075	-37	-0.352	no trend	408.333	-1.782	Lower
377402N1214508W001	37.740187	-121.450762	FE	FALSE	0.198	27	0.257	no trend	408.333	1.287	Lower
377143N1214459W002	37.714305	-121.445905	FE	FALSE	0.322	-21	-0.2	no trend	408.333	-0.99	Lower
377143N1214459W003	37.714305	-121.445905	FE	FALSE	0.138	-31	-0.295	no trend	408.333	-1.485	Lower
377402N1214508W003	37.740187	-121.450762	FE	FALSE	0.113	-33	-0.314	no trend	408.333	-1.584	Lower
377402N1214508W002	37.740187	-121.450762	FE	TRUE	0.029	-45	-0.429	decreasing	408.333	-2.177	Lower
377143N1214459W001	37.714305	-121.445905	FE	FALSE	0.373	-19	-0.181	no trend	408.333	-0.891	Lower
377656N1214199W001	37.765631	-121.41992	FE	FALSE	0.086	-26	-0.394	no trend	212.667	-1.714	Lower
377656N1214199W002	37.765631	-121.41992	FE	FALSE	1	-1	-0.022	no trend	125	0	Lower
377656N1214199W003	37.765631	-121.41992	FE	FALSE	0.127	-26	-0.333	no trend	268.667	-1.525	Lower
377149N1214257W003	37.714872	-121.425674	FE	FALSE	0.373	14	0.212	no trend	212.667	0.891	Lower
377149N1214257W002	37.714872	-121.425674	FE	FALSE	0.304	16	0.242	no trend	212.667	1.029	Lower
377149N1214257W001	37.714872	-121.425674	FE	FALSE	0.951	-2	-0.026	no trend	268.667	-0.061	Lower
377031N1214485W002	37.703055	-121.448544	FE	FALSE	0.1	-28	-0.359	no trend	268.667	-1.647	Lower
377031N1214485W001	37.703055	-121.448544	FE	FALSE	0.951	-2	-0.026	no trend	268.667	-0.061	Lower
377031N1214485W003	37.703055	-121.448544	FE	FALSE	0.428	-14	-0.179	no trend	268.667	-0.793	Lower
3910005-044	37.782808	-121.300937	FE	TRUE	0.019	-24	-0.533	decreasing	96.667	-2.339	Unknown
3910800-006	37.744722	-121.329167	FE	TRUE	0.001	181	0.416	increasing	3141.667	3.211	Unknown

Iron 3100014-001 - Unknown Aquifer



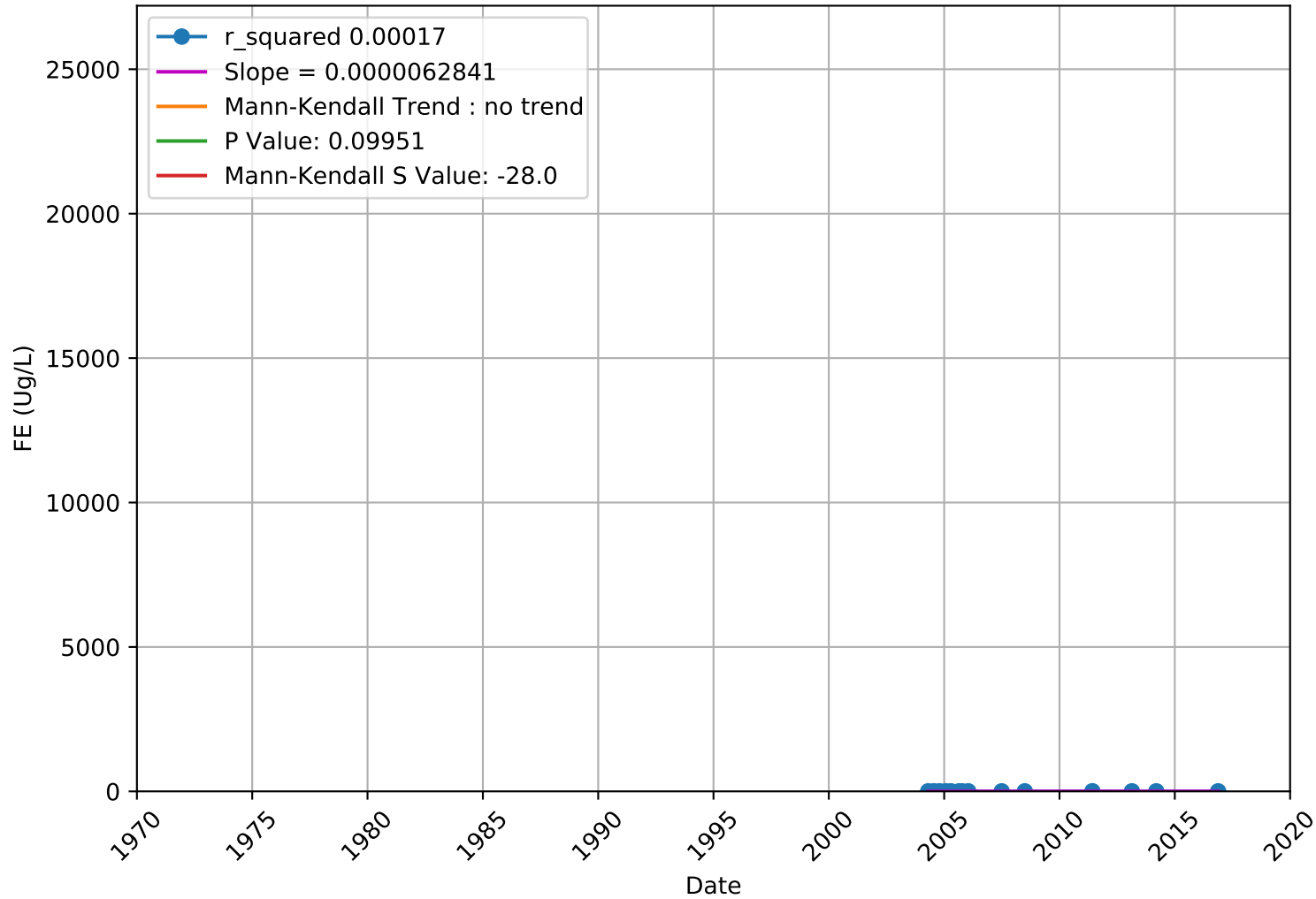
Iron

377031N1214485W001 - Lower Aquifer



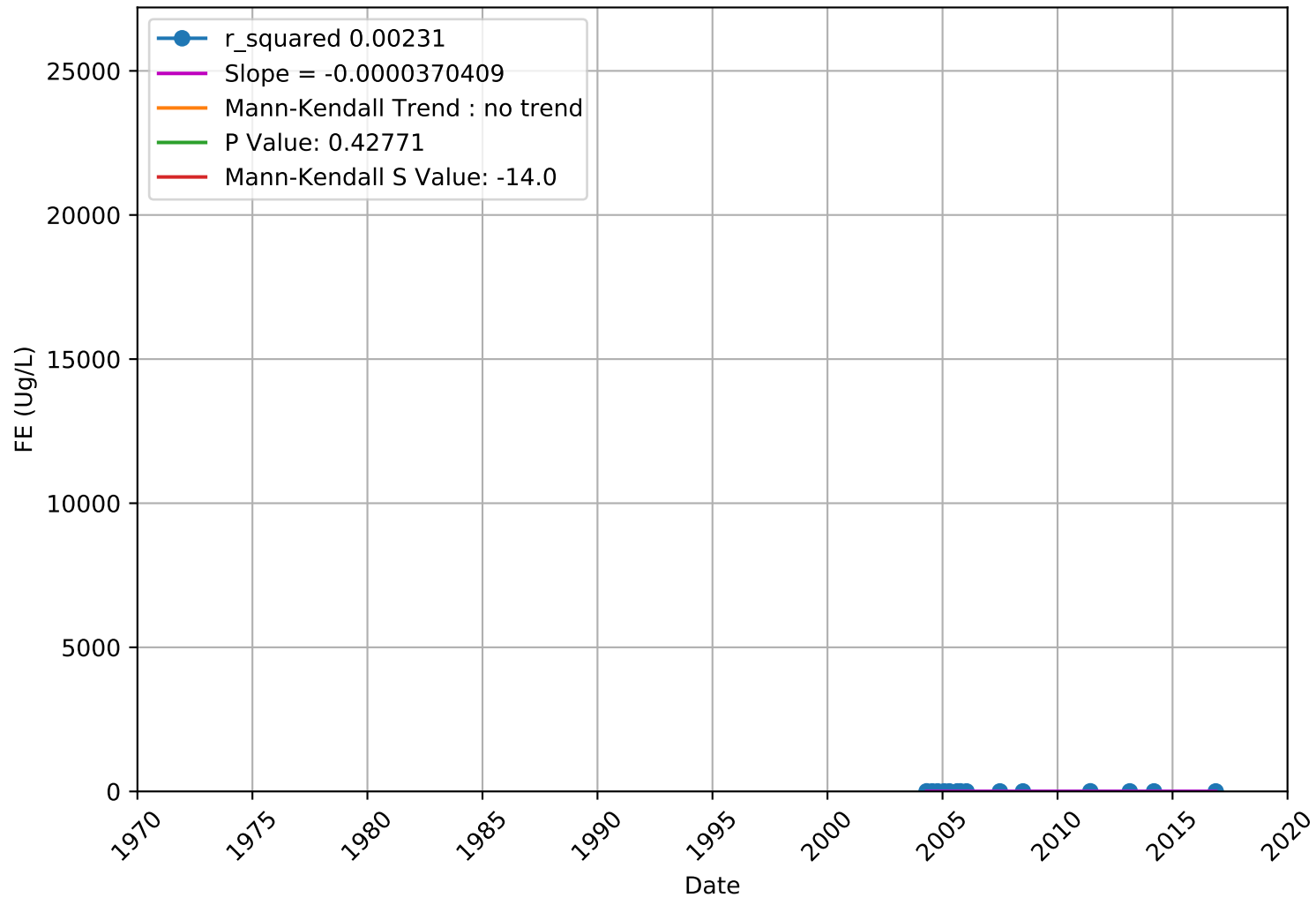
Iron

377031N1214485W002 - Lower Aquifer



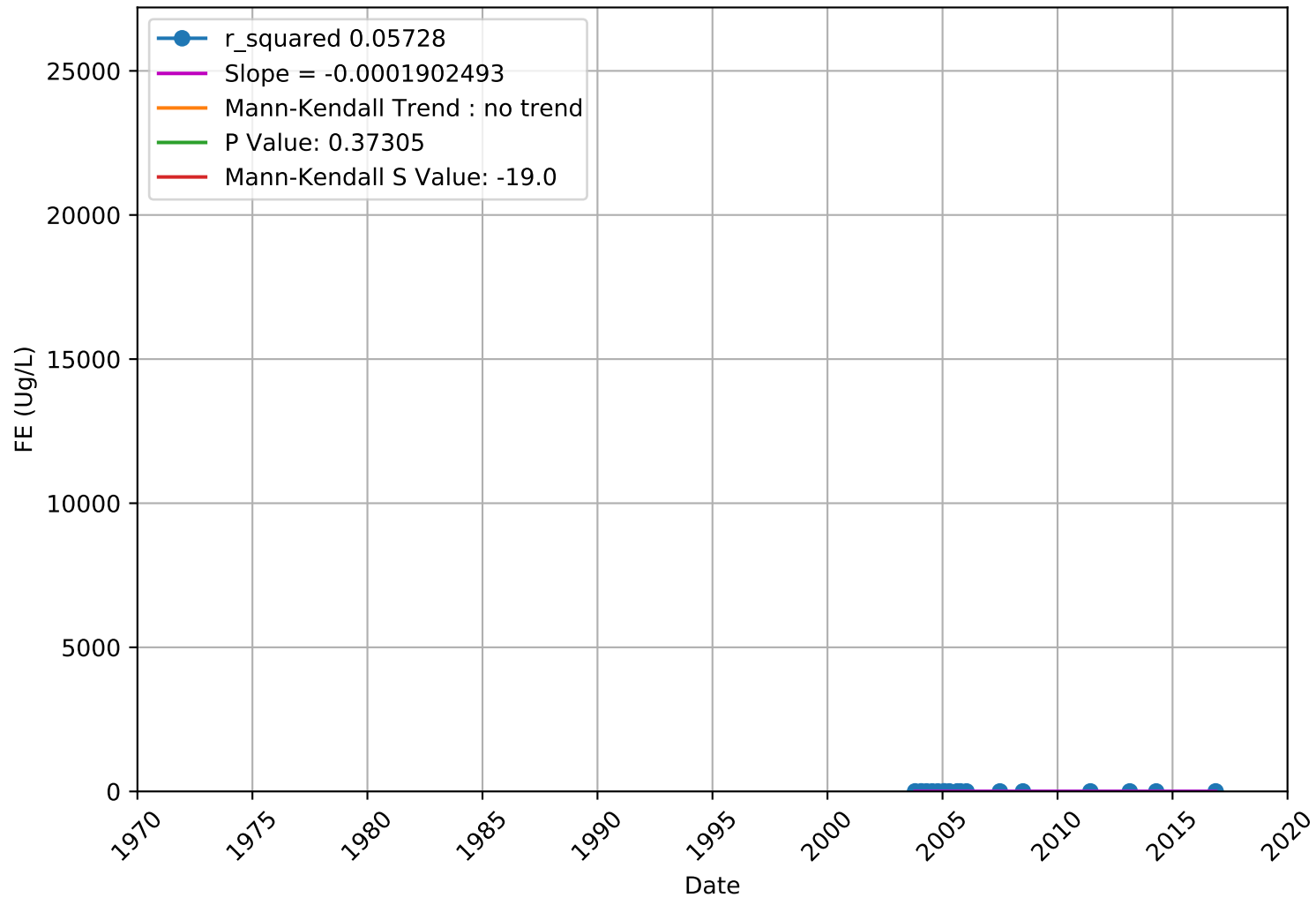
Iron

377031N1214485W003 - Lower Aquifer



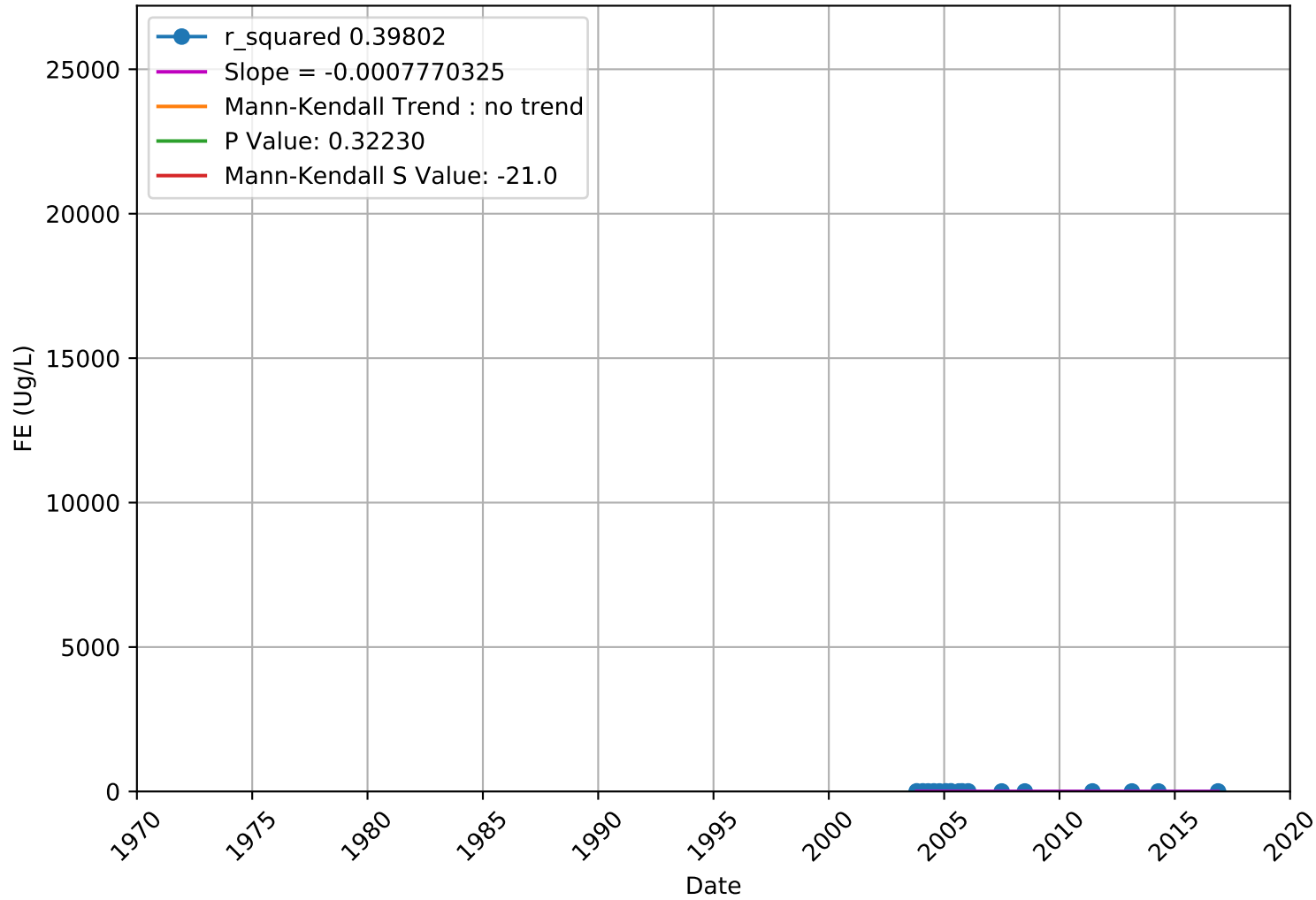
Iron

377143N1214459W001 - Lower Aquifer



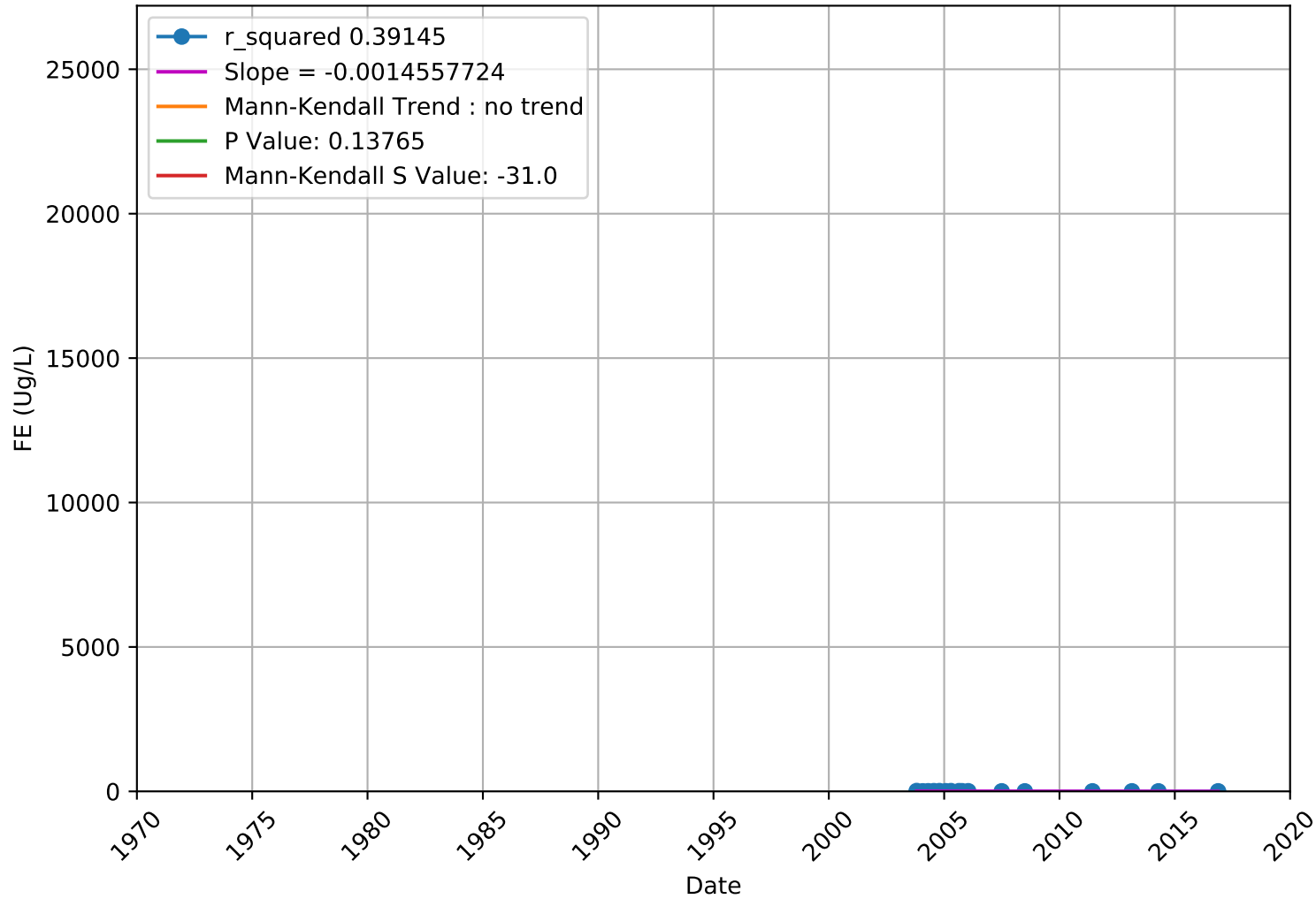
Iron

377143N1214459W002 - Lower Aquifer



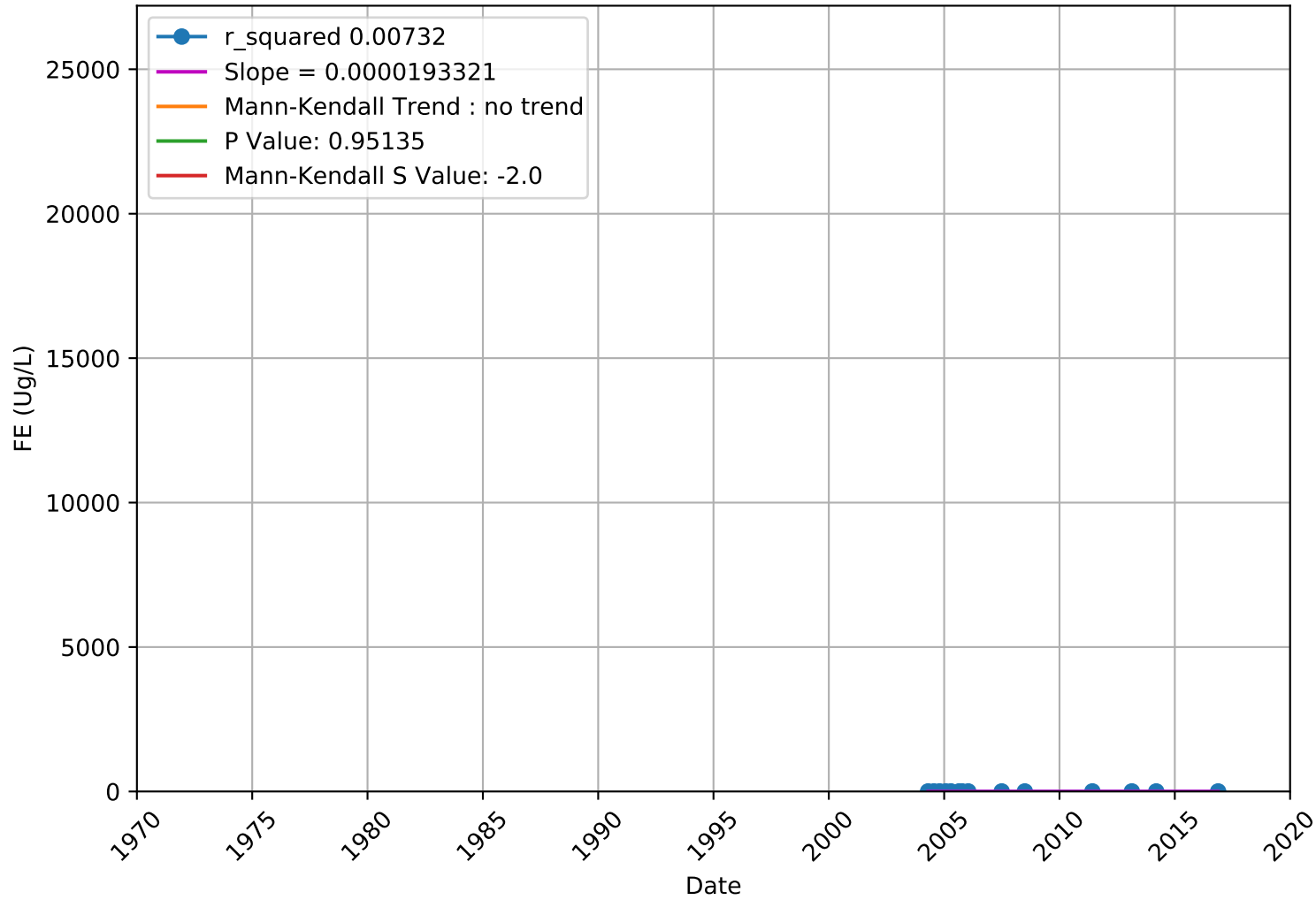
Iron

377143N1214459W003 - Lower Aquifer



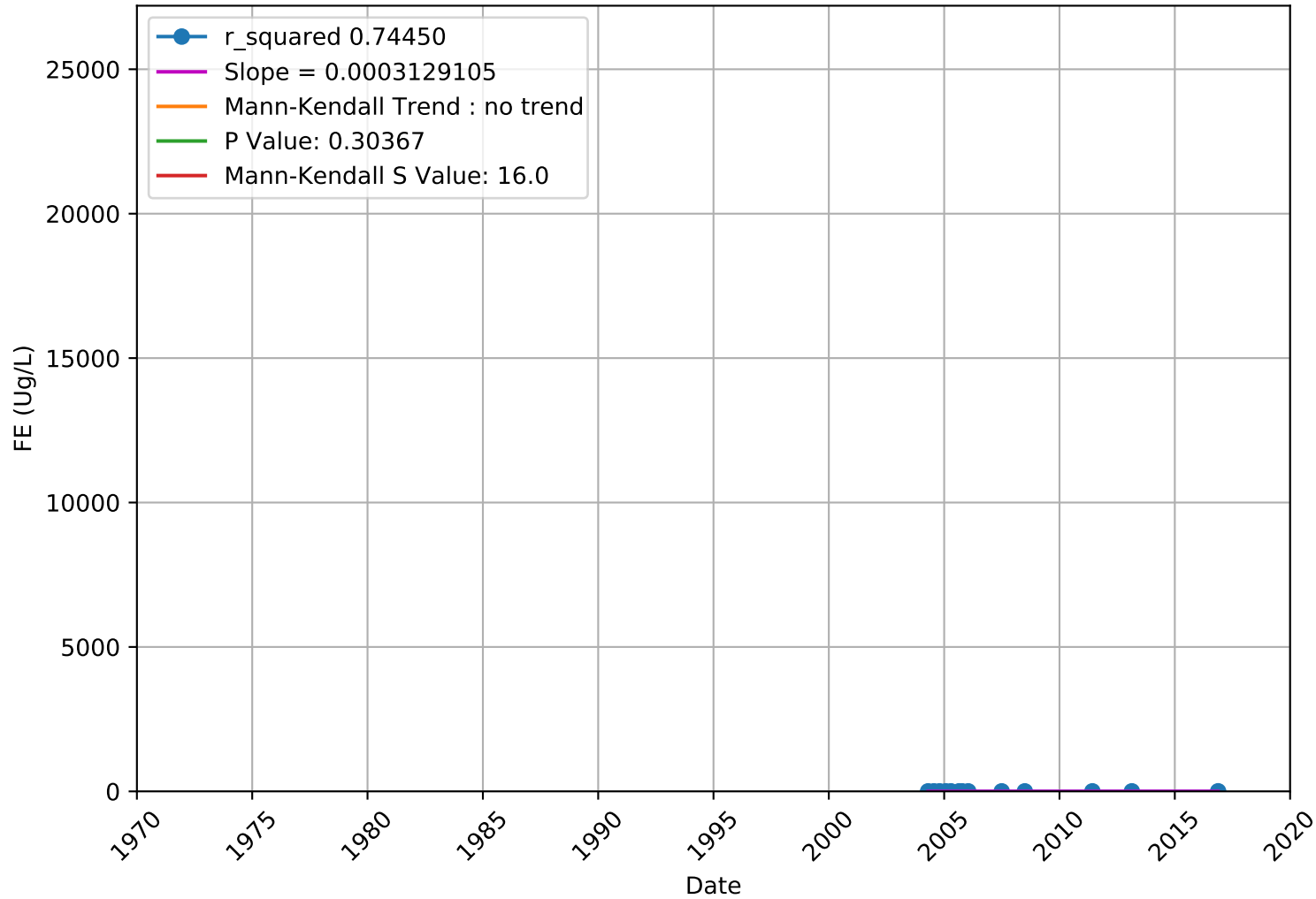
Iron

377149N1214257W001 - Lower Aquifer



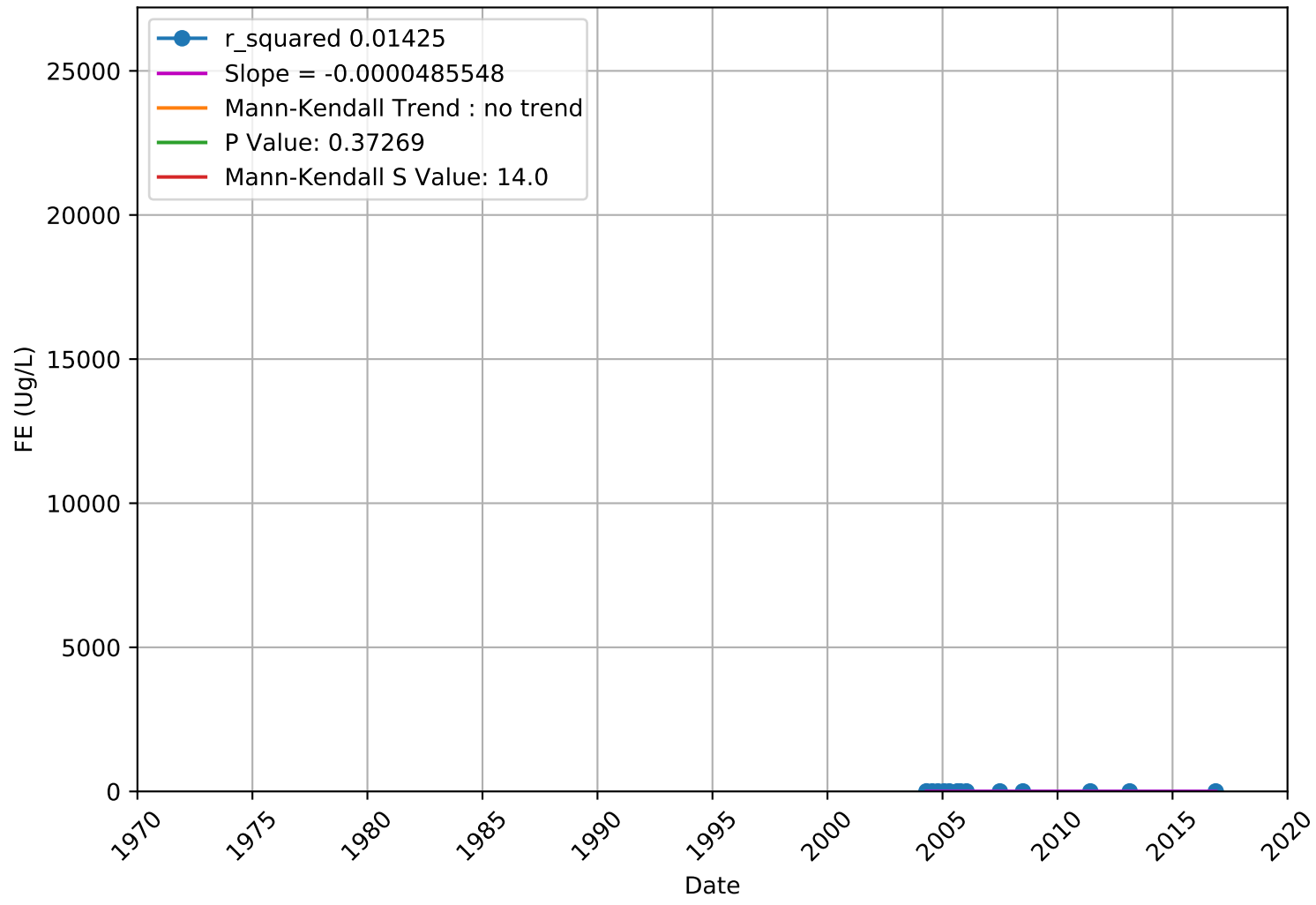
Iron

377149N1214257W002 - Lower Aquifer



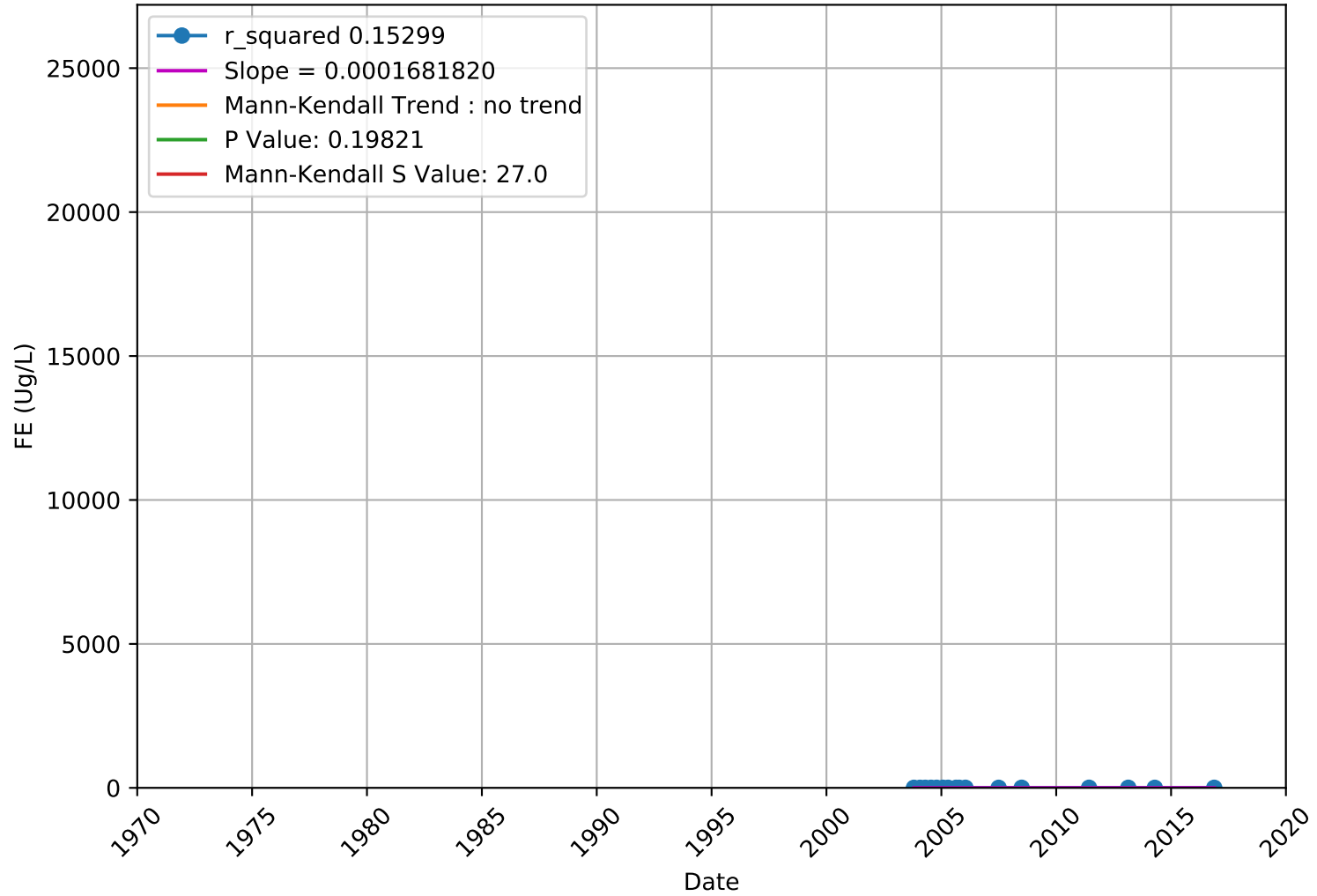
Iron

377149N1214257W003 - Lower Aquifer



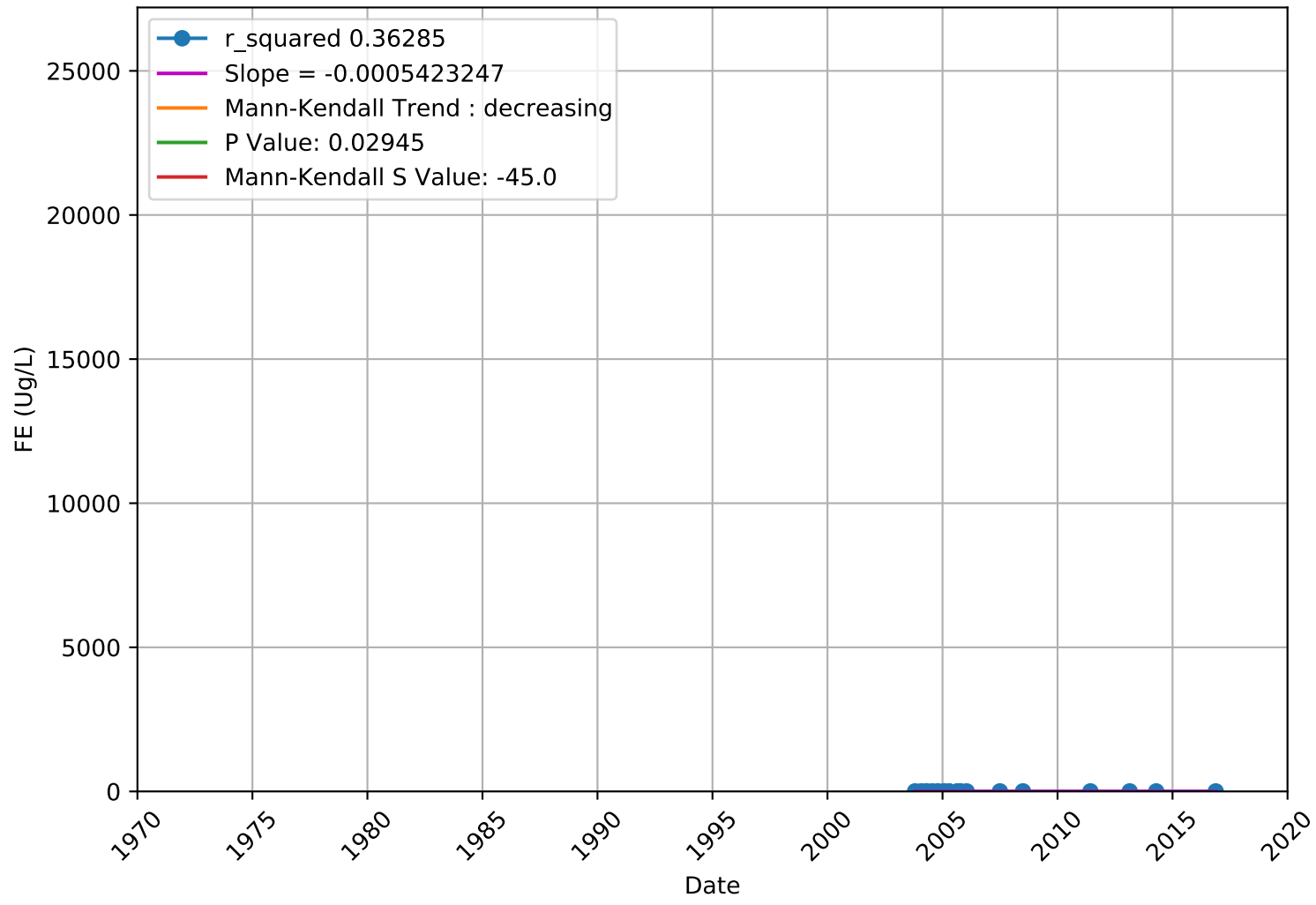
Iron

377402N1214508W001 - Lower Aquifer



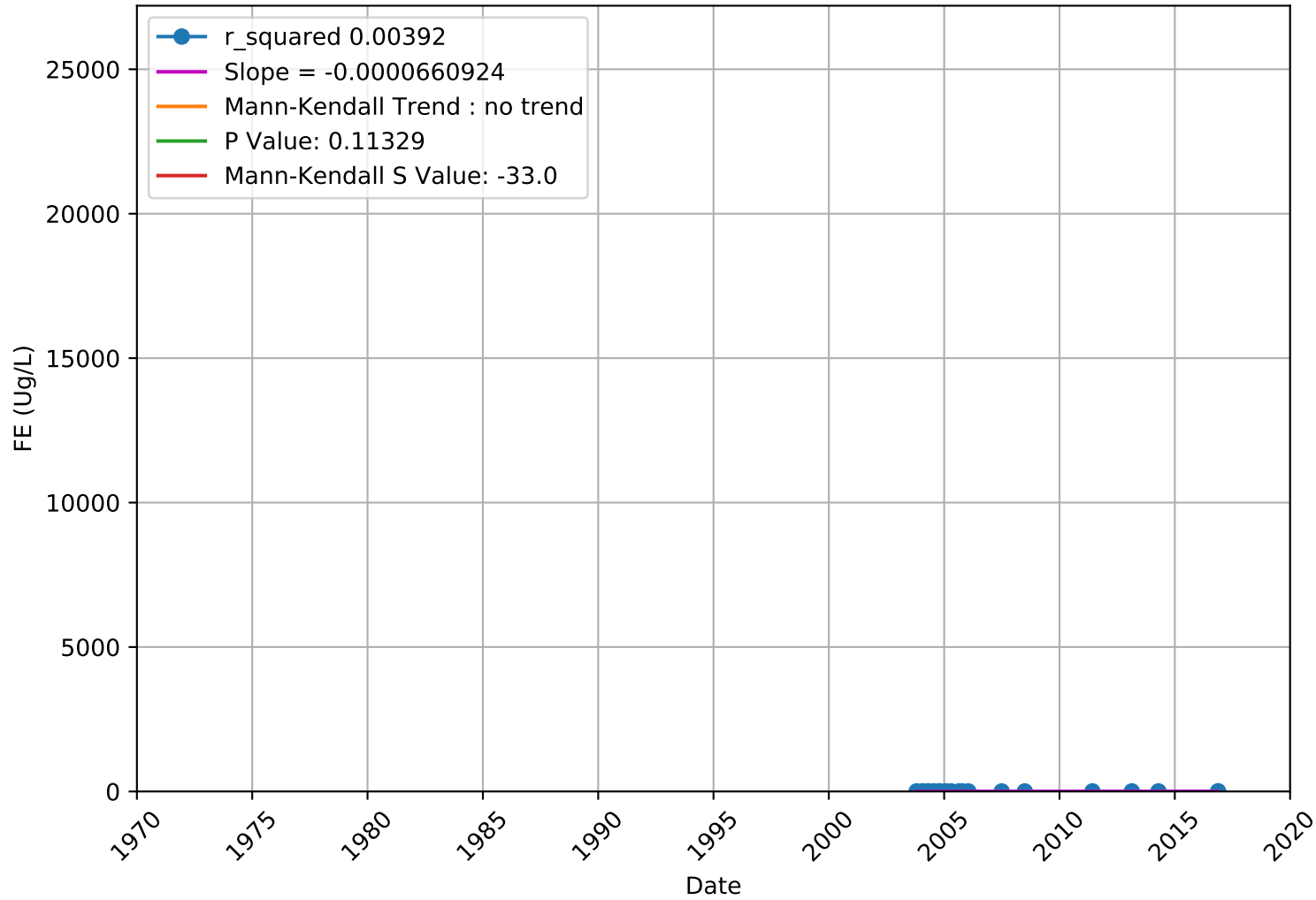
Iron

377402N1214508W002 - Lower Aquifer



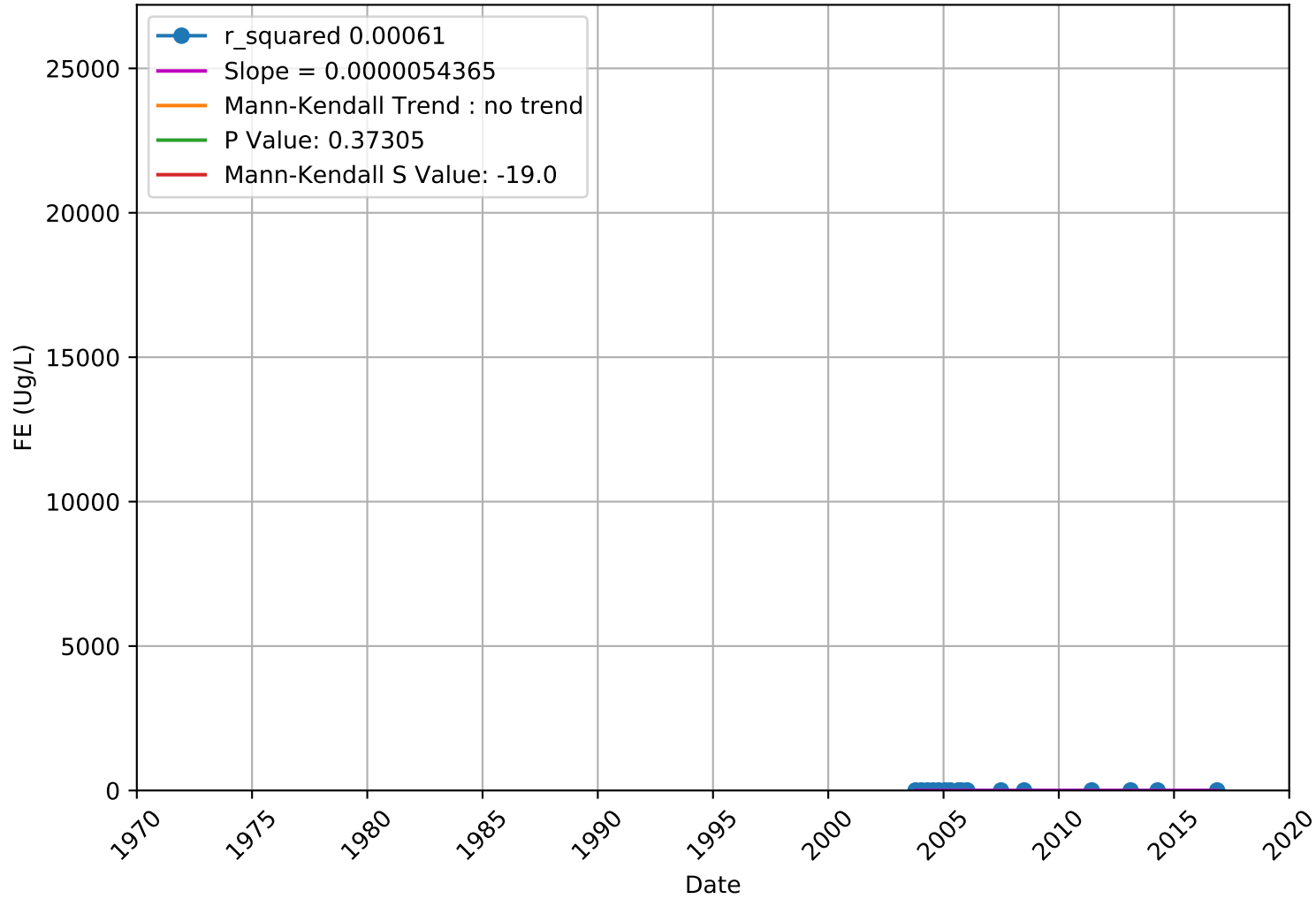
Iron

377402N1214508W003 - Lower Aquifer



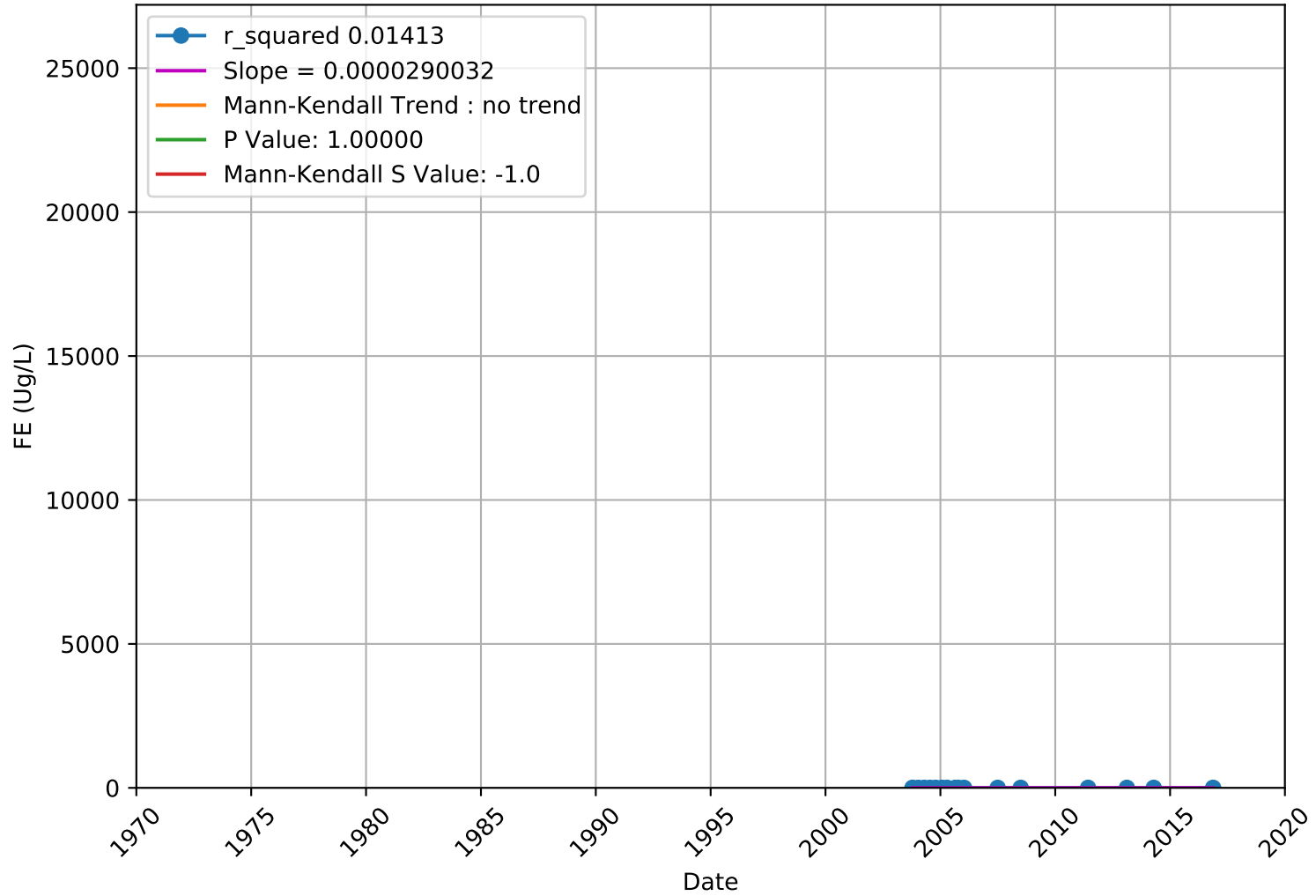
Iron

377427N1213943W001 - Lower Aquifer



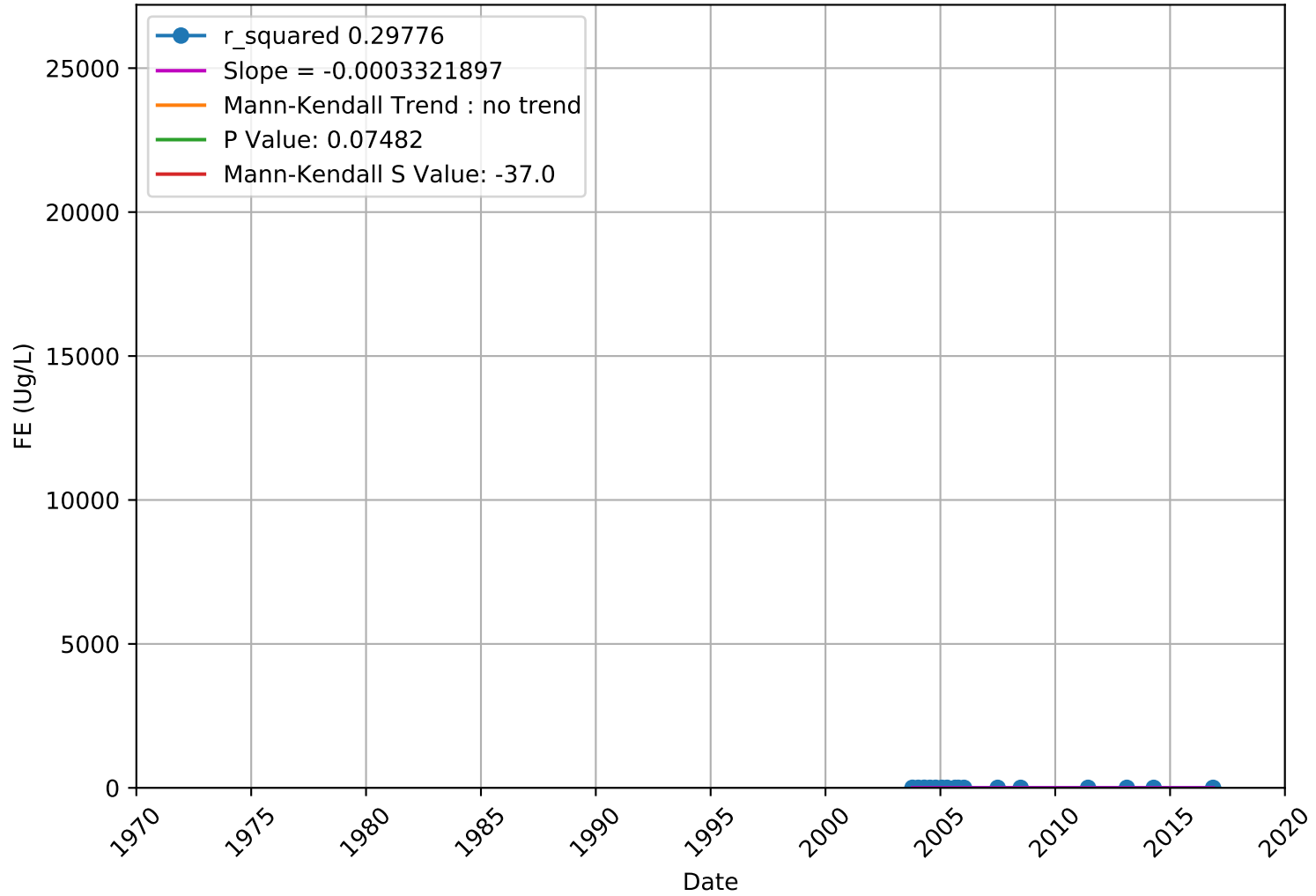
Iron

377427N1213943W002 - Lower Aquifer



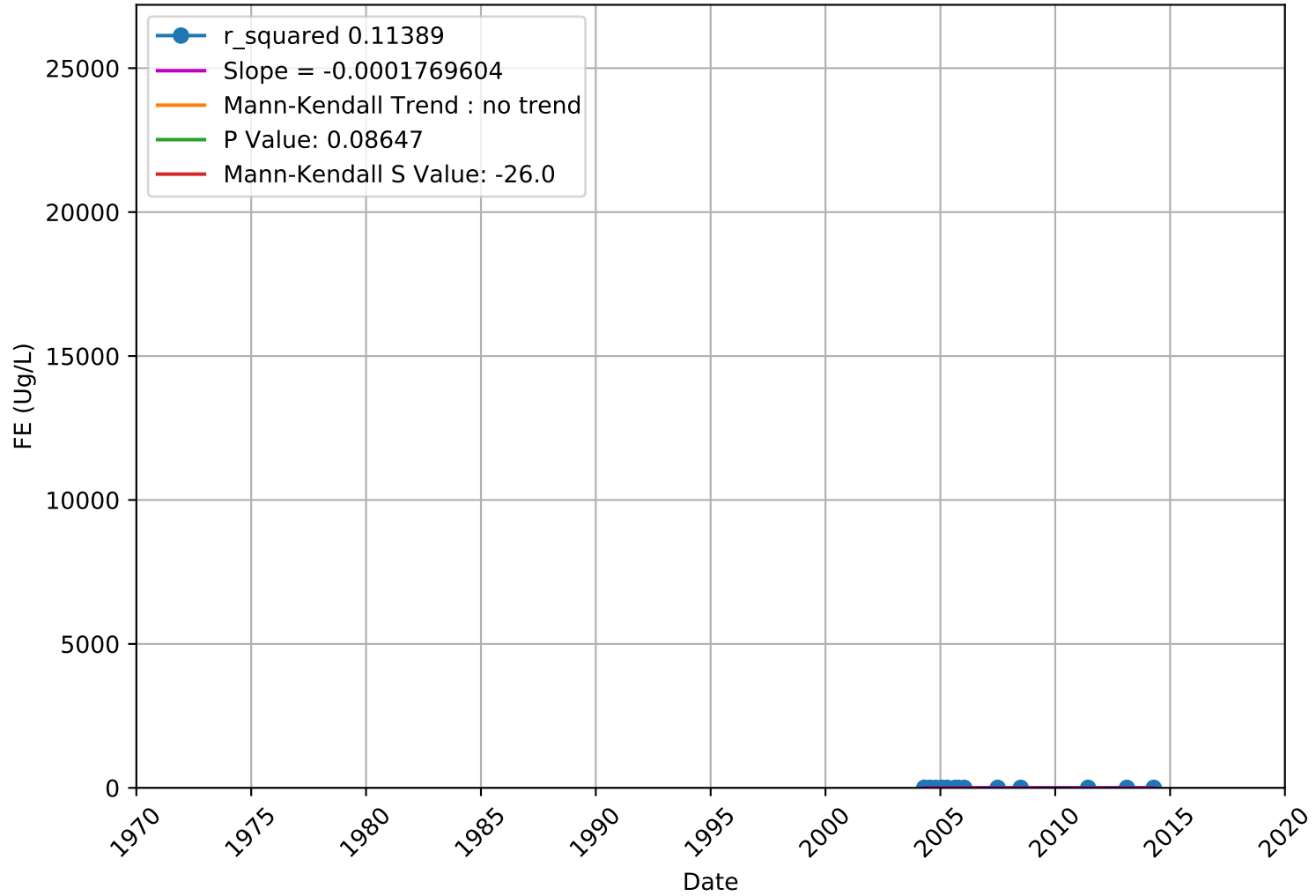
Iron

377427N1213943W003 - Lower Aquifer



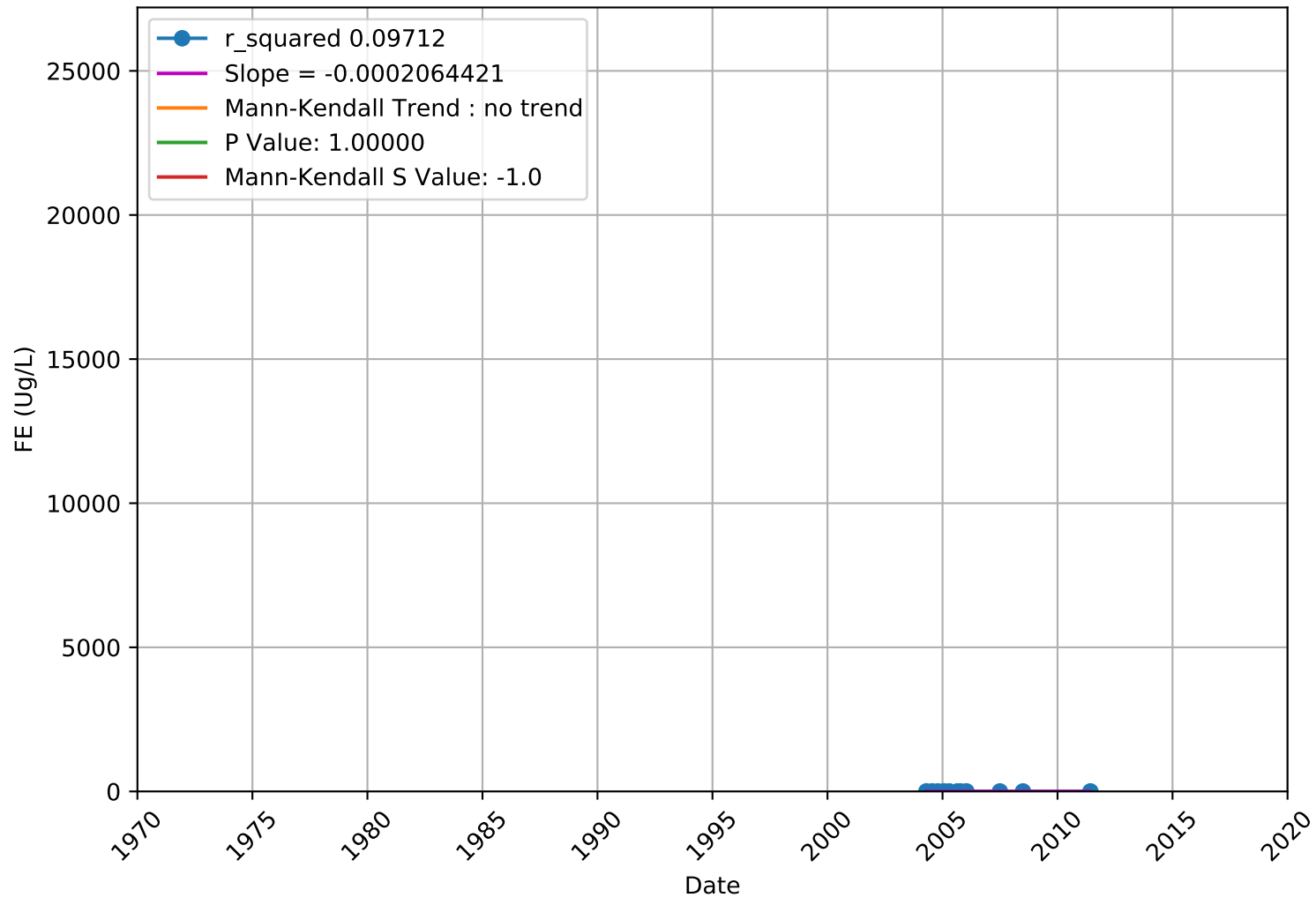
Iron

377656N1214199W001 - Lower Aquifer



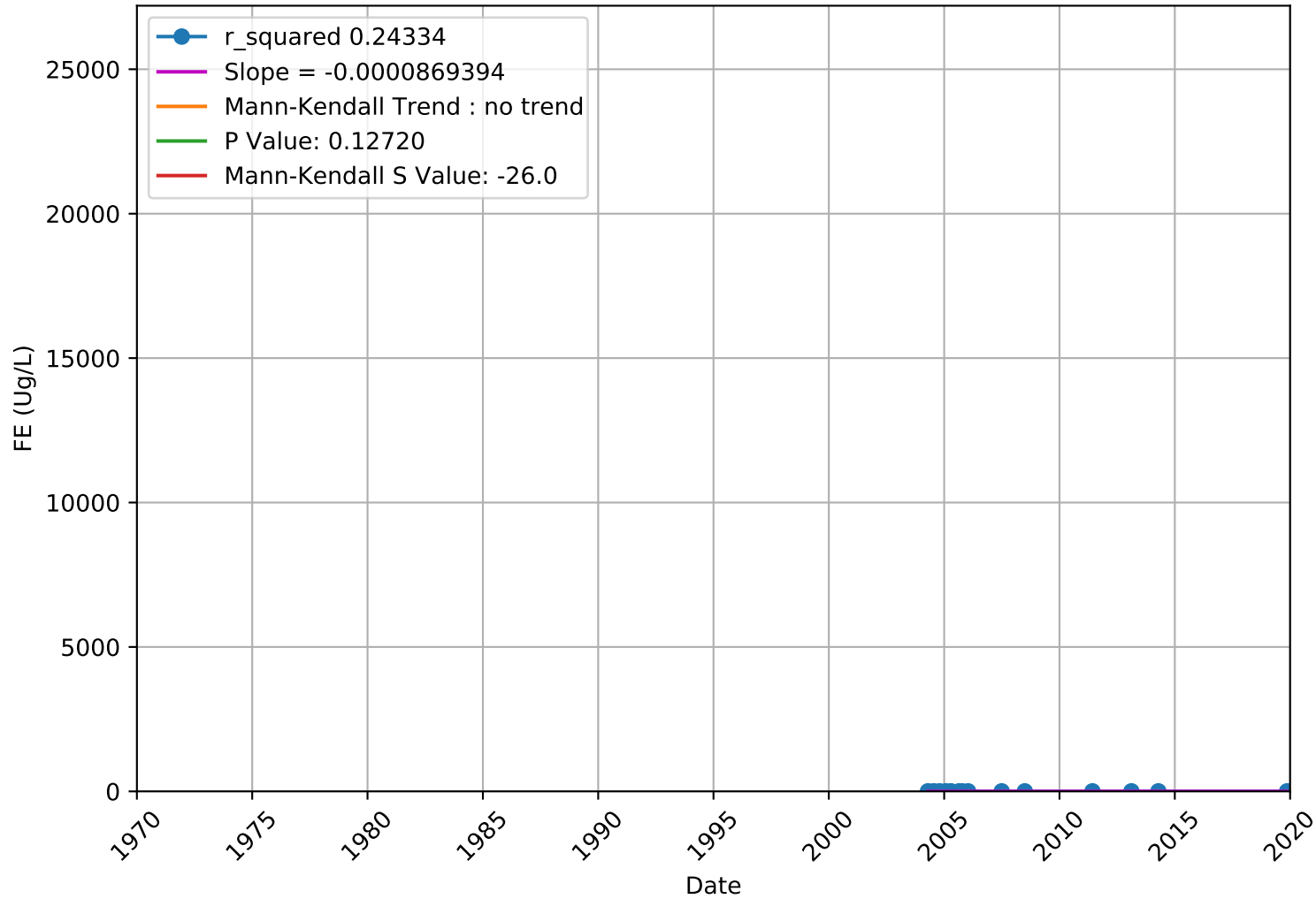
Iron

377656N1214199W002 - Lower Aquifer

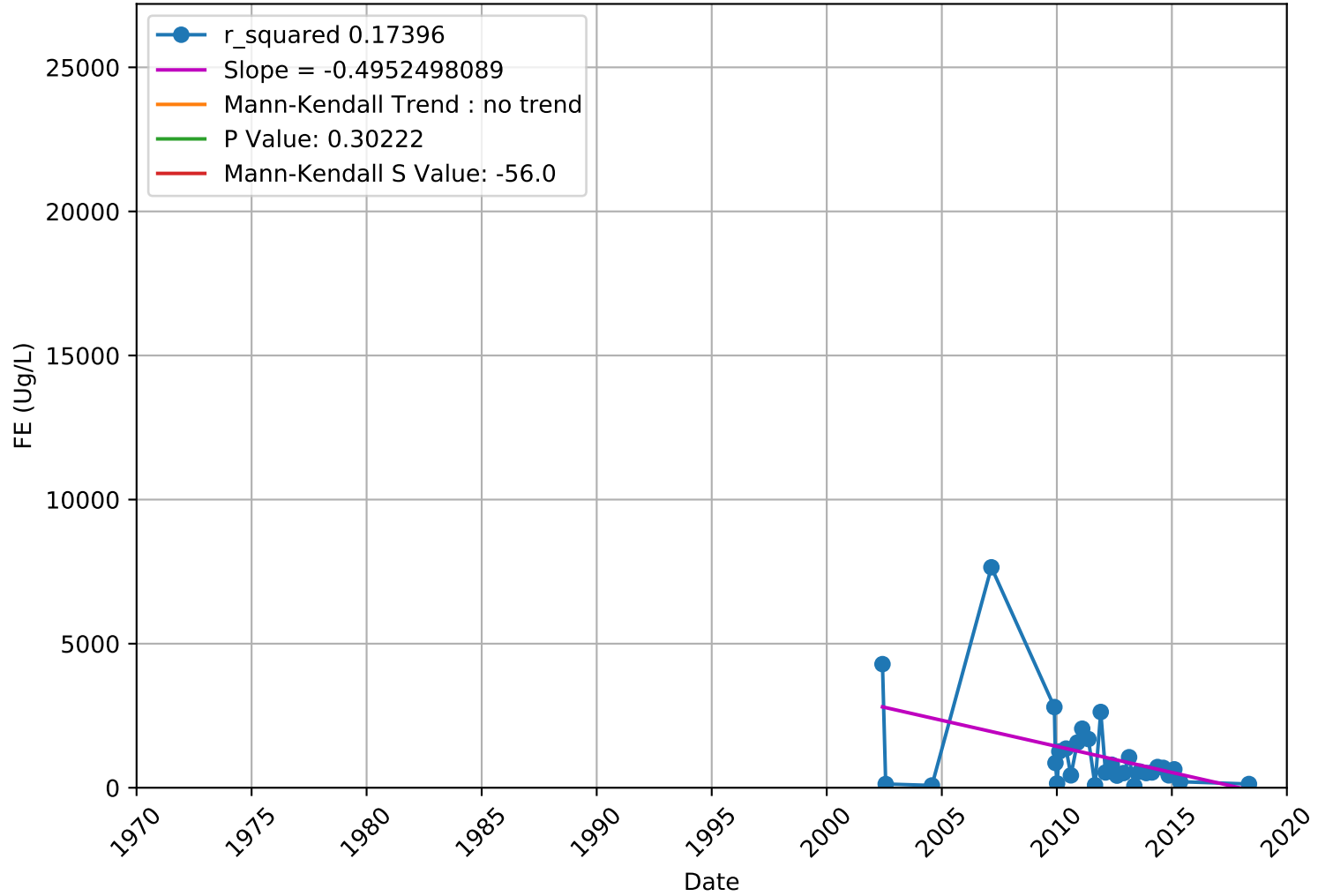


Iron

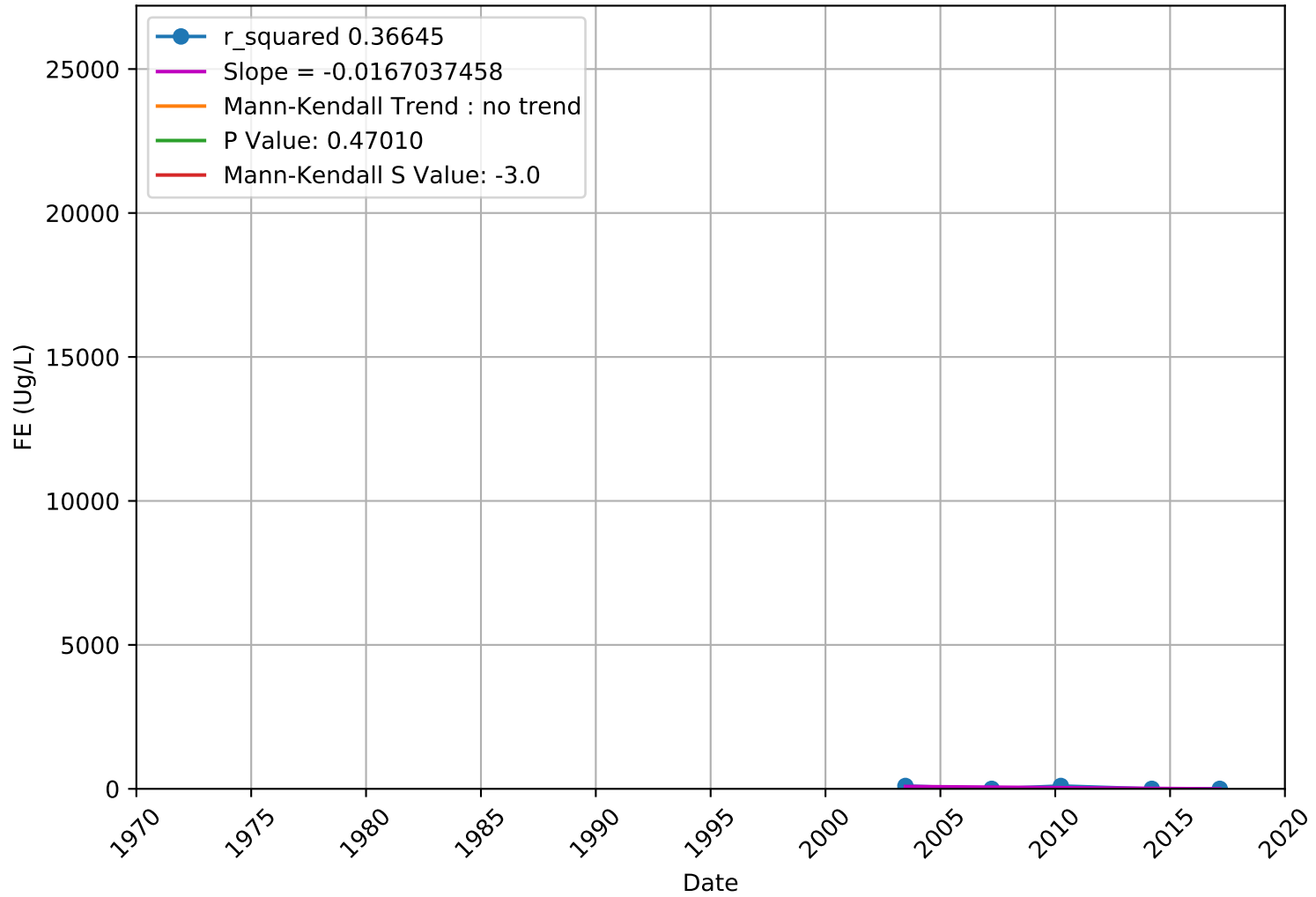
377656N1214199W003 - Lower Aquifer



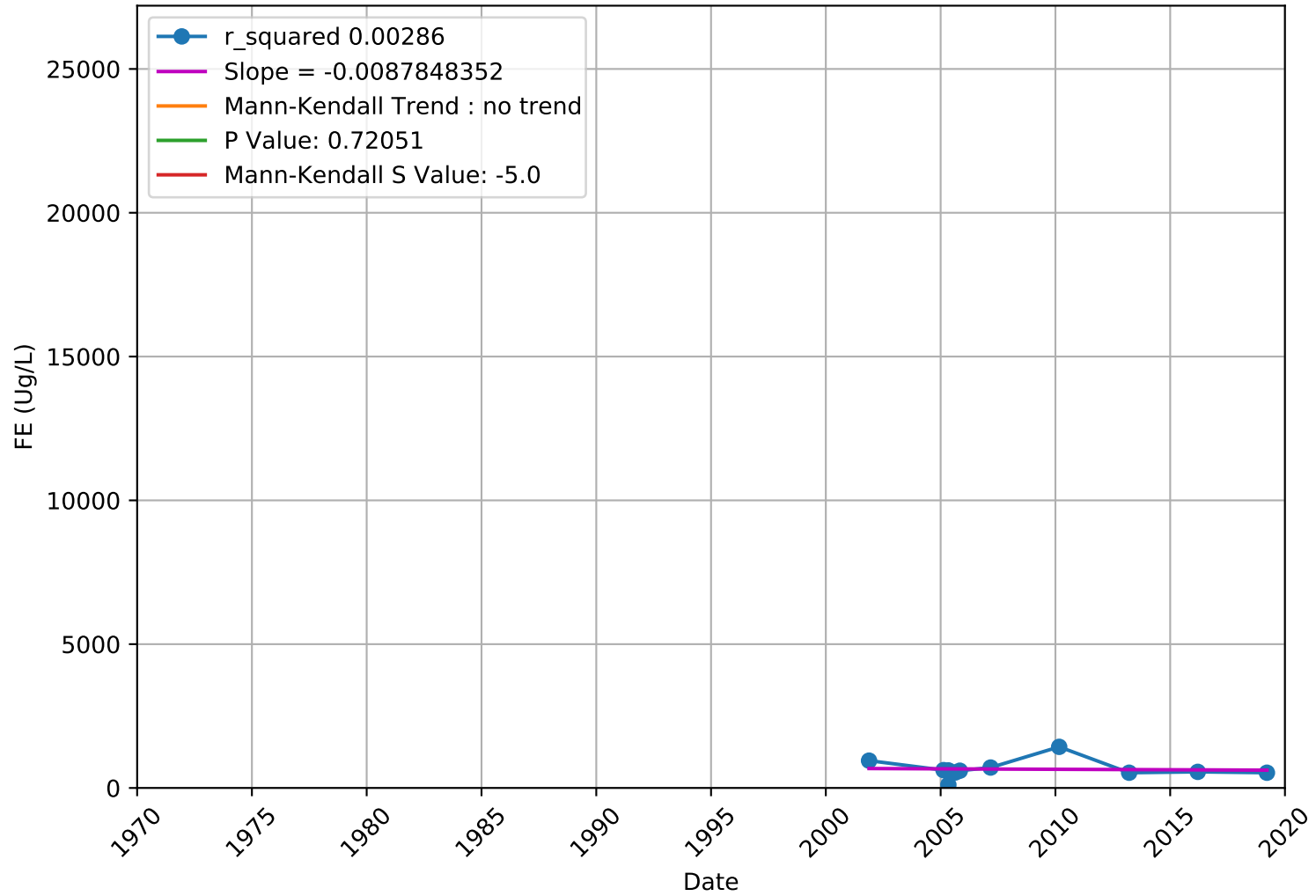
Iron 3900558-002 - Unknown Aquifer



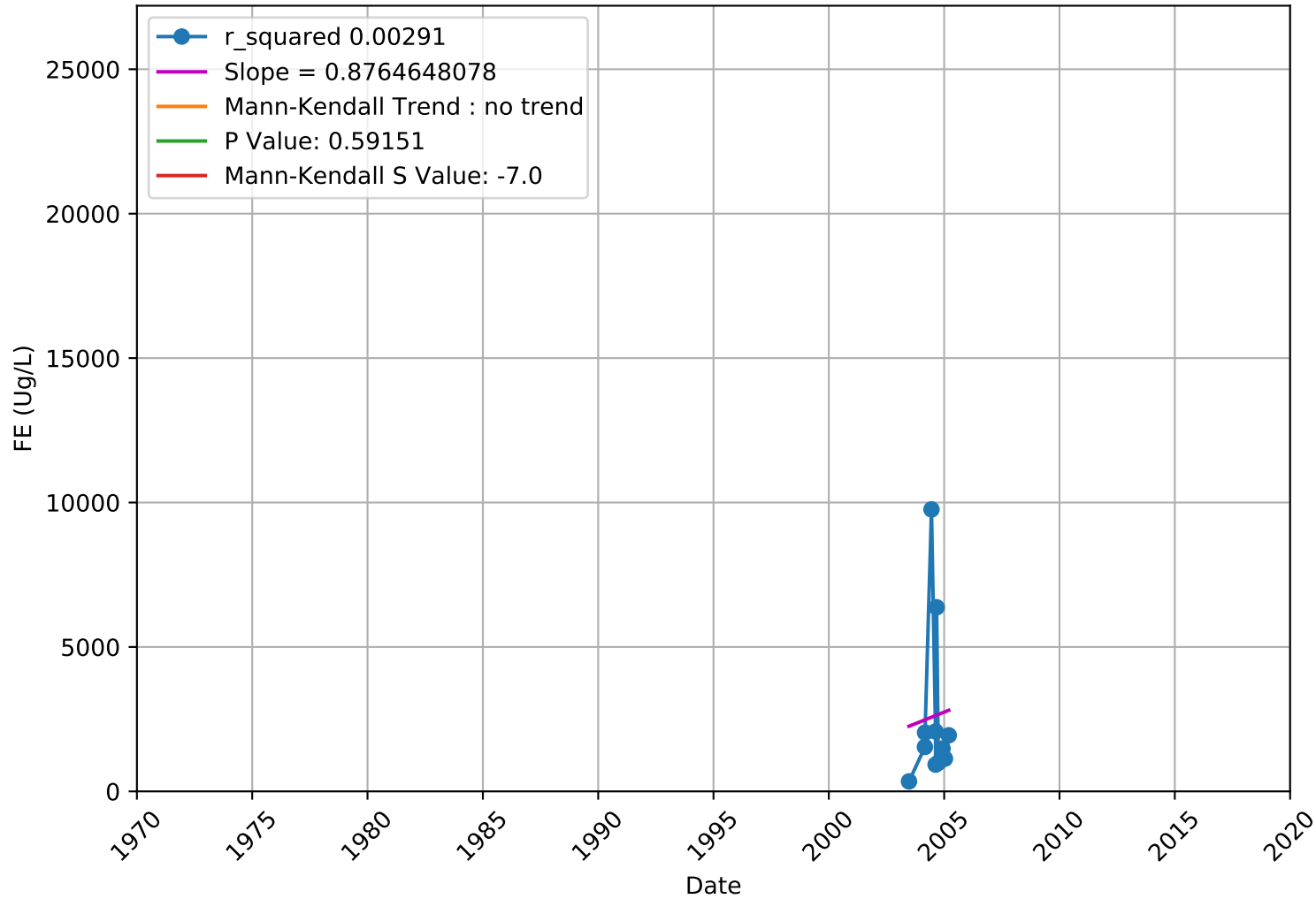
Iron 3900559-001 - Unknown Aquifer



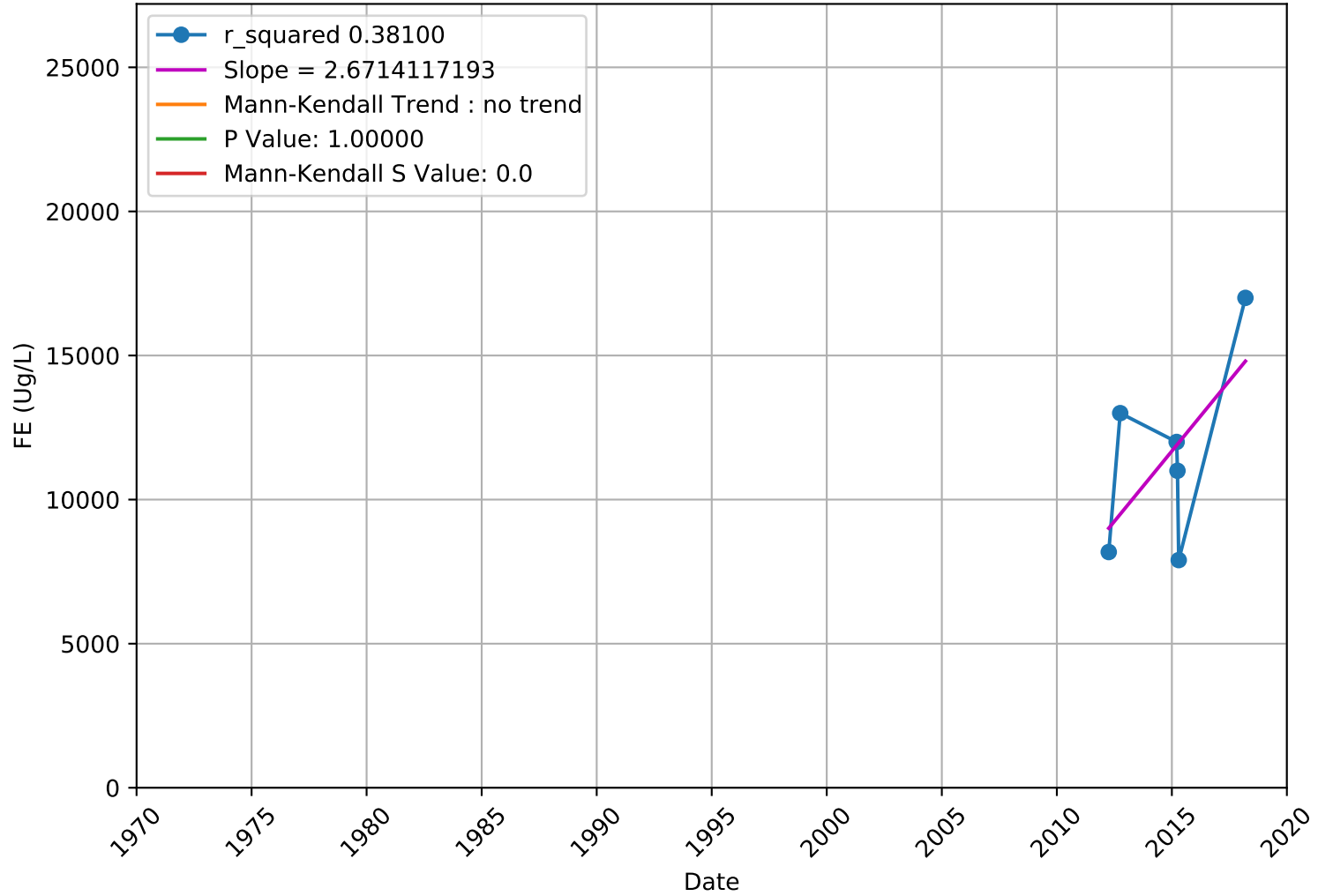
Iron 3900583-001 - Unknown Aquifer



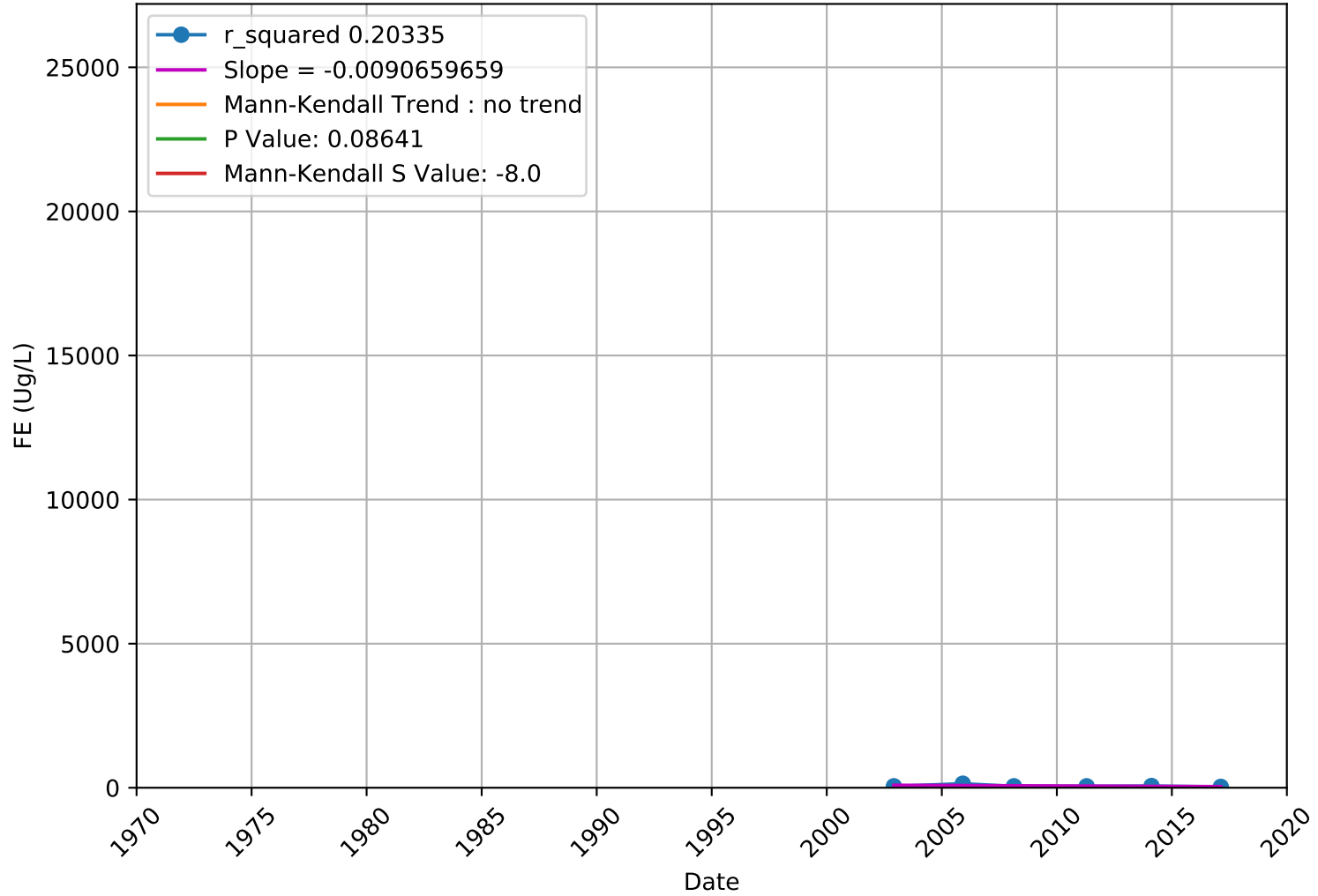
Iron 3900589-001 - Unknown Aquifer



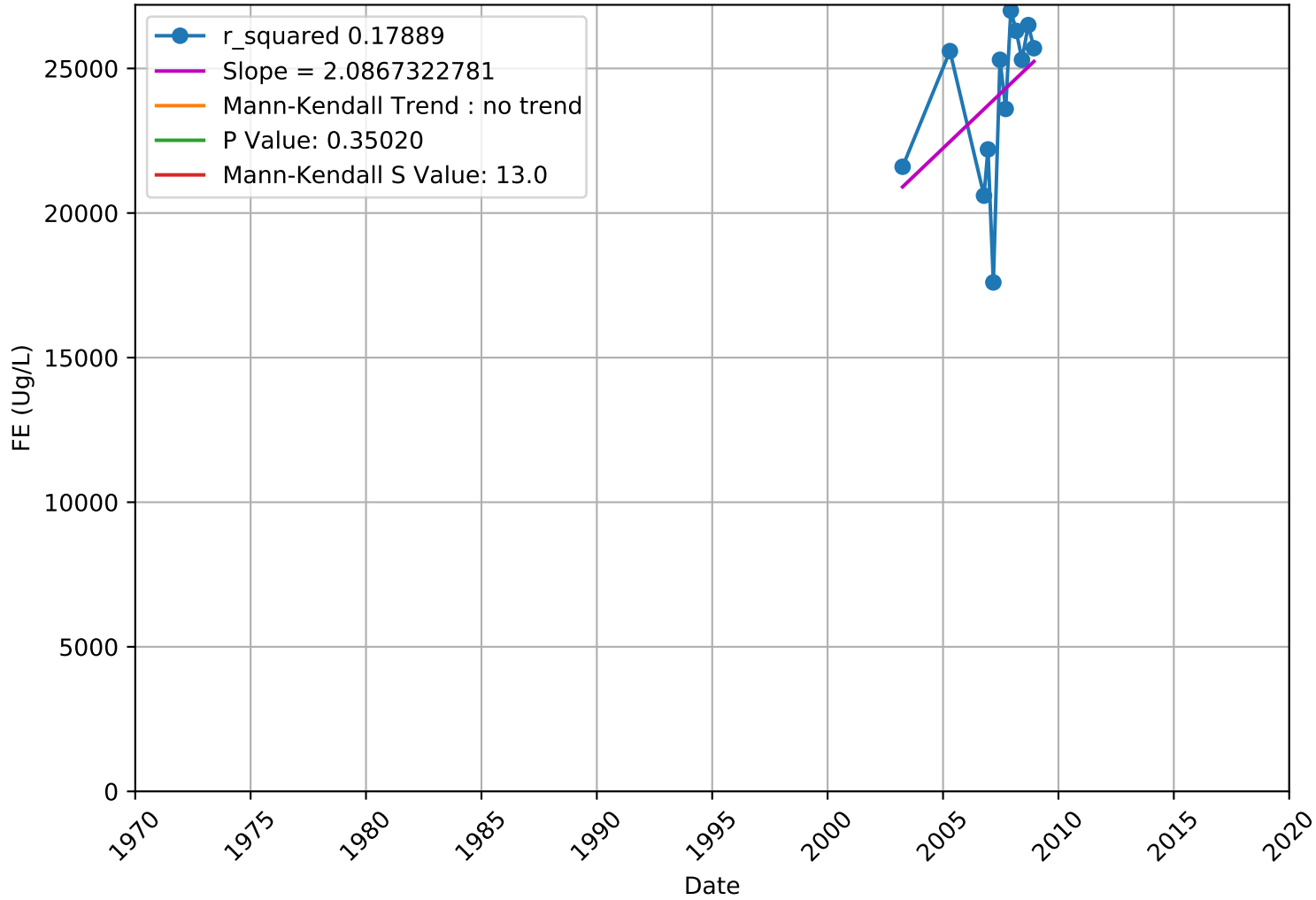
Iron 3900616-002 - Unknown Aquifer



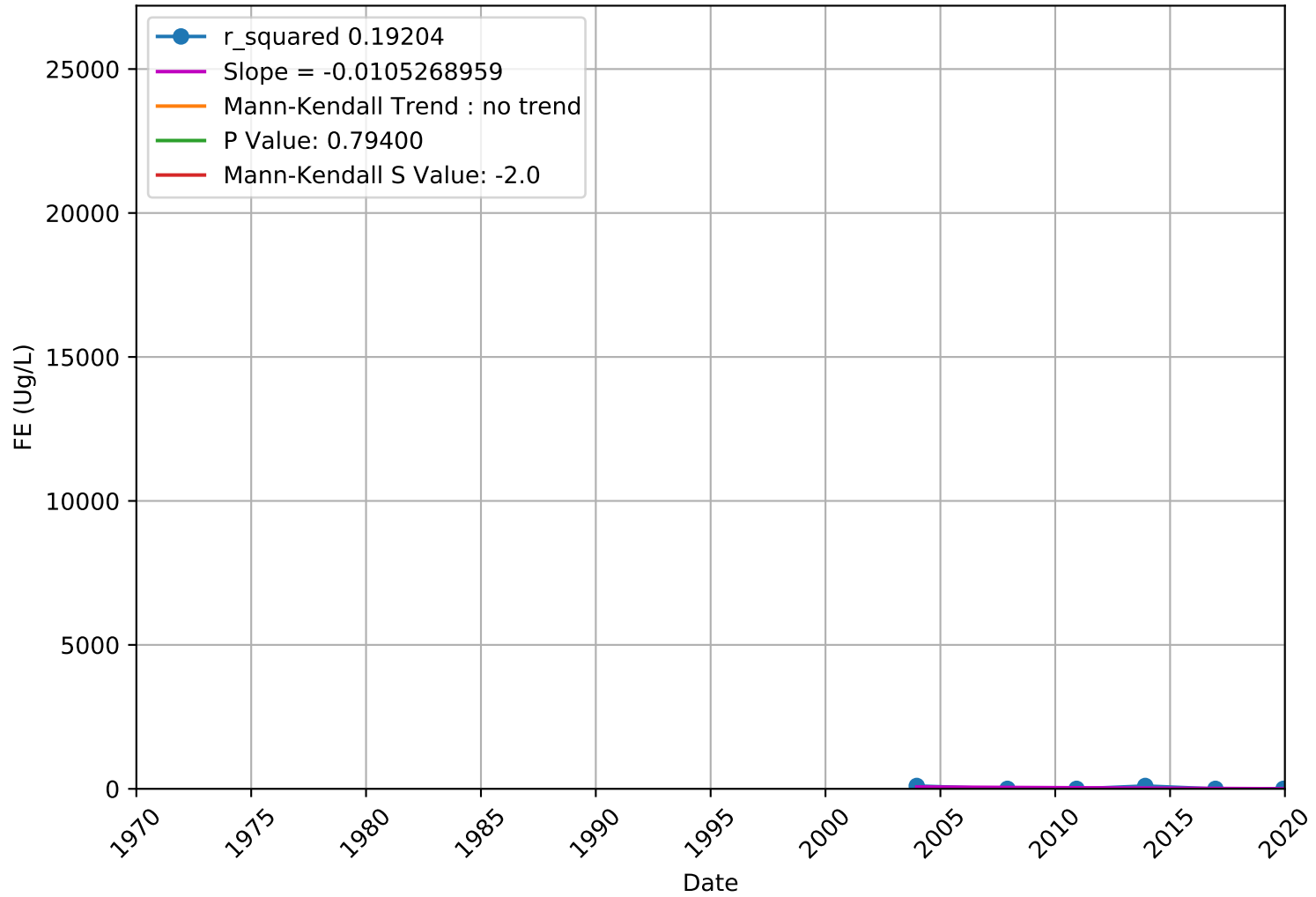
Iron 3900702-001 - Unknown Aquifer



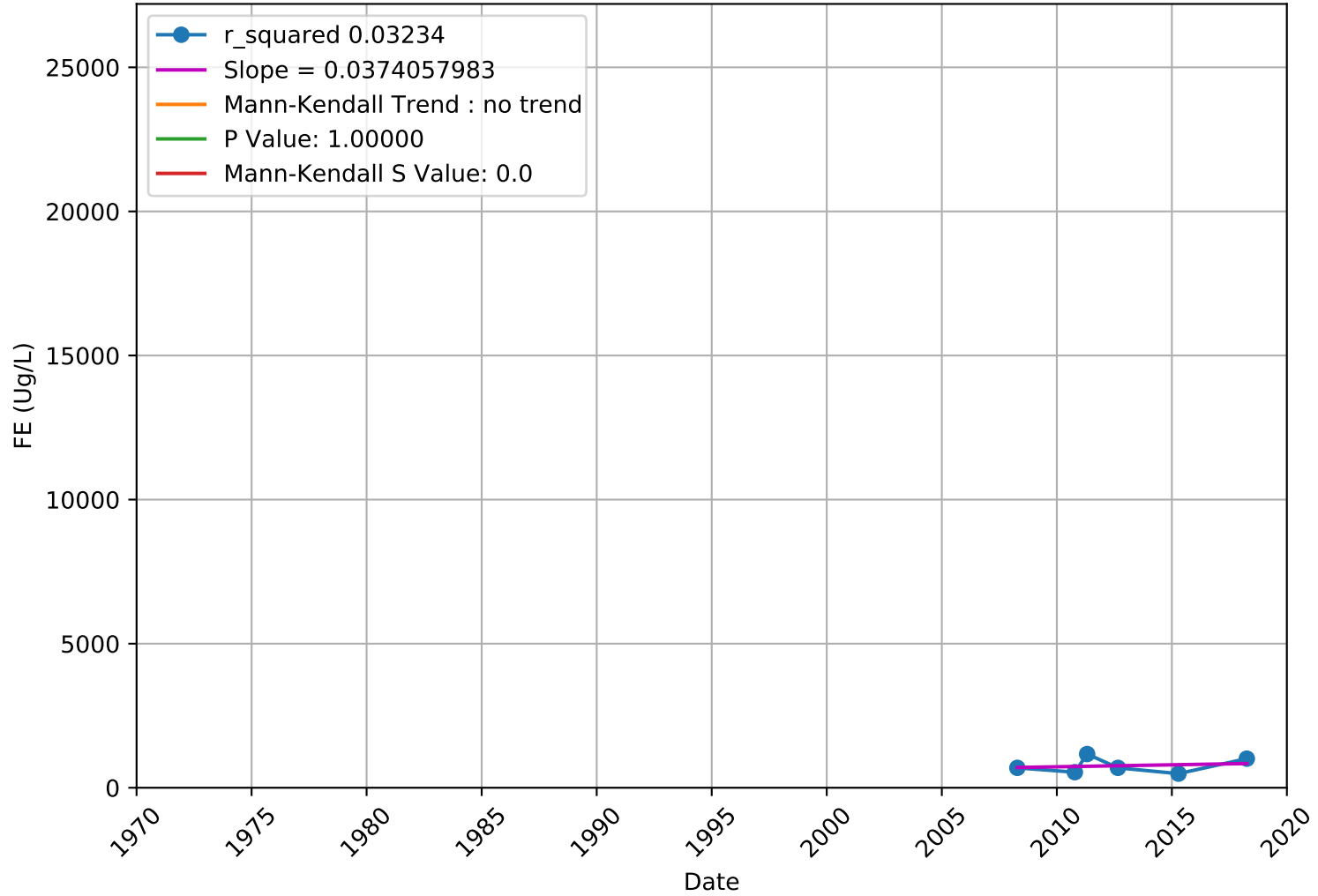
Iron 3900713-001 - Unknown Aquifer



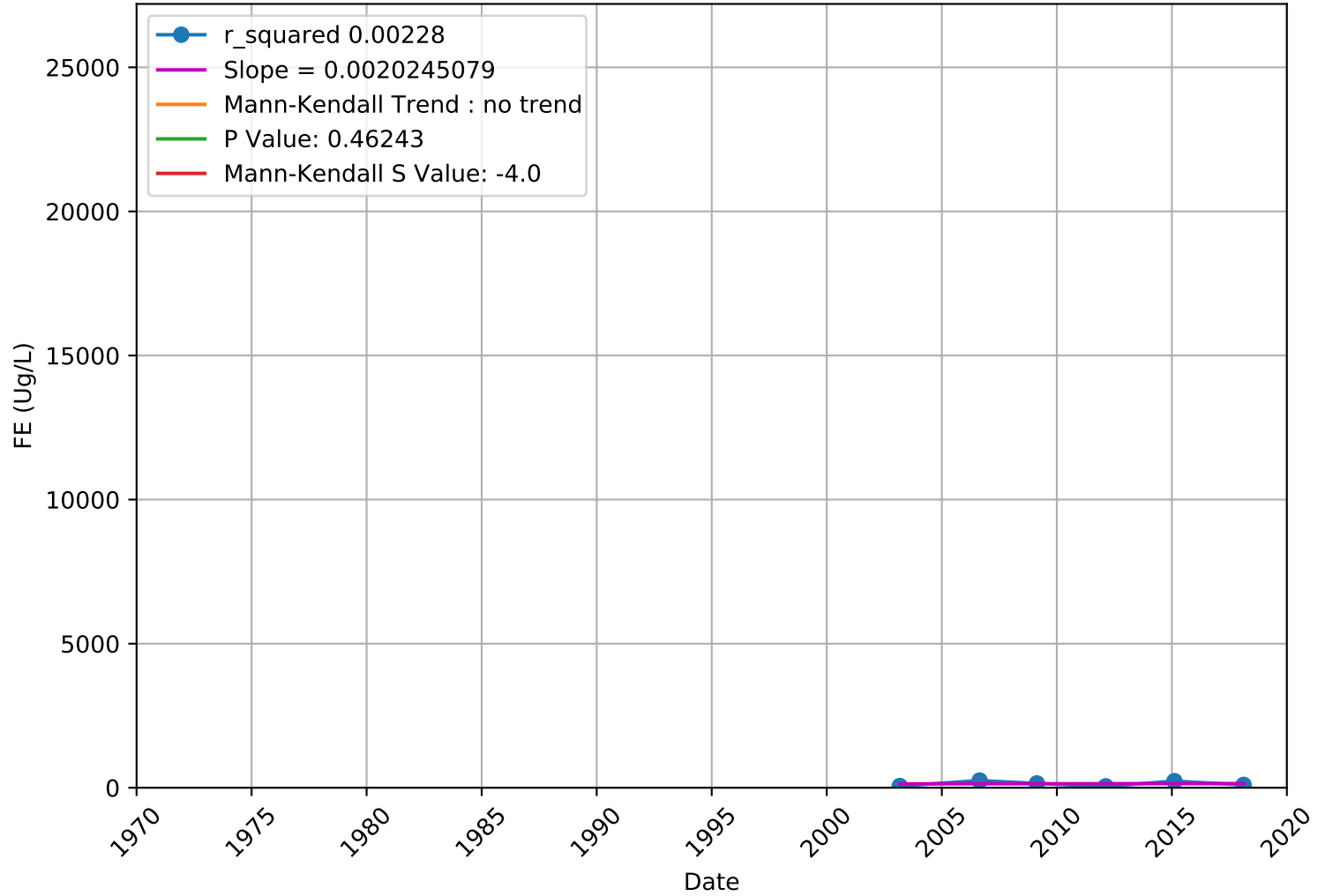
Iron 3900991-001 - Unknown Aquifer



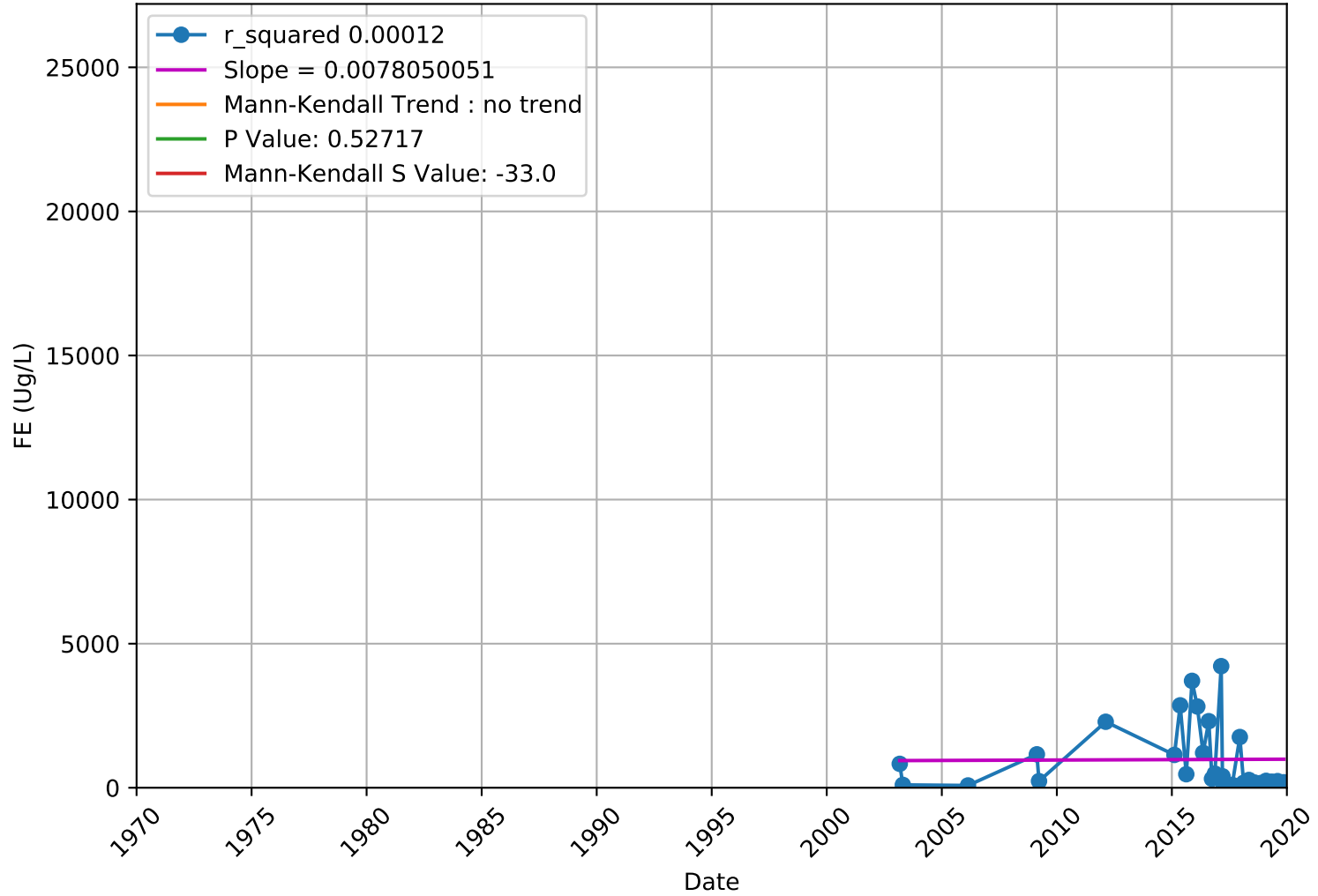
Iron 3901010-001 - Unknown Aquifer



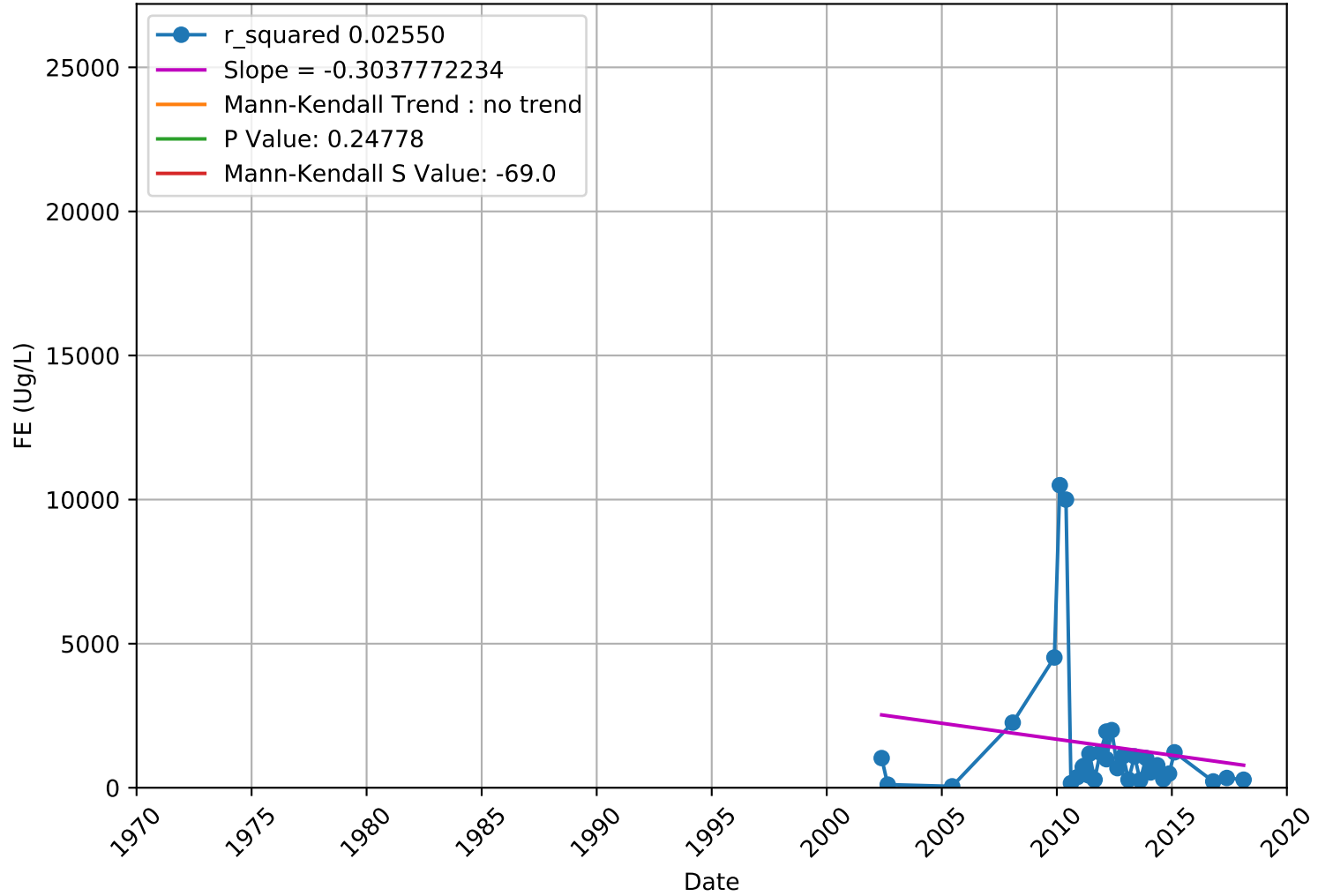
Iron 3901172-002 - Unknown Aquifer



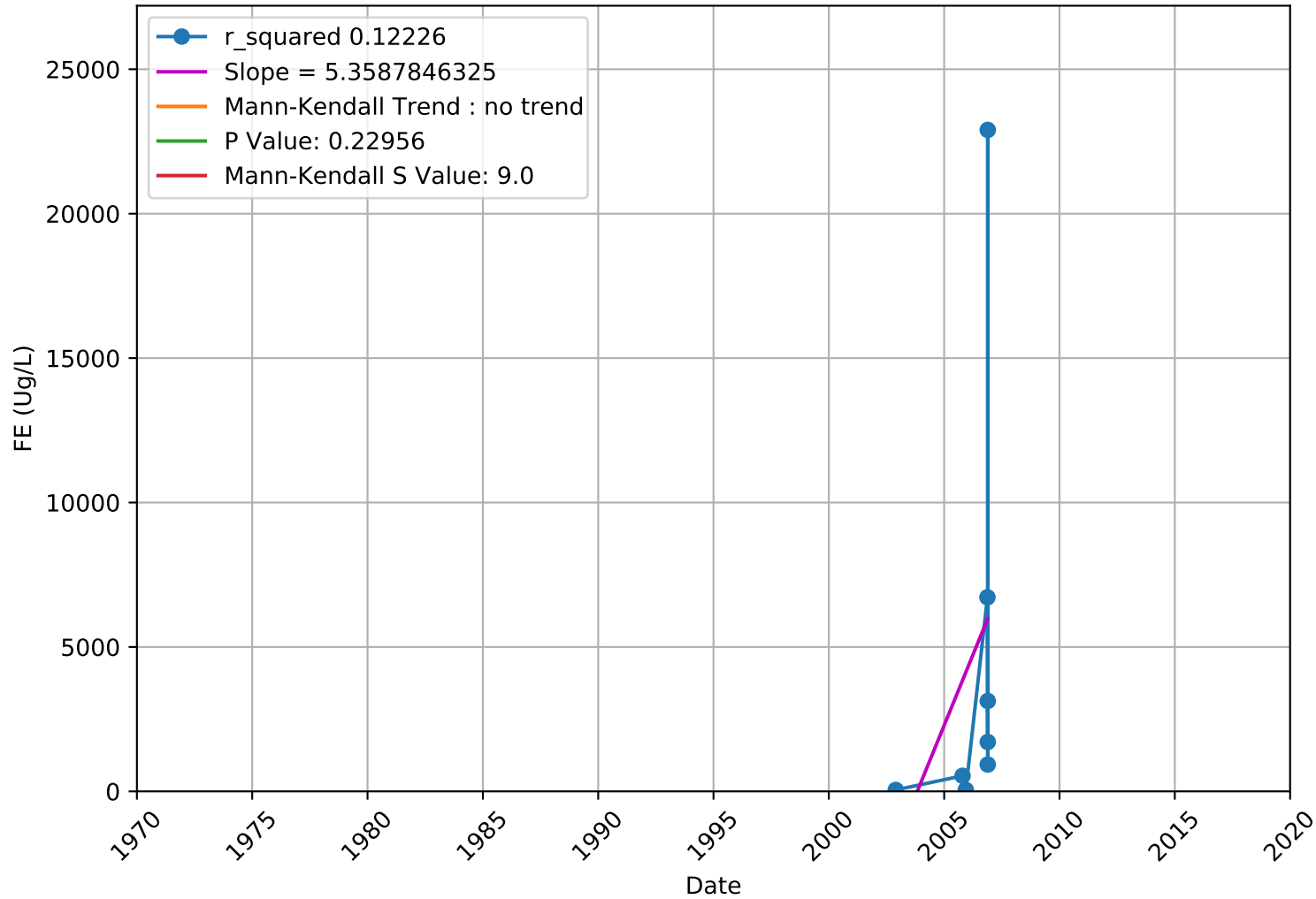
Iron 3901172-003 - Unknown Aquifer



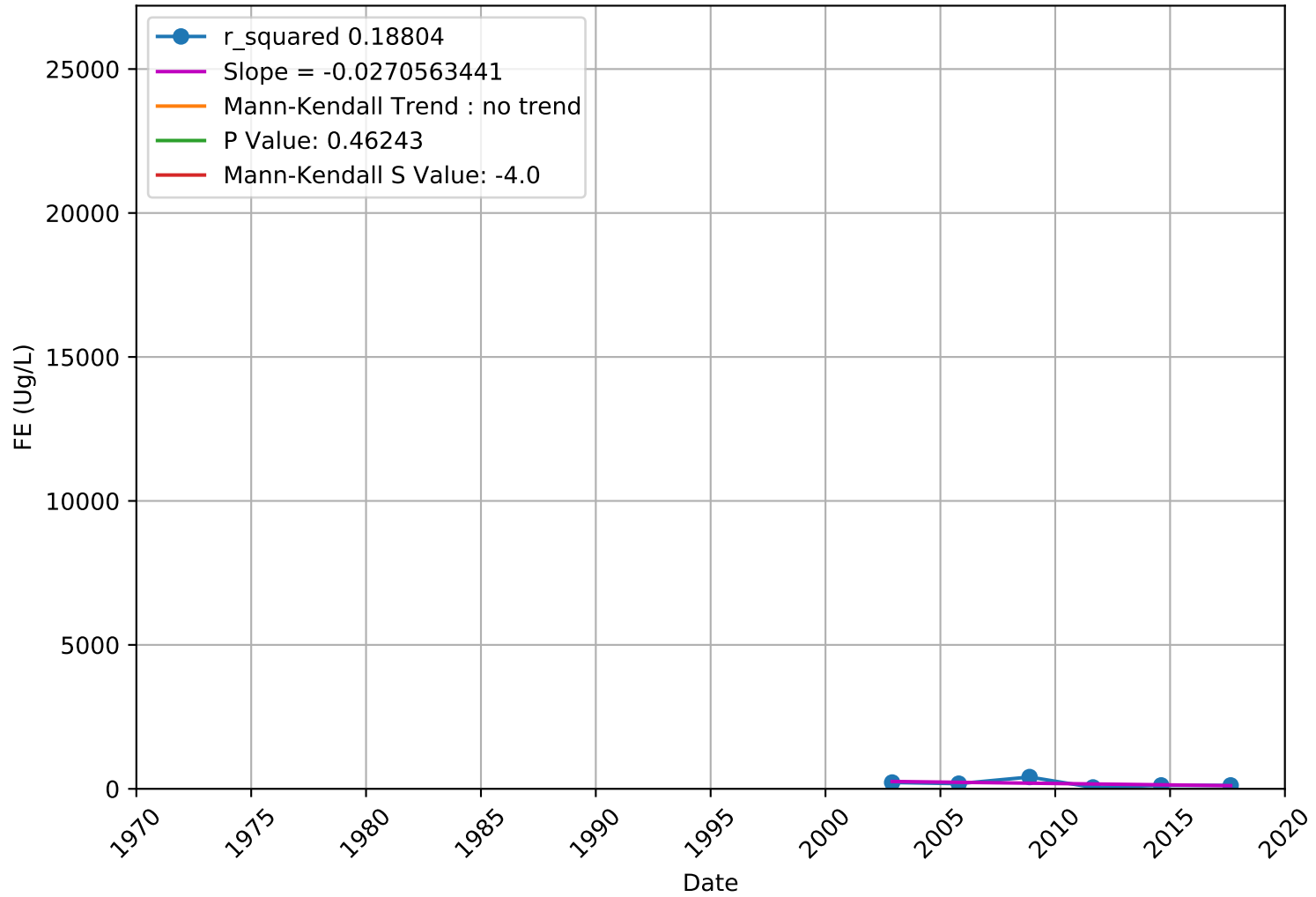
Iron 3901216-002 - Unknown Aquifer



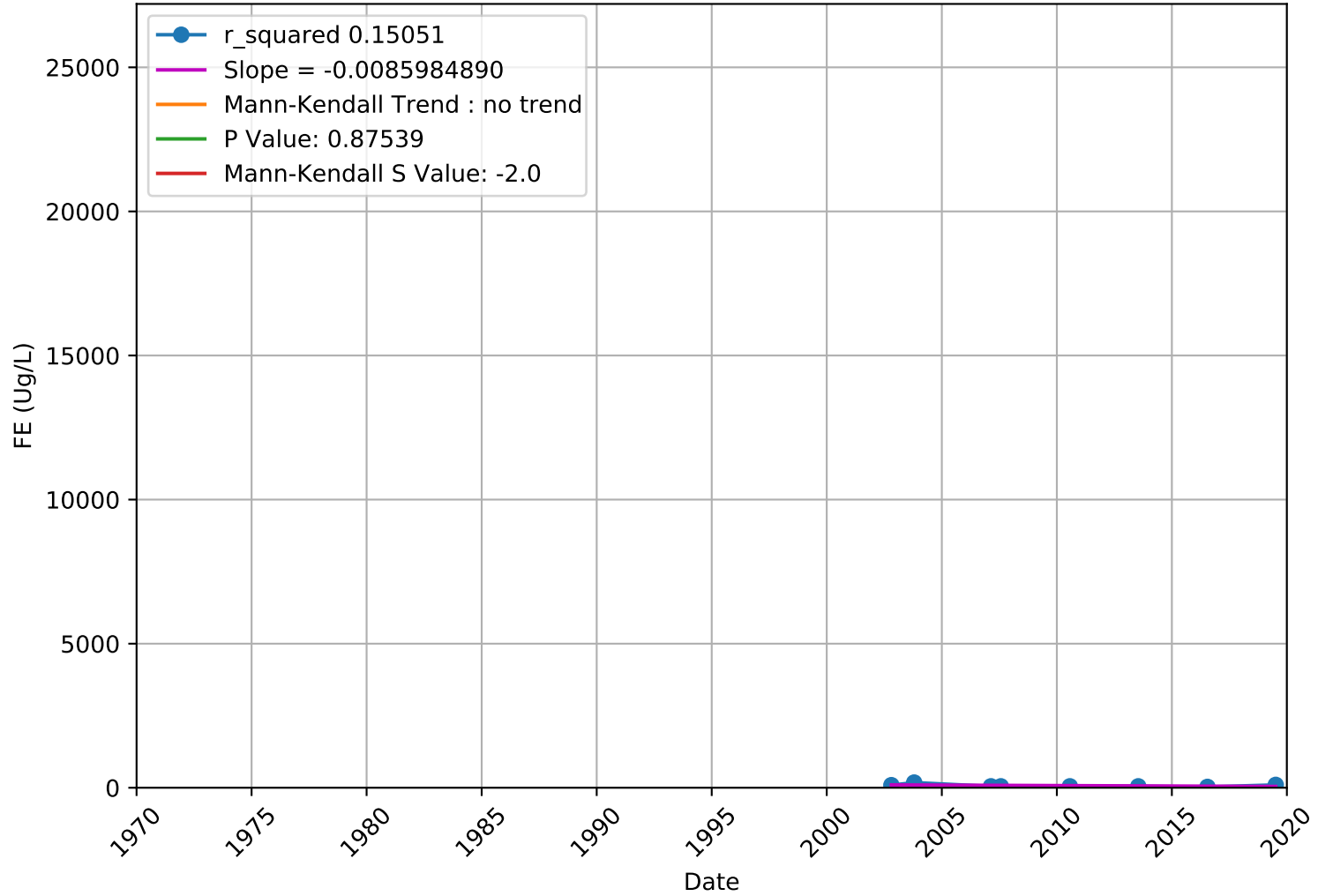
Iron 3901348-001 - Unknown Aquifer



Iron 3901348-002 - Unknown Aquifer

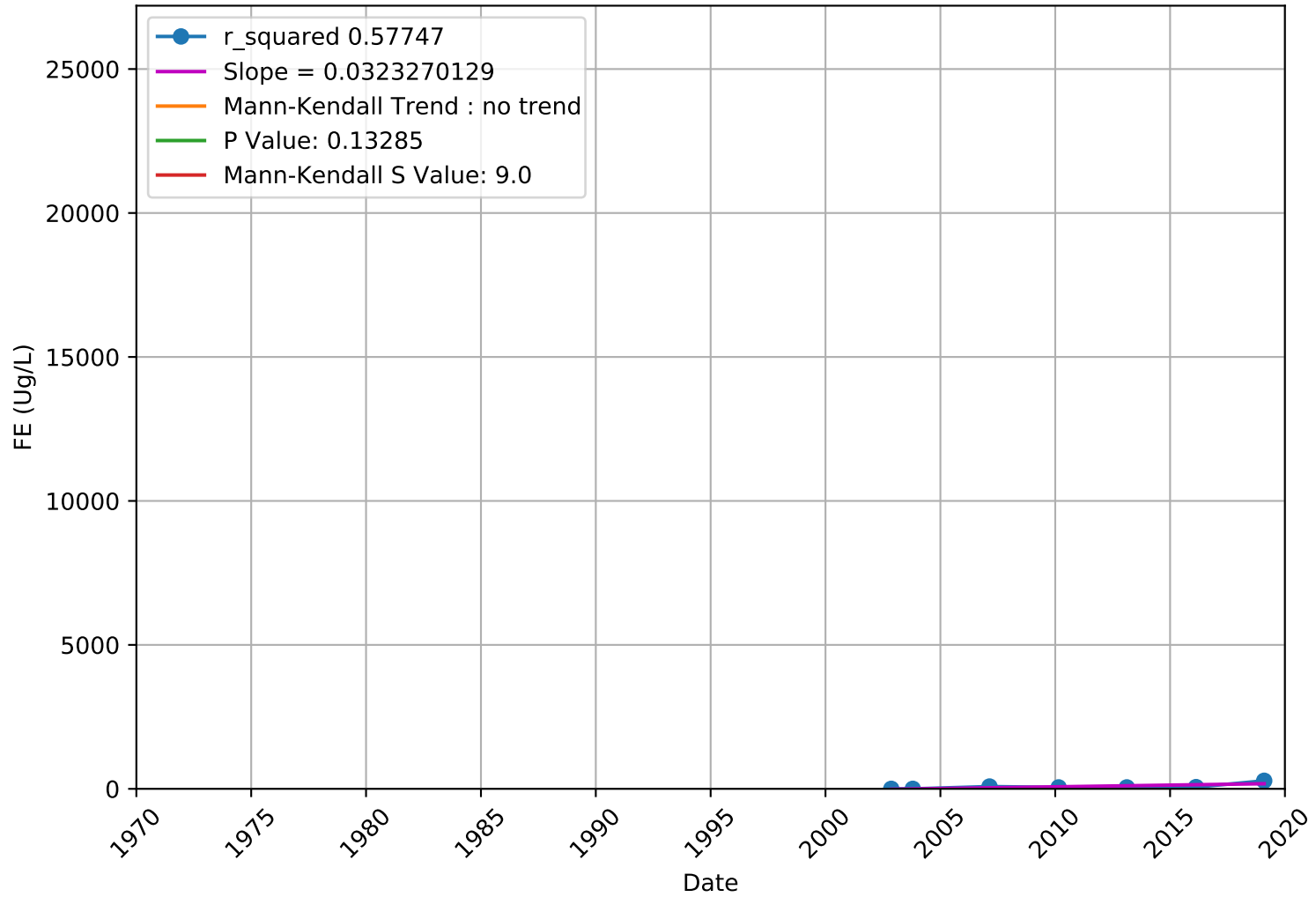


Iron 3901348-003 - Unknown Aquifer

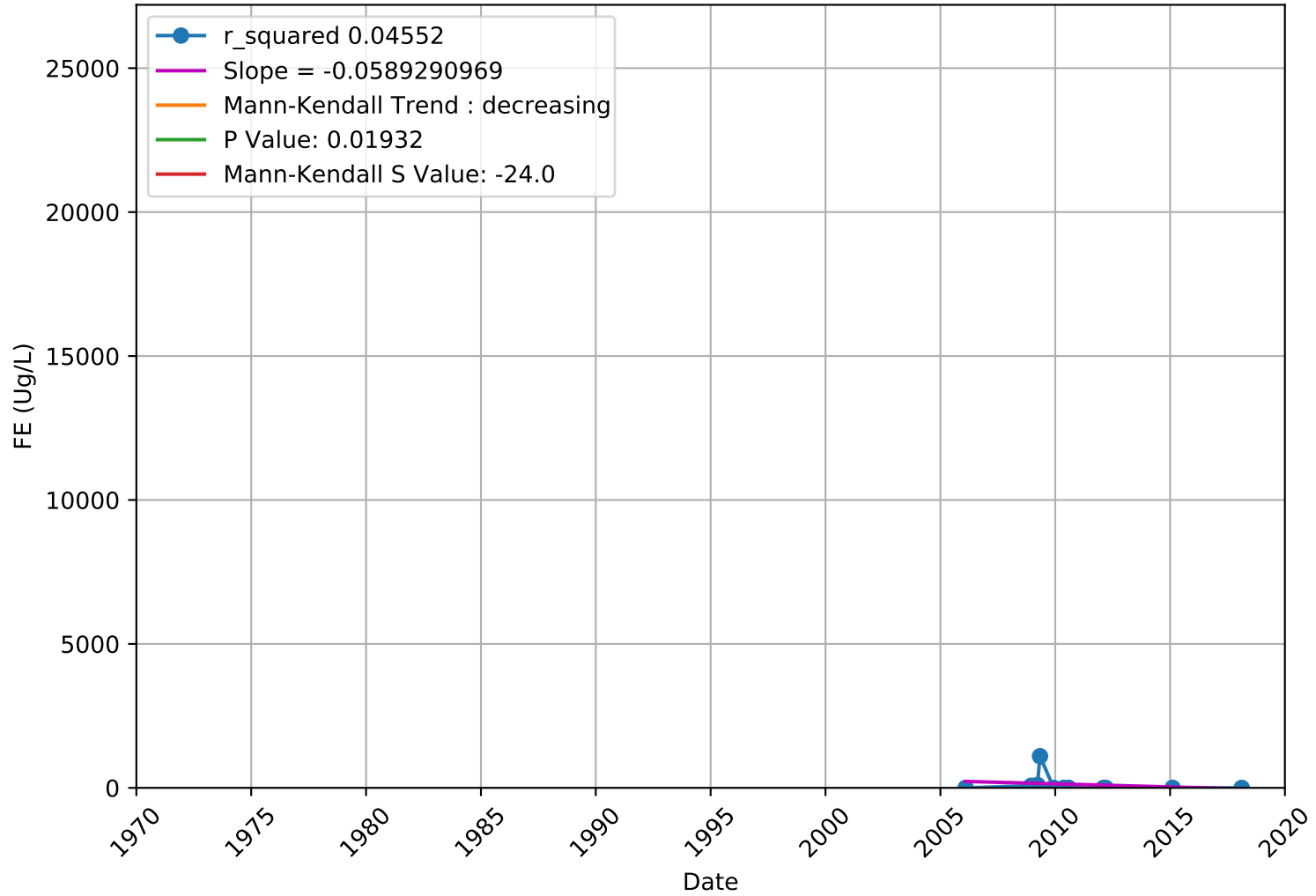


Iron

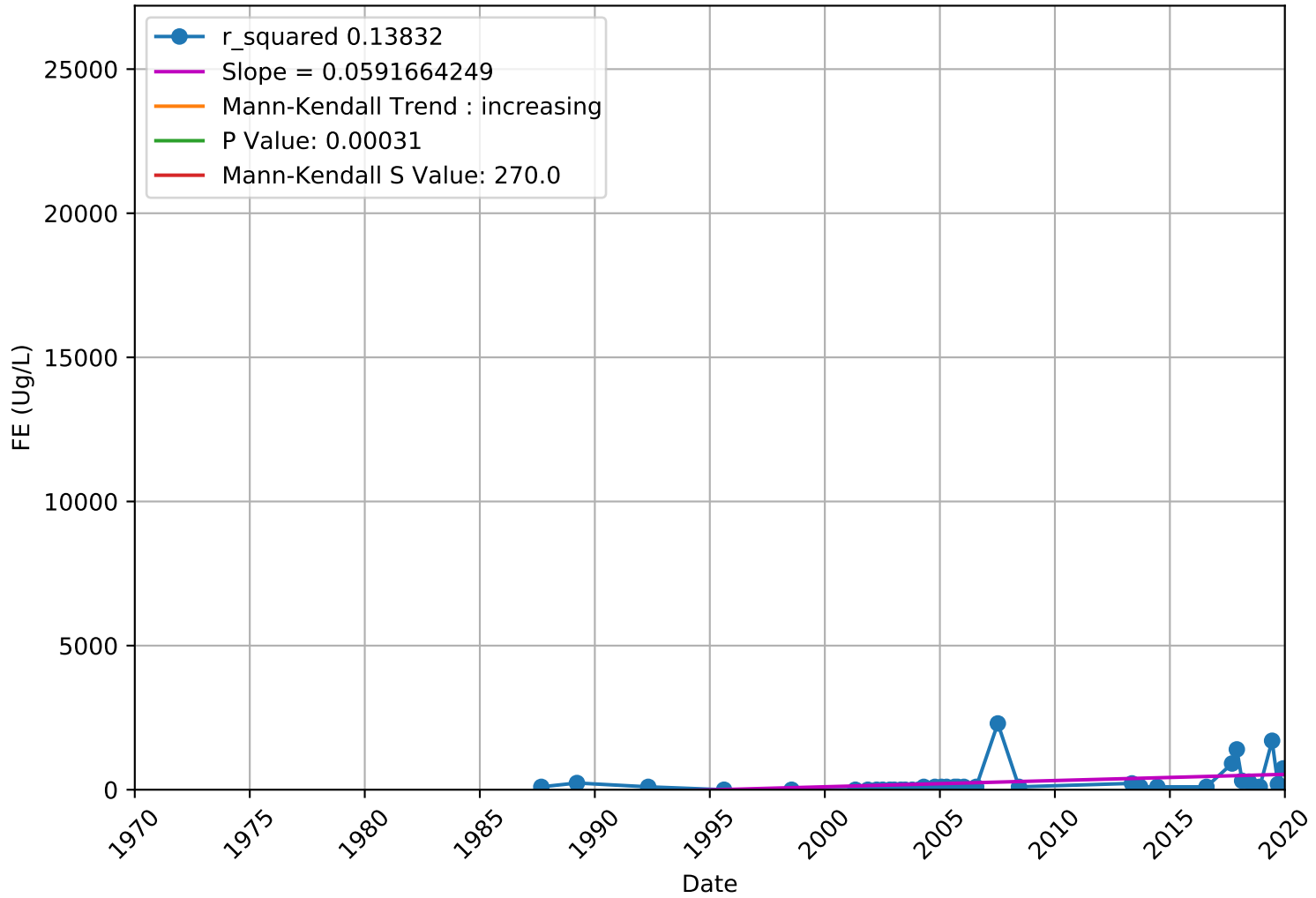
3901348-004 - Unknown Aquifer



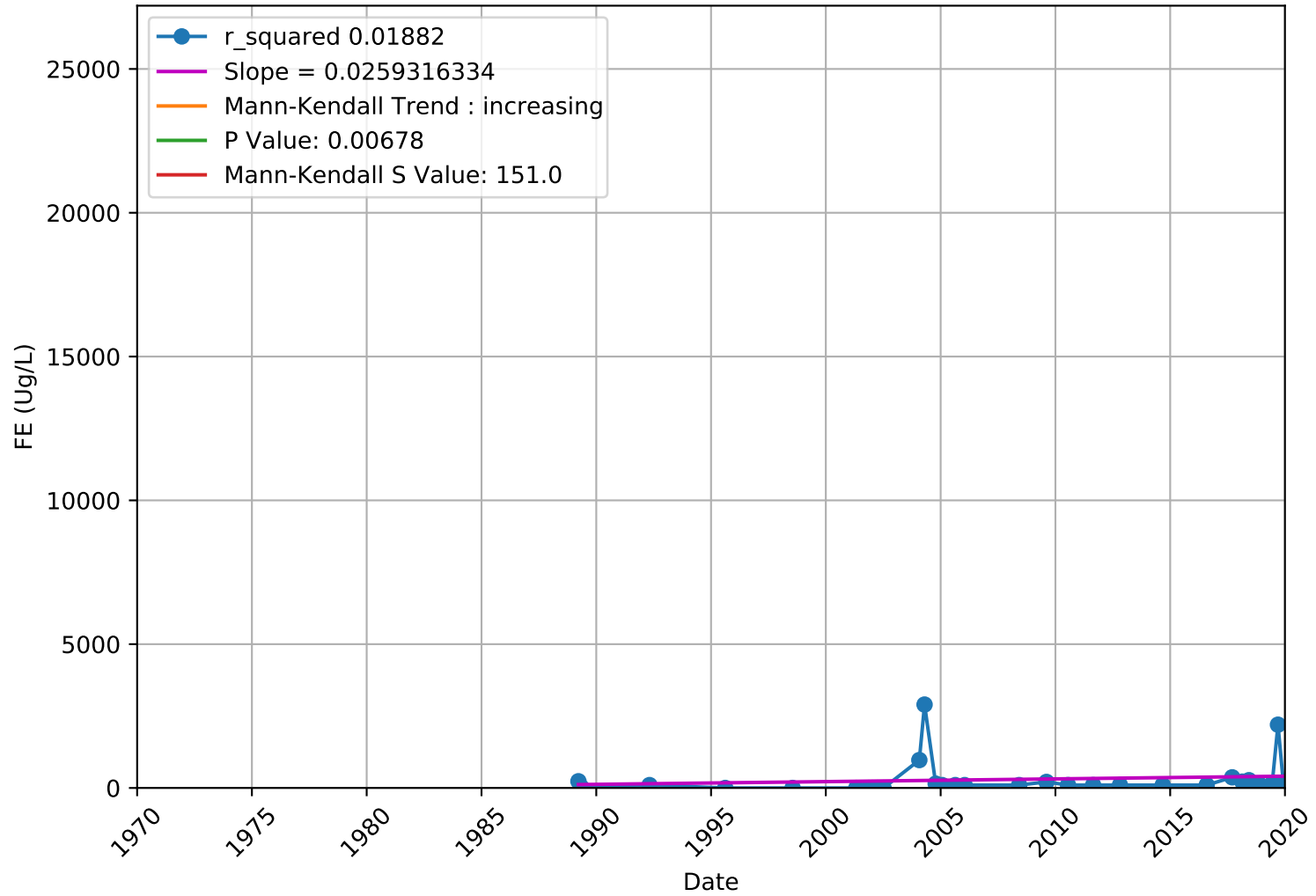
Iron 3910005-044 - Unknown Aquifer



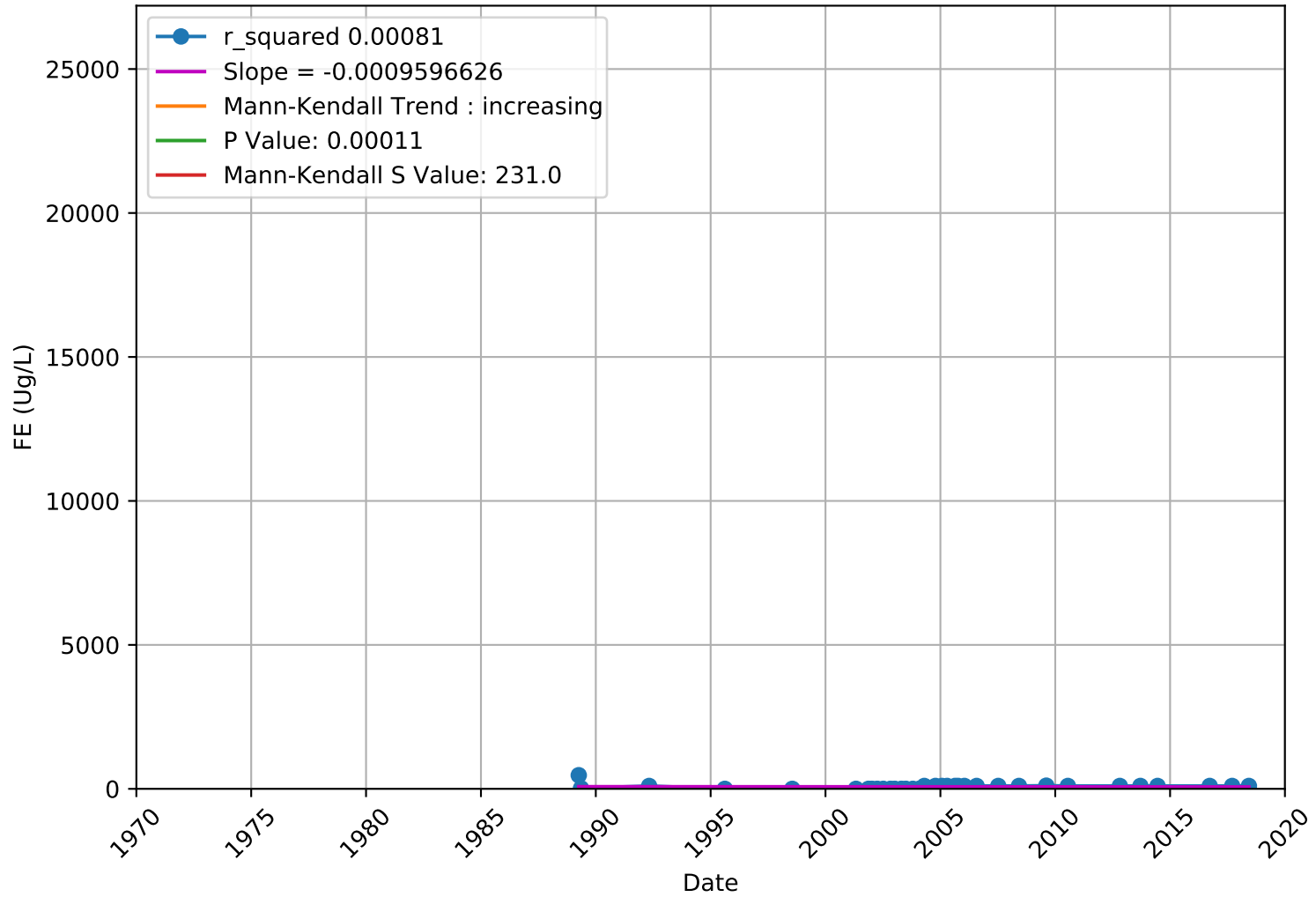
Iron 3910011-003 - Lower Aquifer



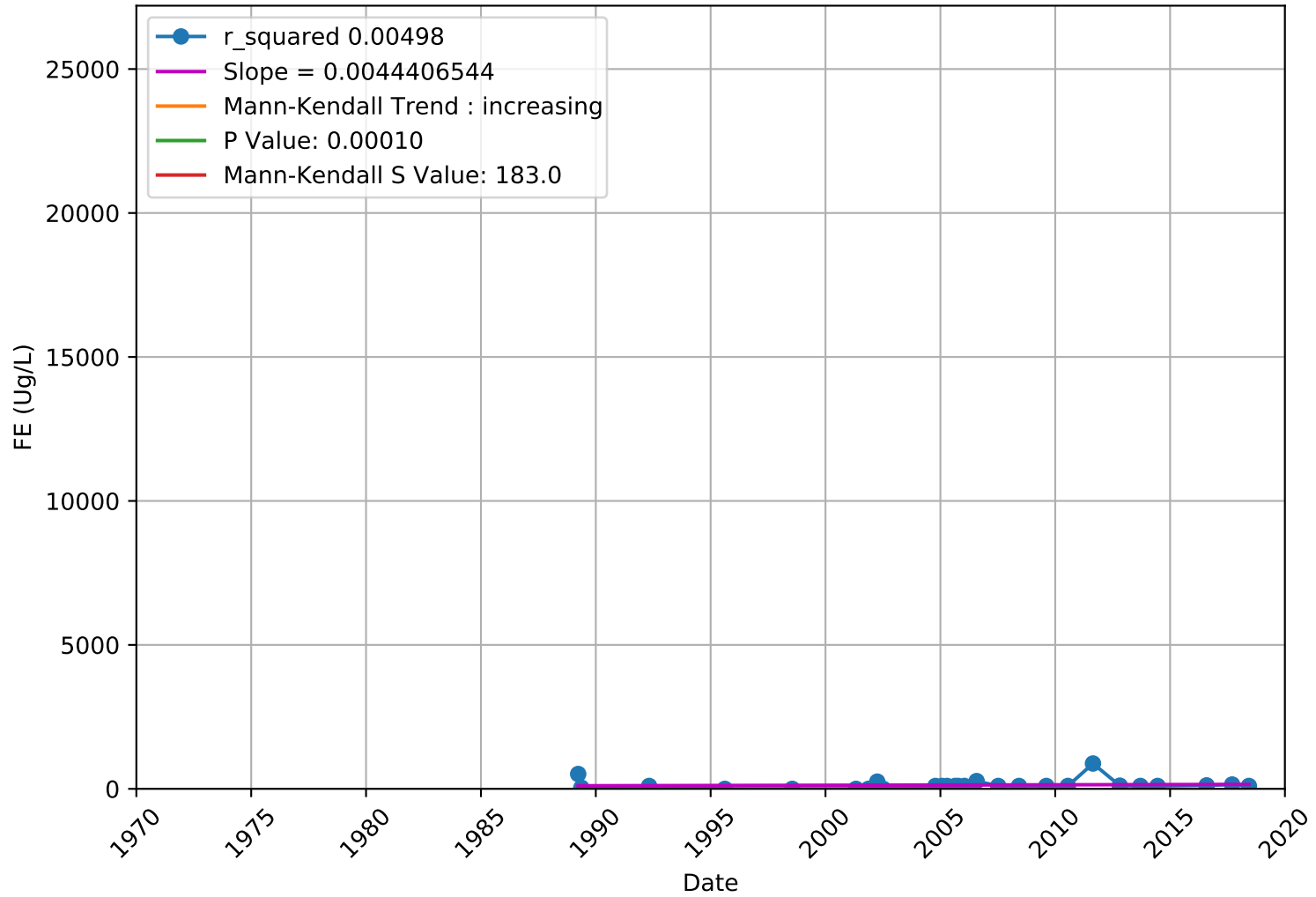
Iron 3910011-004 - Lower Aquifer



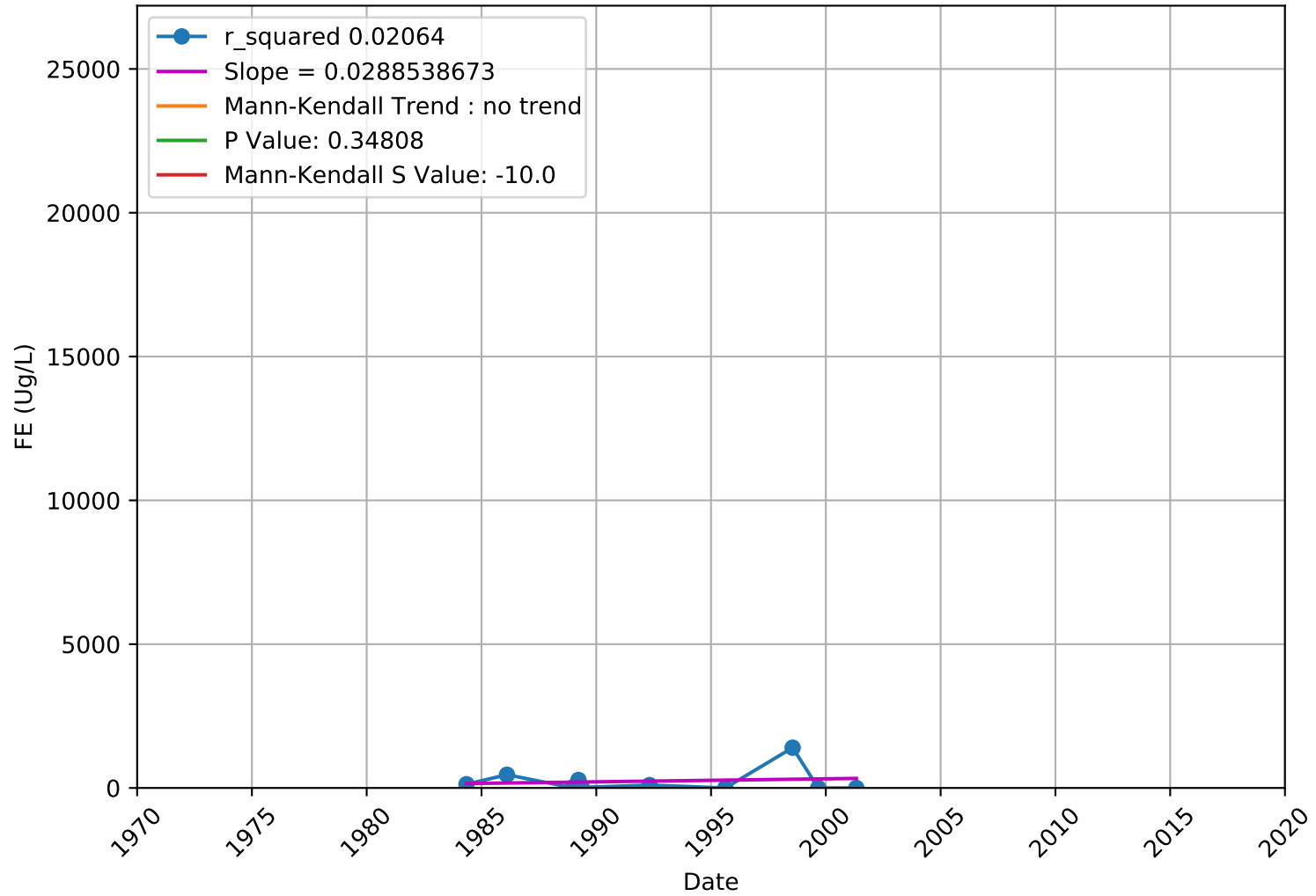
Iron 3910011-005 - Lower Aquifer



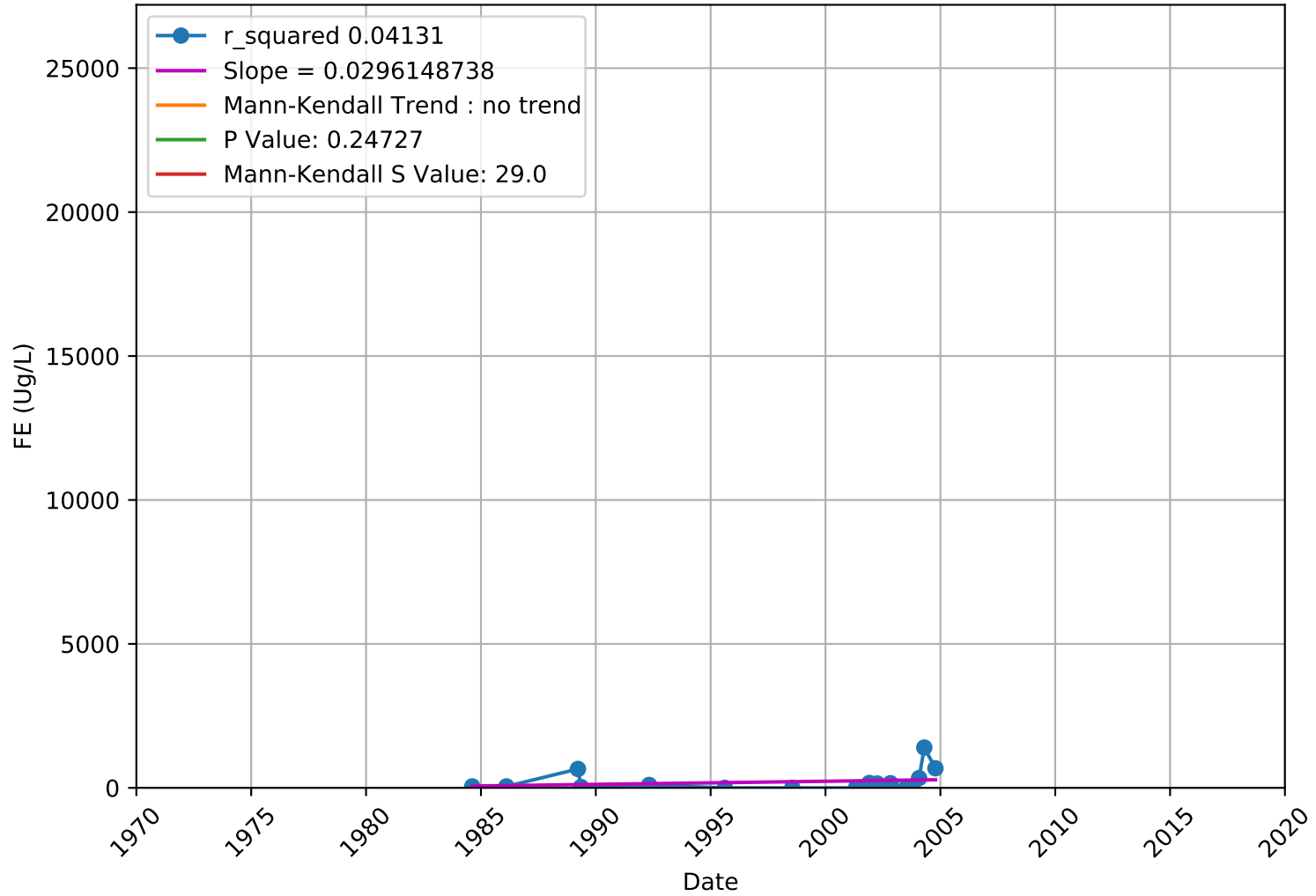
Iron 3910011-006 - Lower Aquifer



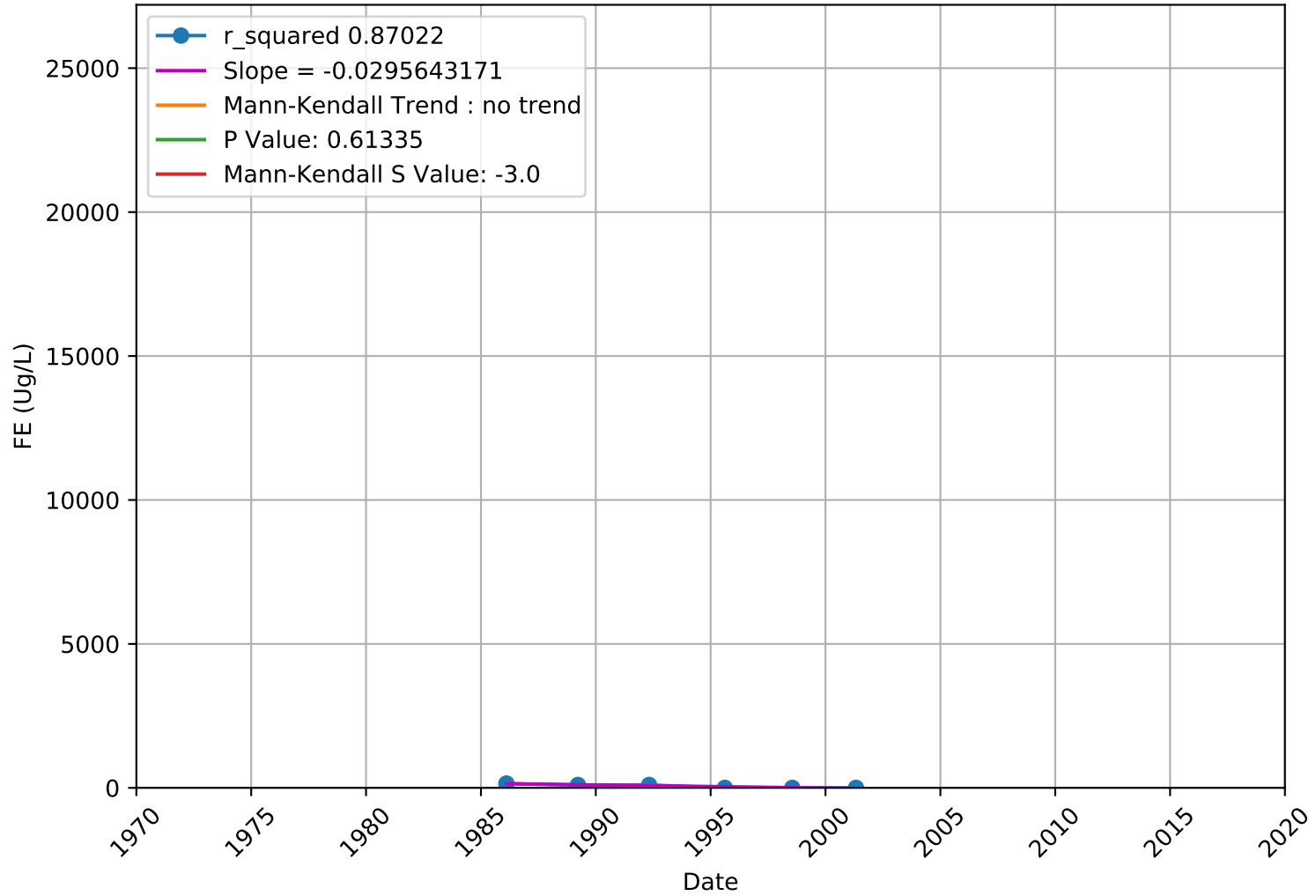
Iron 3910011-007 - Unknown Aquifer



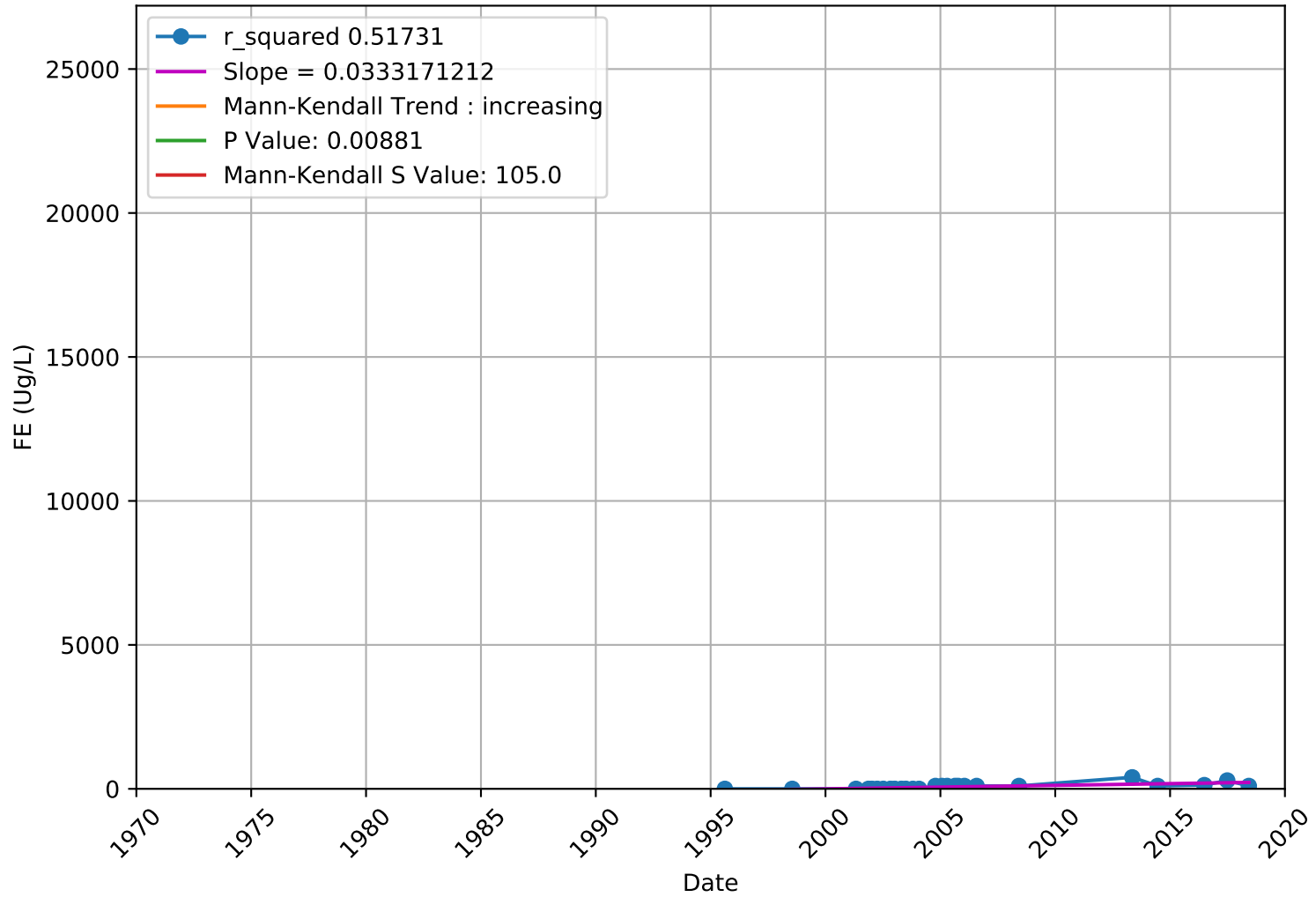
Iron 3910011-010 - Unknown Aquifer



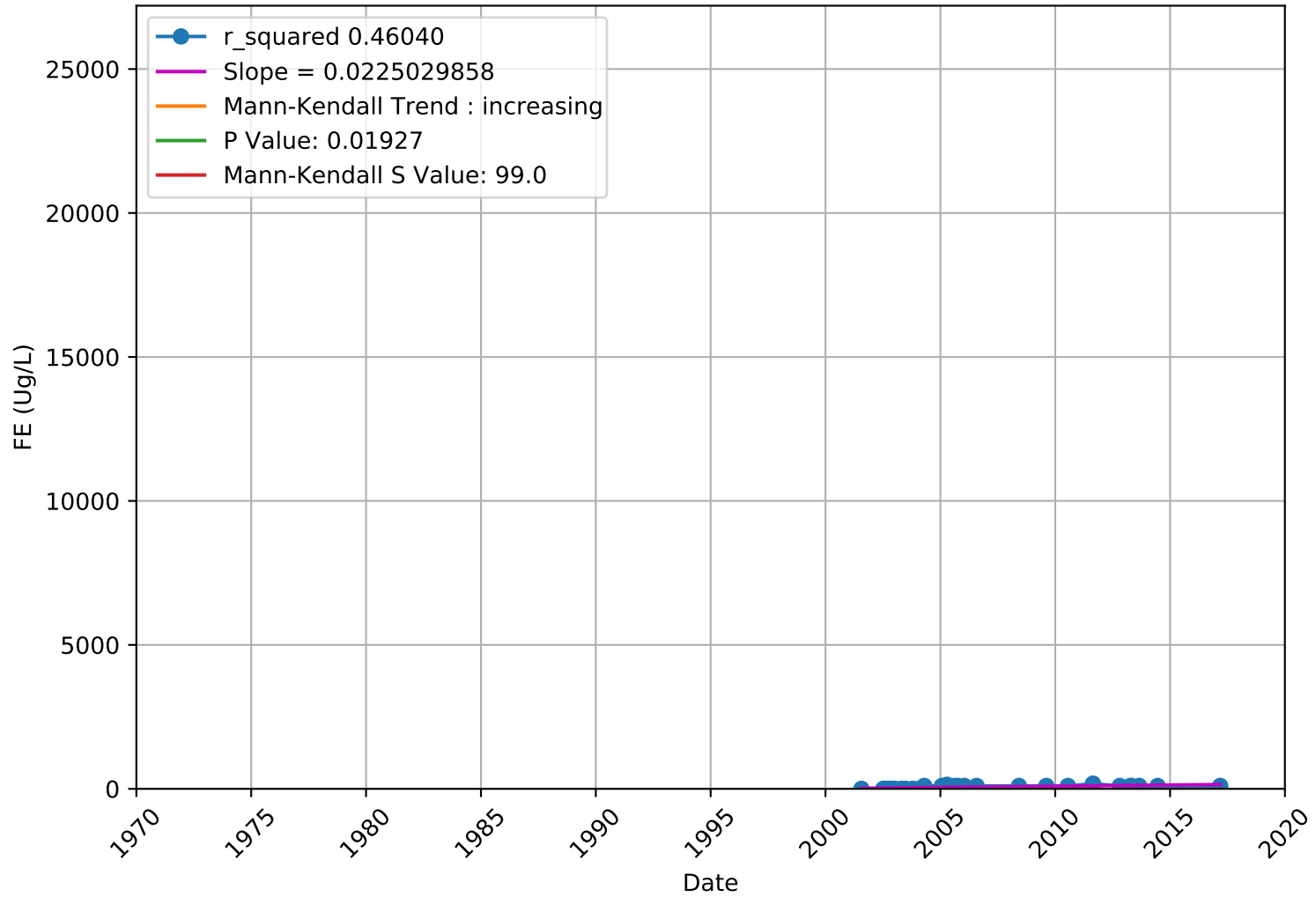
Iron 3910011-017 - Unknown Aquifer



Iron 3910011-018 - Lower Aquifer

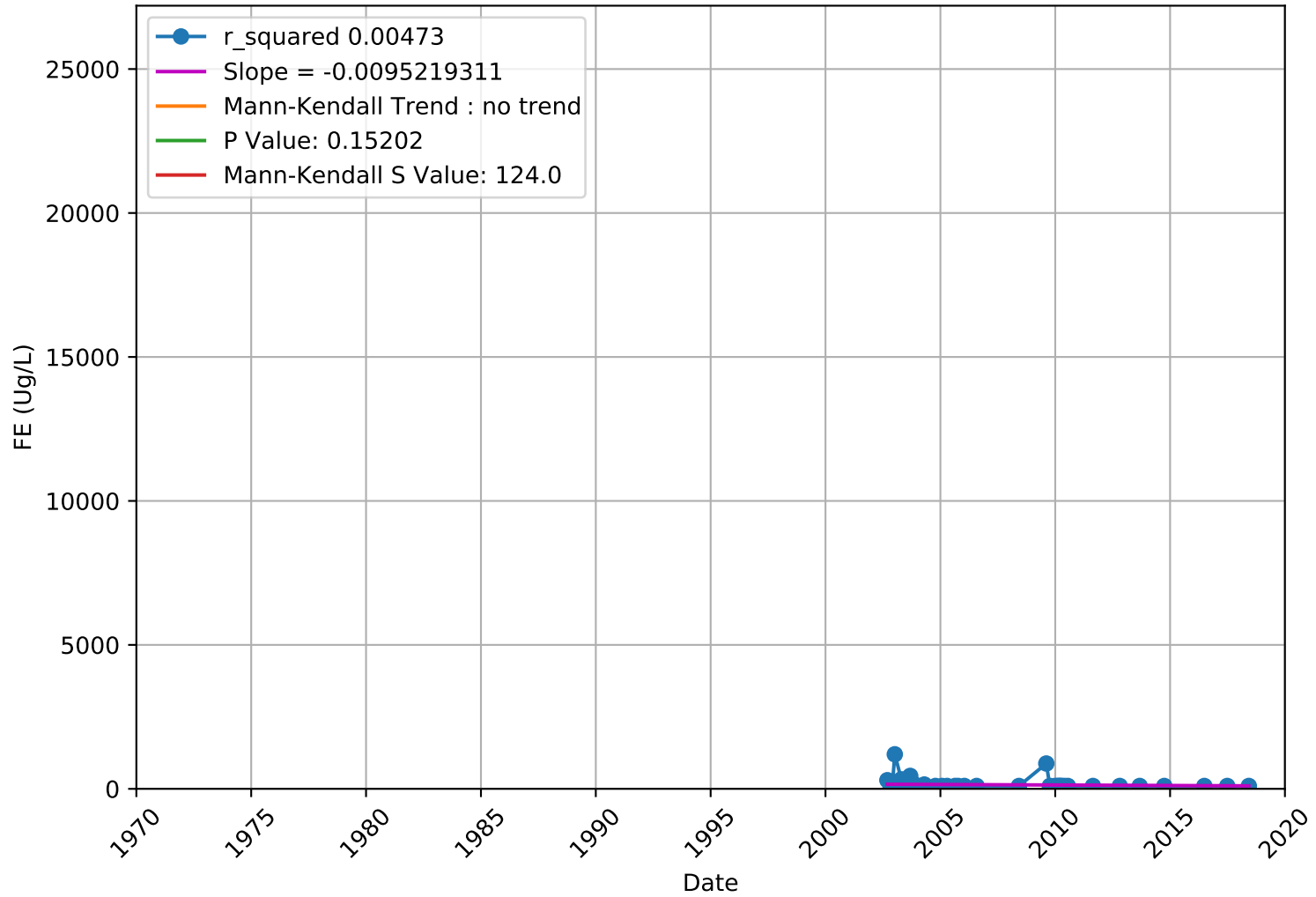


Iron 3910011-030 - Lower Aquifer

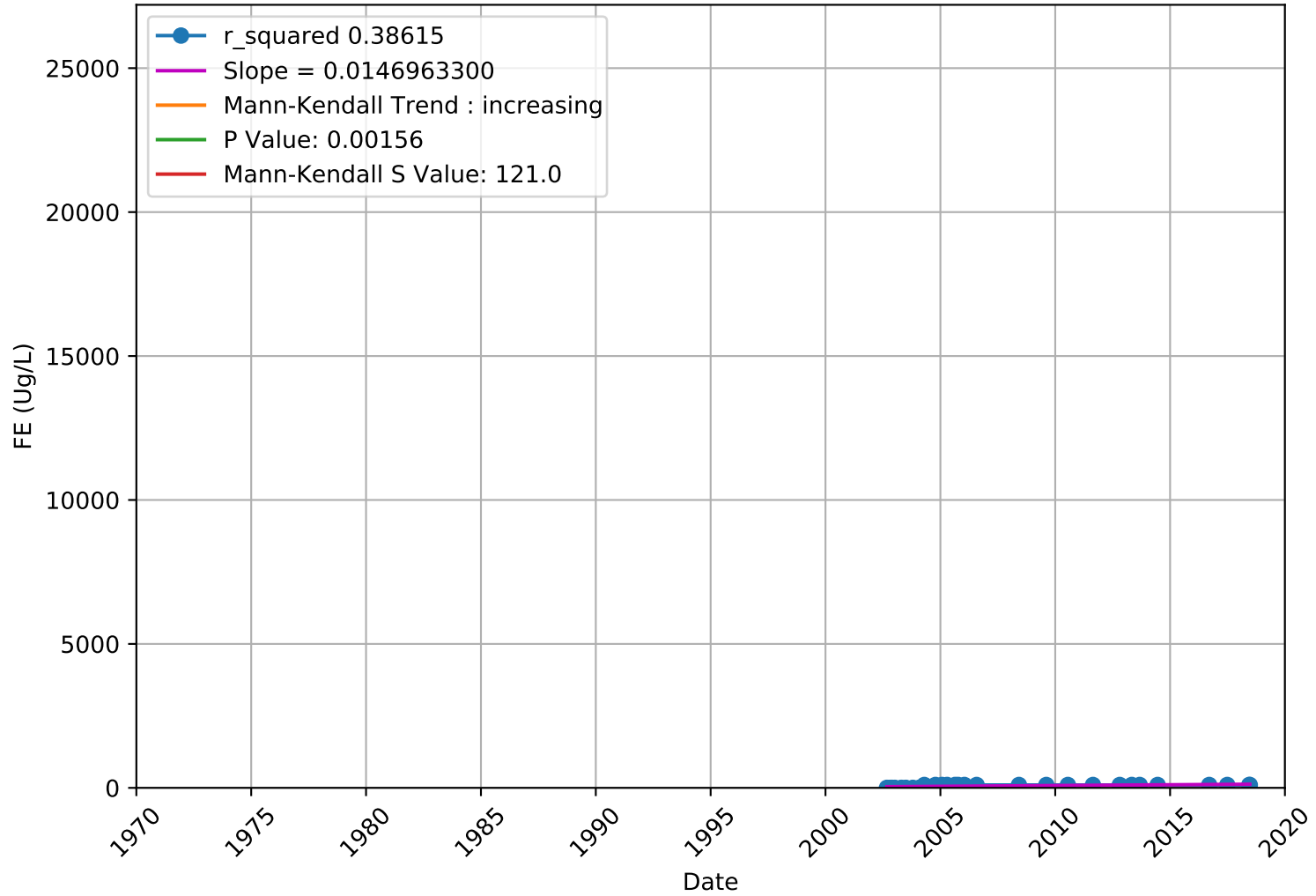


Iron

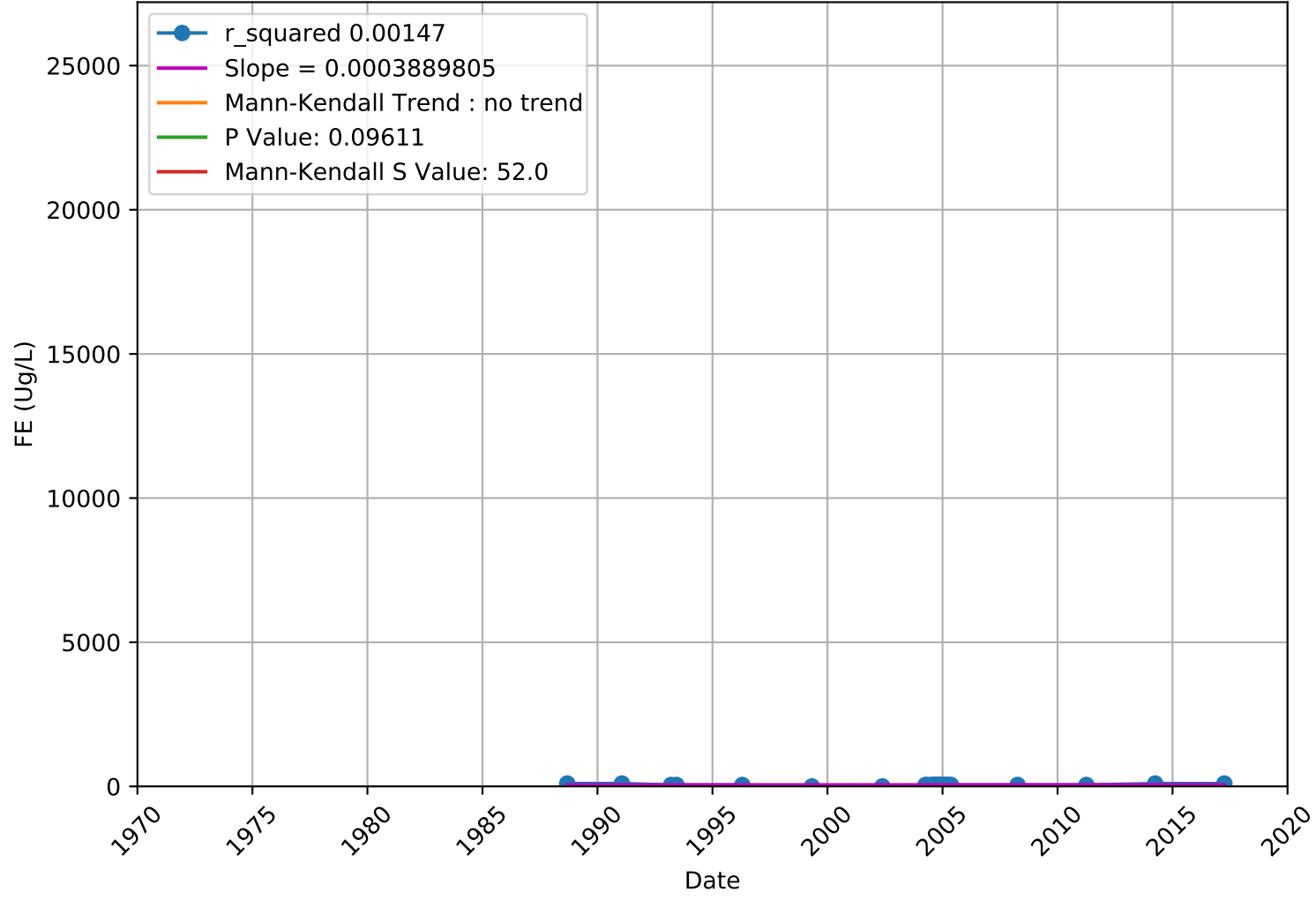
3910011-032 - Lower Aquifer



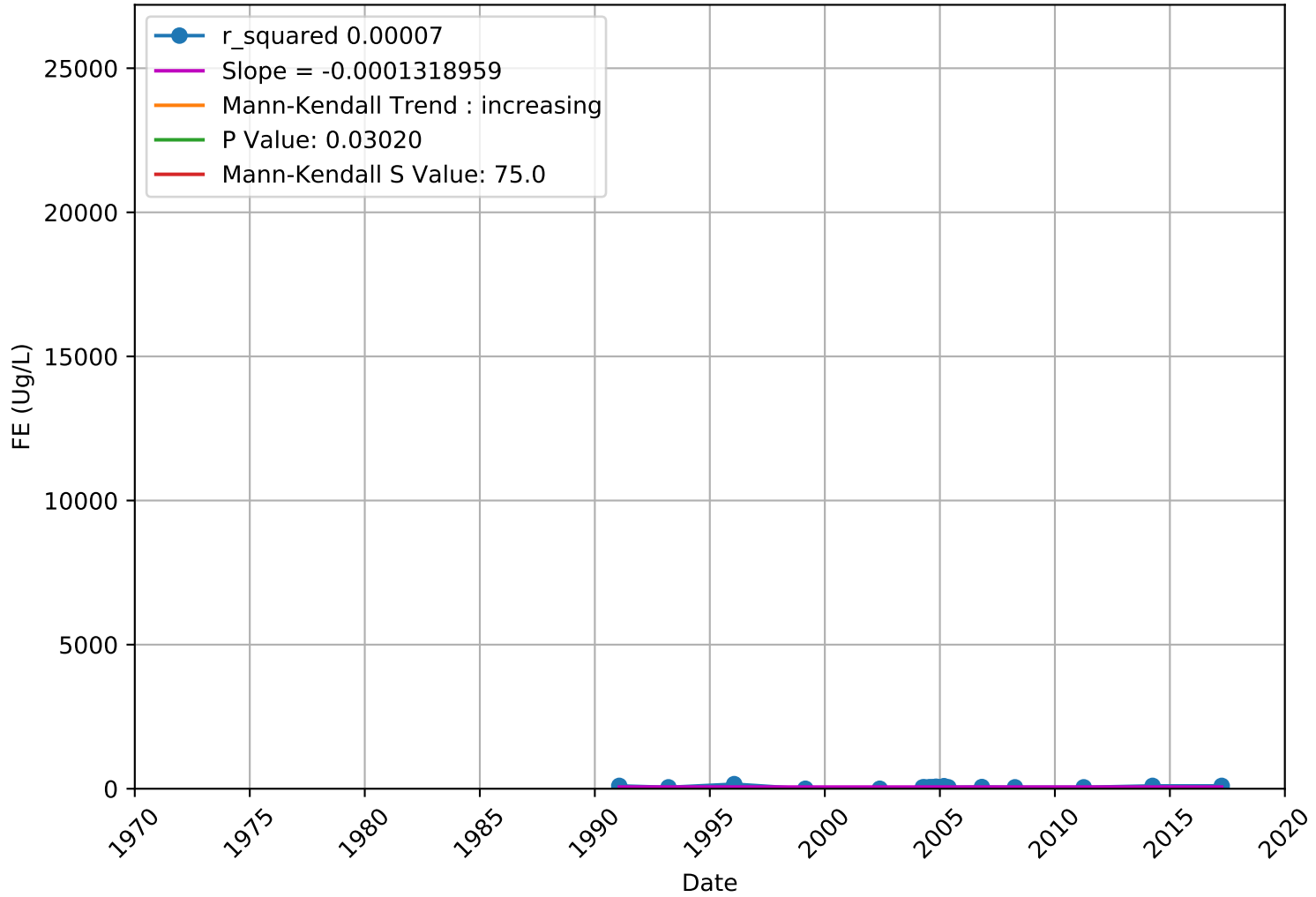
Iron 3910011-034 - Lower Aquifer



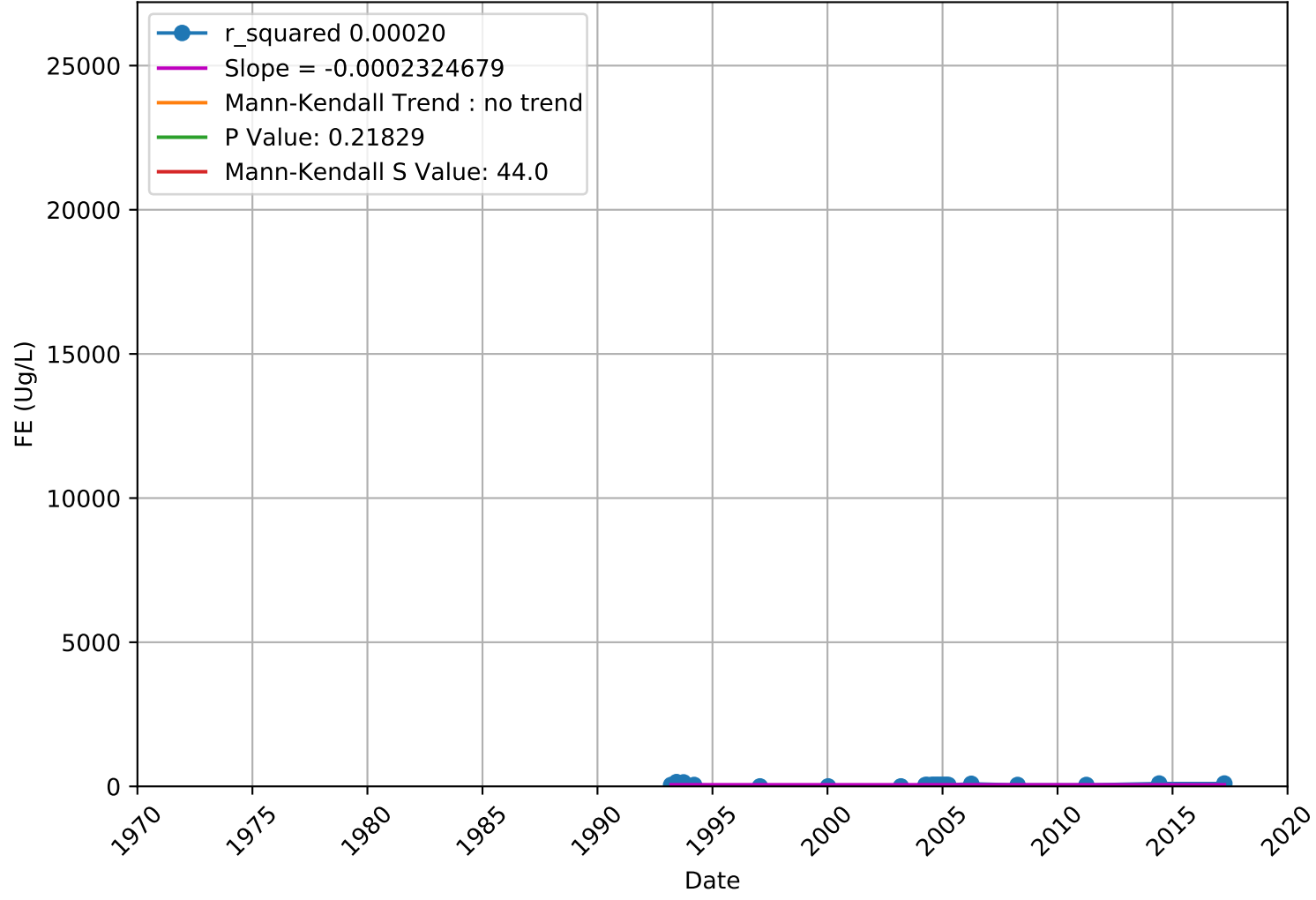
Iron 3910015-005 - Upper Aquifer



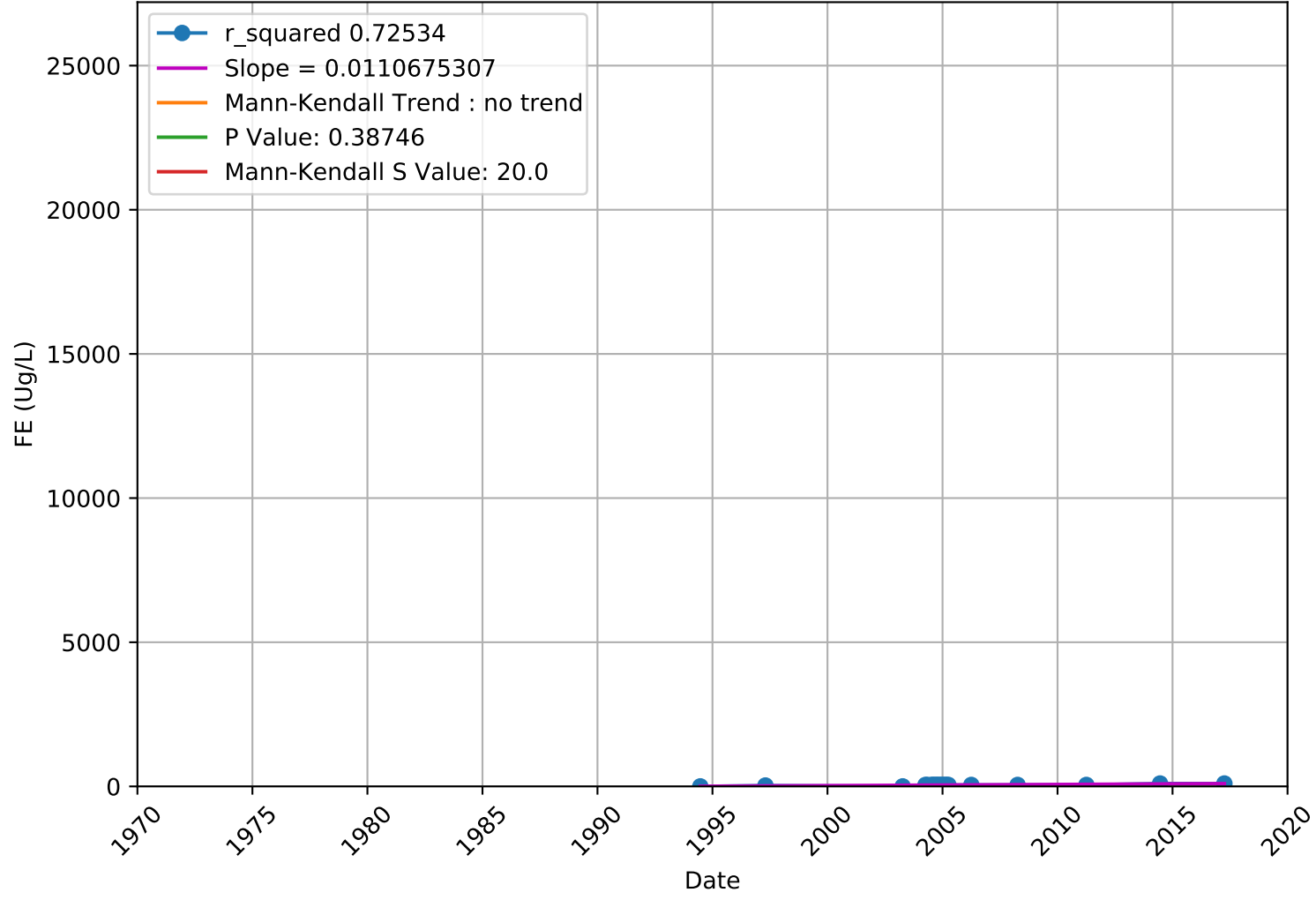
Iron 3910015-006 - Upper Aquifer



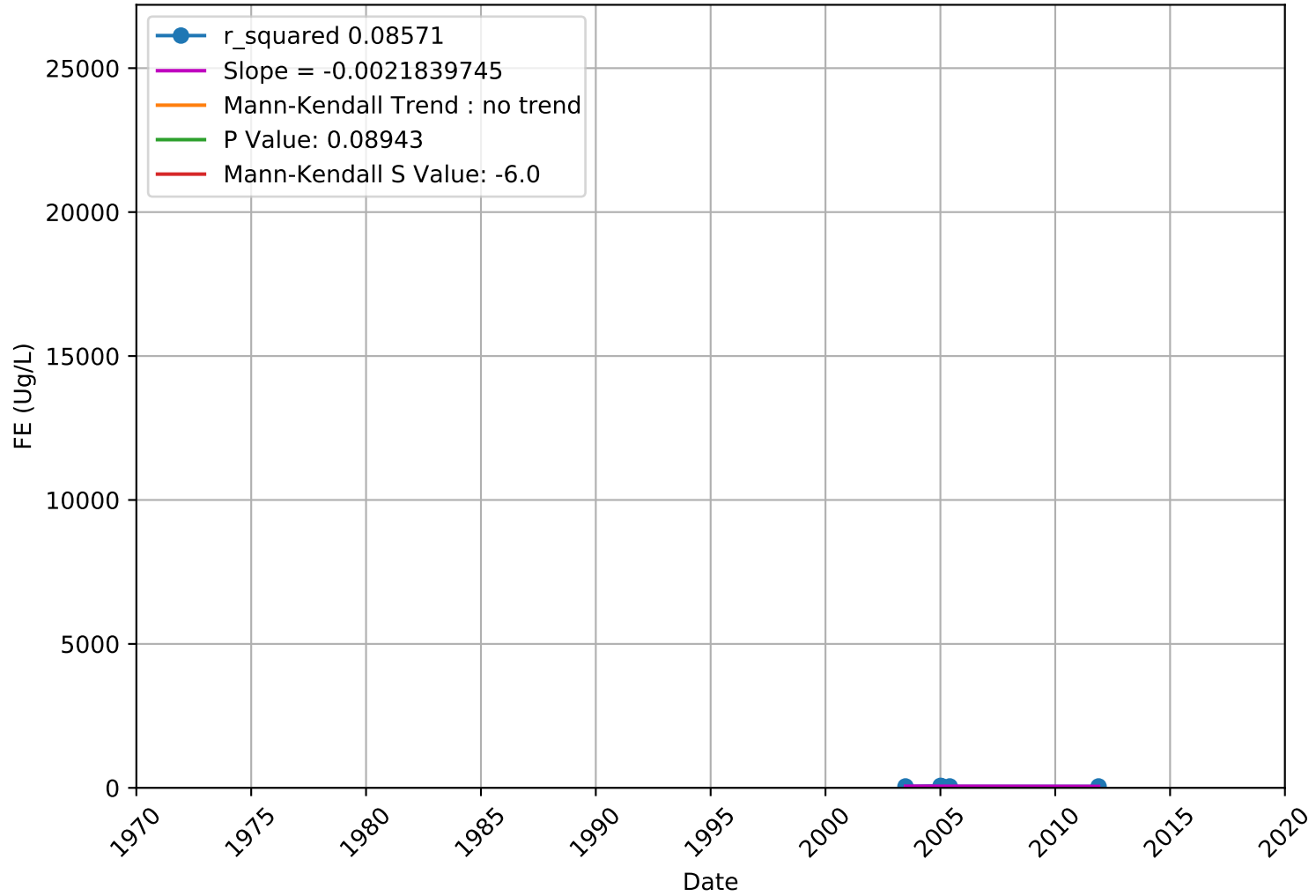
Iron 3910015-007 - Upper Aquifer



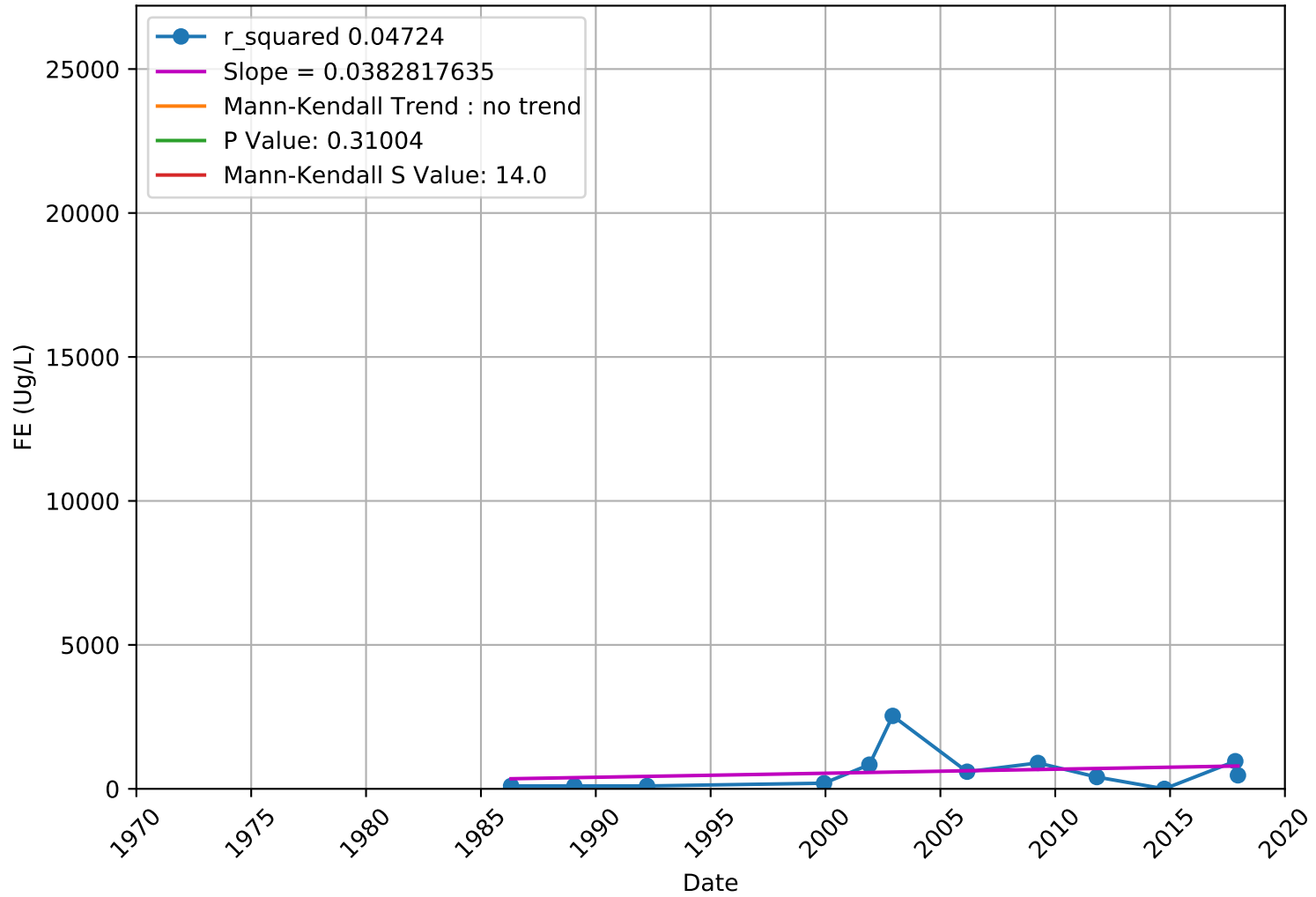
Iron 3910015-008 - Upper Aquifer



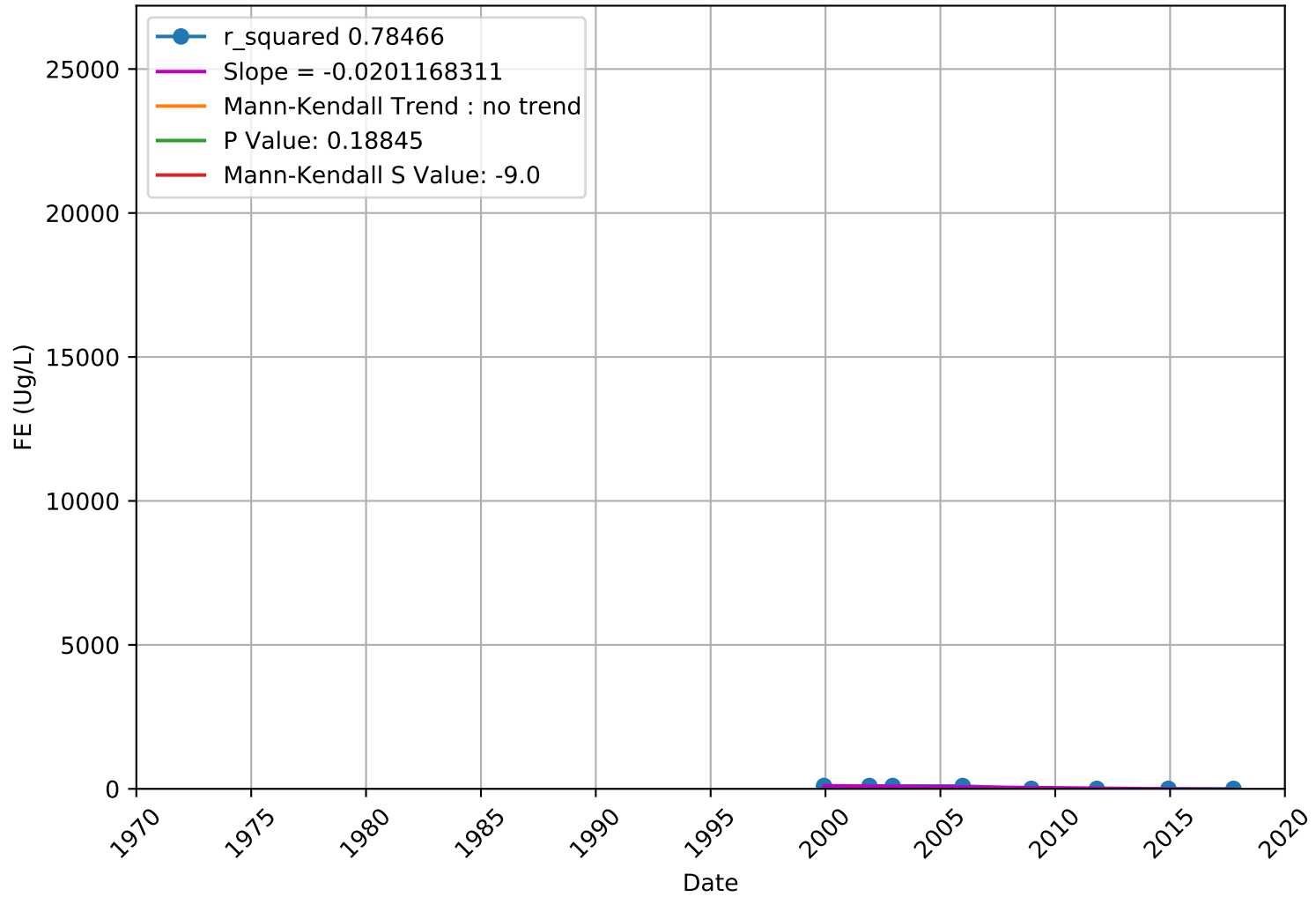
Iron 3910015-013 - Unknown Aquifer



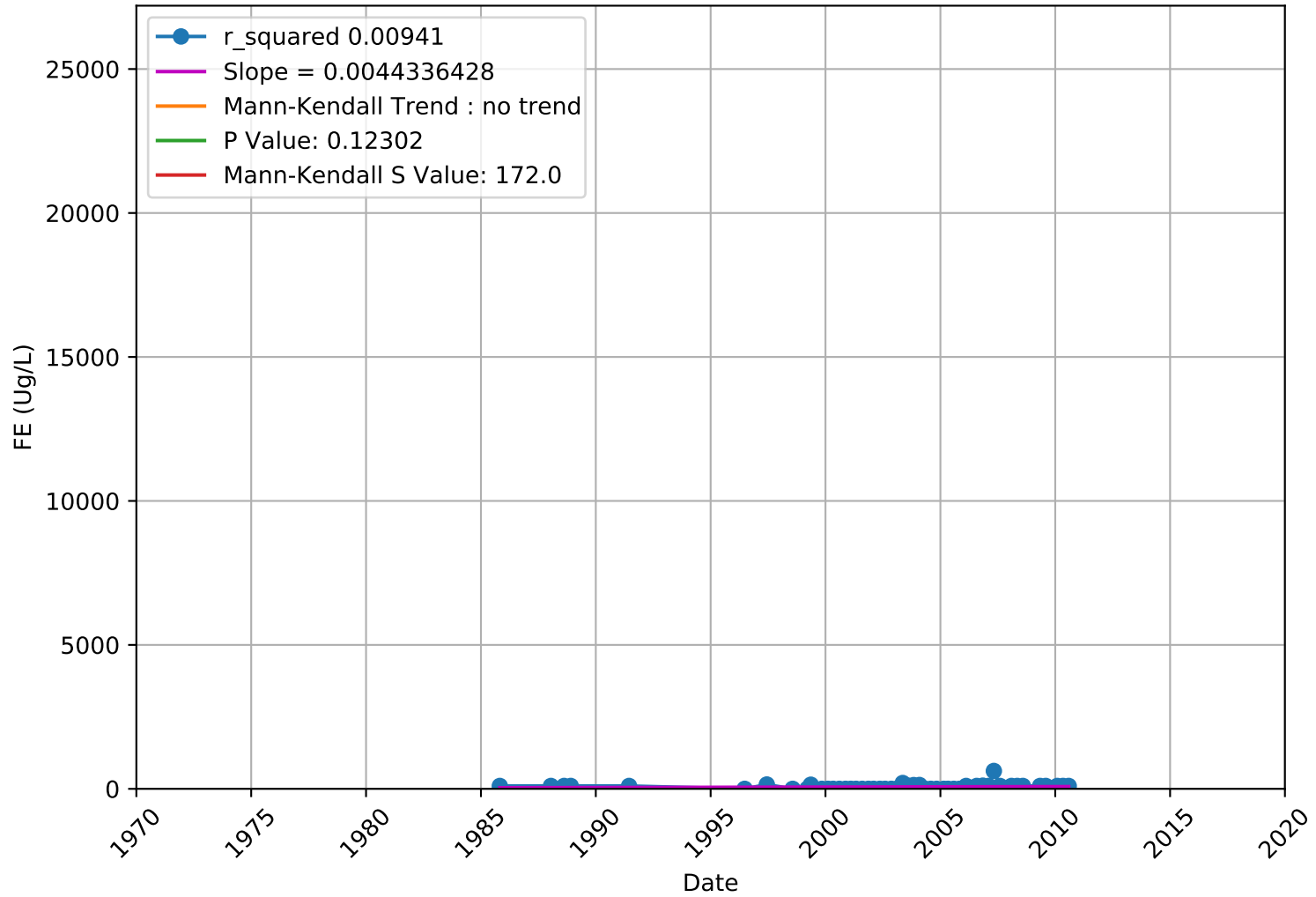
Iron 3910018-001 - Unknown Aquifer



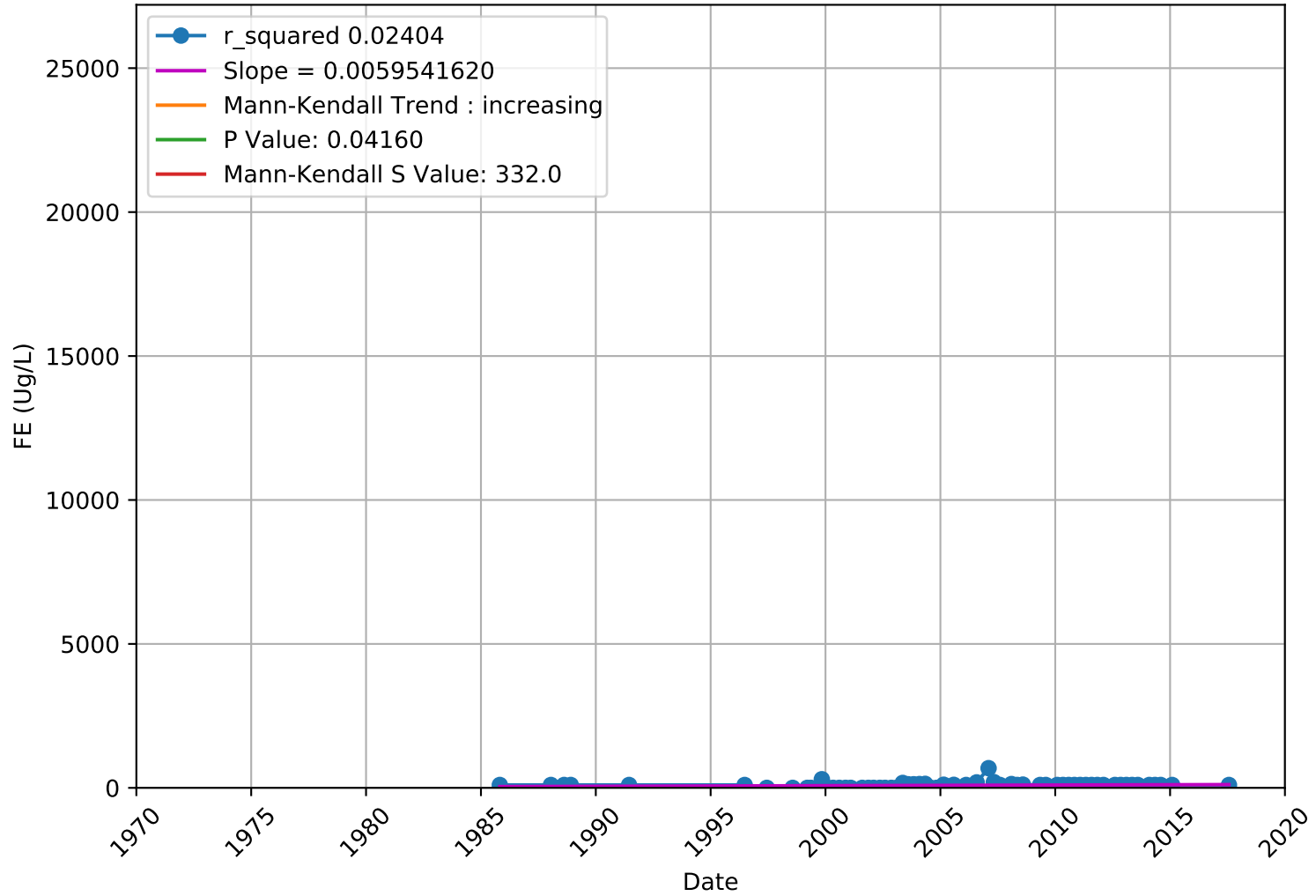
Iron 3910018-004 - Unknown Aquifer



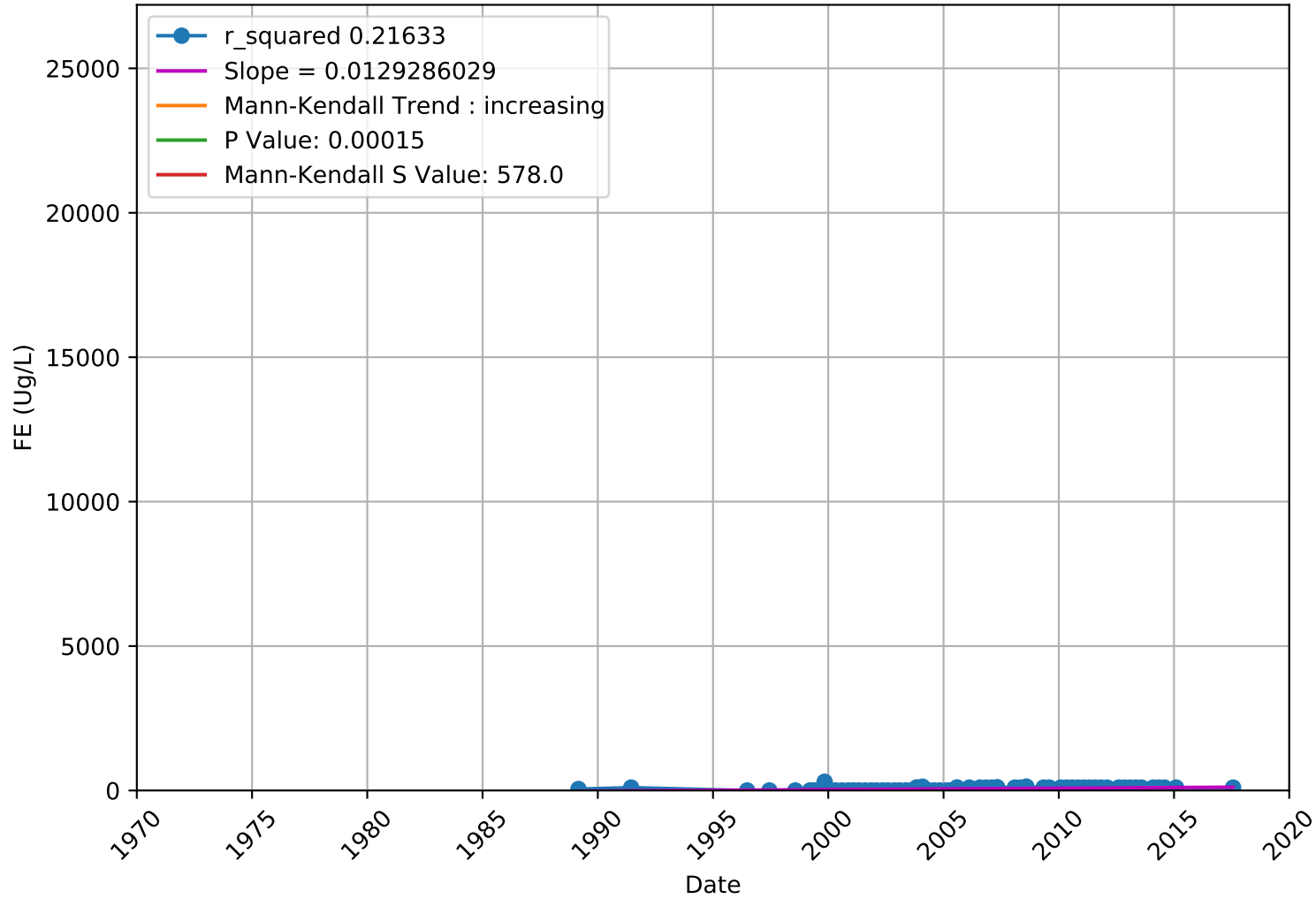
Iron 3910701-001 - Unknown Aquifer



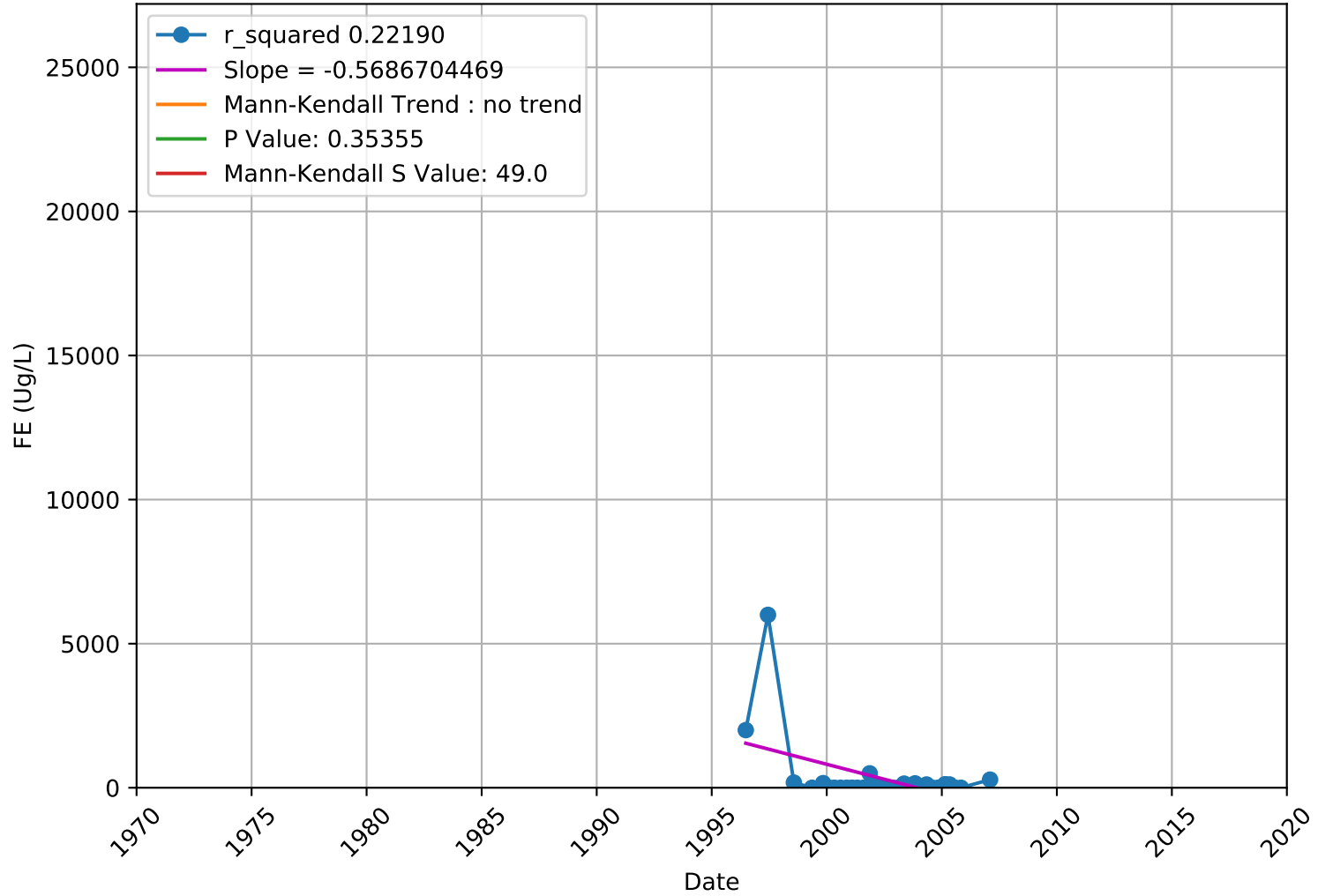
Iron 3910701-003 - Unknown Aquifer



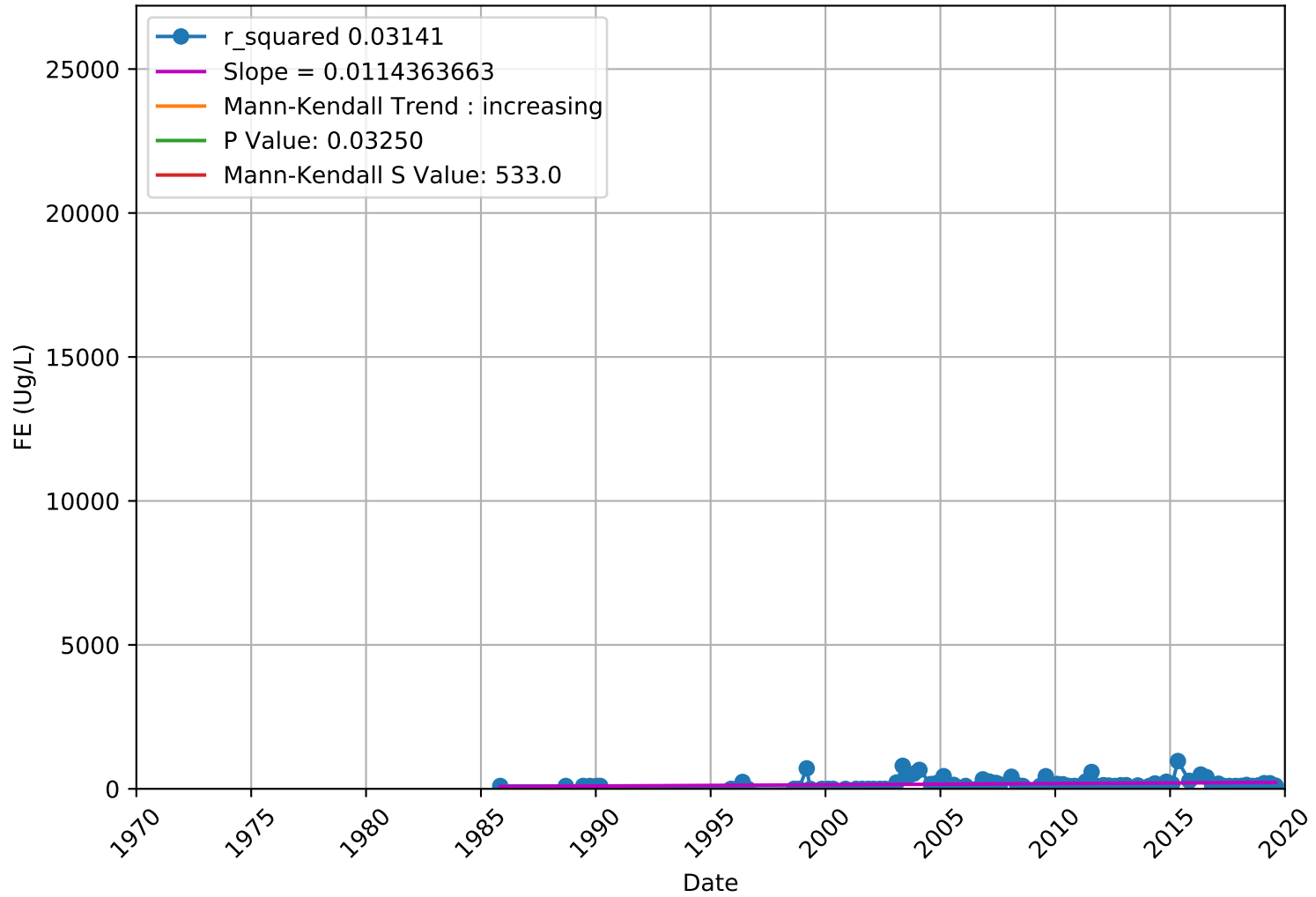
Iron 3910701-005 - Unknown Aquifer



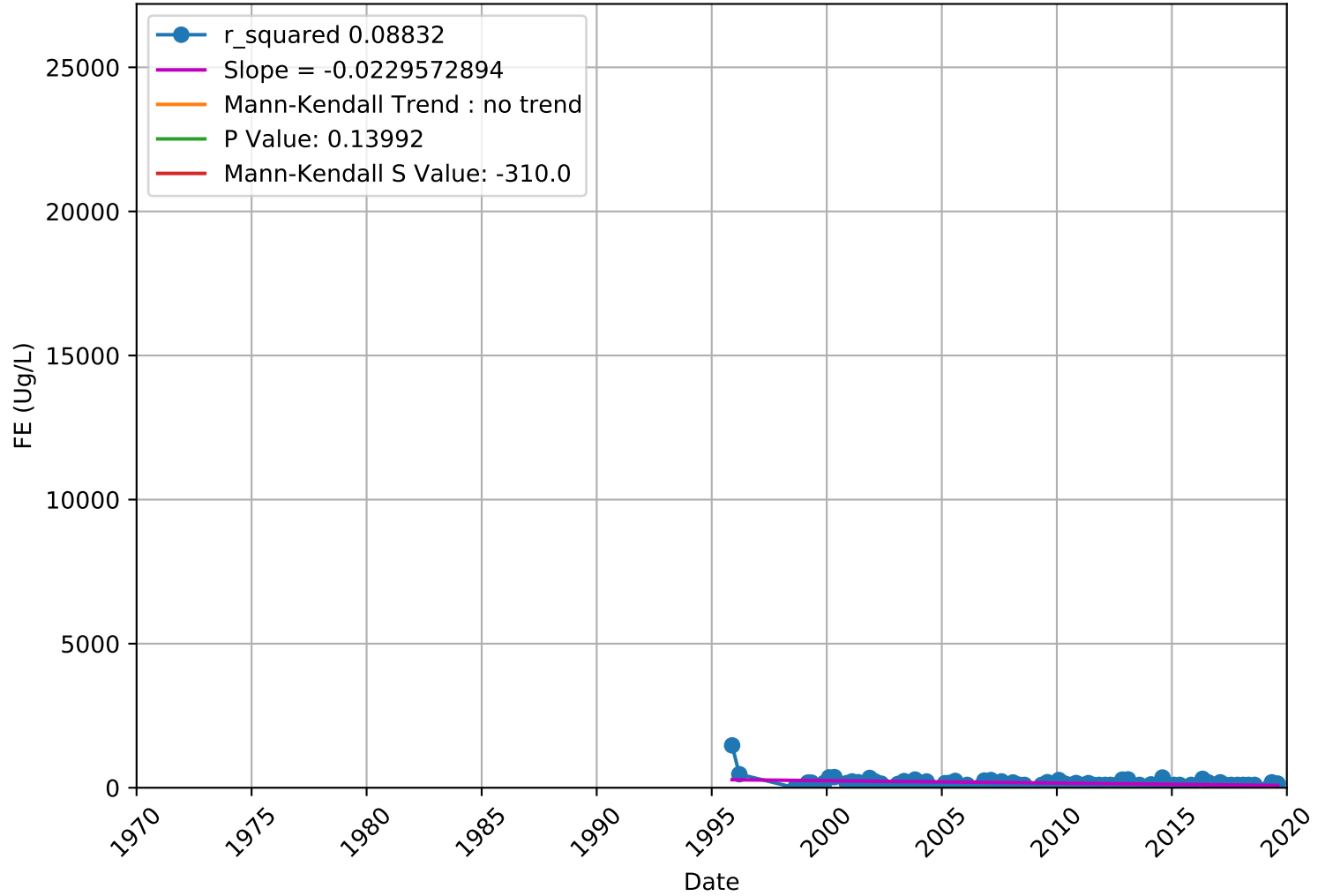
Iron 3910701-007 - Unknown Aquifer



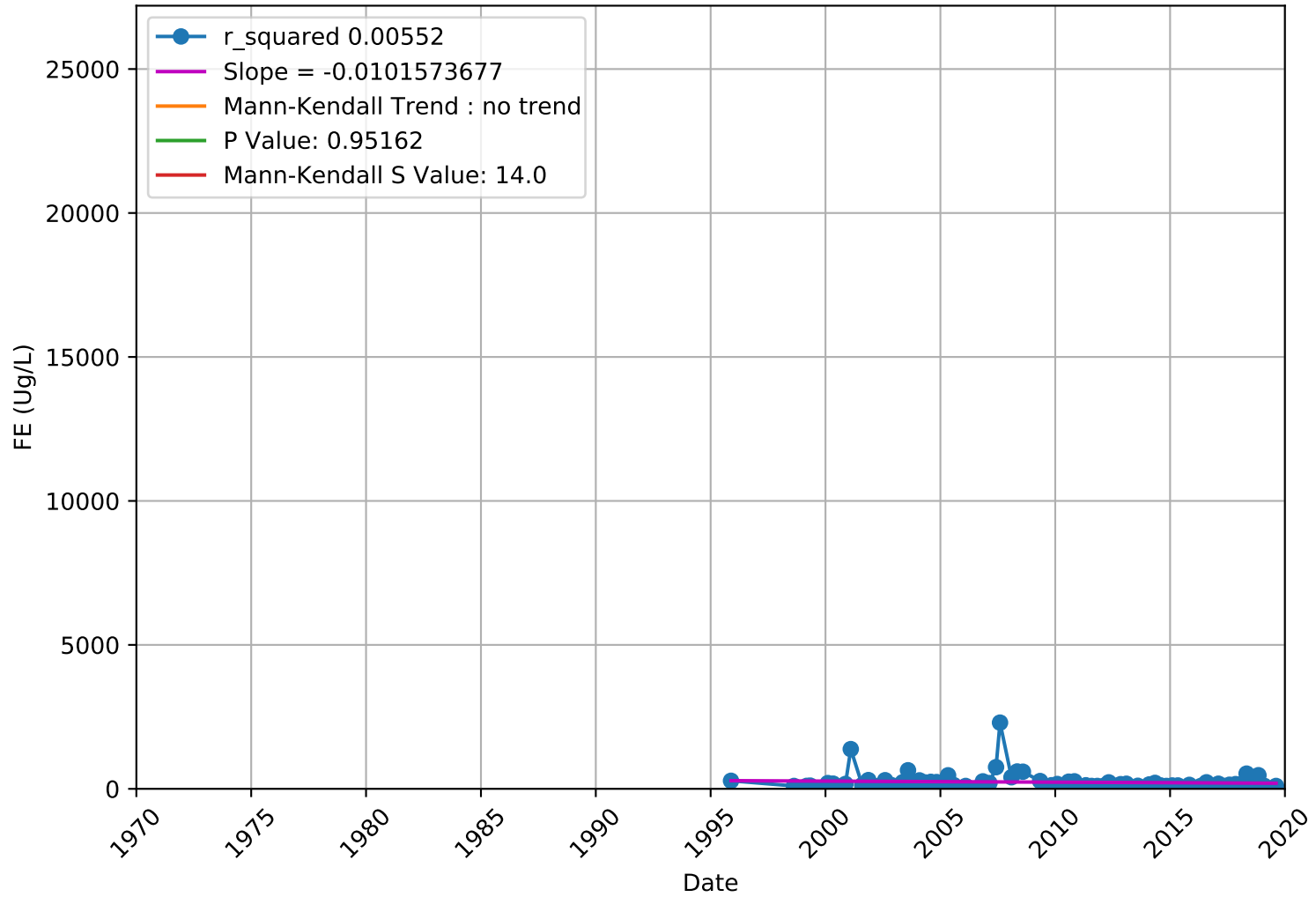
Iron 3910702-003 - Unknown Aquifer



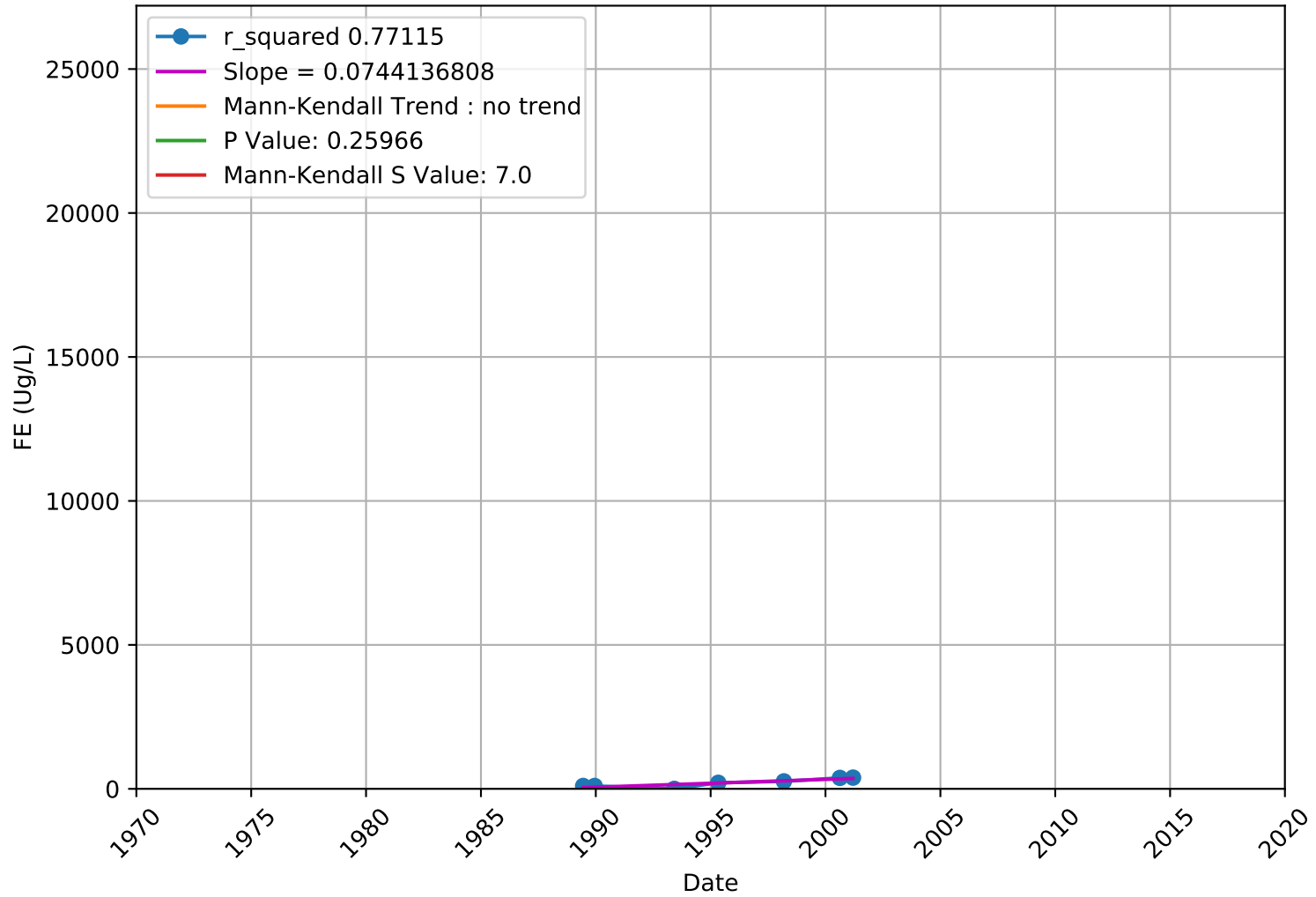
Iron 3910702-005 - Unknown Aquifer



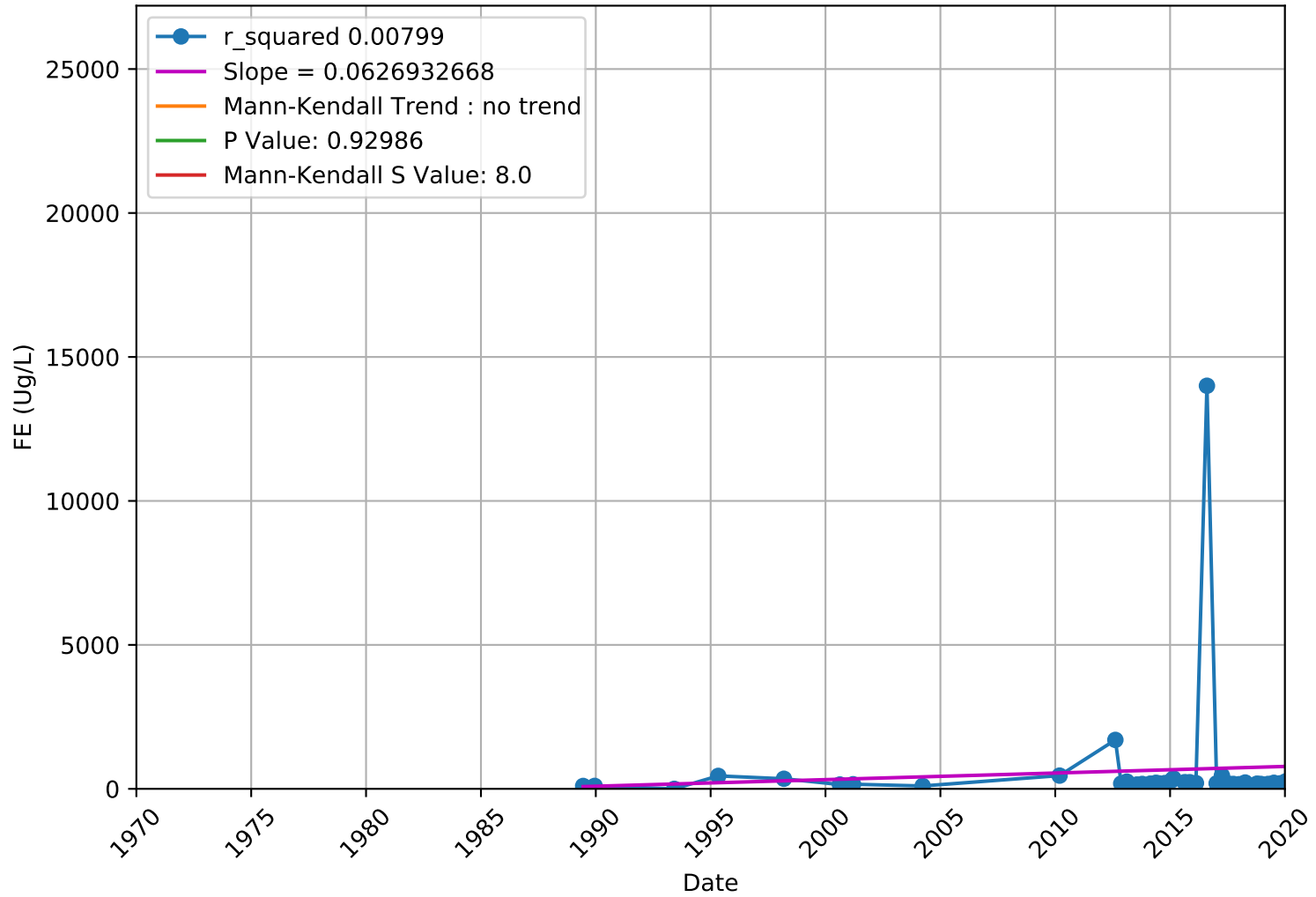
Iron 3910702-006 - Unknown Aquifer



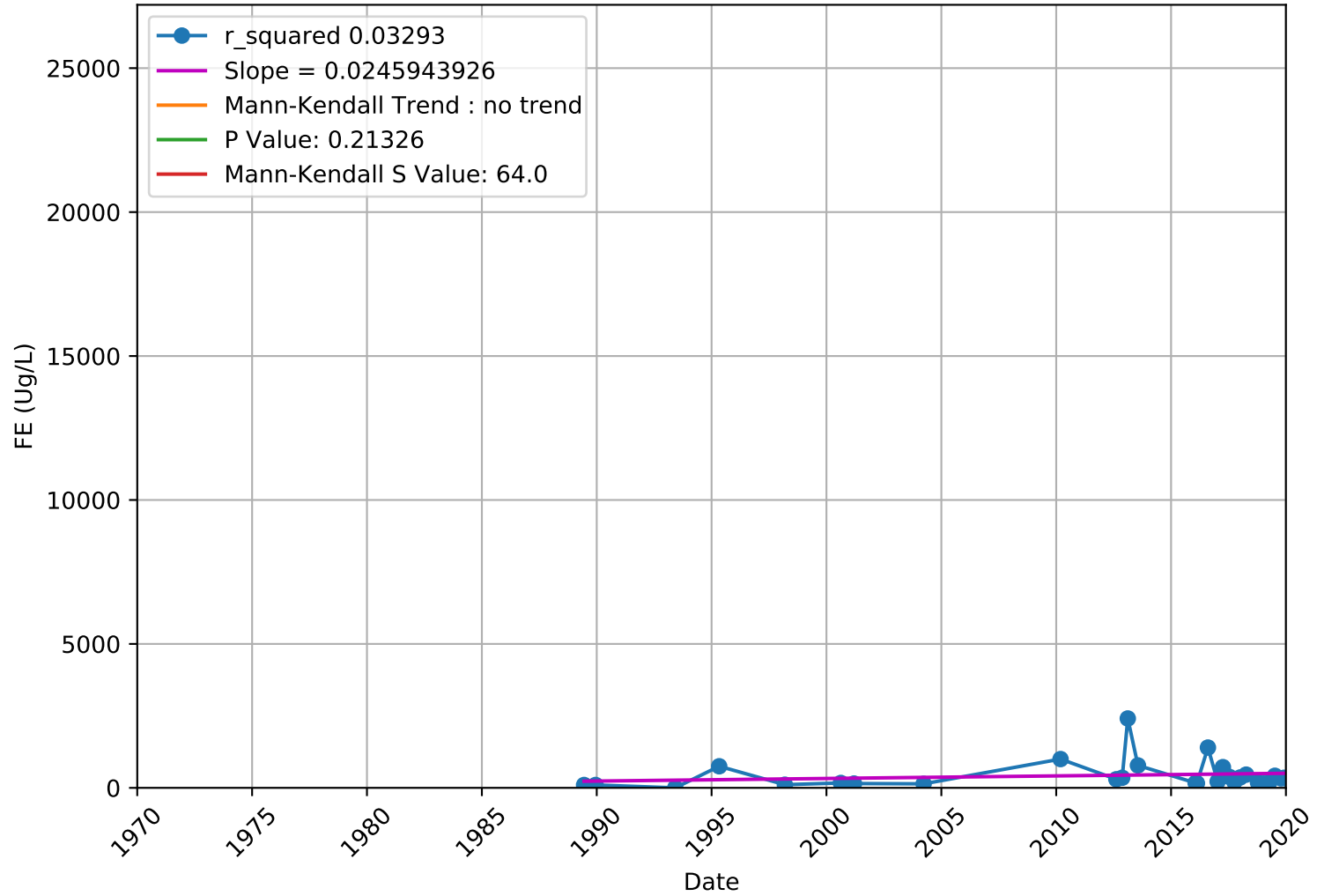
Iron 3910800-001 - Unknown Aquifer



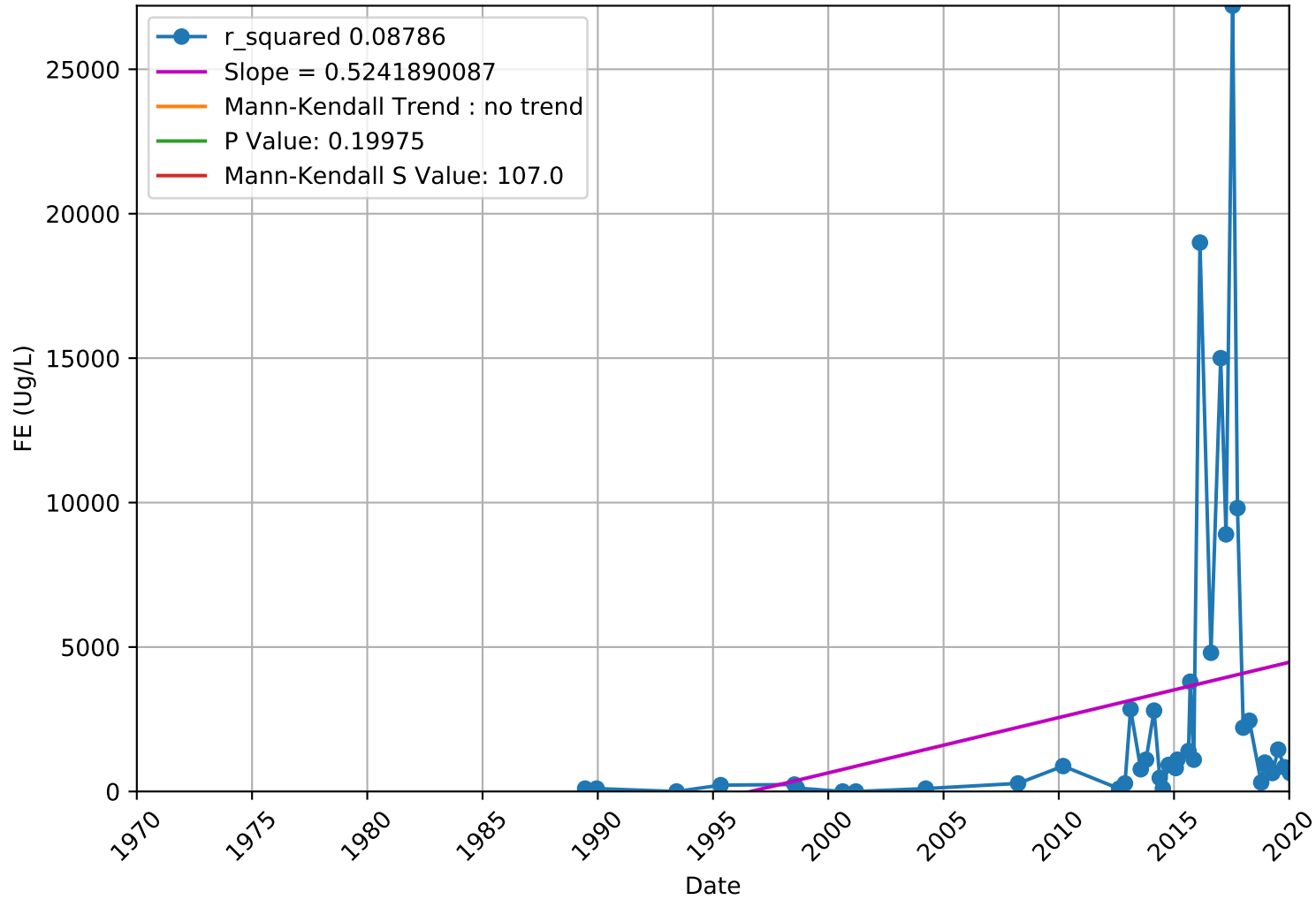
Iron 3910800-002 - Unknown Aquifer



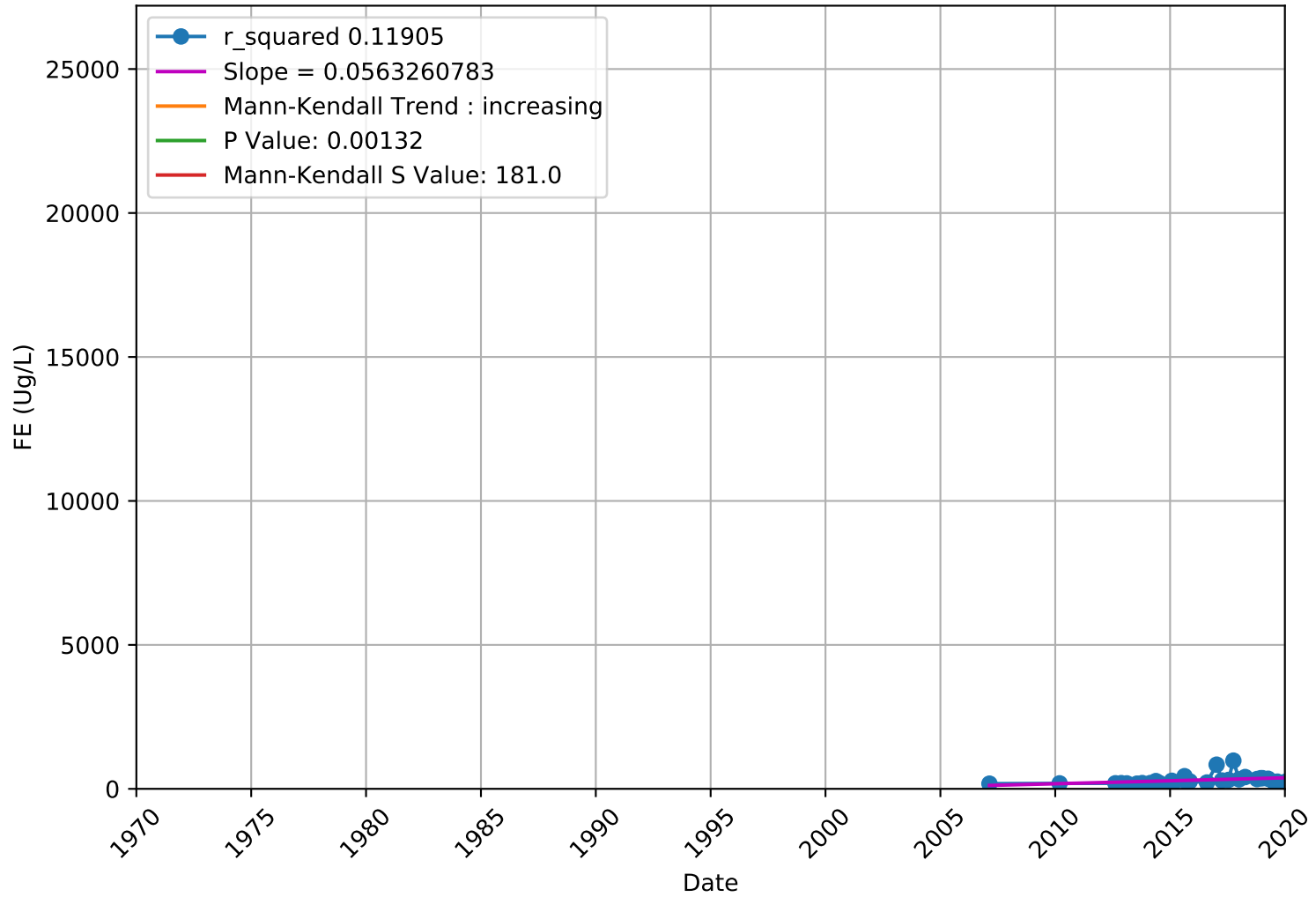
Iron 3910800-003 - Unknown Aquifer



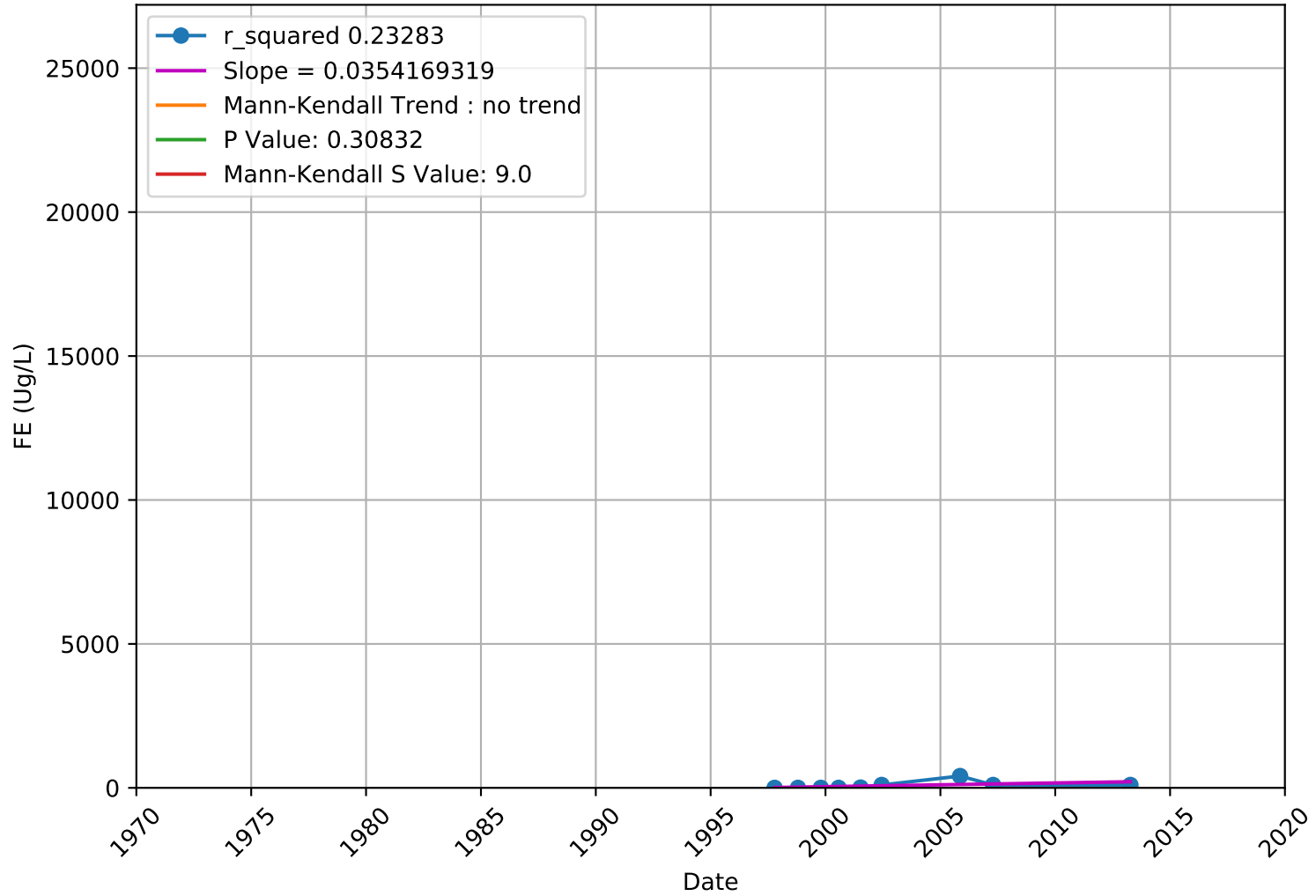
Iron 3910800-004 - Unknown Aquifer



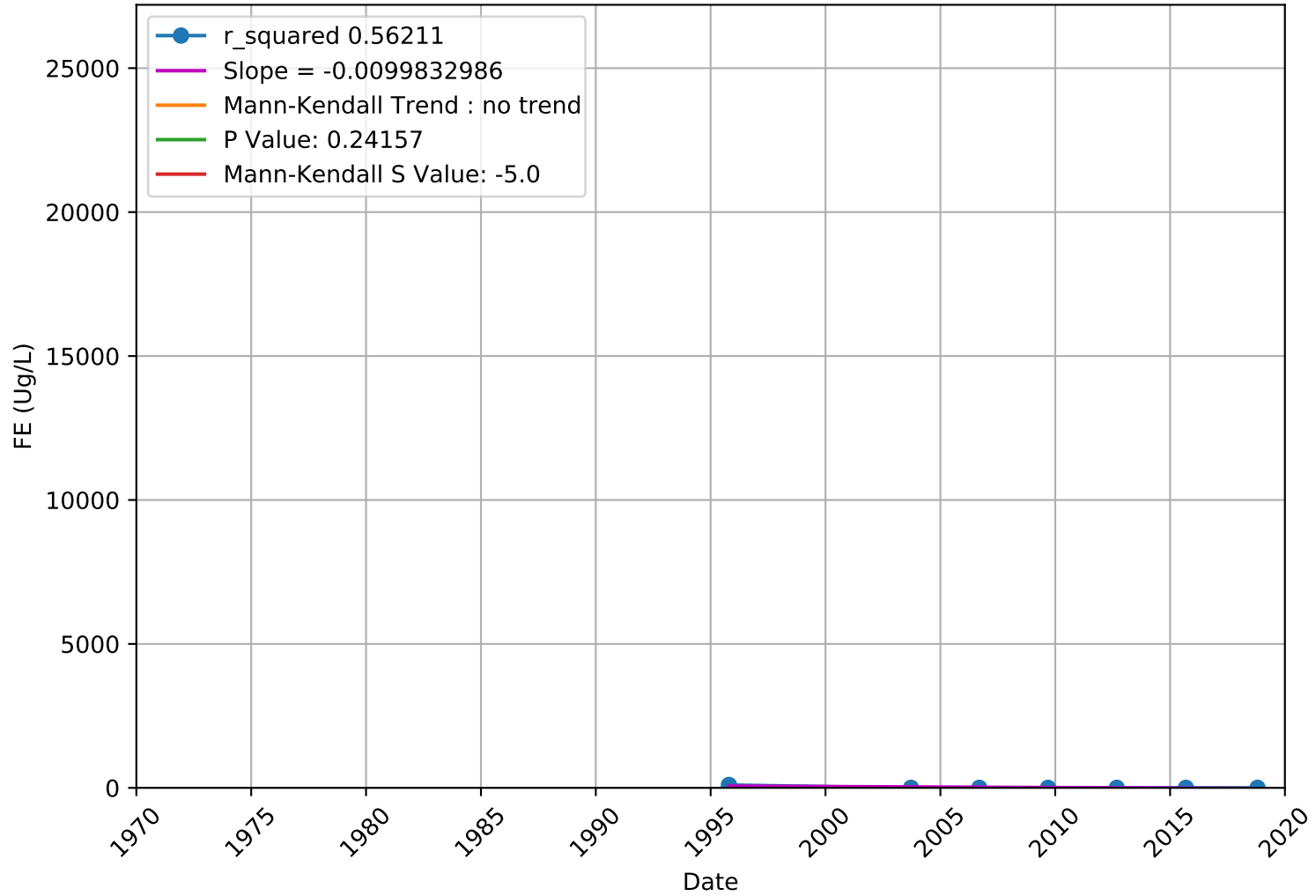
Iron 3910800-006 - Unknown Aquifer



Iron 4110013-014 - Unknown Aquifer



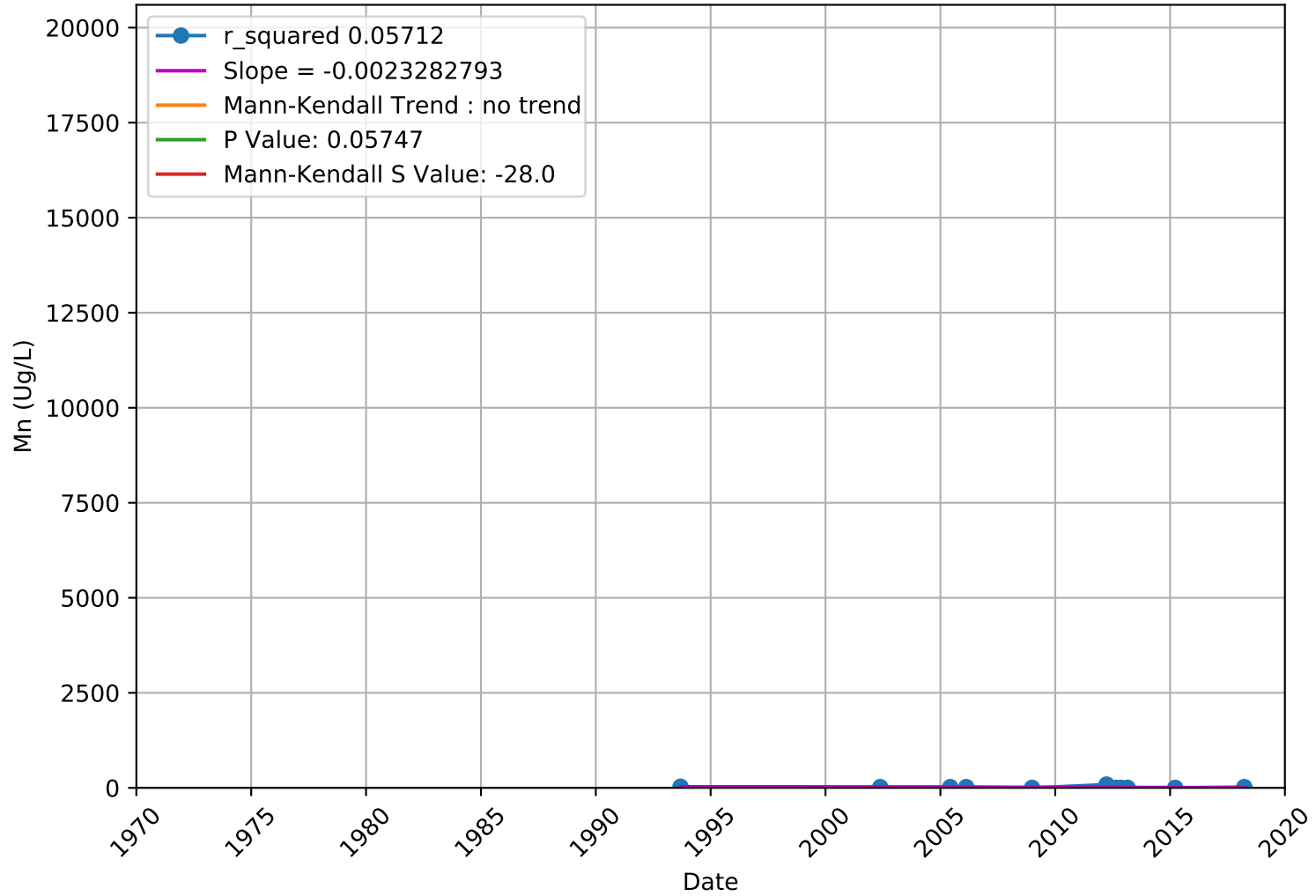
Iron 4300611-002 - Unknown Aquifer



Manganese

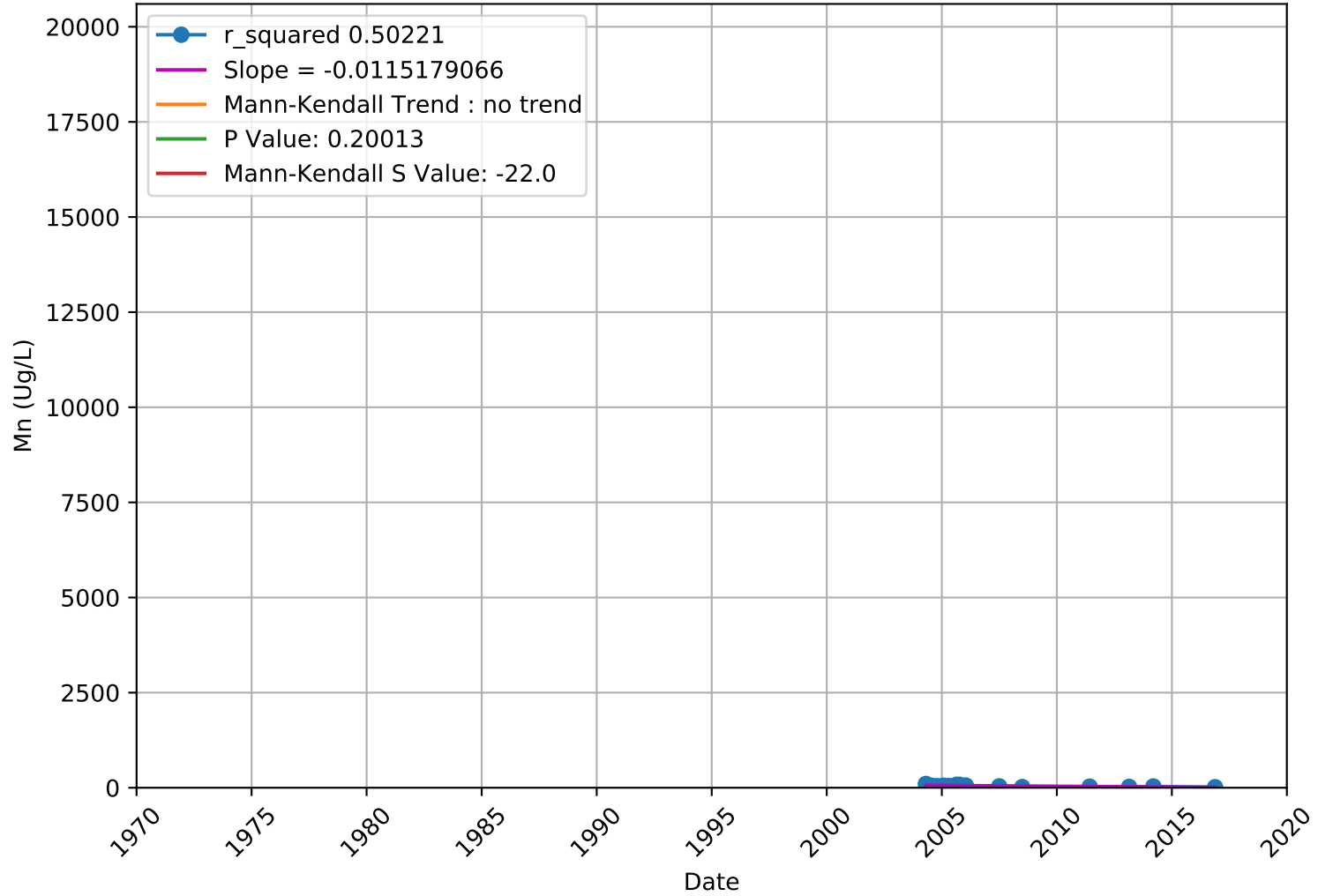
WellName	Latitude_NAD83	Longitude_NAD83	chemical	h	p	s	tau	trend	var_s	z	PRINCIPAL_AQUIFER
3910011-007	37.714471	-121.426009	MN	FALSE	0.076	18	0.5	no trend	92	1.772	Unknown
3910011-010	37.736372	-121.435351	MN	FALSE	0.62	12	0.1	no trend	493.333	0.495	Unknown
3910702-003	37.705557	-121.39764	MN	TRUE	0	1150	0.364	increasing	49767.33	5.15	Unknown
3910701-003	37.85144	-121.2682	MN	TRUE	0	580	0.297	increasing	25158	3.65	Unknown
3910701-001	37.849584	-121.268763	MN	TRUE	0.015	270	0.22	increasing	12328.67	2.423	Unknown
3910011-017	37.738215	-121.419962	MN	FALSE	0.13	-7	-0.7	no trend	15.667	-1.516	Unknown
3910018-001	37.679751	-121.272617	MN	TRUE	0.032	-25	-0.556	decreasing	125	-2.147	Unknown
4300611-002	37.994444	-121.499722	MN	FALSE	0.133	-9	-0.6	no trend	28.333	-1.503	Unknown
3901010-001	38.037472	-121.494583	MN	FALSE	1	0	0	no trend	16.667	0	Unknown
3910015-005	37.816859	-121.266705	MN	FALSE	0.653	-17	-0.067	no trend	1265	-0.45	Upper
3910011-003	37.683959	-121.439427	MN	TRUE	0	186	0.428	increasing	2641.333	3.6	Lower
3910800-002	37.744188	-121.32701	MN	FALSE	0.063	149	0.212	no trend	6327	1.861	Unknown
3910800-003	37.74545	-121.32897	MN	FALSE	0.055	98	0.259	no trend	2562	1.916	Unknown
3910800-001	37.744746	-121.327221	MN	FALSE	0.26	7	0.467	no trend	28.333	1.127	Unknown
3910800-004	37.74591	-121.336213	MN	FALSE	0.077	147	0.198	no trend	6833.667	1.766	Unknown
3100014-001	37.716956	-121.379533	MN	FALSE	0.057	-28	-0.424	no trend	202	-1.9	Unknown
3910701-005	37.851301	-121.2673	MN	TRUE	0	763	0.417	increasing	22732.33	5.054	Unknown
3910011-004	37.682308	-121.436988	MN	TRUE	0.004	105	0.38	increasing	1312.333	2.871	Lower
3910011-006	37.686539	-121.443515	MN	TRUE	0.019	91	0.28	increasing	1460.333	2.355	Lower
3910011-005	37.683353	-121.443313	MN	TRUE	0	200	0.403	increasing	3000.667	3.633	Lower
3910015-006	37.818884	-121.266416	MN	FALSE	0.516	22	0.095	no trend	1044	0.65	Upper
3910015-007	37.811547	-121.263915	MN	FALSE	0.689	21	0.056	no trend	2493	0.401	Upper
3910015-008	37.801132	-121.262514	MN	TRUE	0.002	82	0.48	increasing	692	3.079	Upper
3910011-018	37.743262	-121.424805	MN	TRUE	0.018	94	0.313	increasing	1555.333	2.358	Lower
3910018-004	37.679705	-121.272761	MN	FALSE	0.188	-9	-0.429	no trend	37	-1.315	Unknown
3910701-007	37.851431	-121.265247	MN	TRUE	0.023	-122	-0.3	decreasing	2842	-2.27	Unknown
3910702-006	37.709972	-121.390802	MN	TRUE	0.013	-533	-0.197	decreasing	45917	-2.483	Unknown
3910702-005	37.708149	-121.393881	MN	FALSE	0.771	-62	-0.024	no trend	44088	-0.291	Unknown
4110013-014	37.7	-121.466667	MN	TRUE	0.022	19	0.679	increasing	61.667	2.292	Unknown
3900991-001	37.743544	-121.461428	MN	FALSE	0.794	-2	-0.2	no trend	14.667	-0.261	Unknown
3910011-030	37.740208	-121.439285	MN	TRUE	0.005	175	0.353	increasing	3801.667	2.822	Lower
3901348-002	37.702894	-121.406986	MN	FALSE	0.794	2	0.2	no trend	14.667	0.261	Unknown
3900589-001	37.783862	-121.305584	MN	FALSE	0.108	-14	-0.5	no trend	65.333	-1.608	Unknown
3900713-001	37.84	-121.44	MN	FALSE	0.276	15	0.273	no trend	165	1.09	Unknown
3901172-002	37.636324	-121.399544	MN	FALSE	0.289	4	0.4	no trend	8	1.061	Unknown
3901172-003	37.632289	-121.39736	MN	FALSE	0.1	9	0.6	no trend	23.667	1.644	Unknown
3900702-001	37.990639	-121.407056	MN	TRUE	0.049	-23	-0.511	decreasing	125	-1.968	Unknown
3900583-001	37.84	-121.44	MN	FALSE	0.107	-19	-0.422	no trend	125	-1.61	Unknown
3901348-001	37.708679	-121.412023	MN	FALSE	1	1	0.022	no trend	125	0	Unknown
3901216-002	37.74753	-121.516649	MN	FALSE	1	-1	-0.067	no trend	28.333	0	Unknown
3900559-001	37.79	-121.38	MN	FALSE	0.47	-3	-0.5	no trend	7.667	-0.722	Unknown
3900558-002	37.79	-121.4	MN	FALSE	0.844	-12	-0.028	no trend	3140.667	-0.196	Unknown
3900616-002	37.988607	-121.404525	MN	FALSE	0.806	-2	-0.2	no trend	16.667	-0.245	Unknown
3910011-034	37.752802	-121.434603	MN	TRUE	0.01	106	0.302	increasing	1667.333	2.571	Lower
3910011-032	37.754682	-121.465249	MN	TRUE	0.002	109	0.363	increasing	1199.667	3.118	Lower
3901348-003	37.698742	-121.409917	MN	FALSE	0.211	6	0.286	no trend	16	1.25	Unknown
3901348-004	37.698147	-121.416153	MN	FALSE	0.411	5	0.333	no trend	23.667	0.822	Unknown
3910015-013	37.792108	-121.274608	MN	FALSE	0.074	21	0.467	no trend	125	1.789	Unknown
377427N1213943W002	37.742656	-121.394318	MN	FALSE	0.092	-35	-0.333	no trend	408.333	-1.683	Lower
377427N1213943W001	37.742656	-121.394318	MN	FALSE	0.092	-35	-0.333	no trend	408.333	-1.683	Lower
377427N1213943W003	37.742656	-121.394318	MN	FALSE	0.276	-23	-0.219	no trend	408.333	-1.089	Lower
377402N1214508W001	37.740187	-121.450762	MN	FALSE	0.921	3	0.029	no trend	406.333	0.099	Lower
377143N1214459W002	37.714305	-121.445905	MN	FALSE	0.092	-35	-0.333	no trend	408.333	-1.683	Lower
377143N1214459W003	37.714305	-121.445905	MN	FALSE	0.322	21	0.2	no trend	408.333	0.99	Lower
377402N1214508W003	37.740187	-121.450762	MN	FALSE	0.373	-19	-0.181	no trend	408.333	-0.891	Lower
377402N1214508W002	37.740187	-121.450762	MN	FALSE	0.457	-16	-0.152	no trend	407.333	-0.743	Lower
377143N1214459W001	37.714305	-121.445905	MN	FALSE	0.138	-31	-0.295	no trend	408.333	-1.485	Lower
377656N1214199W001	37.765631	-121.41992	MN	FALSE	0.193	-20	-0.303	no trend	212.667	-1.303	Lower
377656N1214199W002	37.765631	-121.41992	MN	FALSE	0.371	-11	-0.244	no trend	125	-0.894	Lower
377656N1214199W003	37.765631	-121.41992	MN	FALSE	0.177	-23	-0.295	no trend	265	-1.351	Lower
377149N1214257W003	37.714872	-121.425674	MN	FALSE	0.115	-24	-0.364	no trend	212.667	-1.577	Lower
377149N1214257W002	37.714872	-121.425674	MN	FALSE	0.783	-5	-0.076	no trend	211.667	-0.275	Lower
377149N1214257W001	37.714872	-121.425674	MN	FALSE	0.085	-29	-0.372	no trend	265	-1.72	Lower
377031N1214485W002	37.703055	-121.448544	MN	TRUE	0.044	-34	-0.436	decreasing	268.667	-2.013	Lower
377031N1214485W001	37.703055	-121.448544	MN	FALSE	0.2	-22	-0.282	no trend	268.667	-1.281	Lower
377031N1214485W003	37.703055	-121.448544	MN	FALSE	0.127	-26	-0.333	no trend	268.667	-1.525	Lower
3910005-044	37.782808	-121.300937	MN	FALSE	0.525	-8	-0.178	no trend	121.333	-0.635	Unknown
3910800-006	37.744722	-121.329167	MN	TRUE	0.034	114	0.281	increasing	2842	2.12	Unknown

Manganese 3100014-001 - Unknown Aquifer



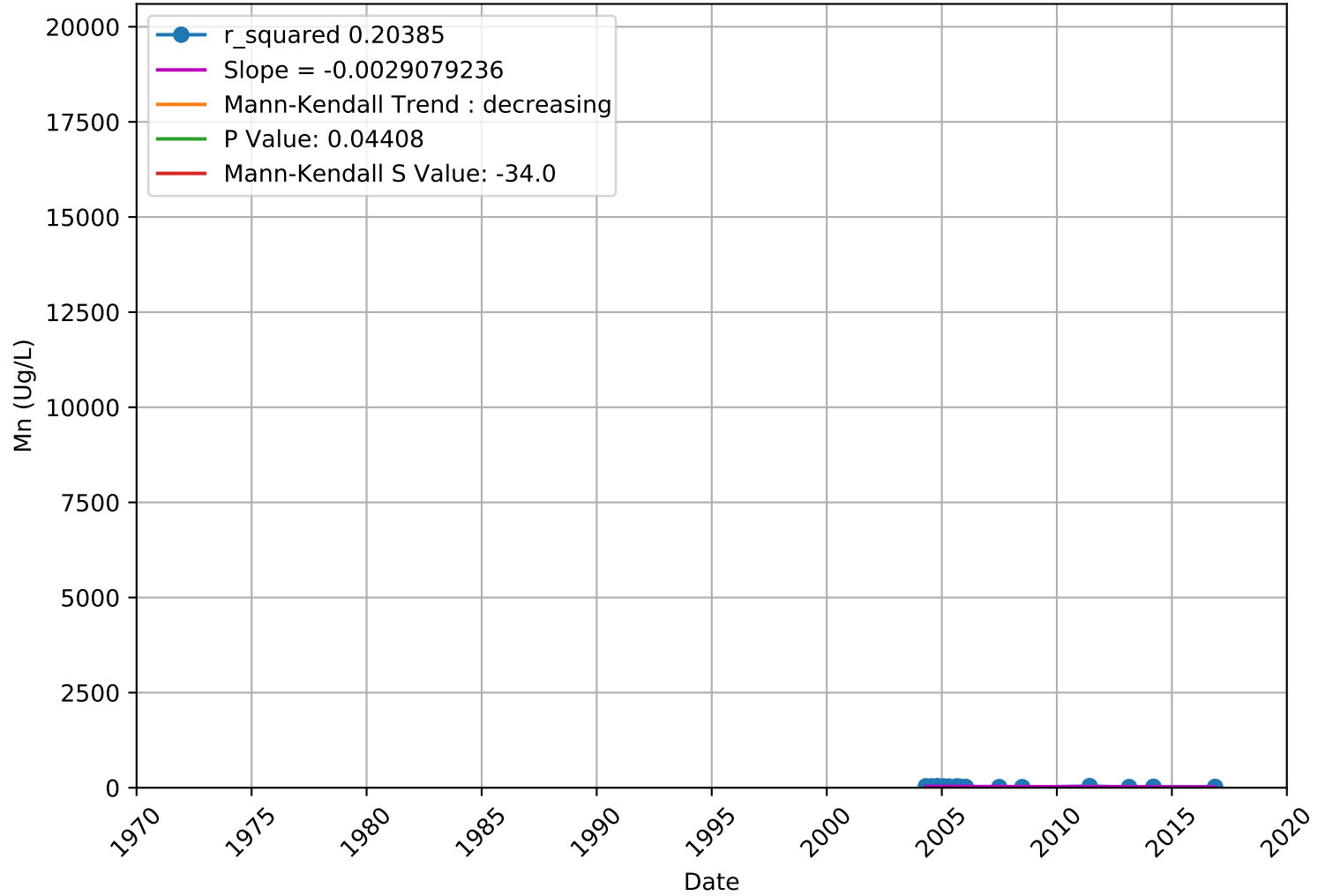
Manganese

377031N1214485W001 - Lower Aquifer



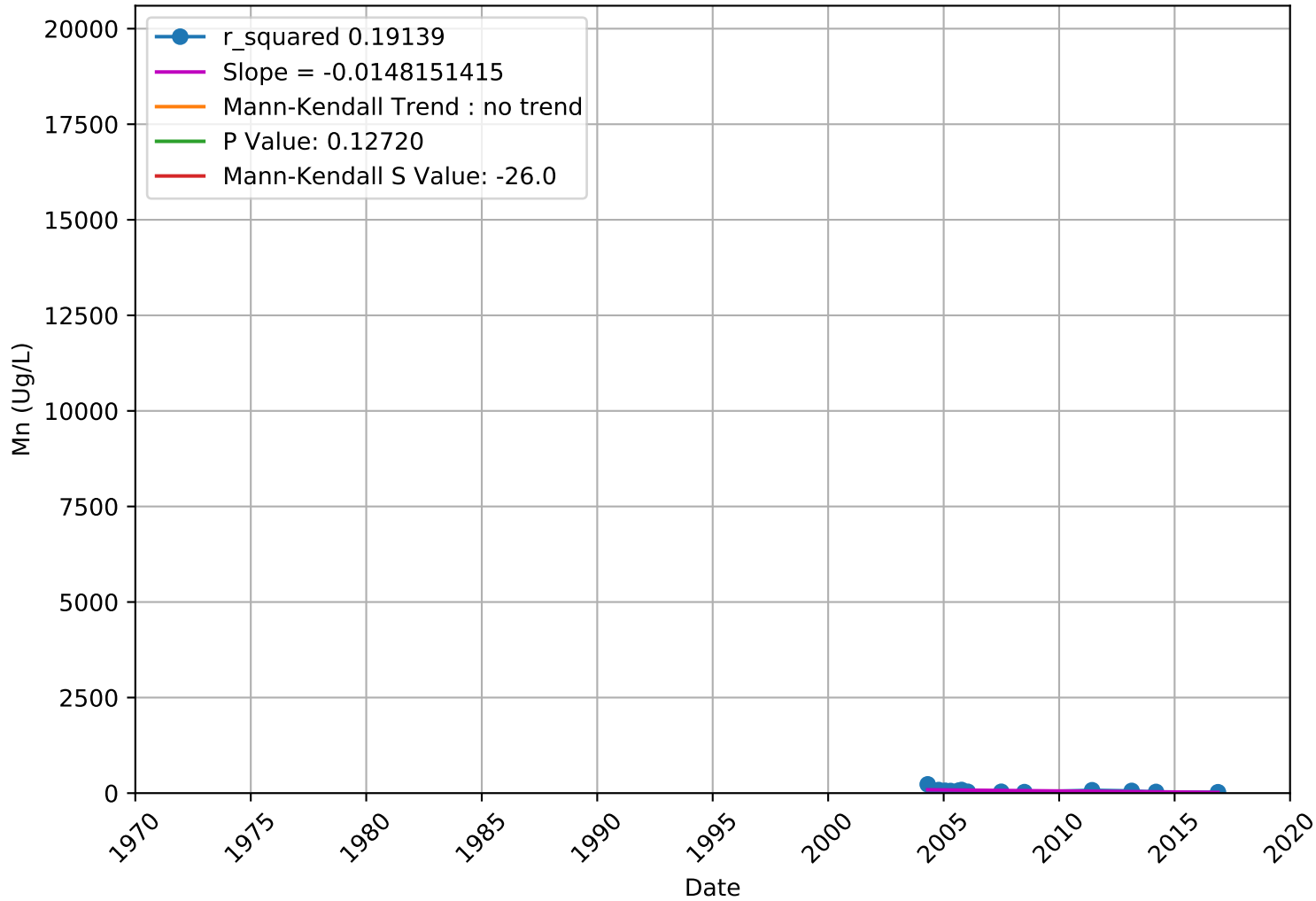
Manganese

377031N1214485W002 - Lower Aquifer



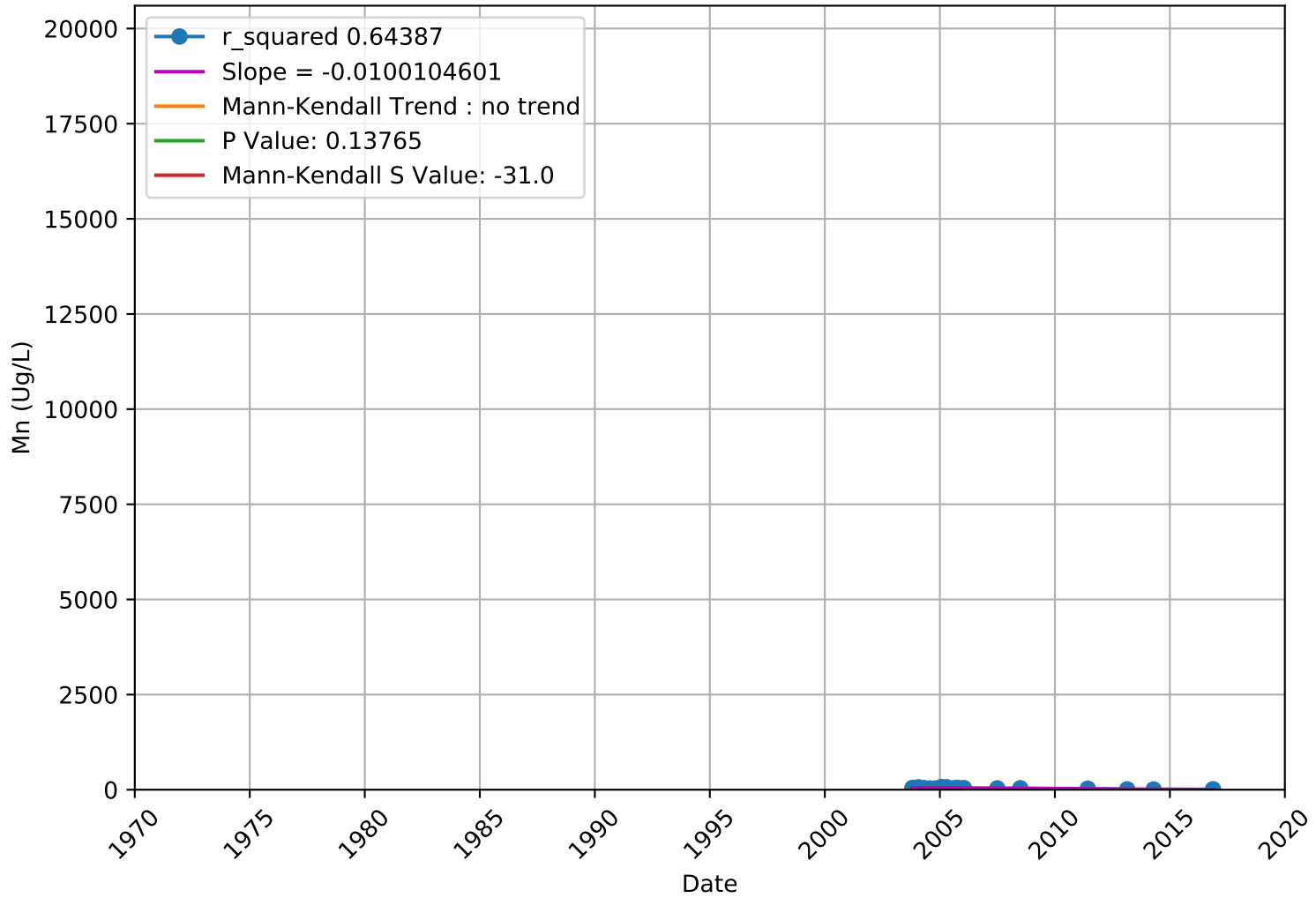
Manganese

377031N1214485W003 - Lower Aquifer



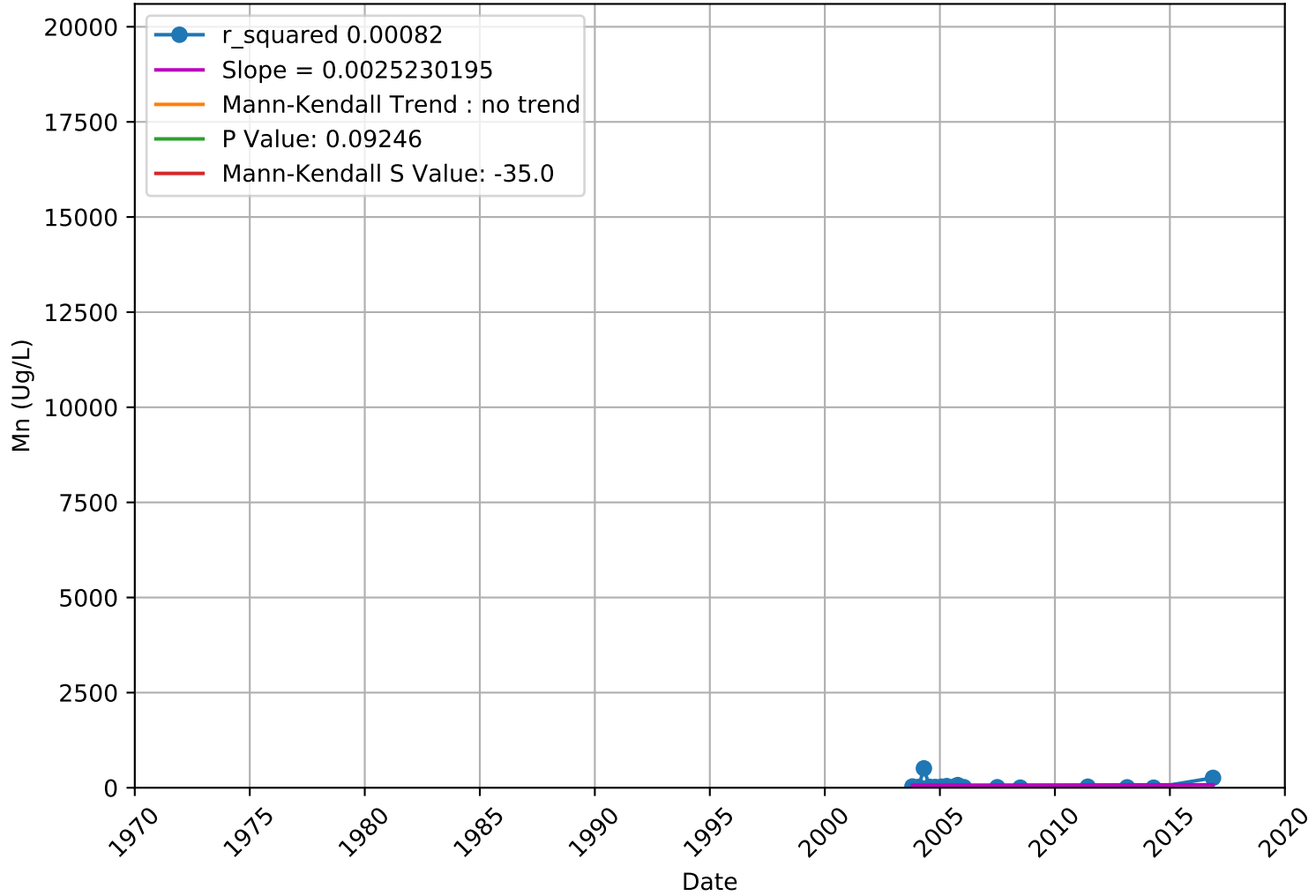
Manganese

377143N1214459W001 - Lower Aquifer



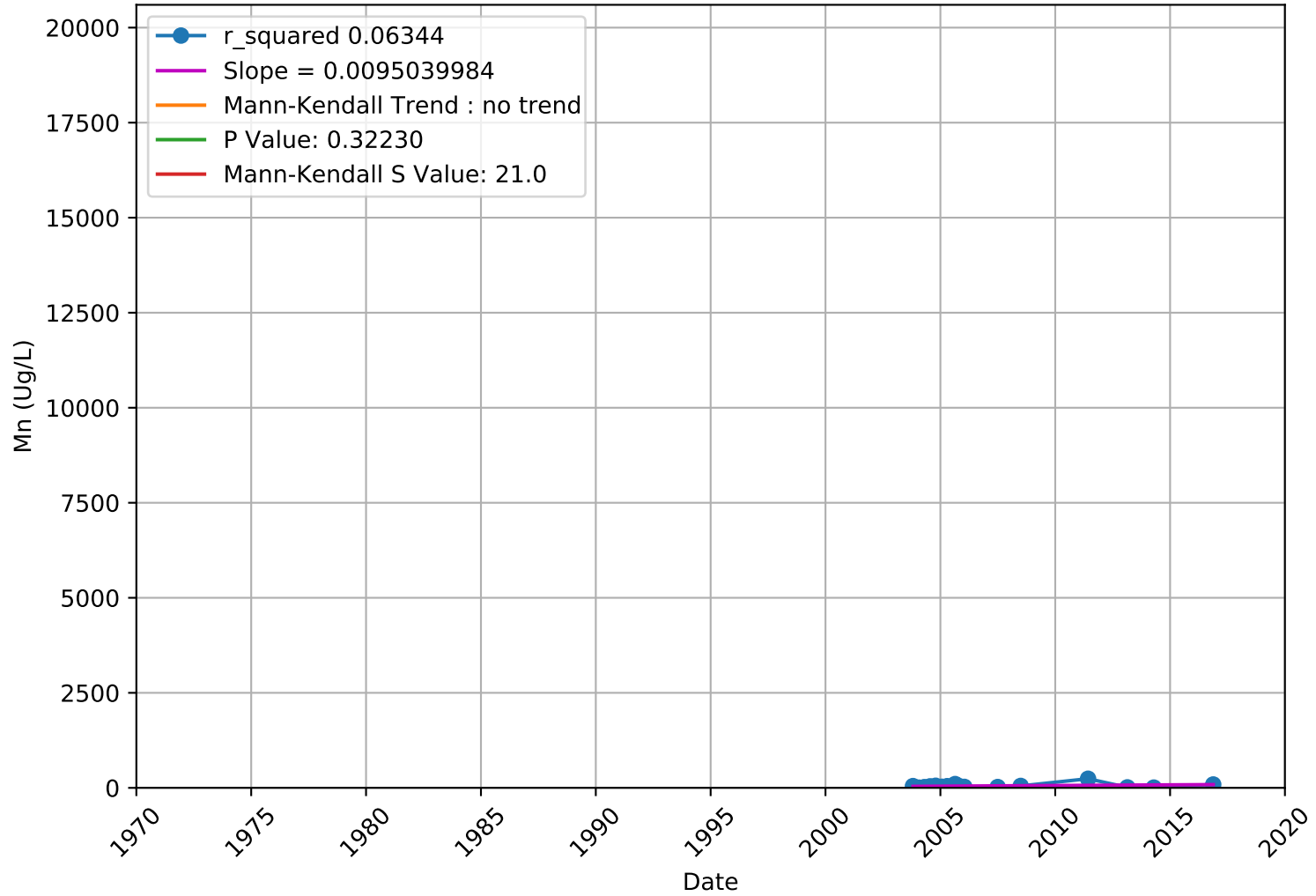
Manganese

377143N1214459W002 - Lower Aquifer



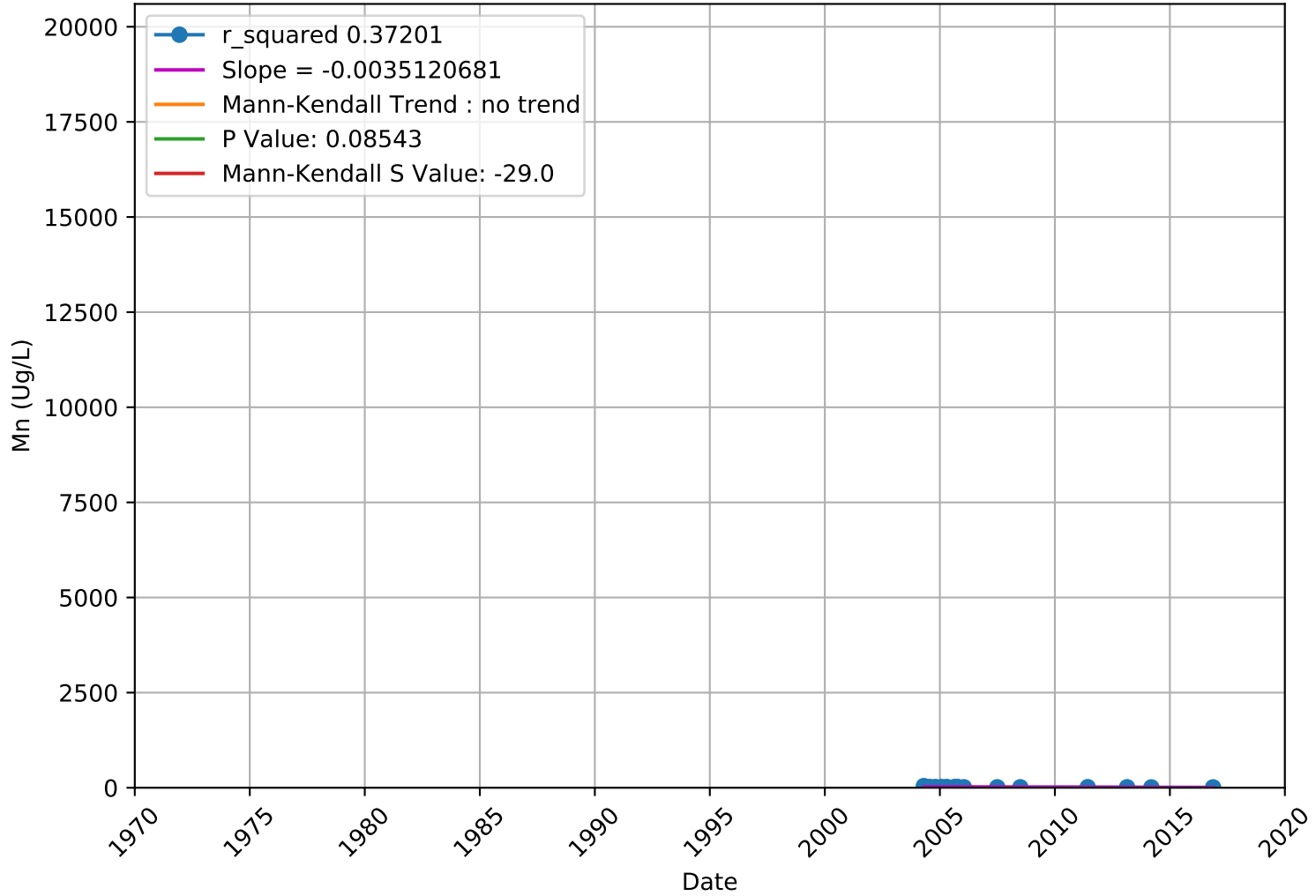
Manganese

377143N1214459W003 - Lower Aquifer



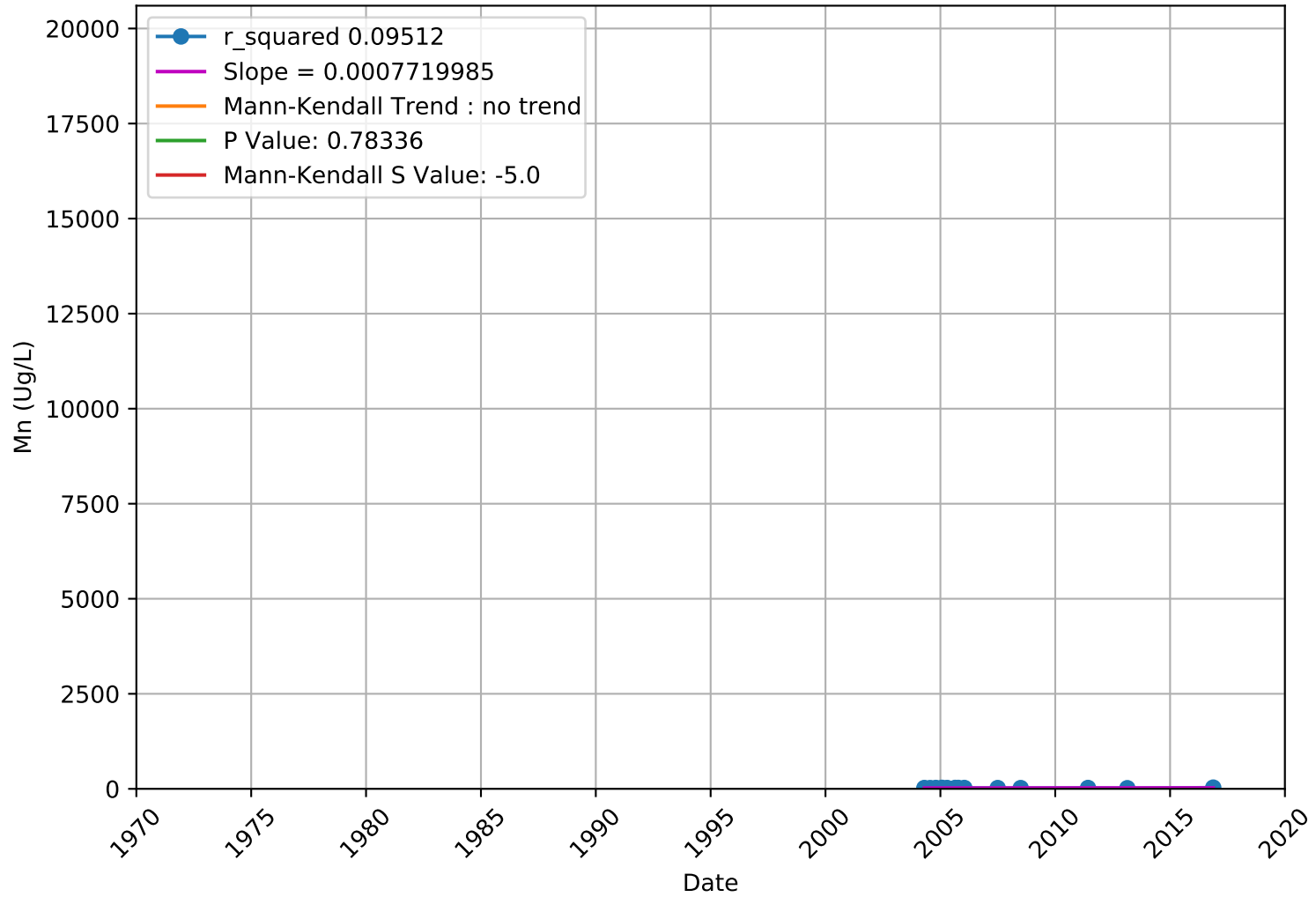
Manganese

377149N1214257W001 - Lower Aquifer



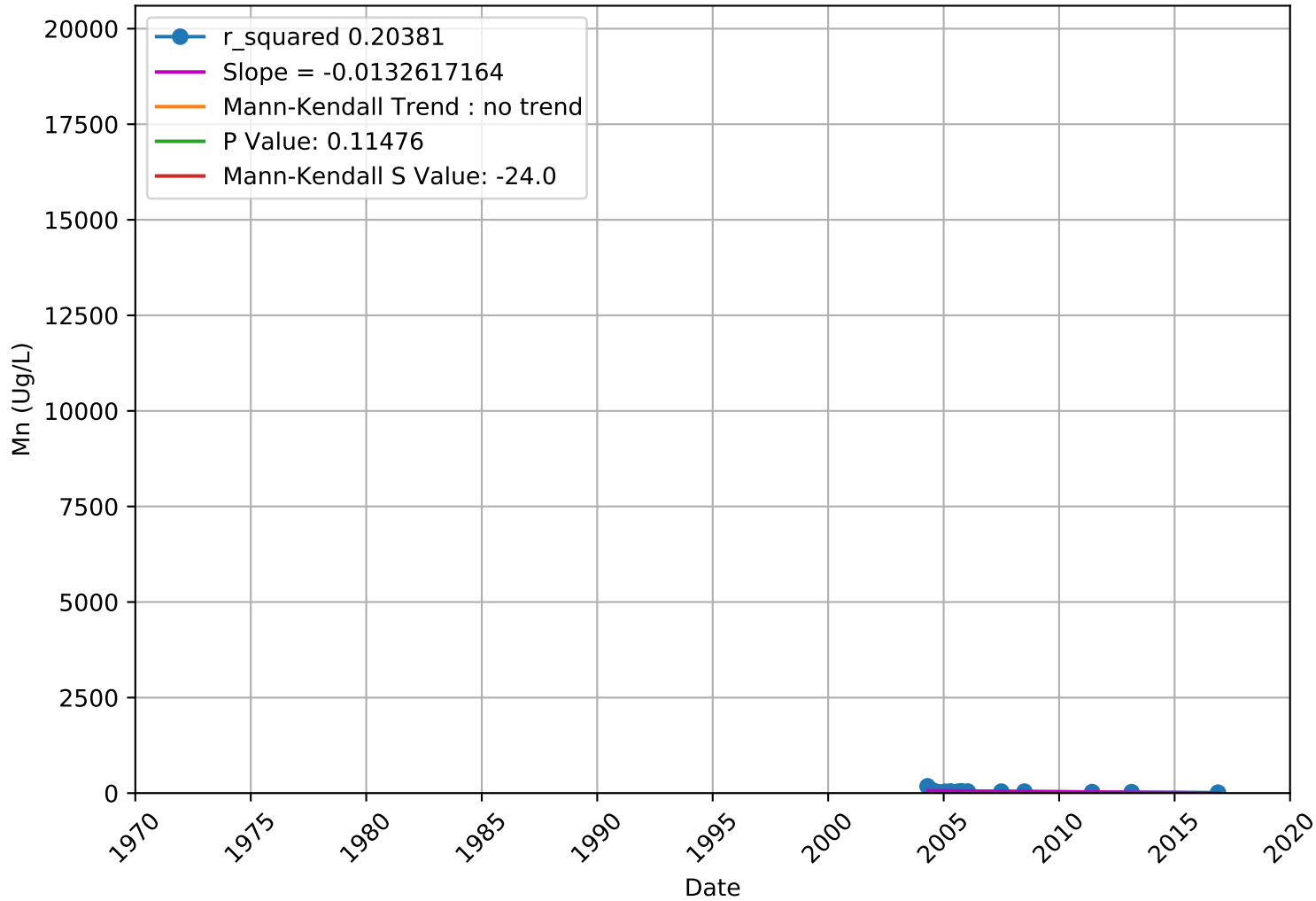
Manganese

377149N1214257W002 - Lower Aquifer



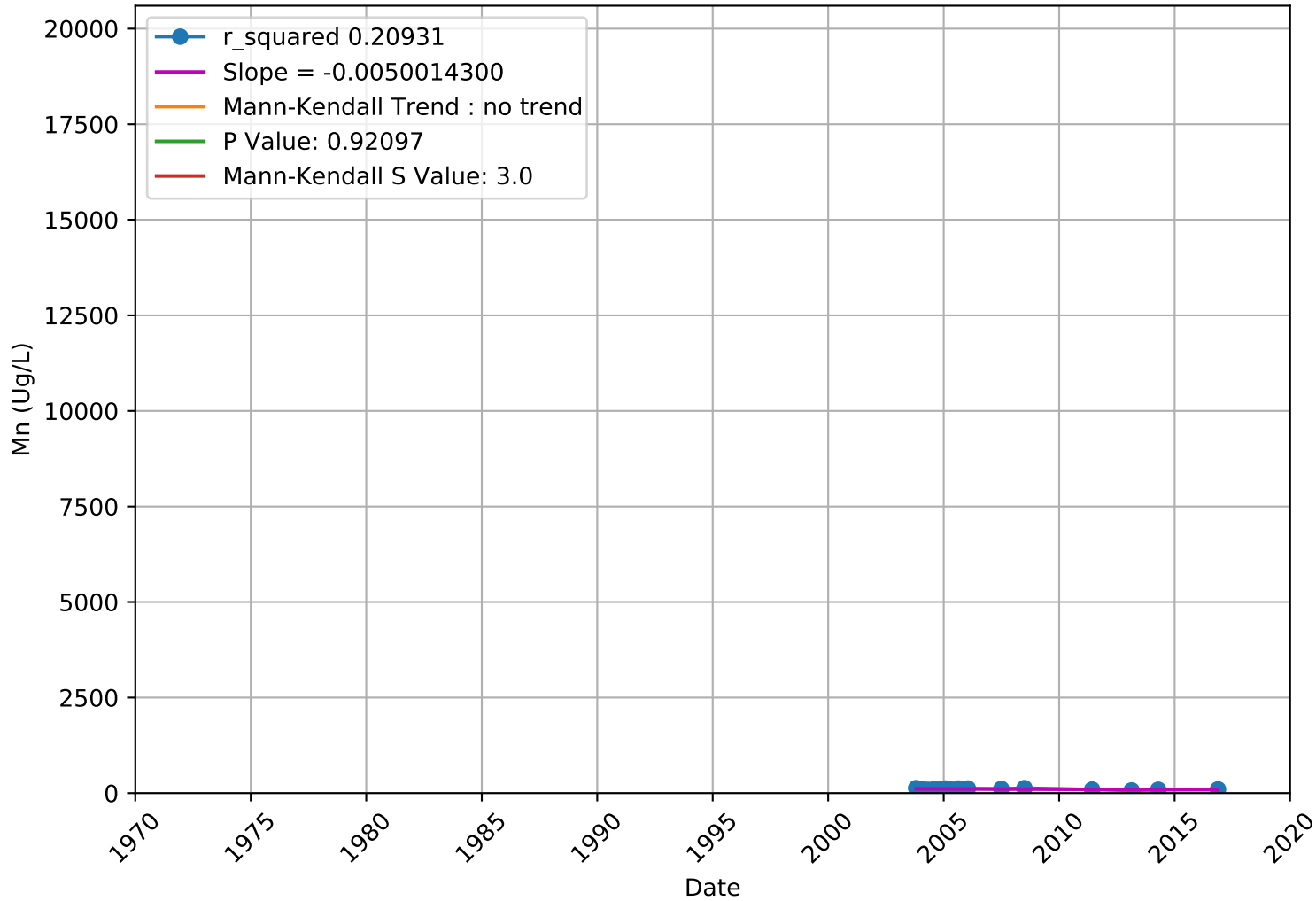
Manganese

377149N1214257W003 - Lower Aquifer



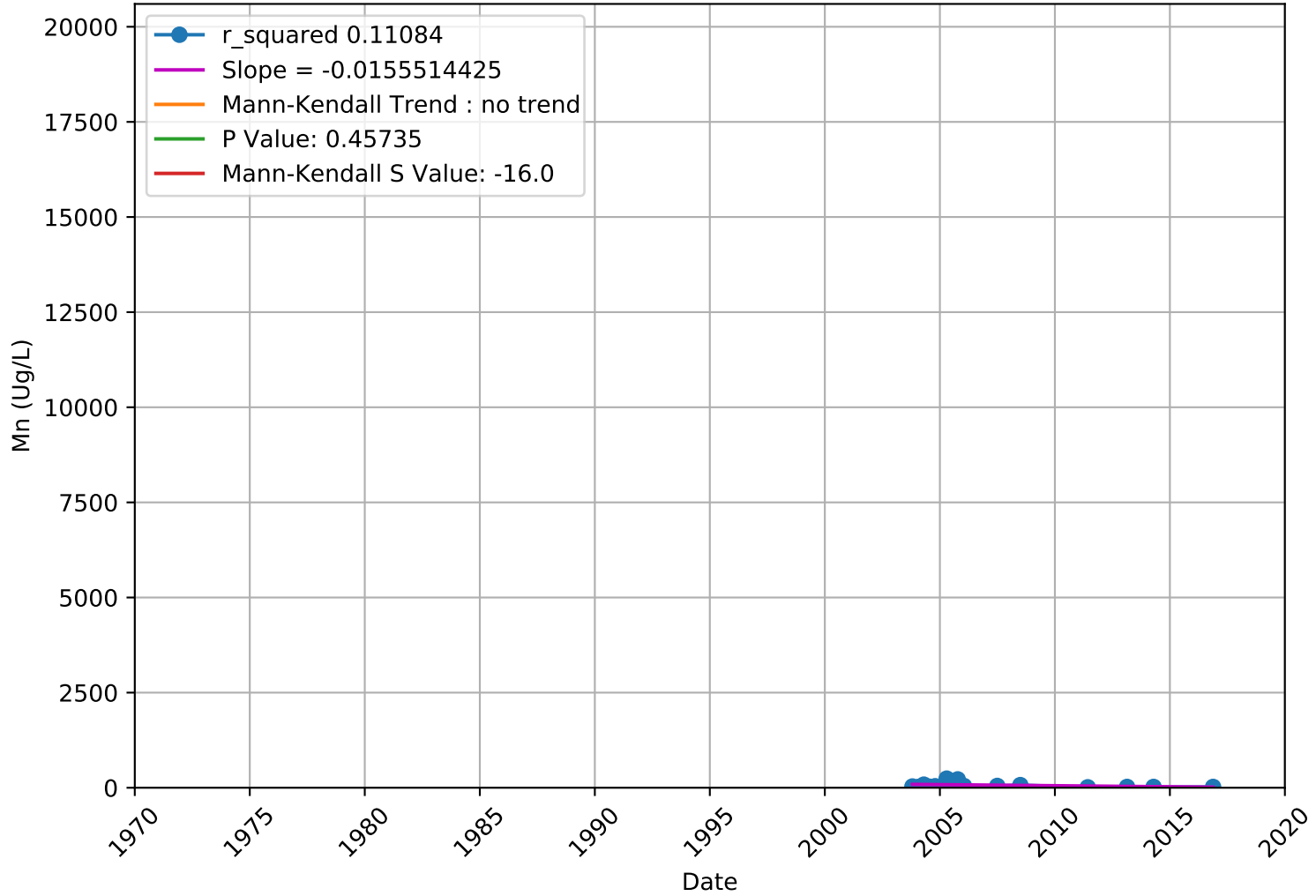
Manganese

377402N1214508W001 - Lower Aquifer



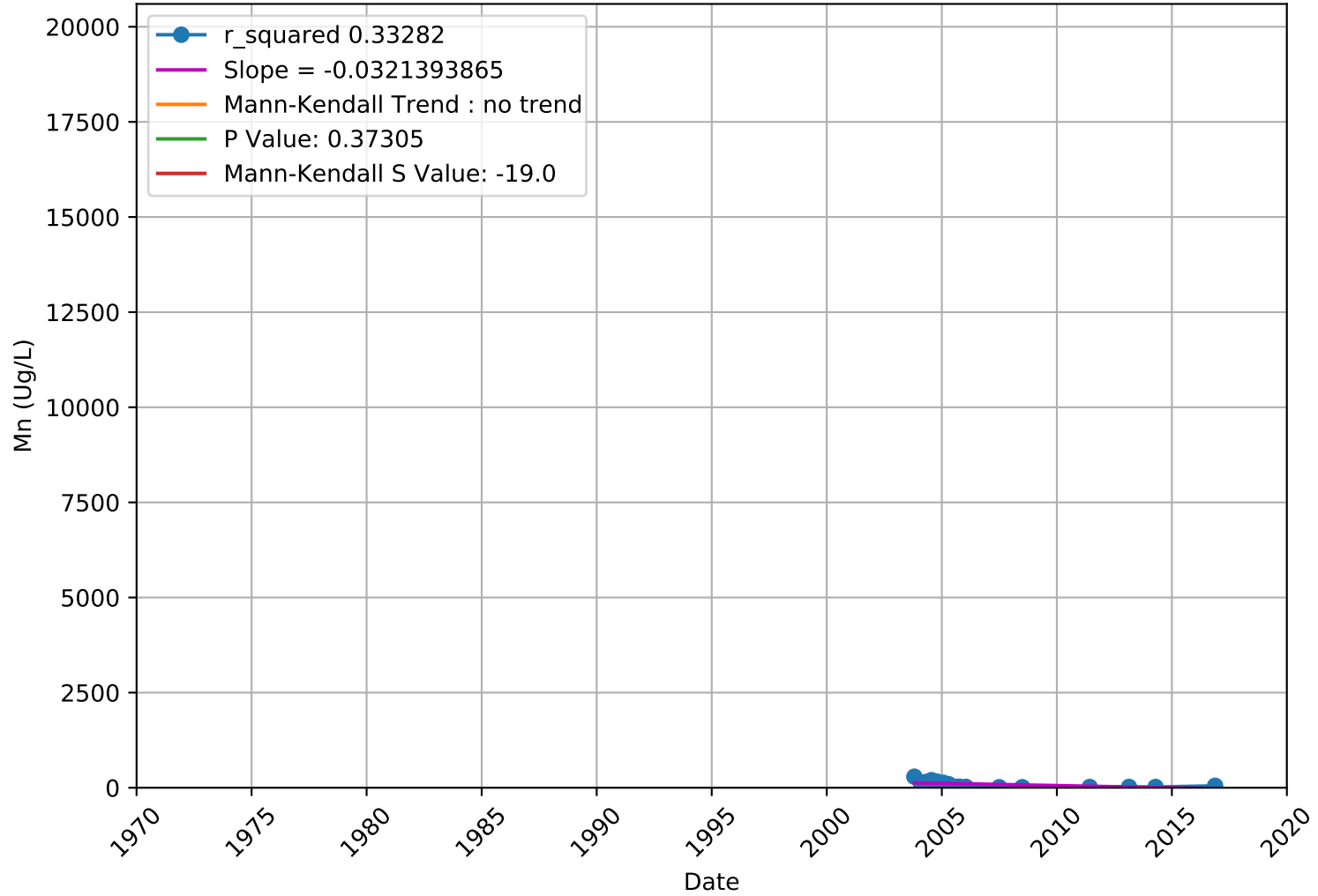
Manganese

377402N1214508W002 - Lower Aquifer



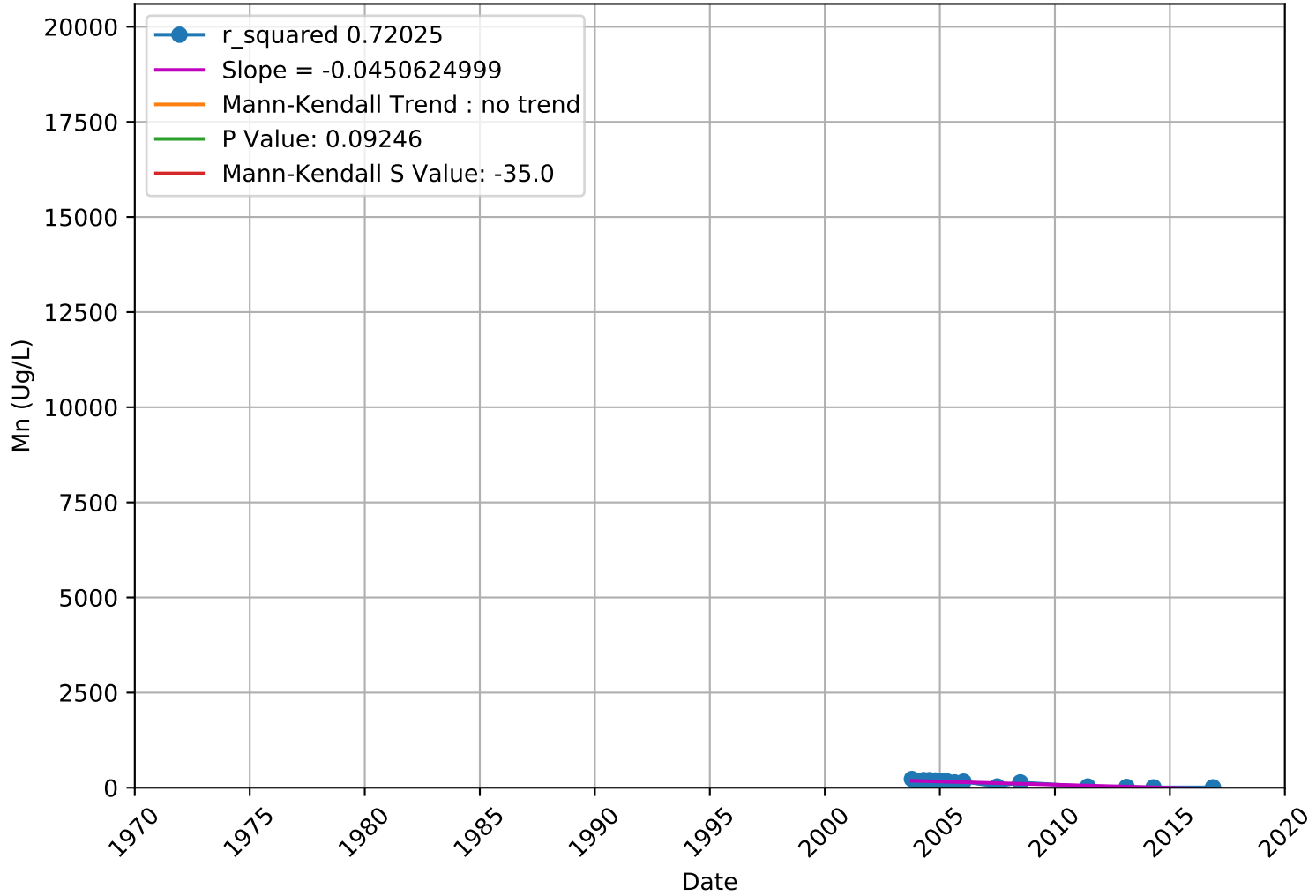
Manganese

377402N1214508W003 - Lower Aquifer



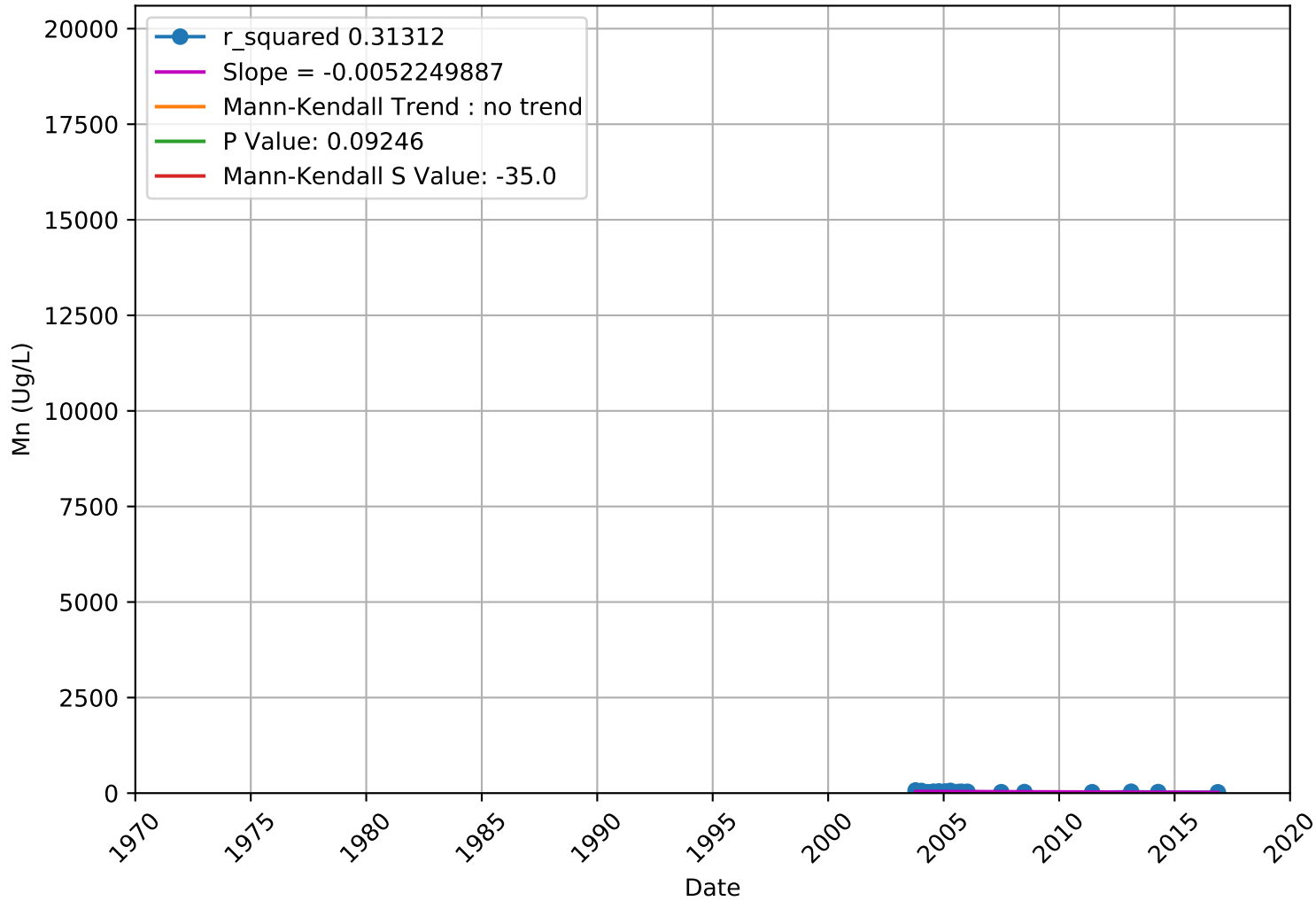
Manganese

377427N1213943W001 - Lower Aquifer



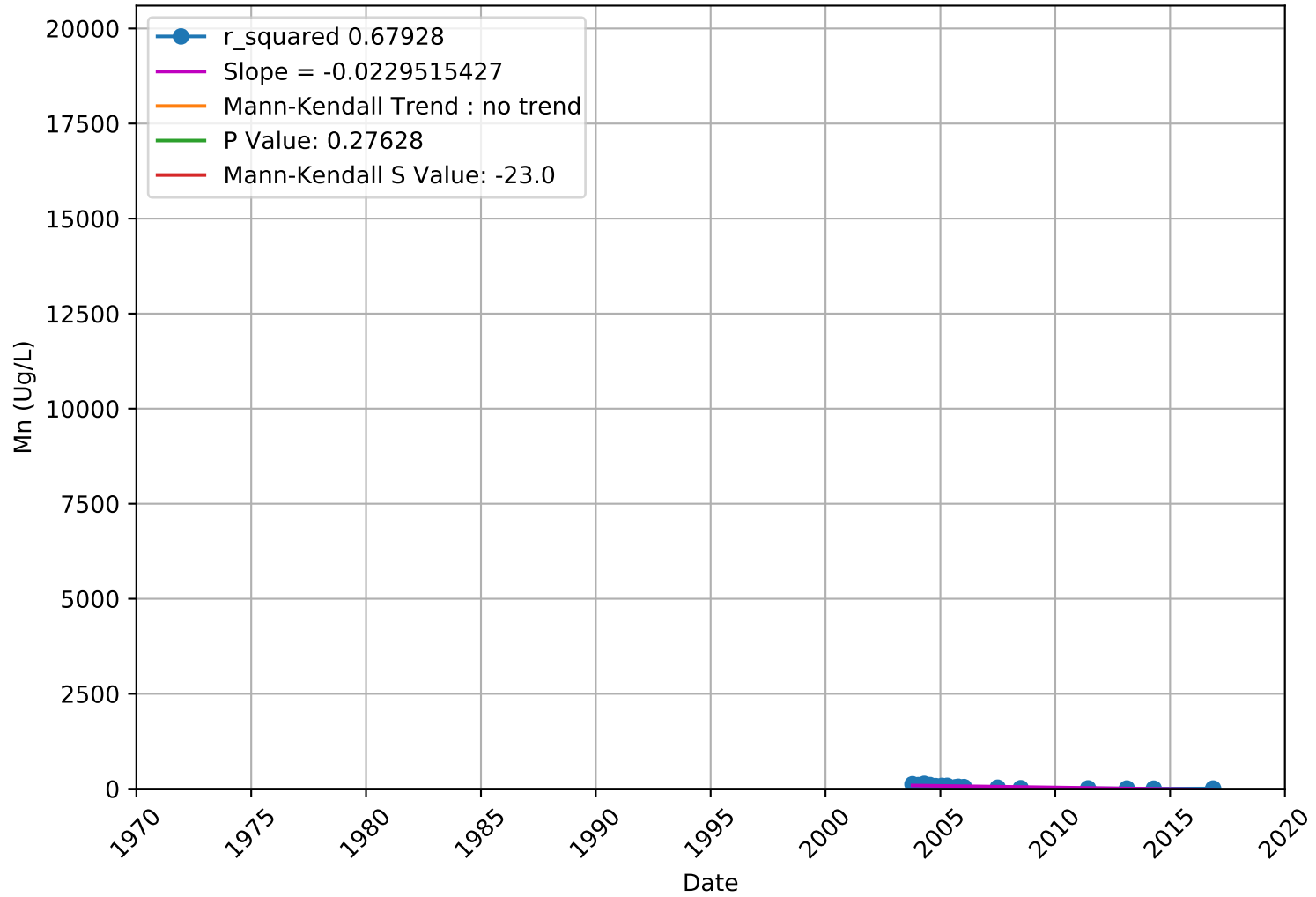
Manganese

377427N1213943W002 - Lower Aquifer



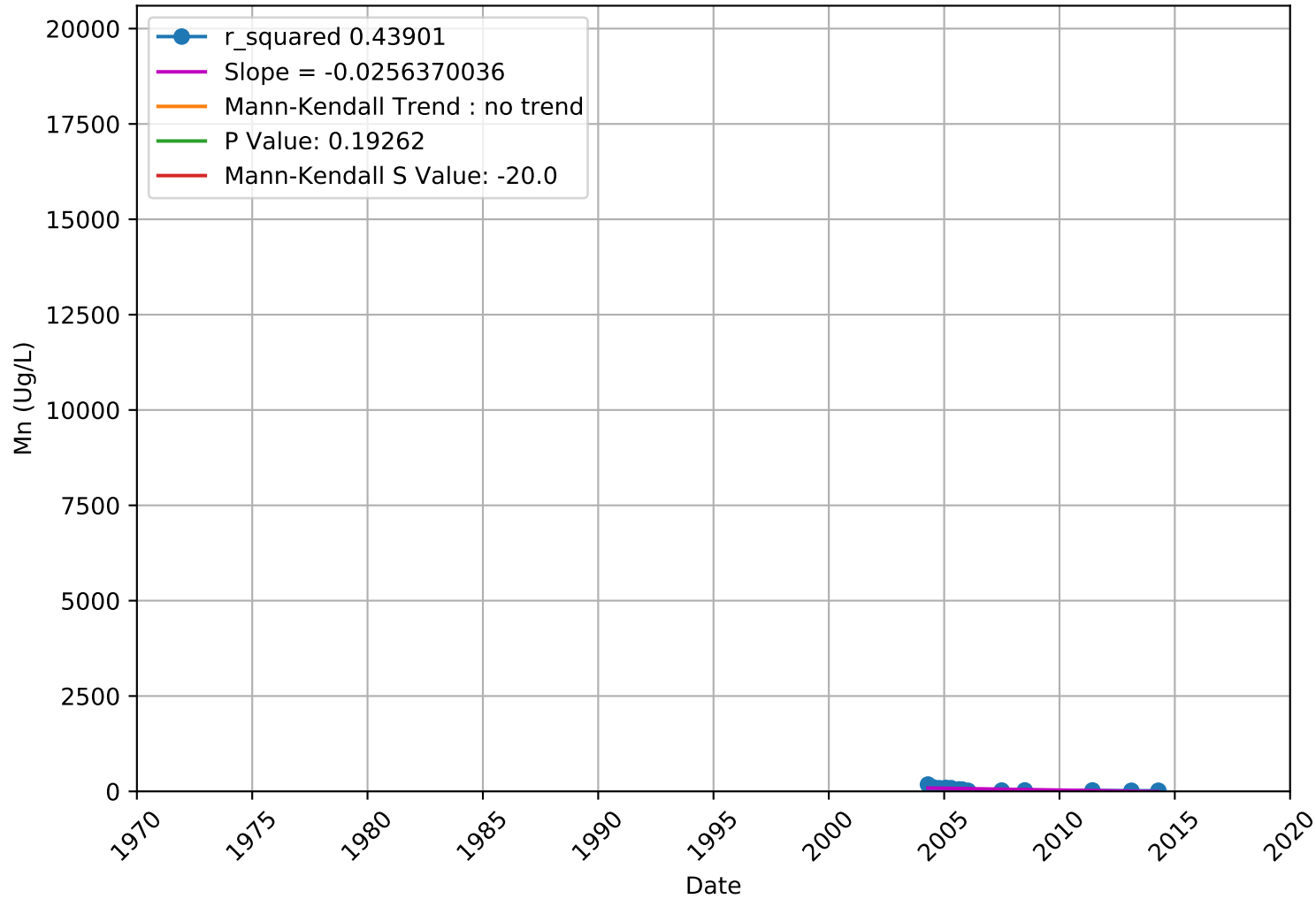
Manganese

377427N1213943W003 - Lower Aquifer



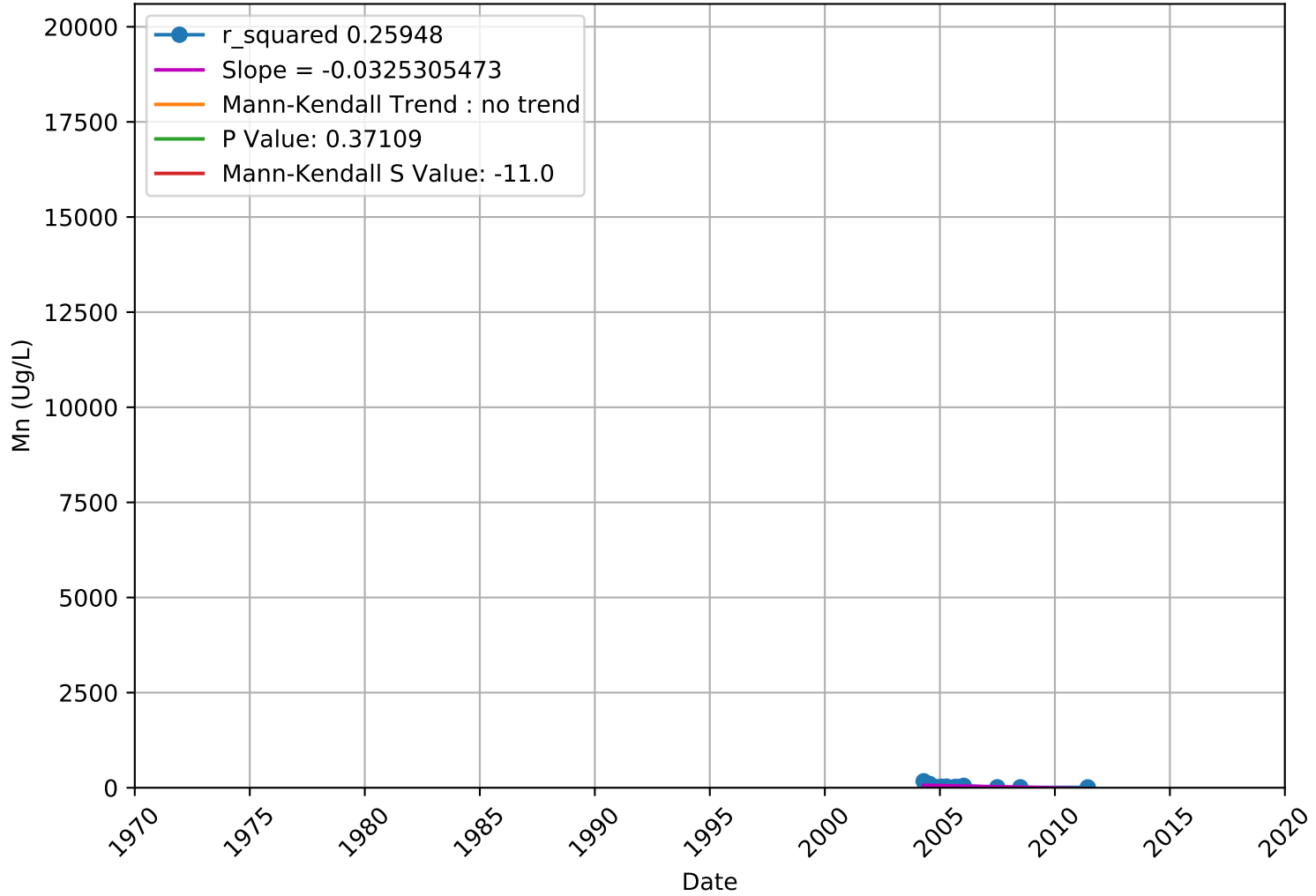
Manganese

377656N1214199W001 - Lower Aquifer



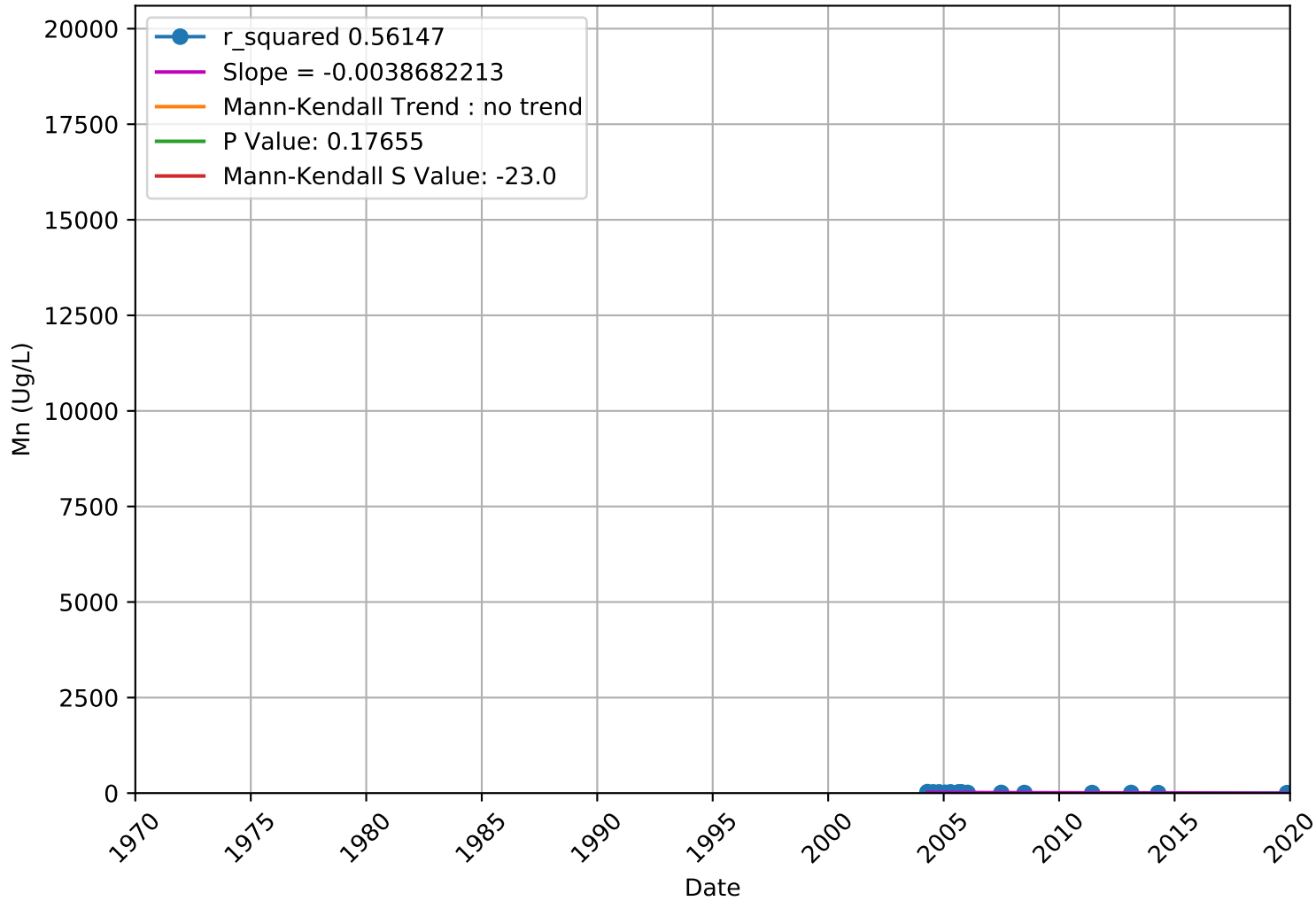
Manganese

377656N1214199W002 - Lower Aquifer

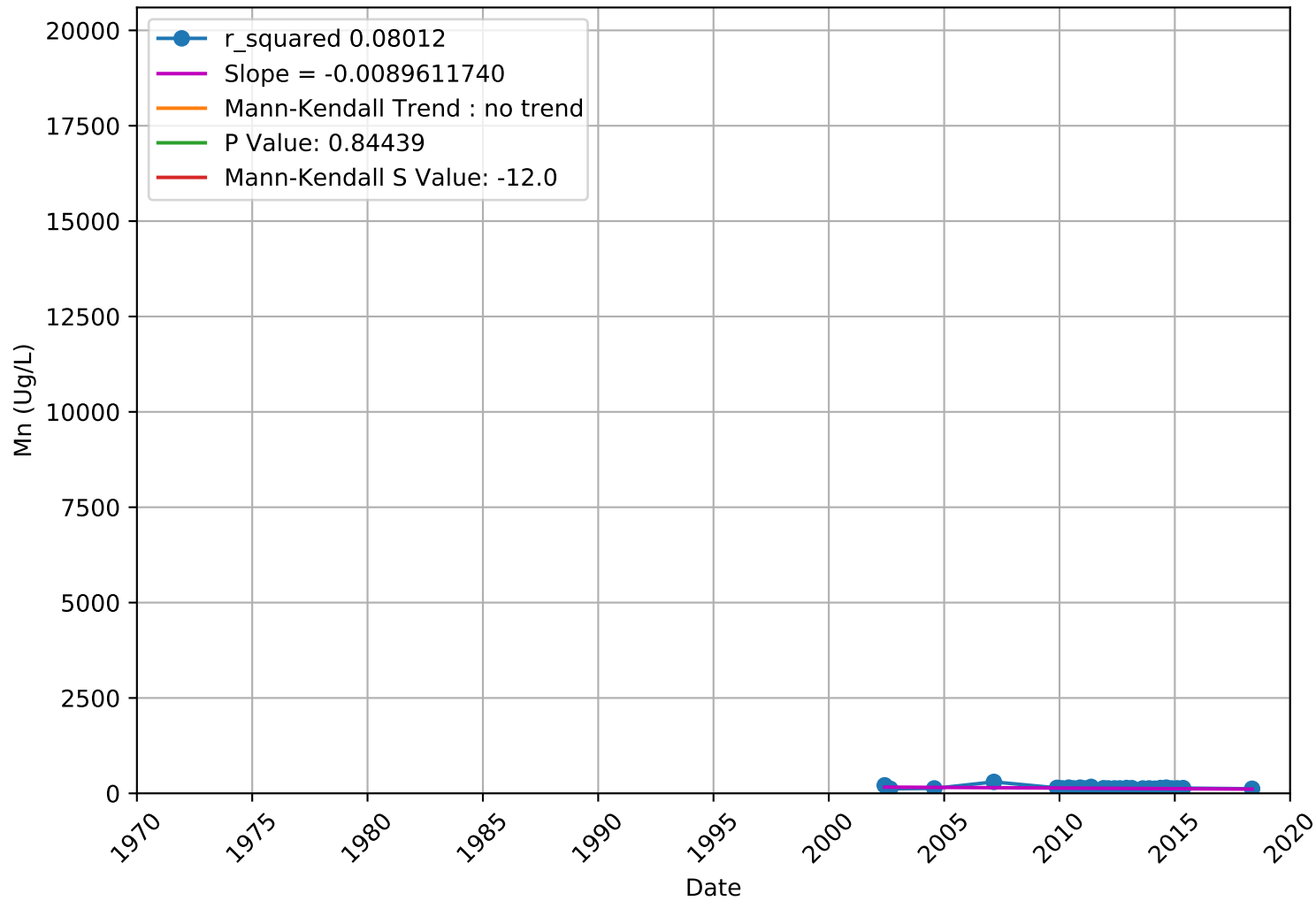


Manganese

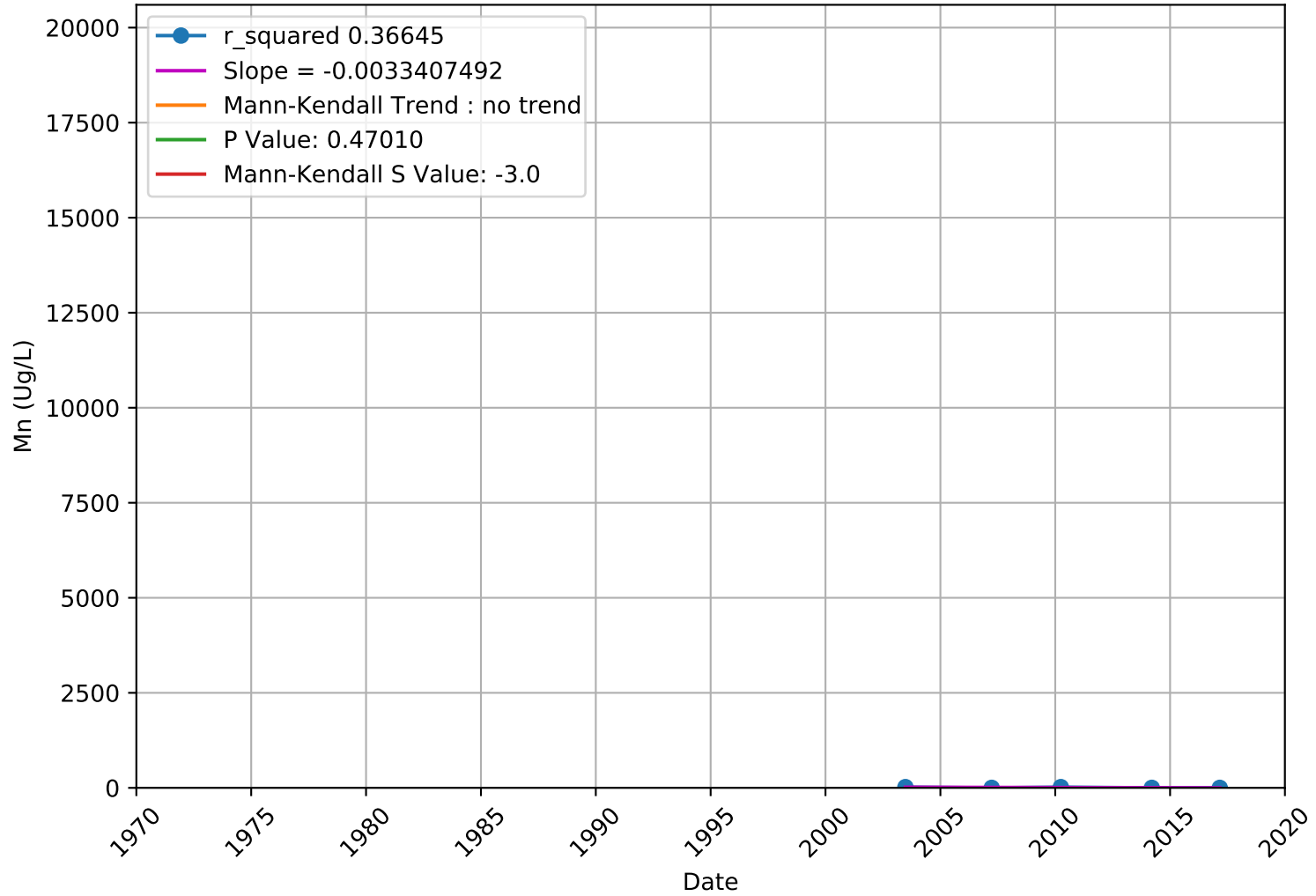
377656N1214199W003 - Lower Aquifer



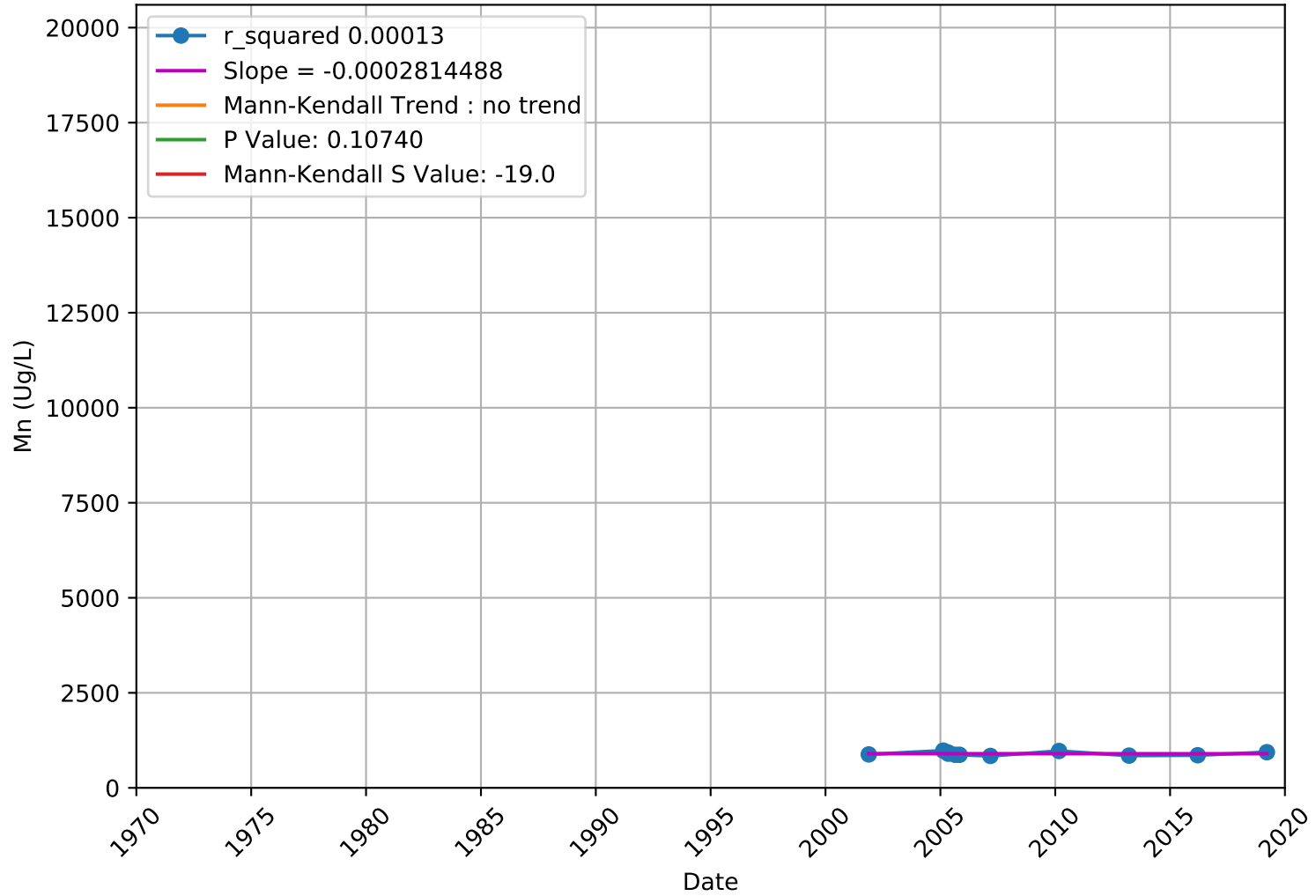
Manganese 3900558-002 - Unknown Aquifer



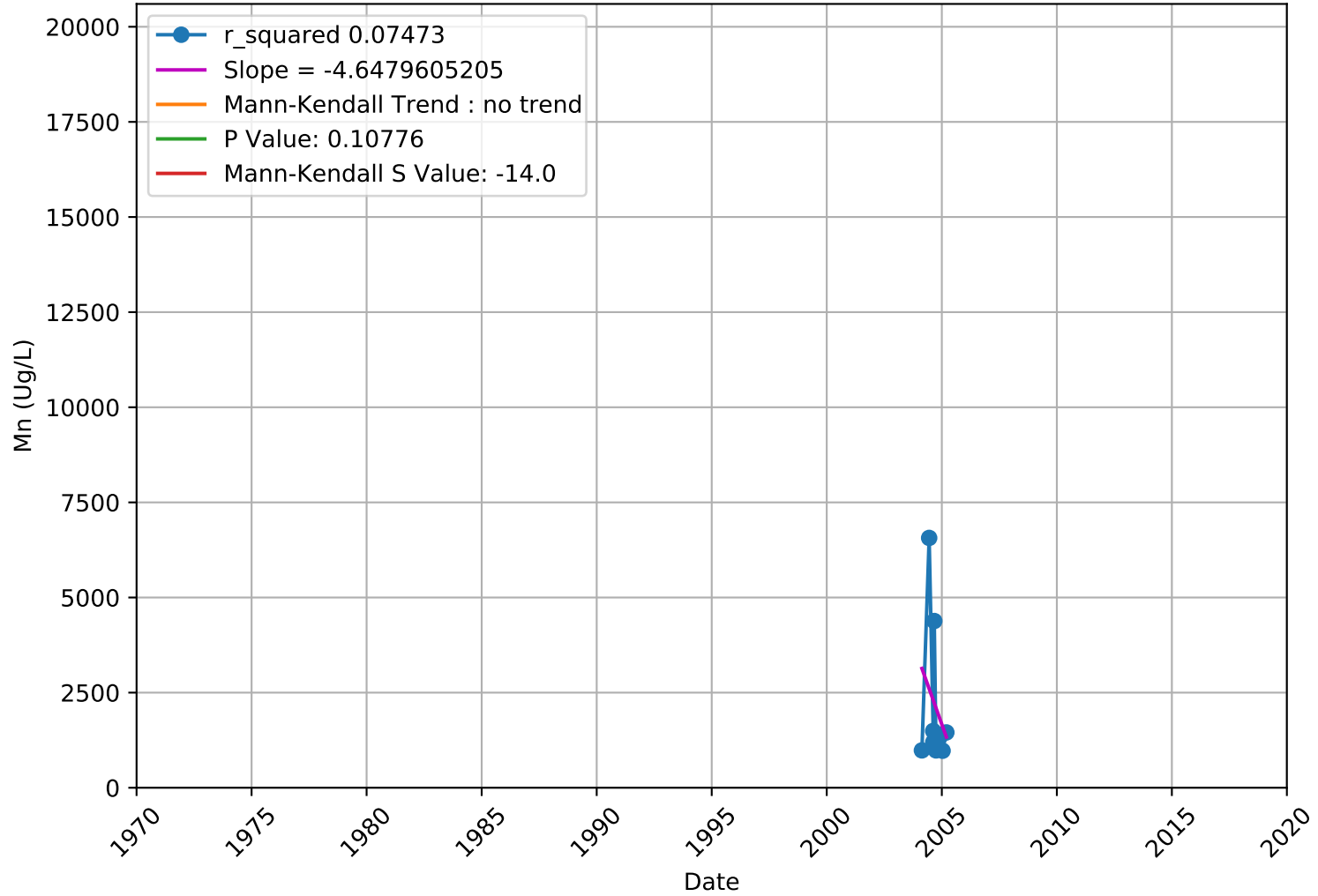
Manganese 3900559-001 - Unknown Aquifer



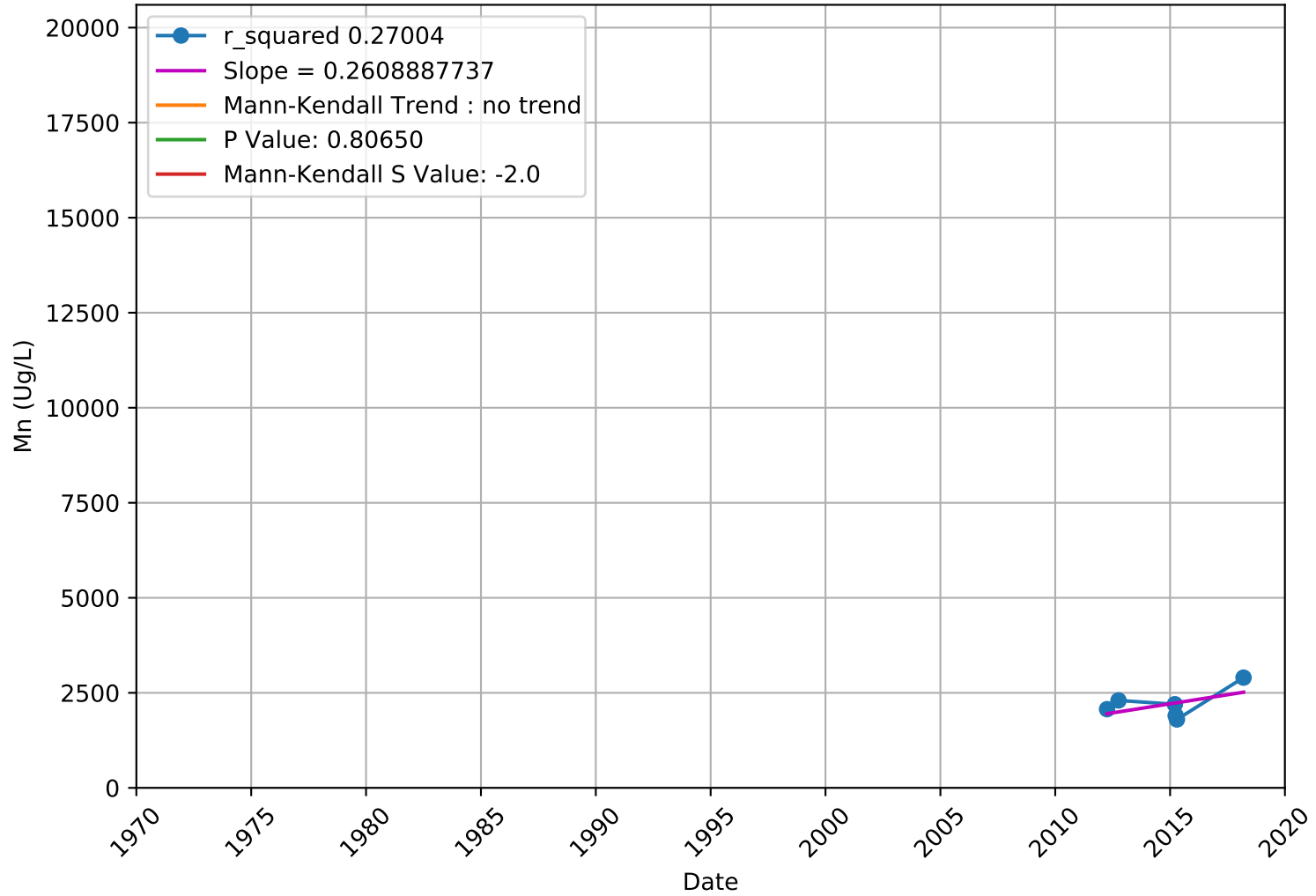
Manganese 3900583-001 - Unknown Aquifer



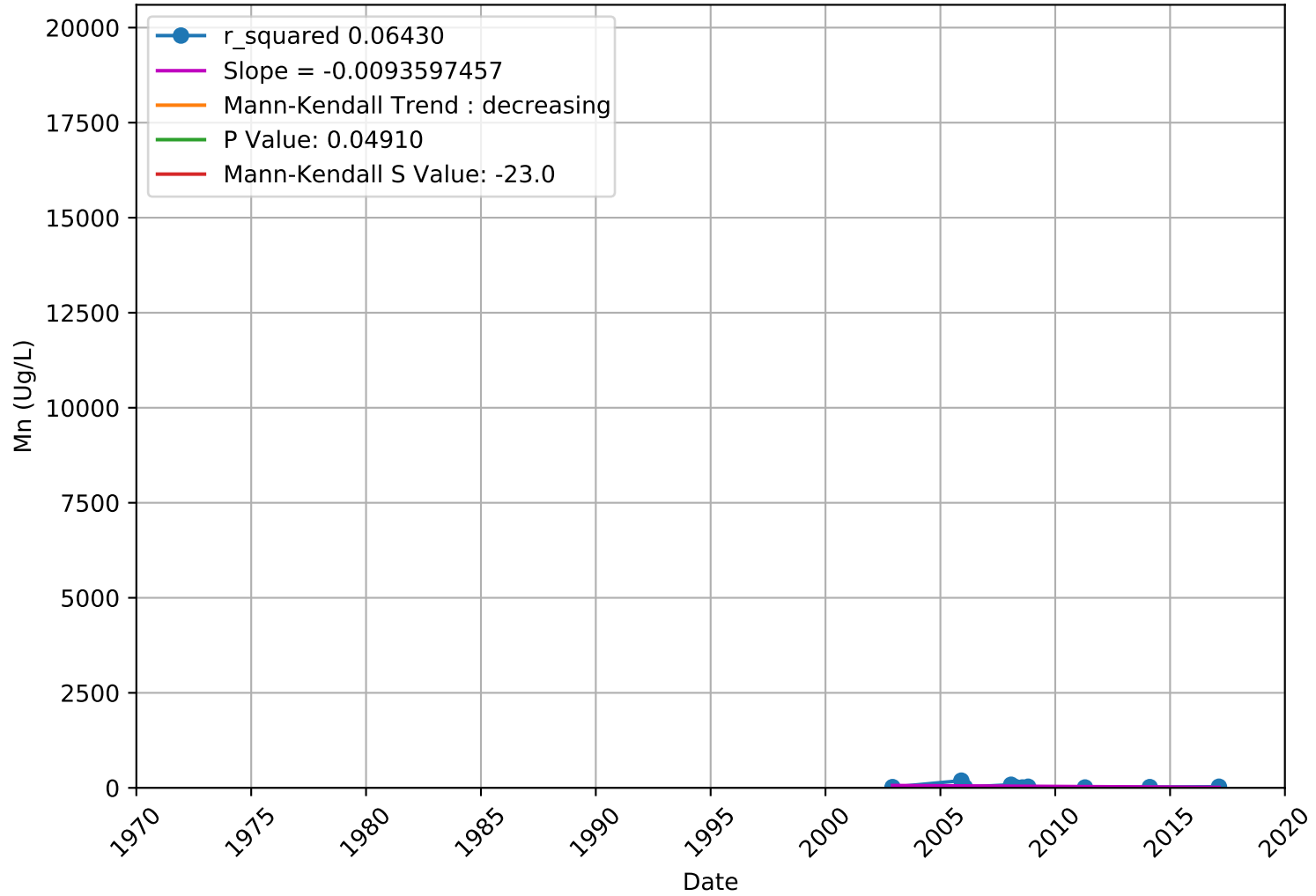
Manganese 3900589-001 - Unknown Aquifer



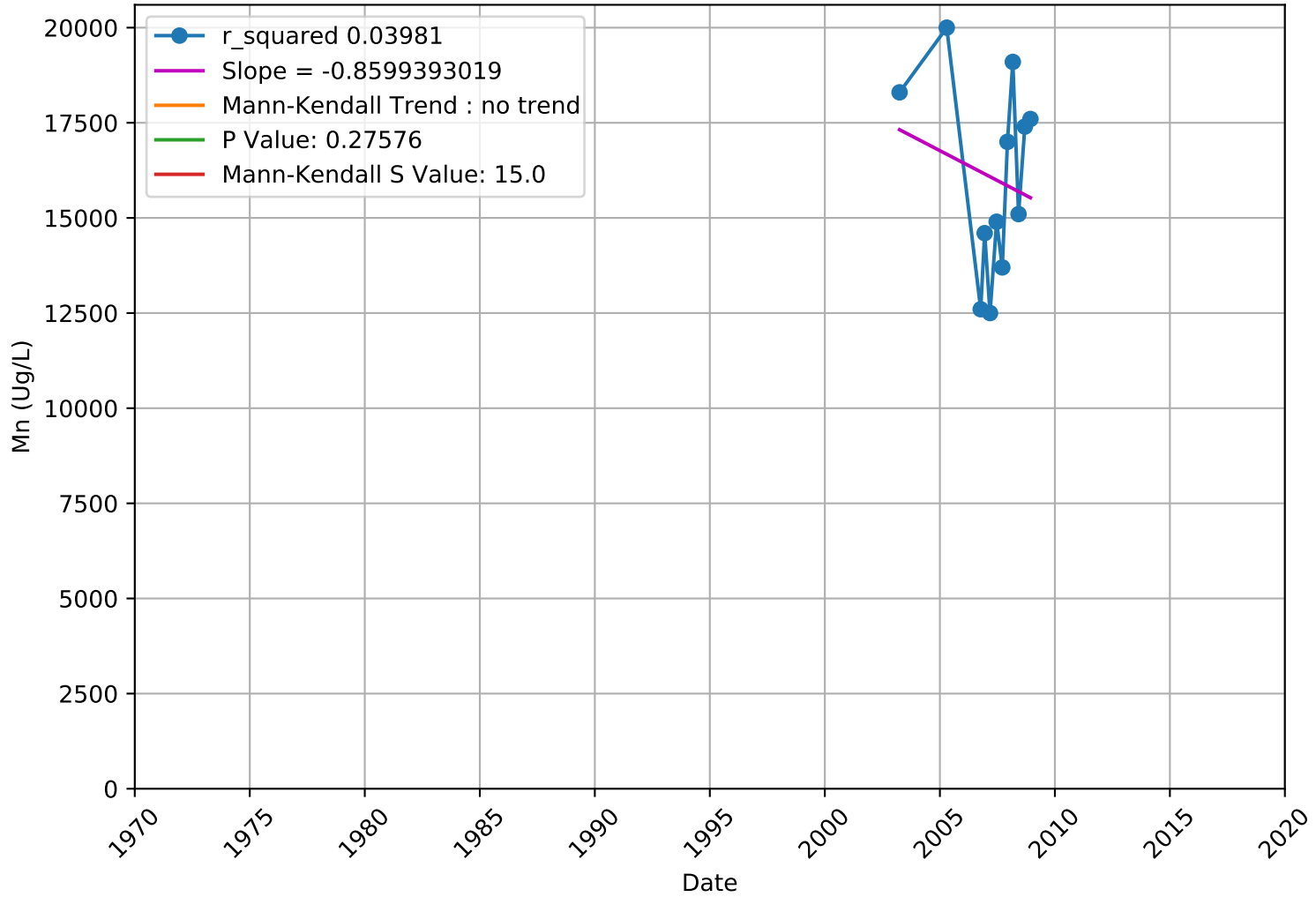
Manganese 3900616-002 - Unknown Aquifer



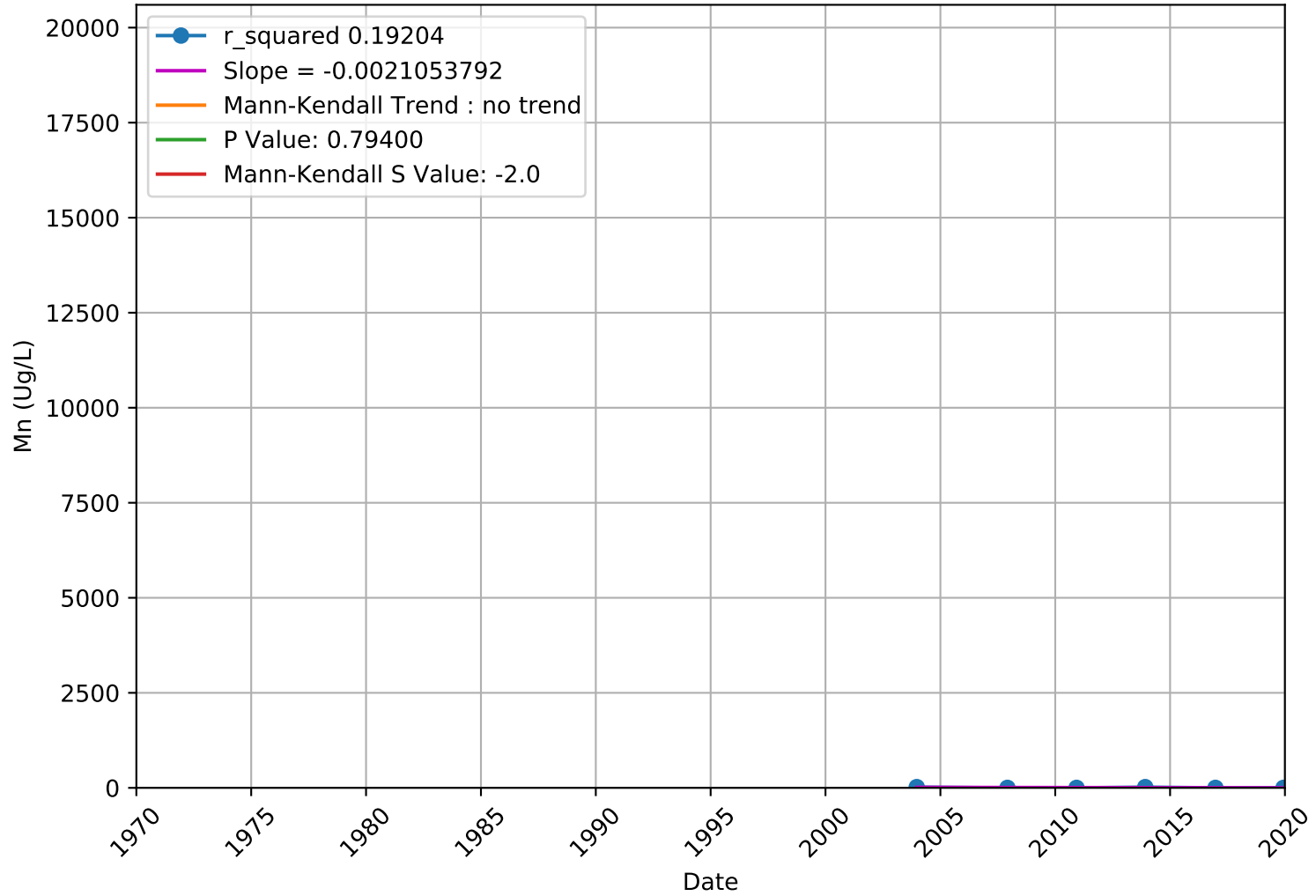
Manganese 3900702-001 - Unknown Aquifer



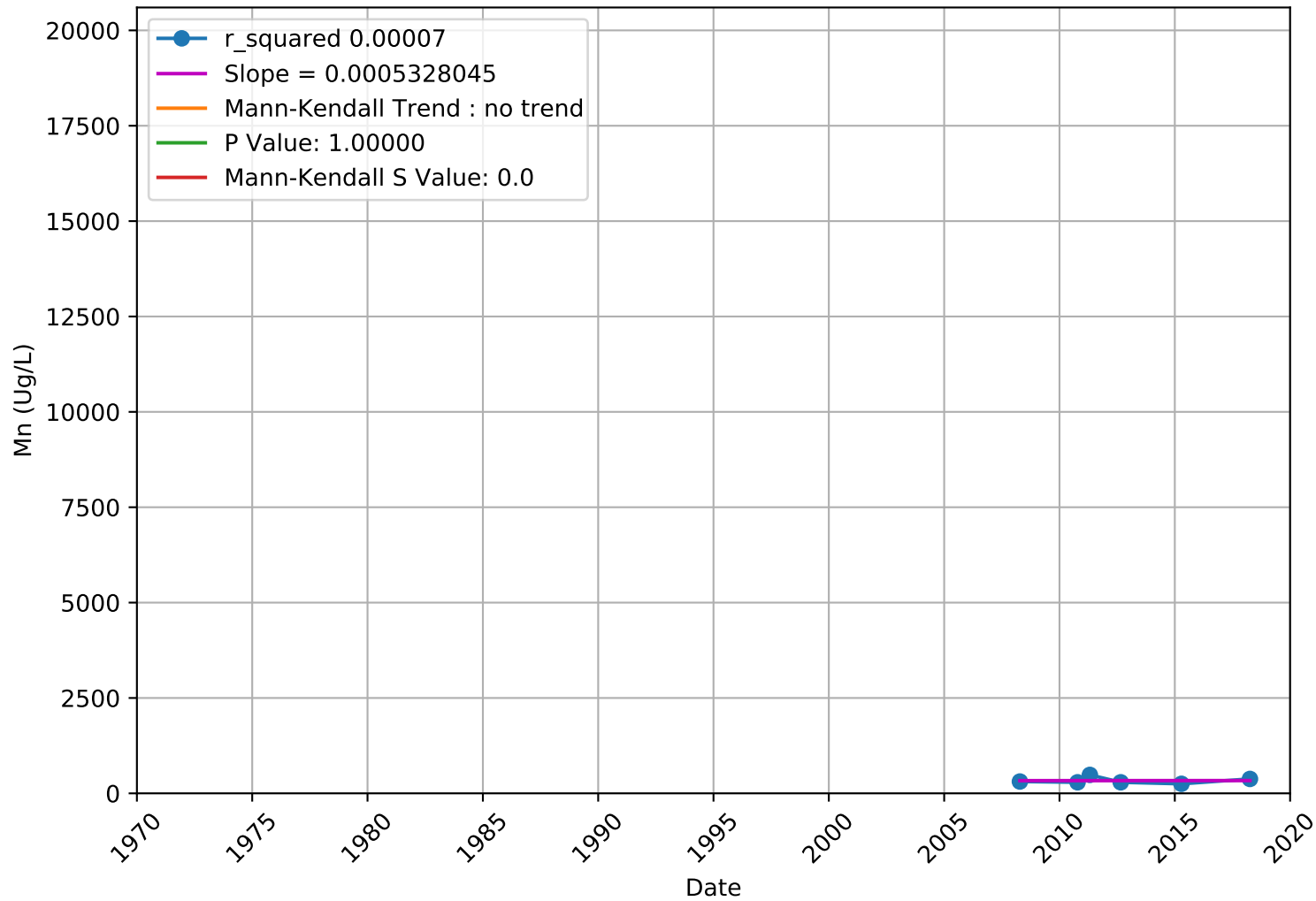
Manganese 3900713-001 - Unknown Aquifer



Manganese 3900991-001 - Unknown Aquifer

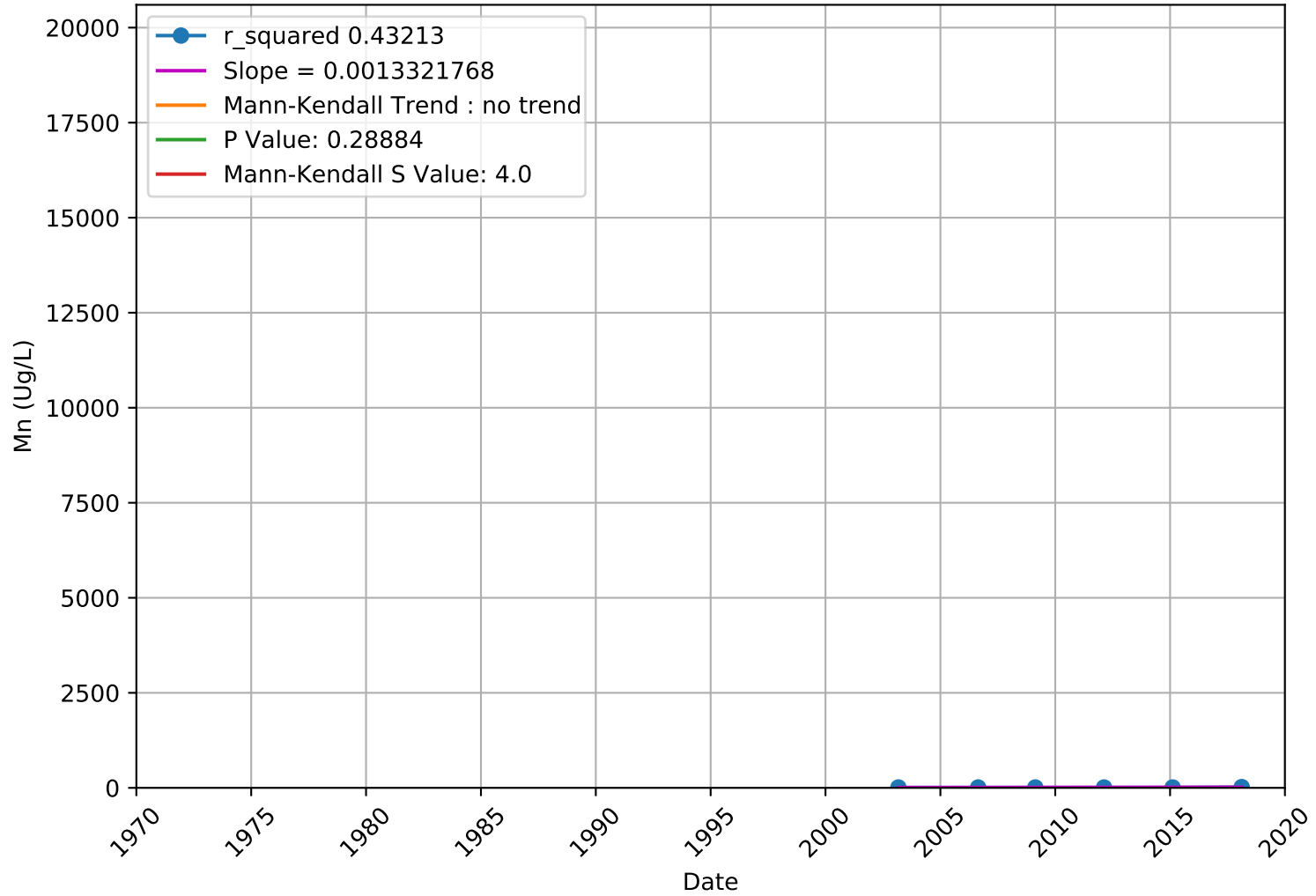


Manganese 3901010-001 - Unknown Aquifer



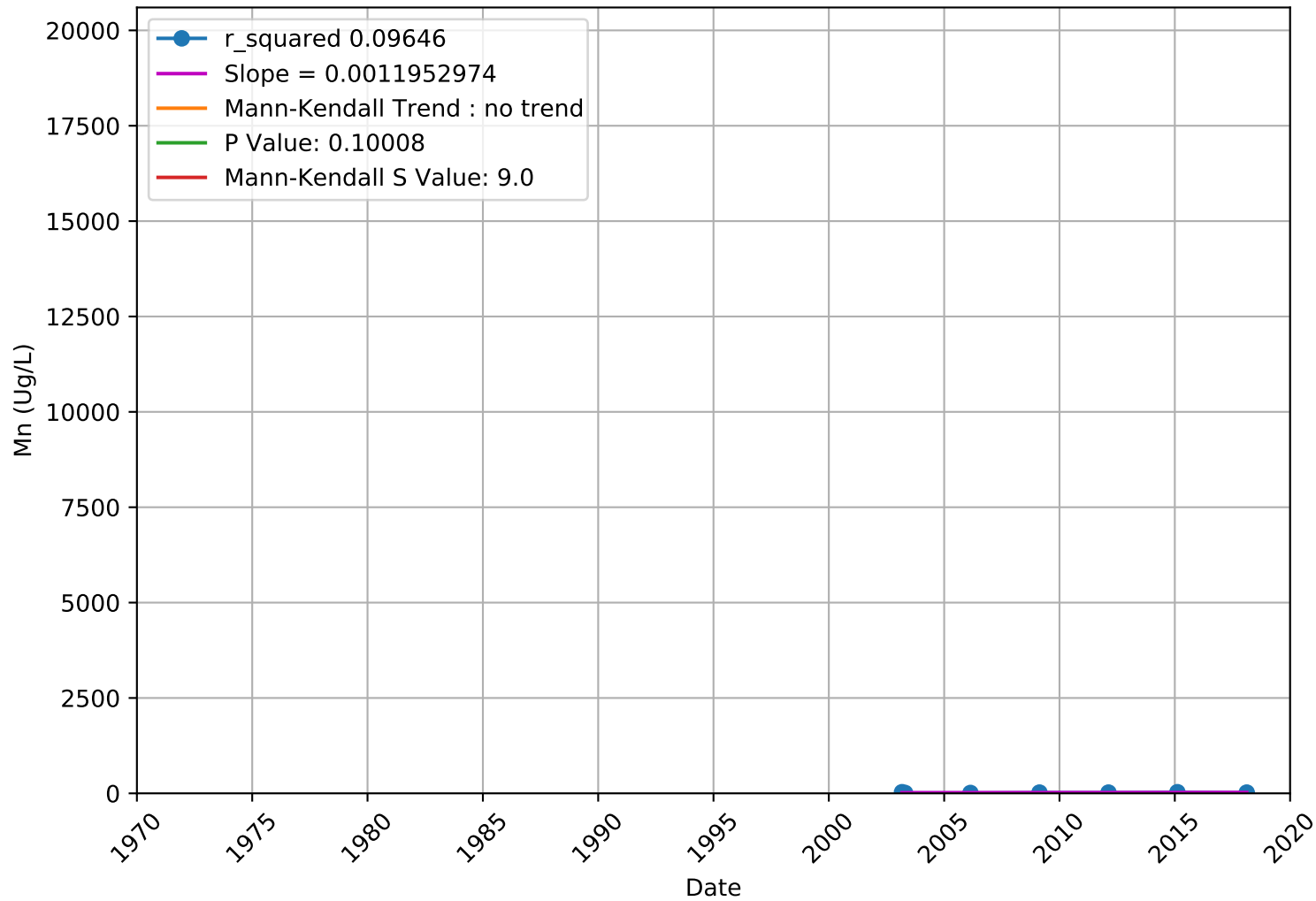
Manganese

3901172-002 - Unknown Aquifer



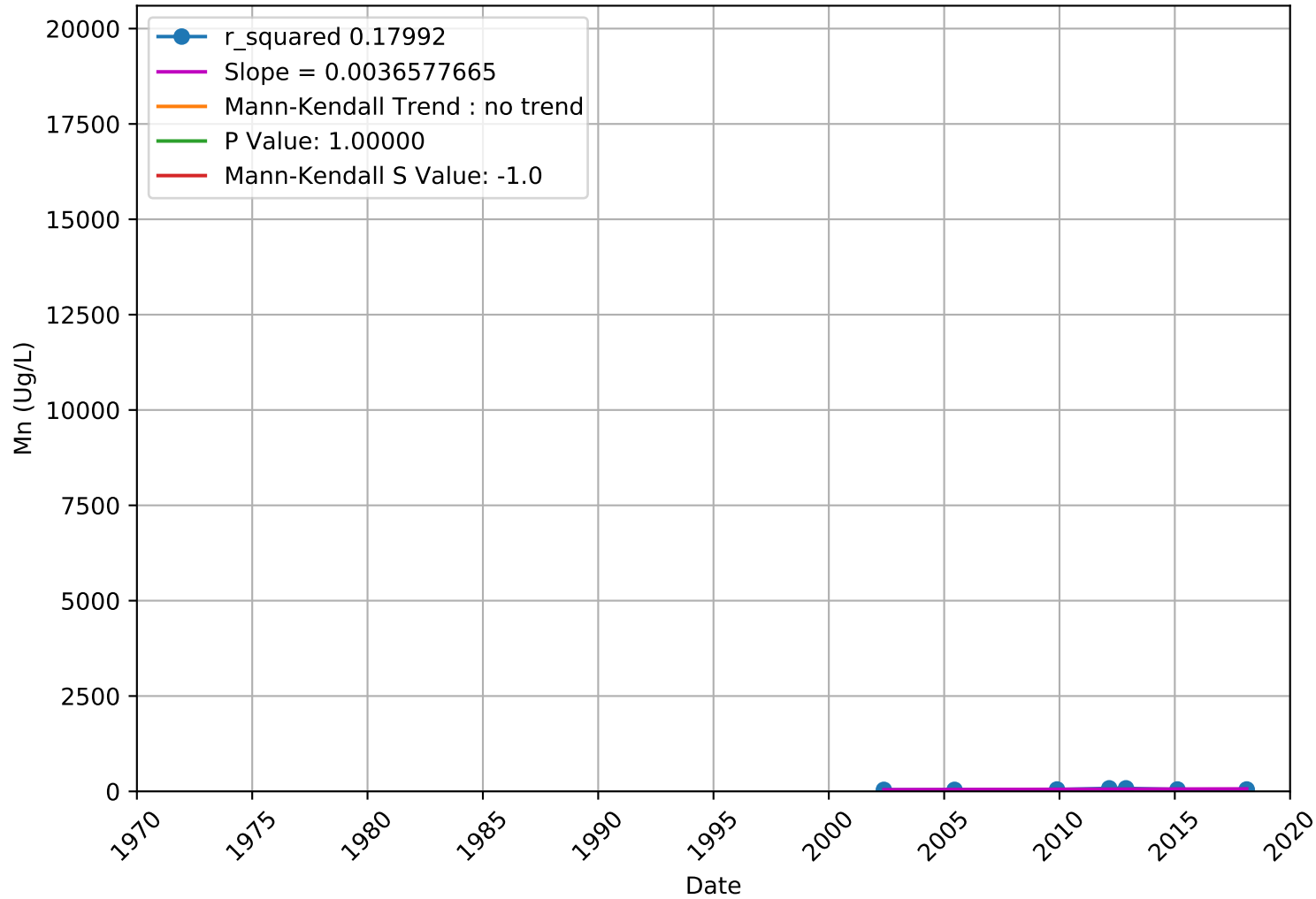
Manganese

3901172-003 - Unknown Aquifer

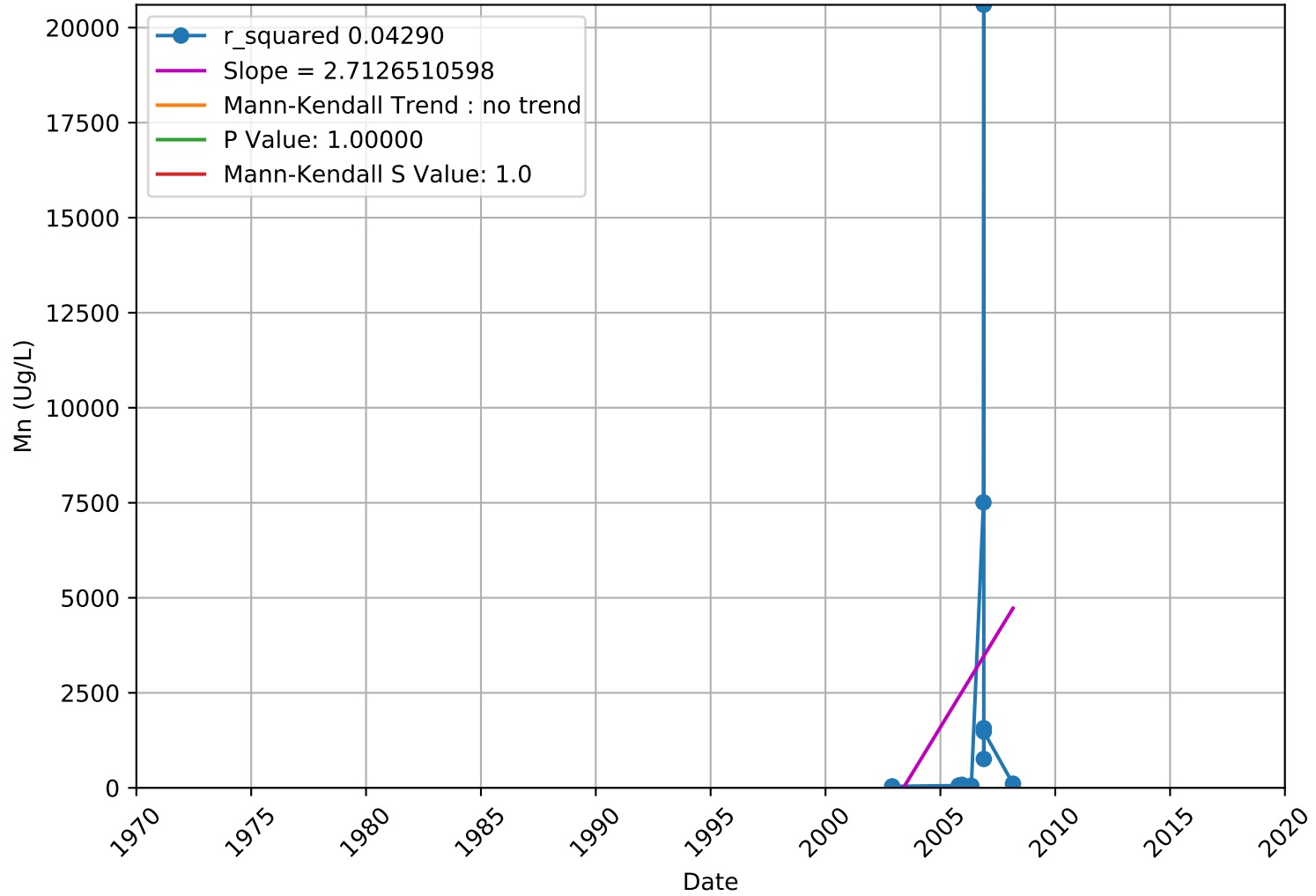


Manganese

3901216-002 - Unknown Aquifer

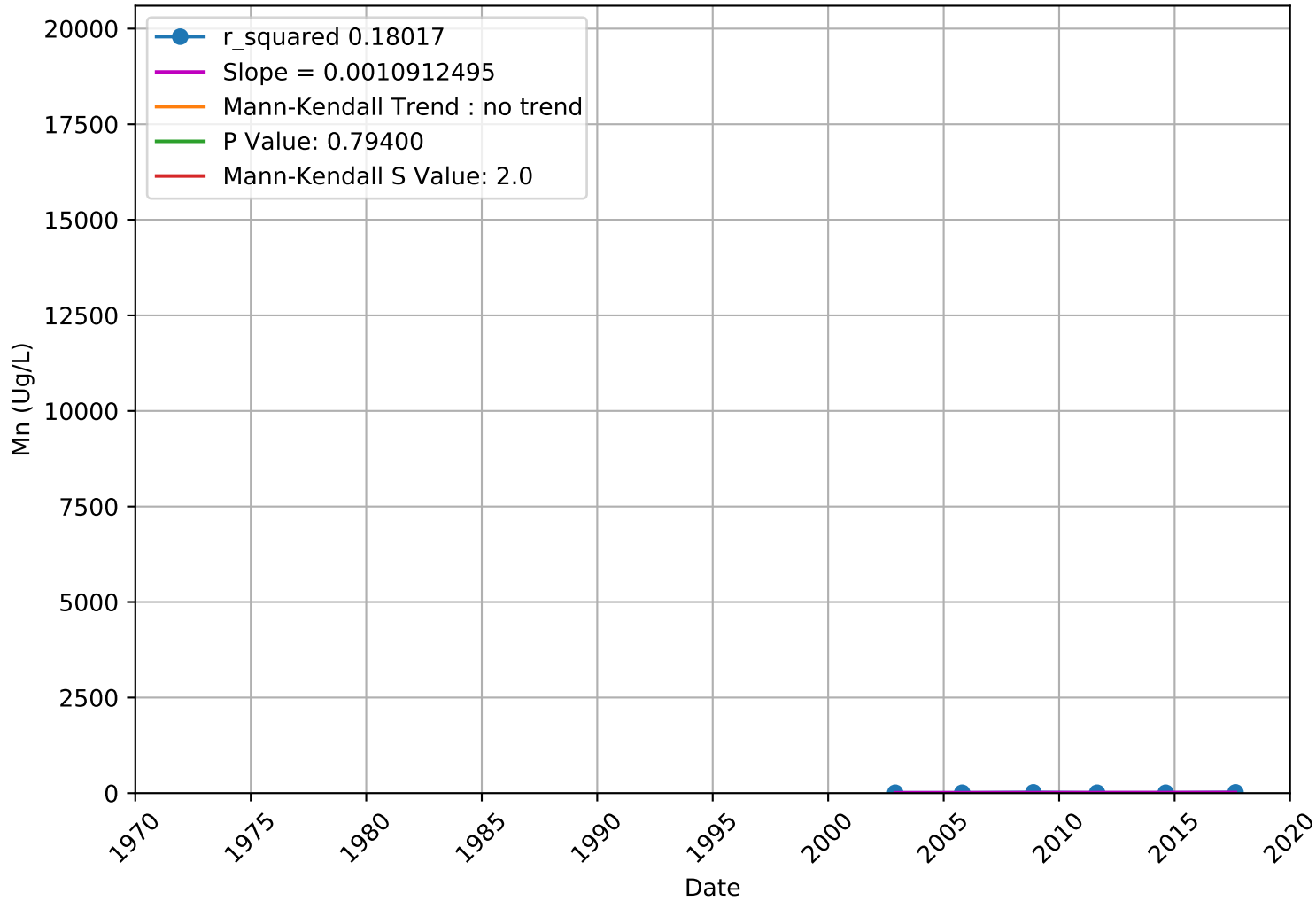


Manganese 3901348-001 - Unknown Aquifer



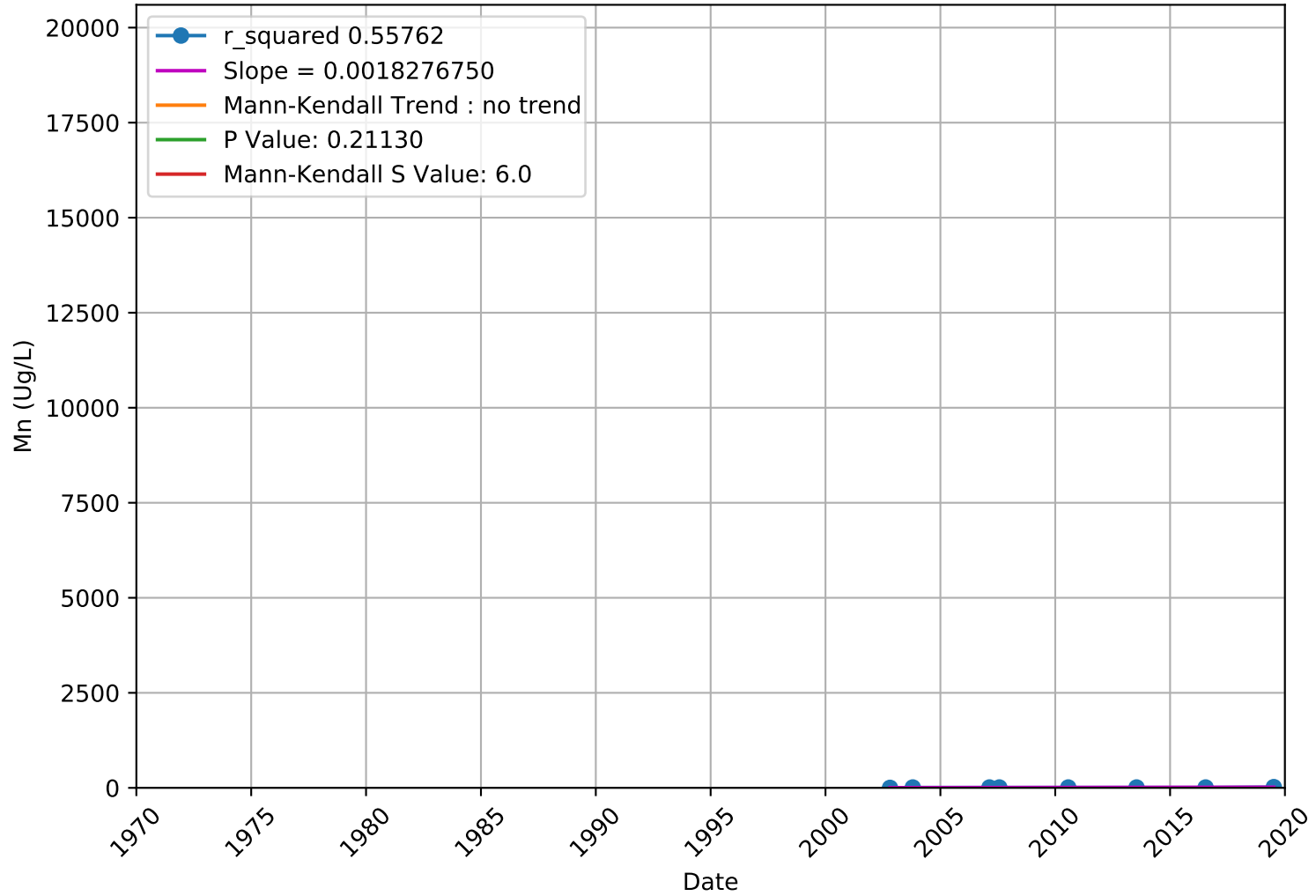
Manganese

3901348-002 - Unknown Aquifer



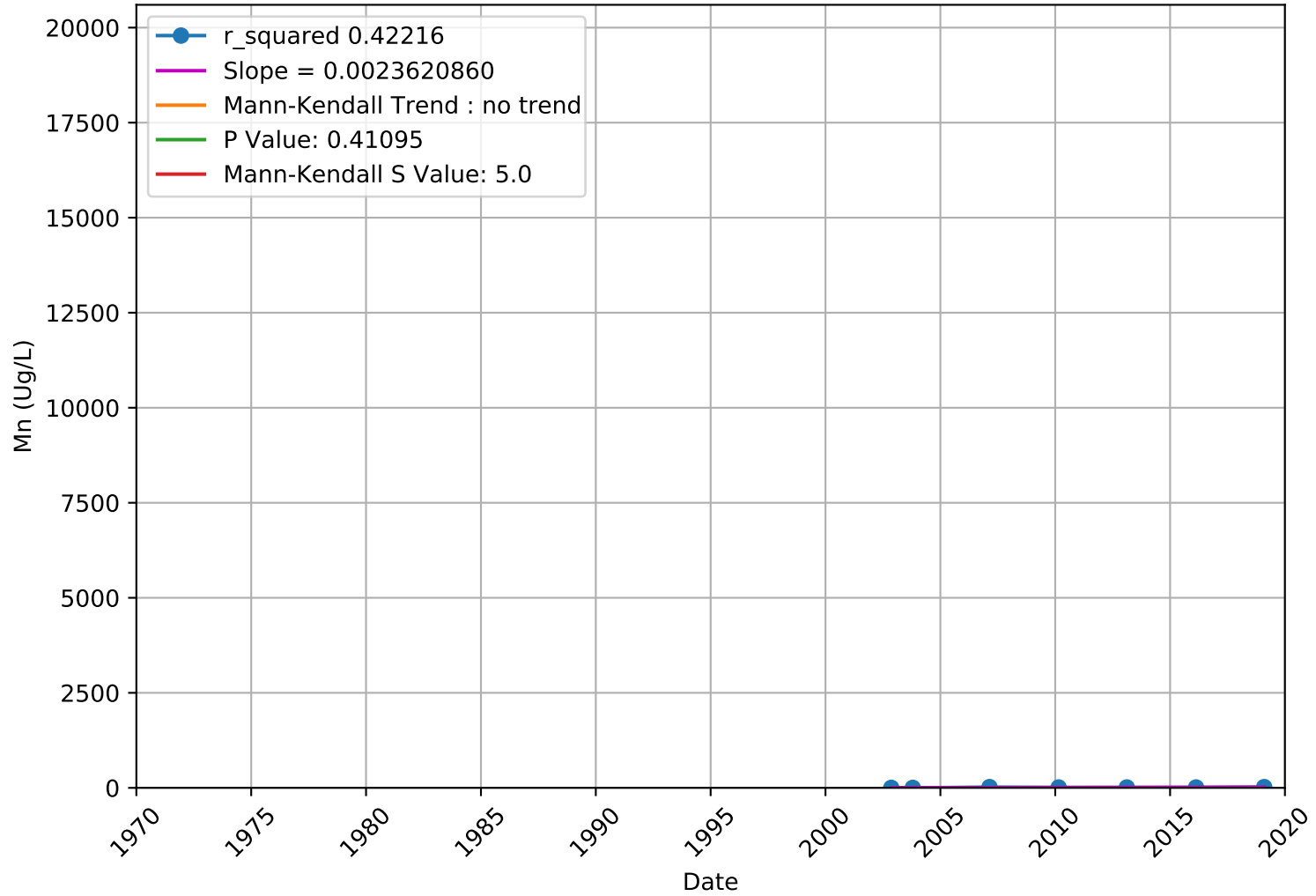
Manganese

3901348-003 - Unknown Aquifer



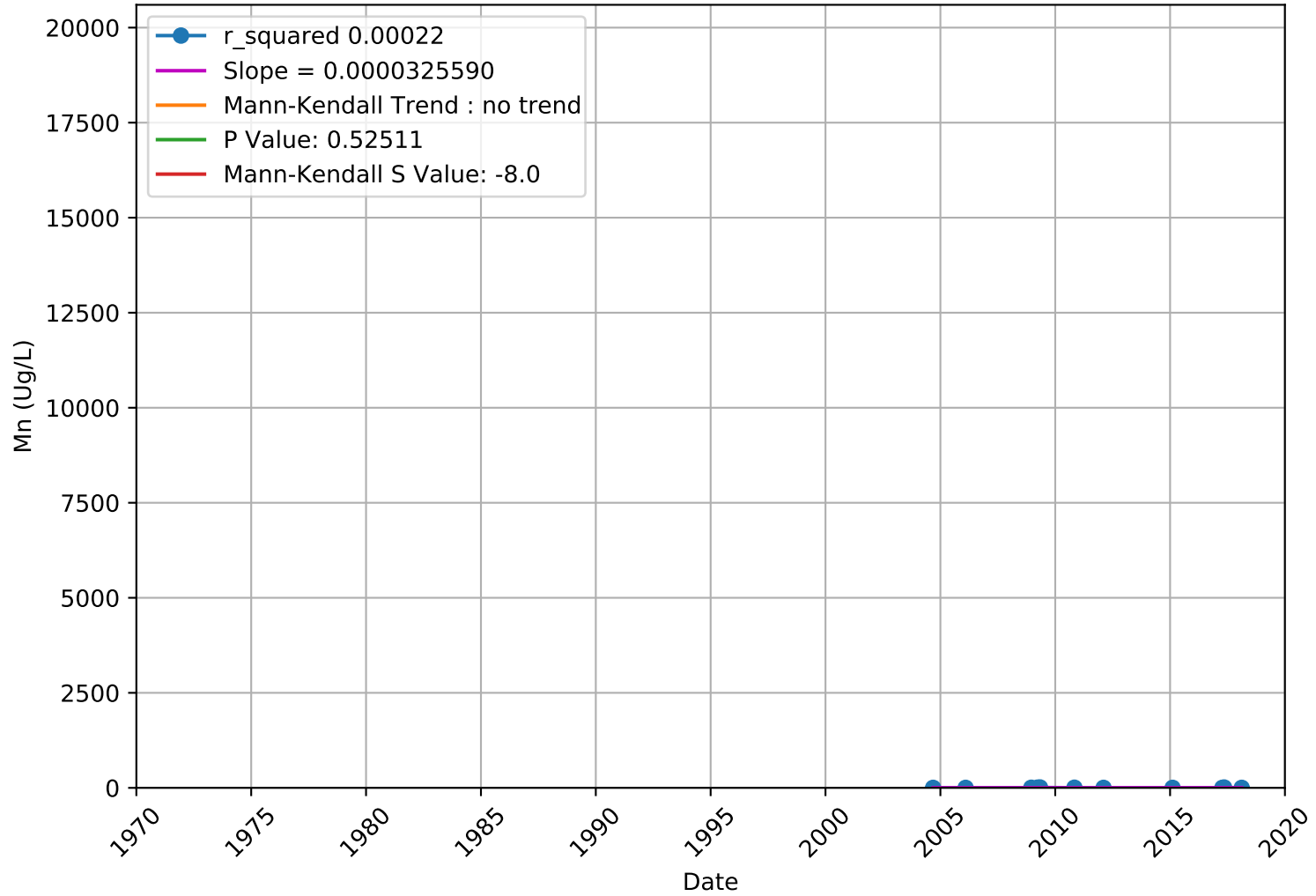
Manganese

3901348-004 - Unknown Aquifer

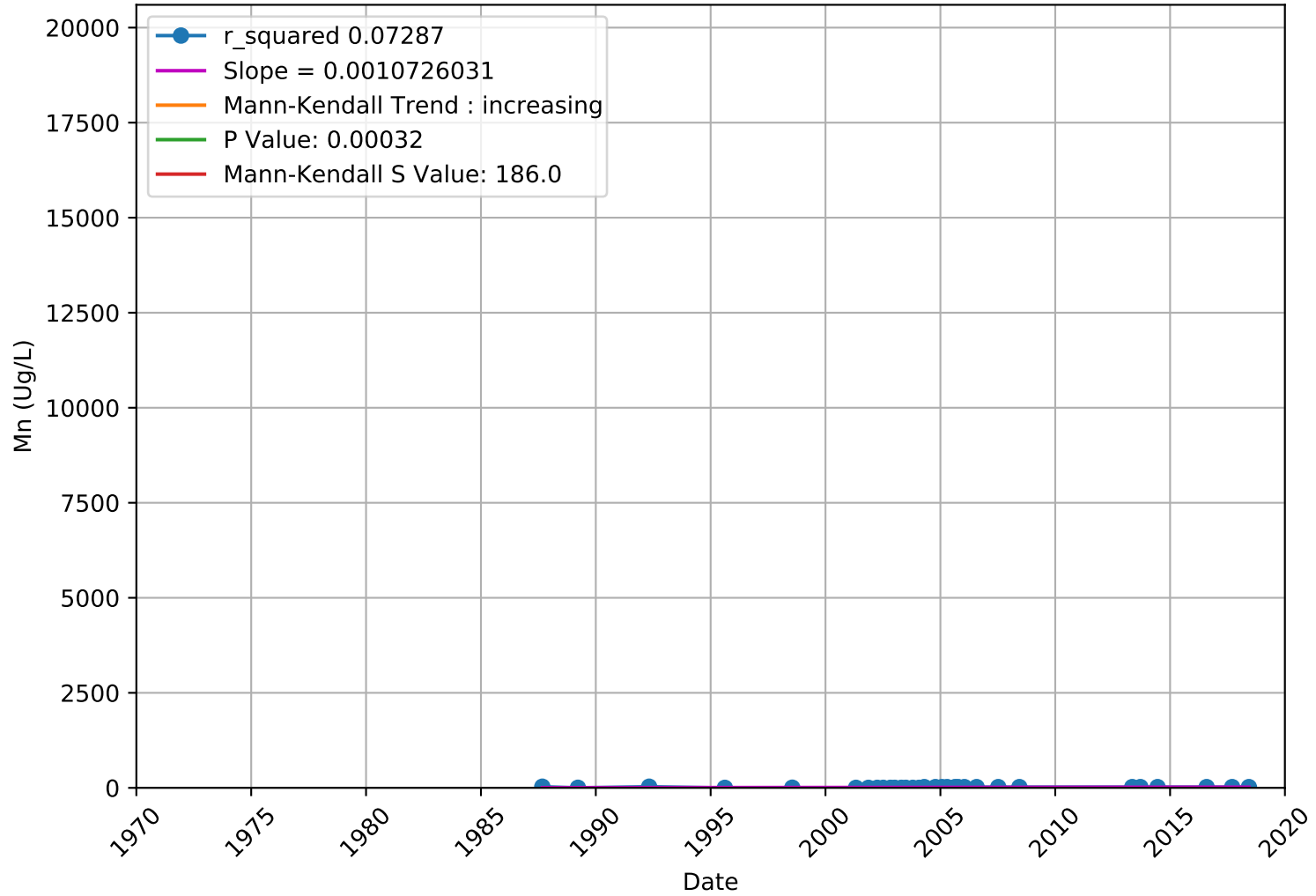


Manganese

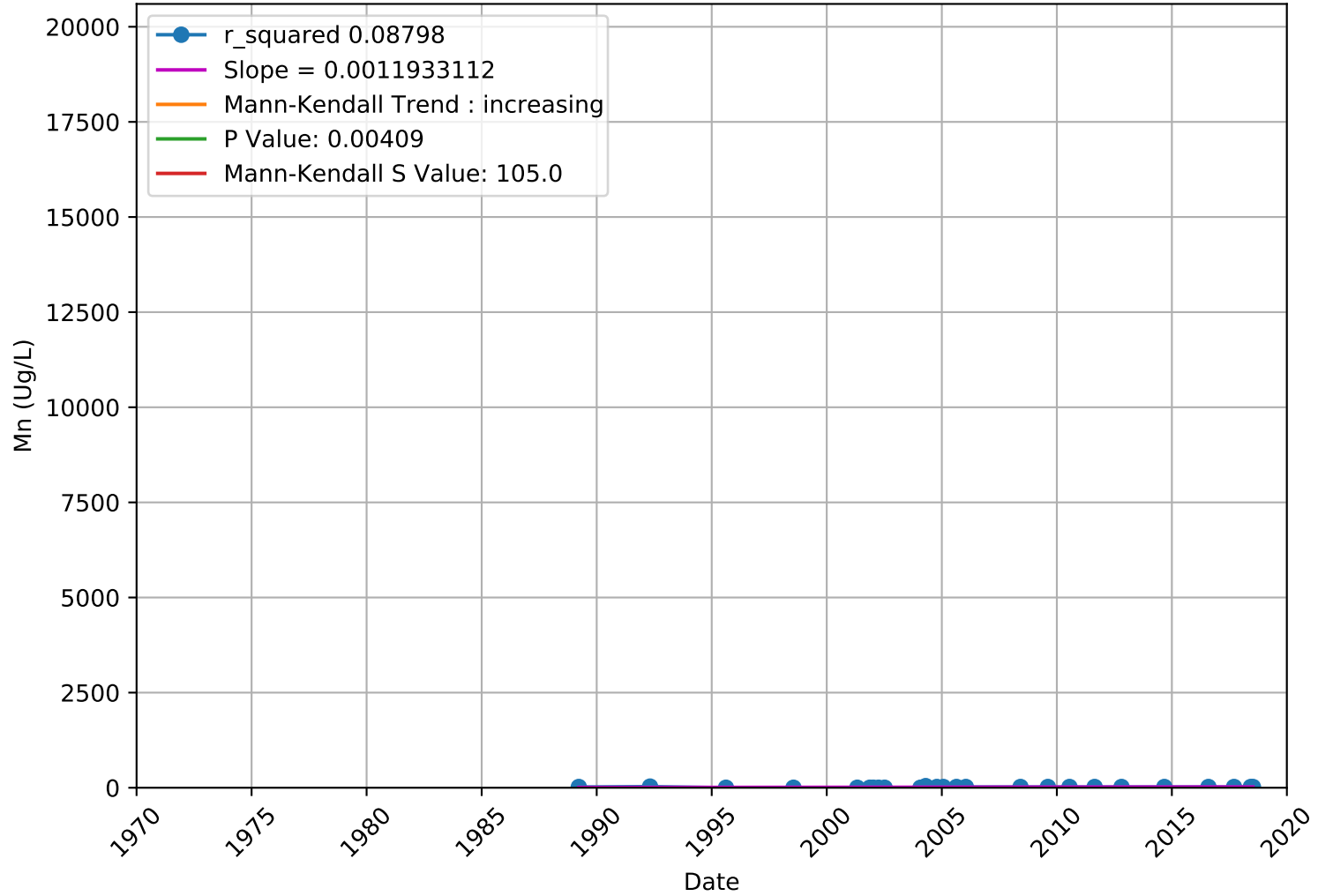
3910005-044 - Unknown Aquifer



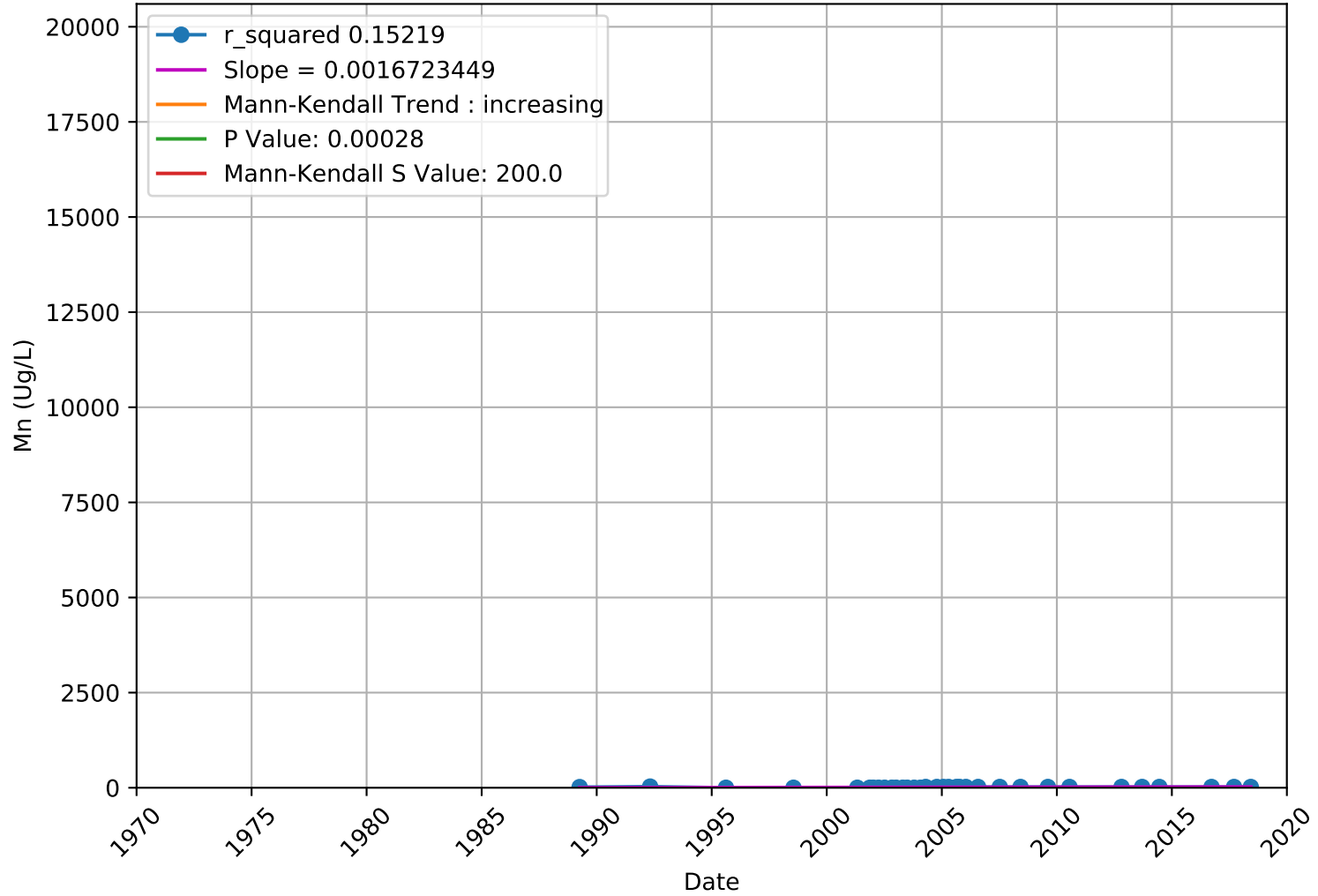
Manganese 3910011-003 - Lower Aquifer



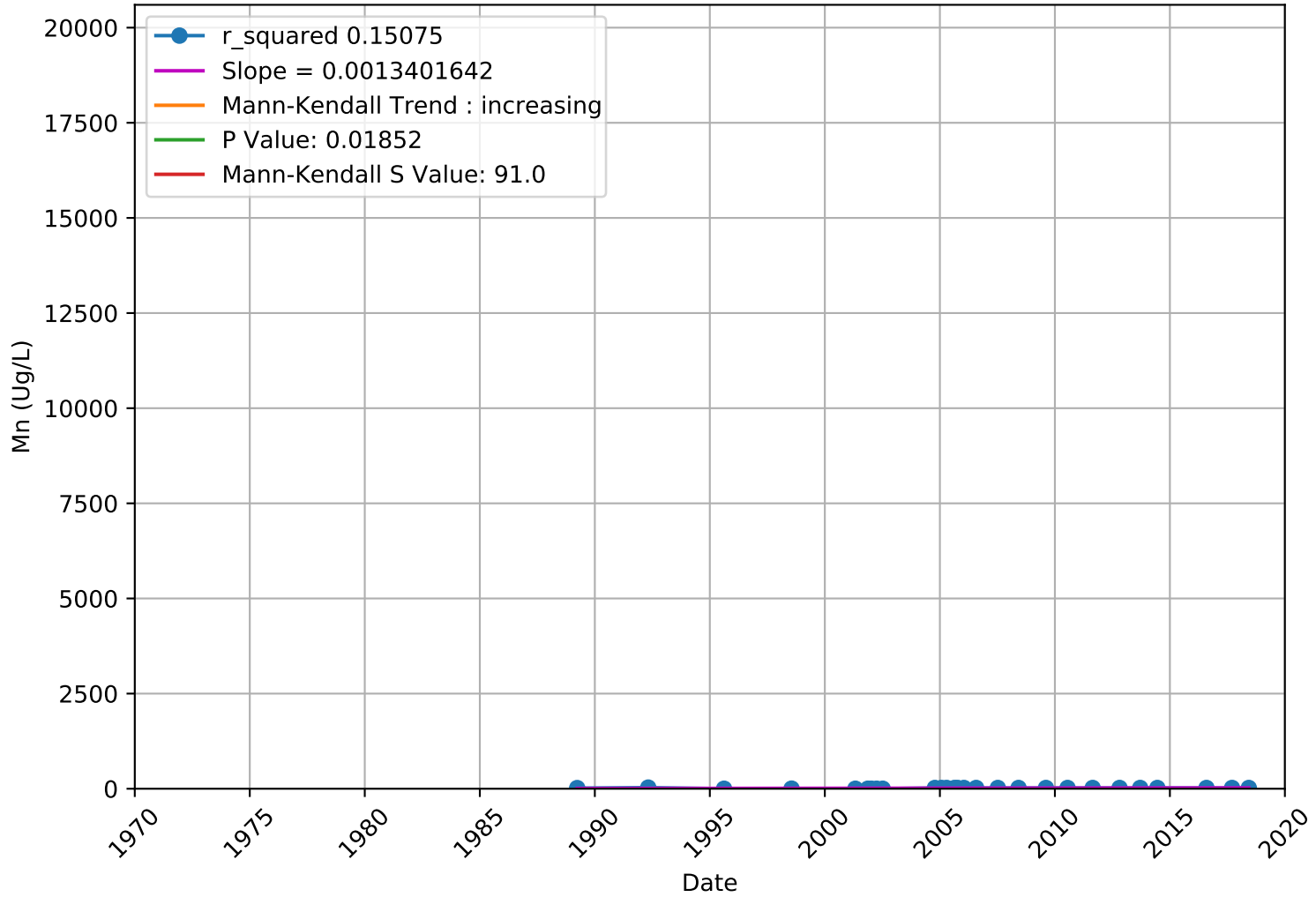
Manganese 3910011-004 - Lower Aquifer



Manganese 3910011-005 - Lower Aquifer

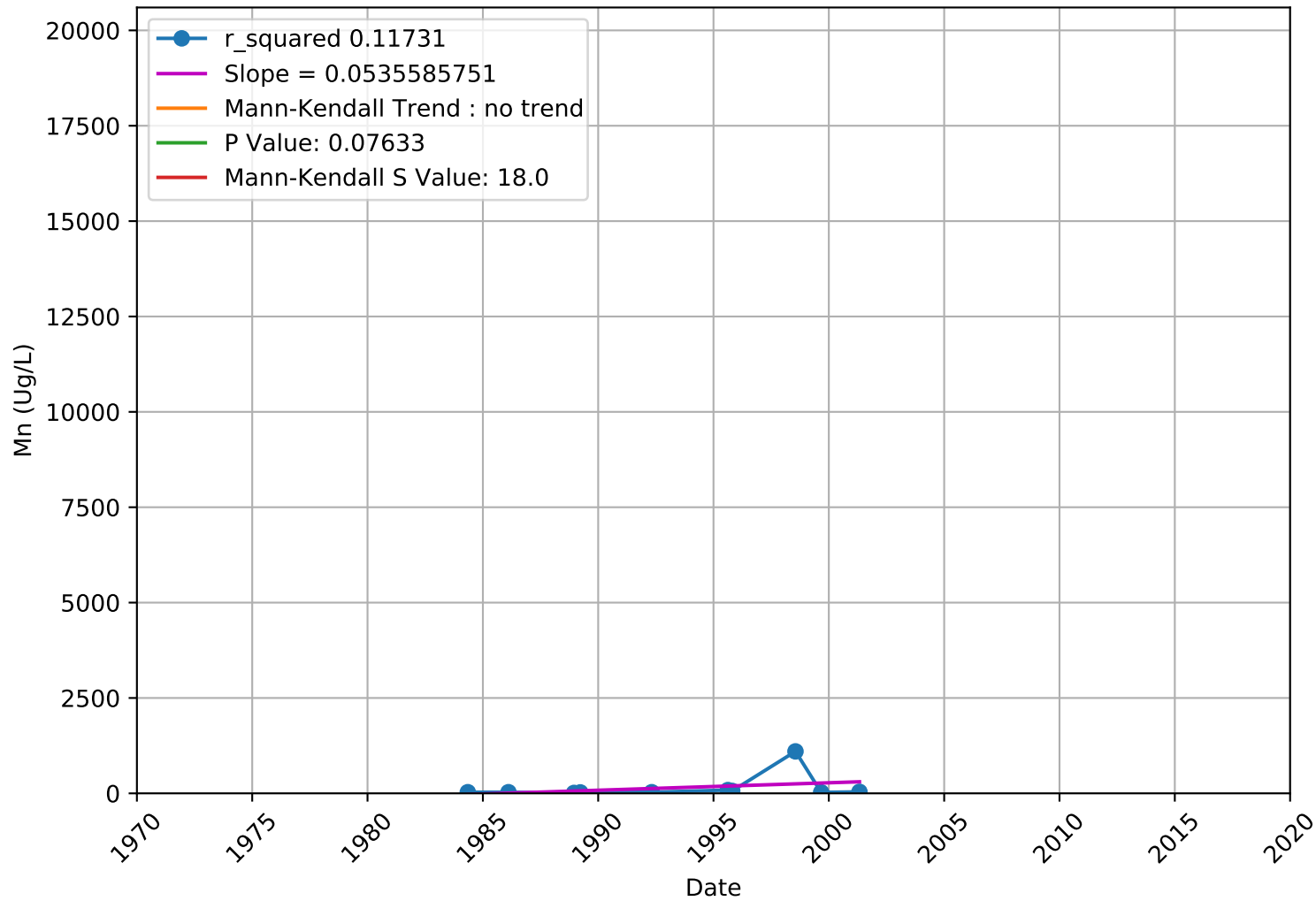


Manganese 3910011-006 - Lower Aquifer



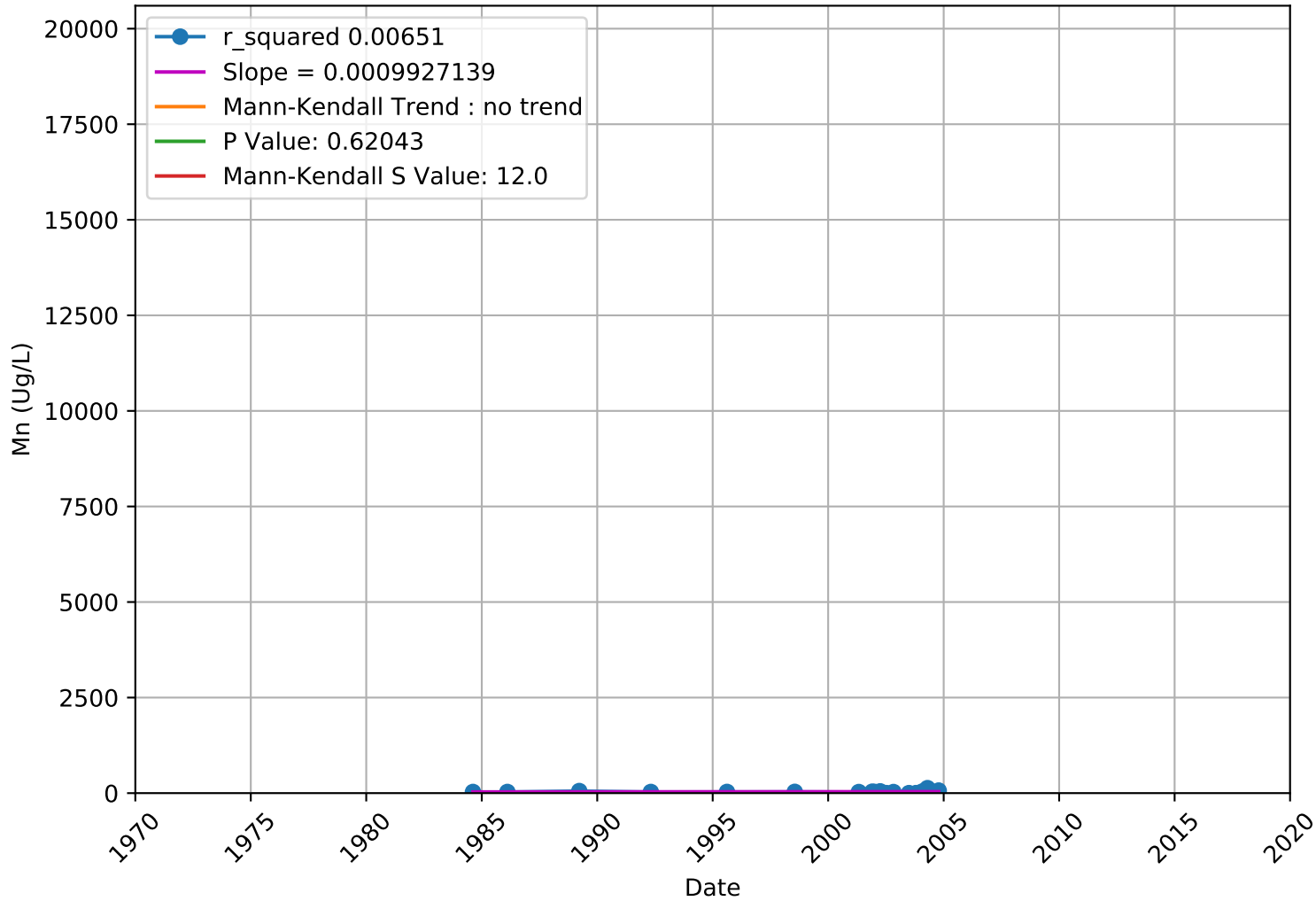
Manganese

3910011-007 - Unknown Aquifer

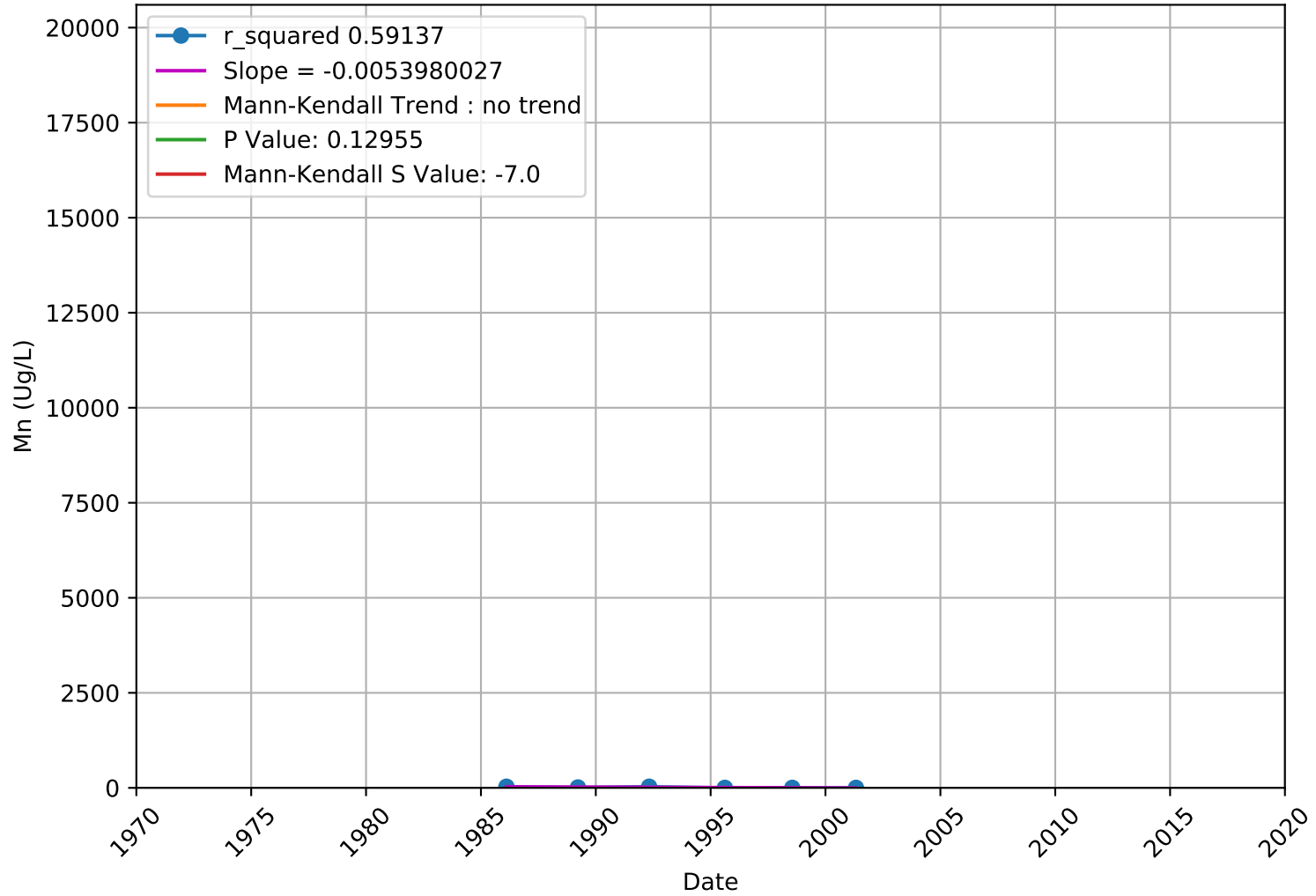


Manganese

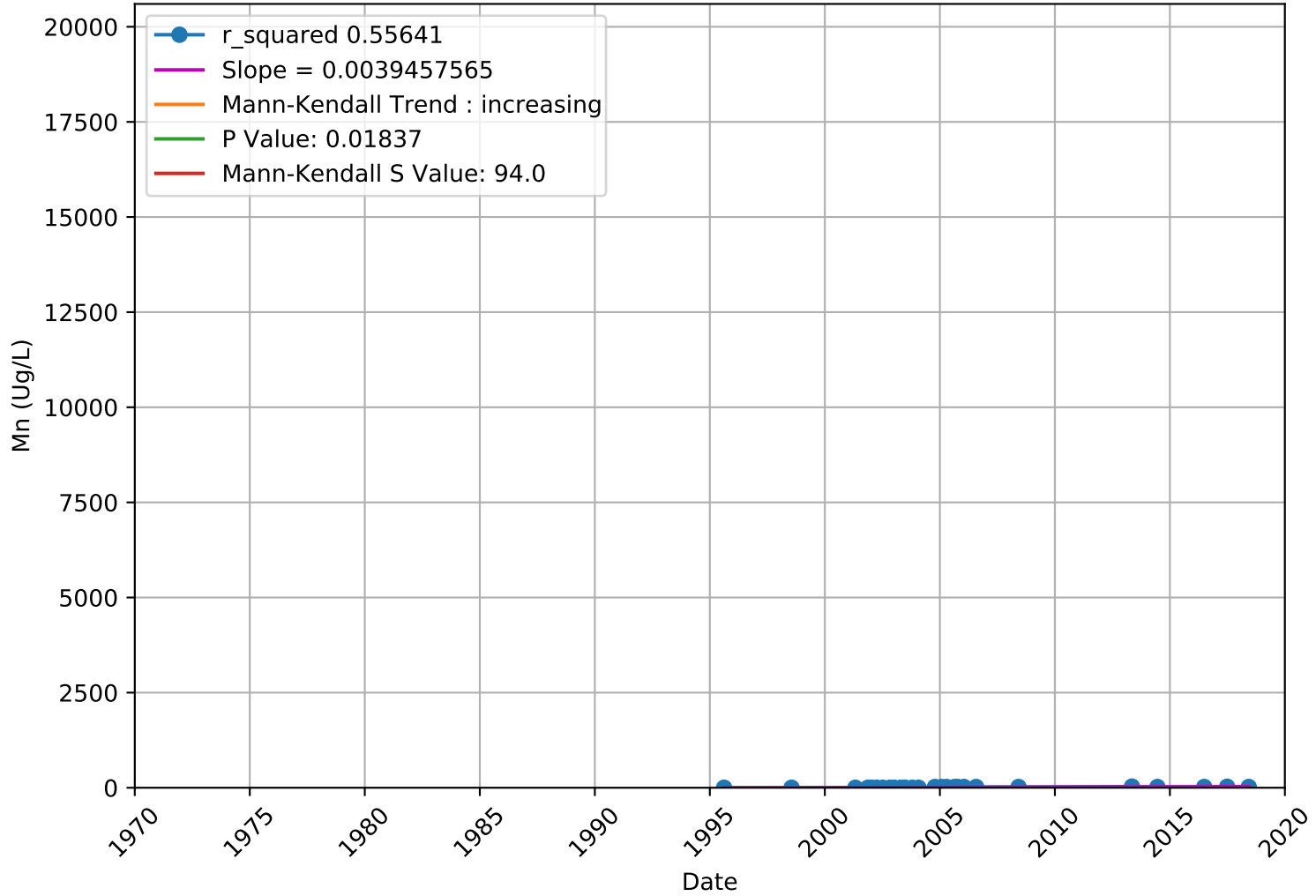
3910011-010 - Unknown Aquifer



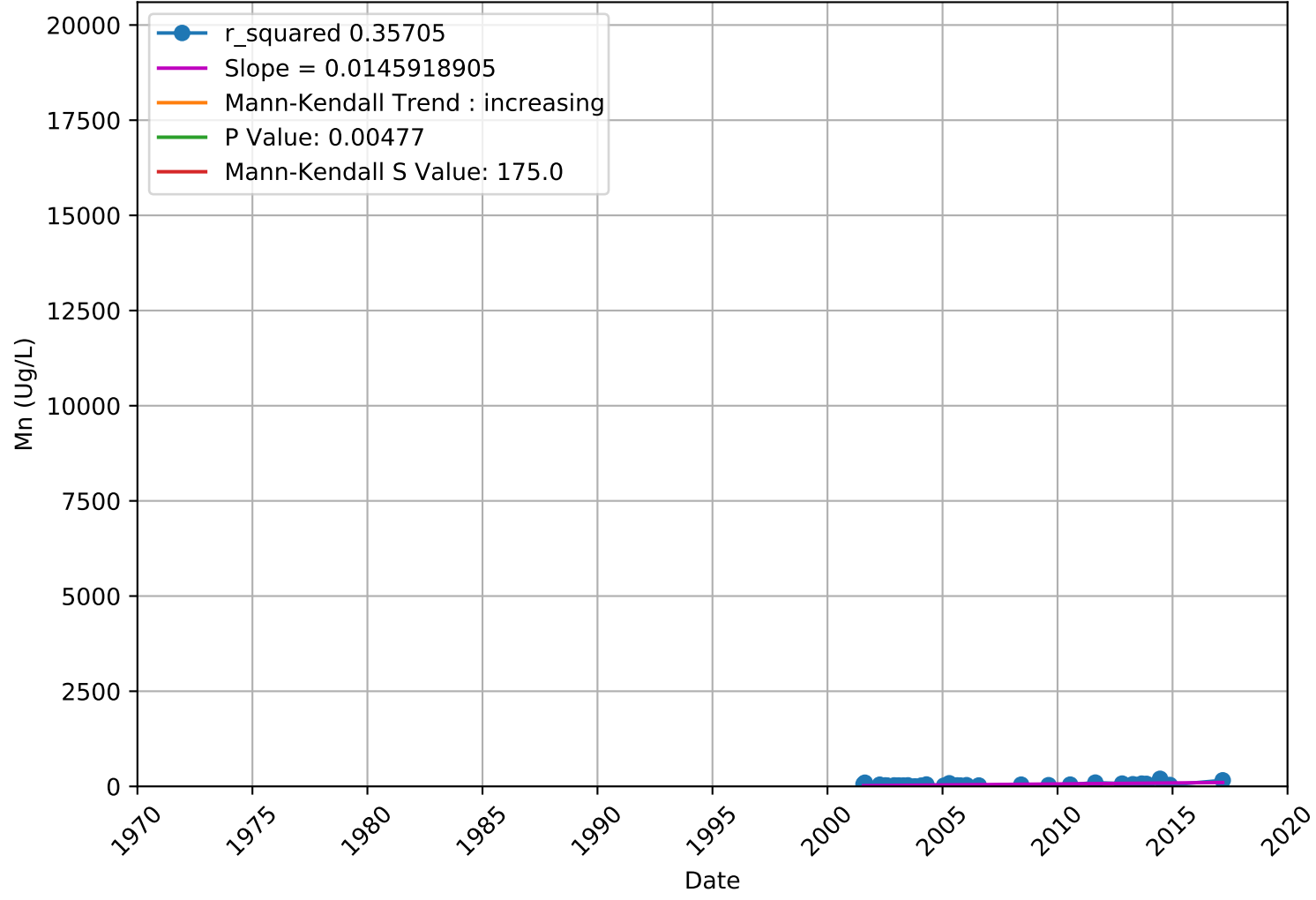
Manganese 3910011-017 - Unknown Aquifer



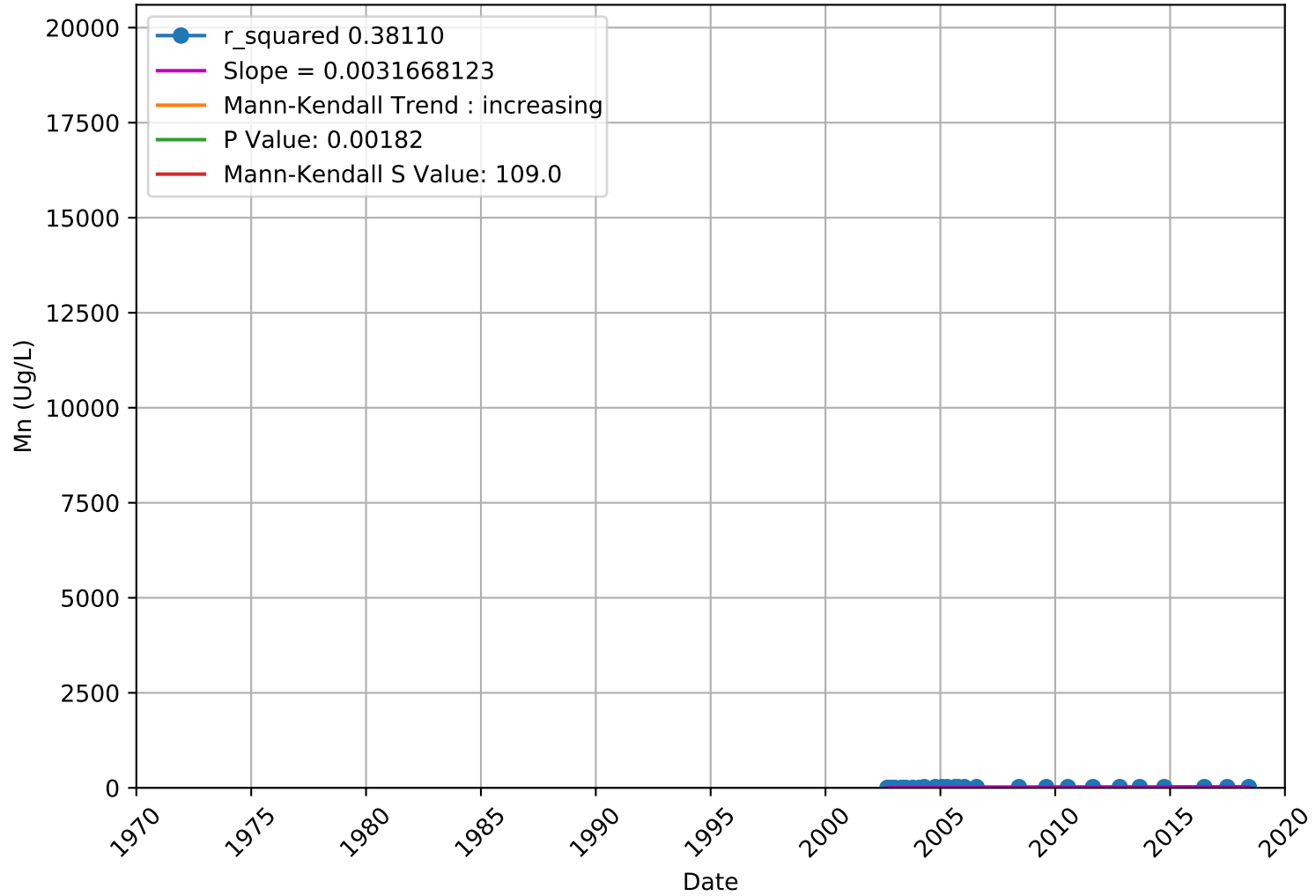
Manganese 3910011-018 - Lower Aquifer



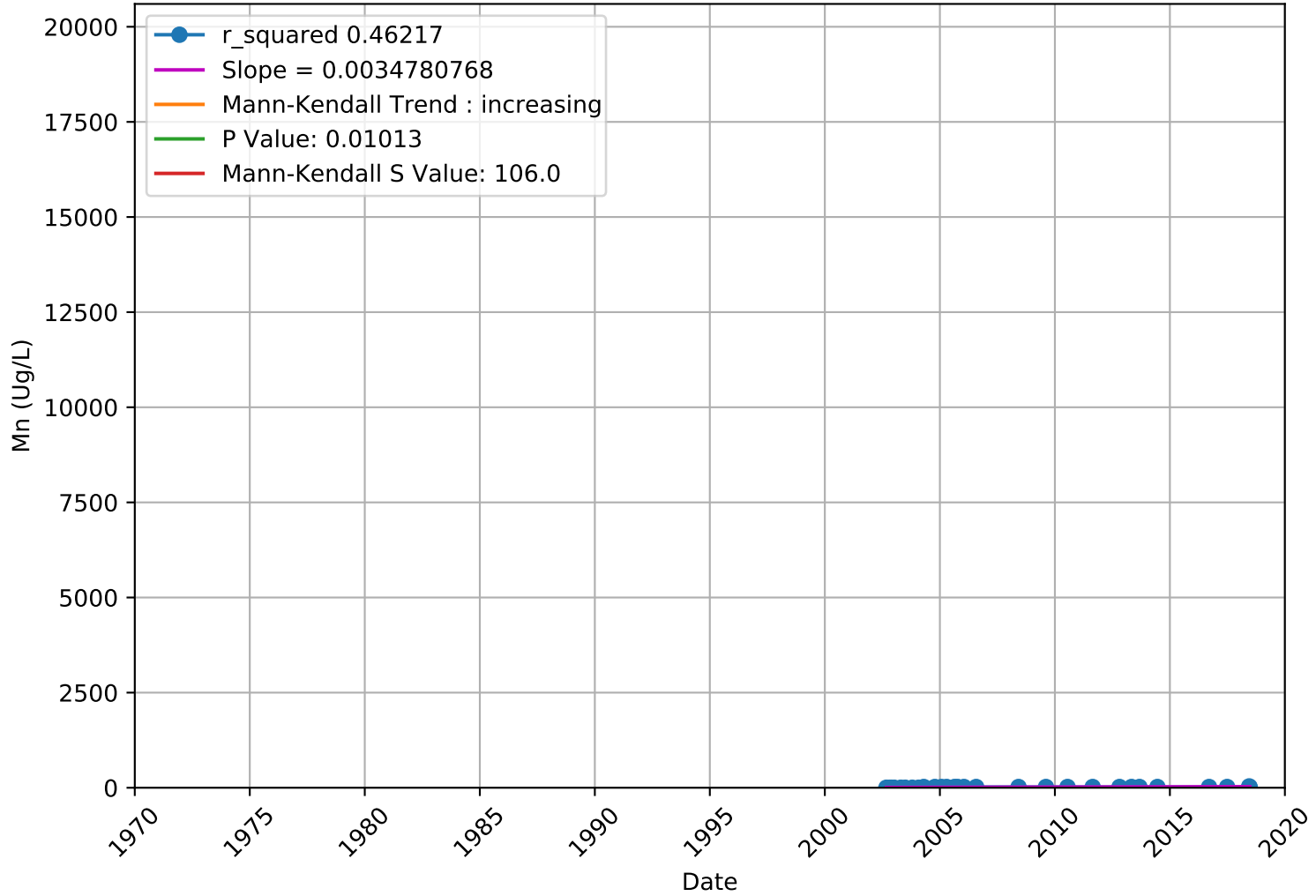
Manganese 3910011-030 - Lower Aquifer



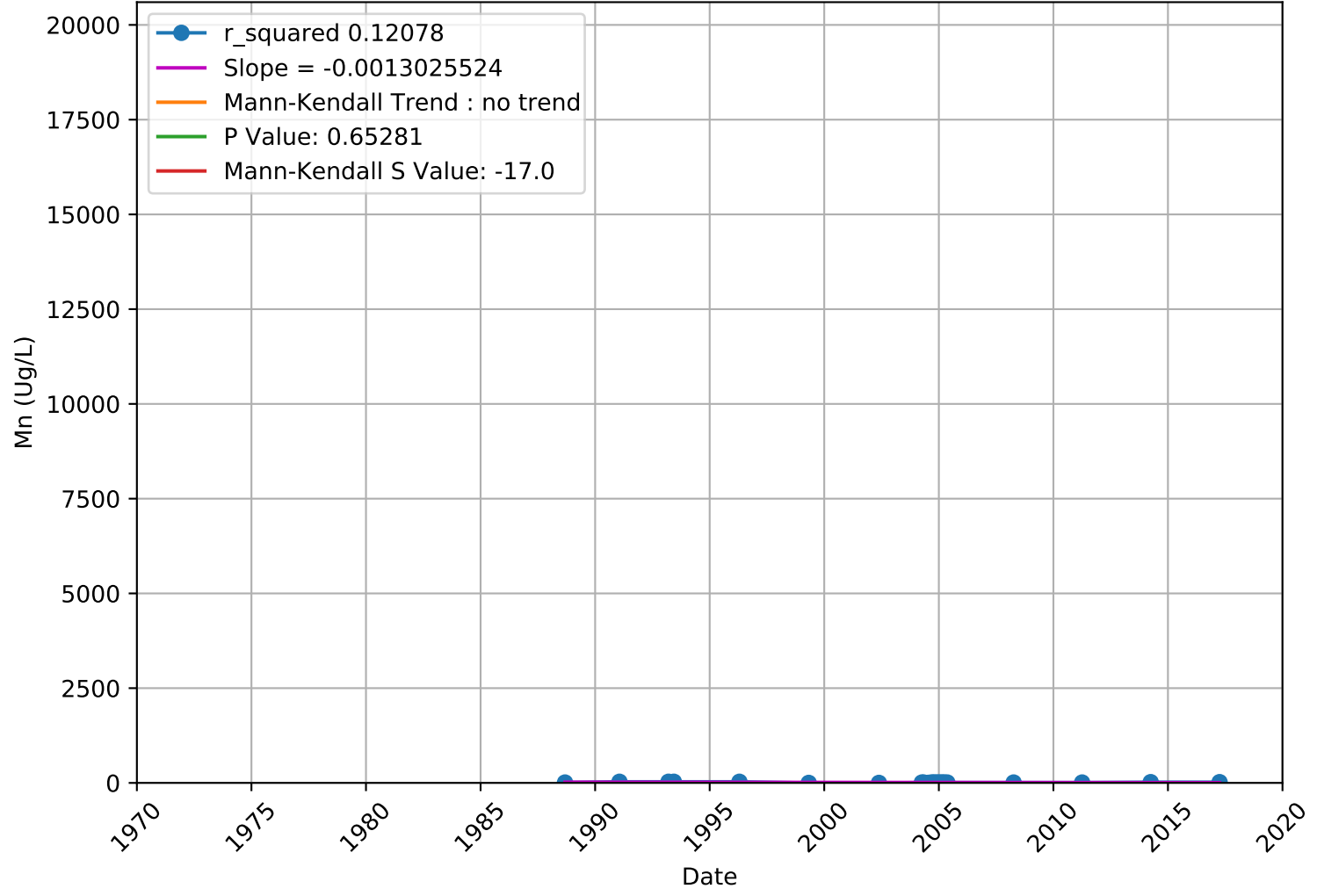
Manganese 3910011-032 - Lower Aquifer



Manganese 3910011-034 - Lower Aquifer

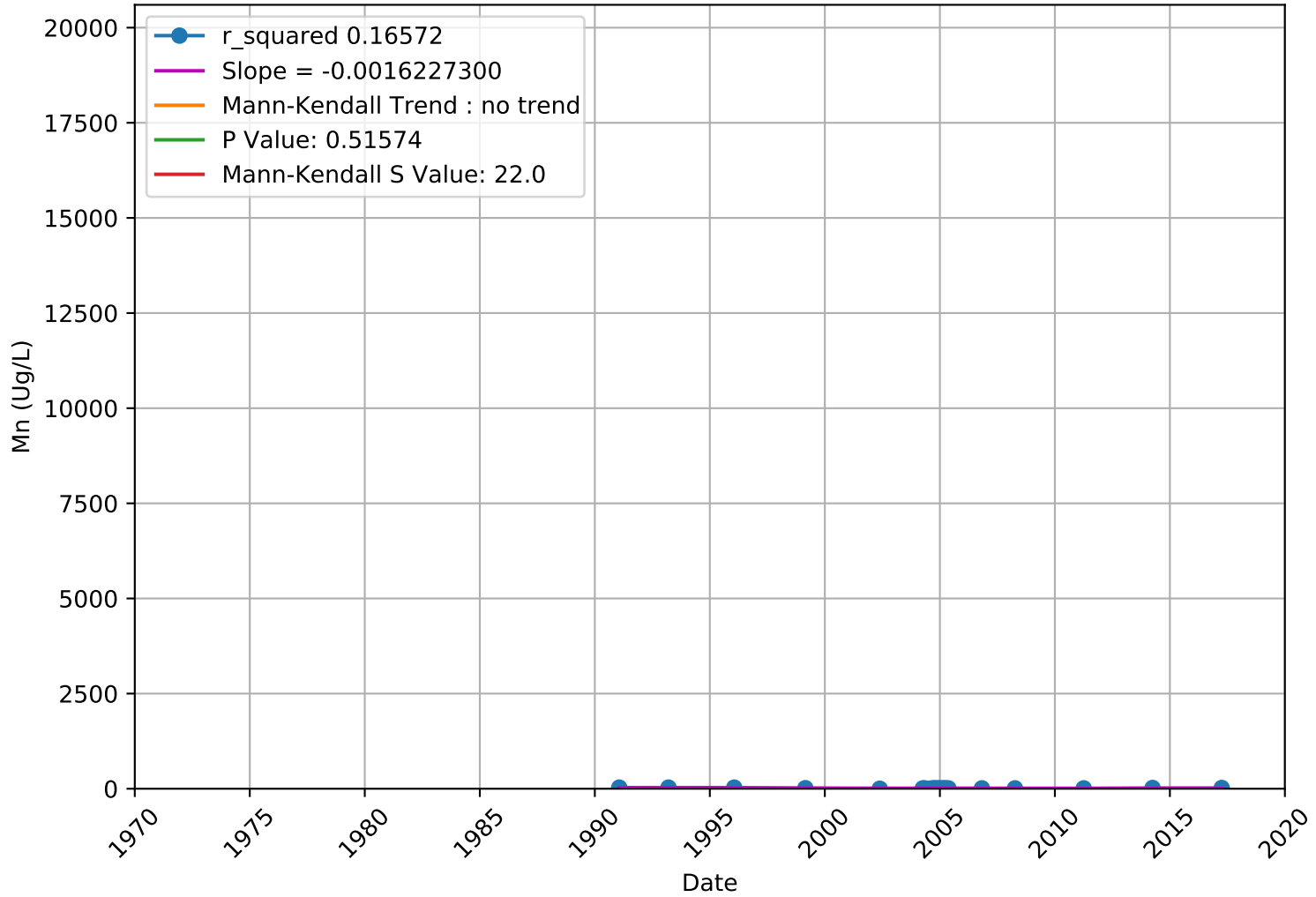


Manganese 3910015-005 - Upper Aquifer

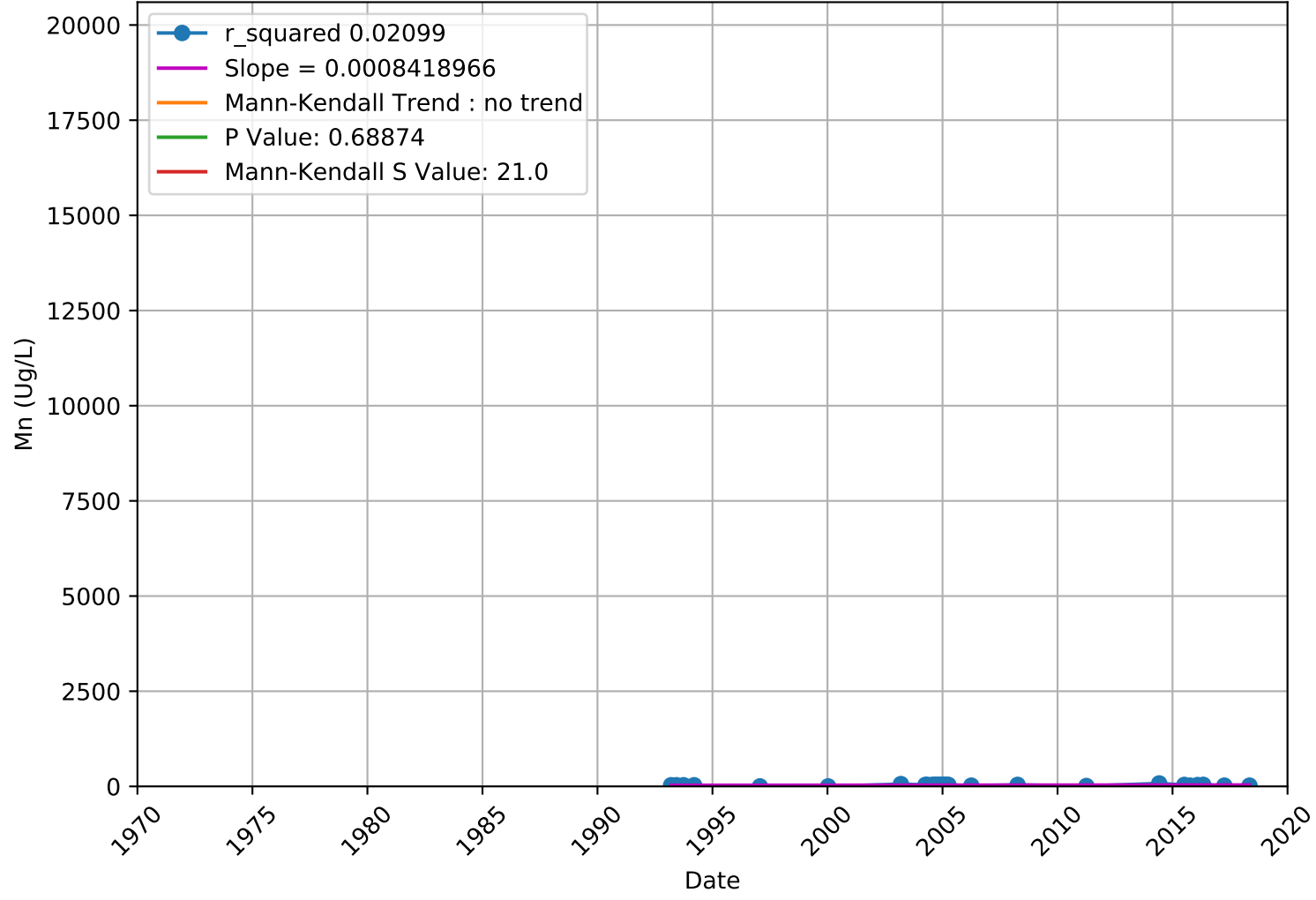


Manganese

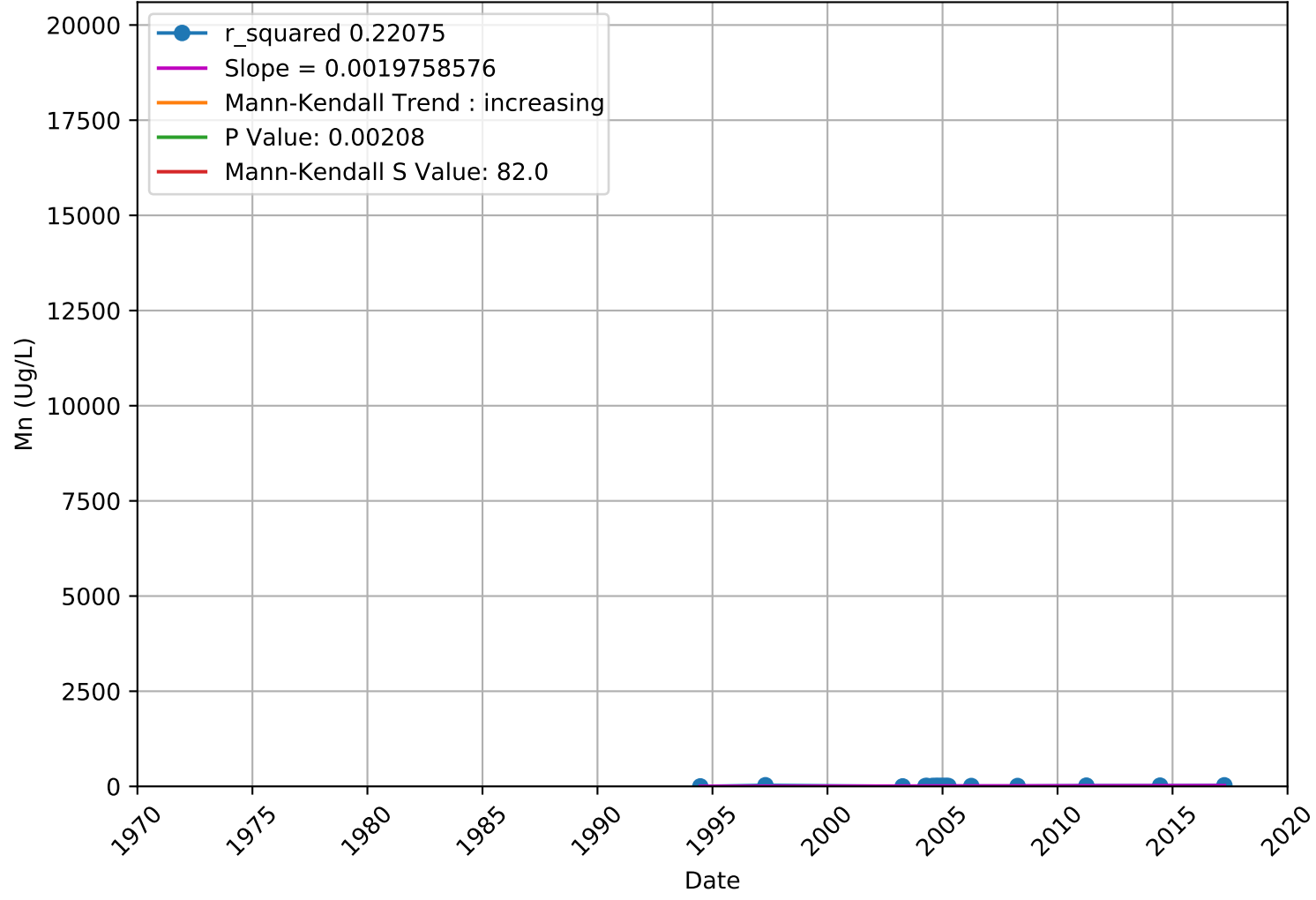
3910015-006 - Upper Aquifer



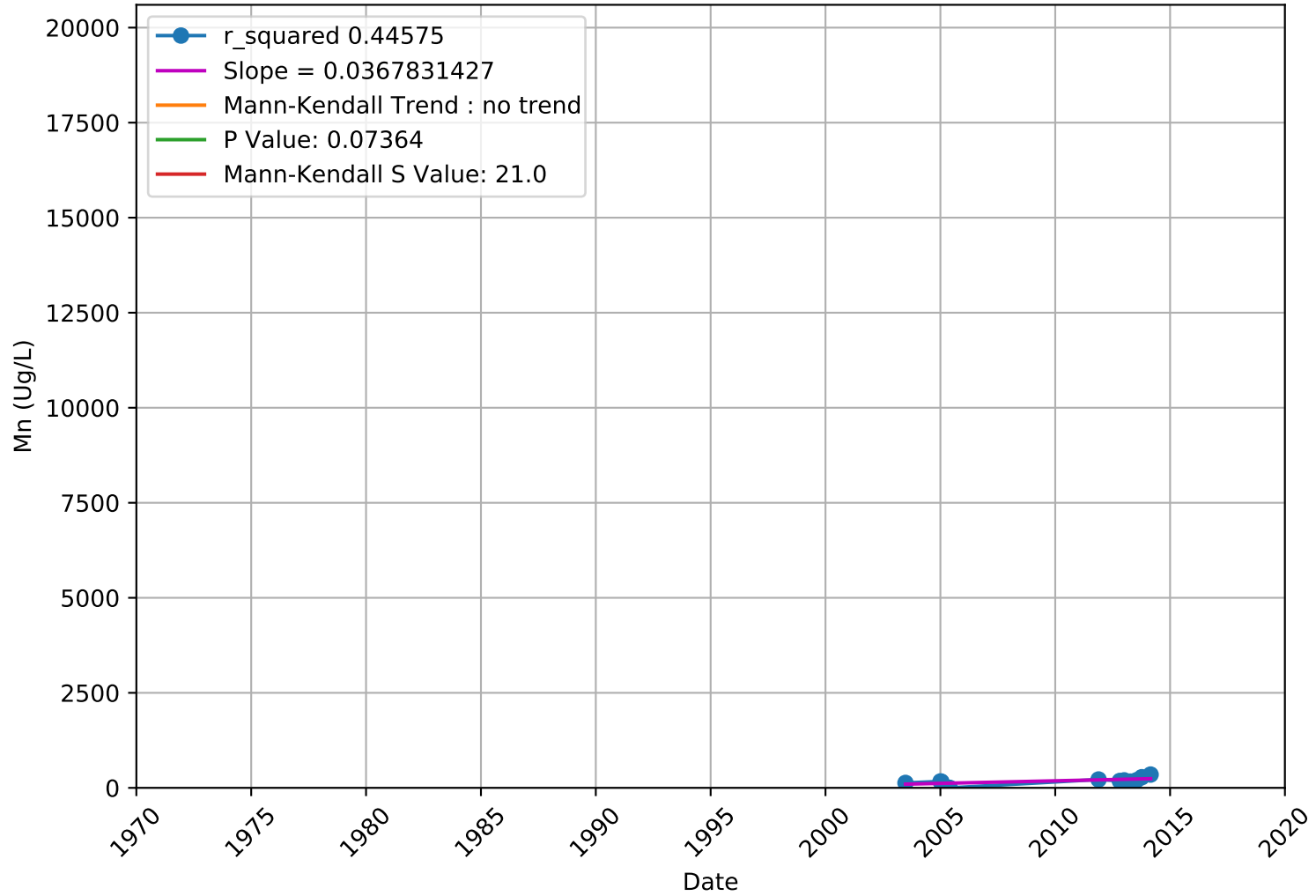
Manganese 3910015-007 - Upper Aquifer



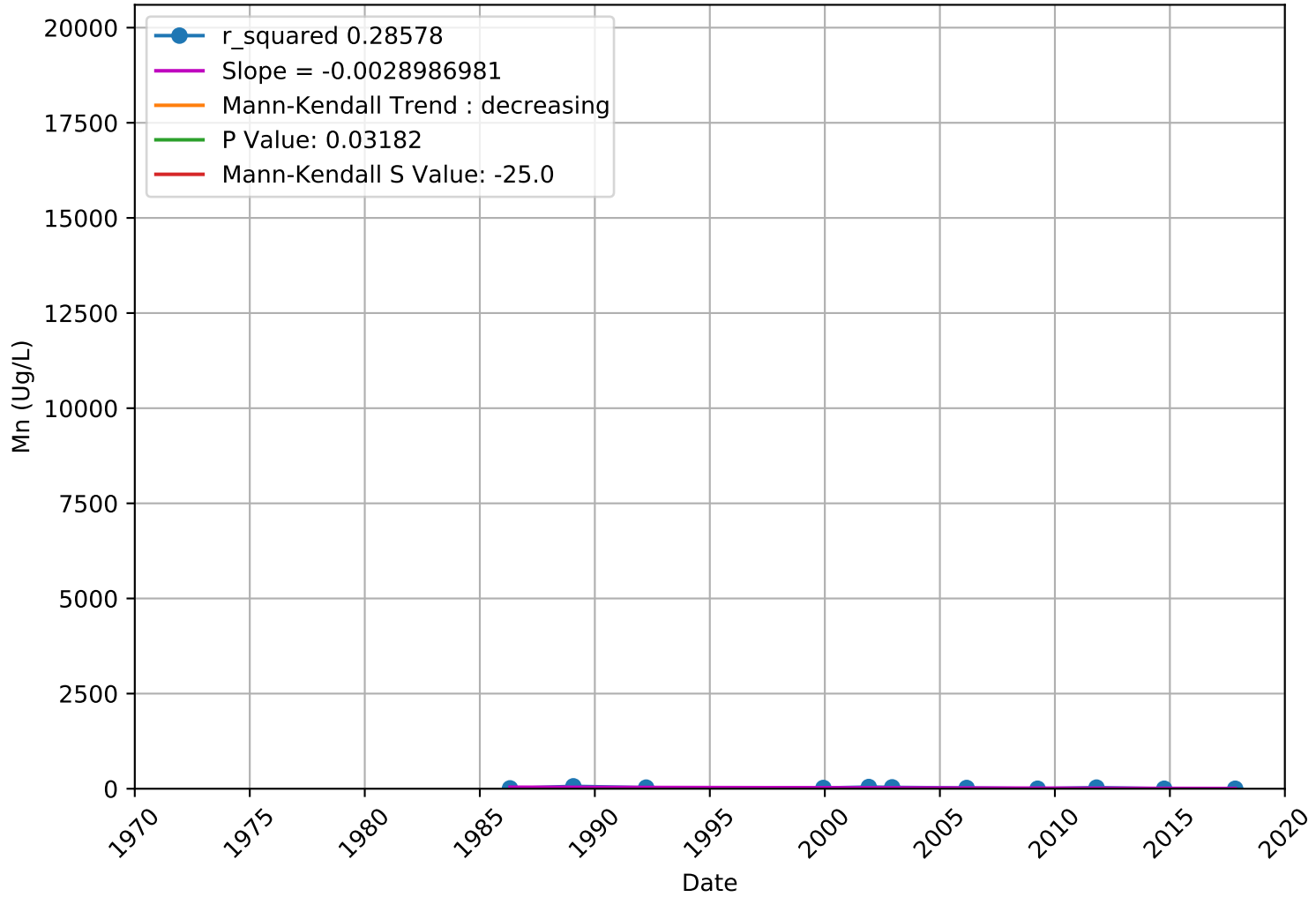
Manganese 3910015-008 - Upper Aquifer



Manganese 3910015-013 - Unknown Aquifer

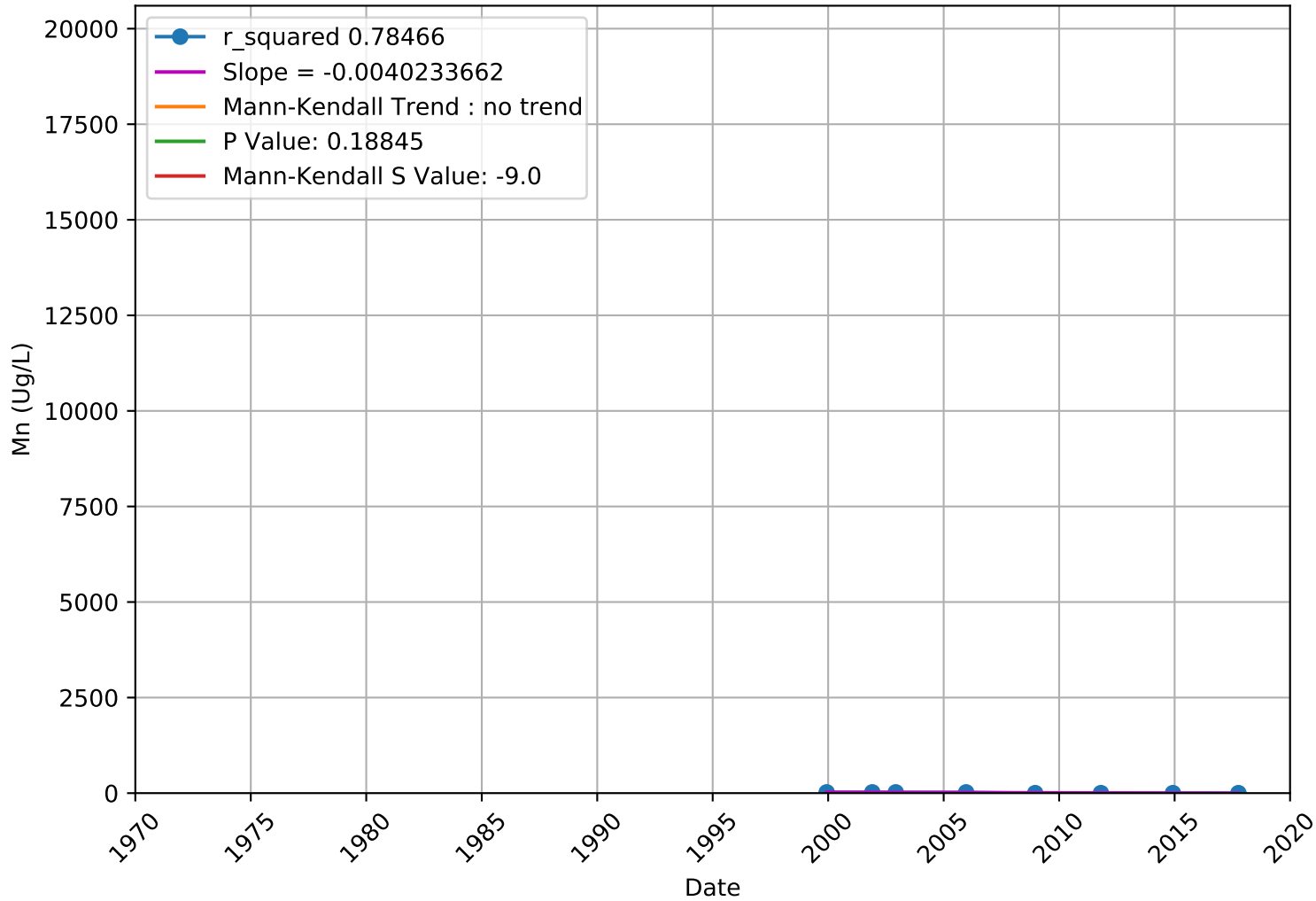


Manganese 3910018-001 - Unknown Aquifer

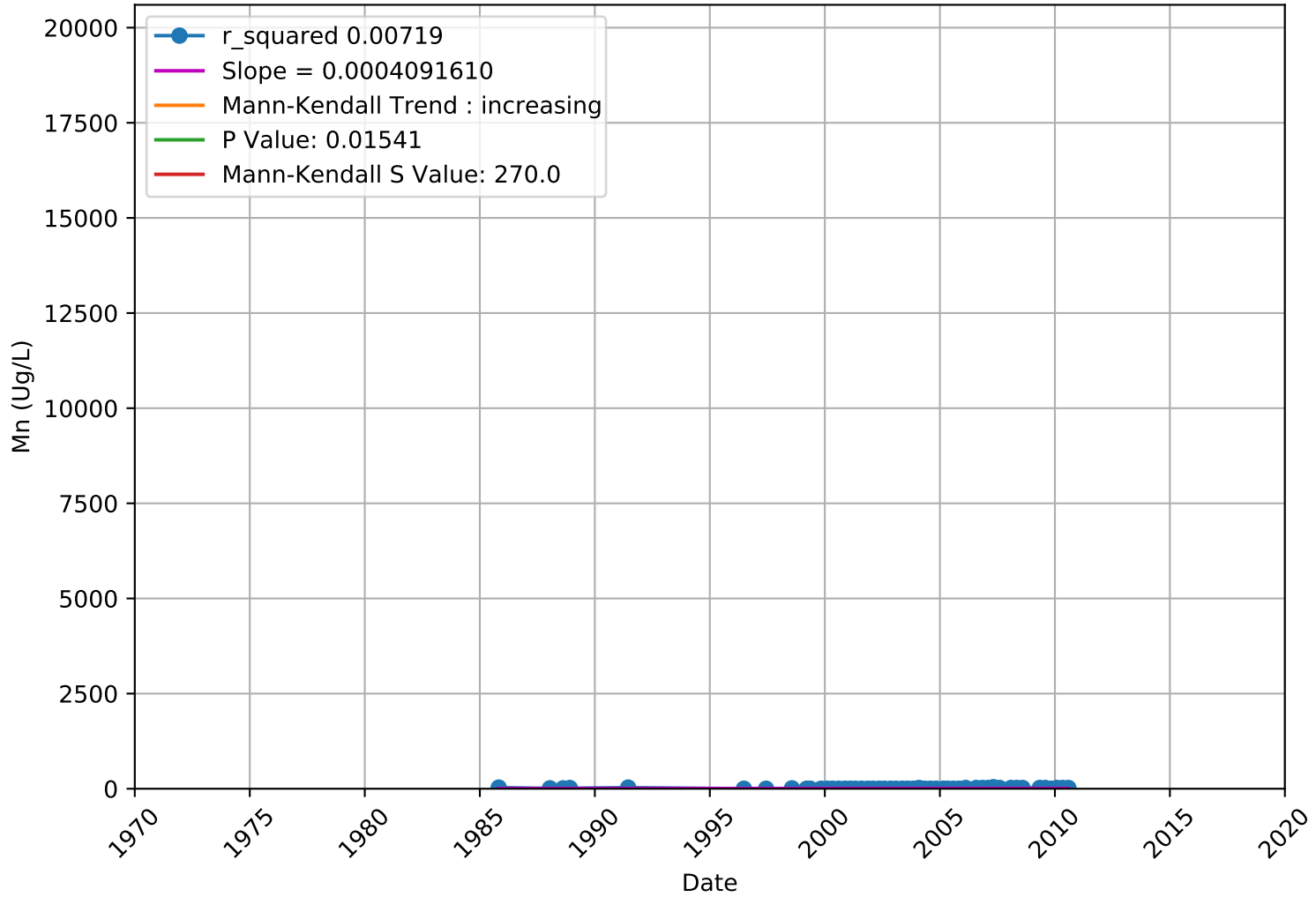


Manganese

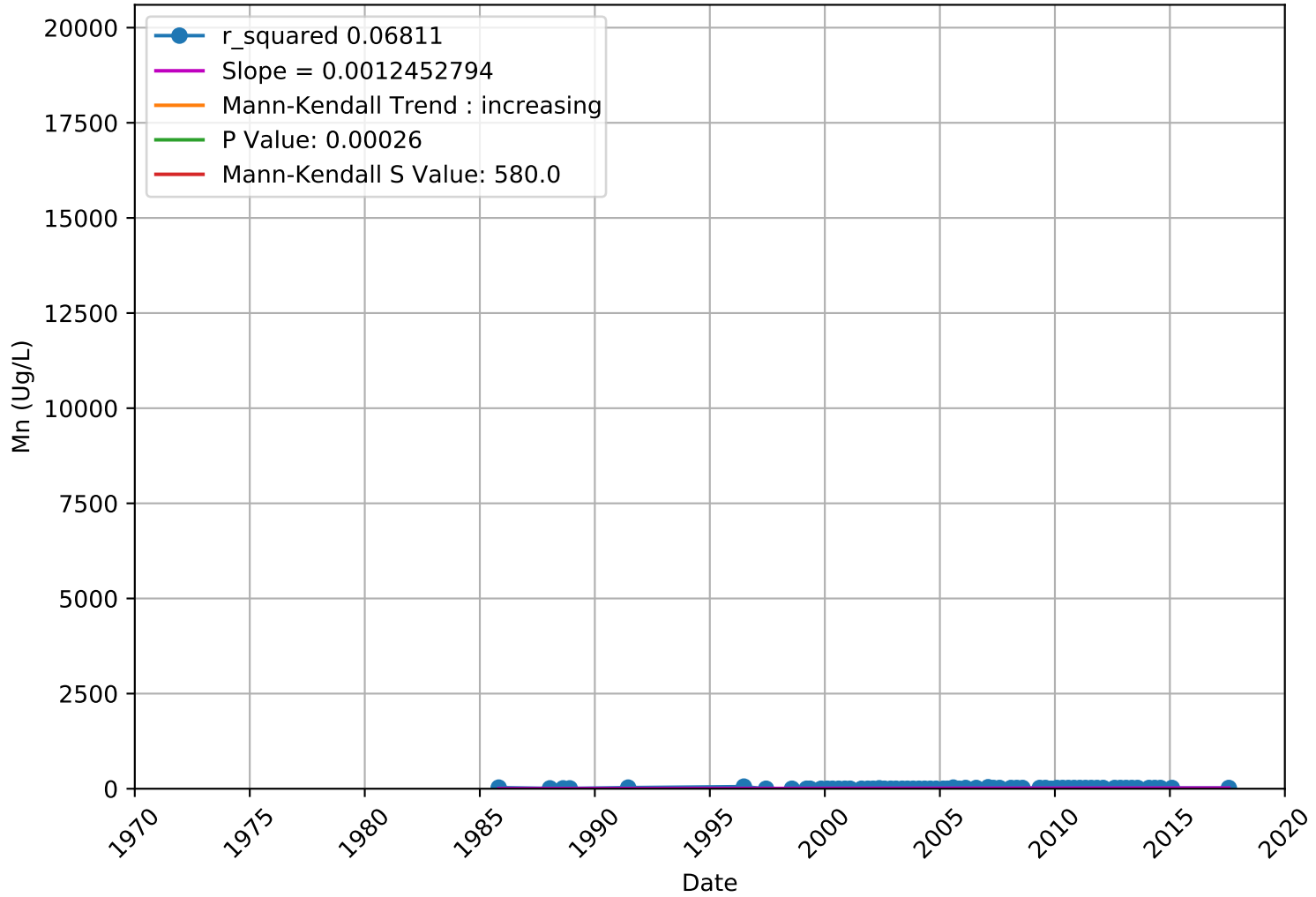
3910018-004 - Unknown Aquifer



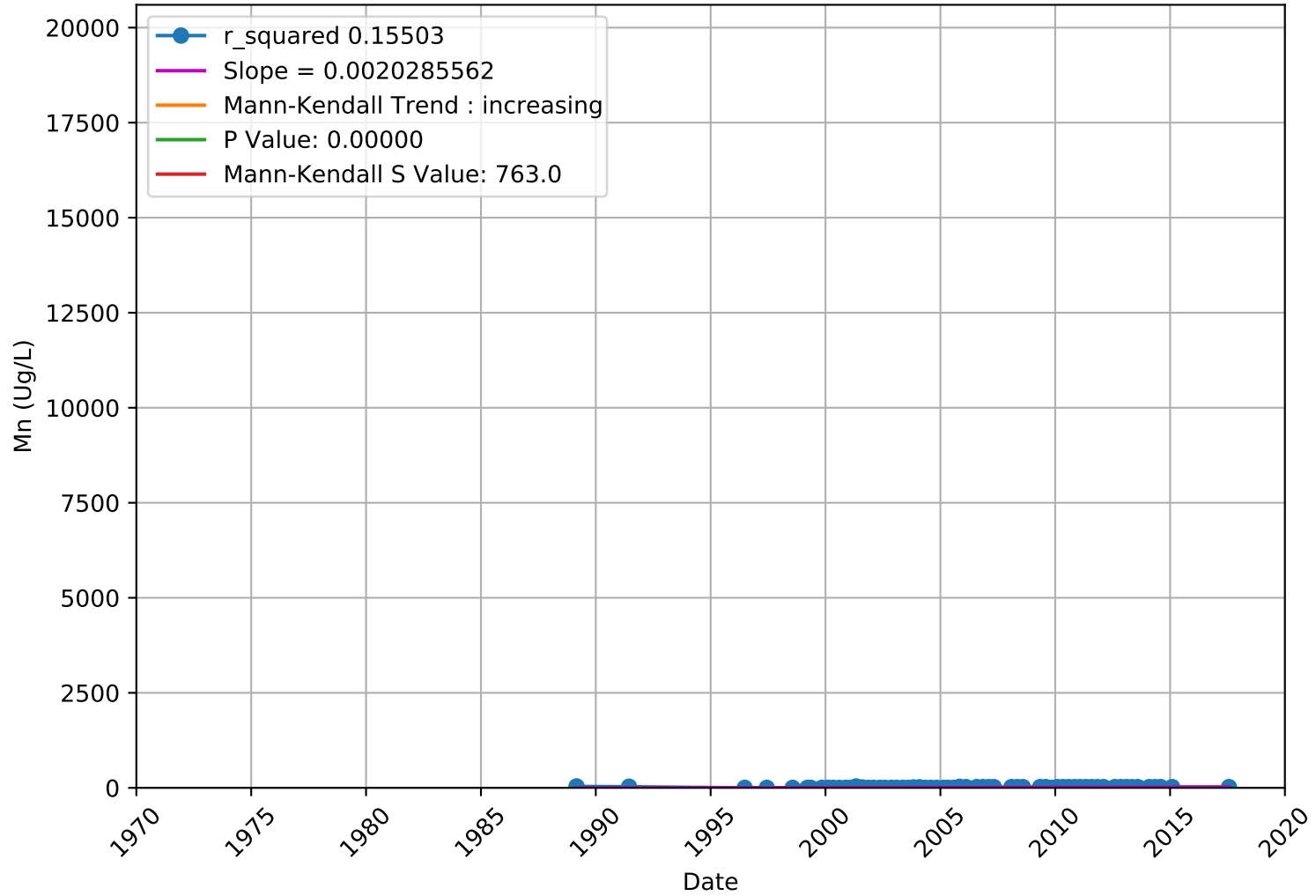
Manganese 3910701-001 - Unknown Aquifer



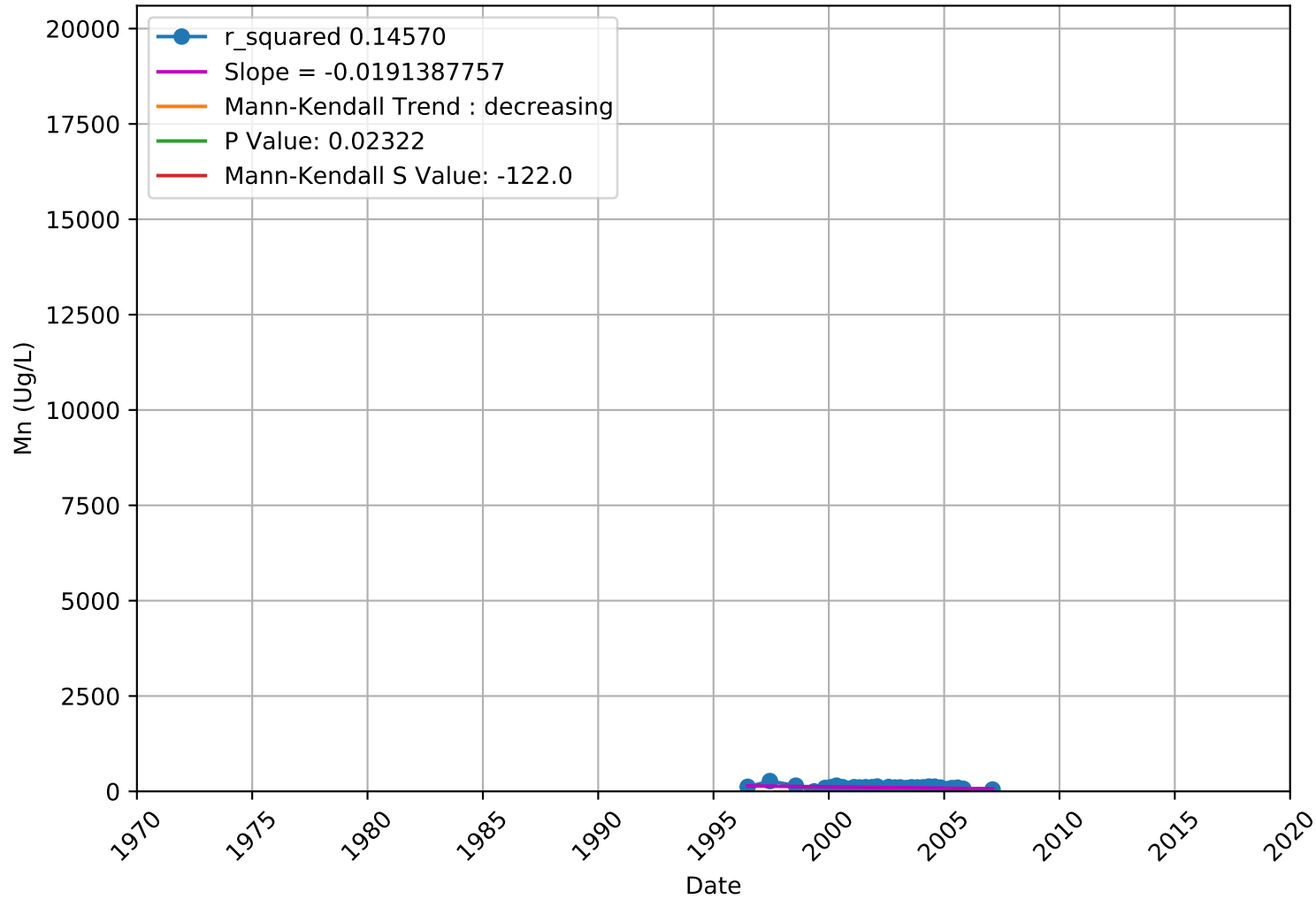
Manganese 3910701-003 - Unknown Aquifer



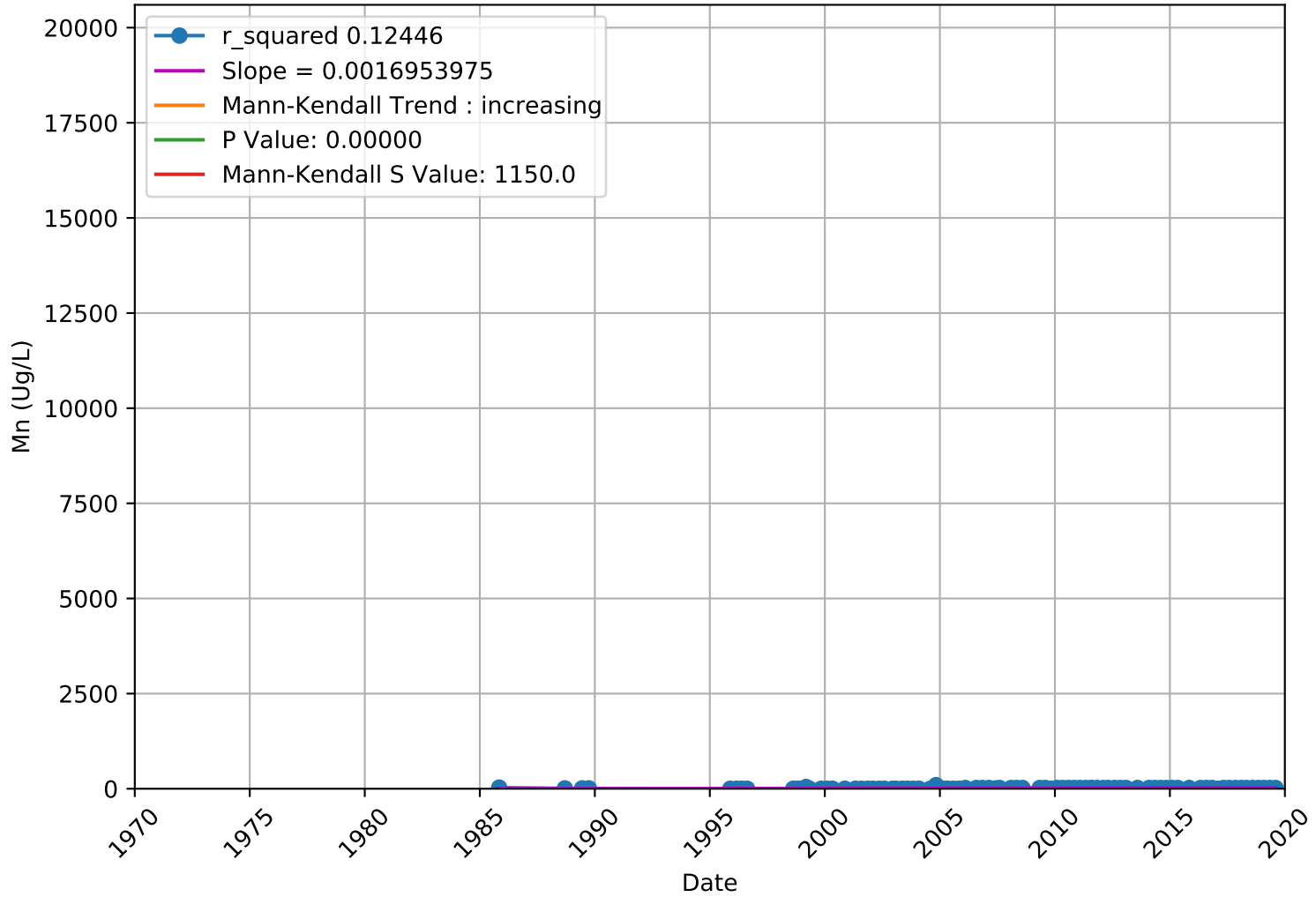
Manganese 3910701-005 - Unknown Aquifer



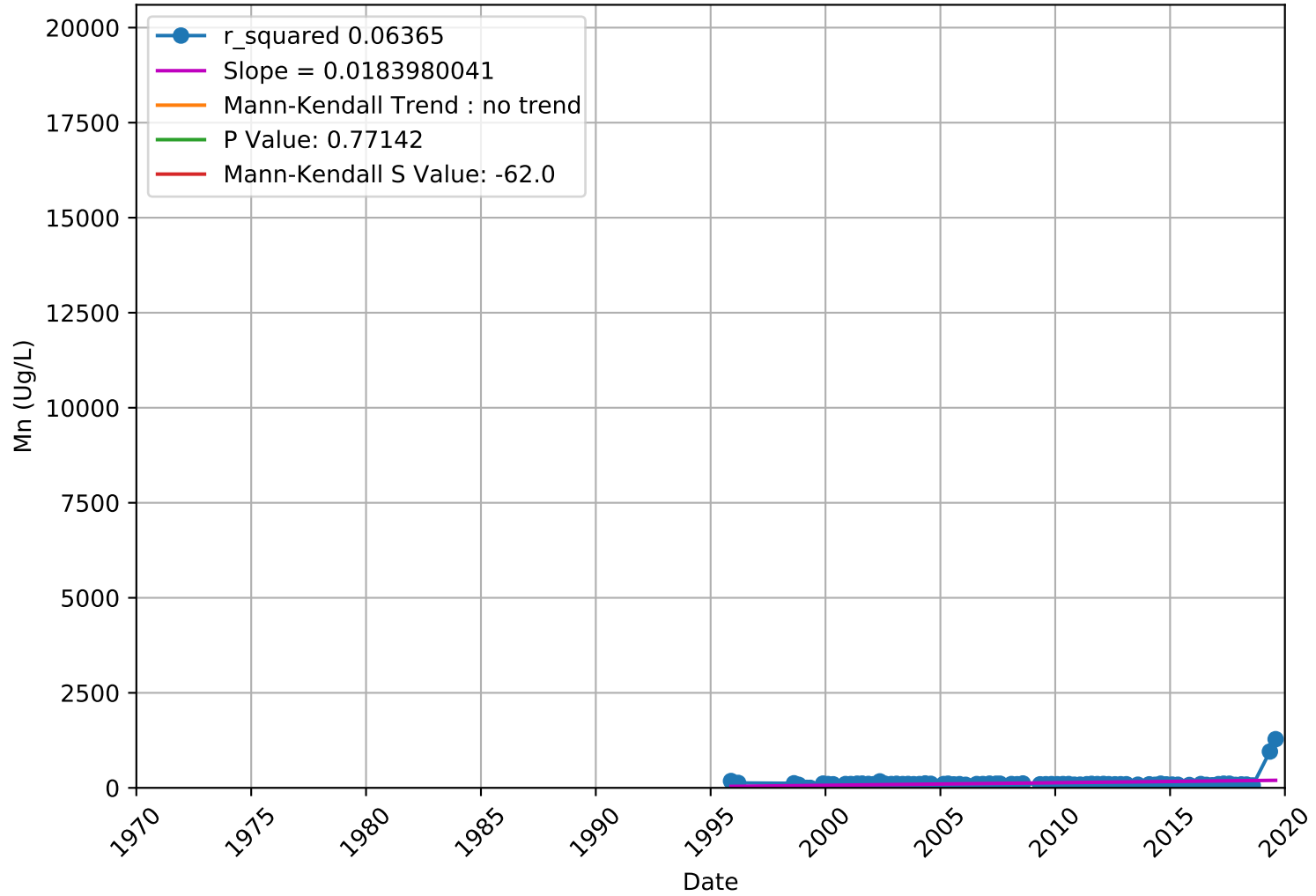
Manganese 3910701-007 - Unknown Aquifer



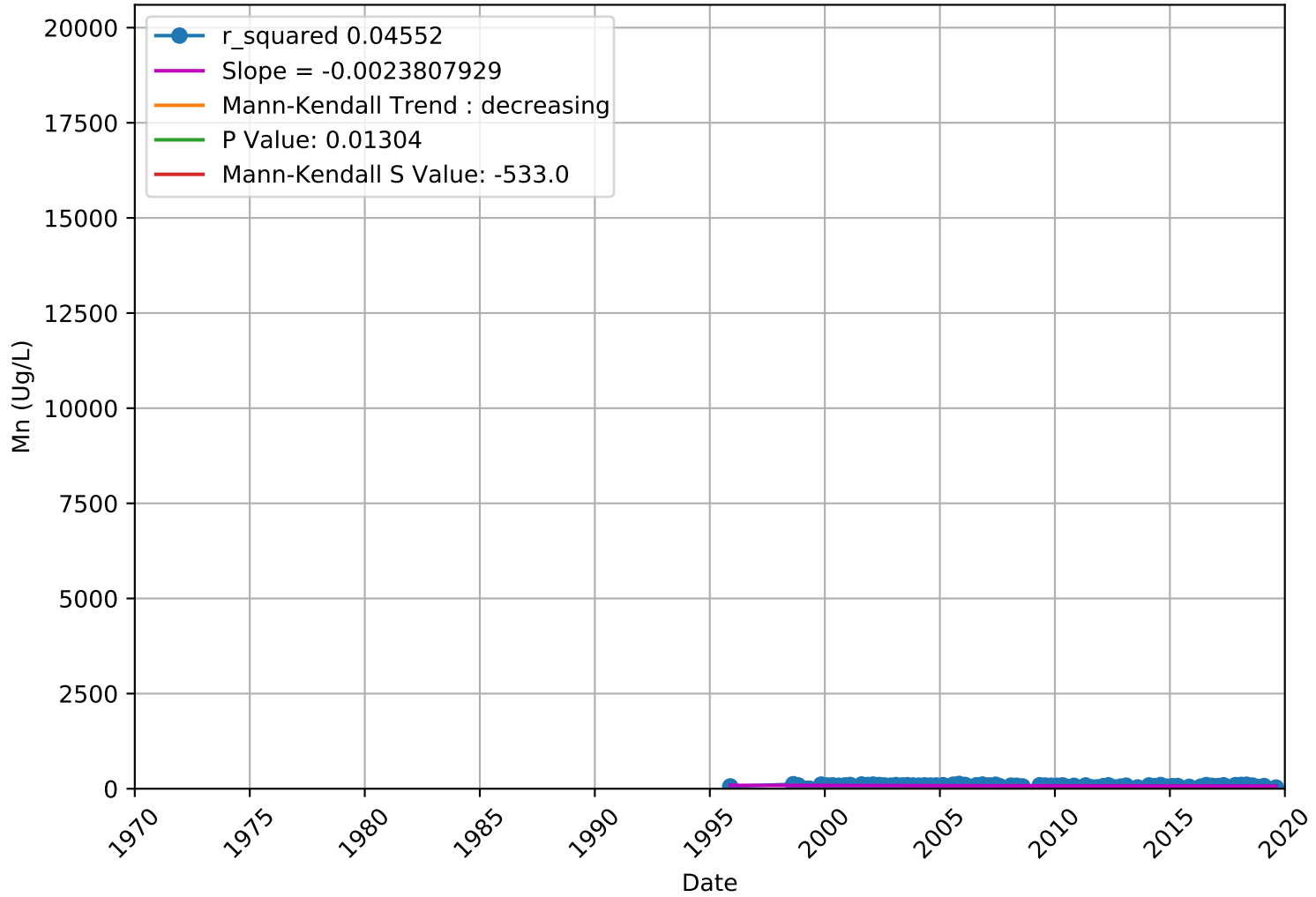
Manganese 3910702-003 - Unknown Aquifer



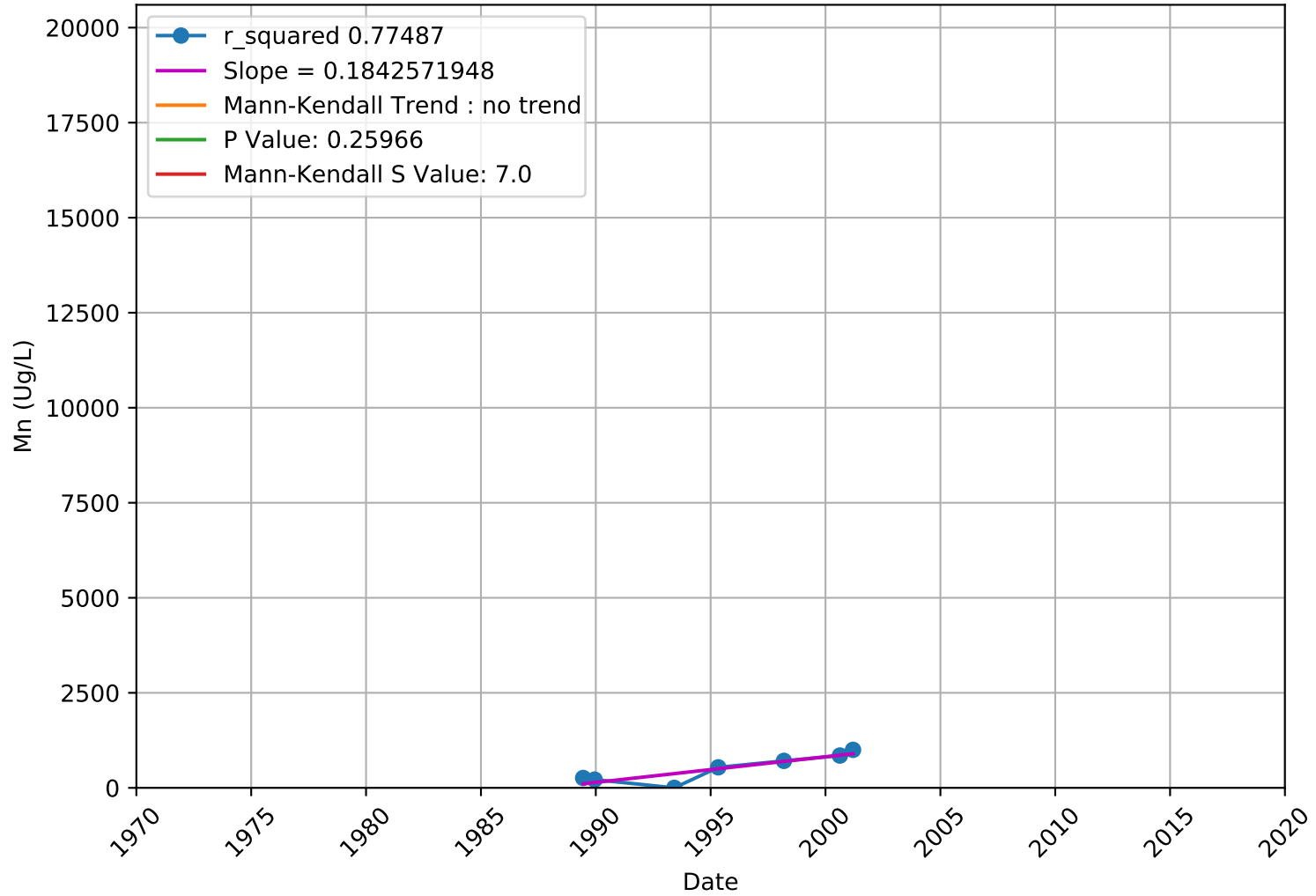
Manganese 3910702-005 - Unknown Aquifer



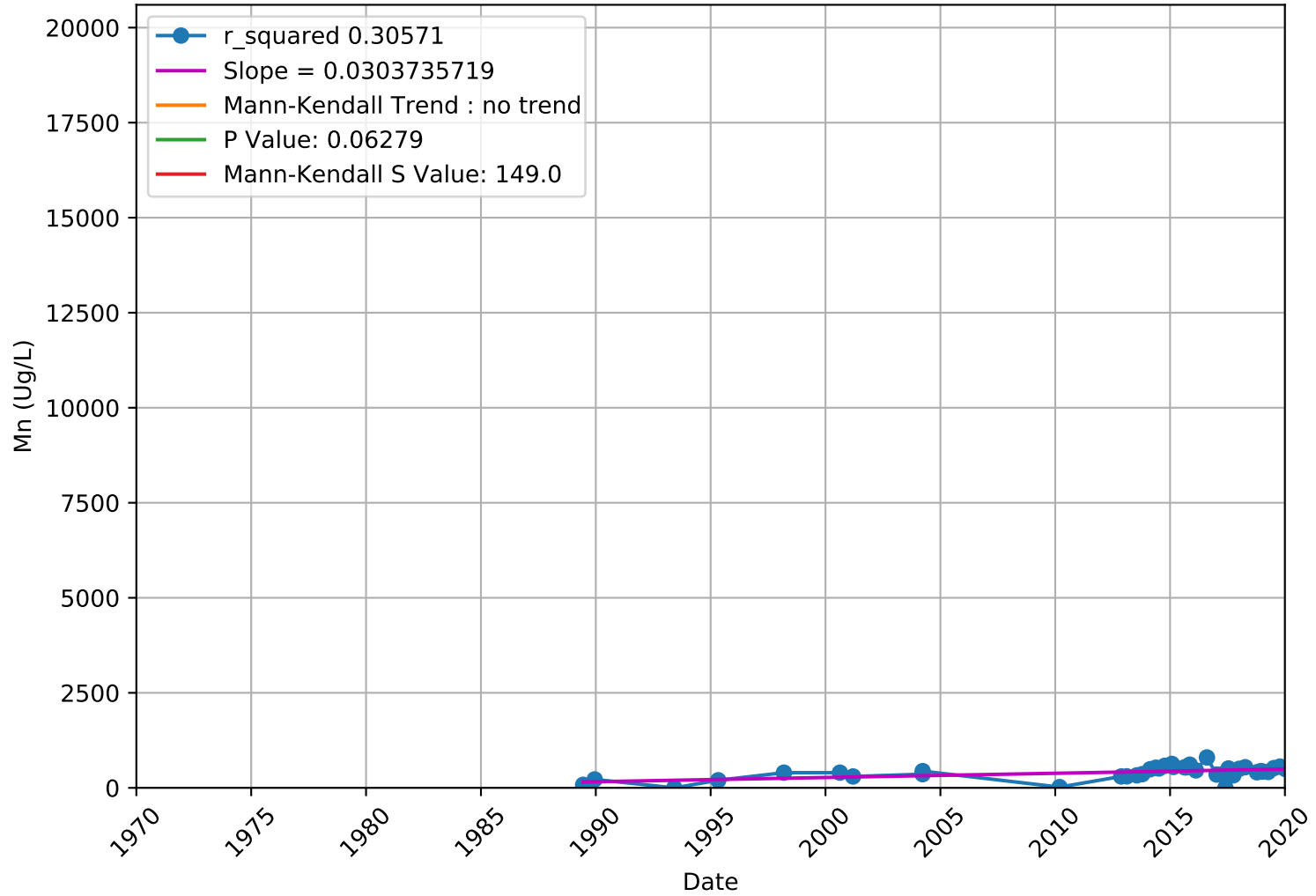
Manganese 3910702-006 - Unknown Aquifer



Manganese 3910800-001 - Unknown Aquifer

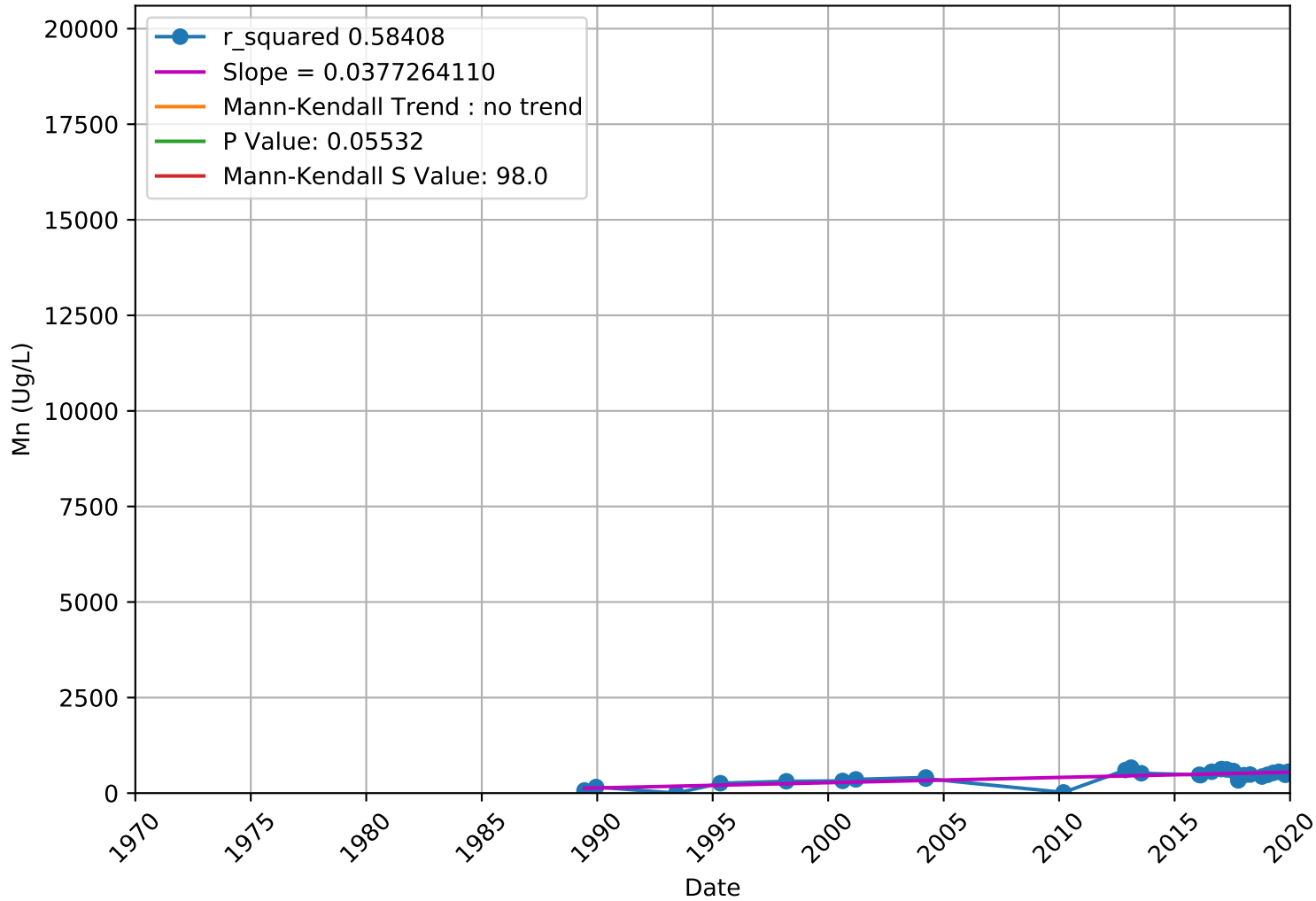


Manganese 3910800-002 - Unknown Aquifer

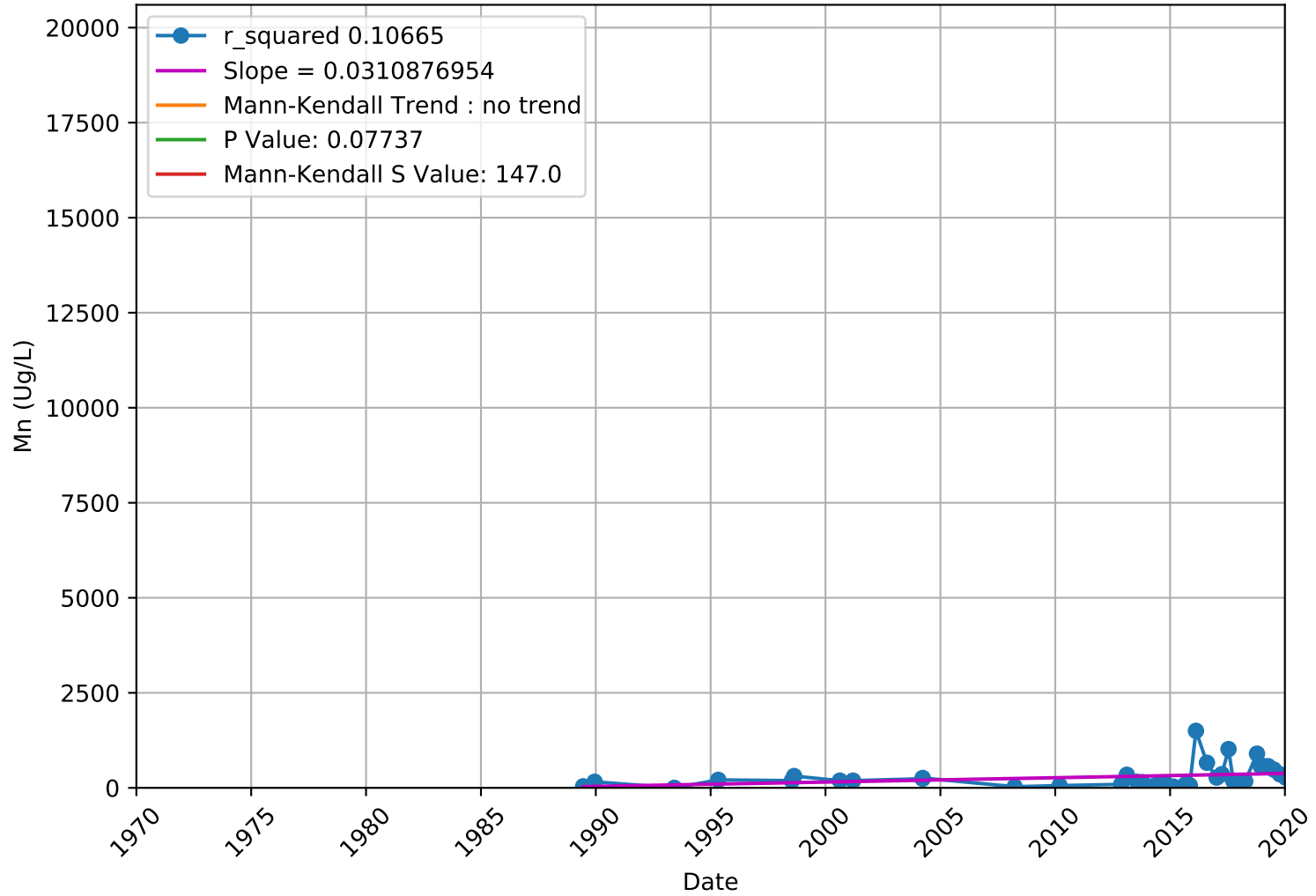


Manganese

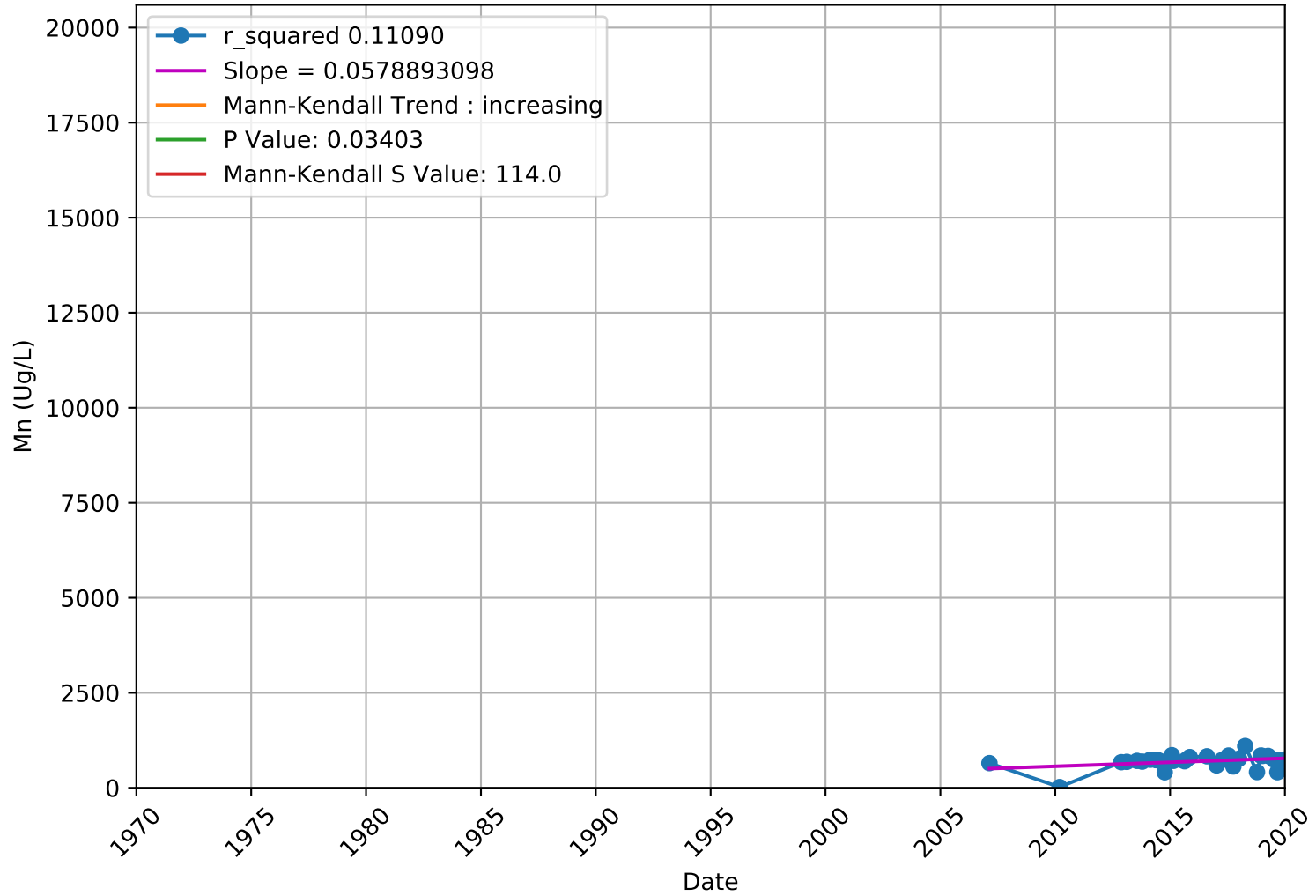
3910800-003 - Unknown Aquifer



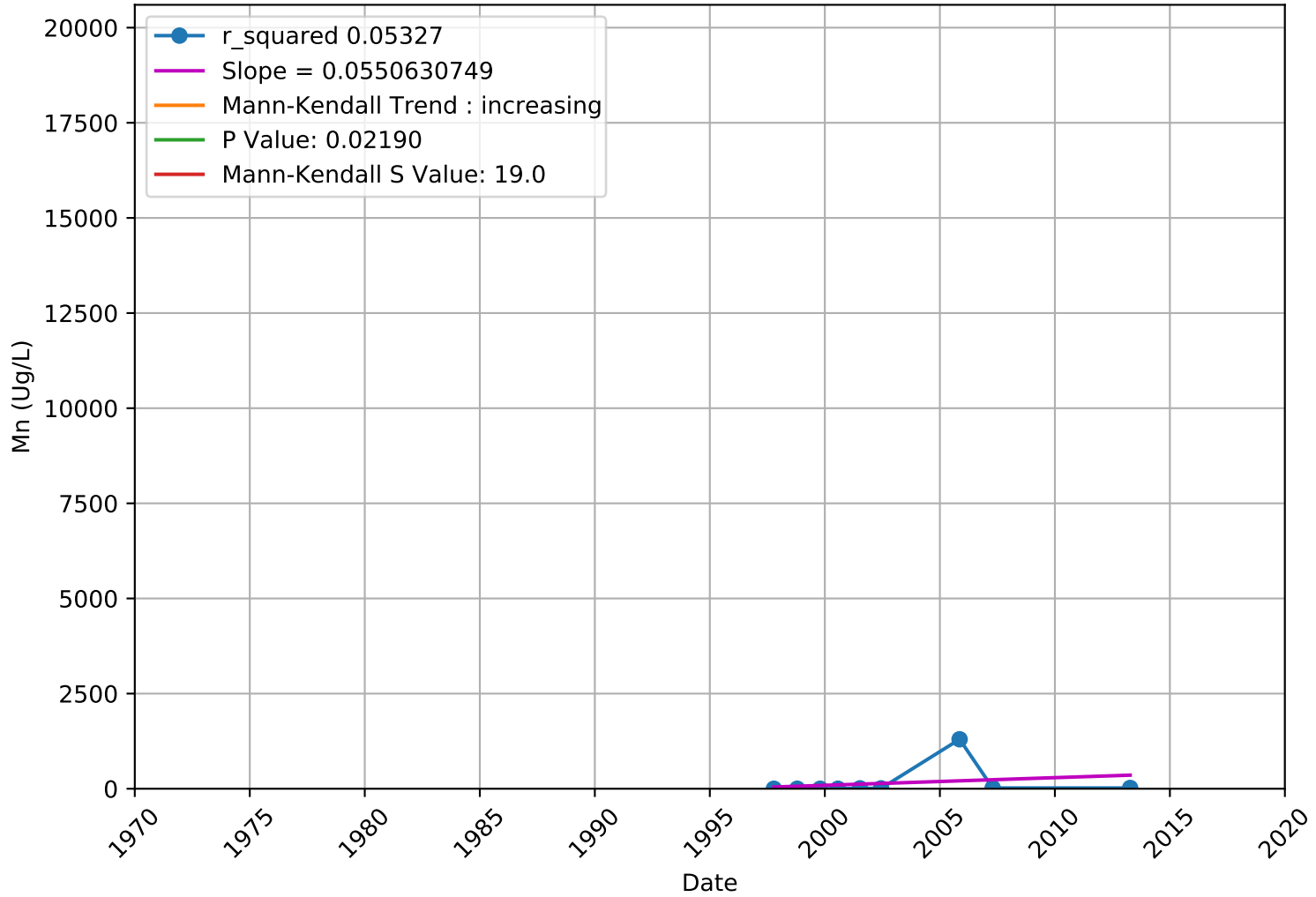
Manganese 3910800-004 - Unknown Aquifer



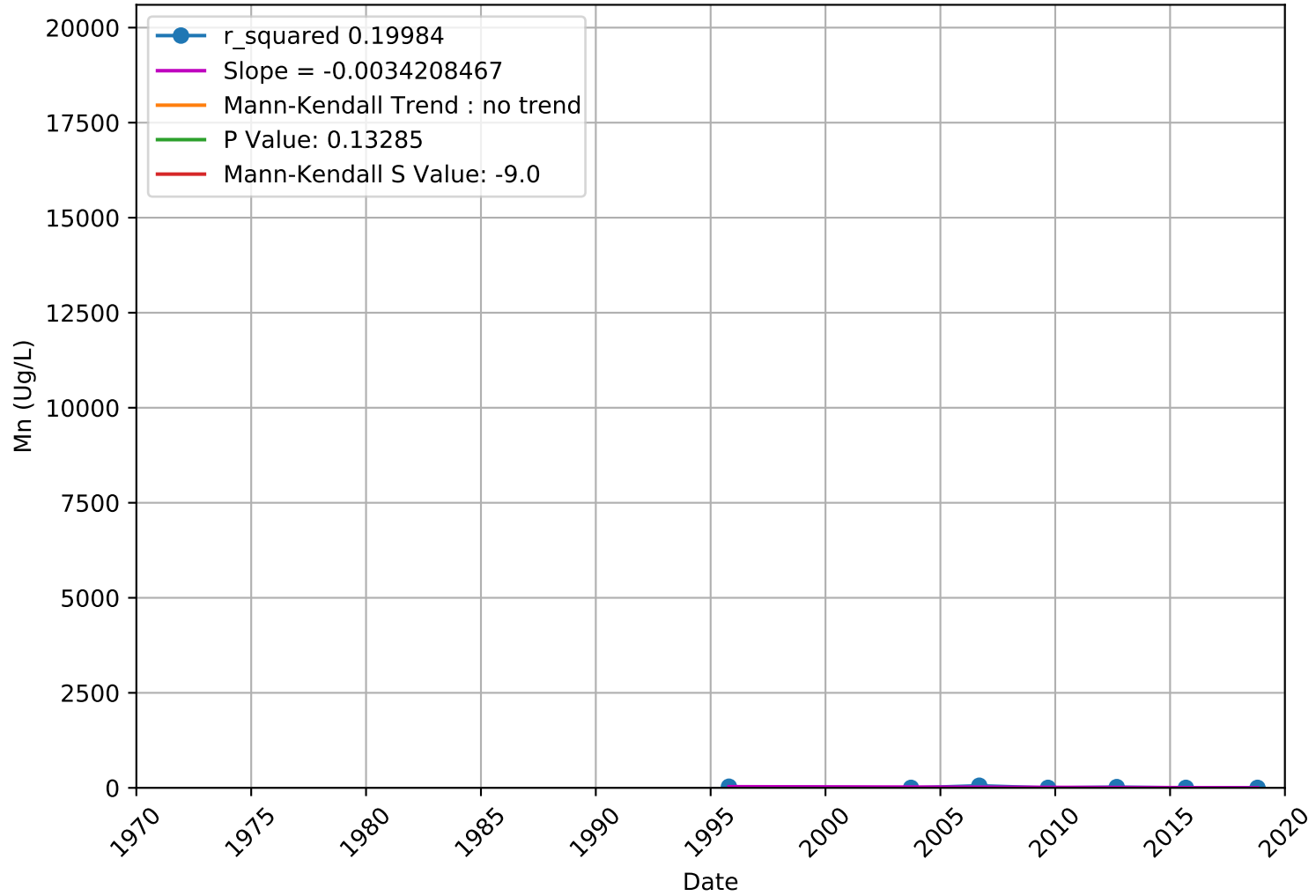
Manganese 3910800-006 - Unknown Aquifer



Manganese 4110013-014 - Unknown Aquifer



Manganese 4300611-002 - Unknown Aquifer

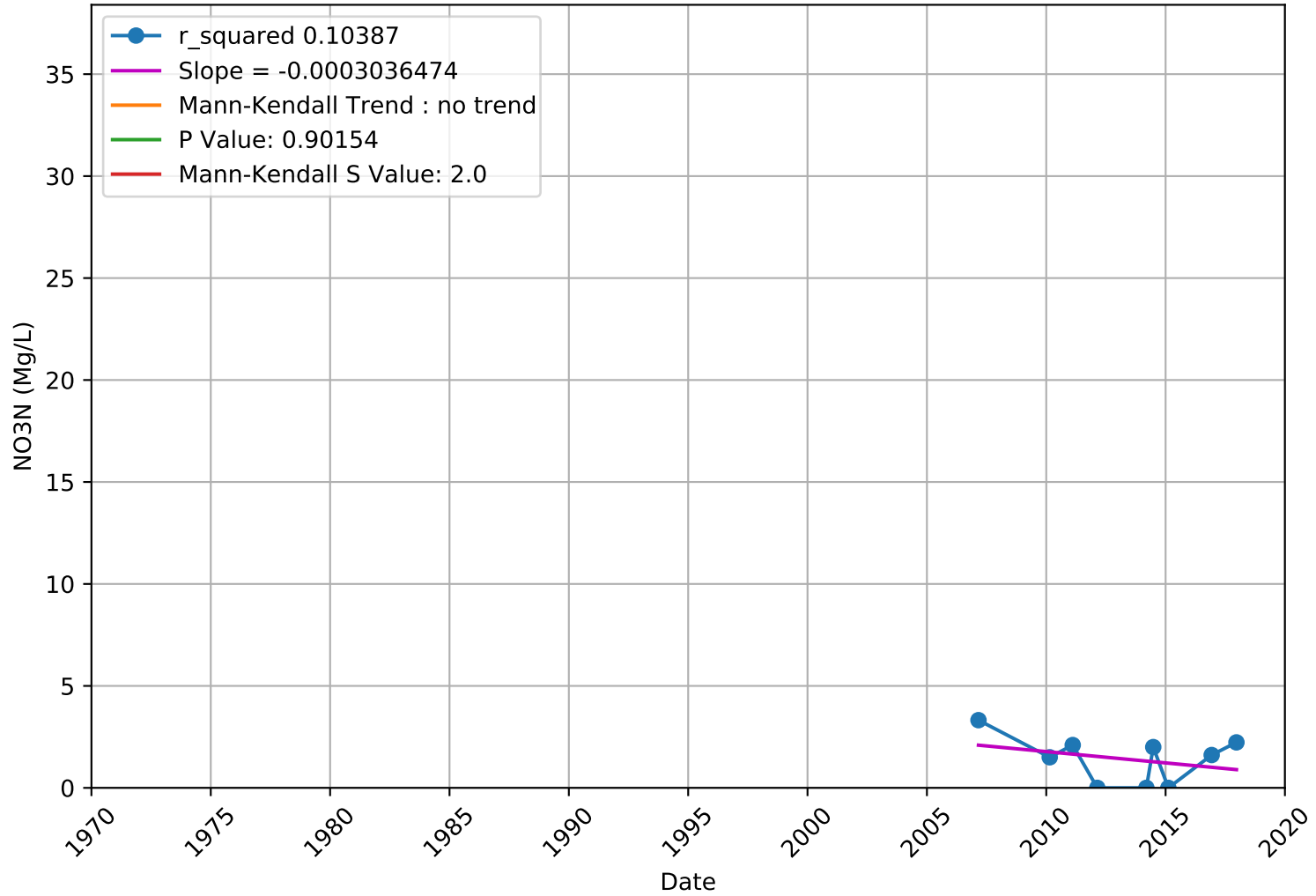


Nitrate as Nitrogen

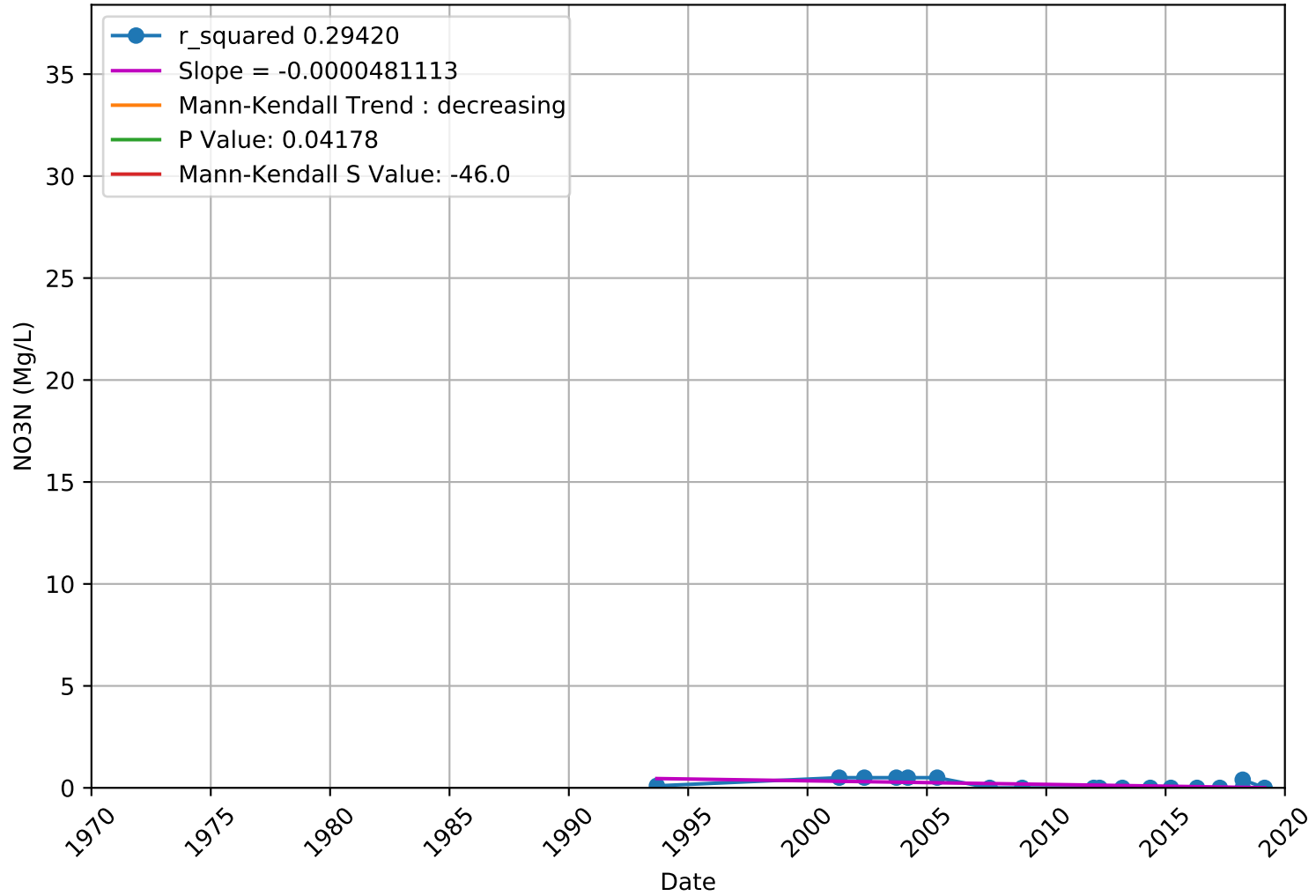
WellName	Latitude_NAD83	Longitude_NAD83	chemical	h	p	s	tau	trend	var_s	z	PRINCIPAL_AQUIFER
3910011-007	37.714471	-121.426009	NO3N	FALSE	0.533	-9	-0.164	no trend	165	-0.623	Unknown
3910011-010	37.736372	-121.435351	NO3N	FALSE	0.256	36	0.189	no trend	950	1.136	Unknown
3910702-003	37.705557	-121.39764	NO3N	TRUE	0.01	625	0.198	increasing	57930.33	2.593	Unknown
3910701-003	37.85144	-121.2682	NO3N	FALSE	0.462	134	0.062	no trend	32648.67	0.736	Unknown
3910701-001	37.849584	-121.268763	NO3N	TRUE	0.012	-291	-0.247	decreasing	13443.67	-2.501	Unknown
3910011-017	37.738215	-121.419962	NO3N	FALSE	0.074	21	0.467	no trend	125	1.789	Unknown
3910018-001	37.679751	-121.272617	NO3N	FALSE	0.085	-117	-0.209	no trend	4550.333	-1.72	Unknown
3901035-001	37.805066	-121.450392	NO3N	FALSE	0.669	8	0.103	no trend	268.667	0.427	Unknown
3901001-001	37.696111	-121.398611	NO3N	FALSE	0.415	28	0.133	no trend	1096.667	0.815	Unknown
4300611-002	37.994444	-121.499722	NO3N	FALSE	0.809	9	0.043	no trend	1095.667	0.242	Unknown
3901017-001	37.63	-121.39	NO3N	FALSE	0.089	-6	-1	no trend	8.667	-1.698	Unknown
3901015-001	37.805066	-121.450392	NO3N	TRUE	0.008	-62	-0.405	decreasing	523.333	-2.666	Unknown
3901010-001	38.037472	-121.494583	NO3N	FALSE	0.05	51	0.298	no trend	651	1.96	Unknown
3901006-001	37.718897	-121.537176	NO3N	FALSE	0.12	42	0.275	no trend	696	1.554	Unknown
3901011-001	37.695843	-121.434174	NO3N	FALSE	0.581	-18	-0.095	no trend	950	-0.552	Unknown
3901116-001	37.739218	-121.399037	NO3N	FALSE	0.323	-12	-0.267	no trend	124	-0.988	Unknown
3601013-001	37.818722	-121.460778	NO3N	FALSE	0.568	39	0.07	no trend	4417.667	0.572	Unknown
3910015-005	37.816859	-121.266705	NO3N	FALSE	0.978	3	0.005	no trend	5389	0.027	Upper
3910011-003	37.683959	-121.439427	NO3N	FALSE	0.307	73	0.123	no trend	4958.333	1.023	Lower
3910800-002	37.744188	-121.32701	NO3N	FALSE	0.54	32	0.079	no trend	2562.667	0.612	Unknown
3910800-003	37.74545	-121.32897	NO3N	FALSE	0.71	18	0.051	no trend	2082.667	0.373	Unknown
3910800-001	37.744746	-121.327221	NO3N	FALSE	0.063	-18	-0.5	no trend	83.333	-1.862	Unknown
3910800-004	37.74591	-121.336213	NO3N	FALSE	0.113	82	0.202	no trend	2618.667	1.583	Unknown
3100014-001	37.716956	-121.379533	NO3N	TRUE	0.042	-46	-0.338	decreasing	488.667	-2.036	Unknown
3910701-005	37.851301	-121.2673	NO3N	FALSE	0.668	75	0.037	no trend	29786.33	0.429	Unknown
3910011-004	37.682308	-121.436988	NO3N	FALSE	0.851	11	0.027	no trend	2829.667	0.188	Lower
3910011-006	37.686539	-121.443515	NO3N	FALSE	0.107	-105	-0.199	no trend	4164.333	-1.612	Lower
3910011-005	37.683353	-121.443313	NO3N	TRUE	0.003	240	0.341	increasing	6322	3.006	Lower
3910015-006	37.818884	-121.266416	NO3N	FALSE	0.066	104	0.239	no trend	3140.667	1.838	Upper
3910015-007	37.811547	-121.263915	NO3N	FALSE	0.099	-148	-0.18	no trend	7926.667	-1.651	Upper
3910015-008	37.801132	-121.262514	NO3N	TRUE	0.002	181	0.389	increasing	3461.667	3.059	Upper
3910011-018	37.743262	-121.424805	NO3N	FALSE	0.191	-85	-0.161	no trend	4135	-1.306	Lower
3910018-004	37.679705	-121.272761	NO3N	FALSE	0.379	-100	-0.089	no trend	12658.67	-0.88	Unknown
3910701-007	37.851431	-121.265247	NO3N	FALSE	0.707	-21	-0.052	no trend	2841	-0.375	Unknown
3910702-006	37.709972	-121.390802	NO3N	TRUE	0	842	0.32	increasing	42145.33	4.097	Unknown
3910702-005	37.708149	-121.393881	NO3N	TRUE	0.008	547	0.208	increasing	41804.33	2.67	Unknown
4110013-014	37.7	-121.466667	NO3N	TRUE	0.001	729	0.277	increasing	44031.67	3.469	Unknown
3900993-001	37.668527	-121.323805	NO3N	TRUE	0.035	-119	-0.274	decreasing	3141.667	-2.105	Unknown
3901396-001	37.856888	-121.279555	NO3N	FALSE	0.726	-11	-0.064	no trend	815	-0.35	Unknown
3901398-001	37.716956	-121.379533	NO3N	TRUE	0.017	-345	-0.216	decreasing	20852.33	-2.382	Unknown
3400391-001	37.717581	-121.456832	NO3N	FALSE	0.138	37	0.272	no trend	588.333	1.484	Unknown
3900991-001	37.743544	-121.461428	NO3N	FALSE	0.322	176	0.085	no trend	31200	0.991	Unknown
3910011-030	37.740208	-121.439285	NO3N	TRUE	0	-270	-0.481	decreasing	4474.667	-4.021	Lower
3900719-001	37.7685	-121.35325	NO3N	TRUE	0.037	-63	-0.332	decreasing	883.667	-2.086	Unknown
3901348-002	37.702894	-121.406986	NO3N	FALSE	0.634	-29	-0.062	no trend	3461.667	-0.476	Unknown
3901181-001	37.692555	-121.428055	NO3N	TRUE	0.004	229	0.326	increasing	6327	2.866	Unknown
3900589-001	37.783862	-121.305584	NO3N	FALSE	0.433	4	0.4	no trend	14.667	0.783	Unknown
3901327-001	37.69	-121.44	NO3N	FALSE	0.673	17	0.067	no trend	1433.667	0.423	Unknown
3900818-001	37.85	-121.28	NO3N	FALSE	0.133	11	0.524	no trend	44.333	1.502	Unknown
3900556-001	37.78	-121.36	NO3N	FALSE	1	1	0.1	no trend	15.667	0	Unknown
3900557-001	37.79	-121.38	NO3N	FALSE	0.707	3	0.2	no trend	28.333	0.376	Unknown
3900557-002	37.79	-121.4	NO3N	FALSE	0.848	2	0.133	no trend	27.333	0.191	Unknown
3900555-001	37.7685	-121.35325	NO3N	FALSE	0.336	10	0.278	no trend	87.333	0.963	Unknown
3600756-001	38.037472	-121.494583	NO3N	FALSE	0.602	6	0.167	no trend	92	0.521	Unknown
3901409-001	37.709642	-121.426004	NO3N	FALSE	0.202	32	0.235	no trend	589.333	1.277	Unknown
3901342-001	37.980357	-121.487177	NO3N	FALSE	0.592	-16	-0.084	no trend	784	-0.536	Unknown
3901204-001	37.85	-121.27	NO3N	FALSE	0.312	5	0.5	no trend	15.667	1.011	Unknown
3901320-001	37.712722	-121.379138	NO3N	FALSE	0.475	-28	-0.111	no trend	1430.667	-0.714	Unknown
2900540-001	37.709642	-121.426004	NO3N	FALSE	0.902	2	0.071	no trend	65.333	0.124	Unknown
3901305-007	37.741365	-121.399277	NO3N	FALSE	0.621	11	0.105	no trend	408.333	0.495	Unknown
3900713-001	37.84	-121.44	NO3N	FALSE	1	0	0	no trend	0	0	Unknown
3901378-002	37.743671	-121.362772	NO3N	FALSE	0.421	106	0.077	no trend	16995.33	0.805	Unknown
3901172-002	37.636324	-121.399544	NO3N	FALSE	0.753	-42	-0.03	no trend	16995.33	-0.314	Unknown
3901172-003	37.632289	-121.39736	NO3N	FALSE	0.202	-32	-0.235	no trend	589.333	-1.277	Unknown
3900702-001	37.990639	-121.407056	NO3N	FALSE	0.327	29	0.17	no trend	817	0.98	Unknown
3900805-002	37.73886	-121.399853	NO3N	TRUE	0.017	54	0.45	increasing	493.333	2.386	Unknown
3900583-001	37.84	-121.44	NO3N	TRUE	0.024	68	0.324	increasing	882	2.256	Unknown
3900810-001	37.804543	-121.267078	NO3N	FALSE	0.115	24	0.364	no trend	212.667	1.577	Unknown
3901001-002	37.69	-121.39	NO3N	FALSE	0.155	27	0.297	no trend	333.667	1.423	Unknown
3901348-001	37.708679	-121.412023	NO3N	FALSE	0.764	3	0.143	no trend	44.333	0.3	Unknown
3901216-002	37.74753	-121.516649	NO3N	FALSE	0.306	28	0.183	no trend	696	1.023	Unknown
3900559-001	37.79	-121.38	NO3N	FALSE	0.266	28	0.206	no trend	589.333	1.112	Unknown

3901283-001	37.667467	-121.361198	NO3N	FALSE	0.128	122	0.174	no trend	6326	1.521	Unknown
3900558-002	37.79	-121.4	NO3N	TRUE	0.008	68	0.398	increasing	643.333	2.642	Unknown
3901338-001	37.693705	-121.413813	NO3N	FALSE	0.338	-47	-0.134	no trend	2301	-0.959	Unknown
3901299-001	37.753624	-121.372933	NO3N	FALSE	0.592	-14	-0.103	no trend	589.333	-0.536	Unknown
3901383-001	37.955403	-121.424888	NO3N	FALSE	1	-1	-0.028	no trend	63.667	0	Unknown
3900616-002	37.988607	-121.404525	NO3N	FALSE	0.167	37	0.242	no trend	678.333	1.382	Unknown
3900616-001	37.990638	-121.407055	NO3N	FALSE	0.178	30	0.25	no trend	464	1.346	Unknown
3910011-034	37.752802	-121.434603	NO3N	FALSE	0.365	-49	-0.121	no trend	2813	-0.905	Lower
3910011-032	37.754682	-121.465249	NO3N	FALSE	0.404	-41	-0.117	no trend	2301	-0.834	Lower
3901348-003	37.698742	-121.409917	NO3N	TRUE	0.024	76	0.362	increasing	1096.667	2.265	Unknown
3901348-004	37.698147	-121.416153	NO3N	FALSE	0.763	11	0.052	no trend	1095.667	0.302	Unknown
3900974-001	37.742638	-121.366611	NO3N	TRUE	0.02	321	0.216	increasing	18975	2.323	Unknown
3901106-008	37.804969	-121.458072	NO3N	TRUE	0.028	57	0.333	increasing	651	2.195	Unknown
3900810-002	37.808086	-121.271346	NO3N	TRUE	0.024	34	0.515	increasing	212.667	2.263	Unknown
3900807-001	37.936416	-121.432916	NO3N	TRUE	0.002	65	0.542	increasing	427	3.097	Unknown
3900759-003	37.982798	-121.471581	NO3N	TRUE	0.036	41	0.39	increasing	363	2.099	Unknown
3901308-001	37.926727	-121.431152	NO3N	TRUE	0.015	23	0.639	increasing	82.333	2.425	Unknown
3901401-001	37.985559	-121.480458	NO3N	FALSE	0.571	13	0.108	no trend	449	0.566	Unknown
3901406-001	37.766333	-121.474027	NO3N	TRUE	0.005	345	0.271	increasing	15147	2.795	Unknown
3910015-013	37.792108	-121.274608	NO3N	FALSE	0.592	7	0.156	no trend	125	0.537	Unknown
3901301-001	37.927085	-121.425948	NO3N	TRUE	0.002	94	0.407	increasing	922	3.063	Unknown
377427N1213943W002	37.742656	-121.394318	NO3N	FALSE	0.276	23	0.219	no trend	408.333	1.089	Lower
377427N1213943W001	37.742656	-121.394318	NO3N	FALSE	0.92	-3	-0.029	no trend	401	-0.1	Lower
377427N1213943W003	37.742656	-121.394318	NO3N	FALSE	0.68	-9	-0.086	no trend	376.333	-0.412	Lower
377402N1214508W001	37.740187	-121.450762	NO3N	TRUE	0.01	52	0.495	increasing	388.667	2.587	Lower
377143N1214459W002	37.714305	-121.445905	NO3N	FALSE	1	0	0	no trend	407.333	0	Lower
377143N1214459W003	37.714305	-121.445905	NO3N	FALSE	0.166	-29	-0.276	no trend	408.333	-1.386	Lower
377402N1214508W003	37.740187	-121.450762	NO3N	FALSE	0.469	-15	-0.143	no trend	374.333	-0.724	Lower
377402N1214508W002	37.740187	-121.450762	NO3N	TRUE	0.039	-41	-0.39	decreasing	376.333	-2.062	Lower
377143N1214459W001	37.714305	-121.445905	NO3N	FALSE	1	0	0	no trend	363.333	0	Lower
3901310-001	37.740277	-121.403277	NO3N	FALSE	0.368	-7	-0.333	no trend	44.333	-0.901	Unknown
3901309-008	37.694682	-121.411996	NO3N	FALSE	0.692	-9	-0.086	no trend	408.333	-0.396	Unknown
3901397-007	37.759762	-121.508982	NO3N	FALSE	0.166	29	0.276	no trend	408.333	1.386	Unknown
377656N1214199W001	37.765631	-121.41992	NO3N	FALSE	0.134	-22	-0.333	no trend	196	-1.5	Lower
377656N1214199W002	37.765631	-121.41992	NO3N	FALSE	0.564	-7	-0.156	no trend	108.333	-0.576	Lower
377656N1214199W003	37.765631	-121.41992	NO3N	FALSE	0.077	-29	-0.372	no trend	251	-1.767	Lower
377149N1214257W003	37.714872	-121.425674	NO3N	FALSE	0.249	-17	-0.258	no trend	192.333	-1.154	Lower
377149N1214257W002	37.714872	-121.425674	NO3N	FALSE	0.511	-10	-0.152	no trend	187.333	-0.658	Lower
377149N1214257W001	37.714872	-121.425674	NO3N	FALSE	1	-1	-0.018	no trend	139.667	0	Lower
377031N1214485W002	37.703055	-121.448544	NO3N	FALSE	0.481	-12	-0.154	no trend	243.333	-0.705	Lower
377031N1214485W001	37.703055	-121.448544	NO3N	FALSE	0.504	-11	-0.141	no trend	223.667	-0.669	Lower
377031N1214485W003	37.703055	-121.448544	NO3N	FALSE	0.504	-11	-0.141	no trend	223.667	-0.669	Lower
3901336-008	37.7408	-121.401267	NO3N	FALSE	0.853	-8	-0.032	no trend	1428	-0.185	Unknown
3900588-001	37.74	-121.36	NO3N	FALSE	0.502	-12	-0.154	no trend	268.667	-0.671	Unknown
3910005-044	37.782808	-121.300937	NO3N	TRUE	0	21198	0.117	increasing	24300499	4.3	Unknown
3900593-001	37.891215	-121.488002	NO3N	TRUE	0.004	38	0.576	increasing	167.333	2.86	Unknown
3901435-007	37.64166	-121.397886	NO3N	FALSE	0.307	-161	-0.091	no trend	24582.33	-1.02	Unknown
3901449-001	37.891449	-121.512766	NO3N	FALSE	0.241	16	0.291	no trend	164	1.171	Unknown
3901426-007	37.799466	-121.415735	NO3N	FALSE	0.531	9	0.164	no trend	163	0.627	Unknown
3901430-001	37.891449	-121.512766	NO3N	TRUE	0	73	0.608	increasing	418.333	3.52	Unknown
3901107-013	37.695101	-121.39788	NO3N	FALSE	0.502	-12	-0.154	no trend	268.667	-0.671	Unknown
3901405-007	37.631659	-121.289884	NO3N	FALSE	0.228	-23	-0.253	no trend	333.667	-1.204	Unknown
3910800-006	37.744722	-121.329167	NO3N	FALSE	0.535	10	0.152	no trend	210.667	0.62	Unknown
3301280-002	37.712773	-121.37925	NO3N	FALSE	0.613	-3	-0.3	no trend	15.667	-0.505	Unknown
USGS-374046121155402	37.6793611	-121.2650278	NO3N	FALSE	0.575	17	0.099	no trend	812.333	0.561	Upper
USGS-374046121155401	37.6793611	-121.2650278	NO3N	FALSE	0.888	5	0.029	no trend	801.667	0.141	Upper
3901420-001	37.690618	-121.432012	NO3N	FALSE	0.271	-17	-0.258	no trend	211.667	-1.1	Unknown
3901299-007	37.753588	-121.373063	NO3N	FALSE	0.111	-33	-0.314	no trend	403.667	-1.593	Unknown
3901355-001	37.89	-121.48	NO3N	TRUE	0.003	41	0.621	increasing	182.333	2.962	Unknown
3900998-001	37.818722	-121.460777	NO3N	FALSE	0.071	23	0.418	no trend	148.333	1.806	Unknown
3601152-001	37.742639	-121.366611	NO3N	FALSE	0.174	-16	-0.356	no trend	122	-1.358	Unknown
3901338-007	37.693257	-121.414274	NO3N	FALSE	0.128	23	0.348	no trend	209	1.522	Unknown
3901388-007	37.986365	-121.474094	NO3N	FALSE	0.303	-13	-0.236	no trend	135.667	-1.03	Unknown
3910015-016	37.80114	-121.262596	NO3N	FALSE	0.371	11	0.244	no trend	125	0.894	Upper
3901320-008	37.712313	-121.378815	NO3N	FALSE	1	1	0.036	no trend	64.333	0	Unknown
3901116-007	37.739222	-121.399009	NO3N	FALSE	0.059	-17	-0.472	no trend	71.667	-1.89	Unknown
3901336-009	37.740646	-121.401135	NO3N	FALSE	0.386	-8	-0.286	no trend	65.333	-0.866	Unknown
3900805-008	37.737601	-121.398465	NO3N	FALSE	0.266	-10	-0.357	no trend	65.333	-1.113	Unknown
3900731-001	37.85	-121.27	NO3N	FALSE	1	0	0	no trend	16.667	0	Unknown
3901310-007	37.740293	-121.403473	NO3N	FALSE	0.06	11	0.733	no trend	28.333	1.879	Unknown
3901447-007	37.799466	-121.415735	NO3N	FALSE	0.339	6	0.4	no trend	27.333	0.956	Unknown
3901484-001	37.943625	-121.530755	NO3N	FALSE	0.119	9	0.6	no trend	26.333	1.559	Unknown

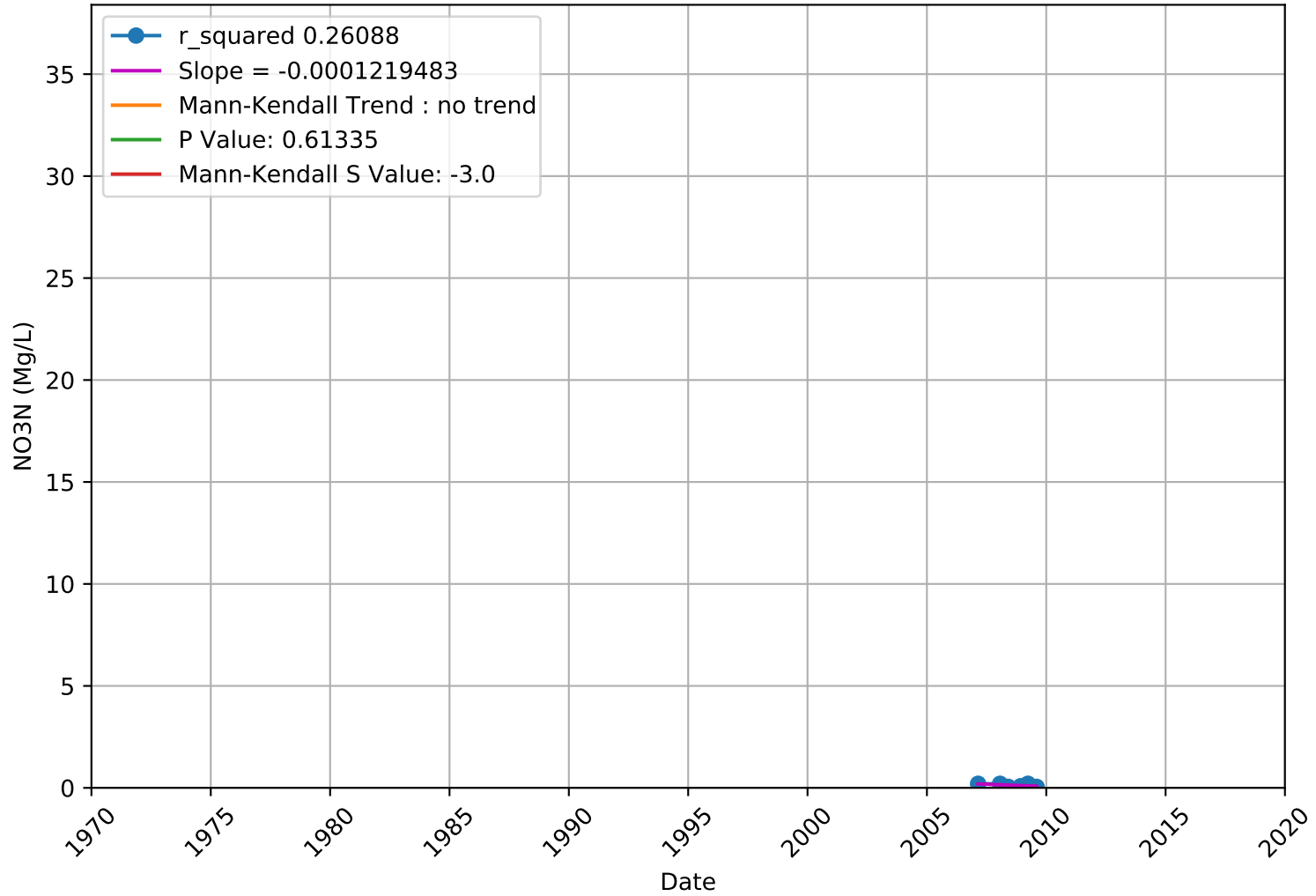
NO3N 2900540-001 - Unknown Aquifer



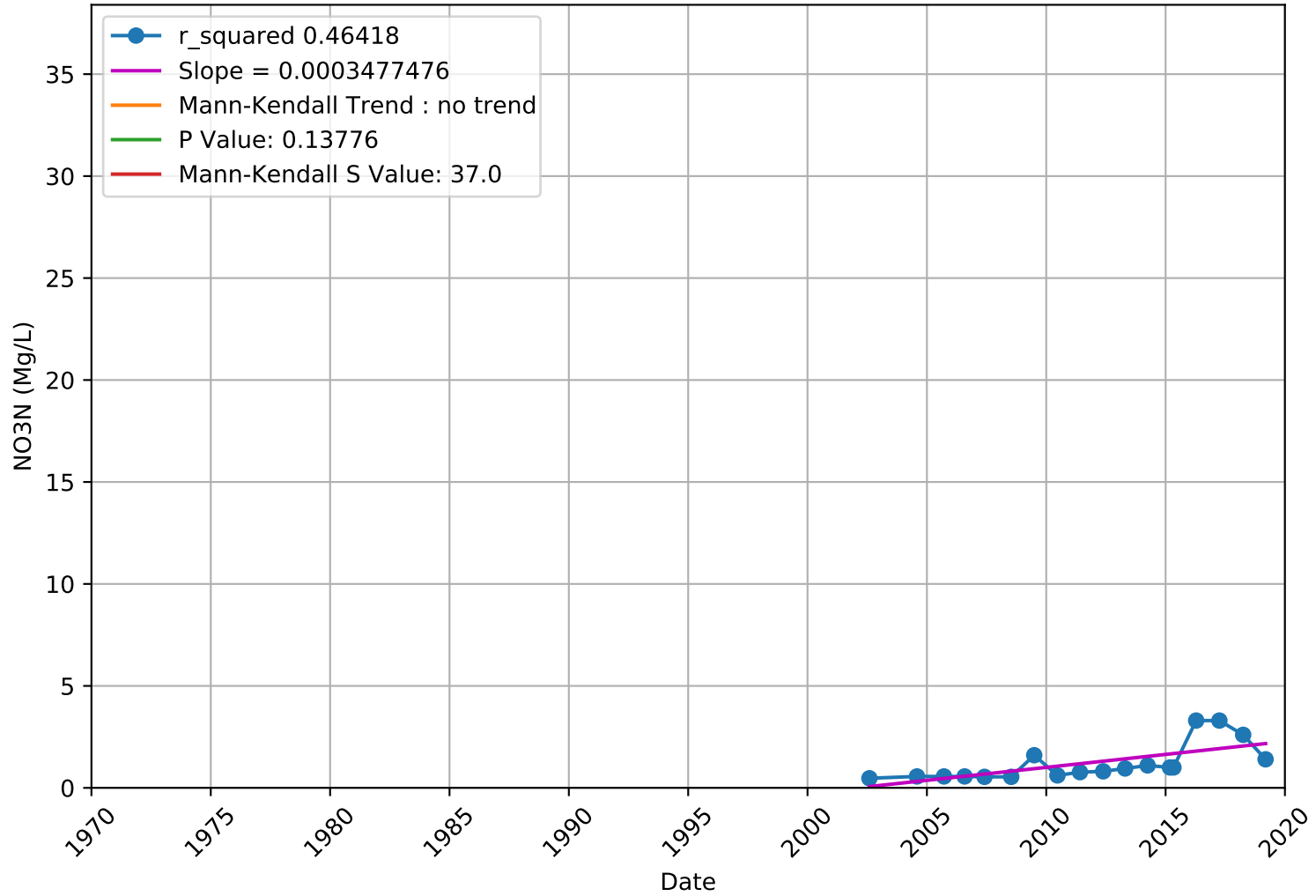
NO3N 3100014-001 - Unknown Aquifer



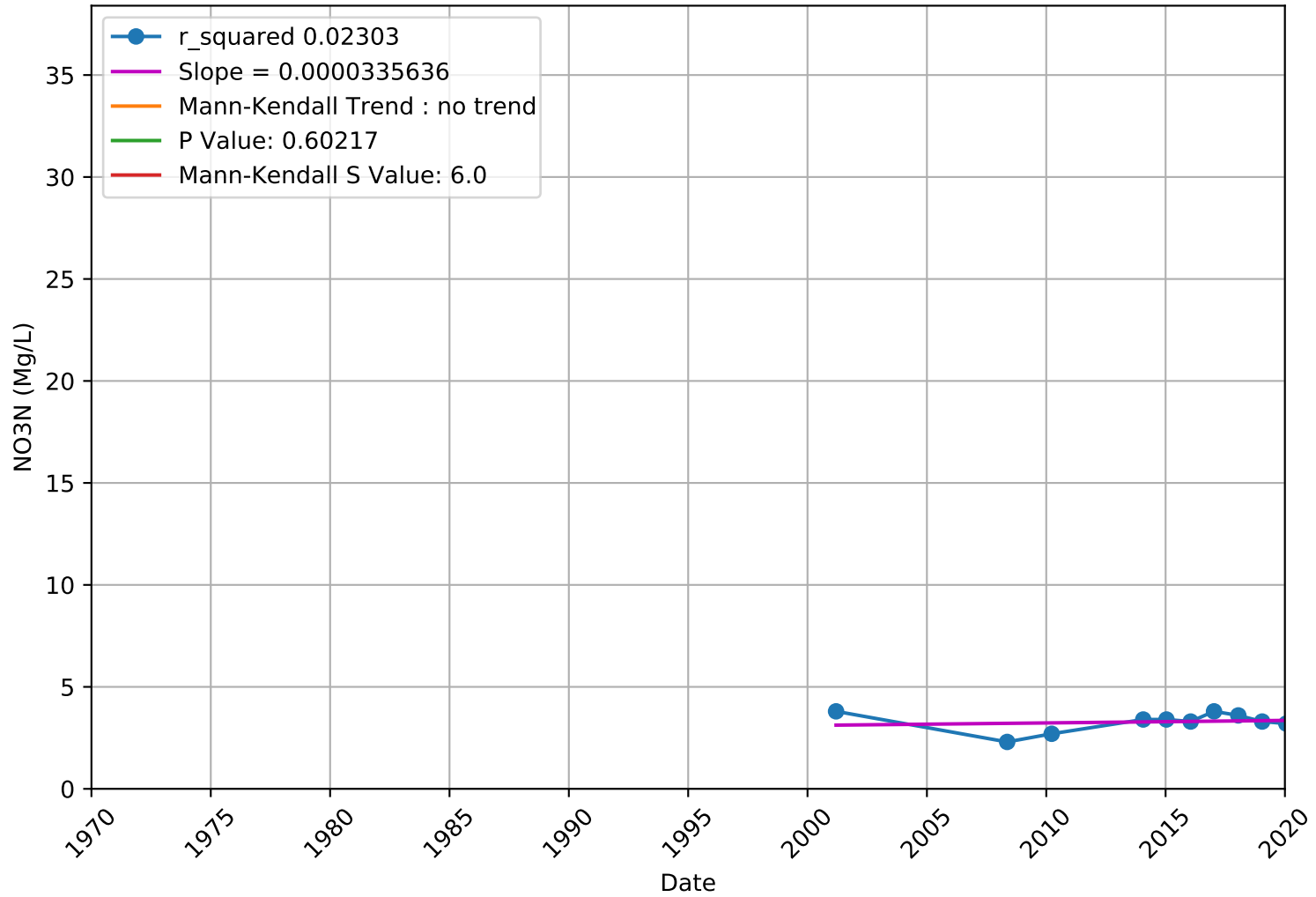
NO3N 3301280-002 - Unknown Aquifer



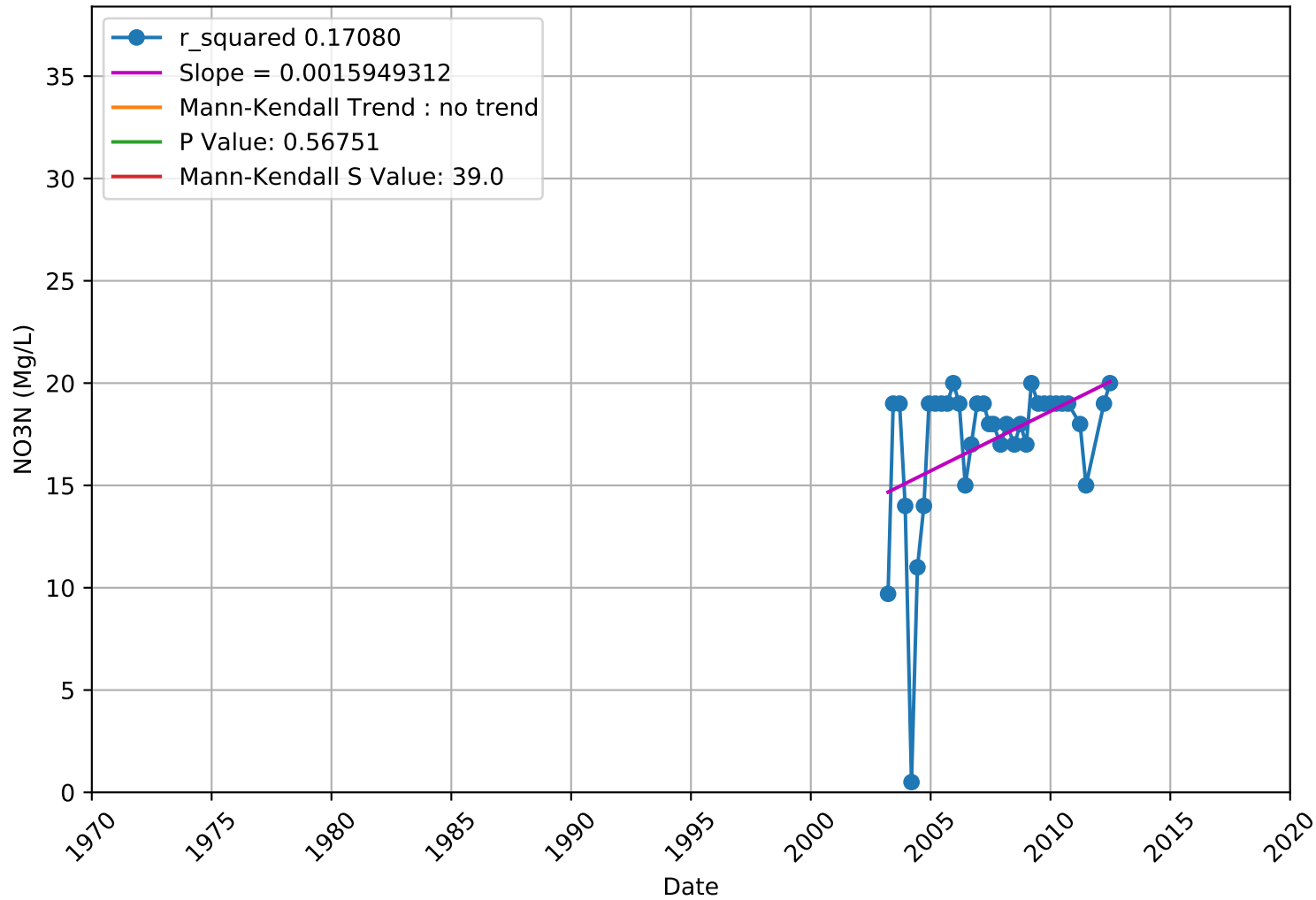
NO3N 3400391-001 - Unknown Aquifer



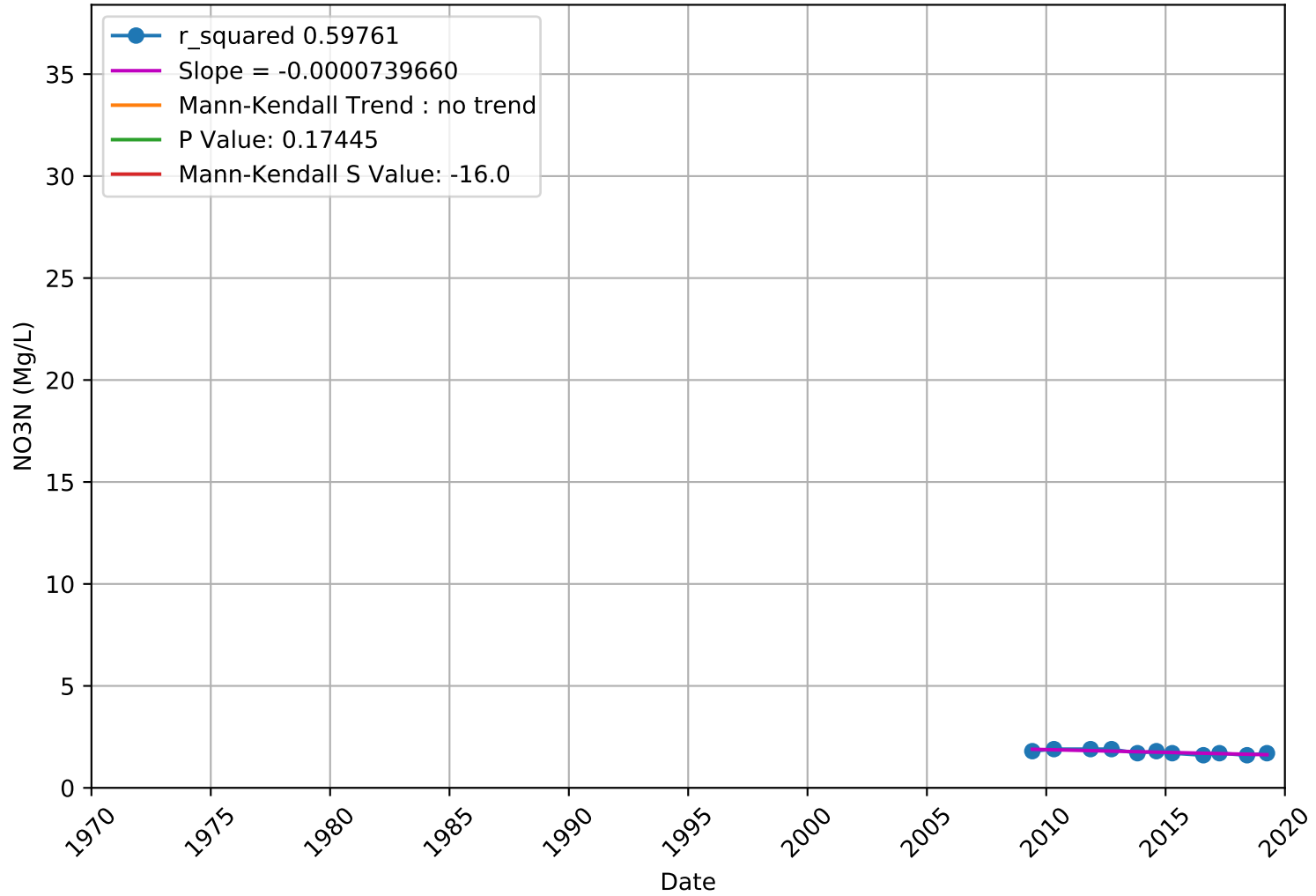
NO3N 3600756-001 - Unknown Aquifer



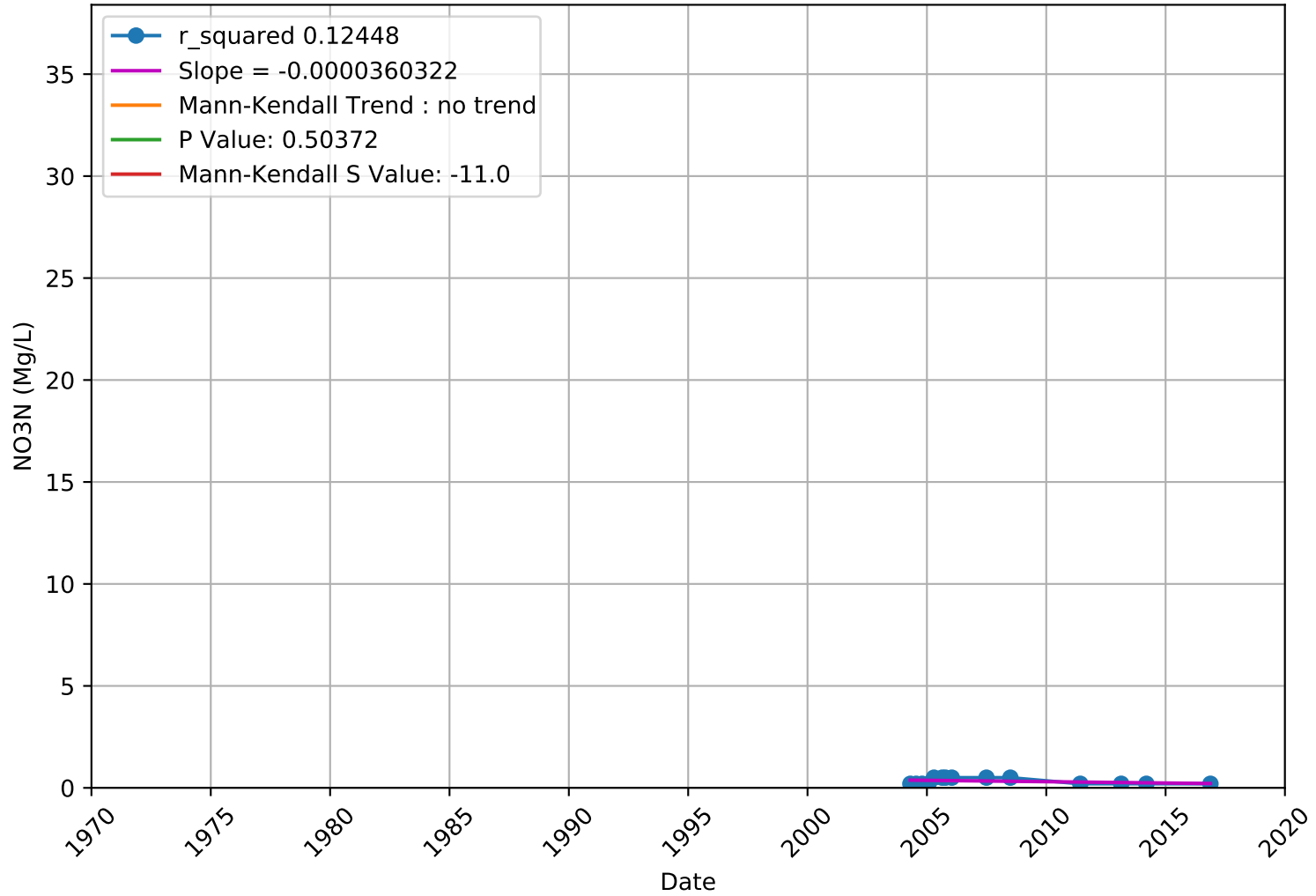
NO3N 3601013-001 - Unknown Aquifer



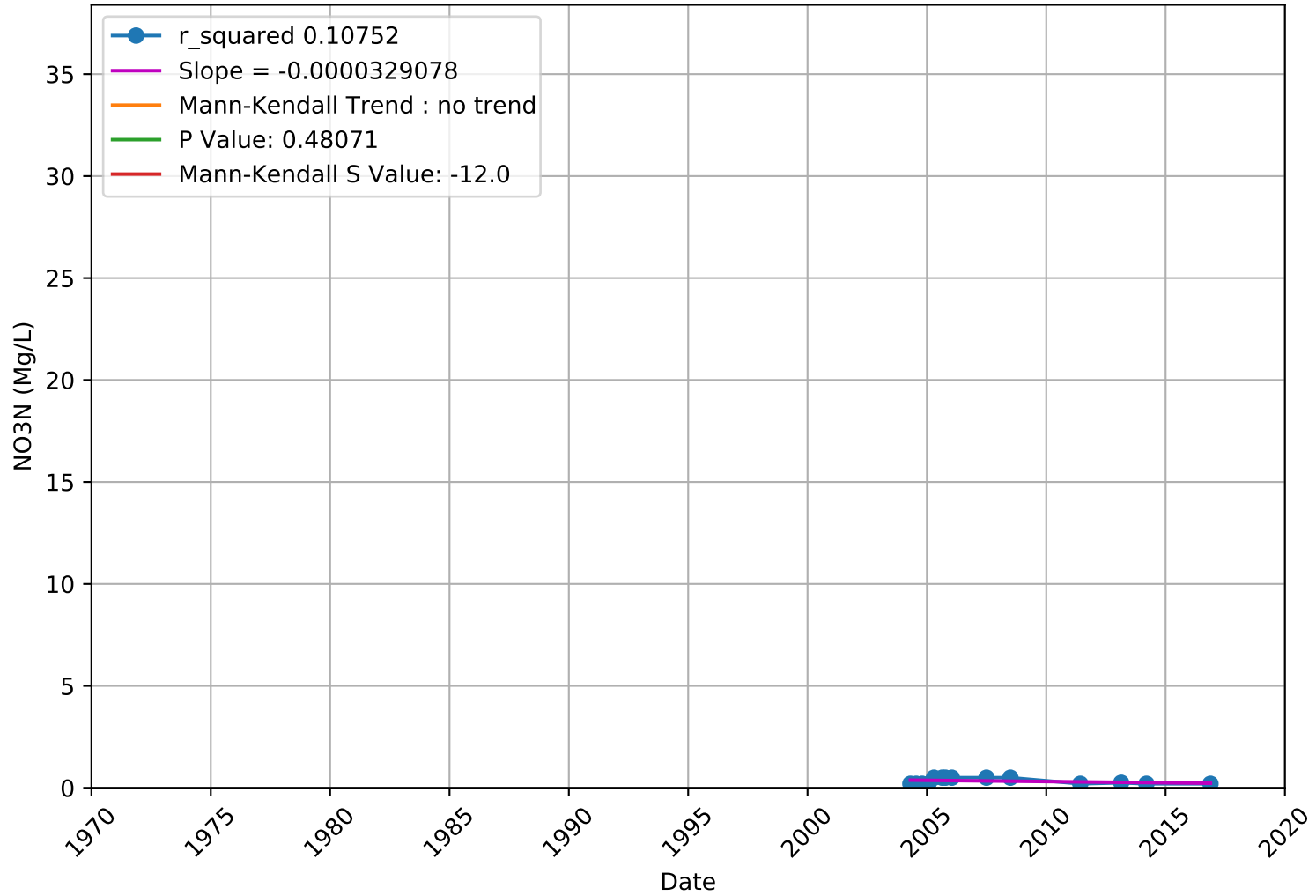
NO3N 3601152-001 - Unknown Aquifer



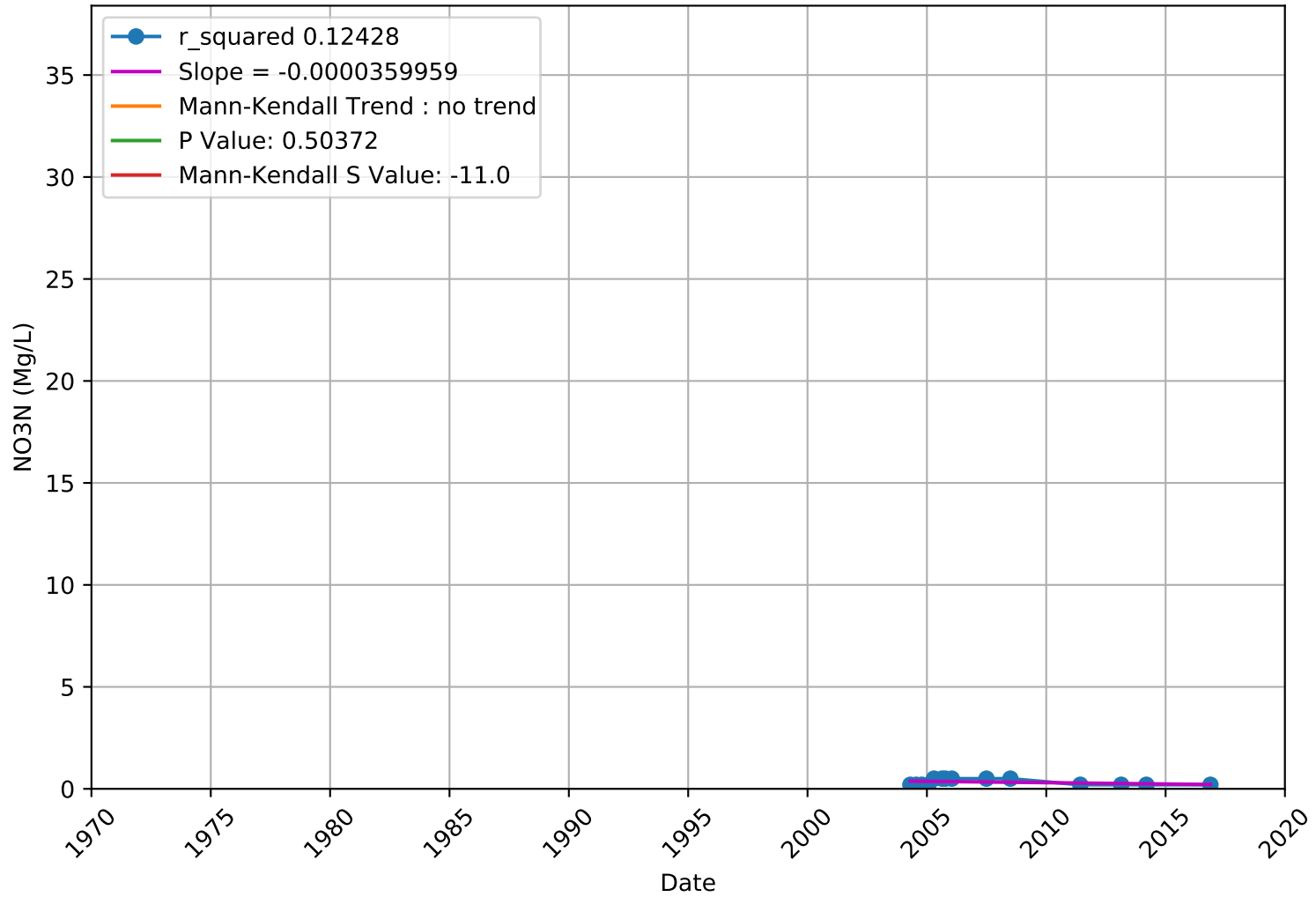
NO3N 377031N1214485W001 - Lower Aquifer



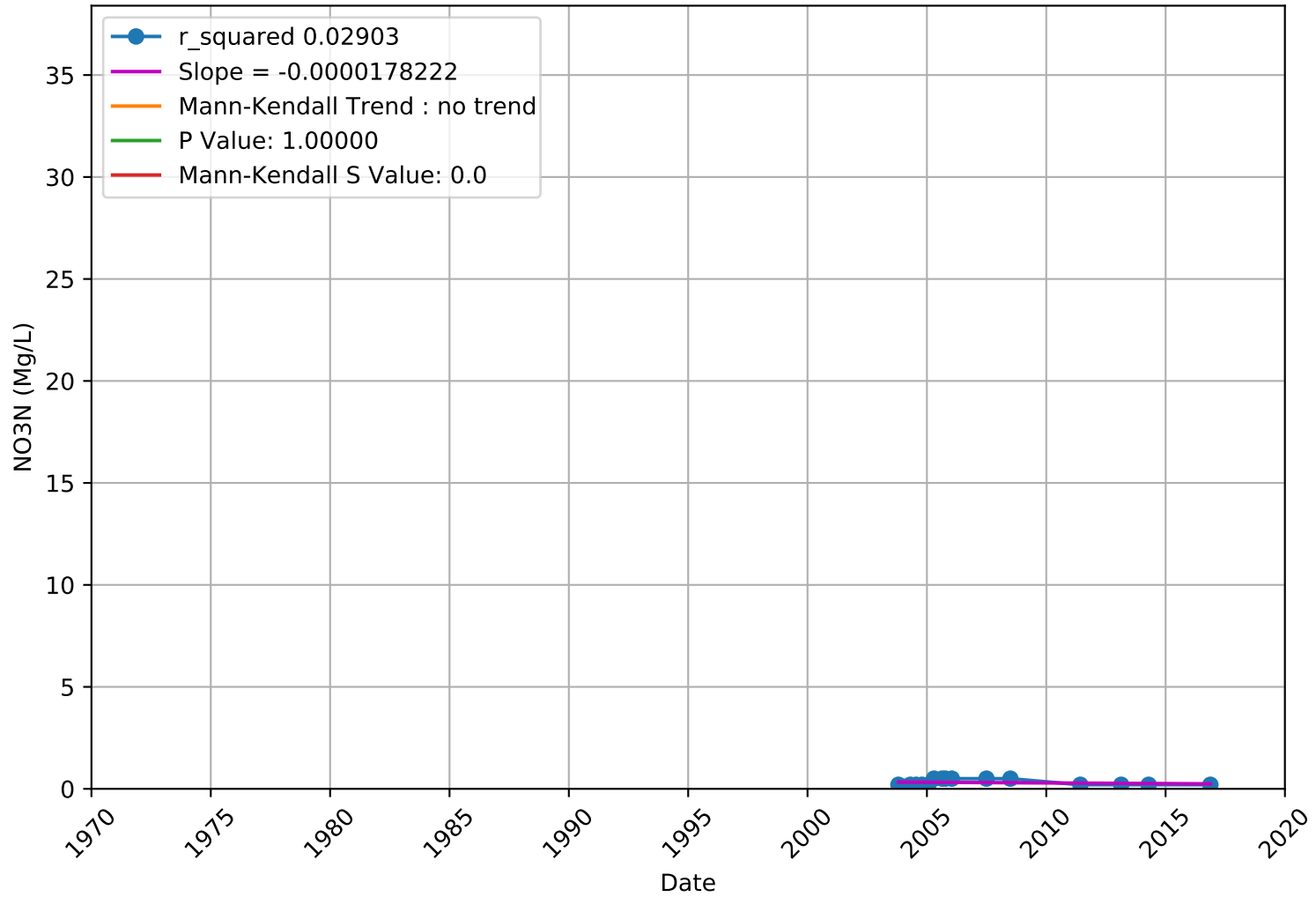
NO3N 377031N1214485W002 - Lower Aquifer



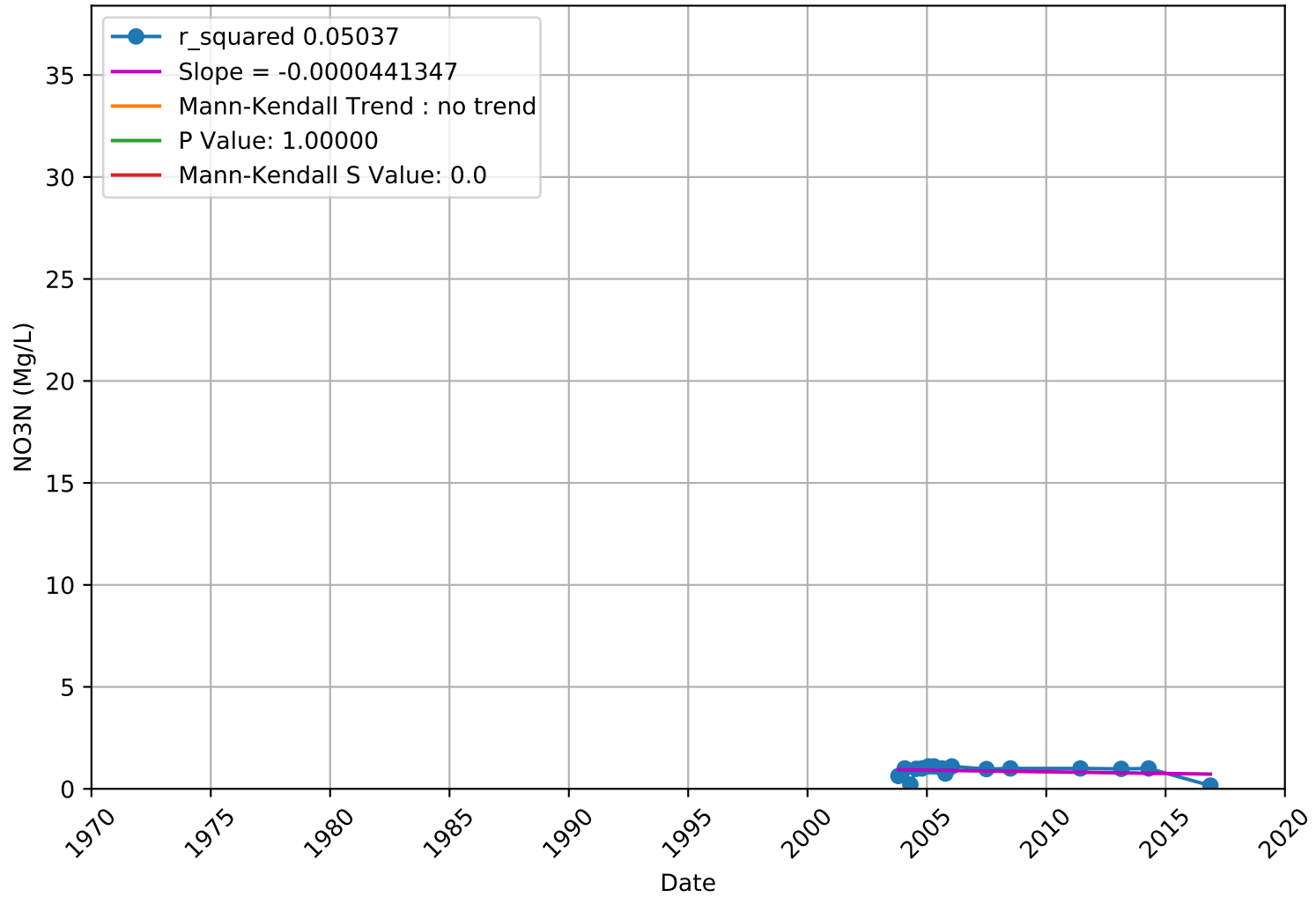
NO3N 377031N1214485W003 - Lower Aquifer



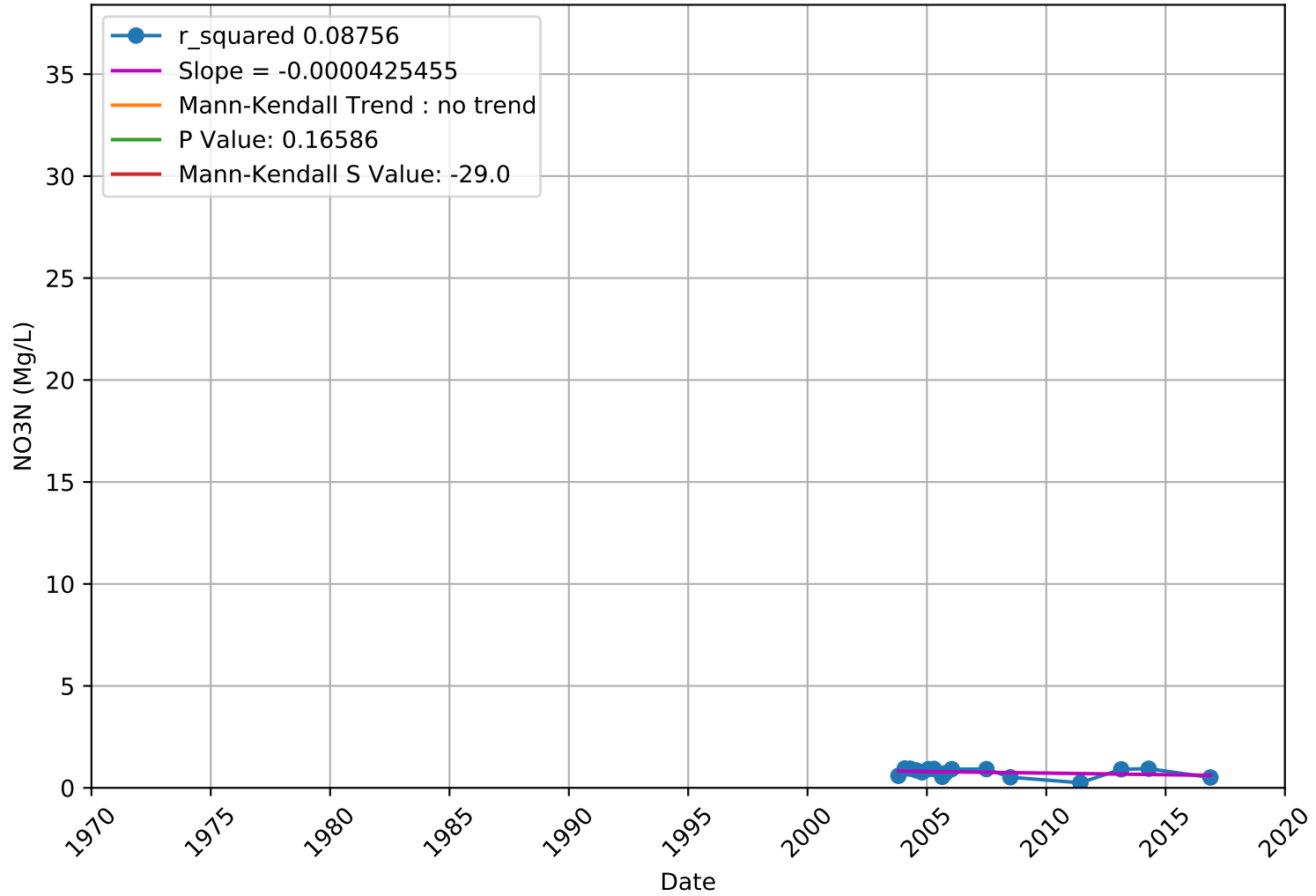
NO3N 377143N1214459W001 - Lower Aquifer



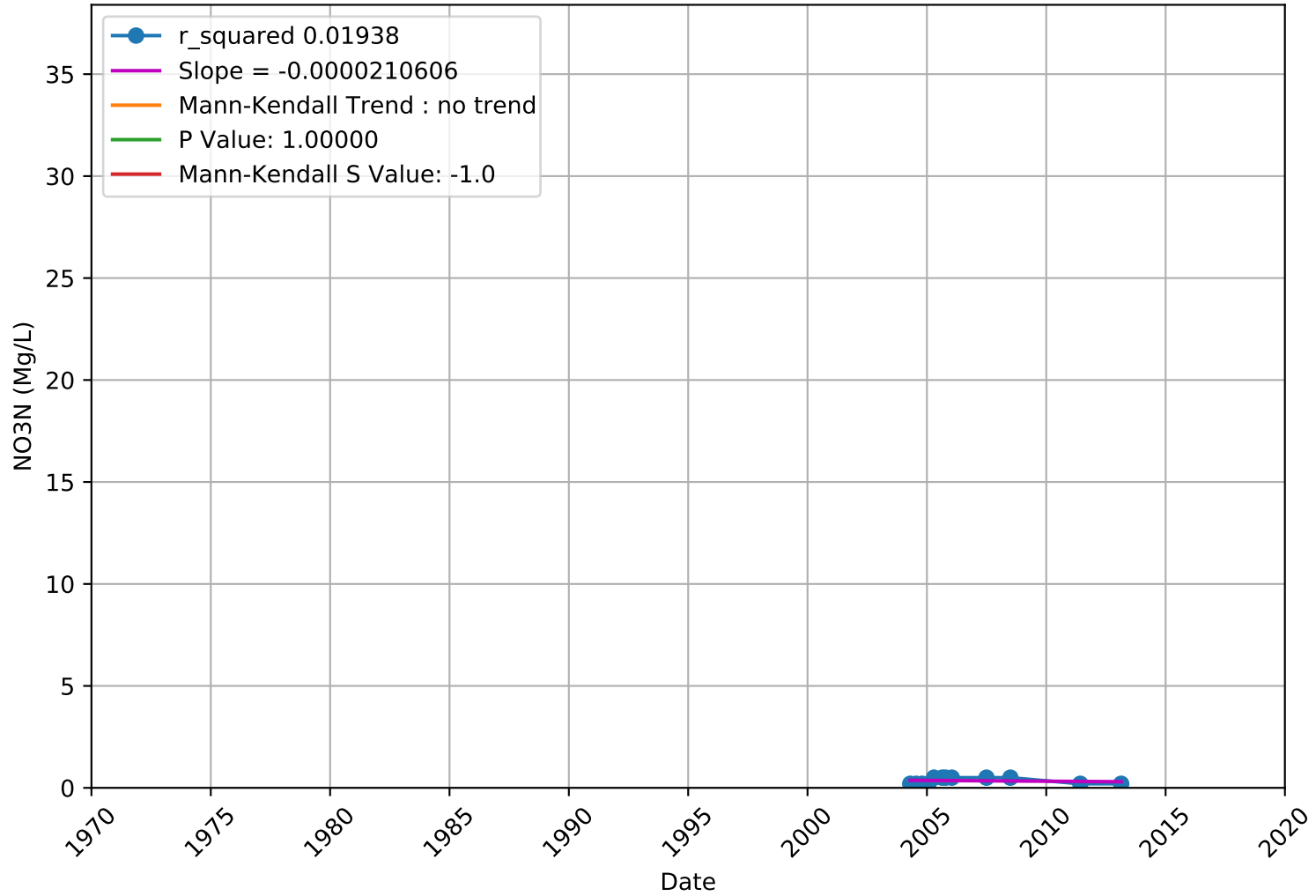
NO3N 377143N1214459W002 - Lower Aquifer



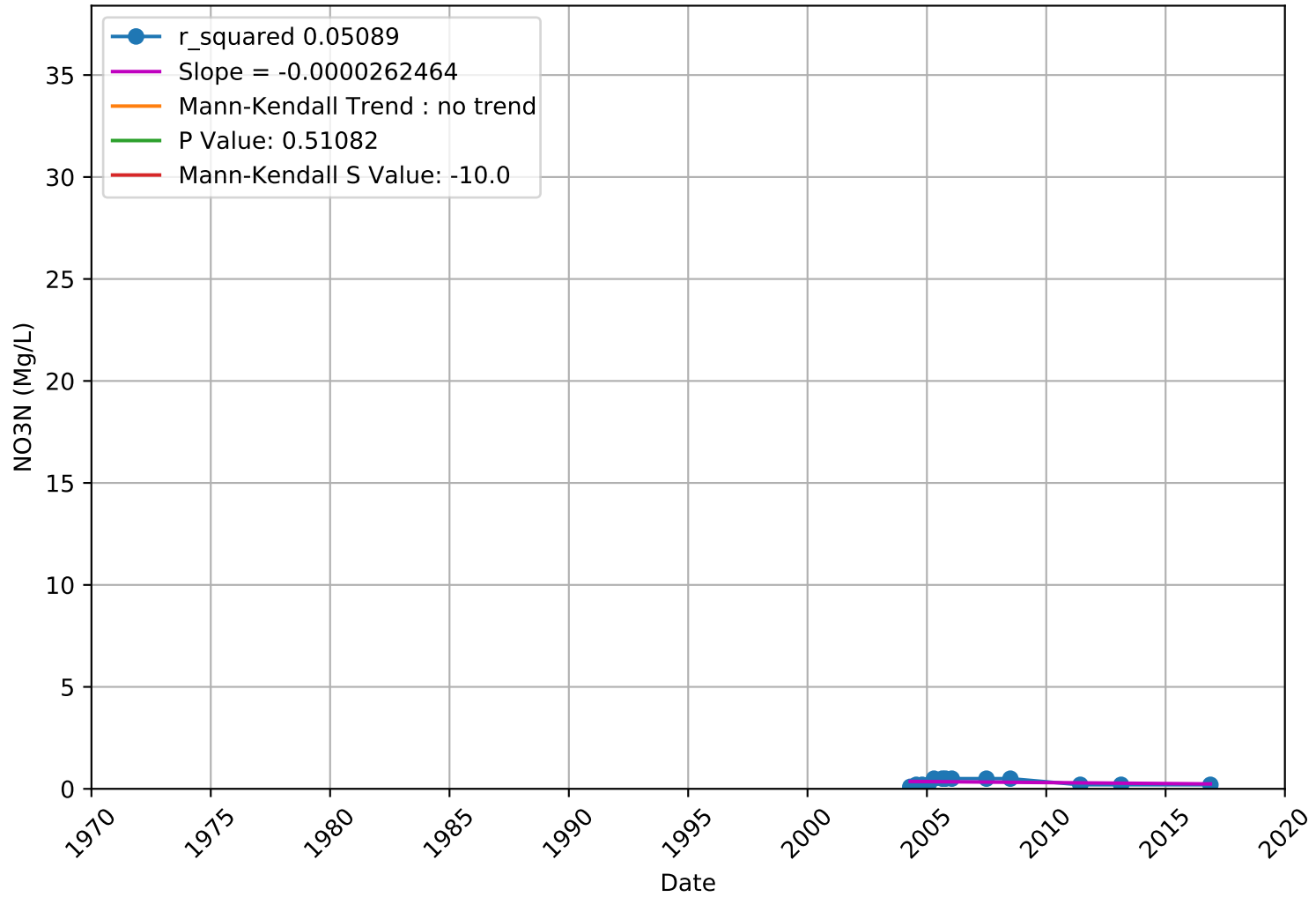
NO3N 377143N1214459W003 - Lower Aquifer



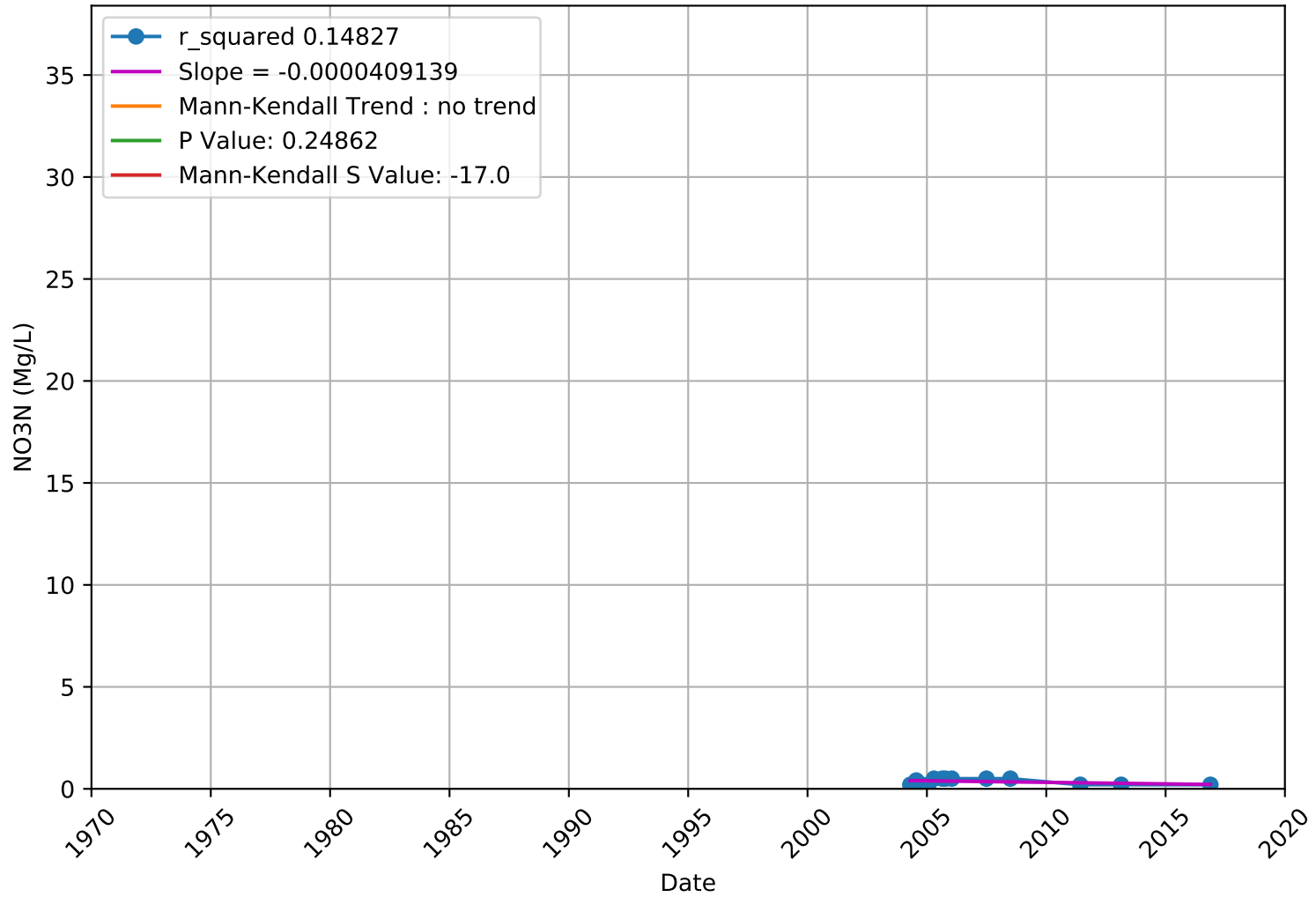
NO3N 377149N1214257W001 - Lower Aquifer



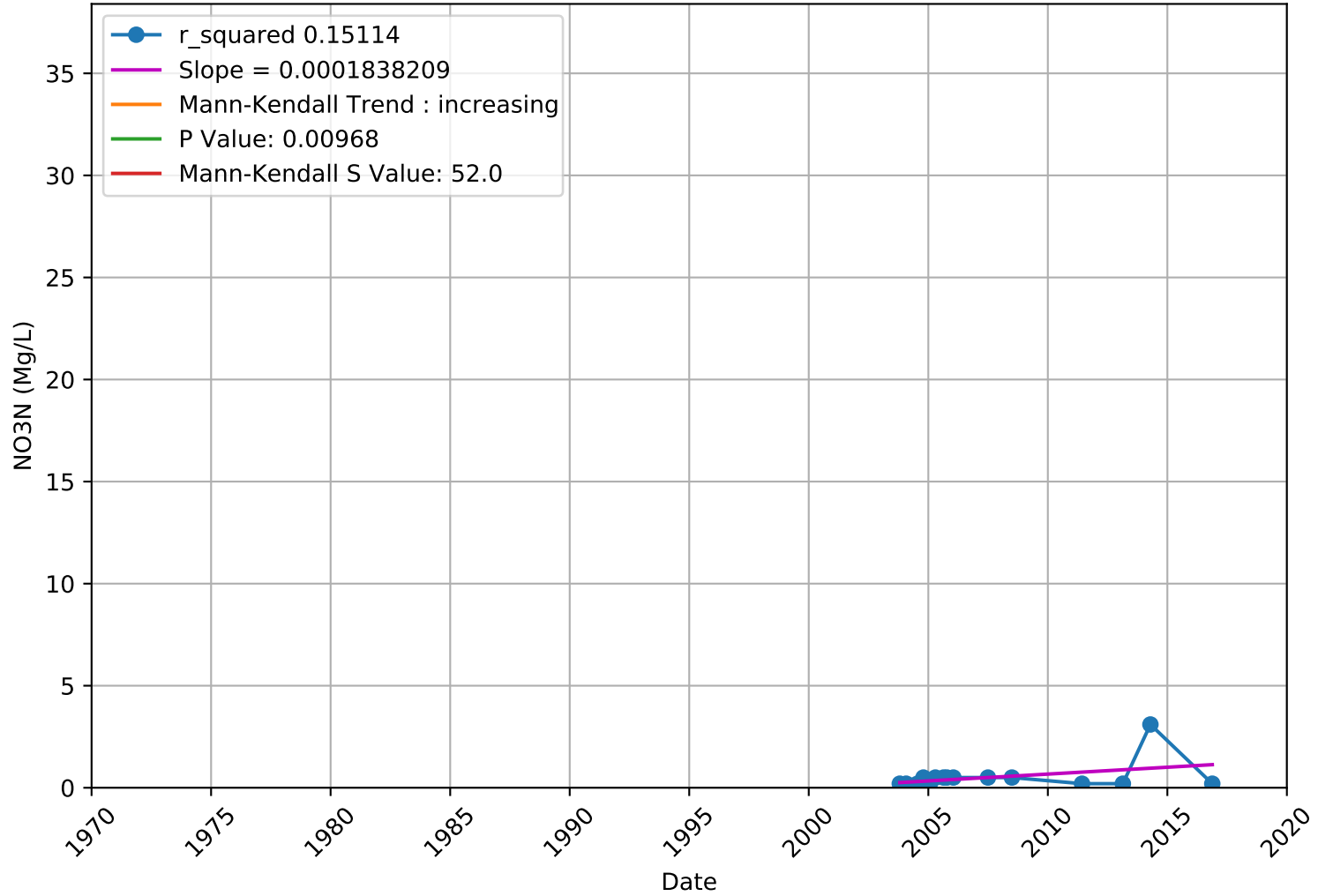
NO3N 377149N1214257W002 - Lower Aquifer



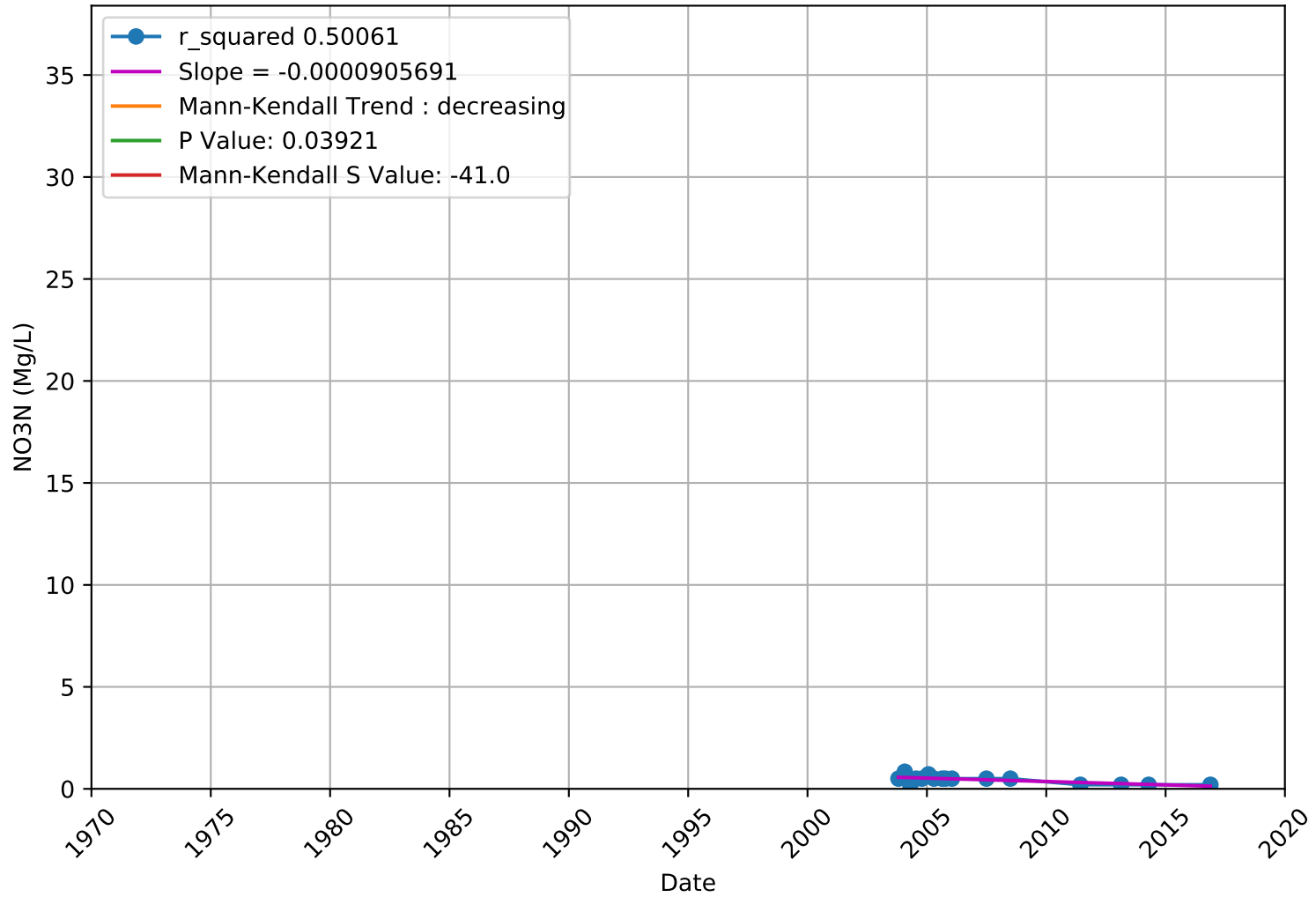
NO3N 377149N1214257W003 - Lower Aquifer



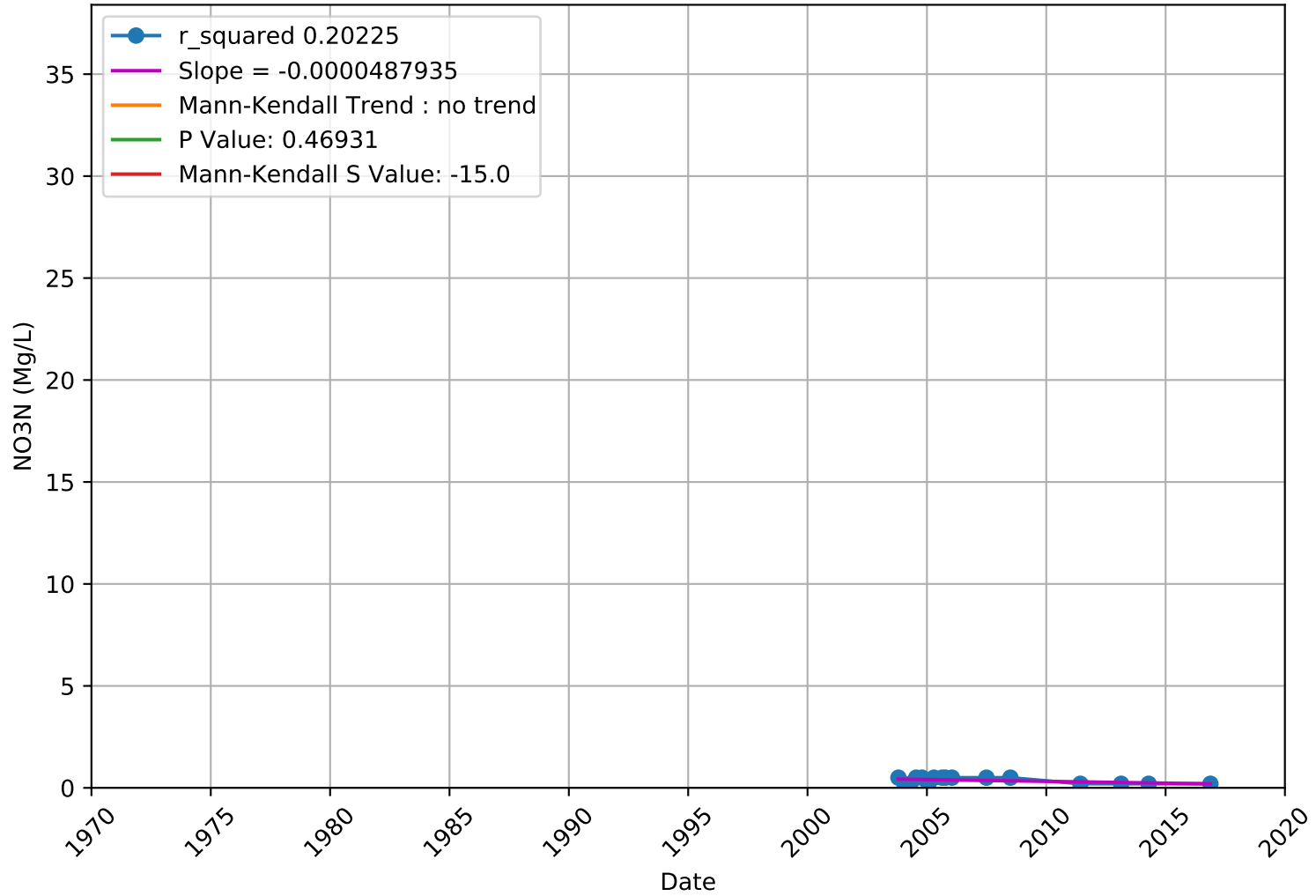
NO3N 377402N1214508W001 - Lower Aquifer



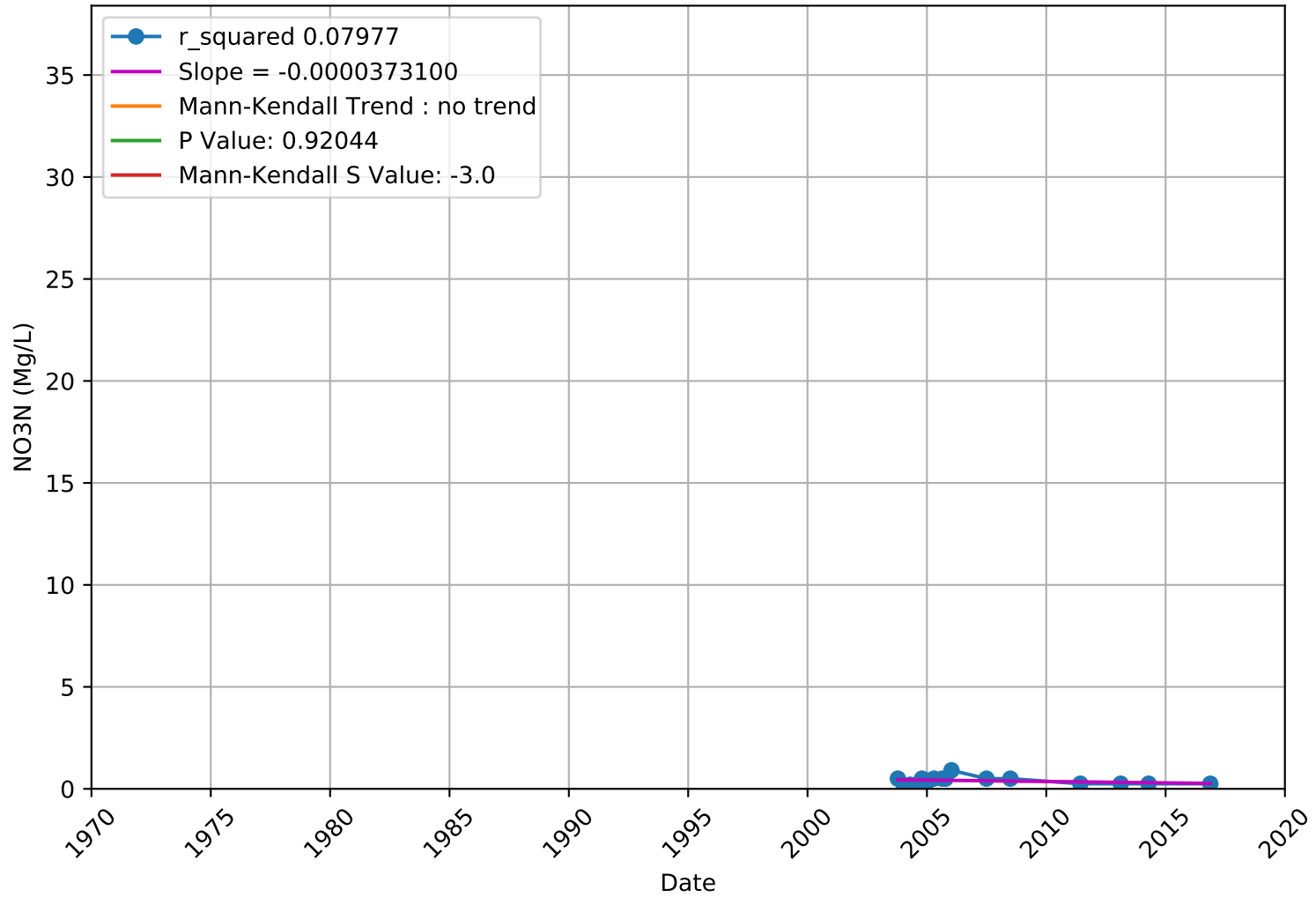
NO3N 377402N1214508W002 - Lower Aquifer



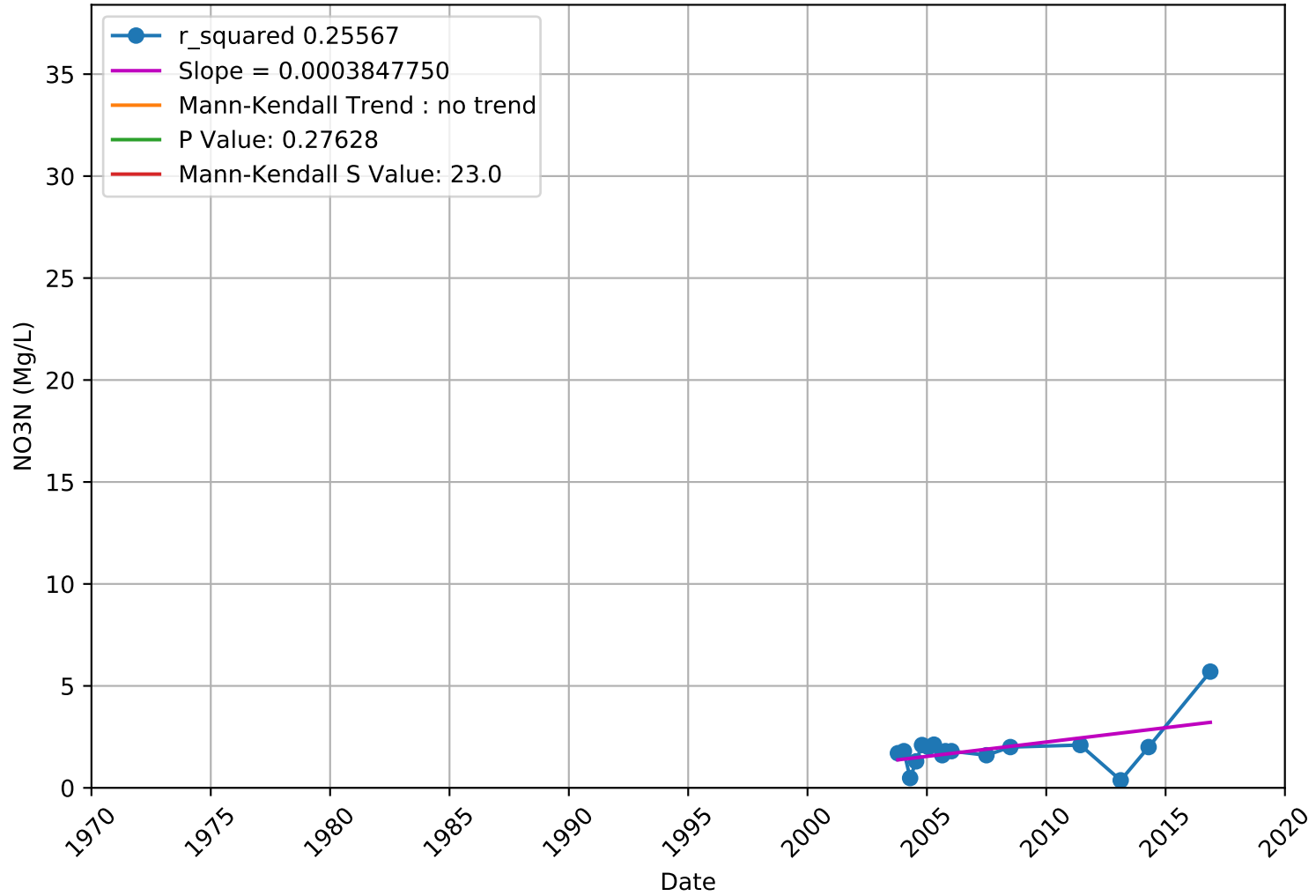
NO3N 377402N1214508W003 - Lower Aquifer



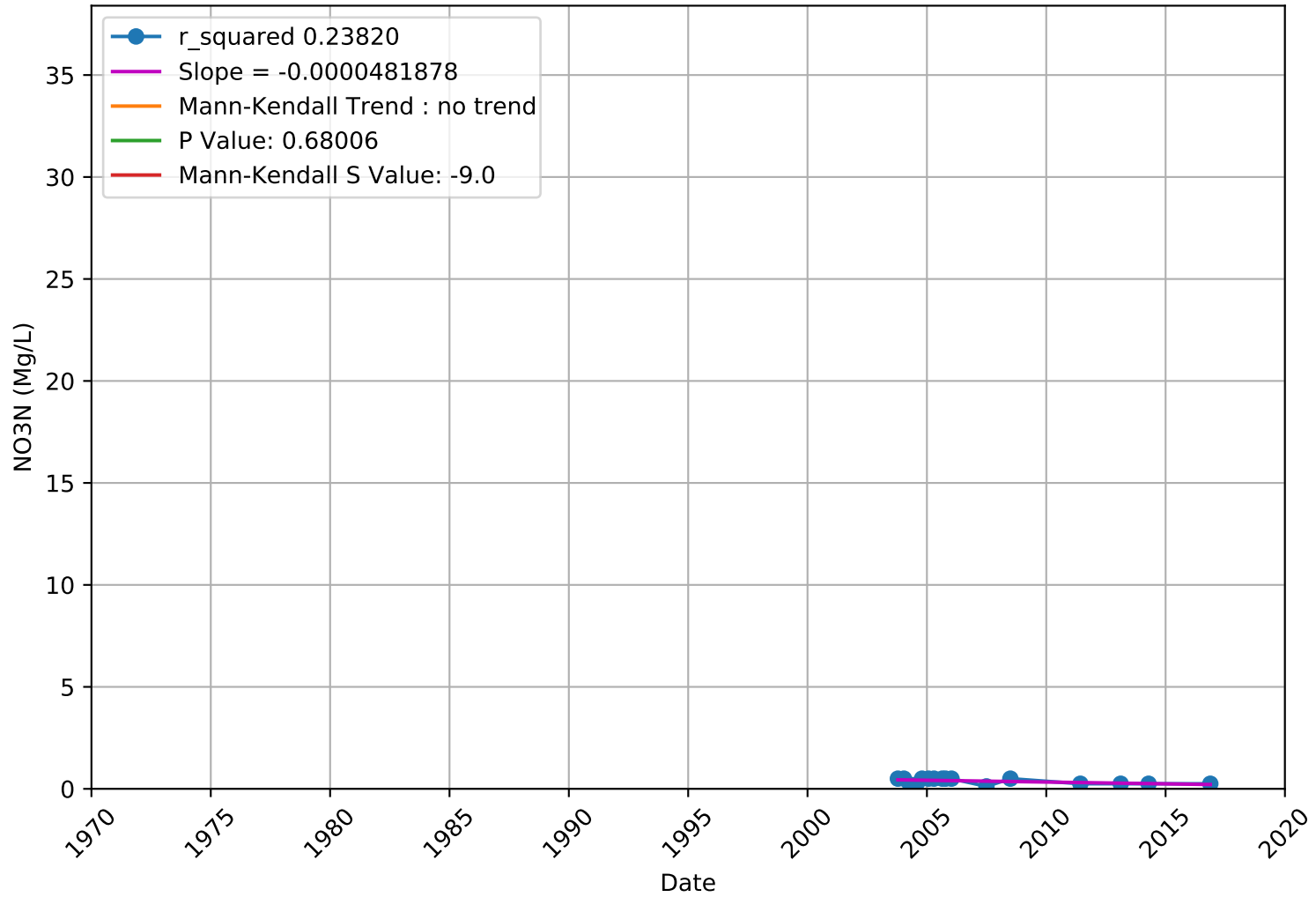
NO3N 377427N1213943W001 - Lower Aquifer



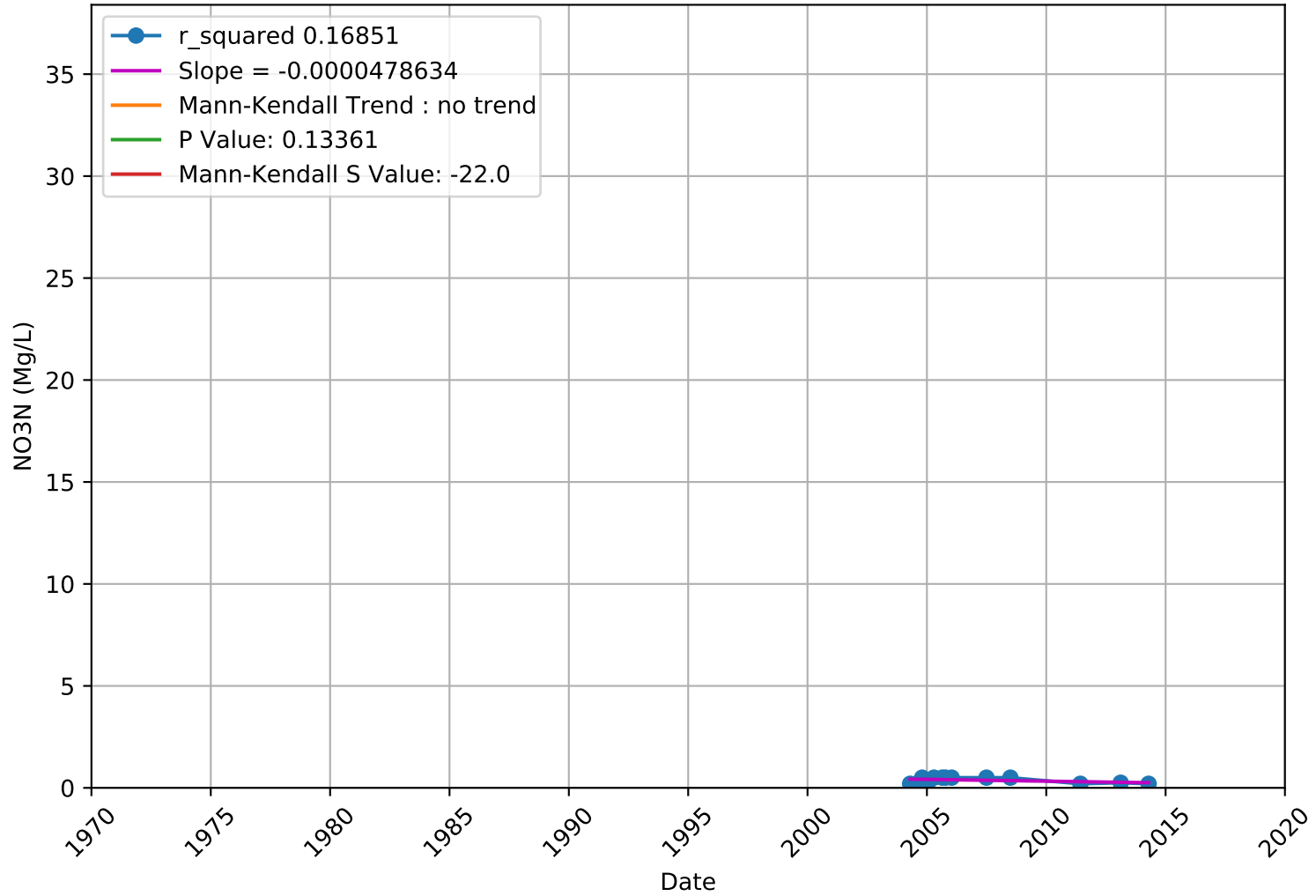
NO3N 377427N1213943W002 - Lower Aquifer



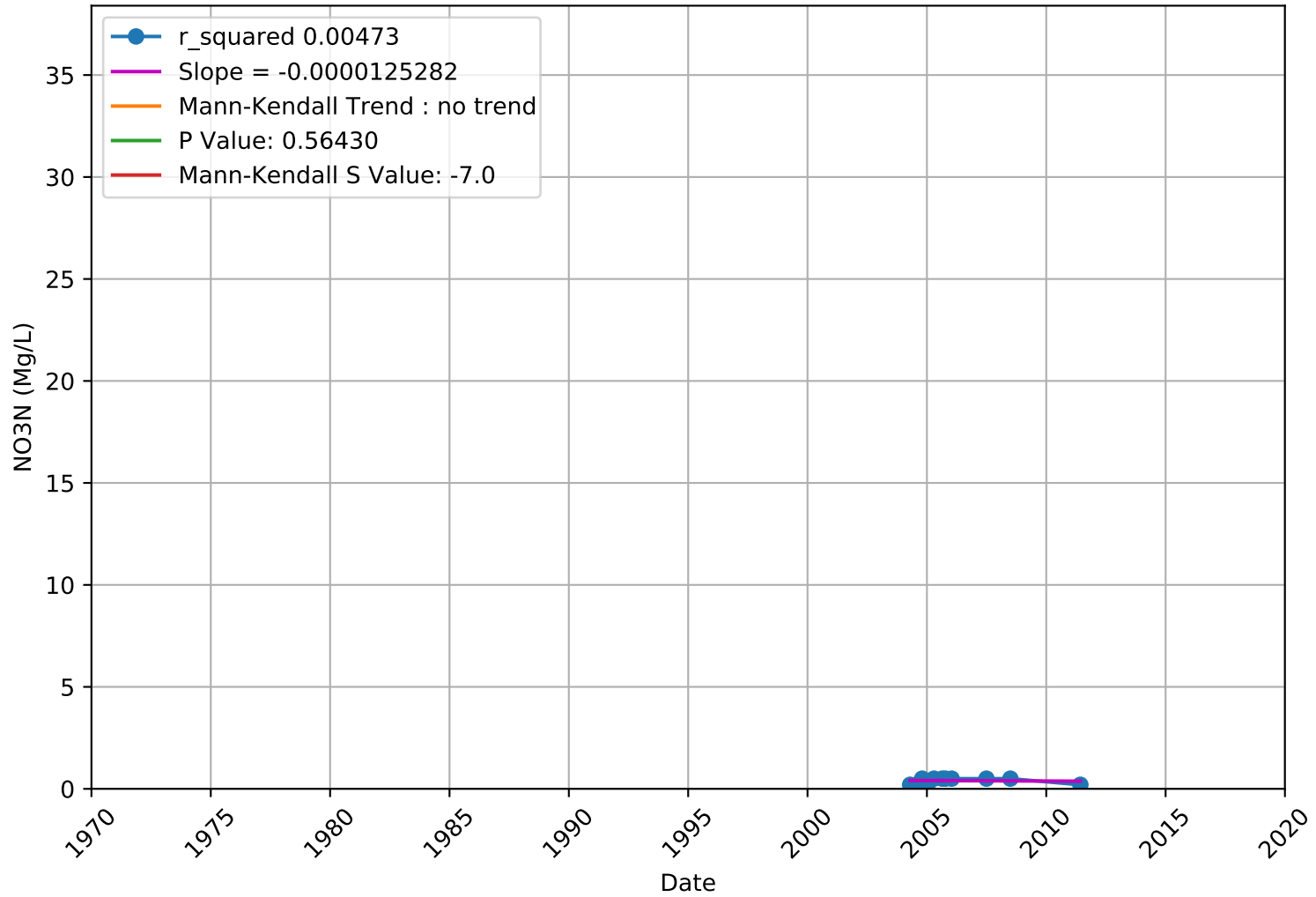
NO3N 377427N1213943W003 - Lower Aquifer



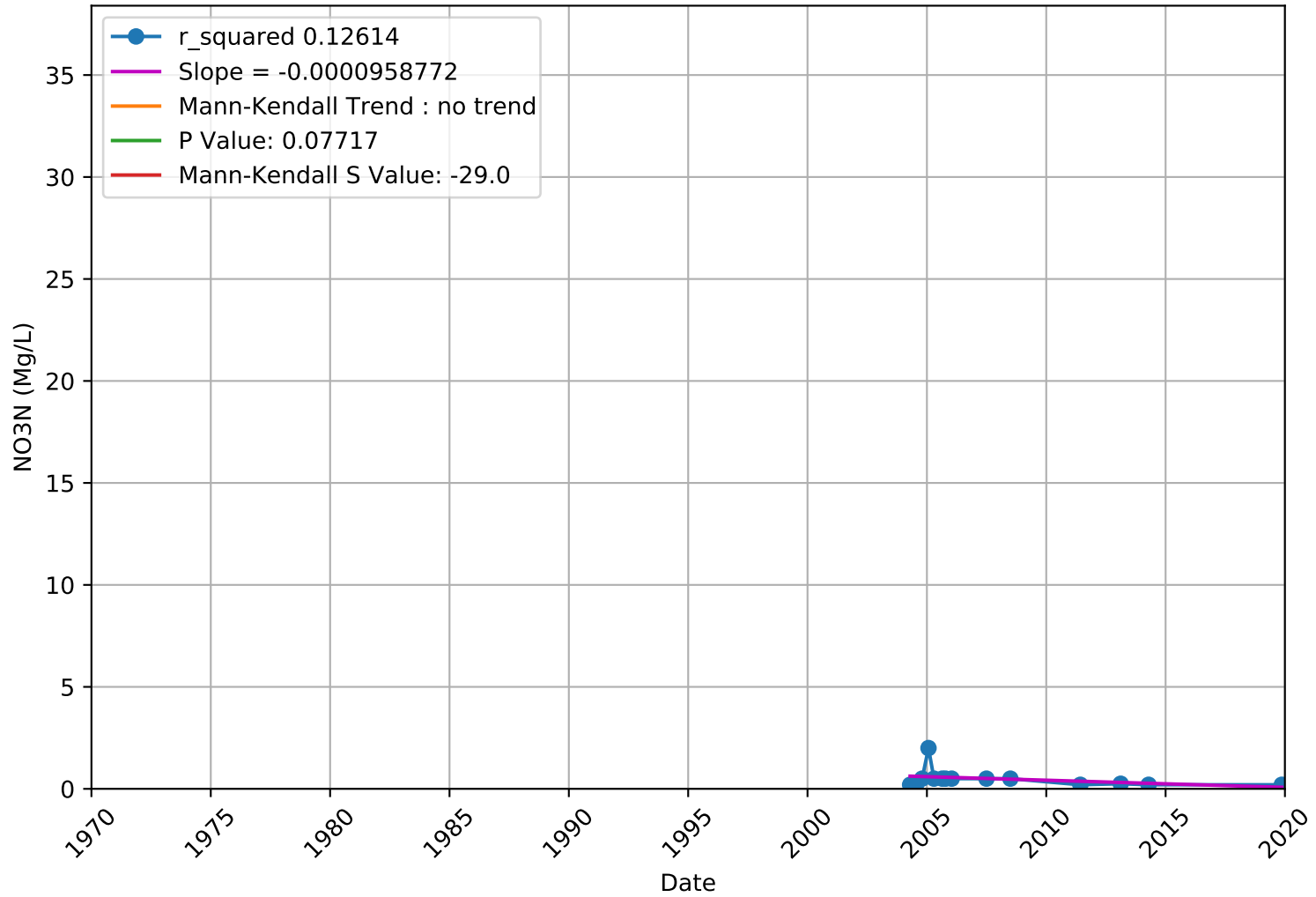
NO3N 377656N1214199W001 - Lower Aquifer



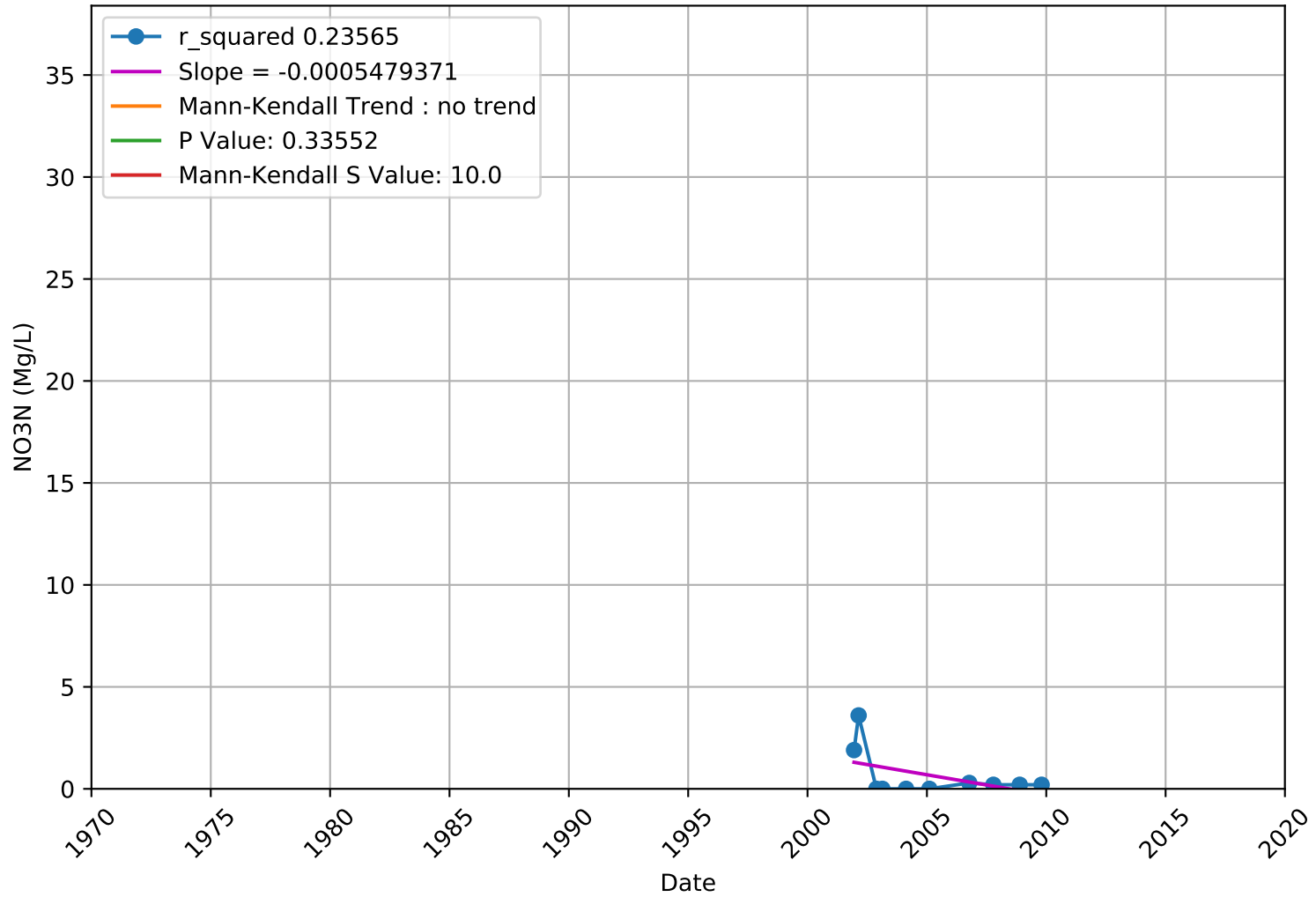
NO3N 377656N1214199W002 - Lower Aquifer



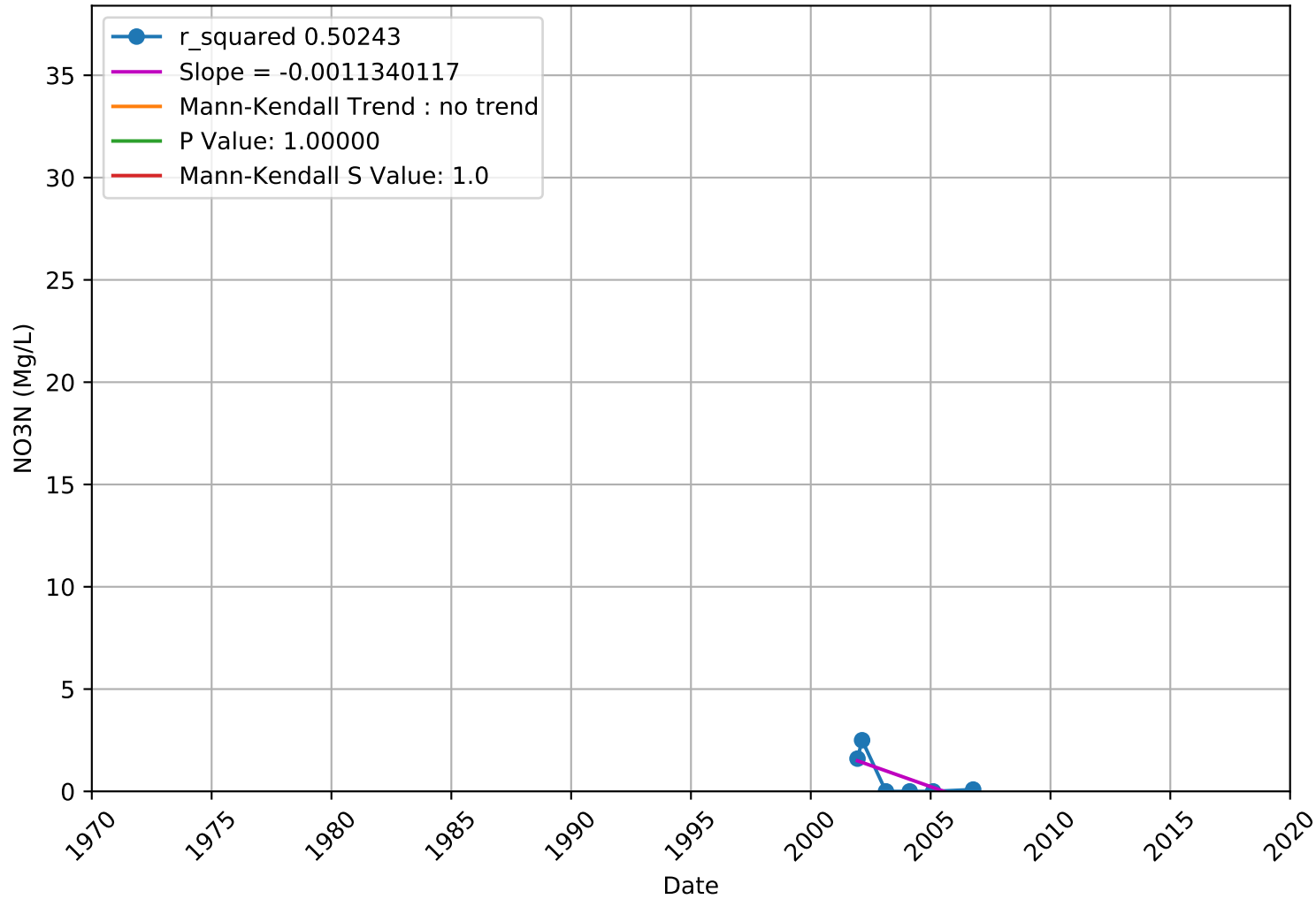
NO3N 377656N1214199W003 - Lower Aquifer



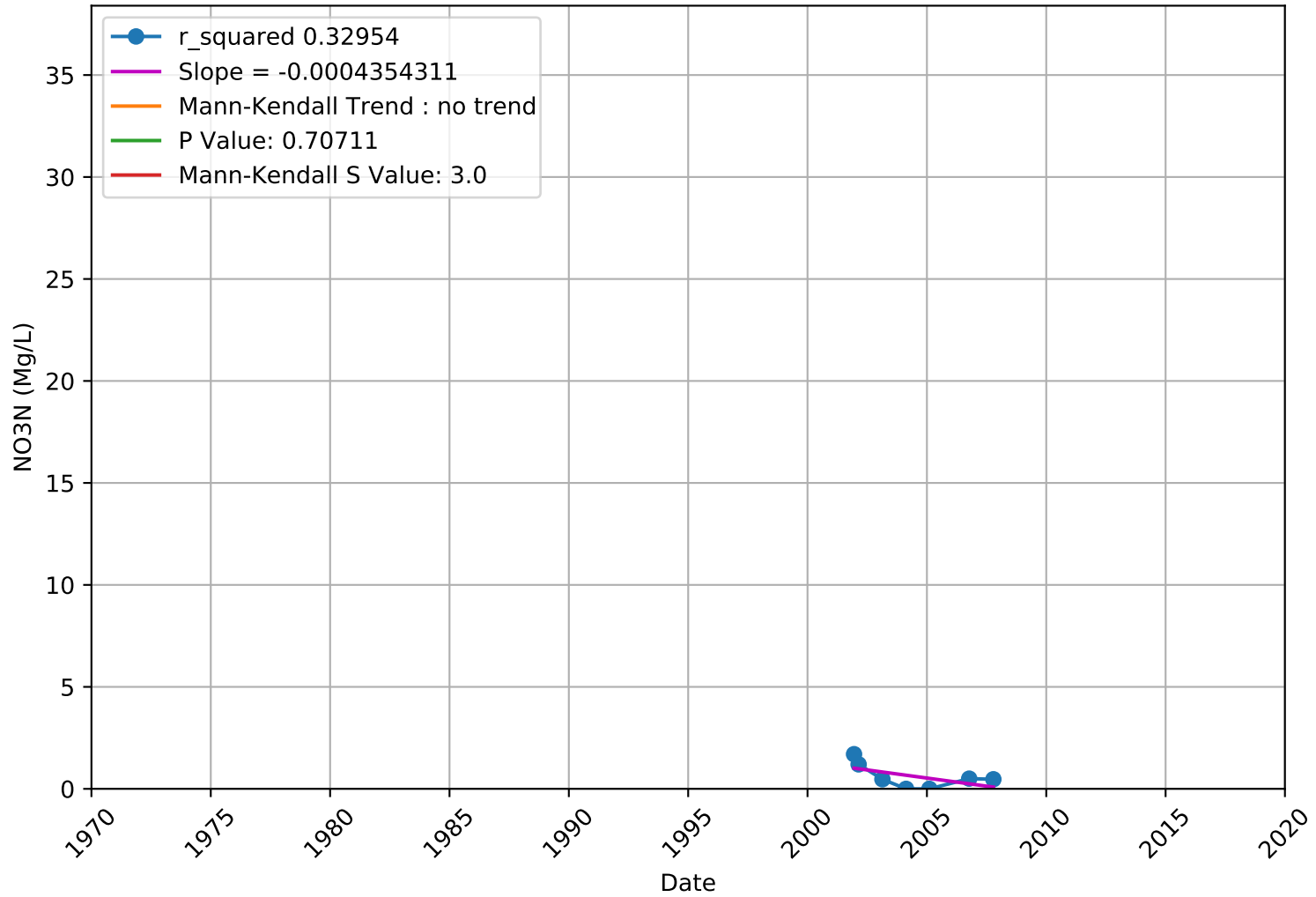
NO3N 3900555-001 - Unknown Aquifer



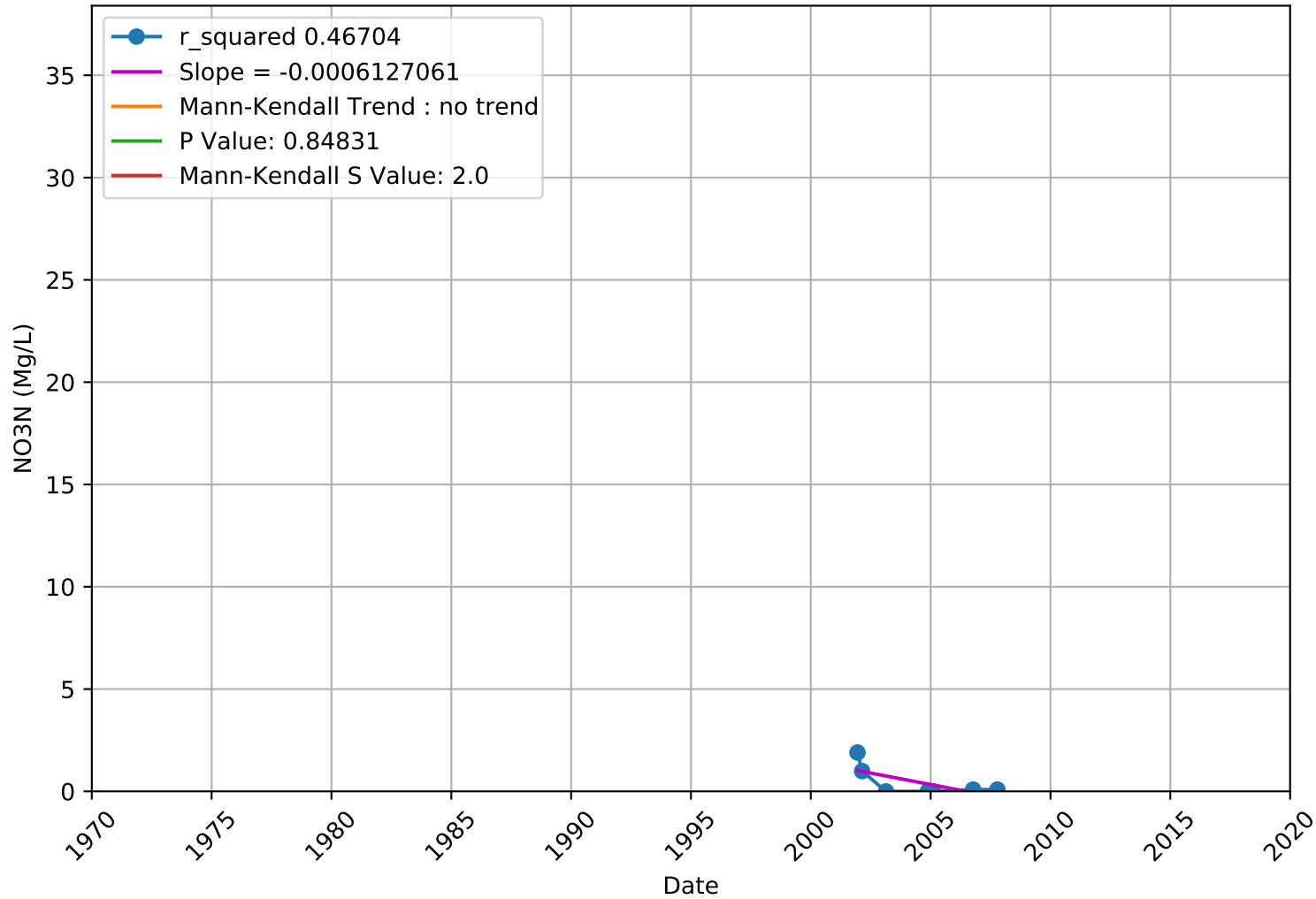
NO3N 3900556-001 - Unknown Aquifer



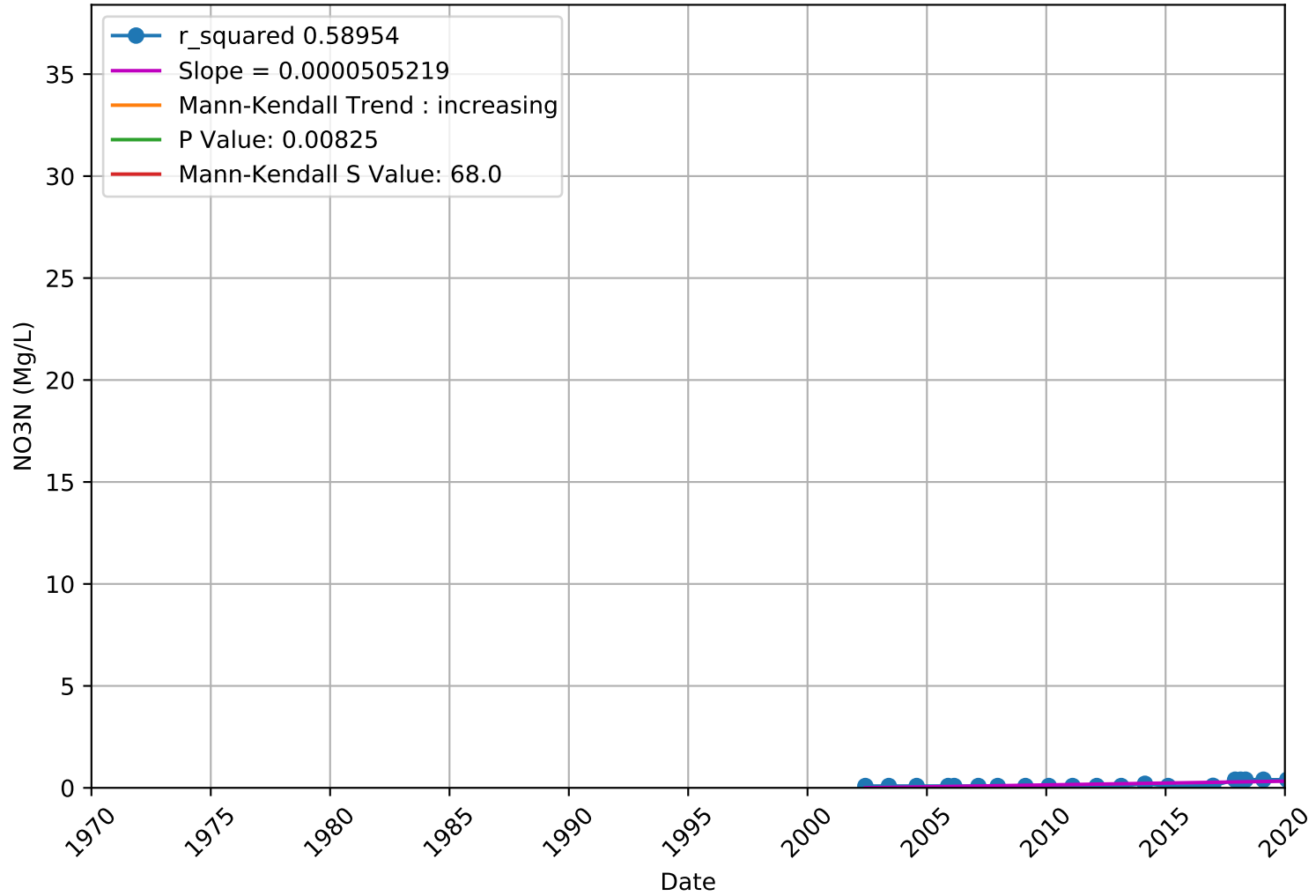
NO3N 3900557-001 - Unknown Aquifer



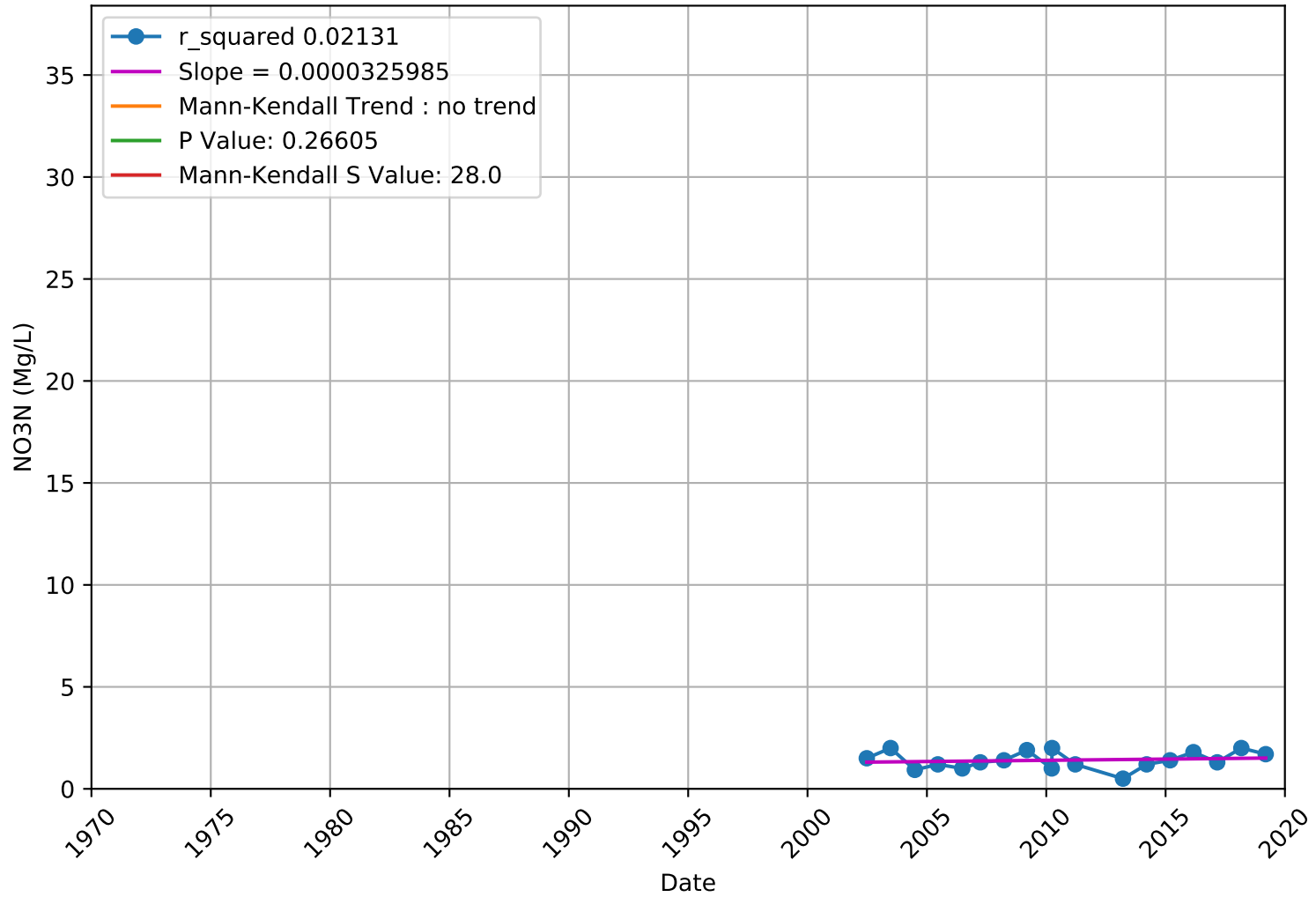
NO3N 3900557-002 - Unknown Aquifer



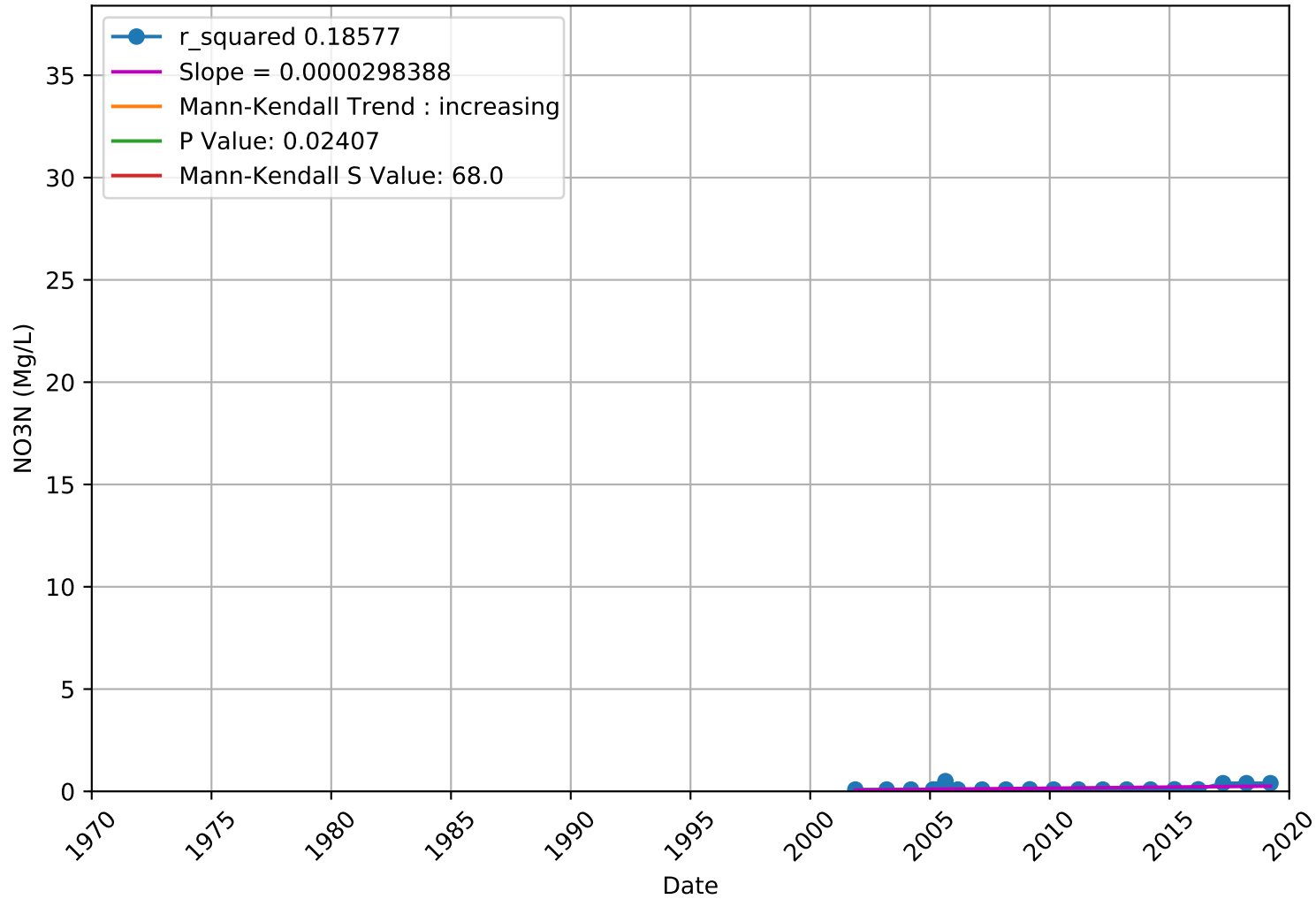
NO3N 3900558-002 - Unknown Aquifer



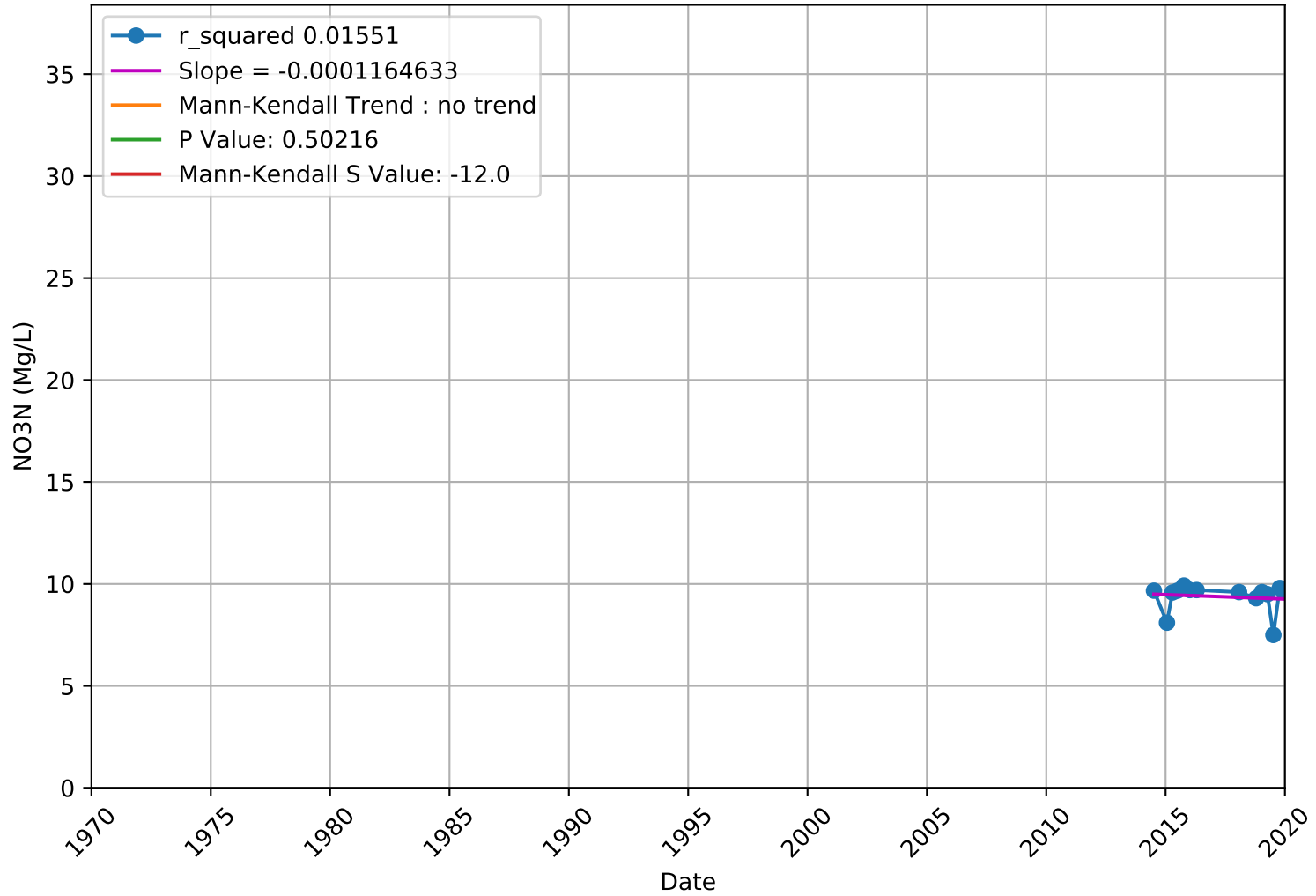
NO3N 3900559-001 - Unknown Aquifer



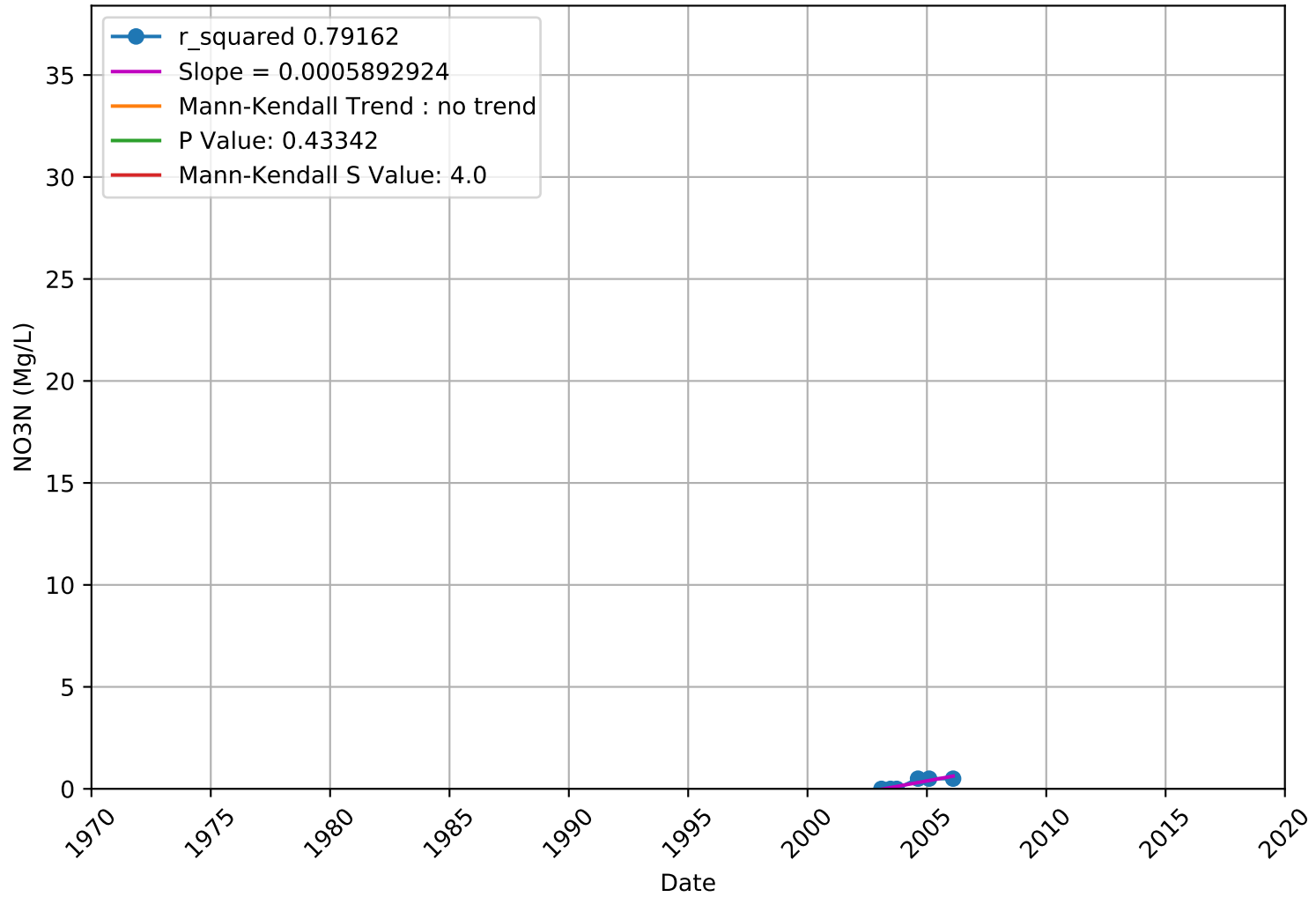
NO3N 3900583-001 - Unknown Aquifer



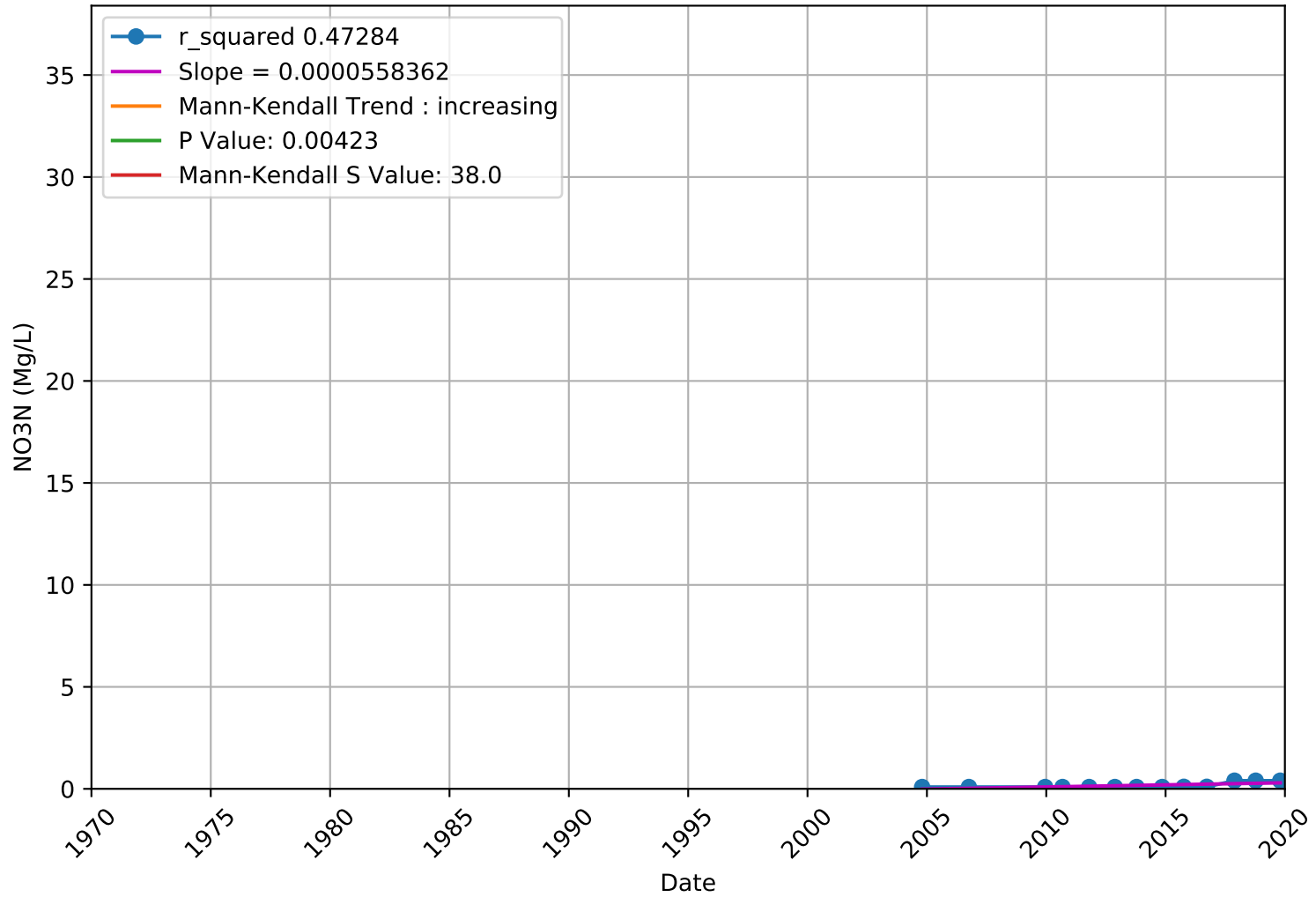
NO3N 3900588-001 - Unknown Aquifer



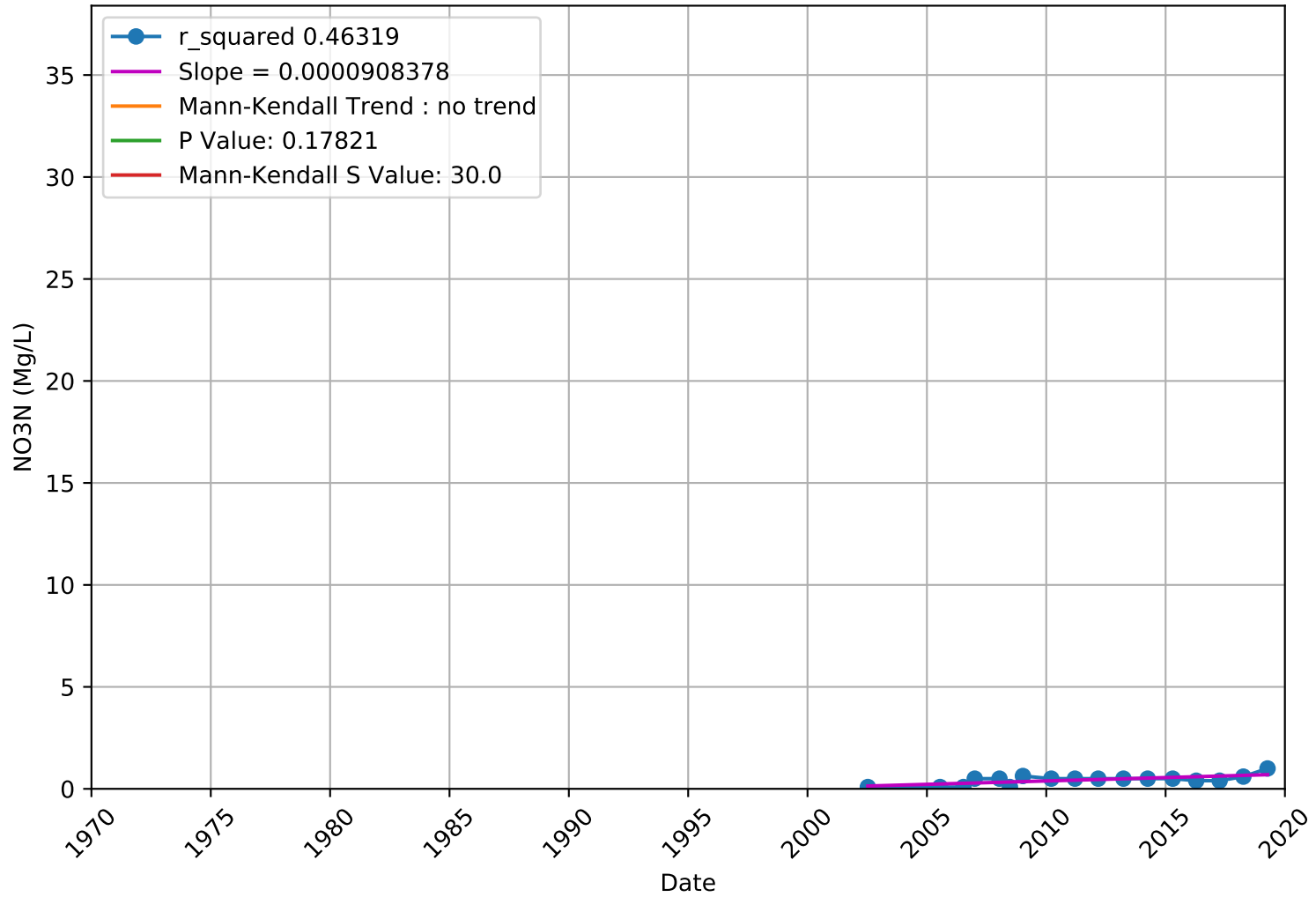
NO3N 3900589-001 - Unknown Aquifer



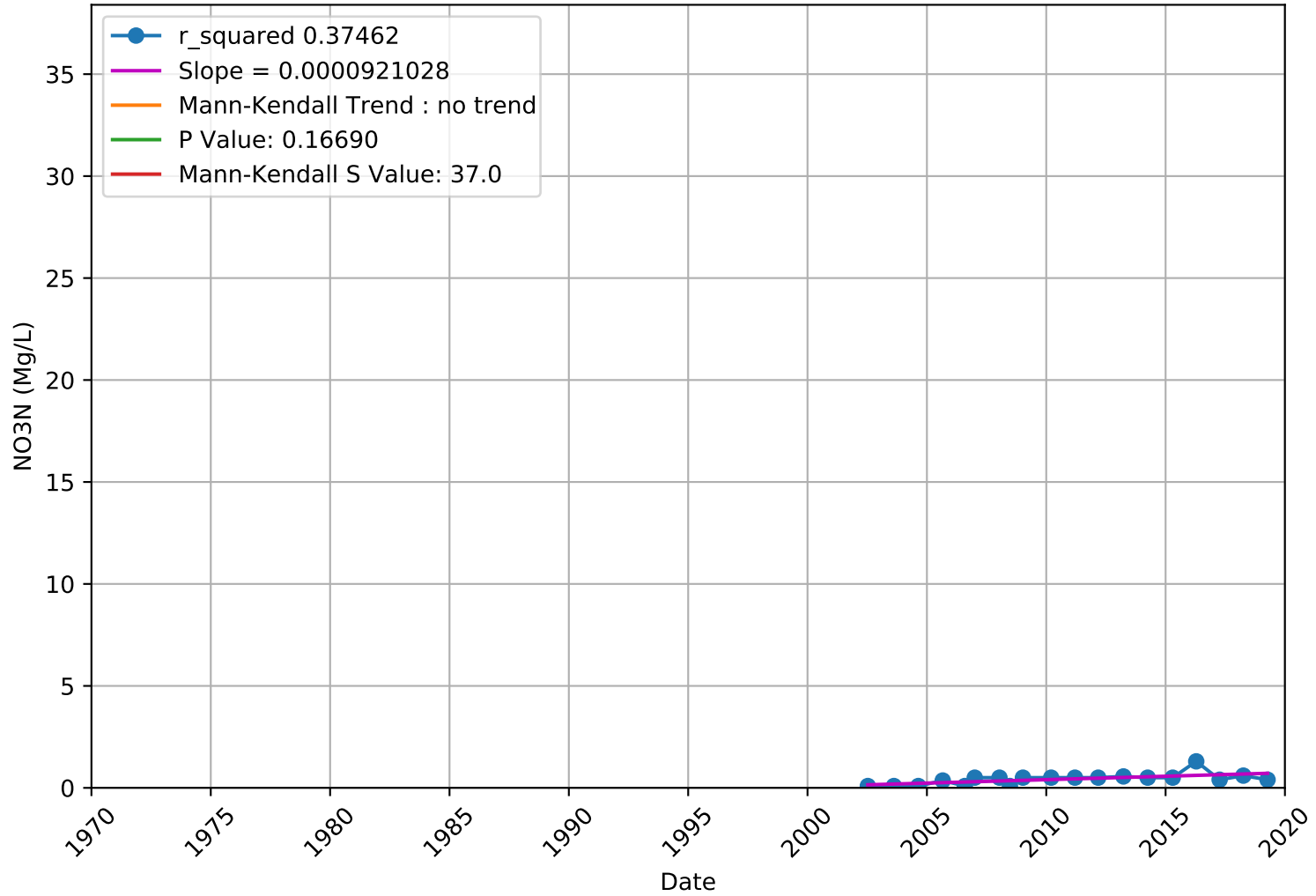
NO3N 3900593-001 - Unknown Aquifer



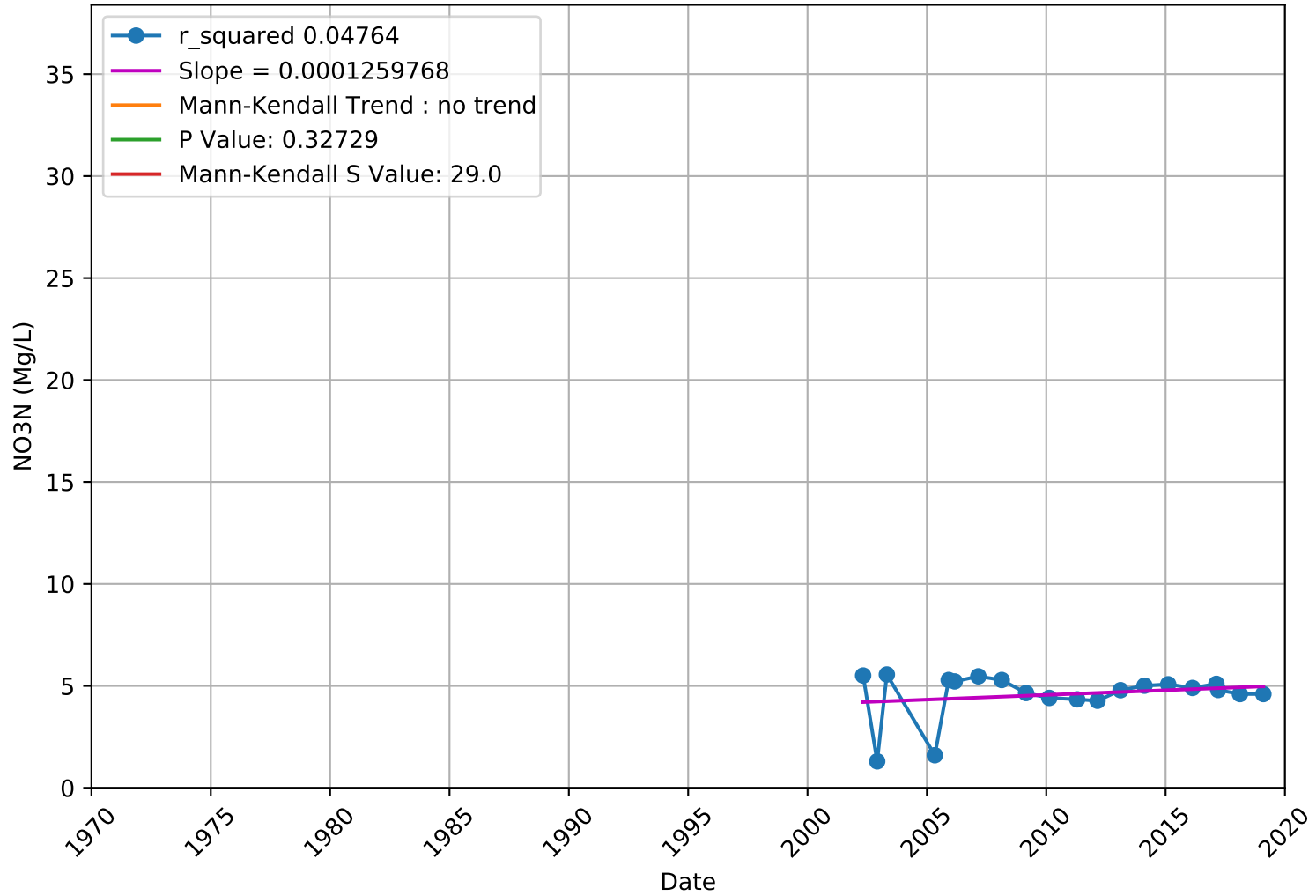
NO3N 3900616-001 - Unknown Aquifer



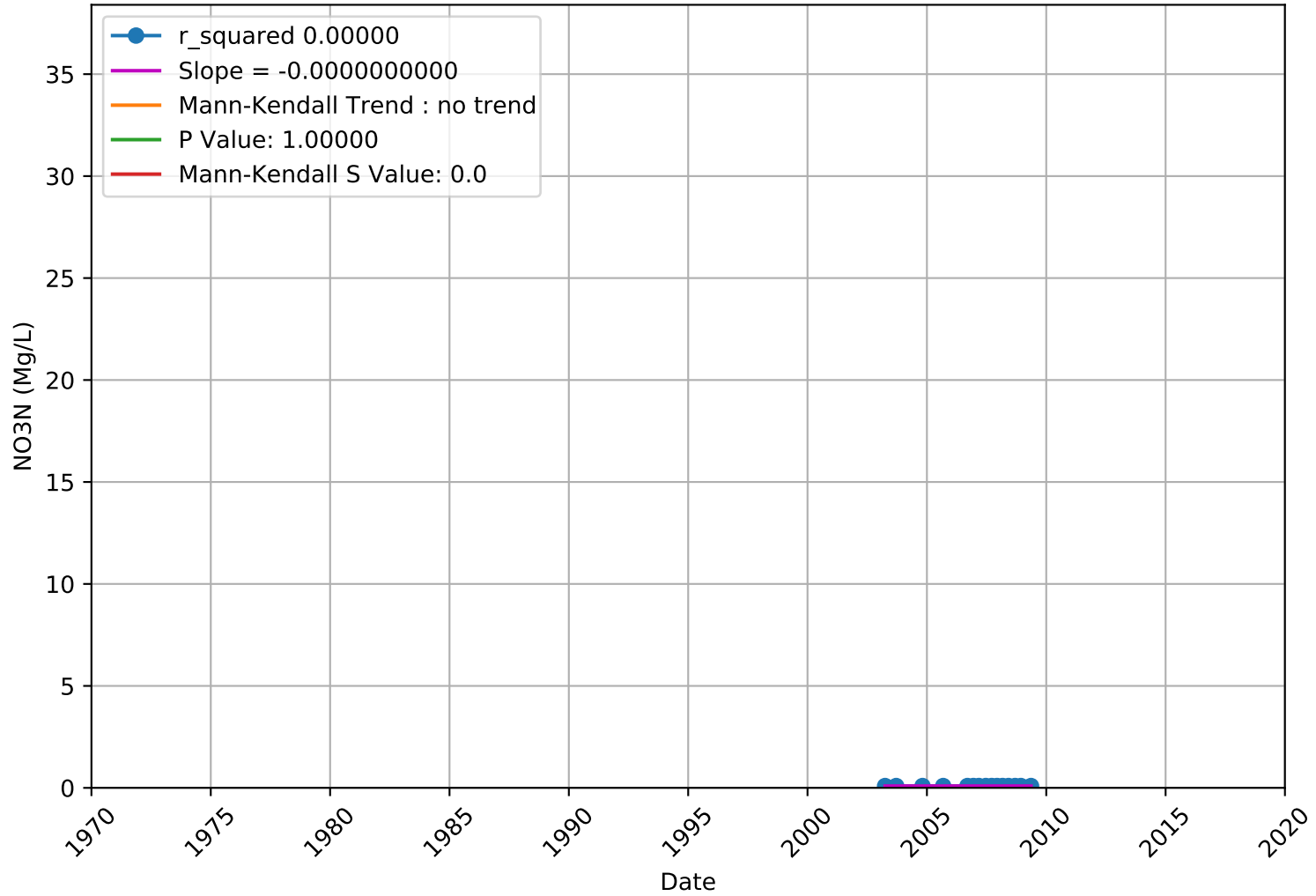
NO3N 3900616-002 - Unknown Aquifer



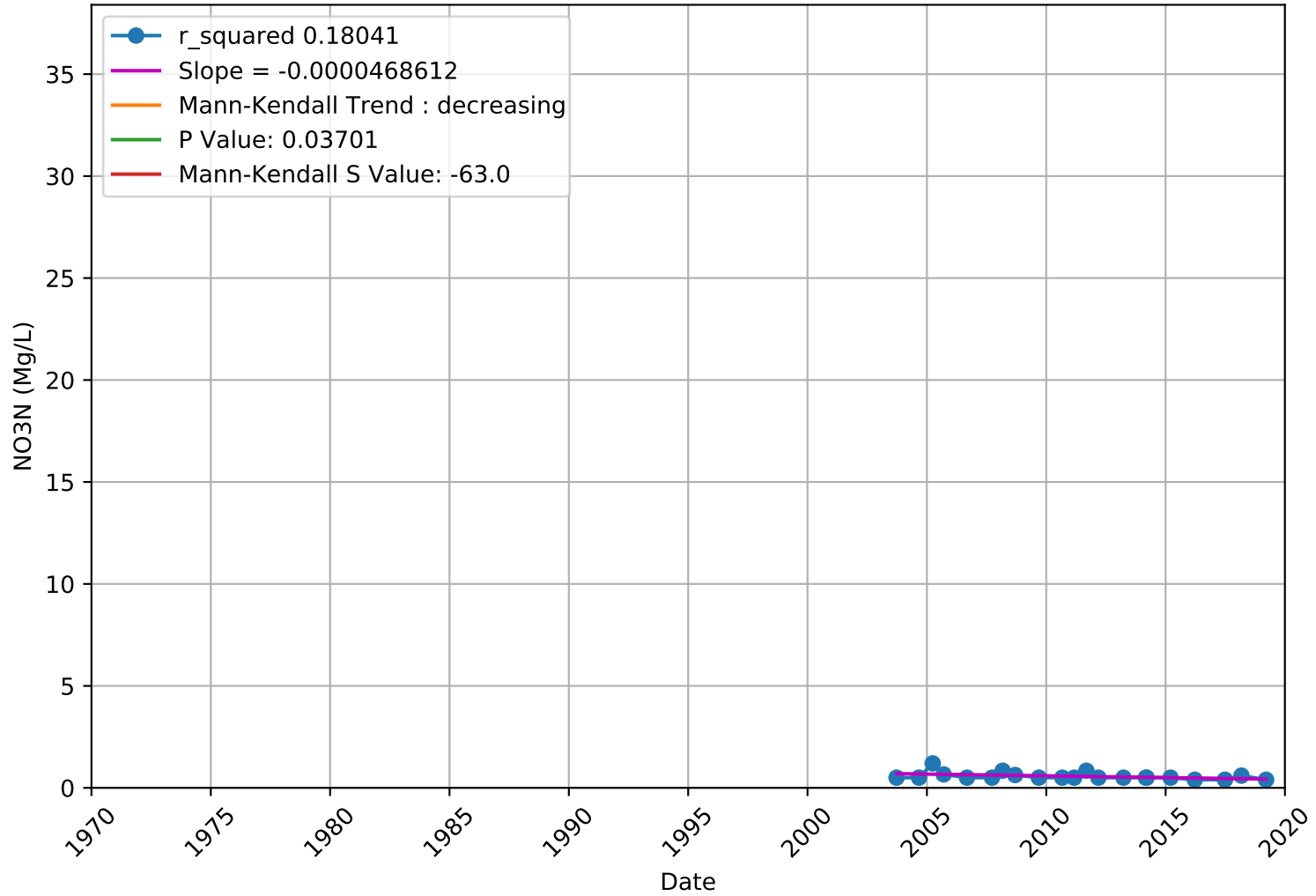
NO3N 3900702-001 - Unknown Aquifer



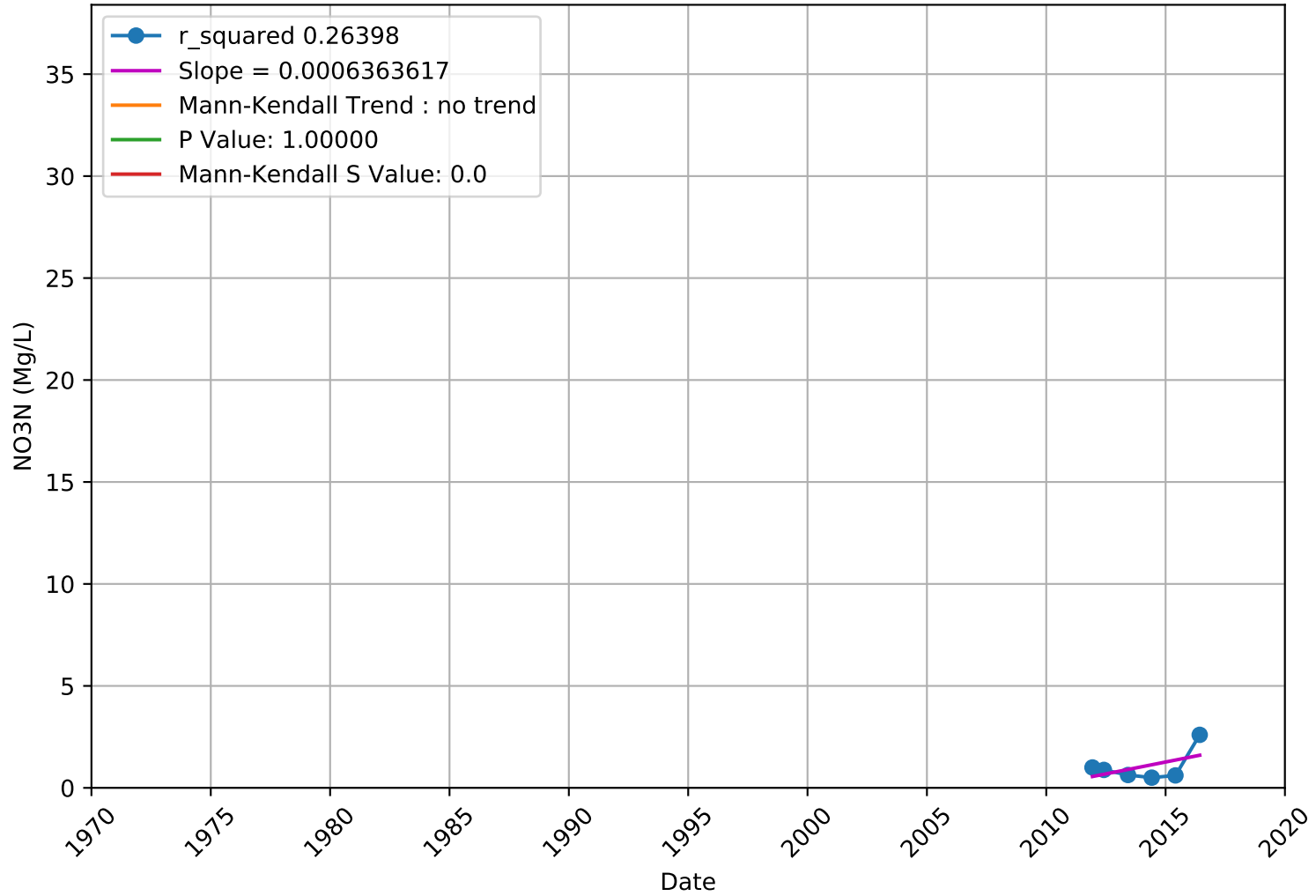
NO3N 3900713-001 - Unknown Aquifer



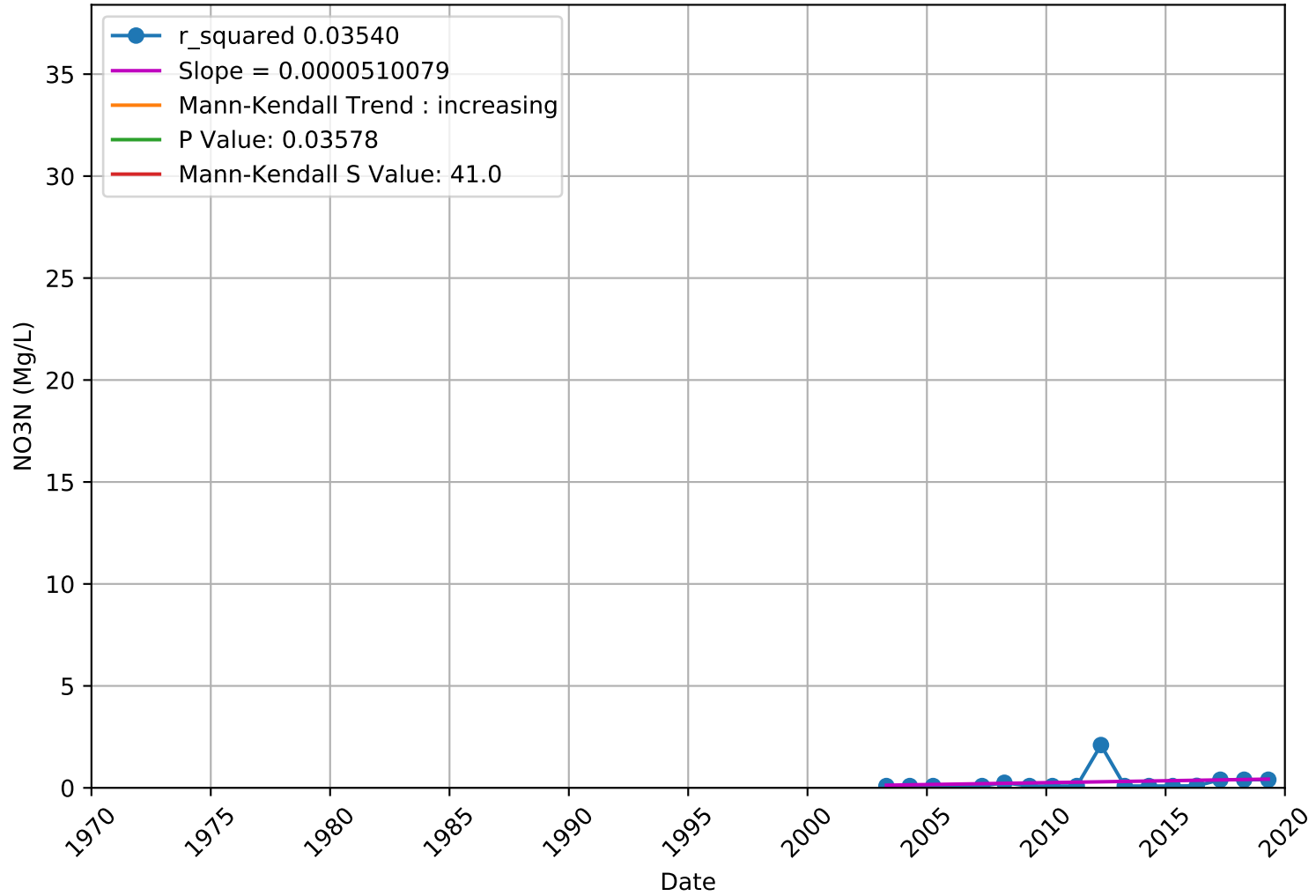
NO3N 3900719-001 - Unknown Aquifer



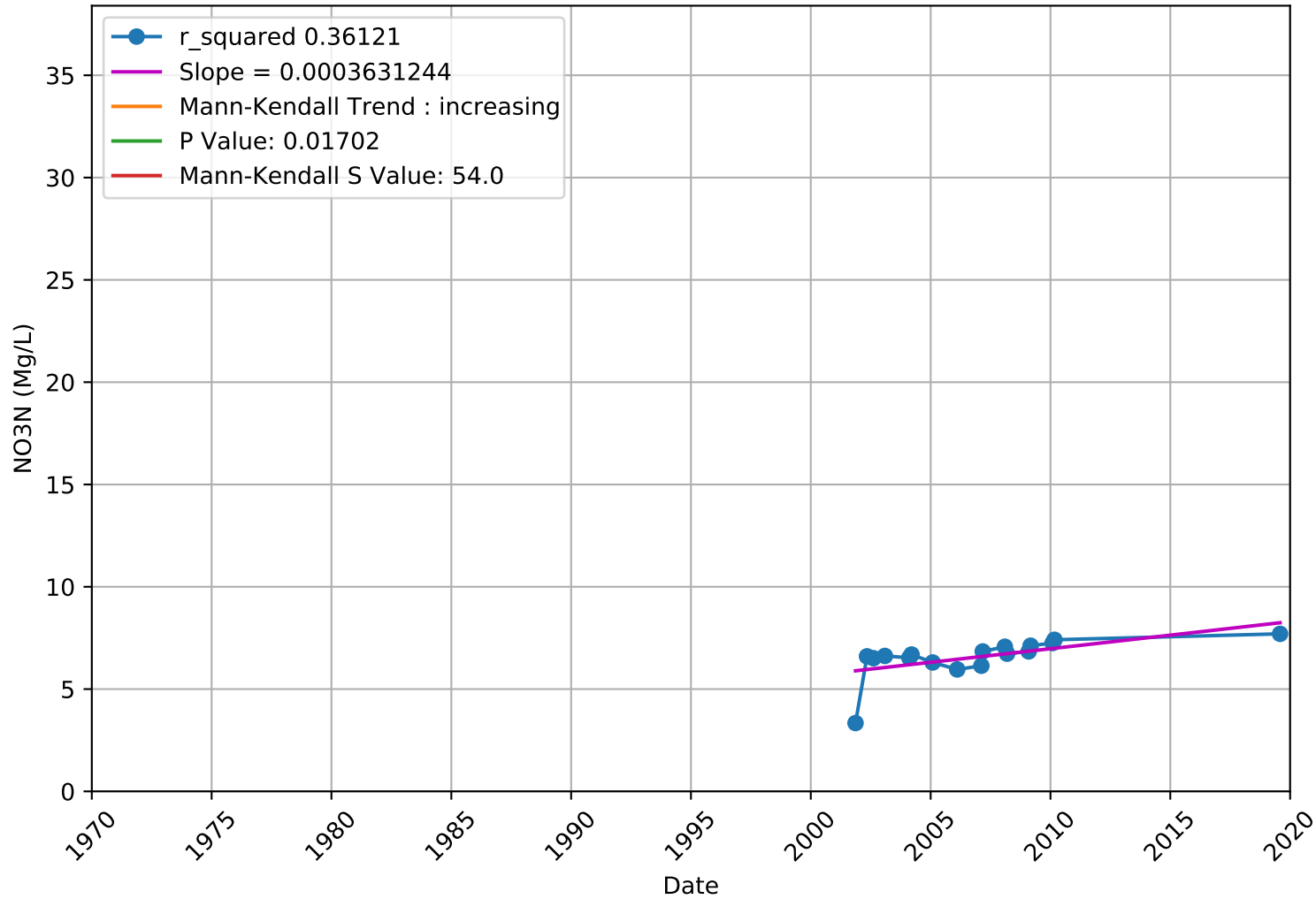
NO3N 3900731-001 - Unknown Aquifer



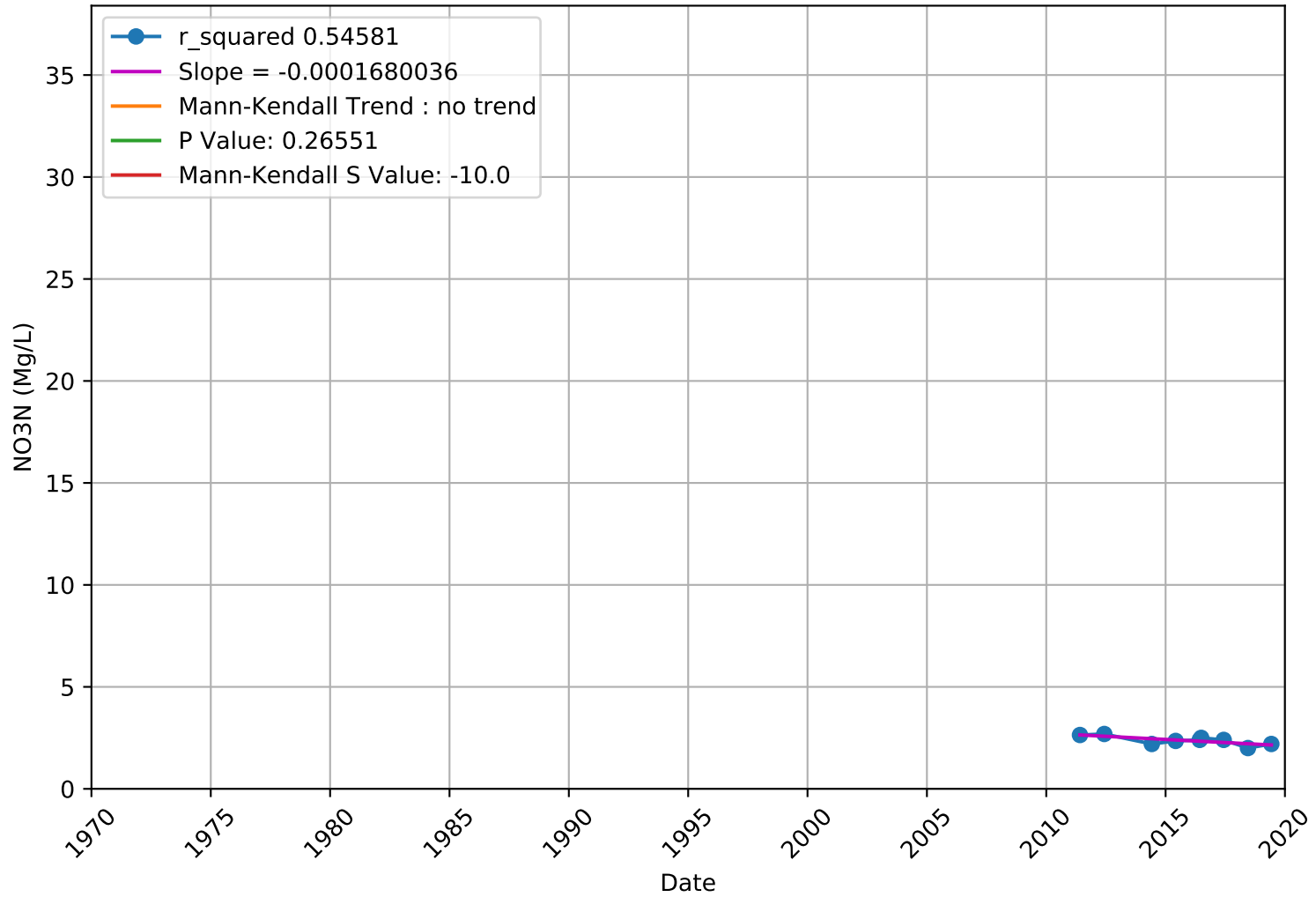
NO3N 3900759-003 - Unknown Aquifer



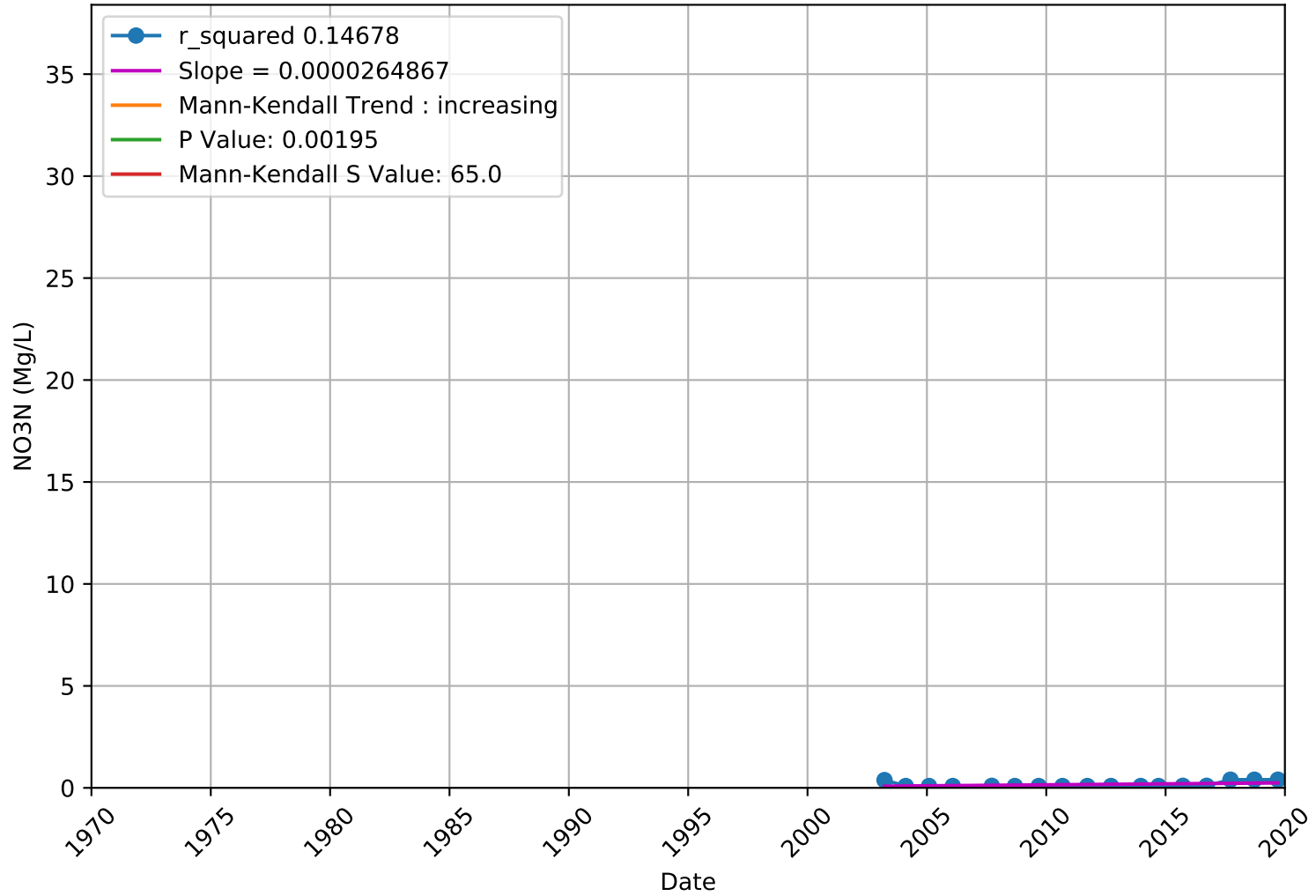
NO3N 3900805-002 - Unknown Aquifer



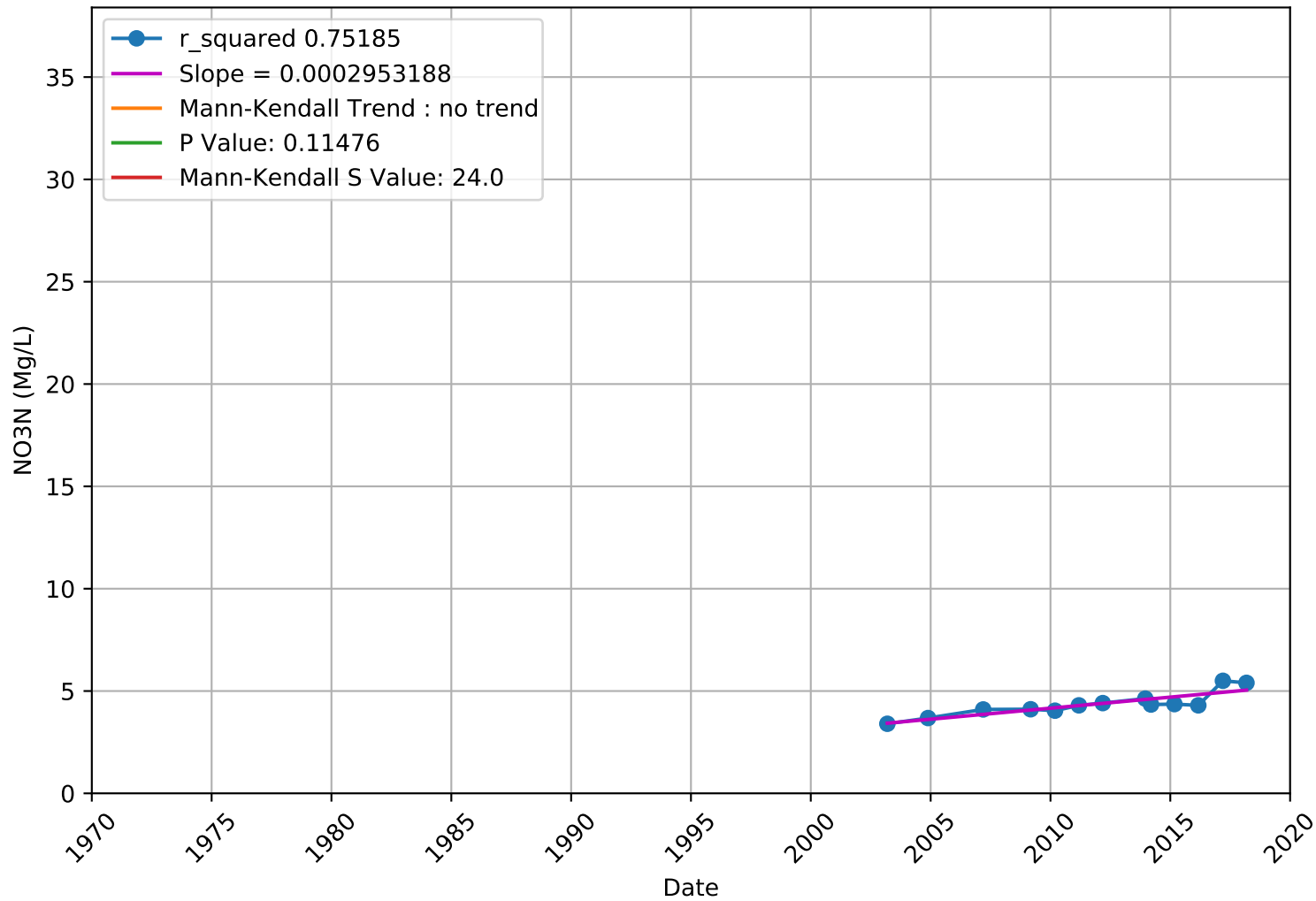
NO3N 3900805-008 - Unknown Aquifer



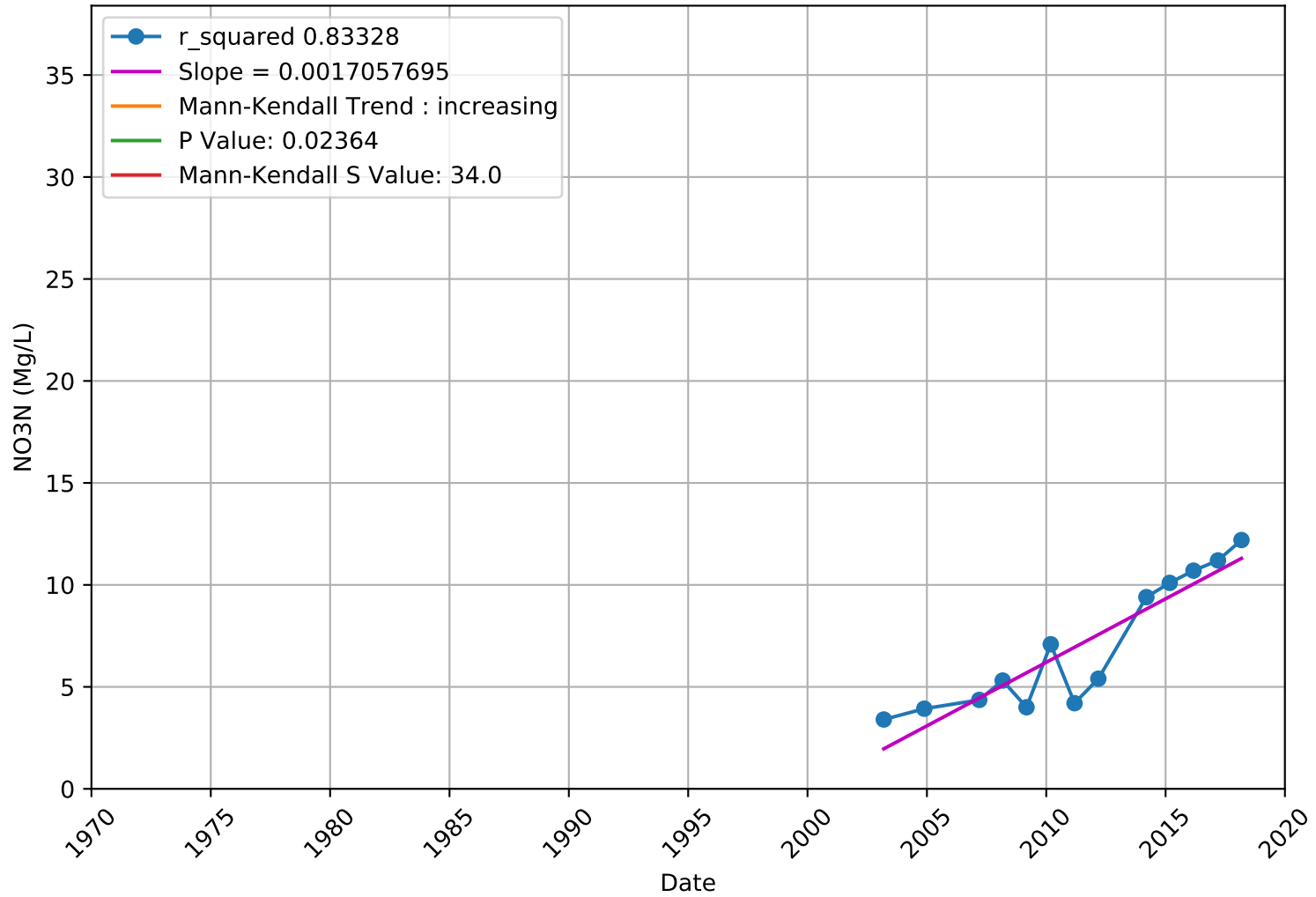
NO3N 3900807-001 - Unknown Aquifer



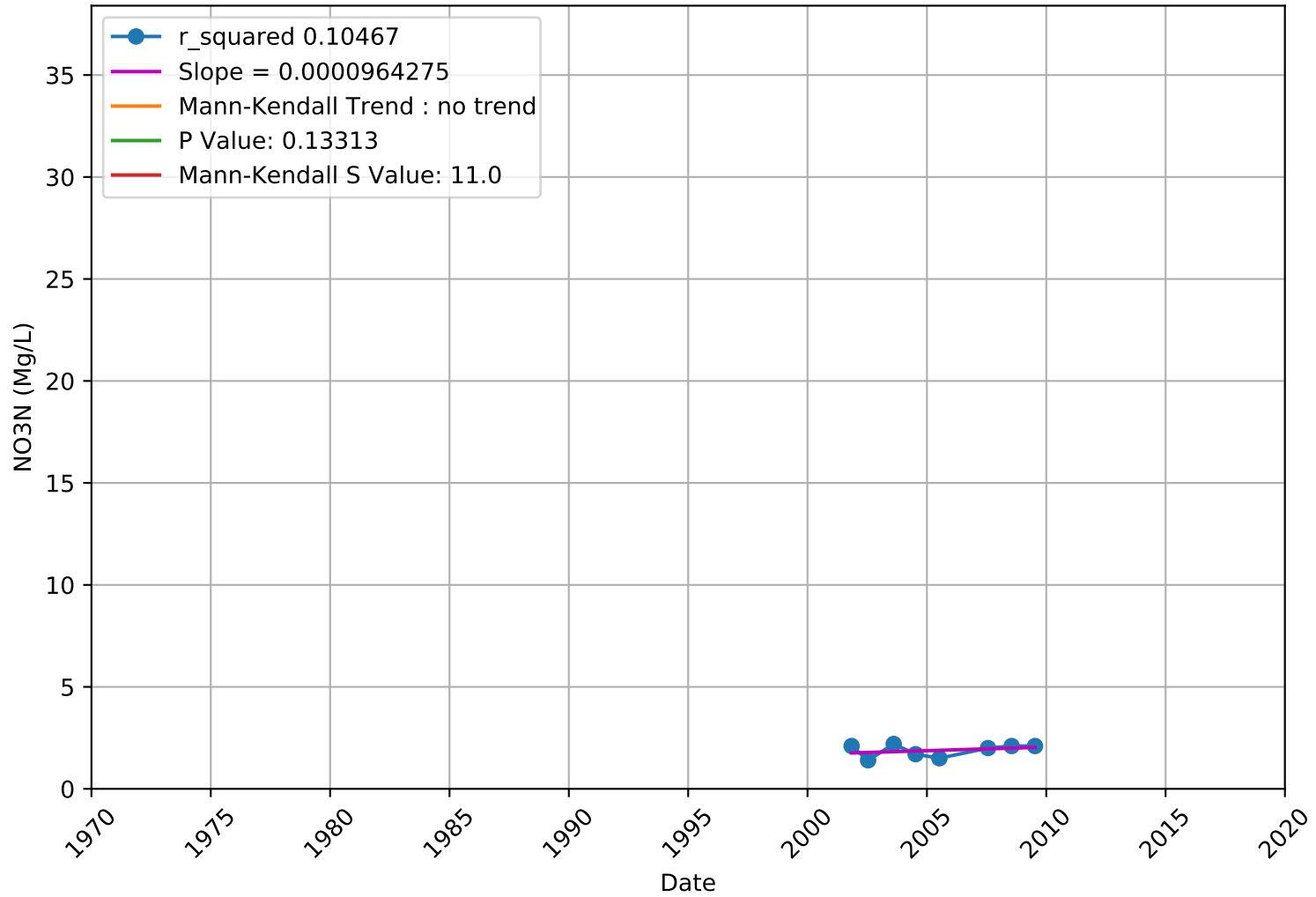
NO3N 3900810-001 - Unknown Aquifer



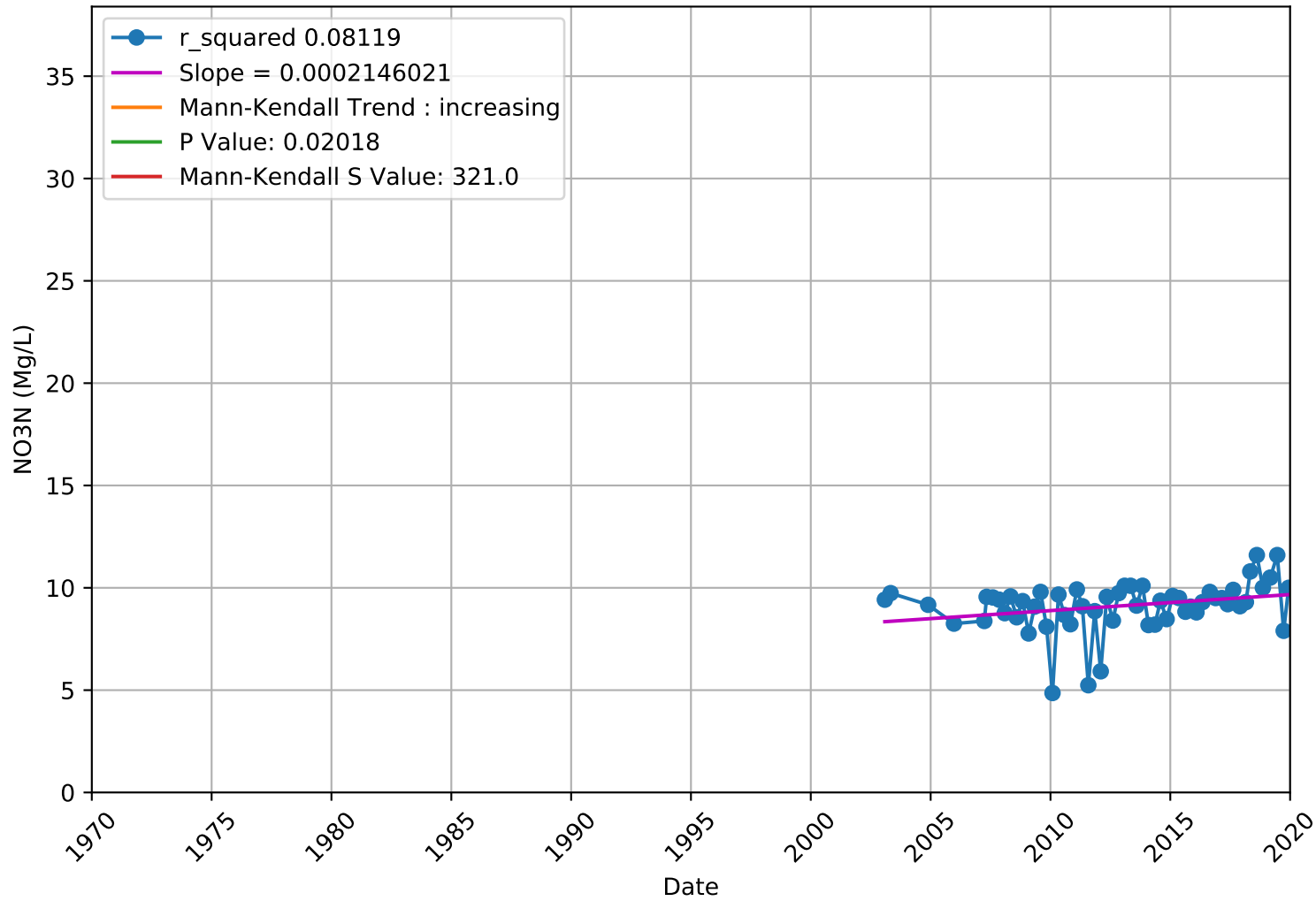
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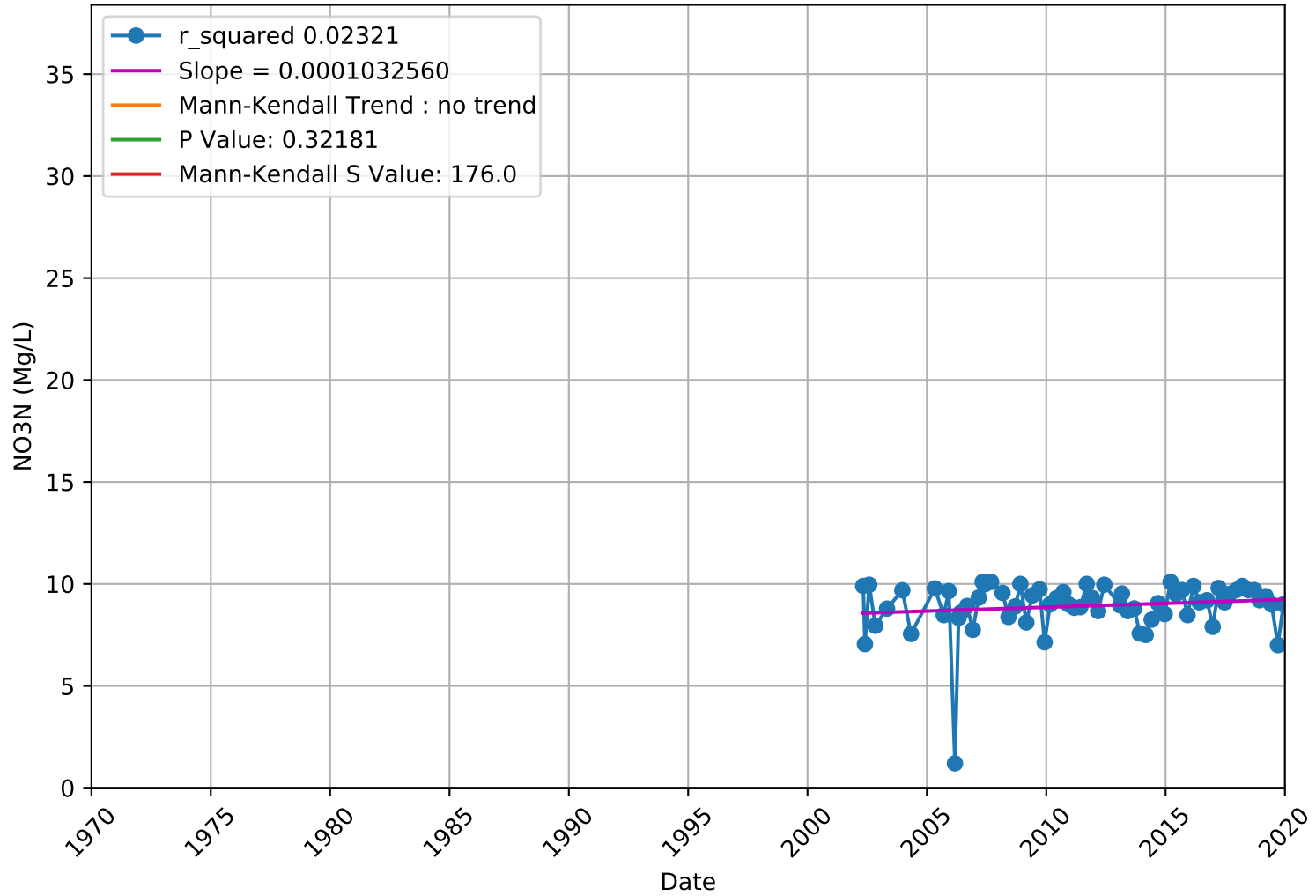
NO3N 3900818-001 - Unknown Aquifer



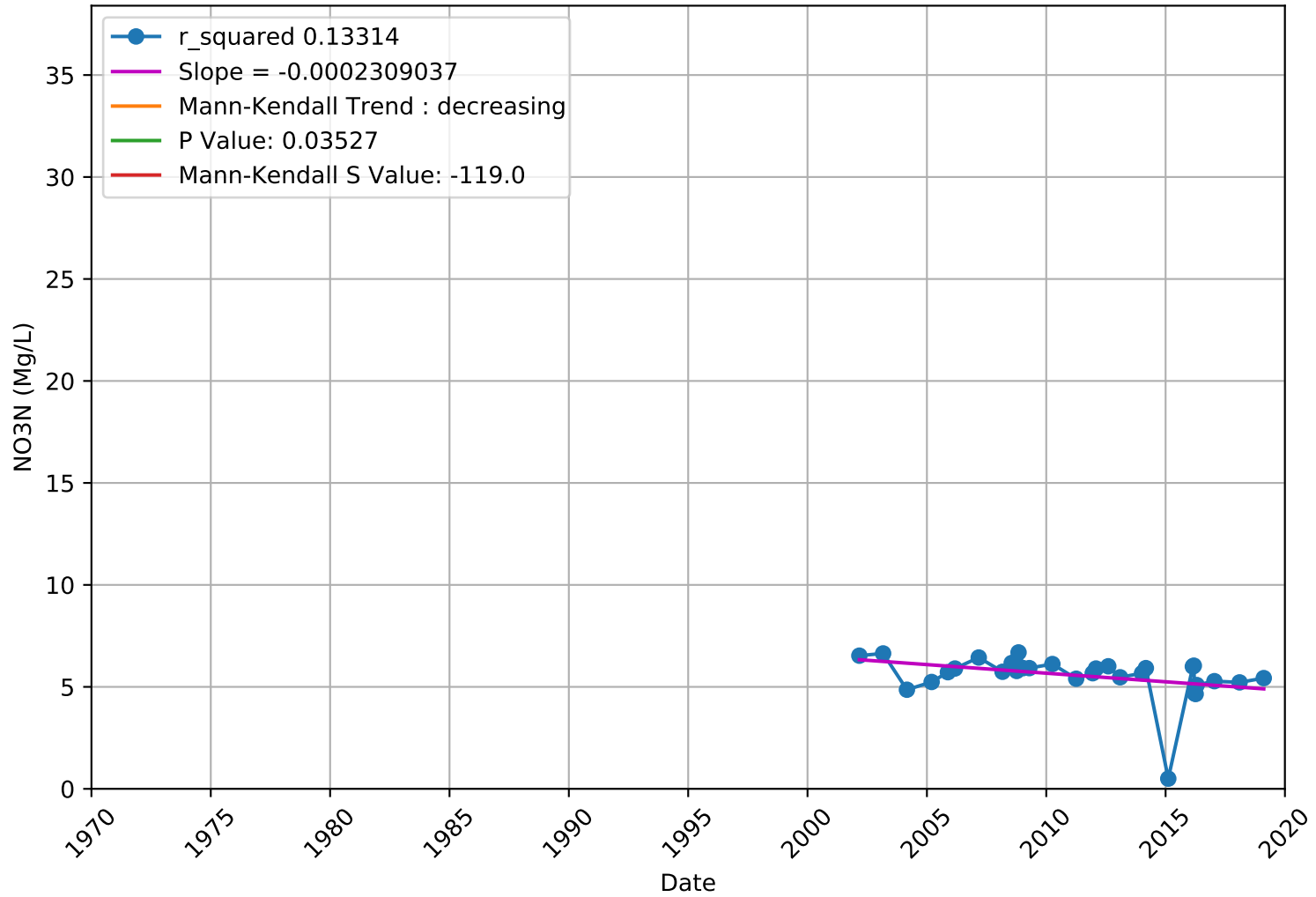
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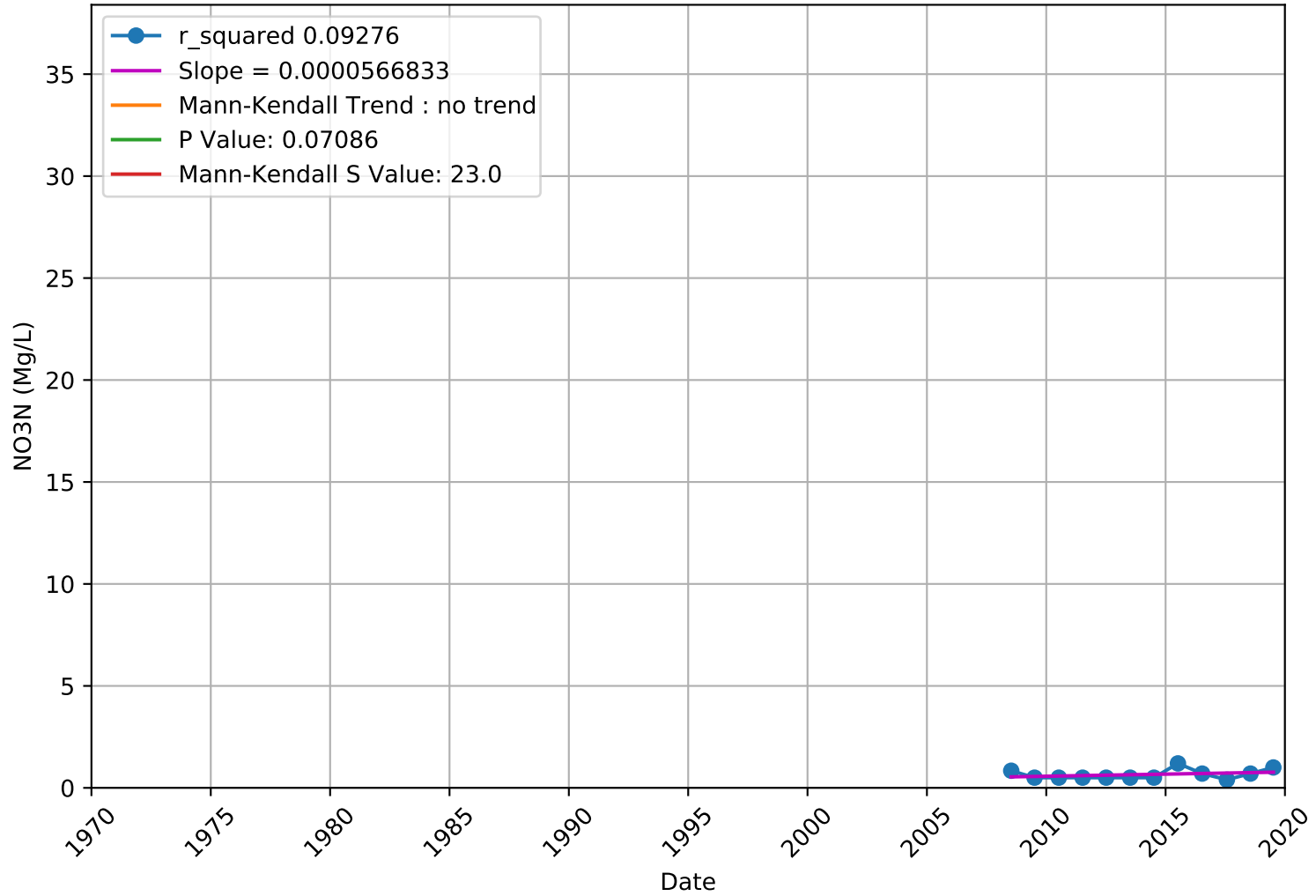
NO3N 3900991-001 - Unknown Aquifer



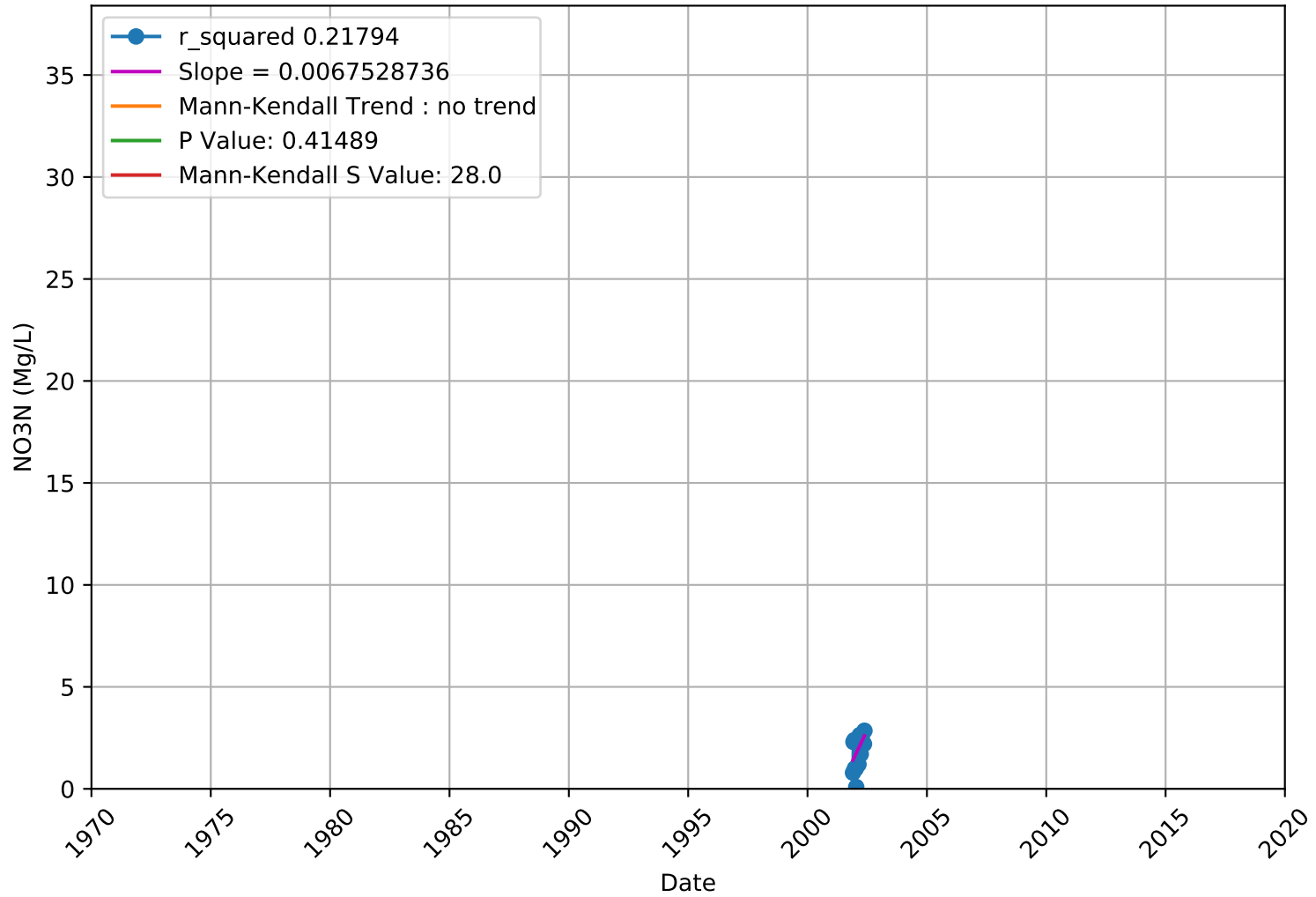
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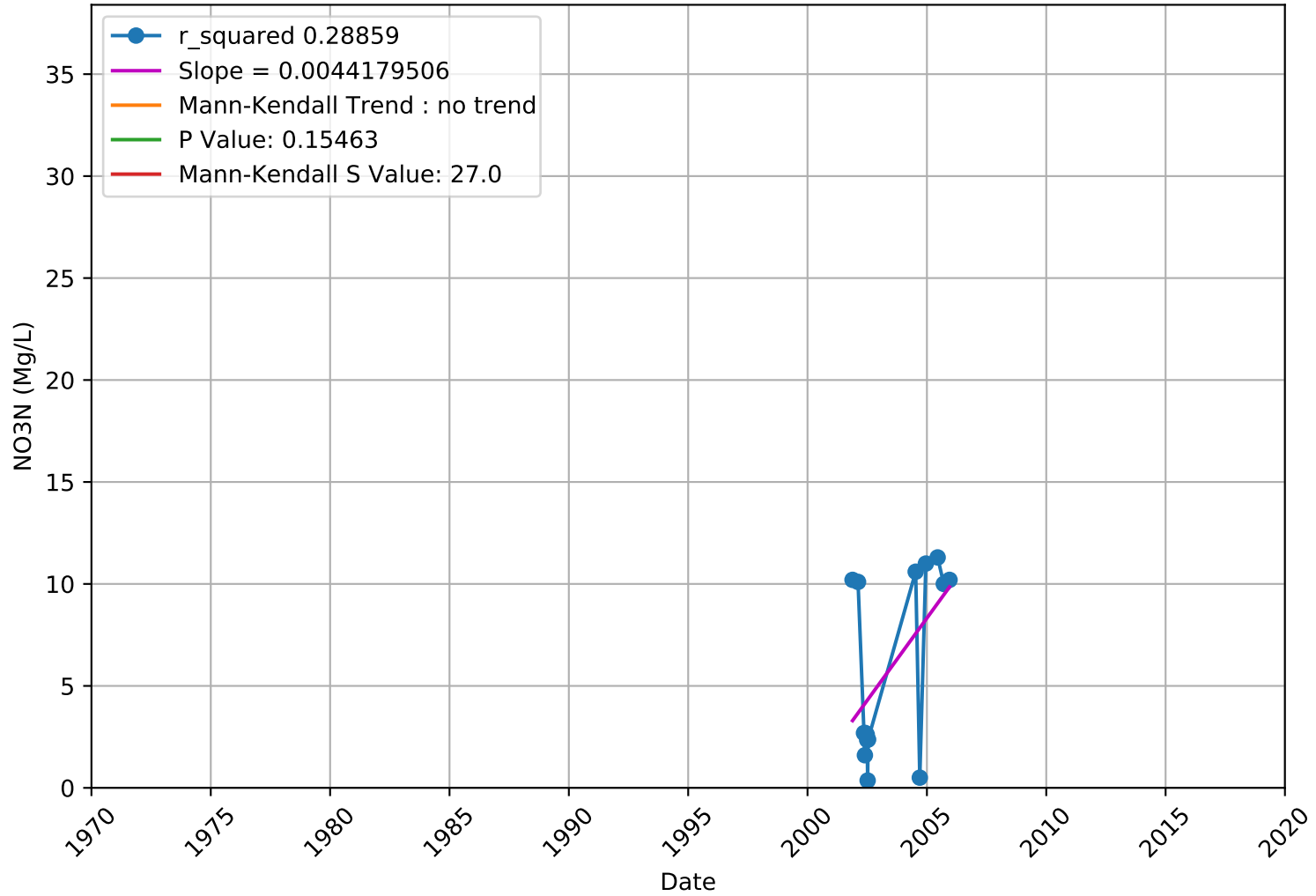
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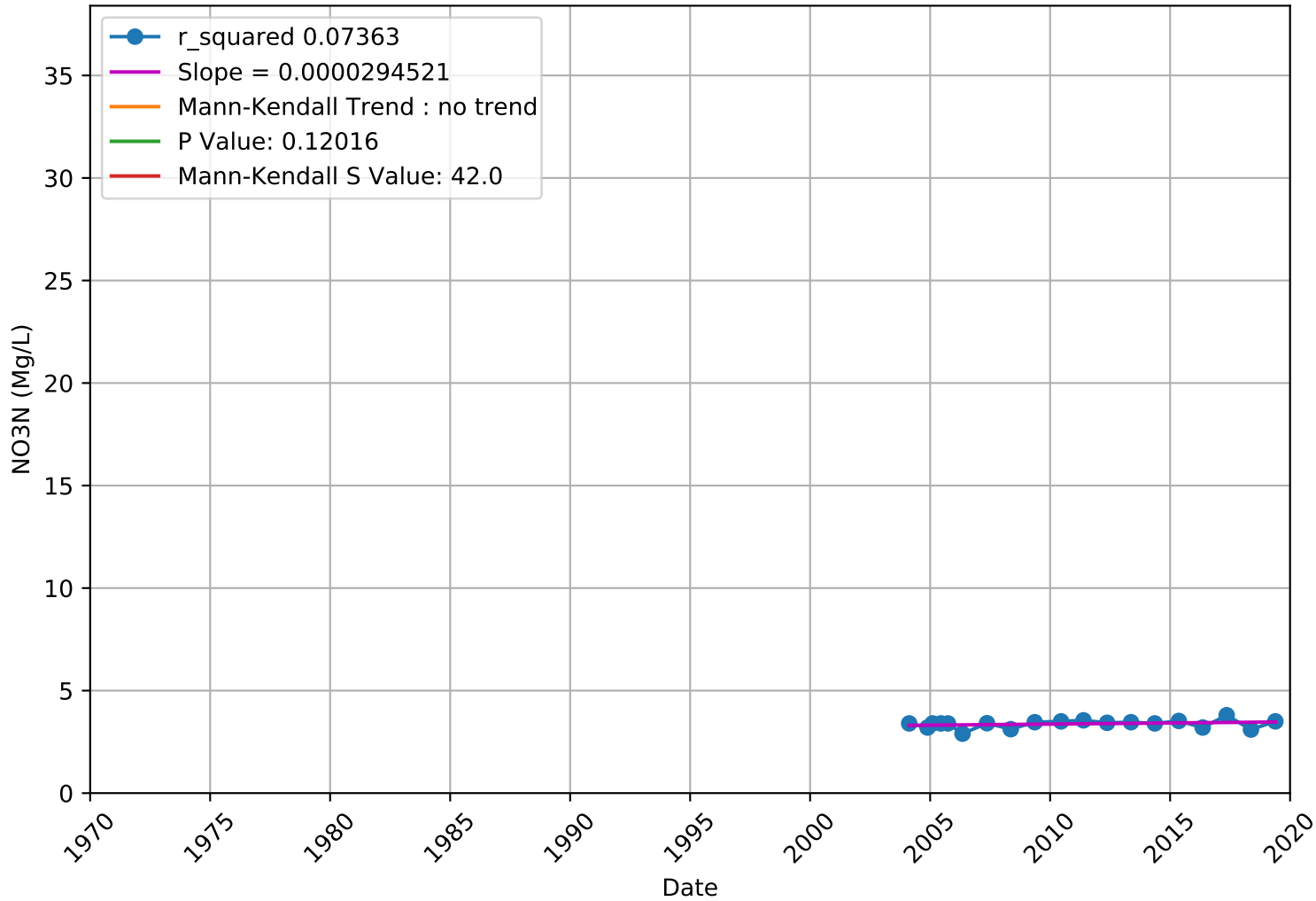
NO3N 3901001-001 - Unknown Aquifer



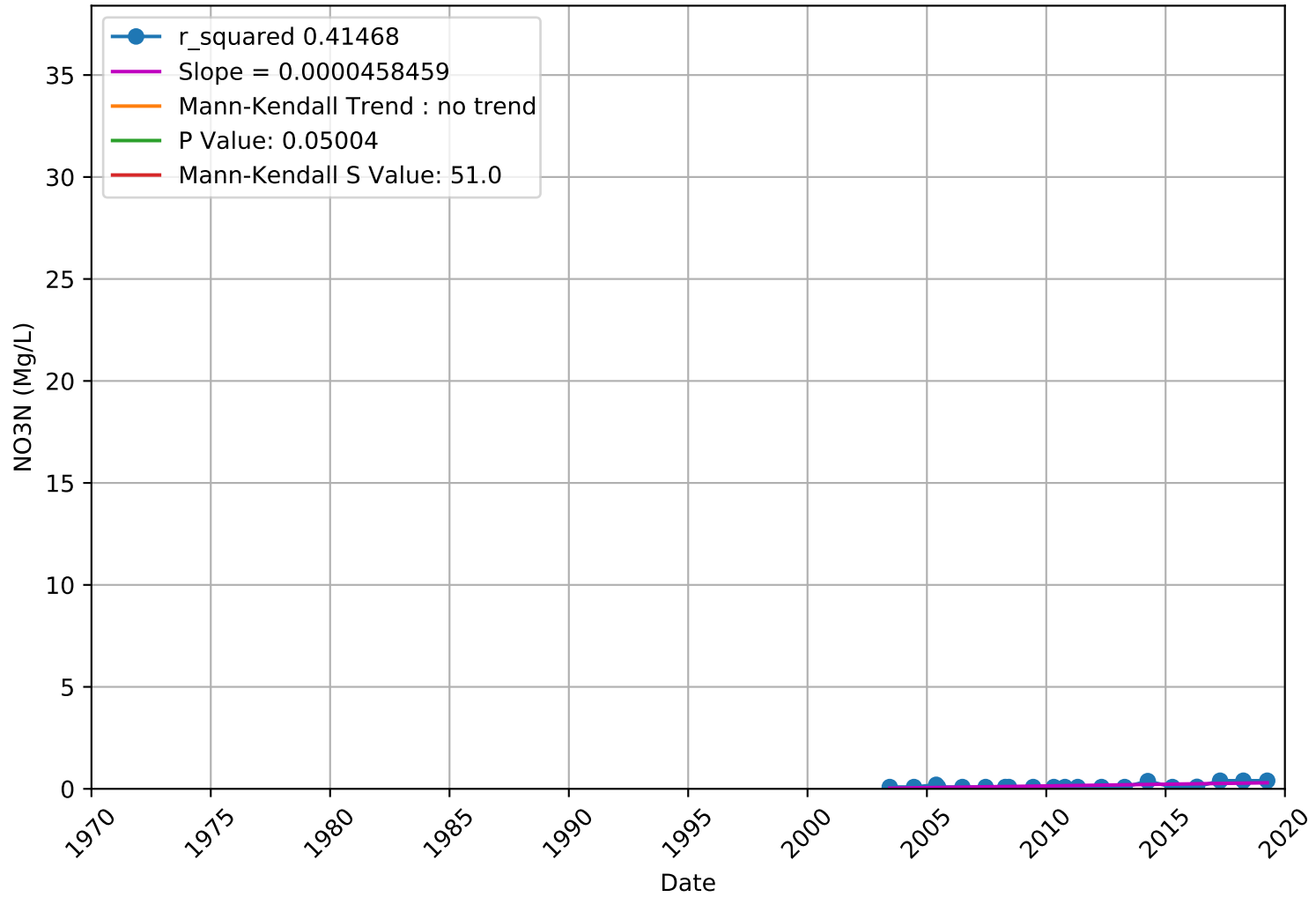
NO3N 3901001-002 - Unknown Aquifer



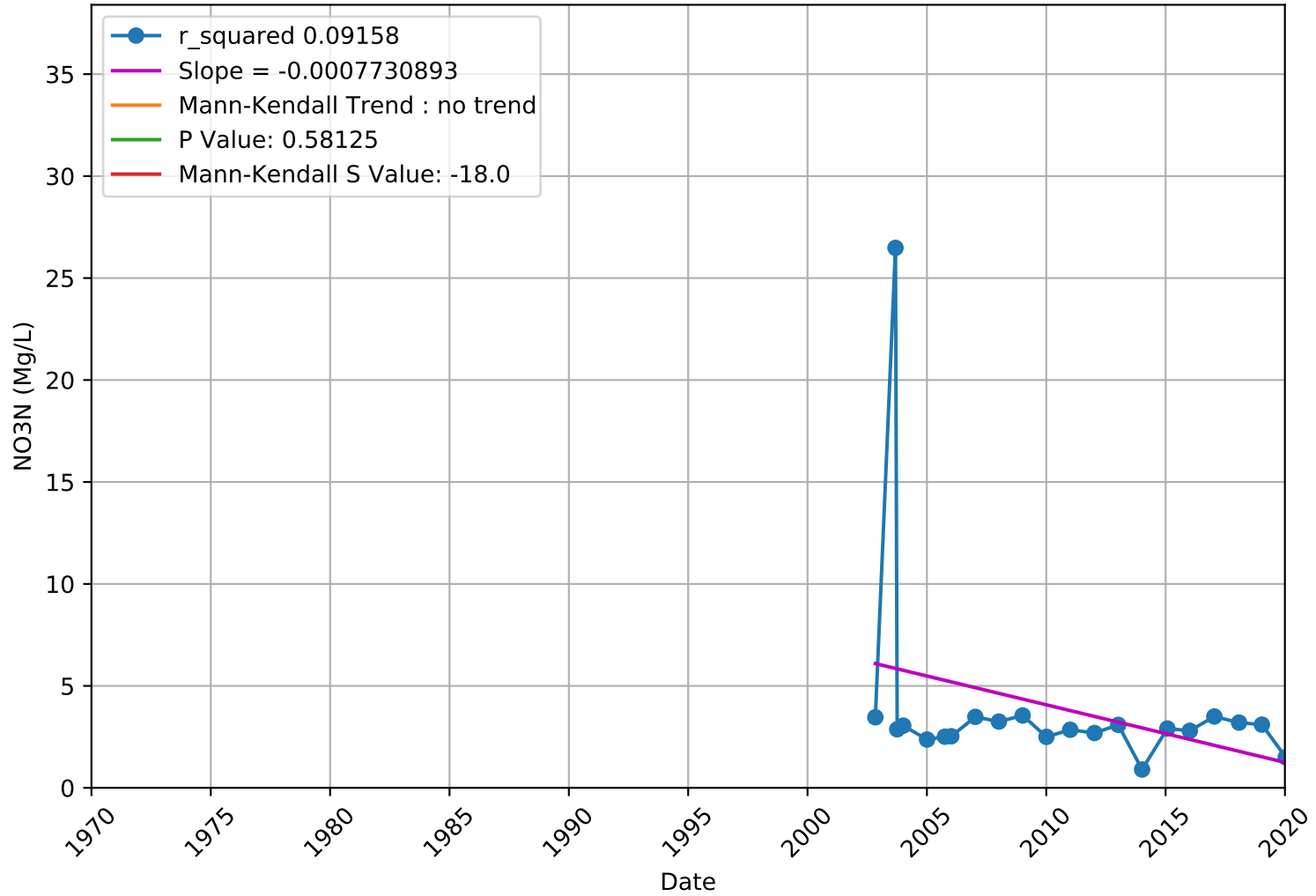
NO3N 3901006-001 - Unknown Aquifer



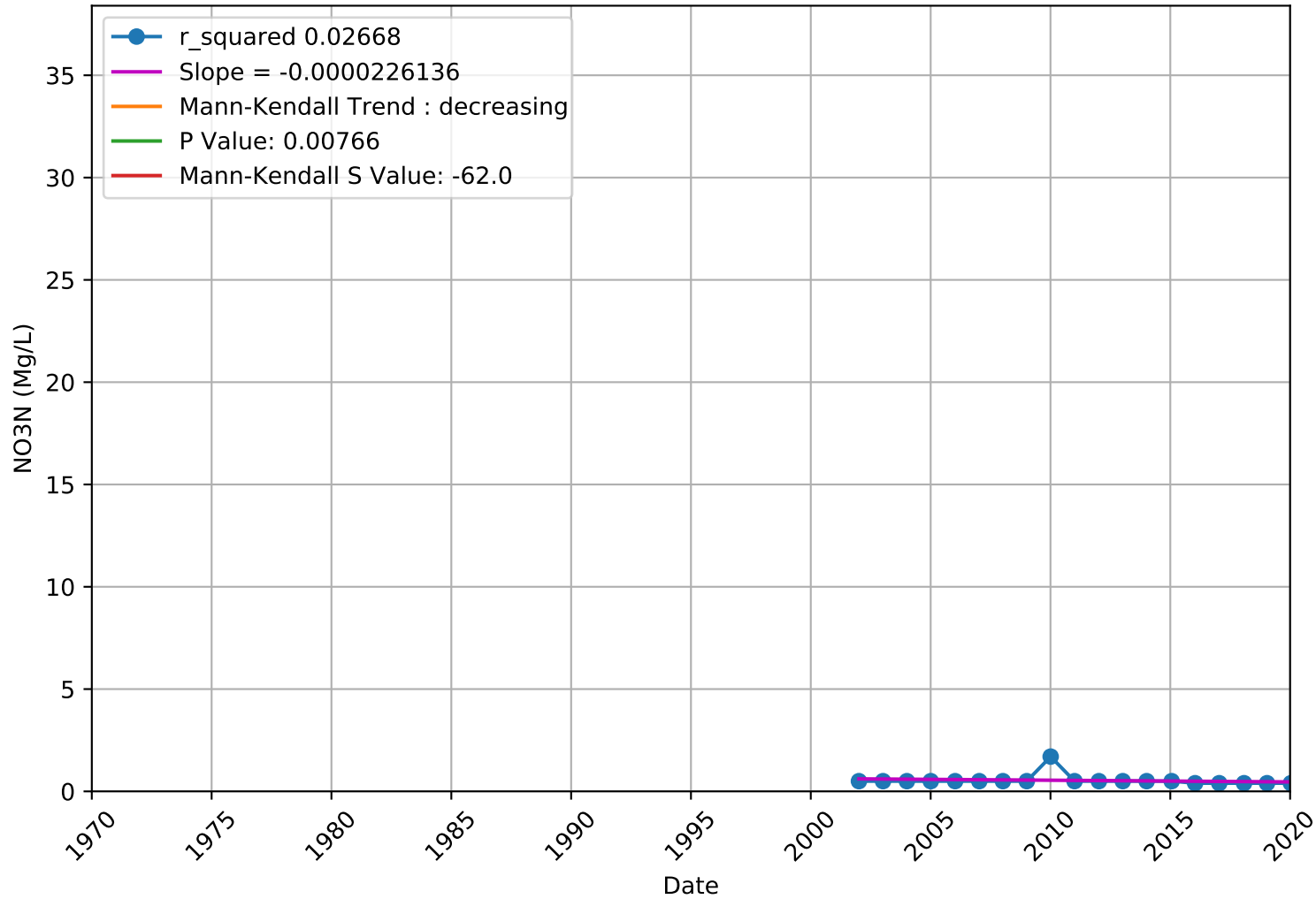
NO3N 3901010-001 - Unknown Aquifer



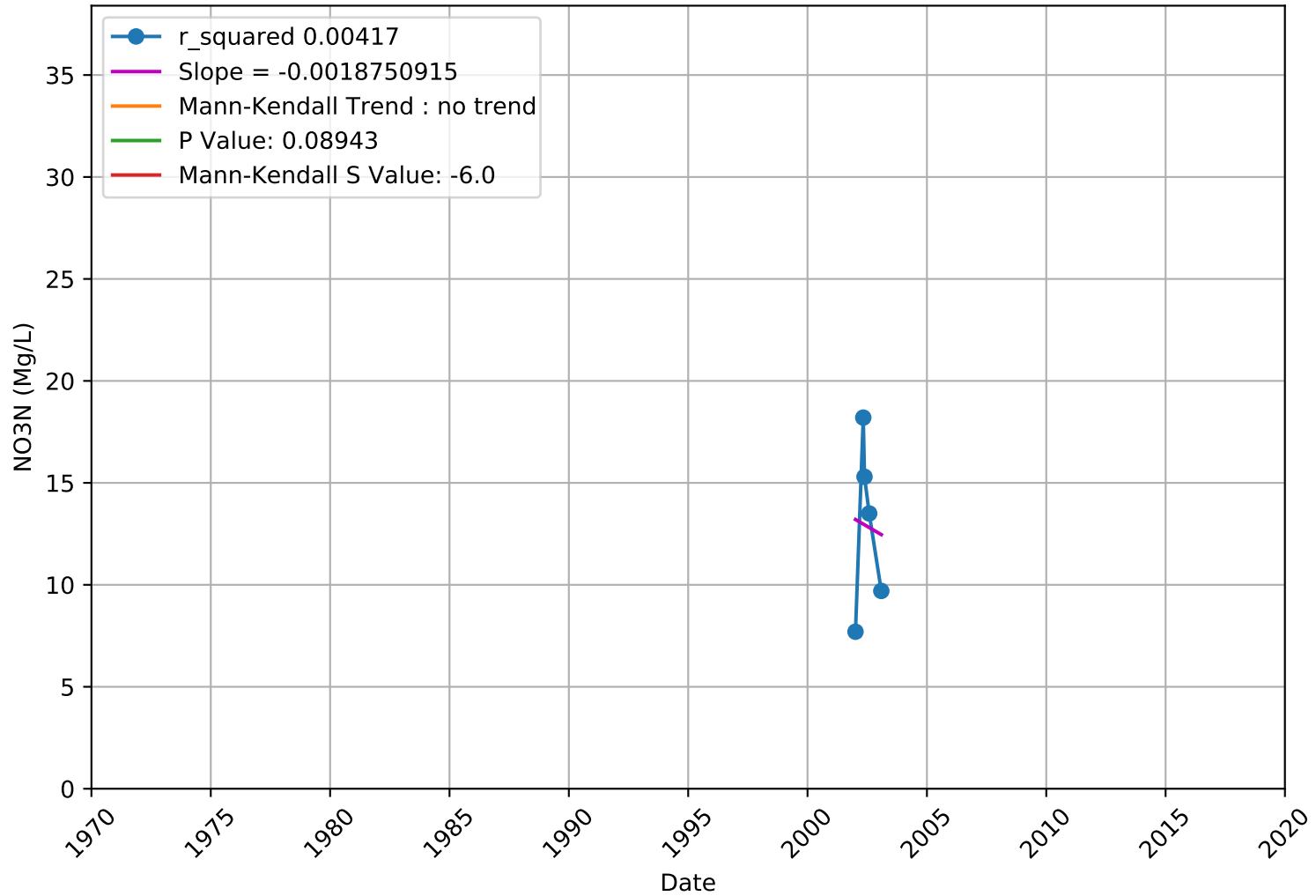
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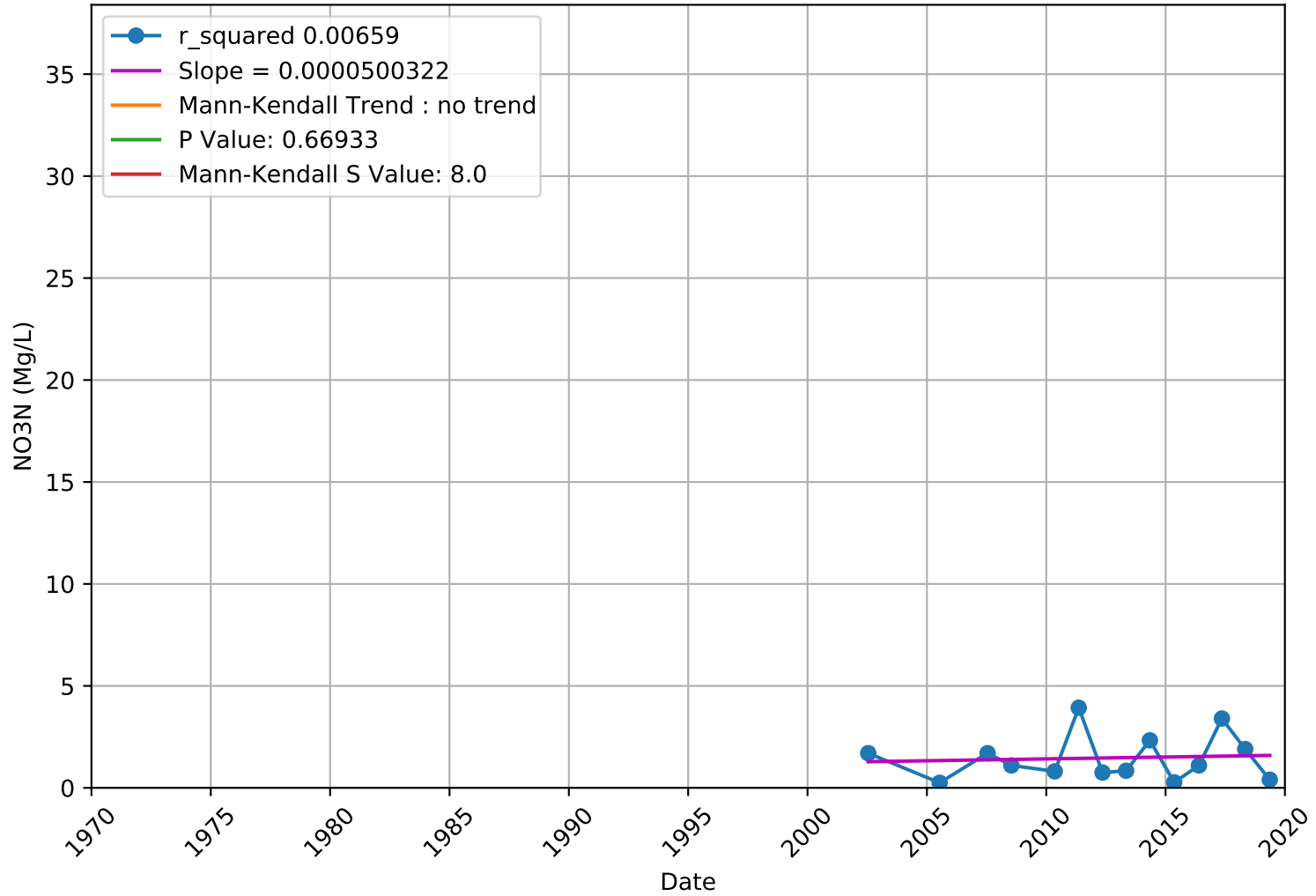
NO3N 3901015-001 - Unknown Aquifer



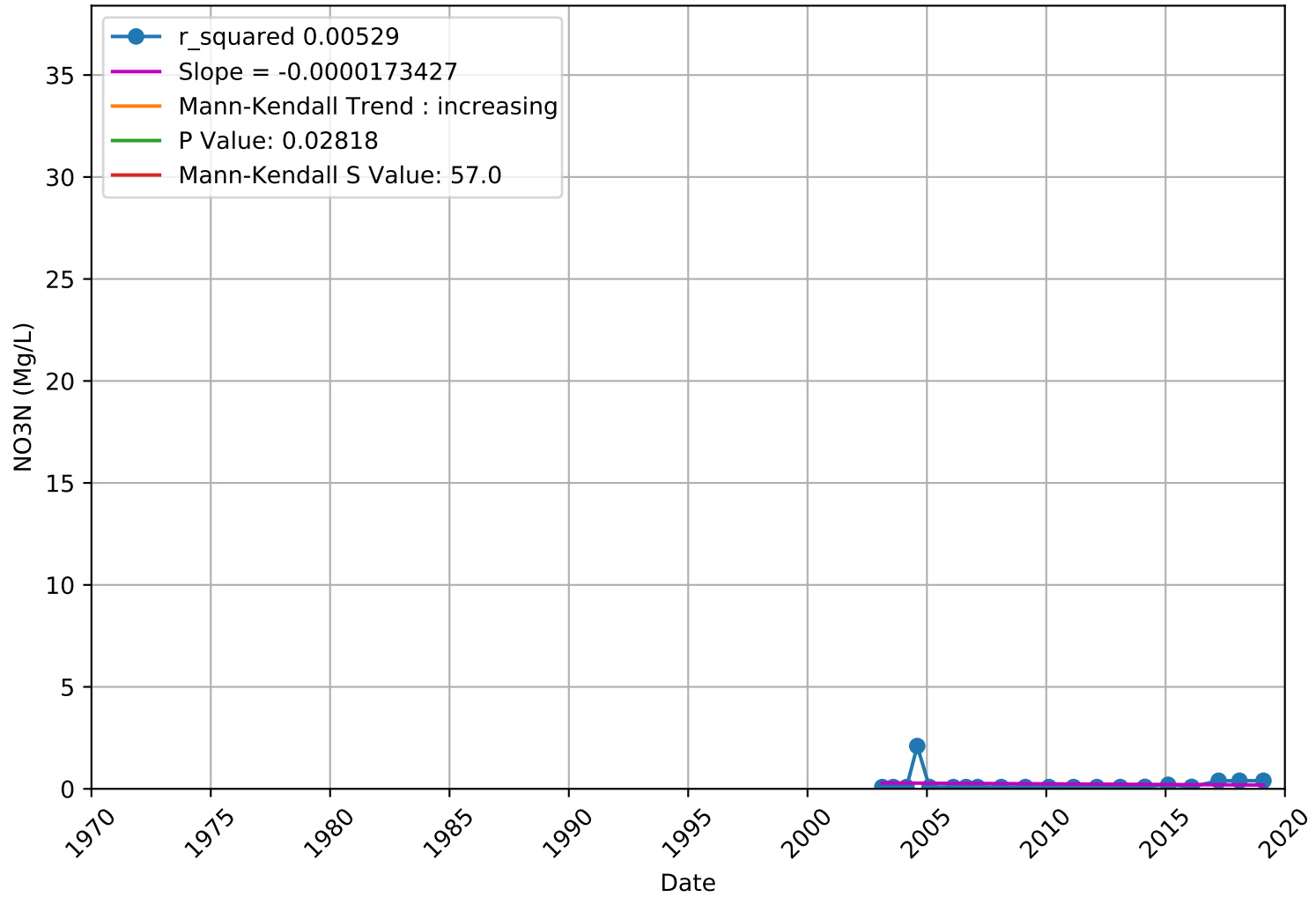
NO3N 3901017-001 - Unknown Aquifer



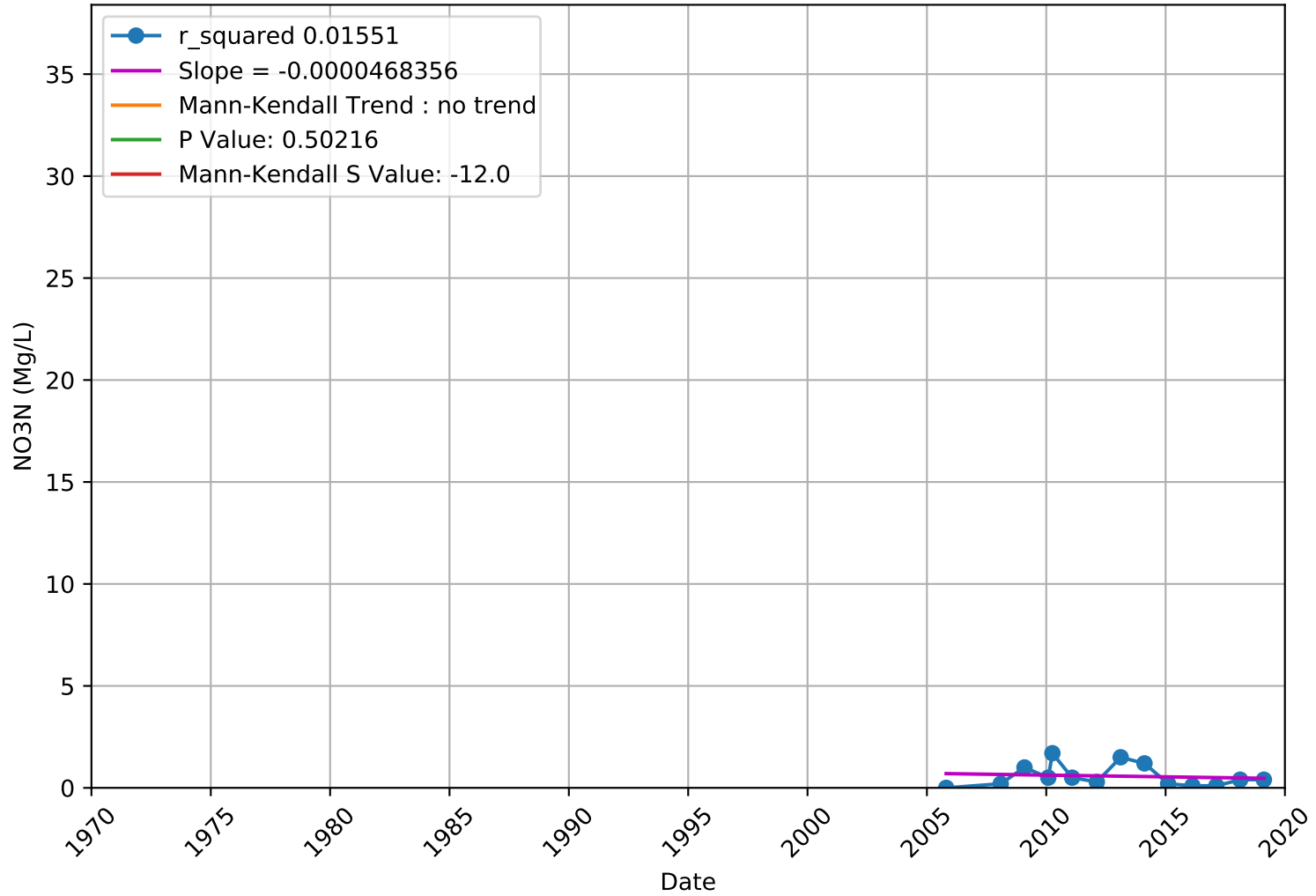
NO3N 3901035-001 - Unknown Aquifer



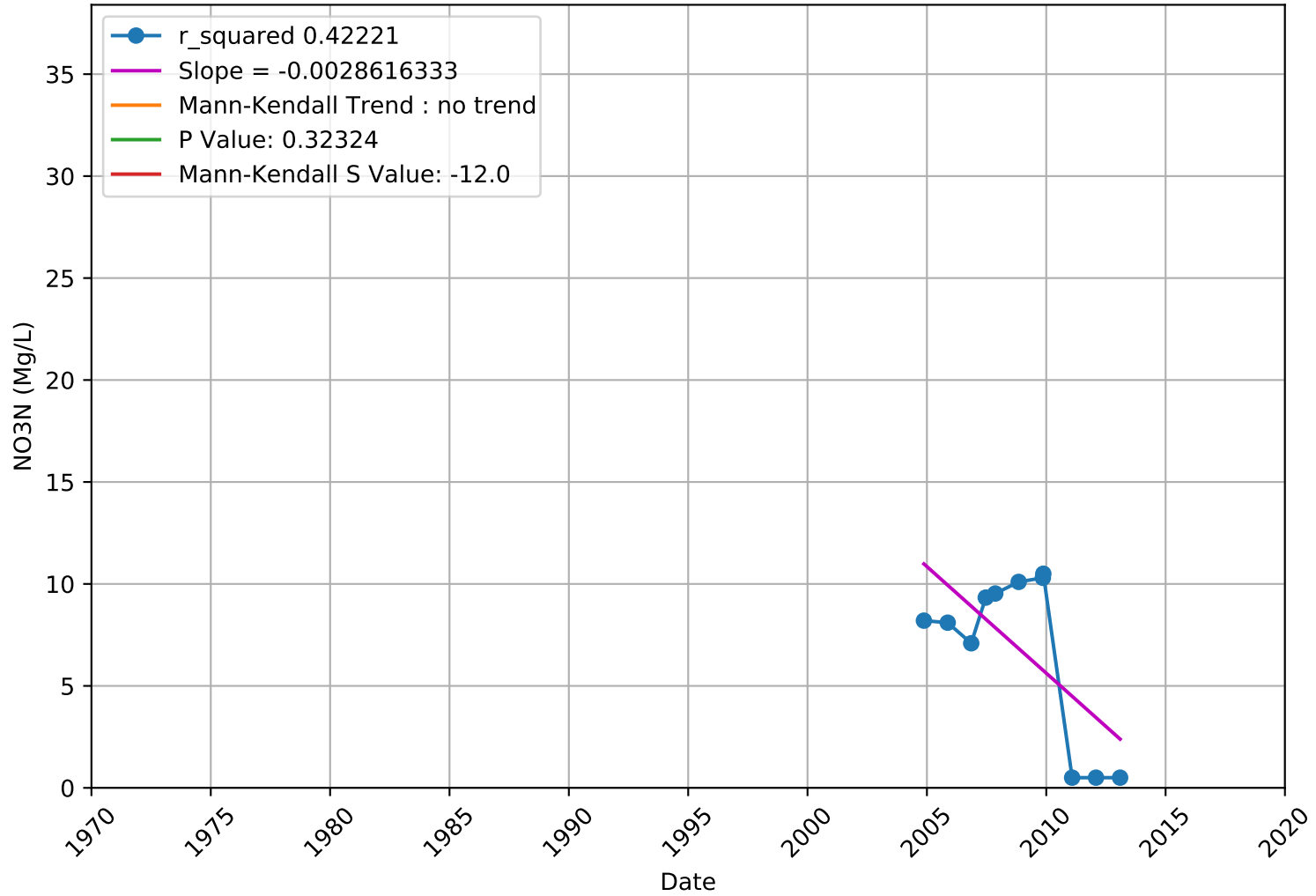
NO3N 3901106-008 - Unknown Aquifer



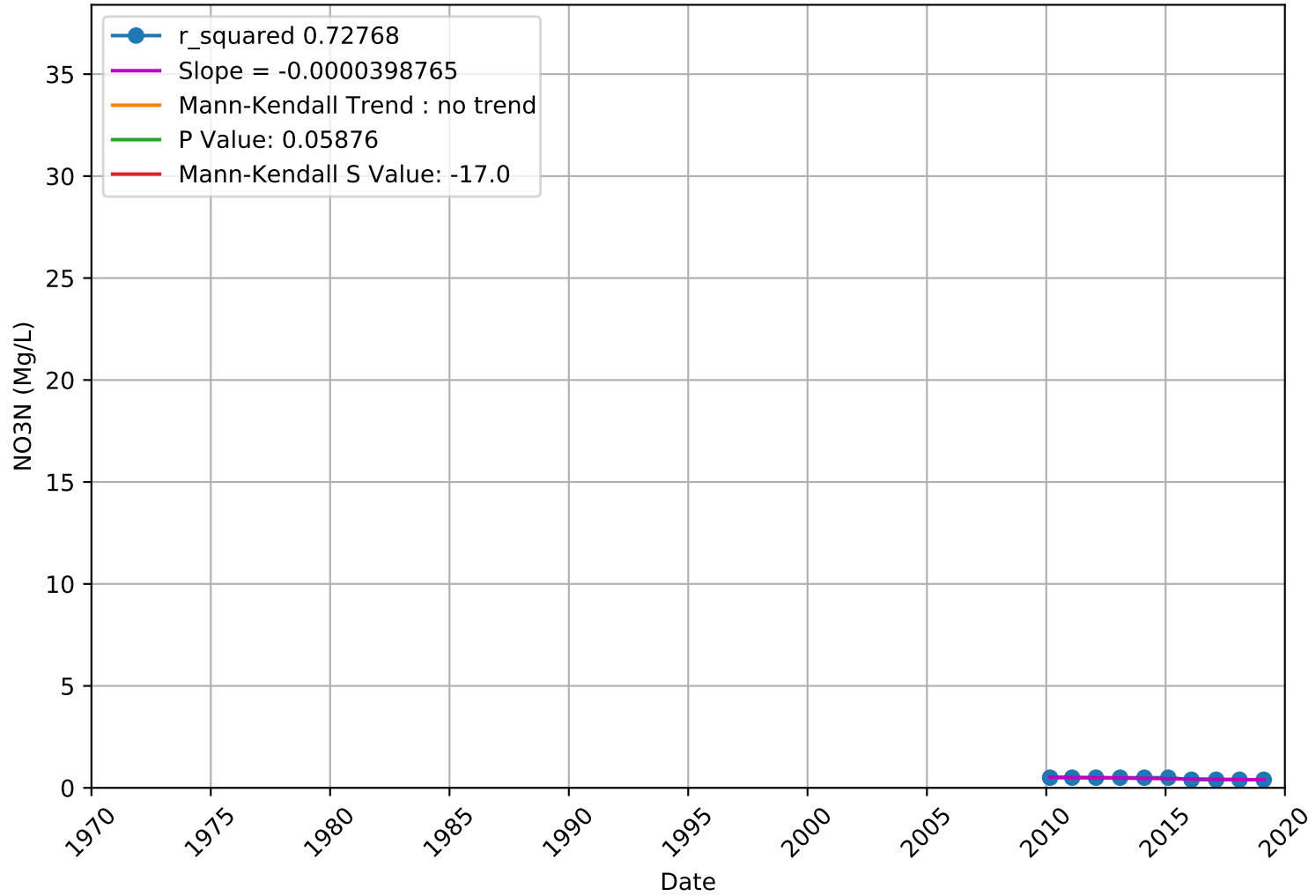
NO3N 3901107-013 - Unknown Aquifer



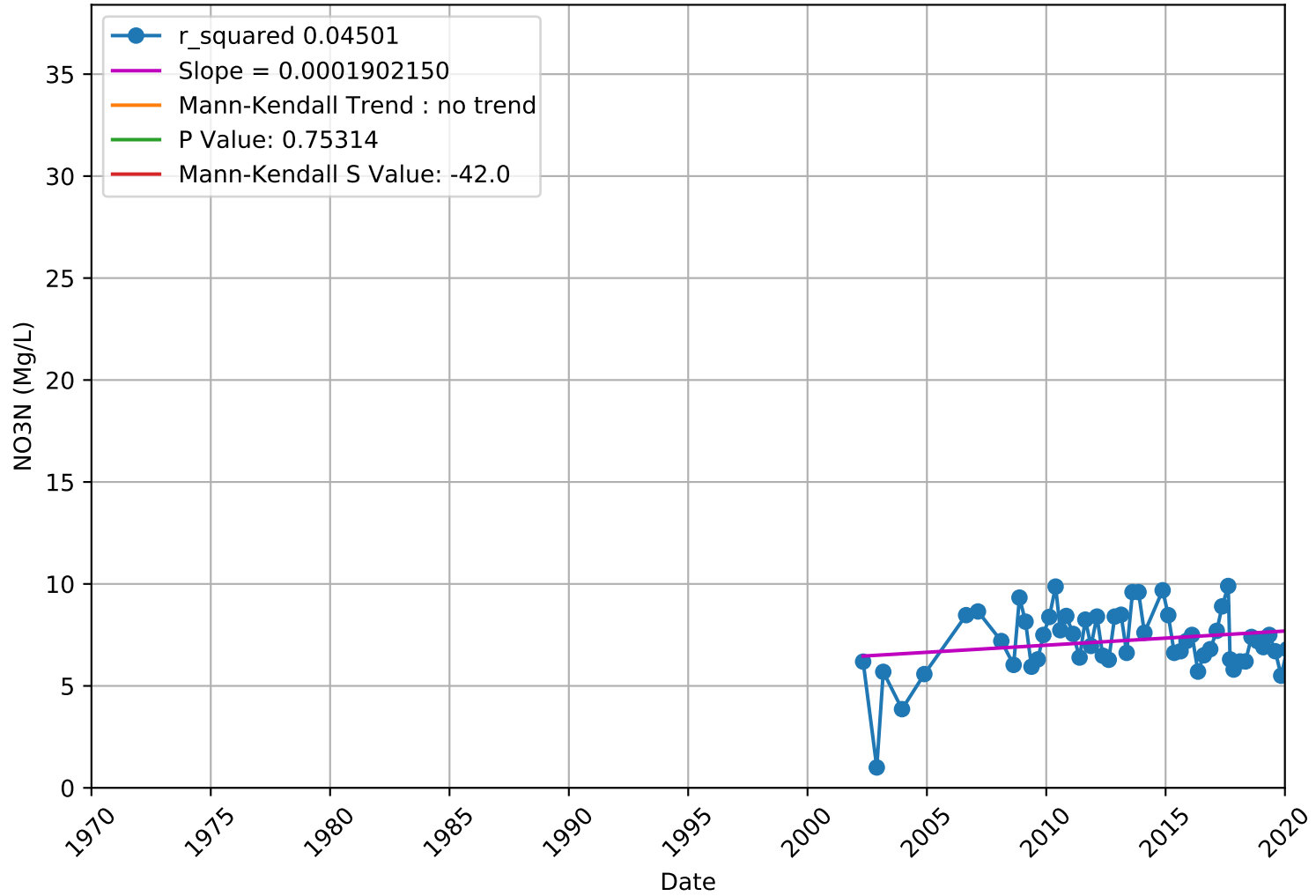
NO3N 3901116-001 - Unknown Aquifer



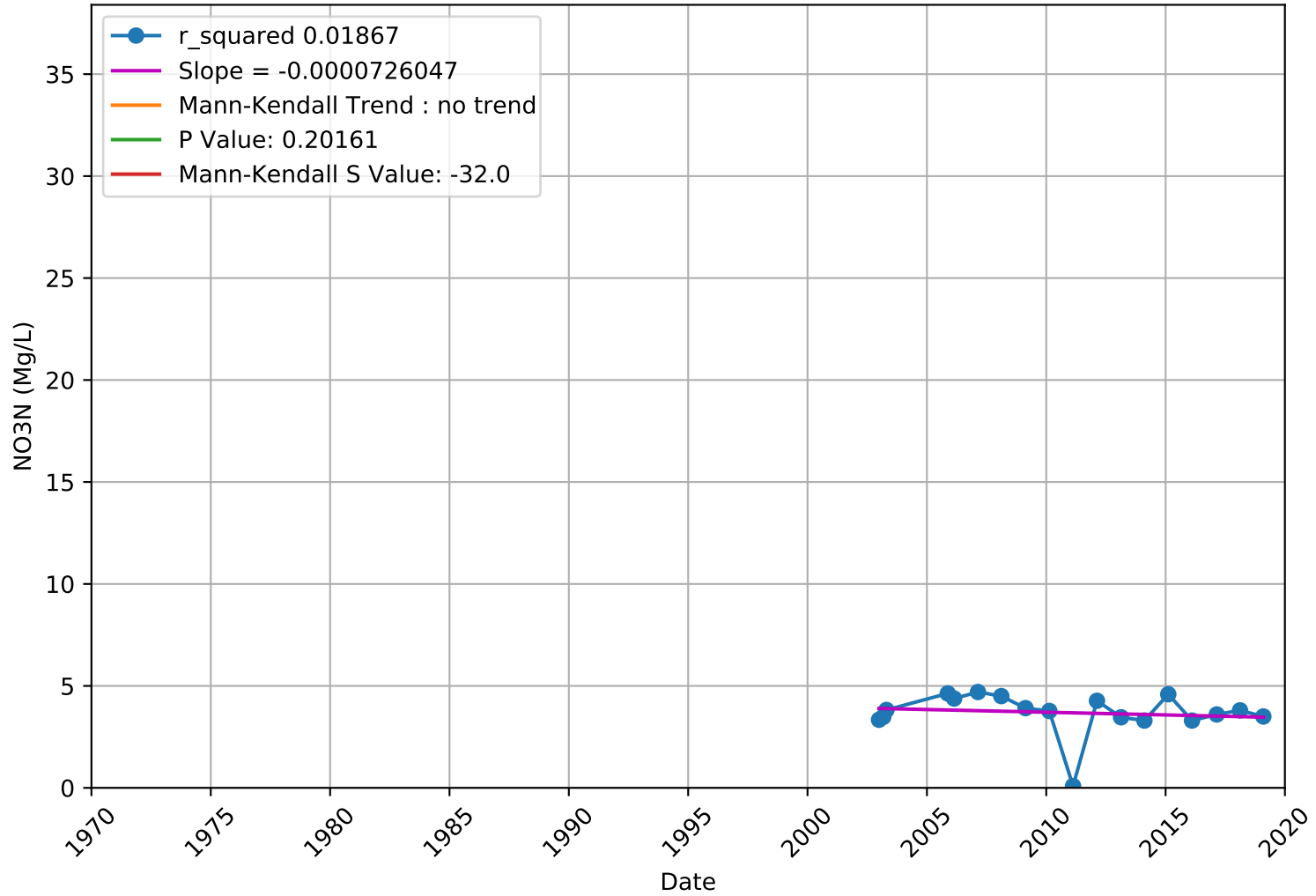
NO3N 3901116-007 - Unknown Aquifer



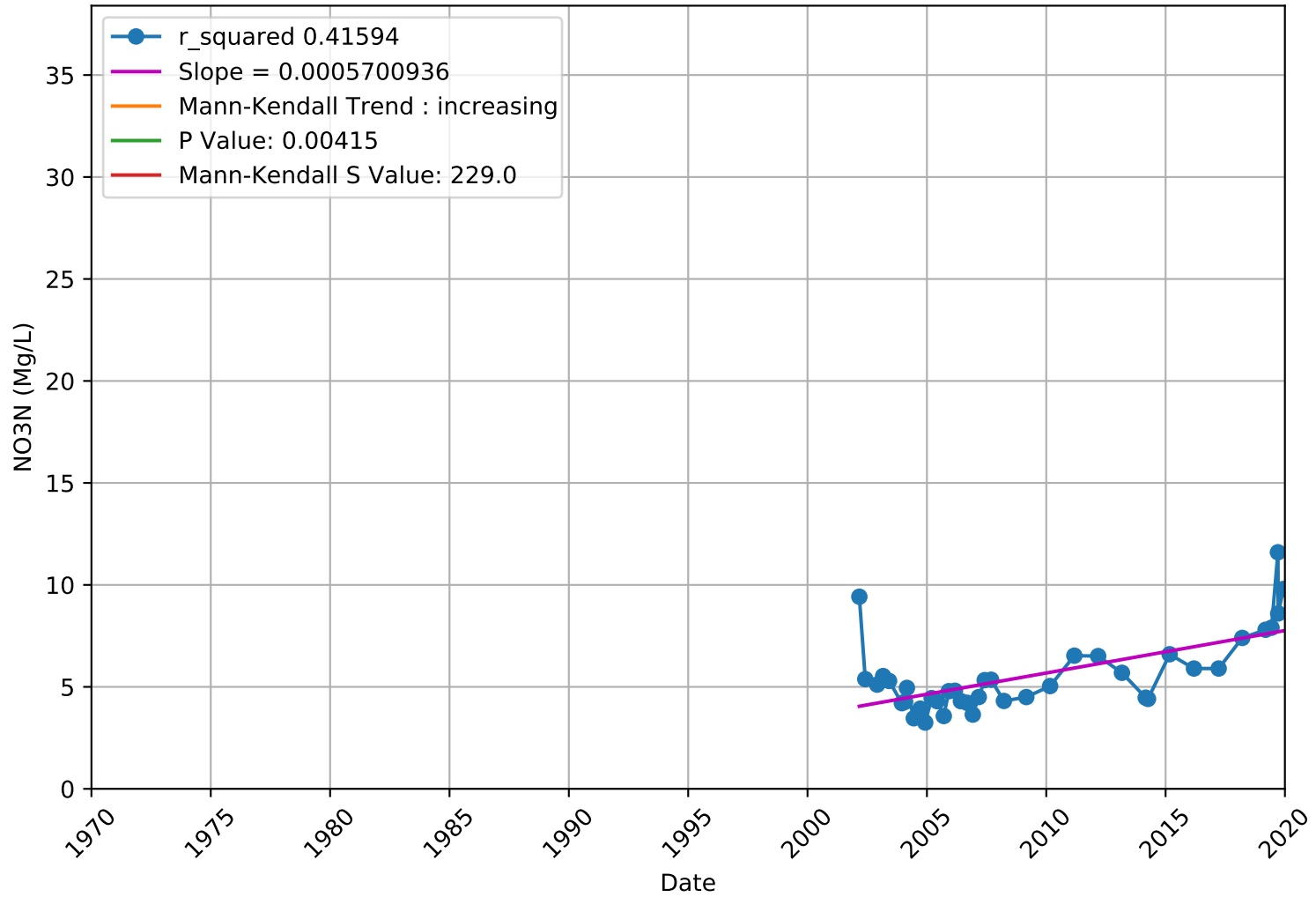
NO3N 3901172-002 - Unknown Aquifer



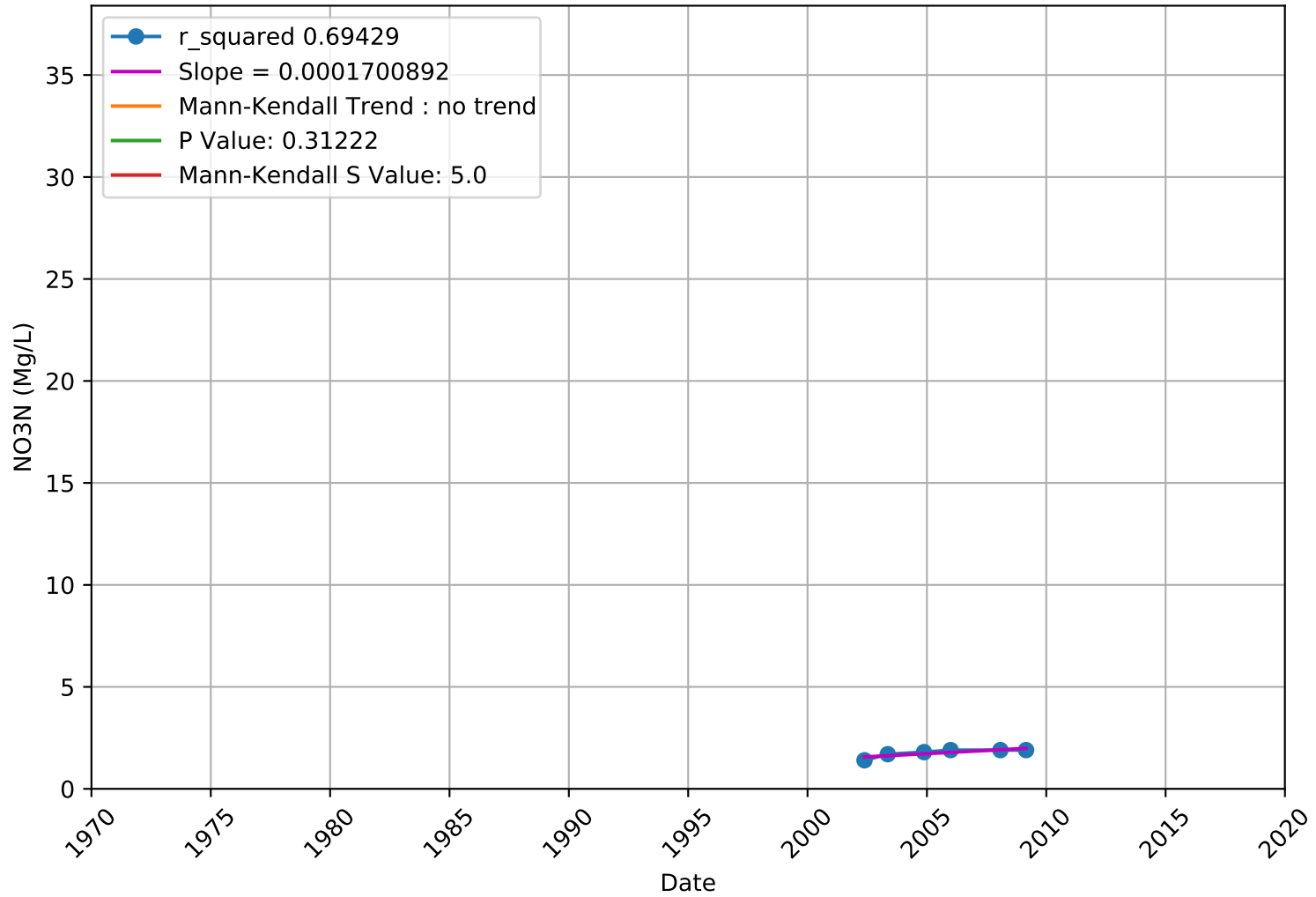
NO3N 3901172-003 - Unknown Aquifer



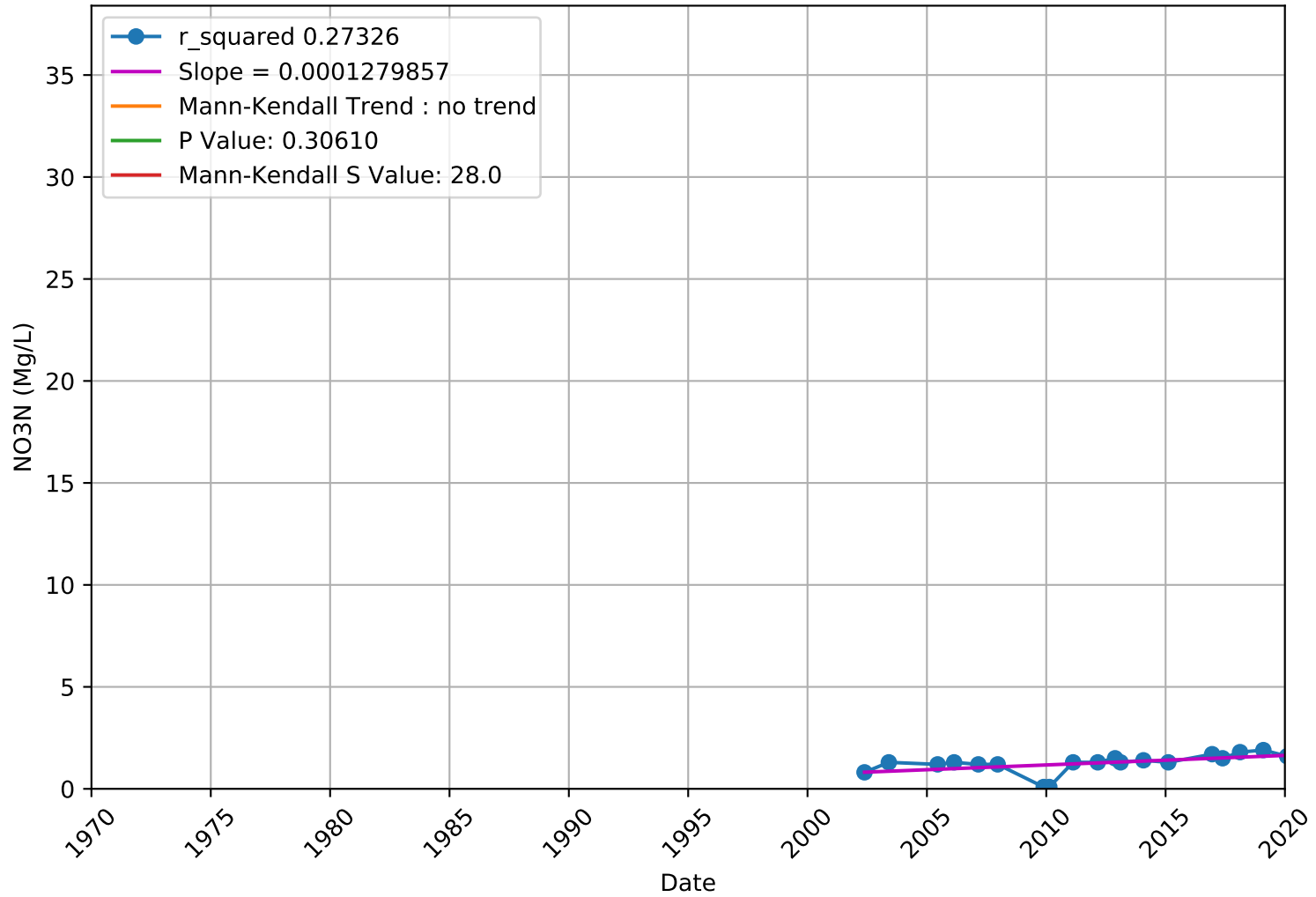
NO3N 3901181-001 - Unknown Aquifer



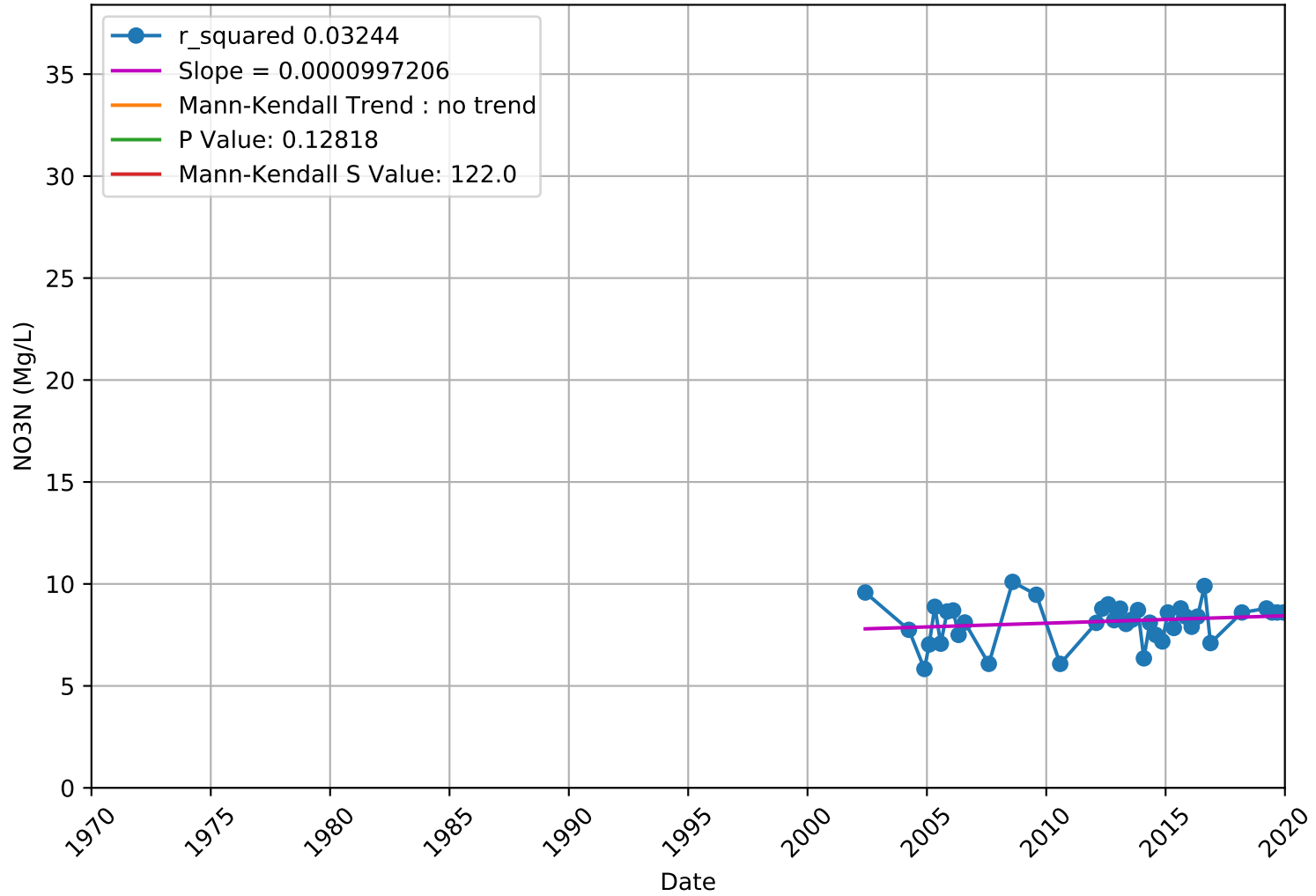
NO3N 3901204-001 - Unknown Aquifer



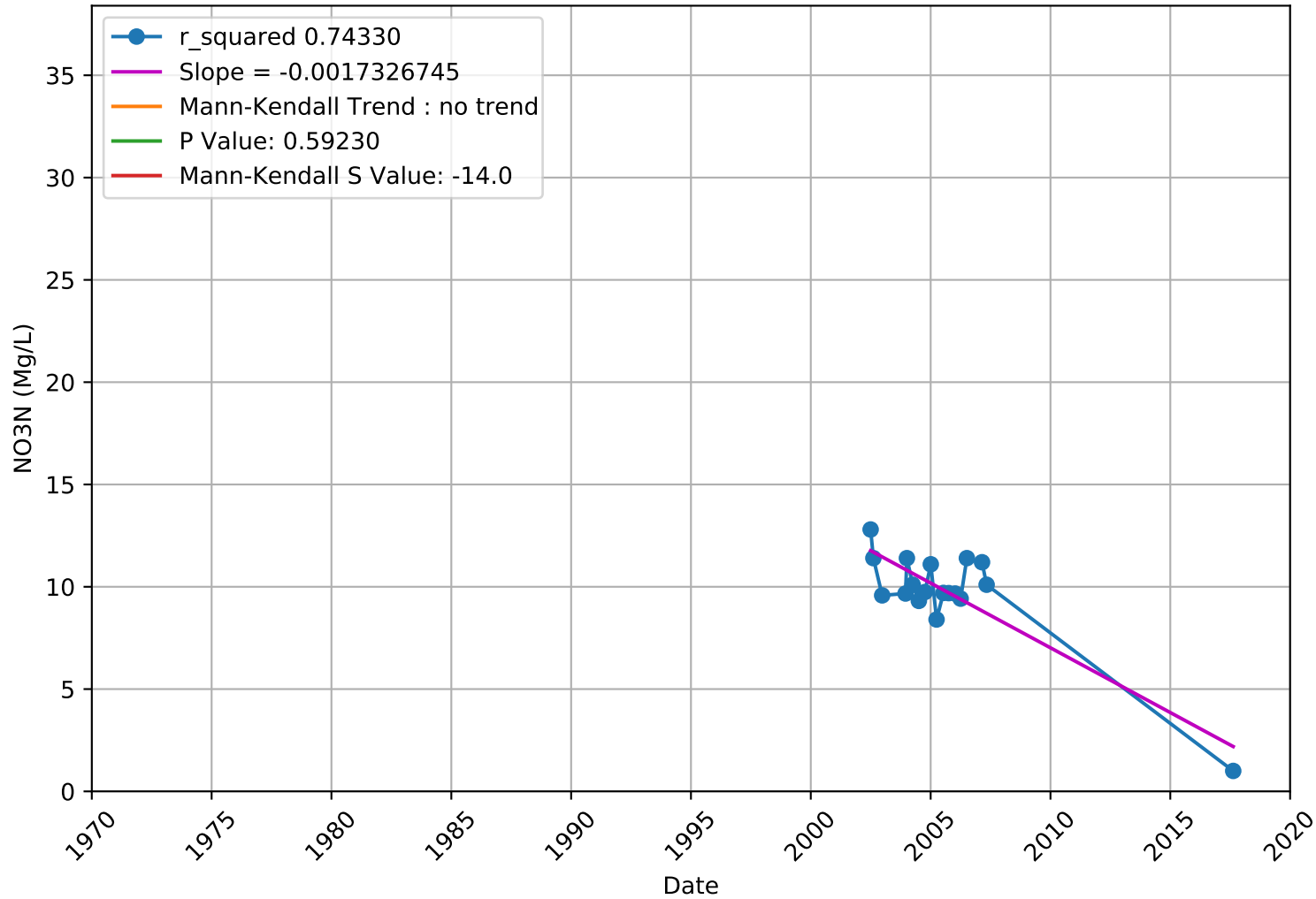
NO3N 3901216-002 - Unknown Aquifer



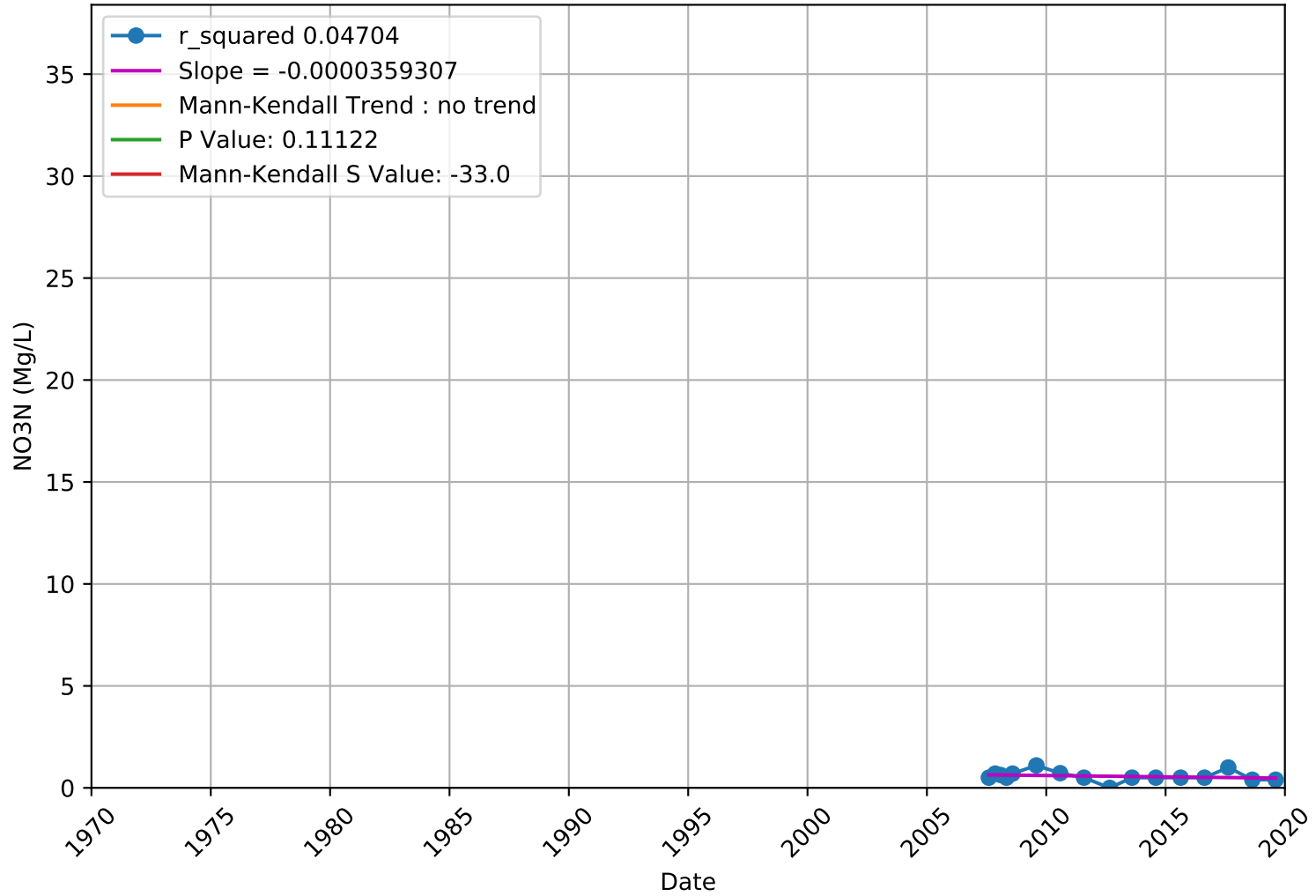
NO3N 3901283-001 - Unknown Aquifer



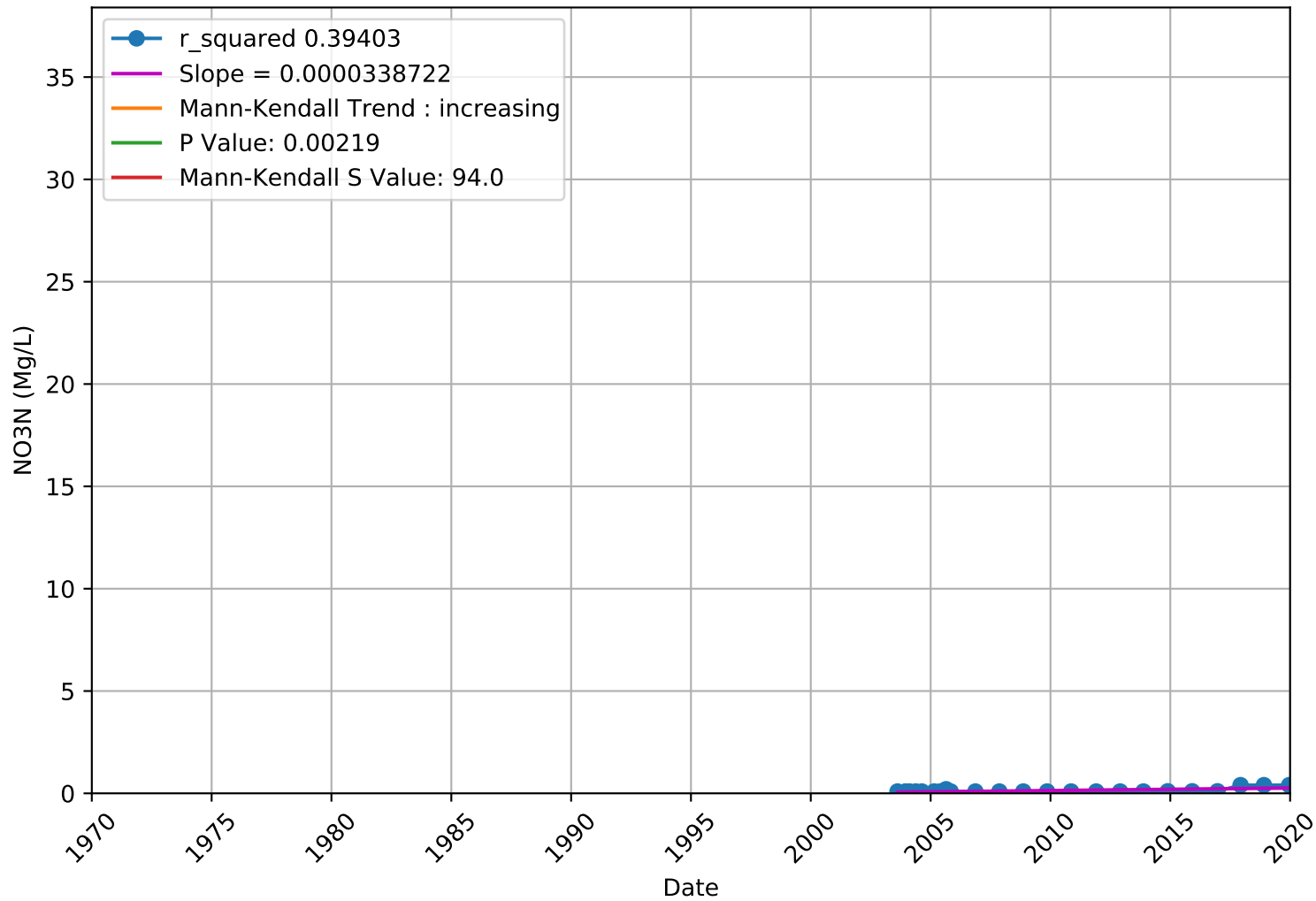
NO3N 3901299-001 - Unknown Aquifer



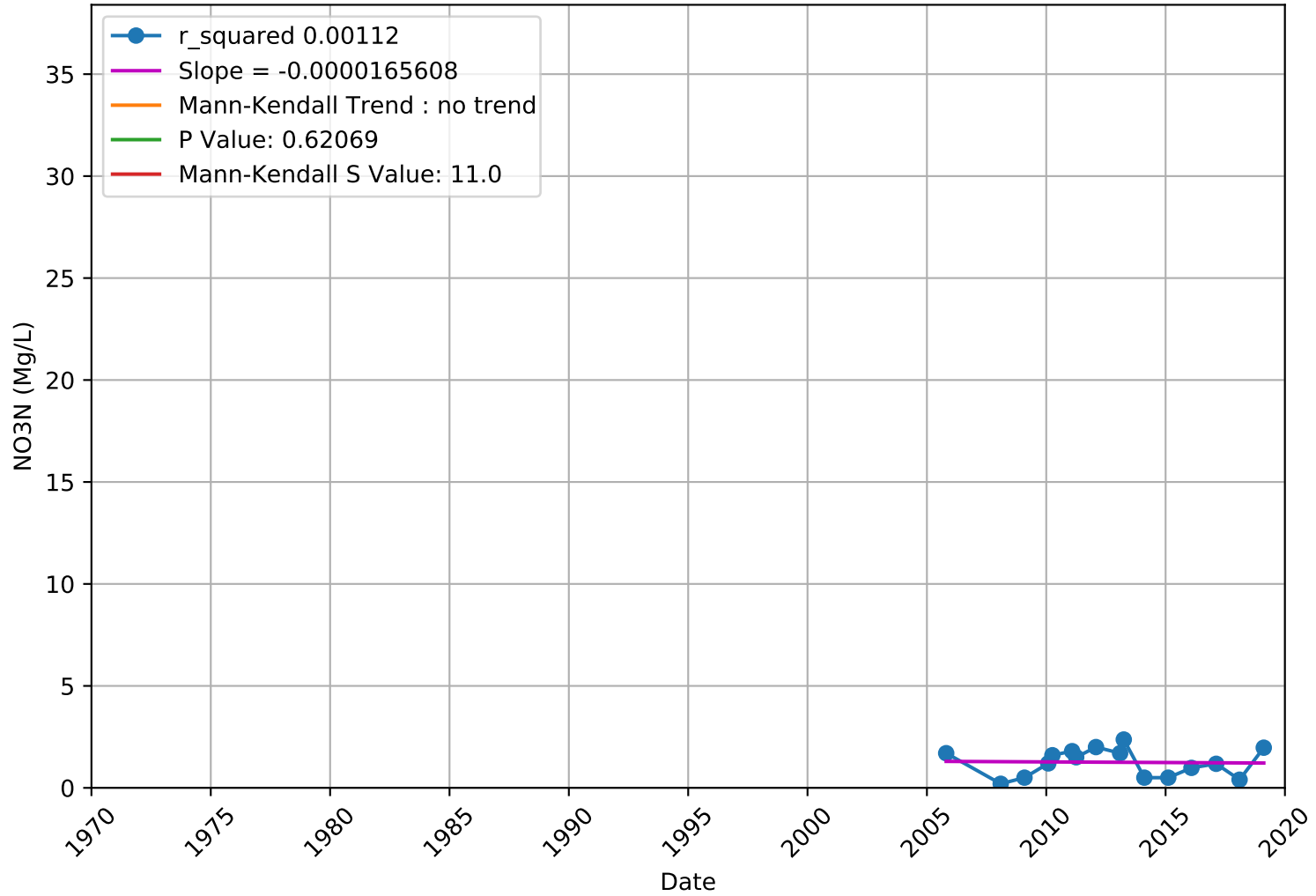
NO3N 3901299-007 - Unknown Aquifer



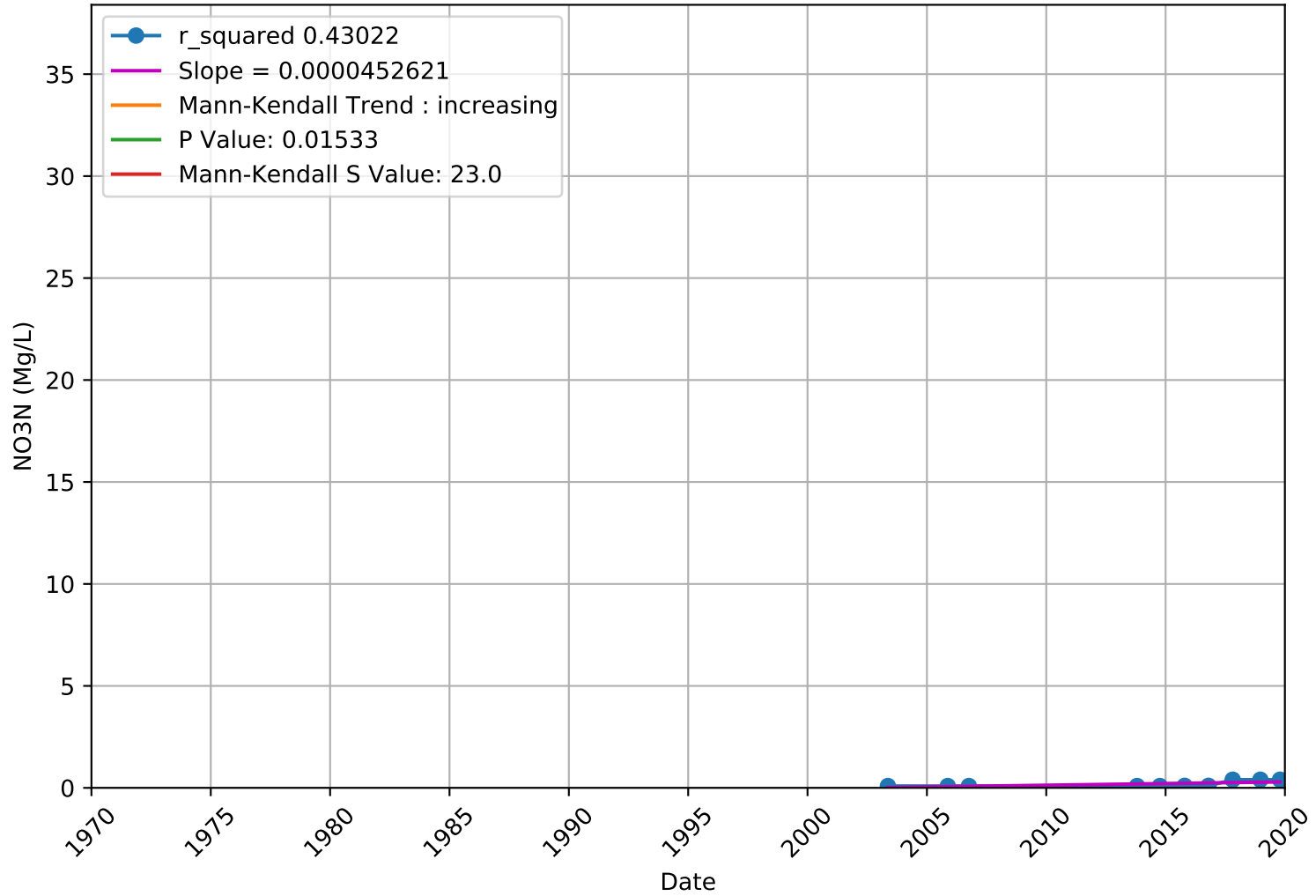
NO3N 3901301-001 - Unknown Aquifer



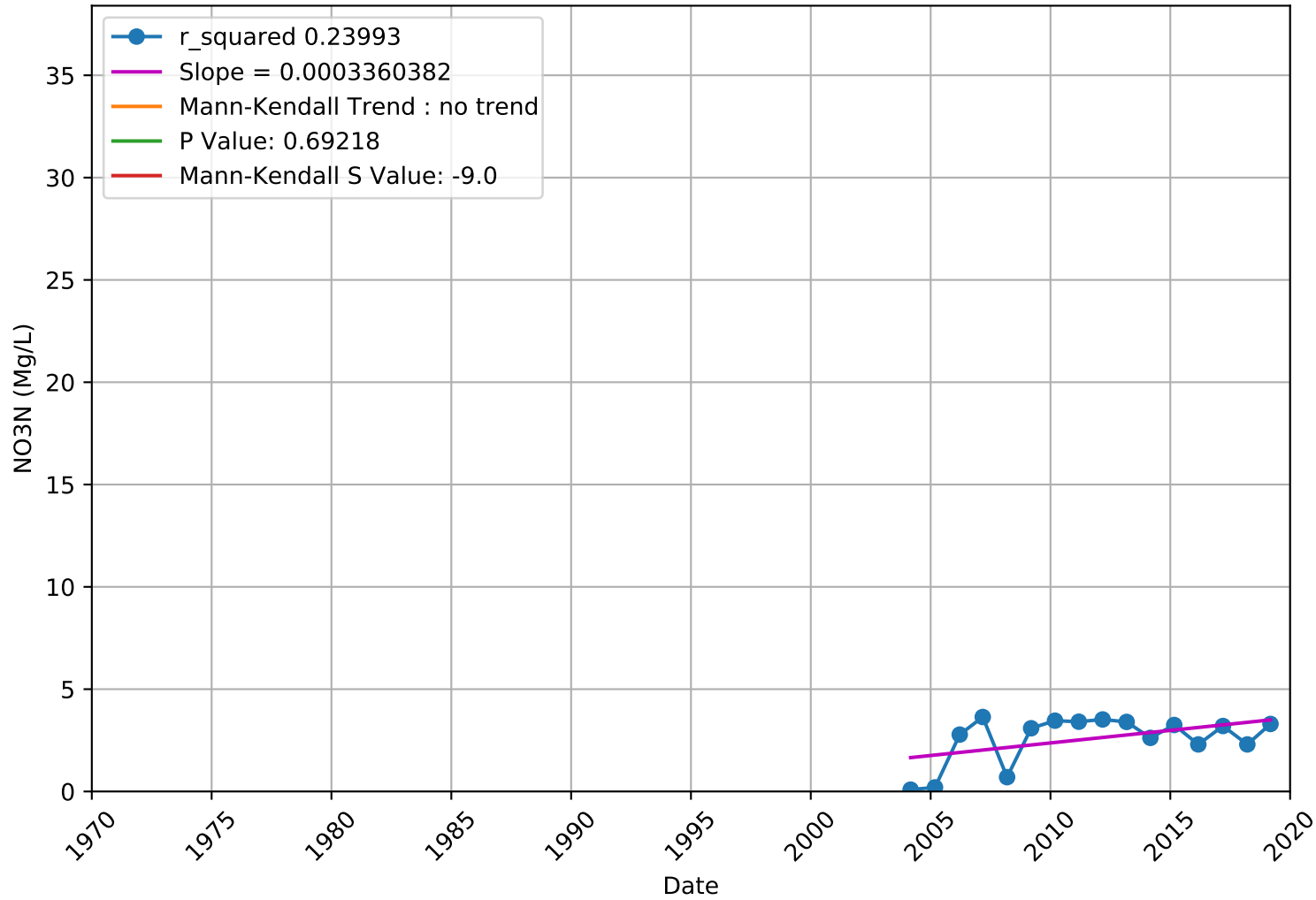
NO3N 3901305-007 - Unknown Aquifer



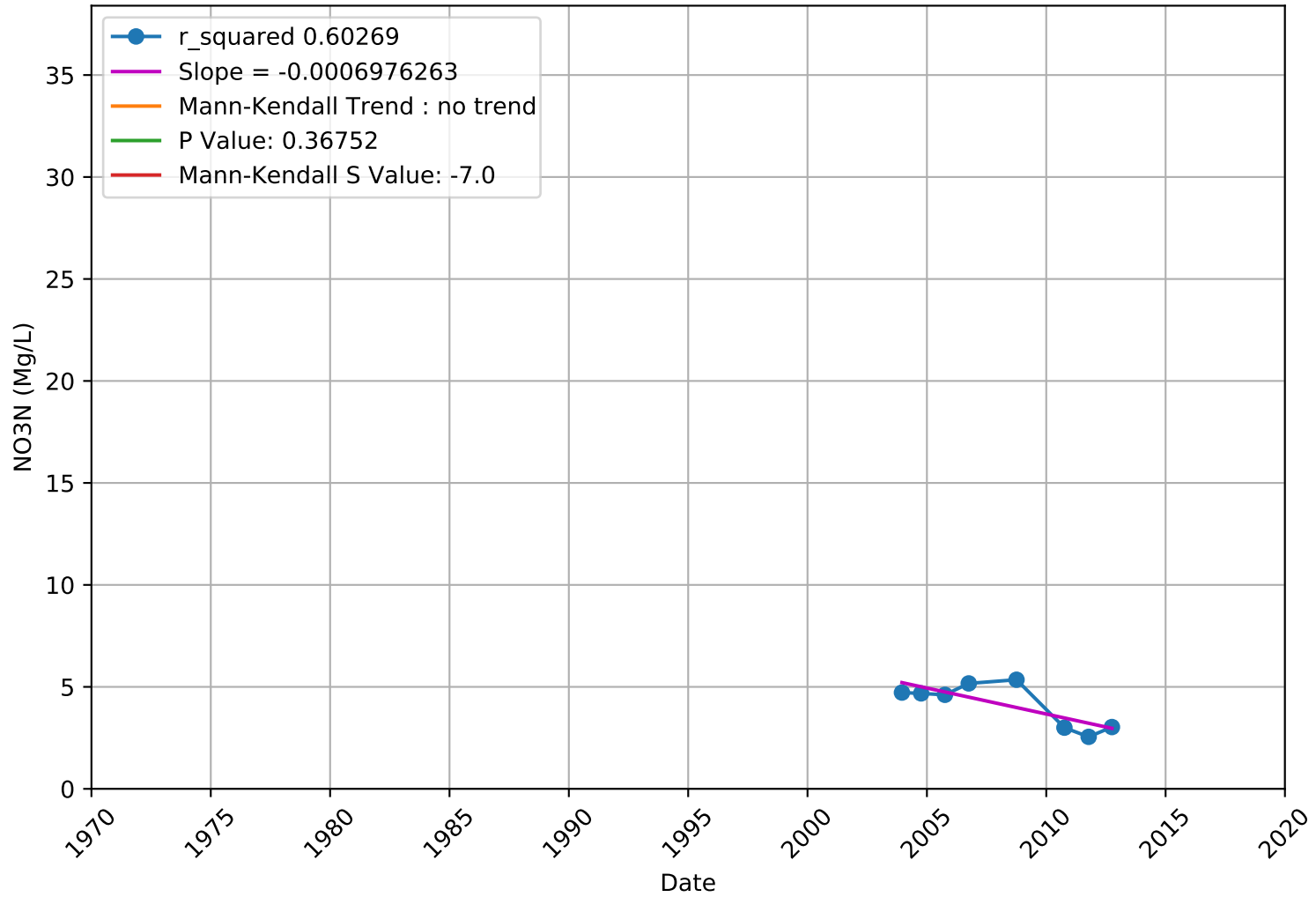
NO3N 3901308-001 - Unknown Aquifer



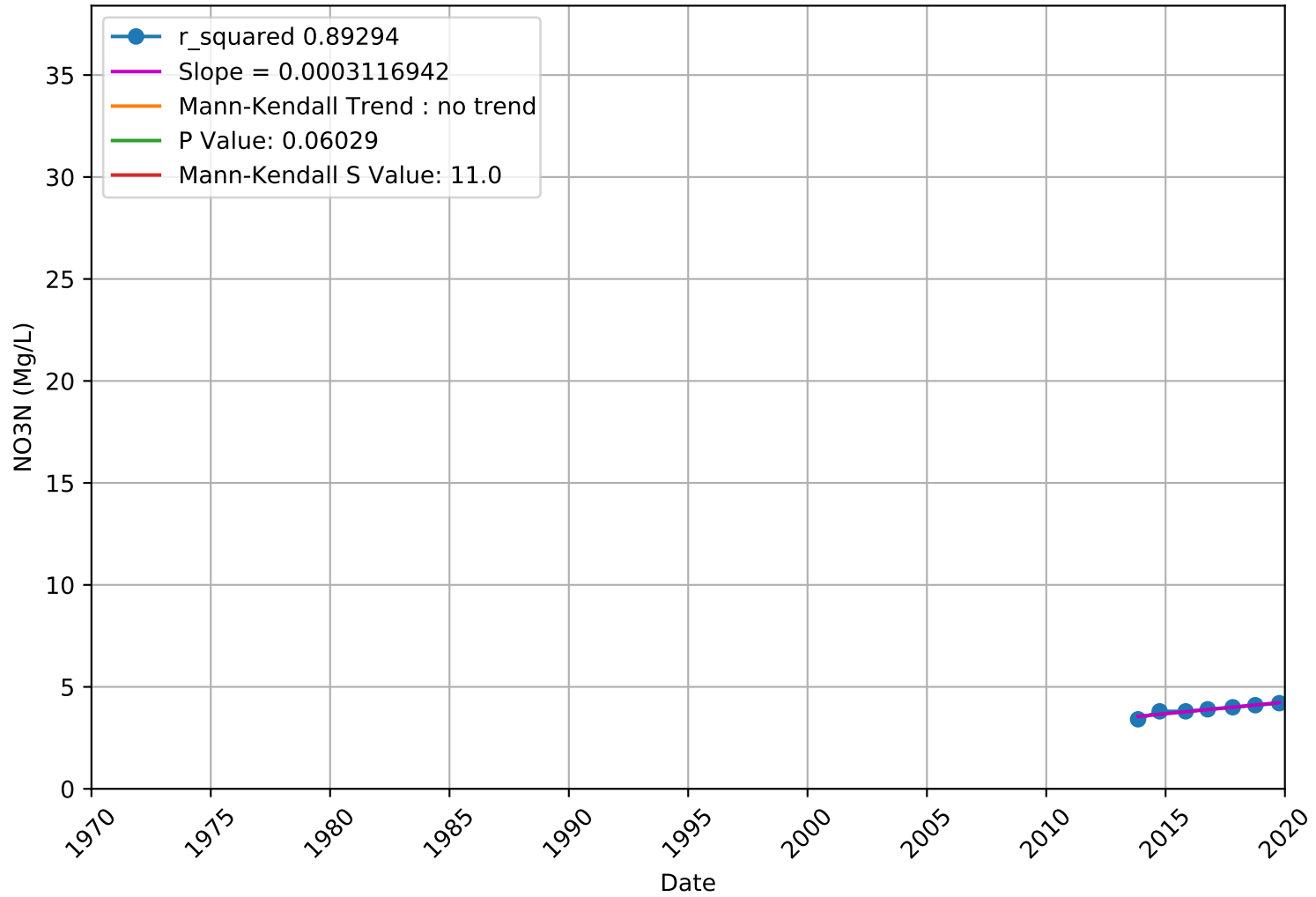
NO3N 3901309-008 - Unknown Aquifer



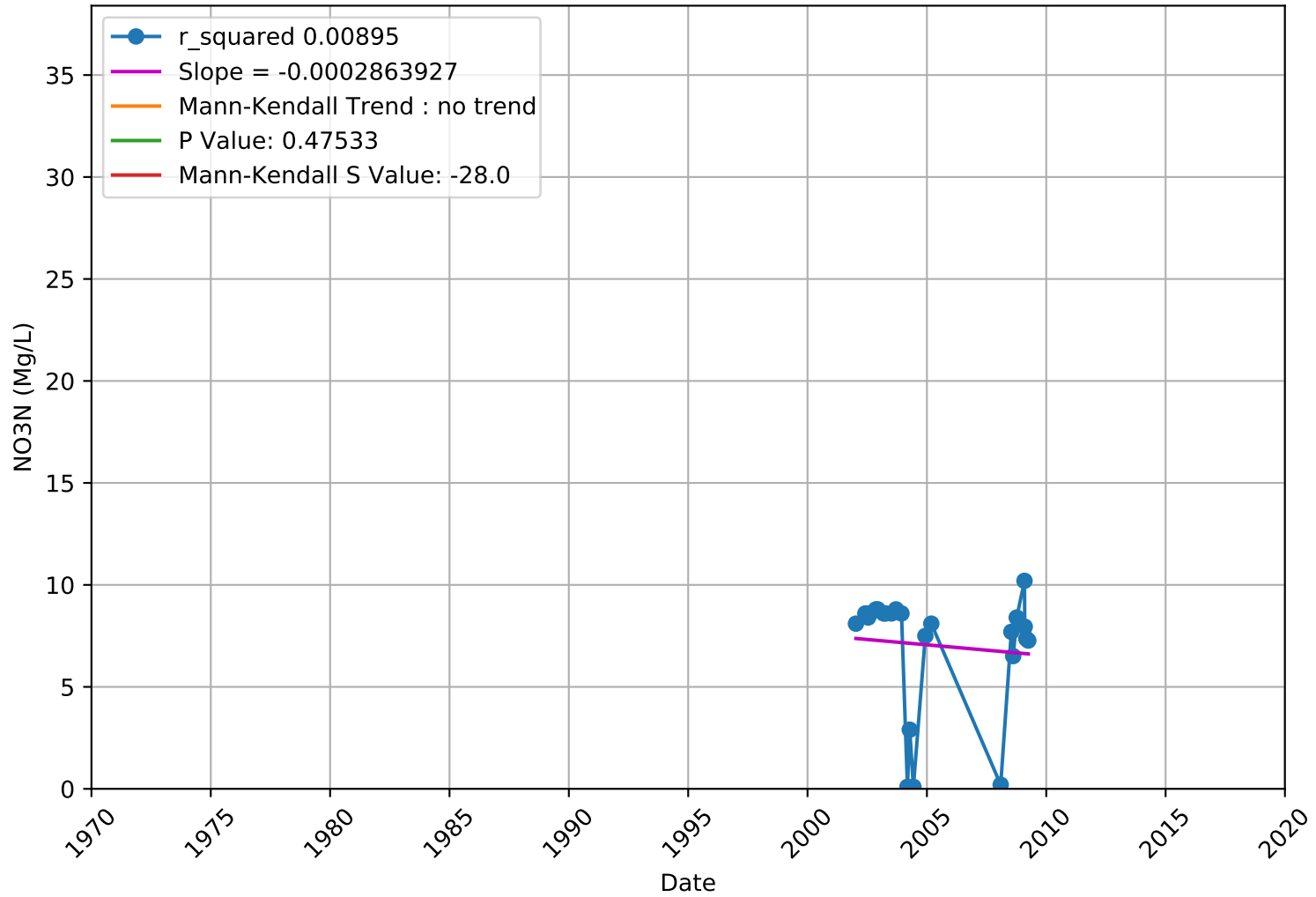
NO3N 3901310-001 - Unknown Aquifer



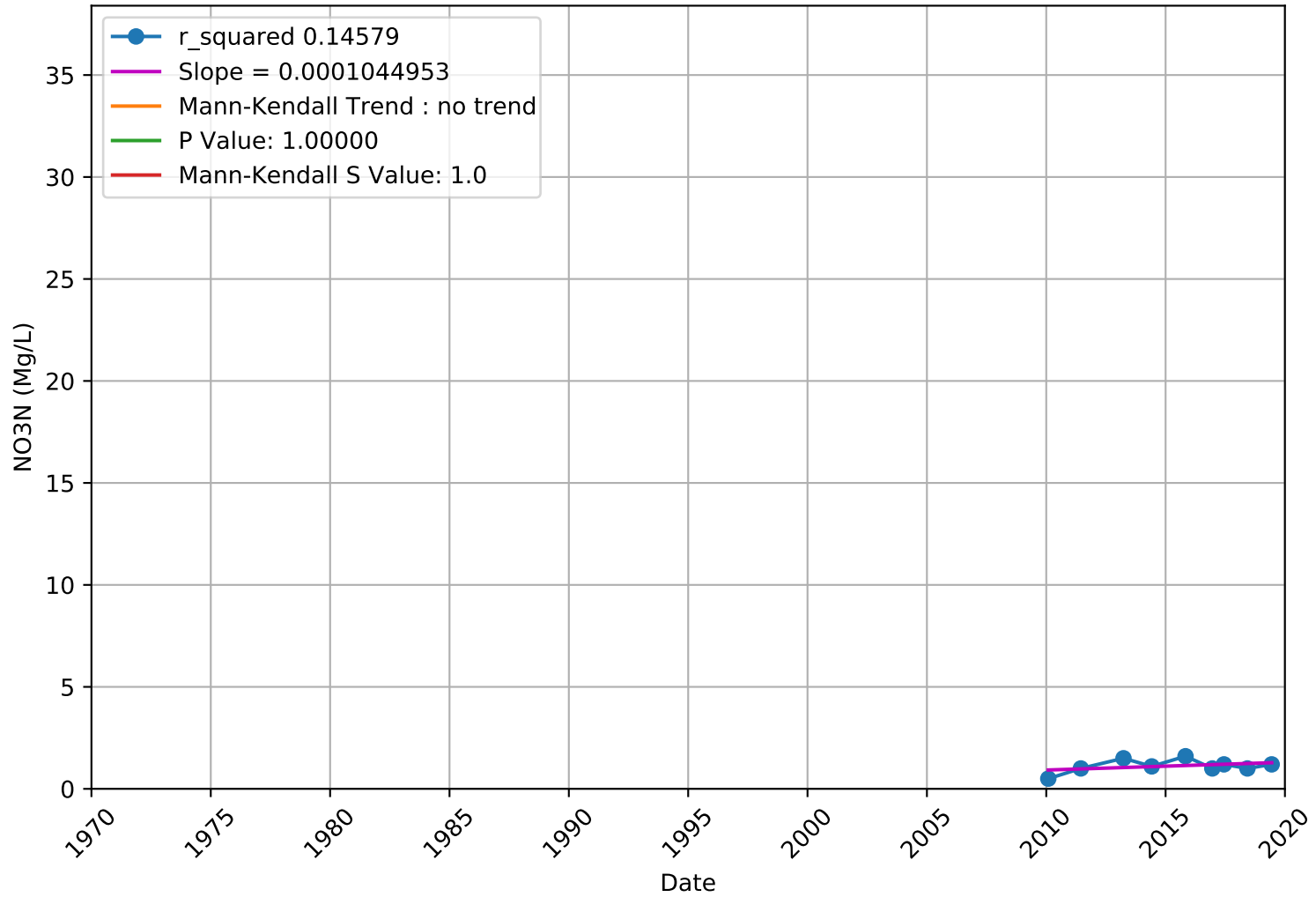
NO3N 3901310-007 - Unknown Aquifer



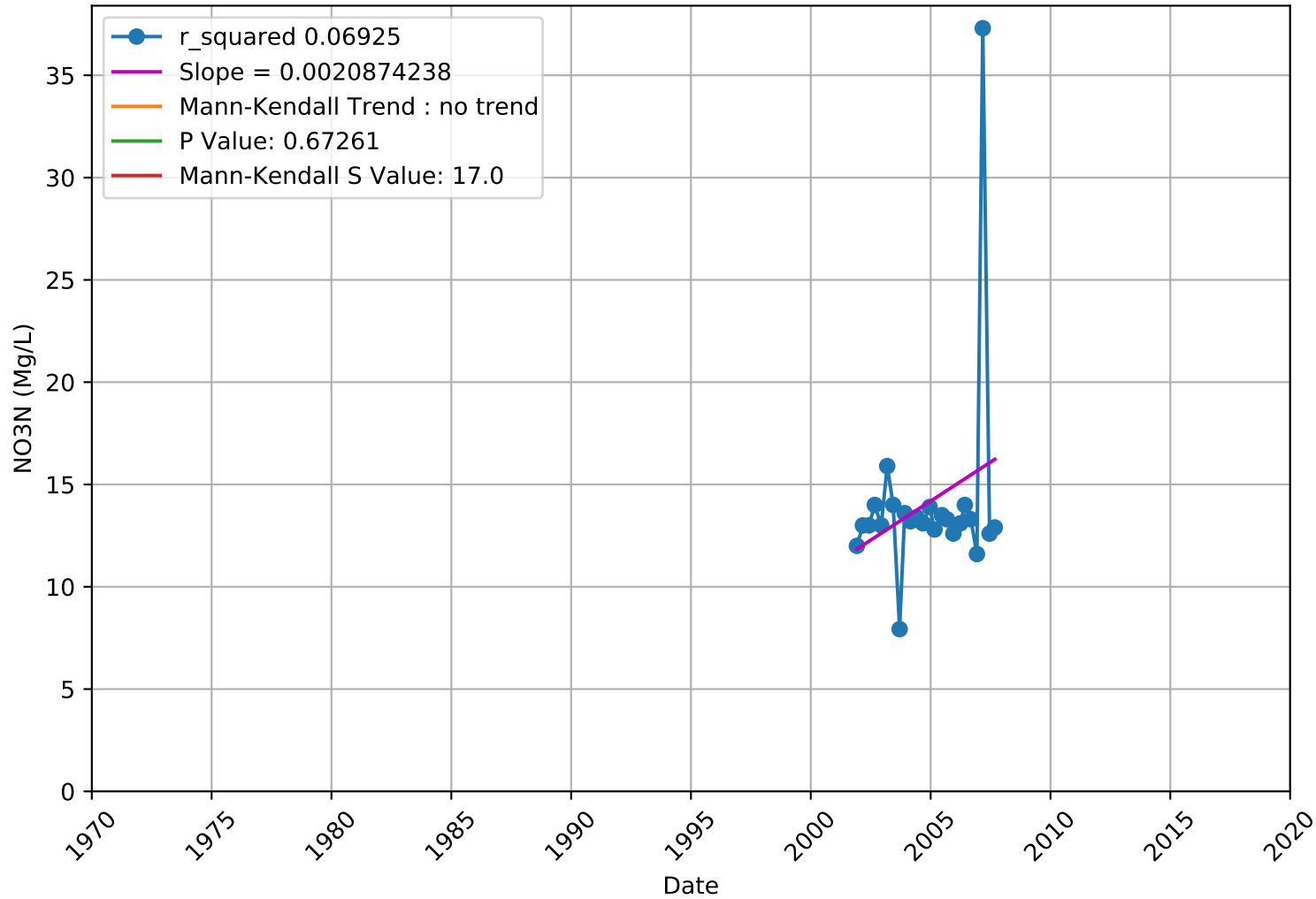
NO3N 3901320-001 - Unknown Aquifer



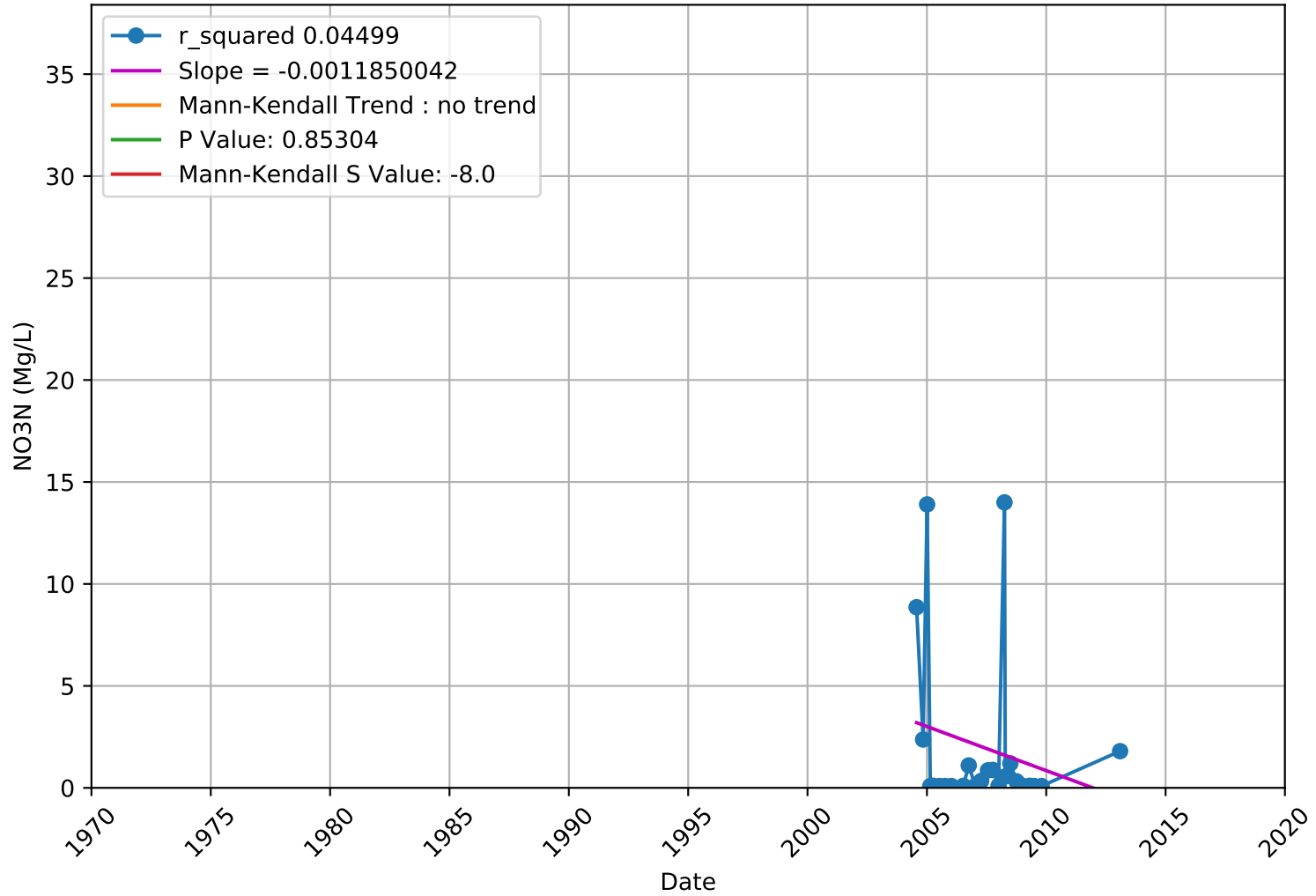
NO3N 3901320-008 - Unknown Aquifer



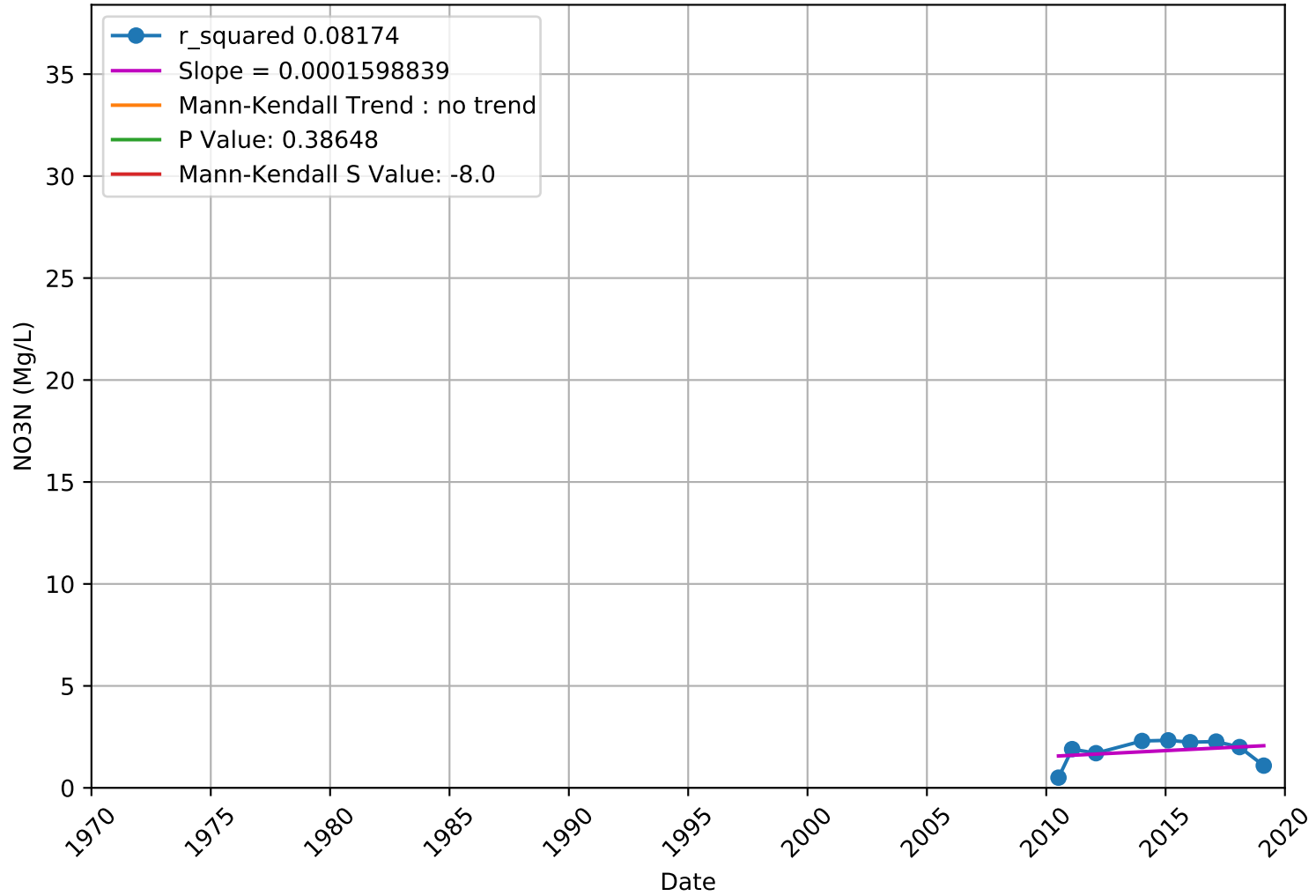
NO3N 3901327-001 - Unknown Aquifer



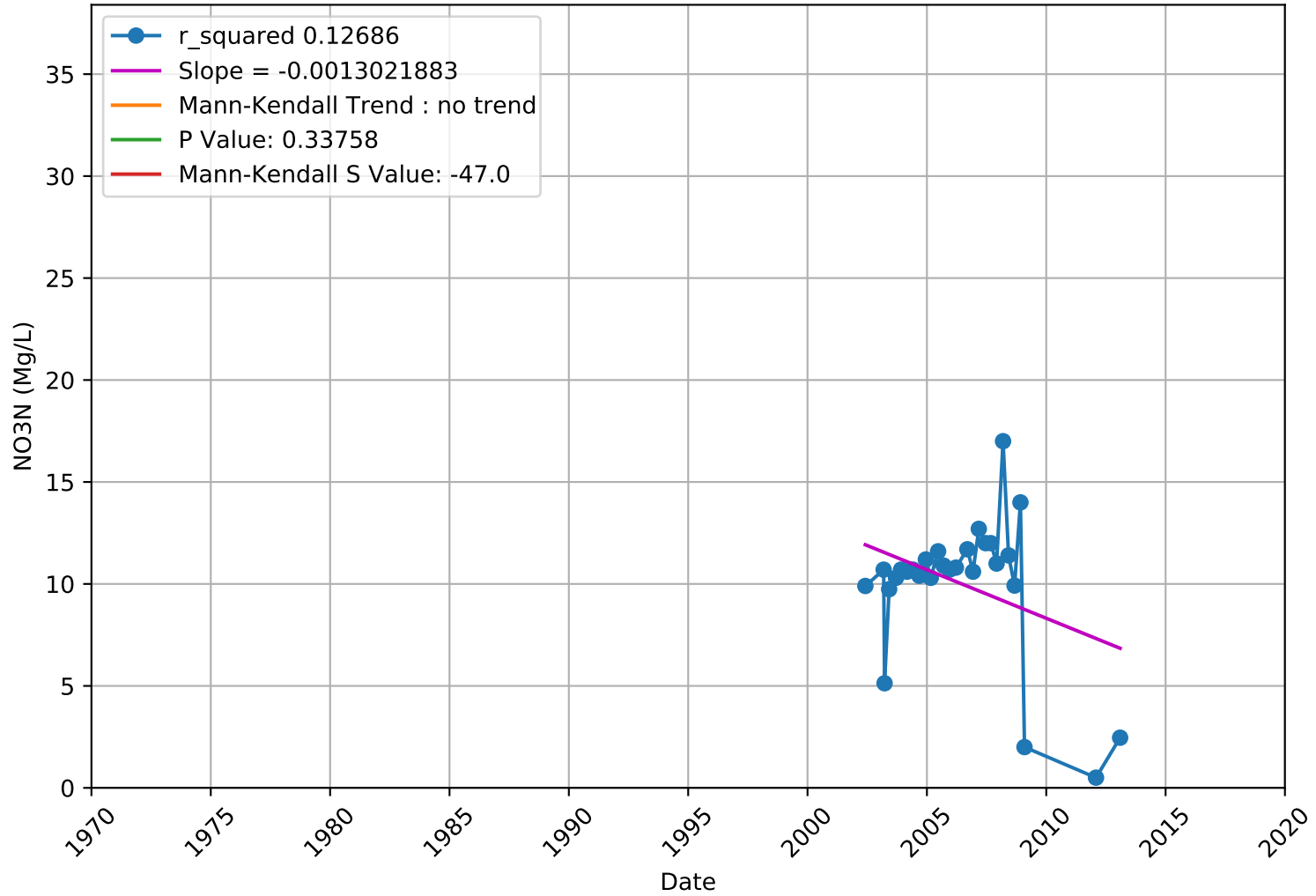
NO3N 3901336-008 - Unknown Aquifer



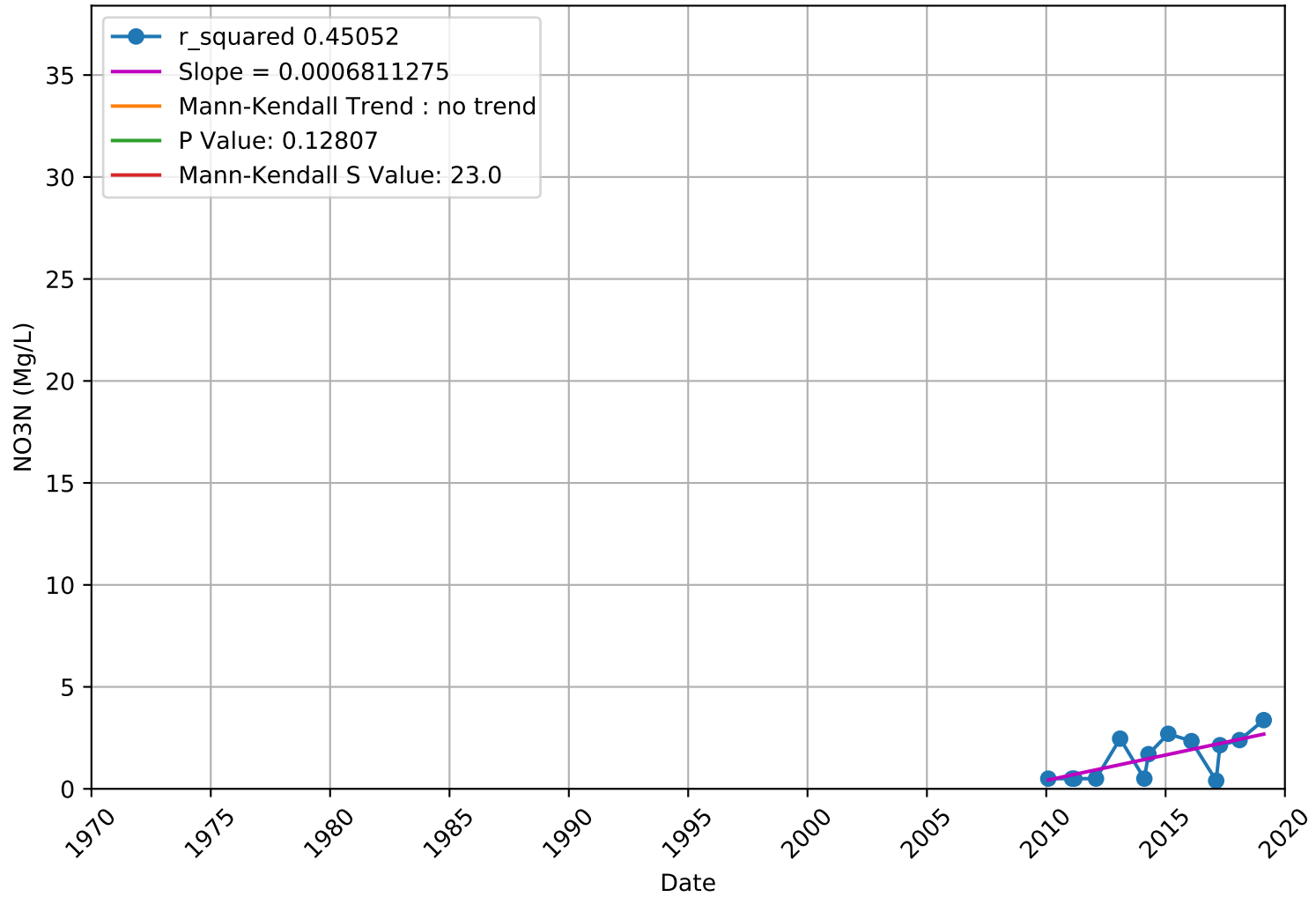
NO3N 3901336-009 - Unknown Aquifer



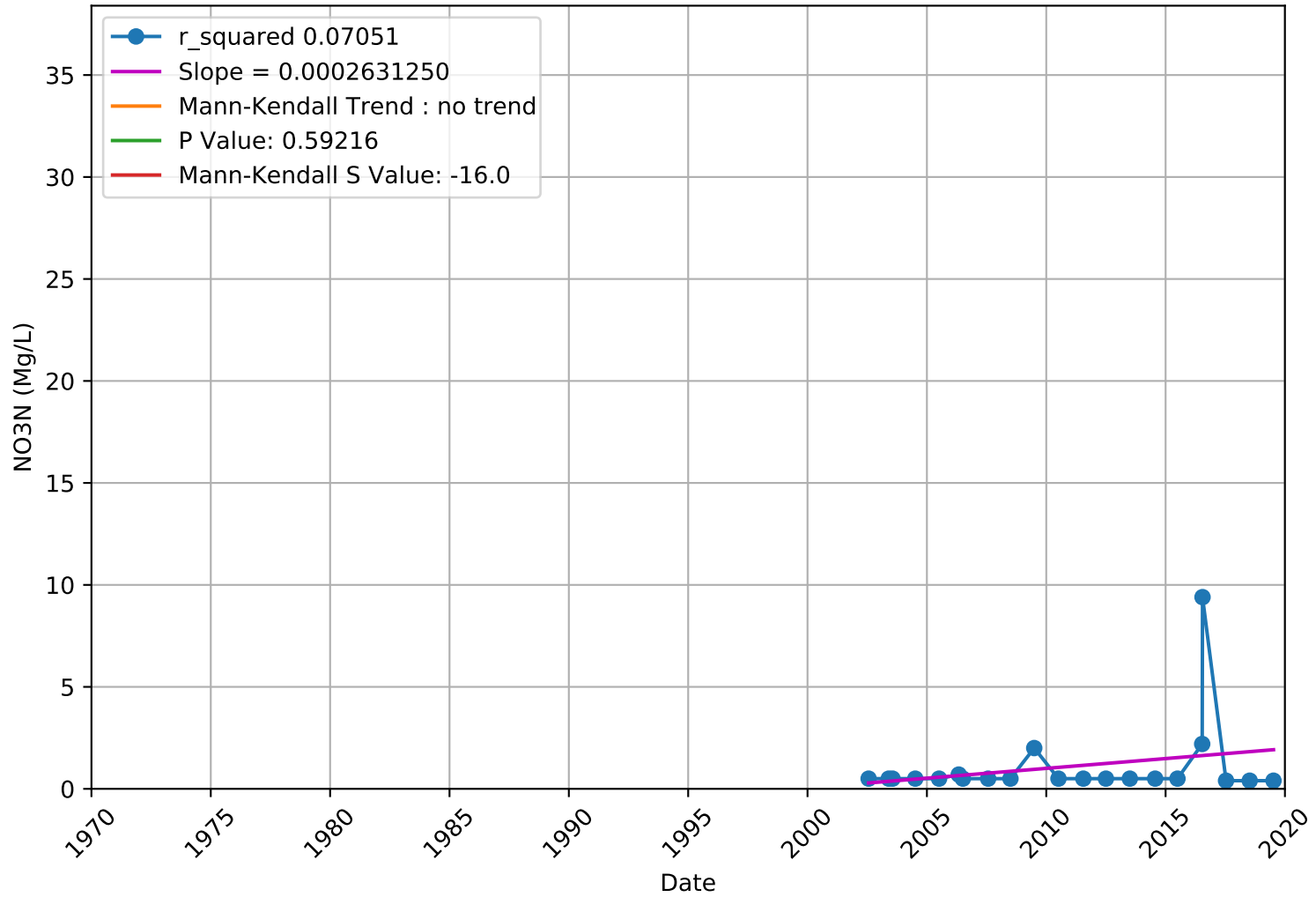
NO3N 3901338-001 - Unknown Aquifer



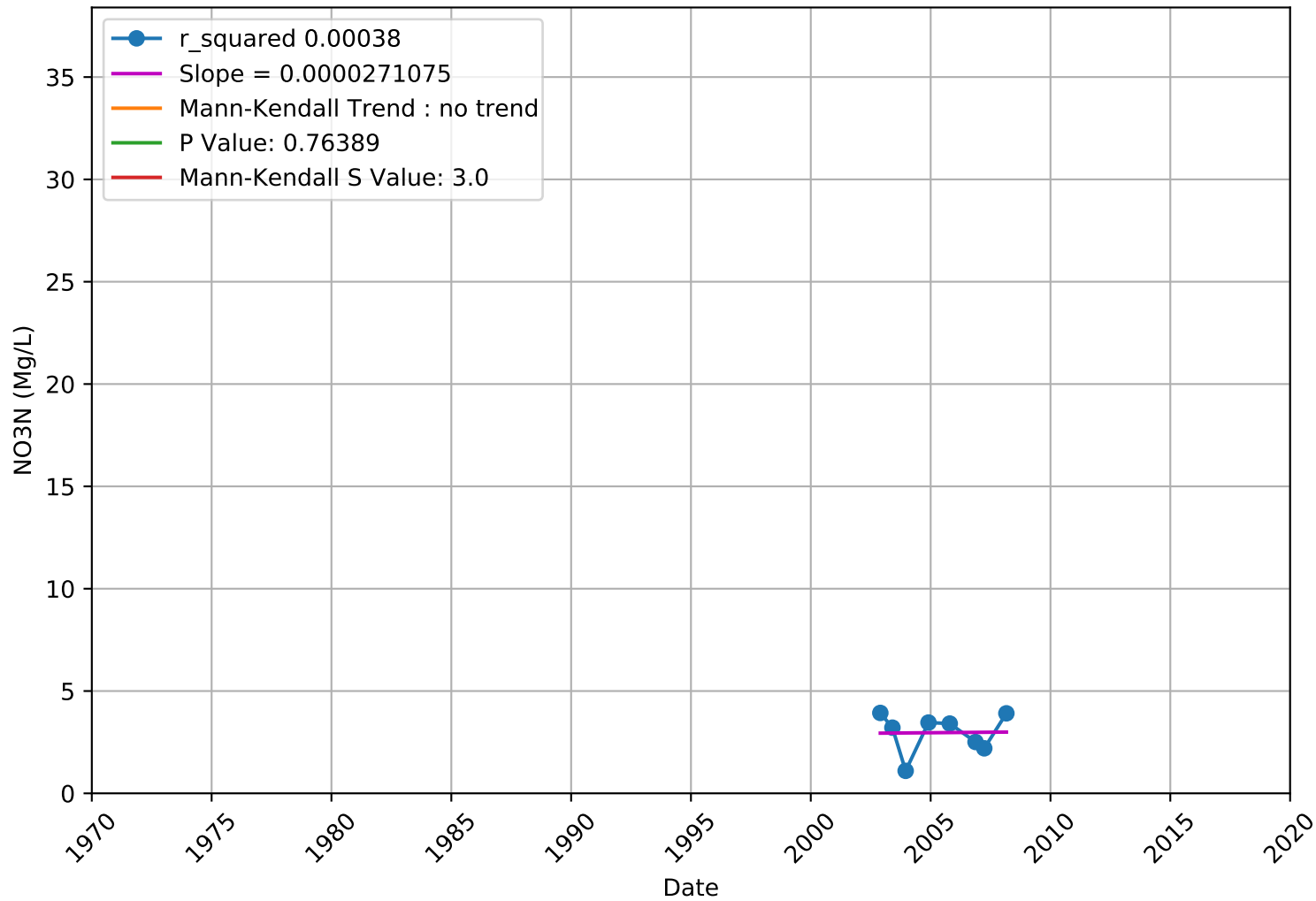
NO3N 3901338-007 - Unknown Aquifer



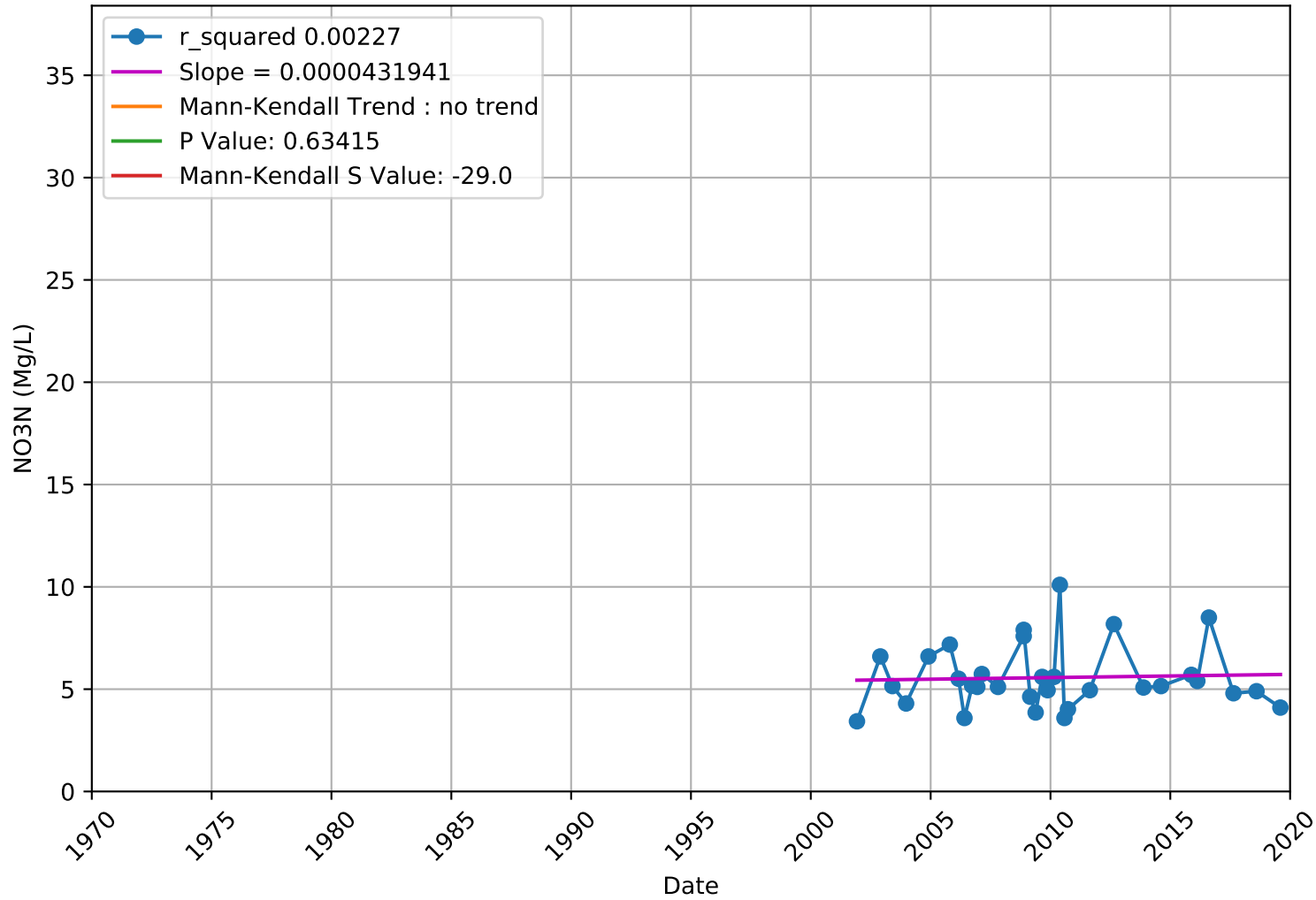
NO3N 3901342-001 - Unknown Aquifer



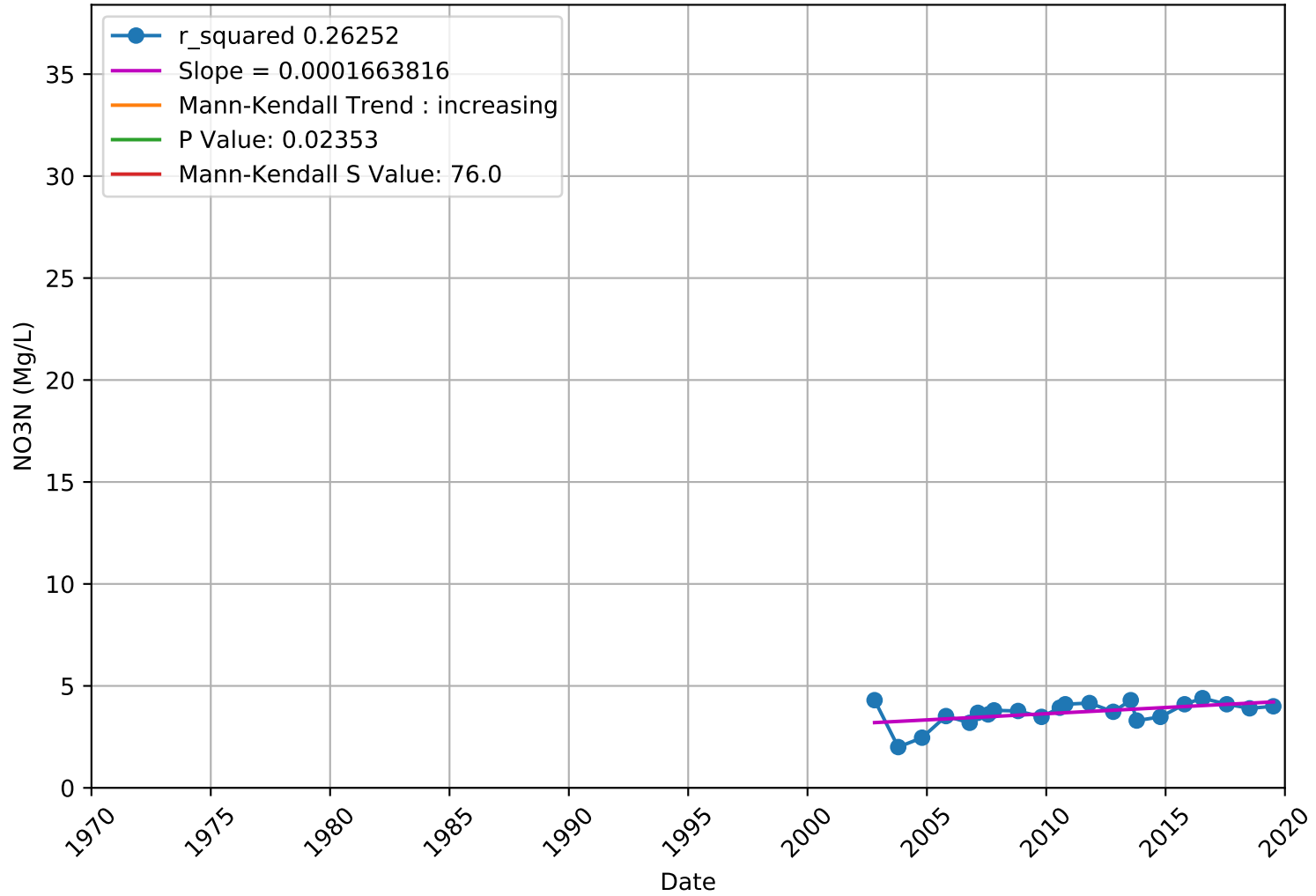
NO3N 3901348-001 - Unknown Aquifer



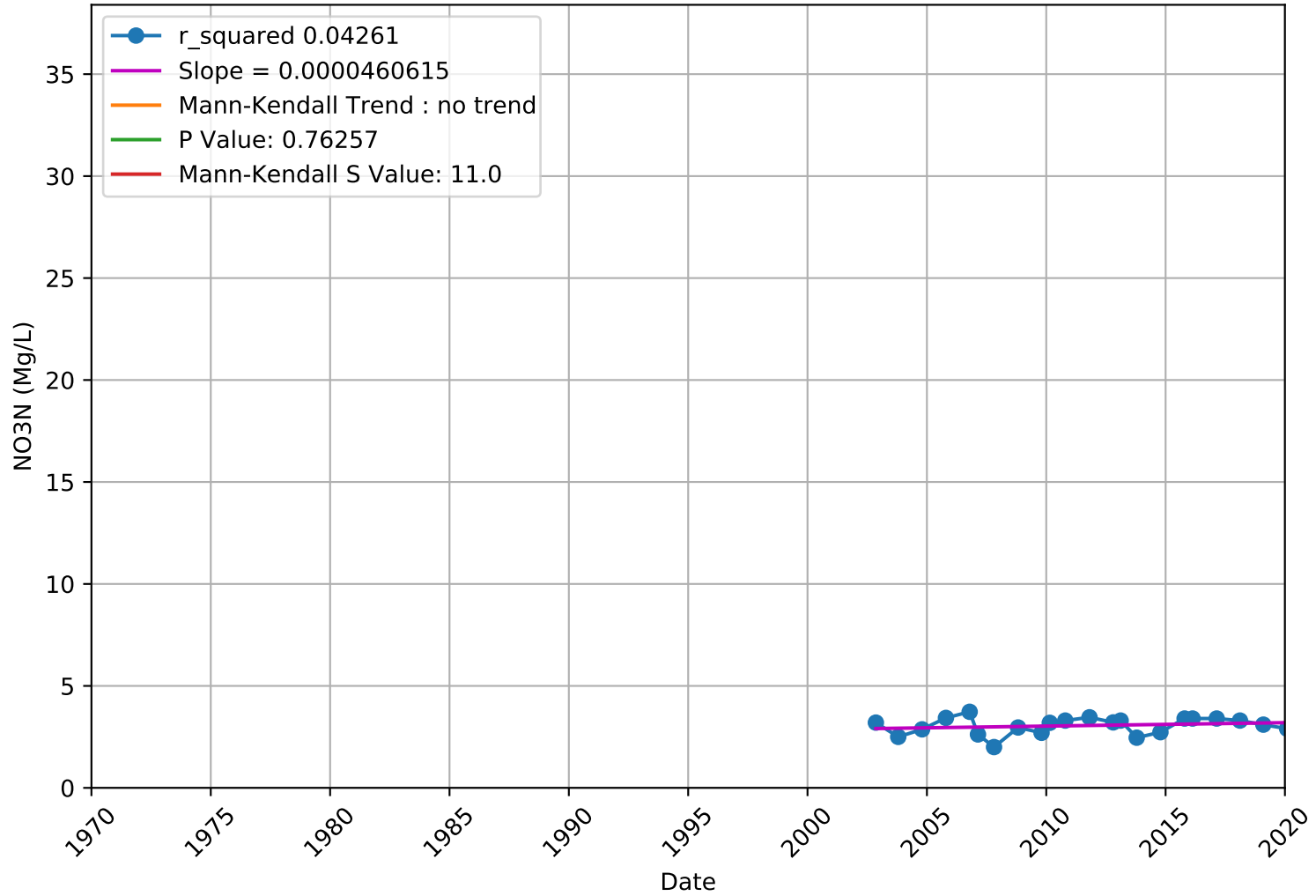
NO3N 3901348-002 - Unknown Aquifer



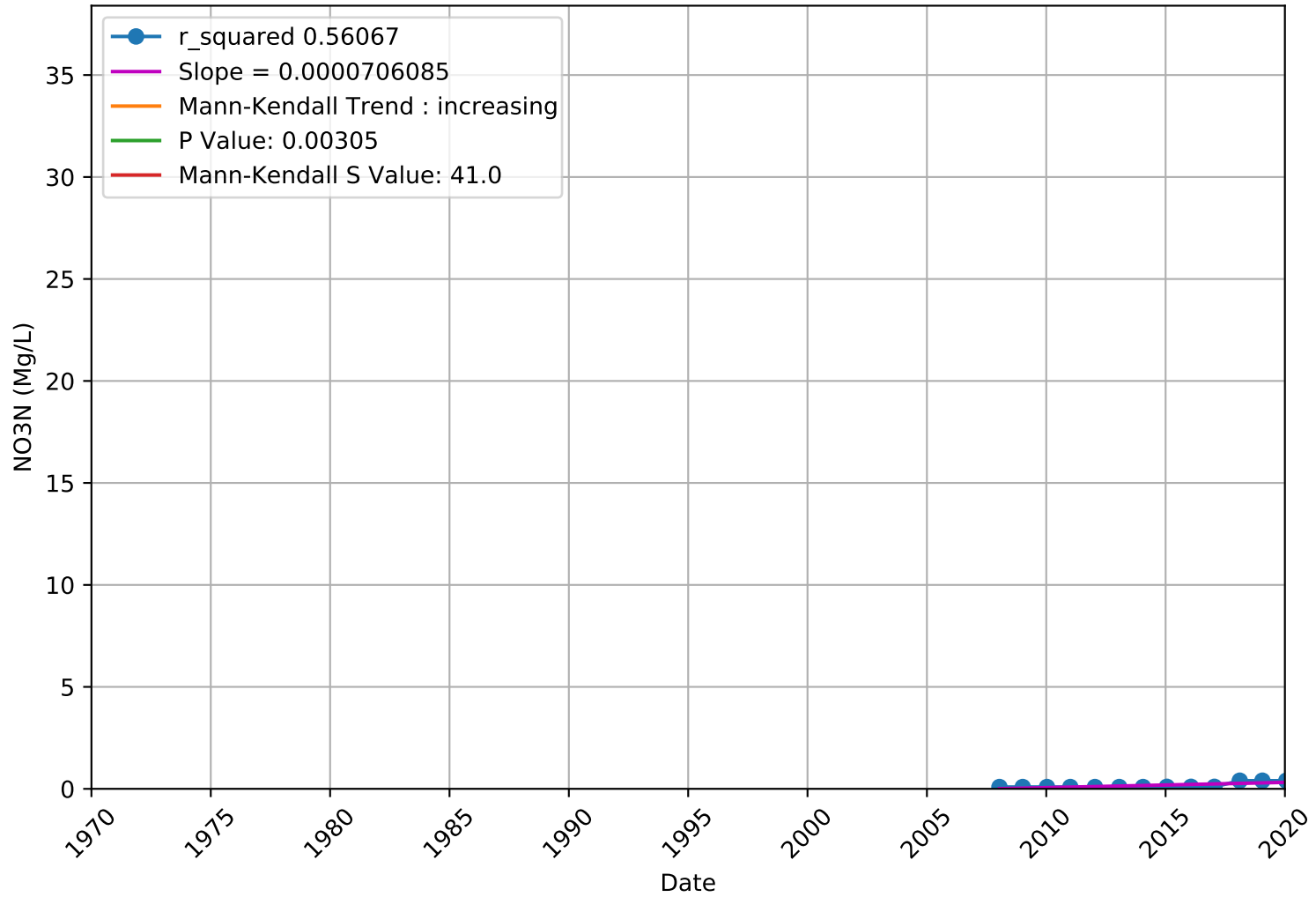
NO3N 3901348-003 - Unknown Aquifer



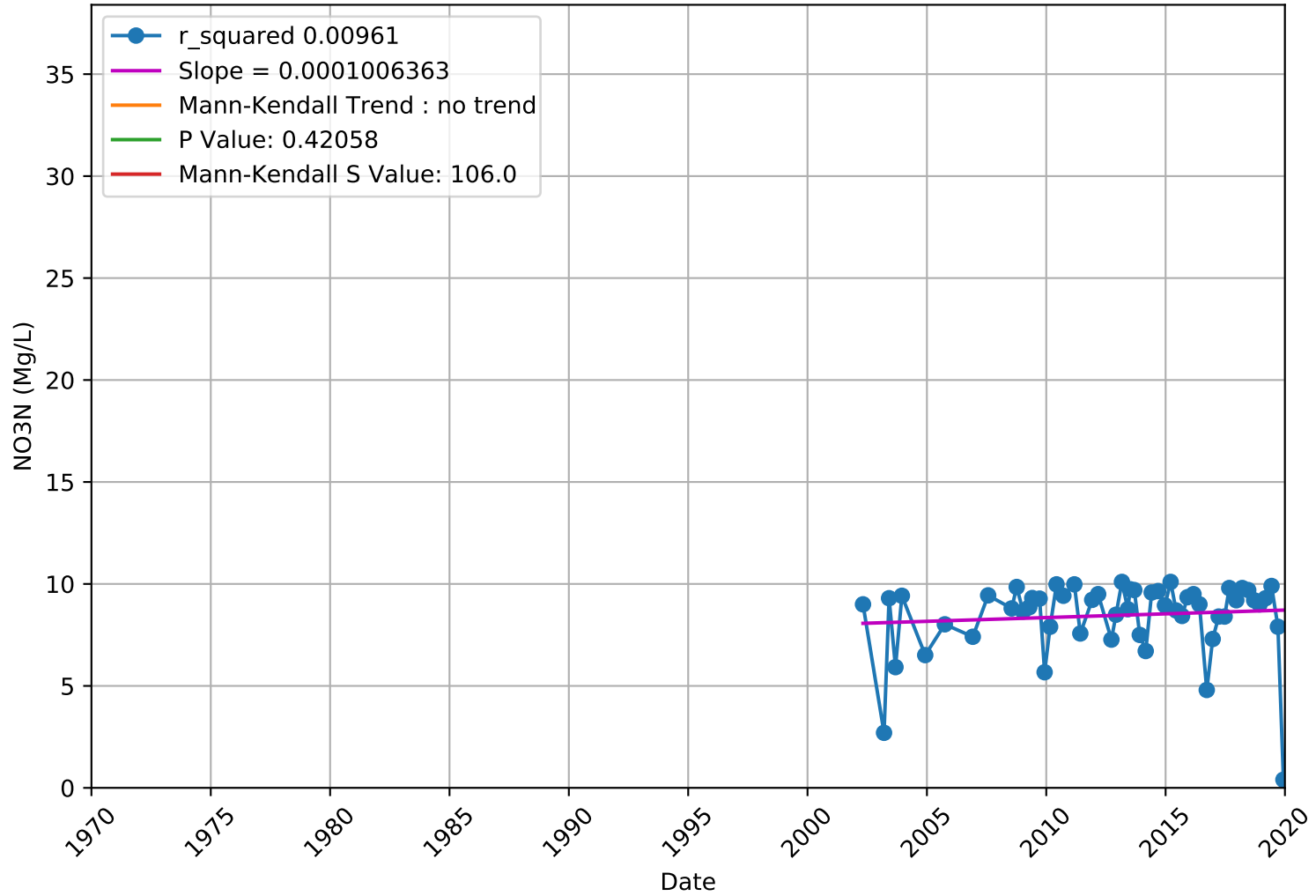
NO3N 3901348-004 - Unknown Aquifer



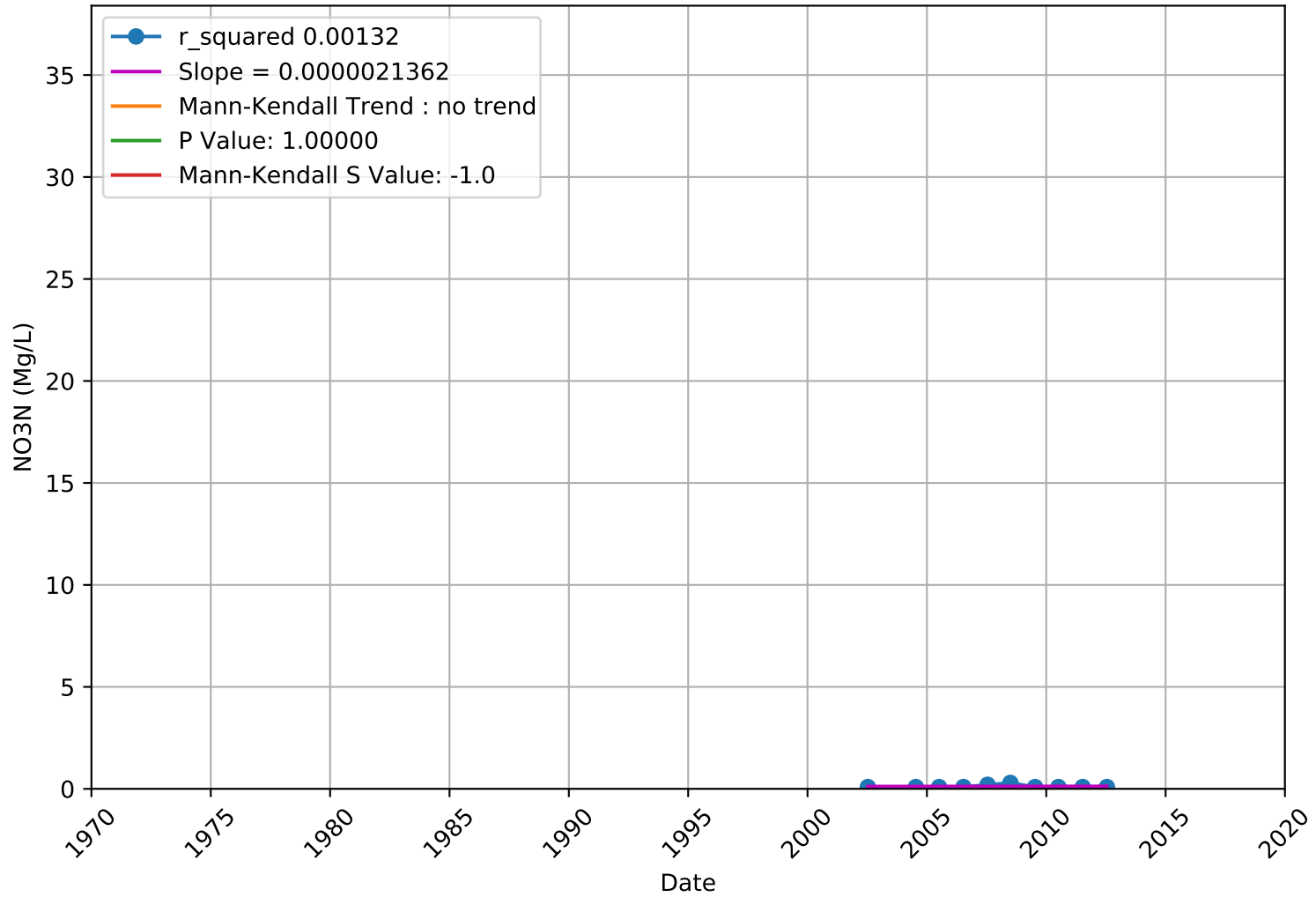
NO3N 3901355-001 - Unknown Aquifer



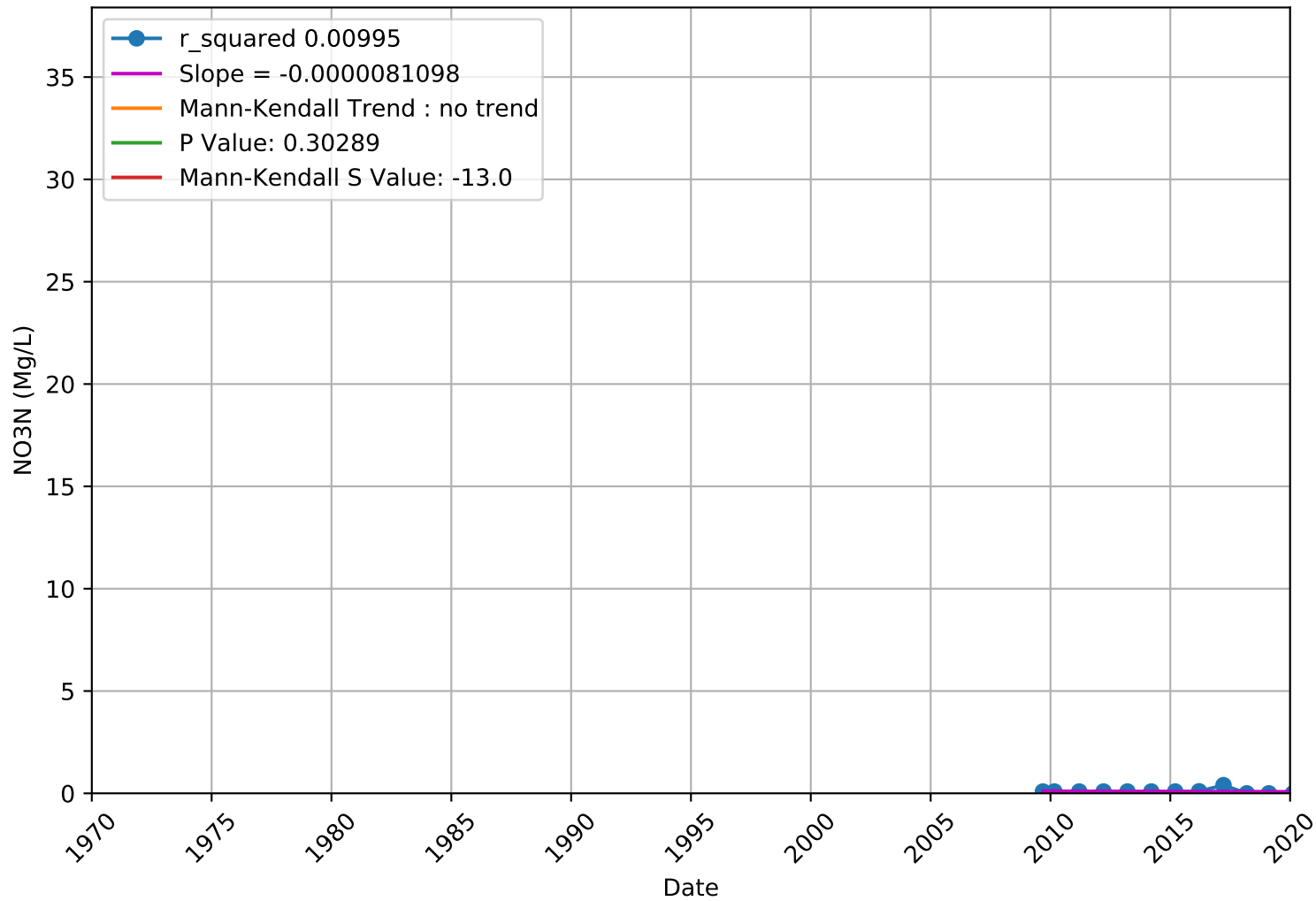
NO3N 3901378-002 - Unknown Aquifer



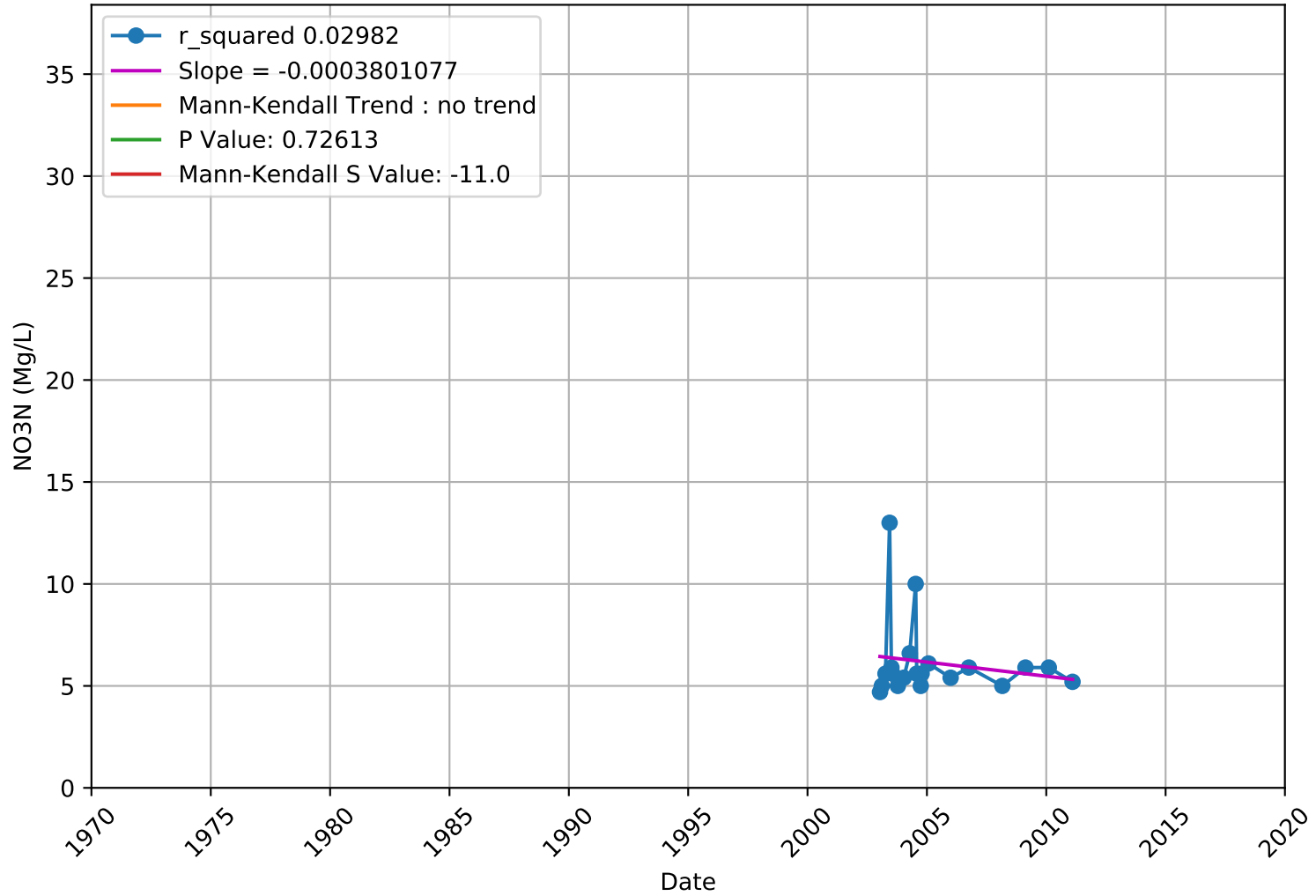
NO3N 3901383-001 - Unknown Aquifer



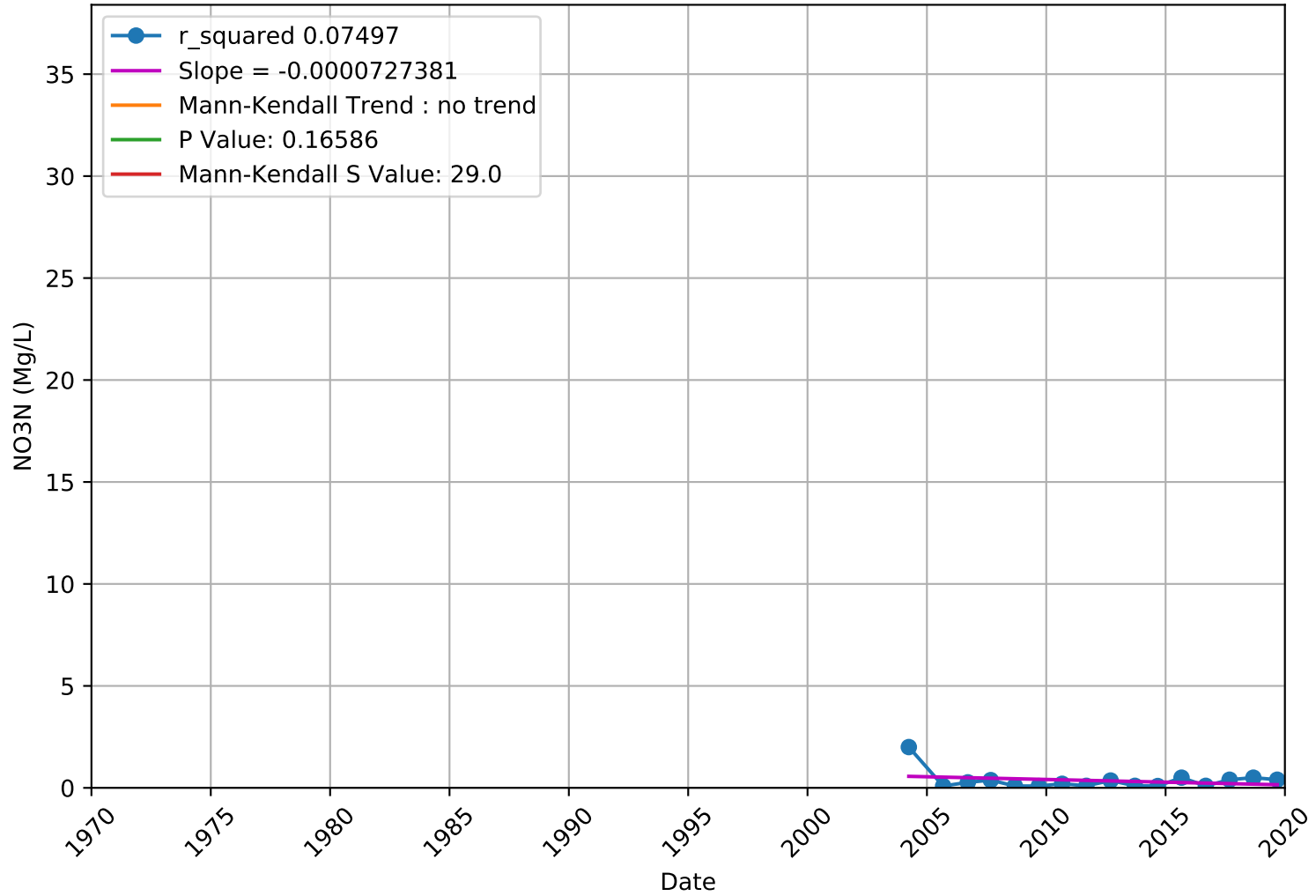
NO3N 3901388-007 - Unknown Aquifer



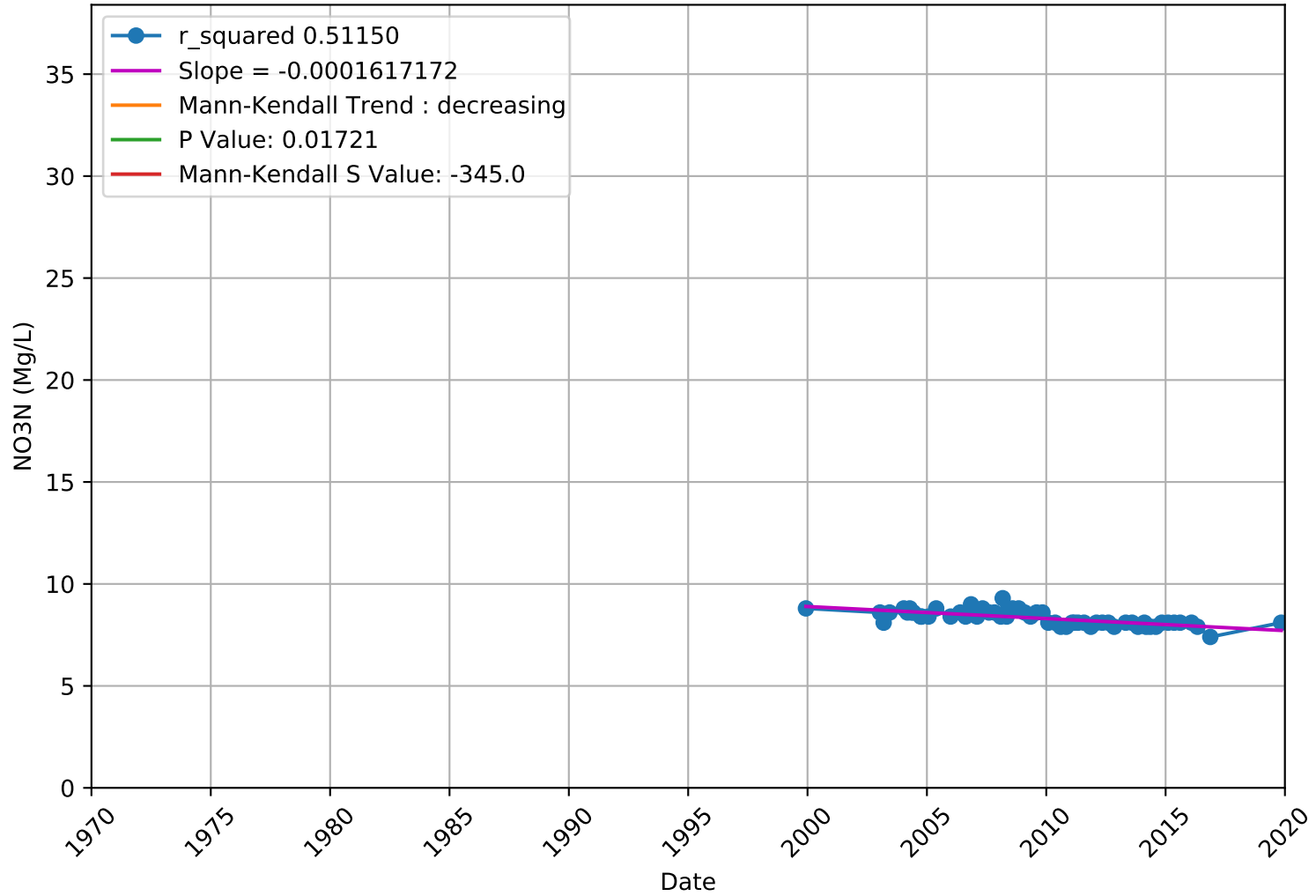
NO3N 3901396-001 - Unknown Aquifer



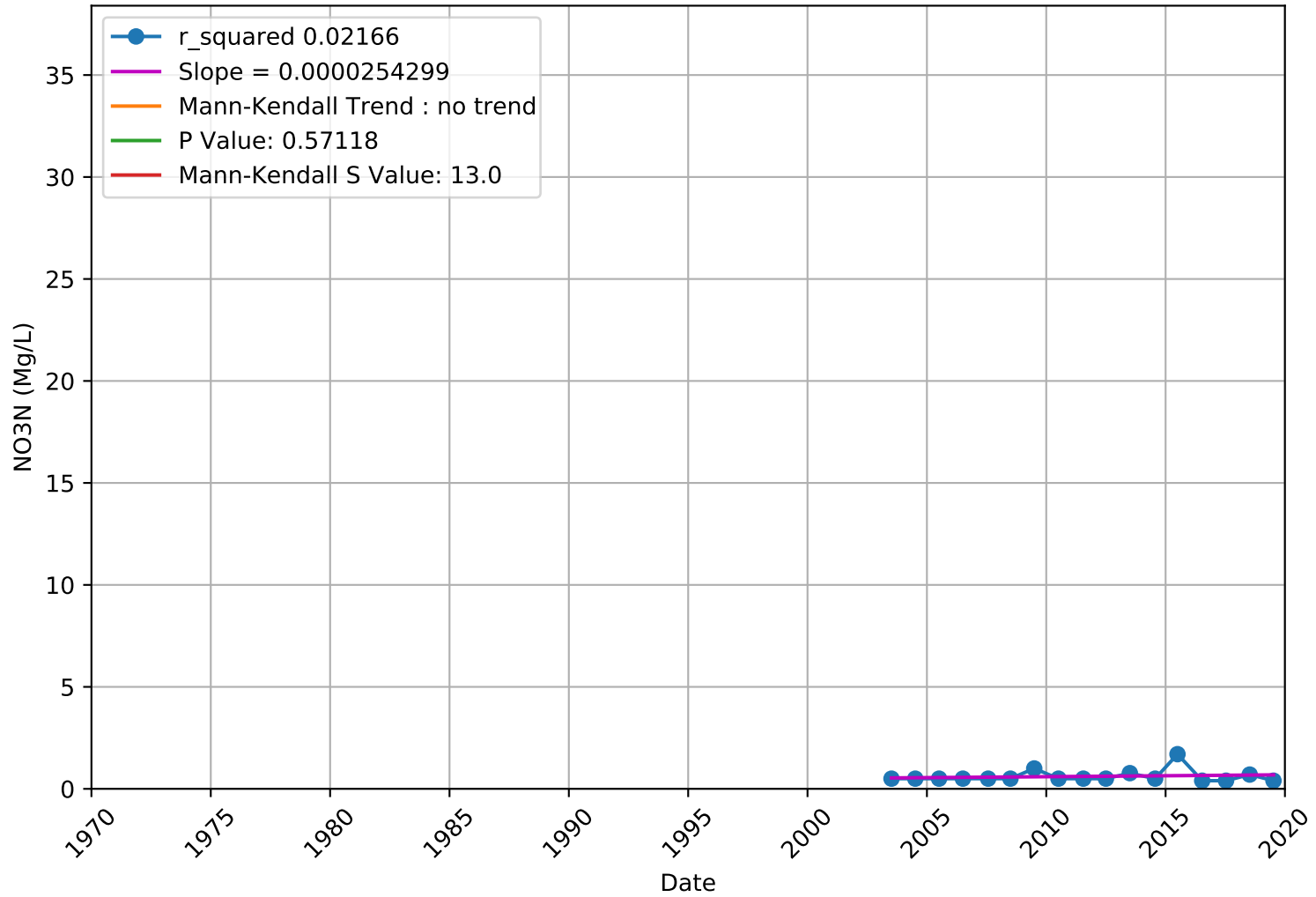
NO3N 3901397-007 - Unknown Aquifer



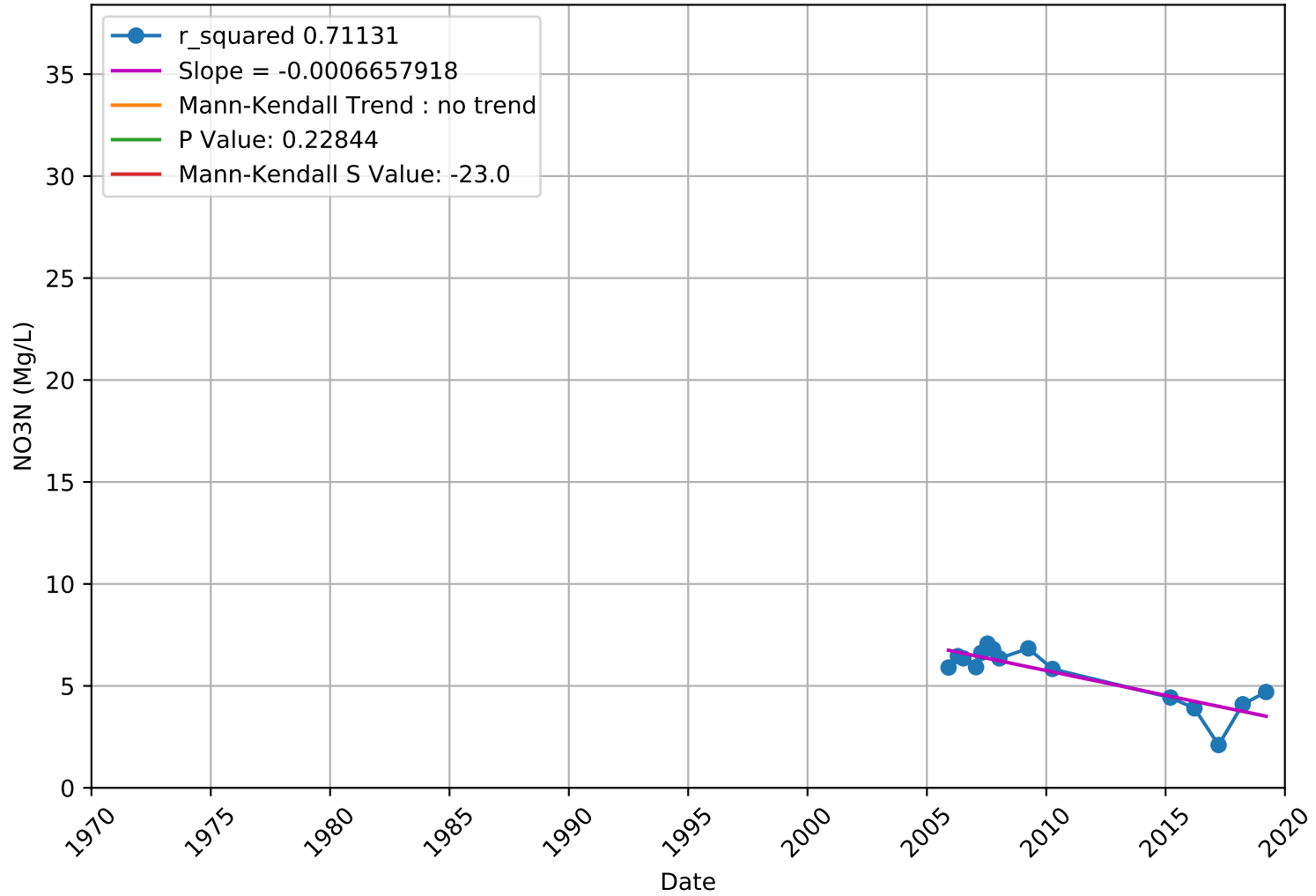
NO3N 3901398-001 - Unknown Aquifer



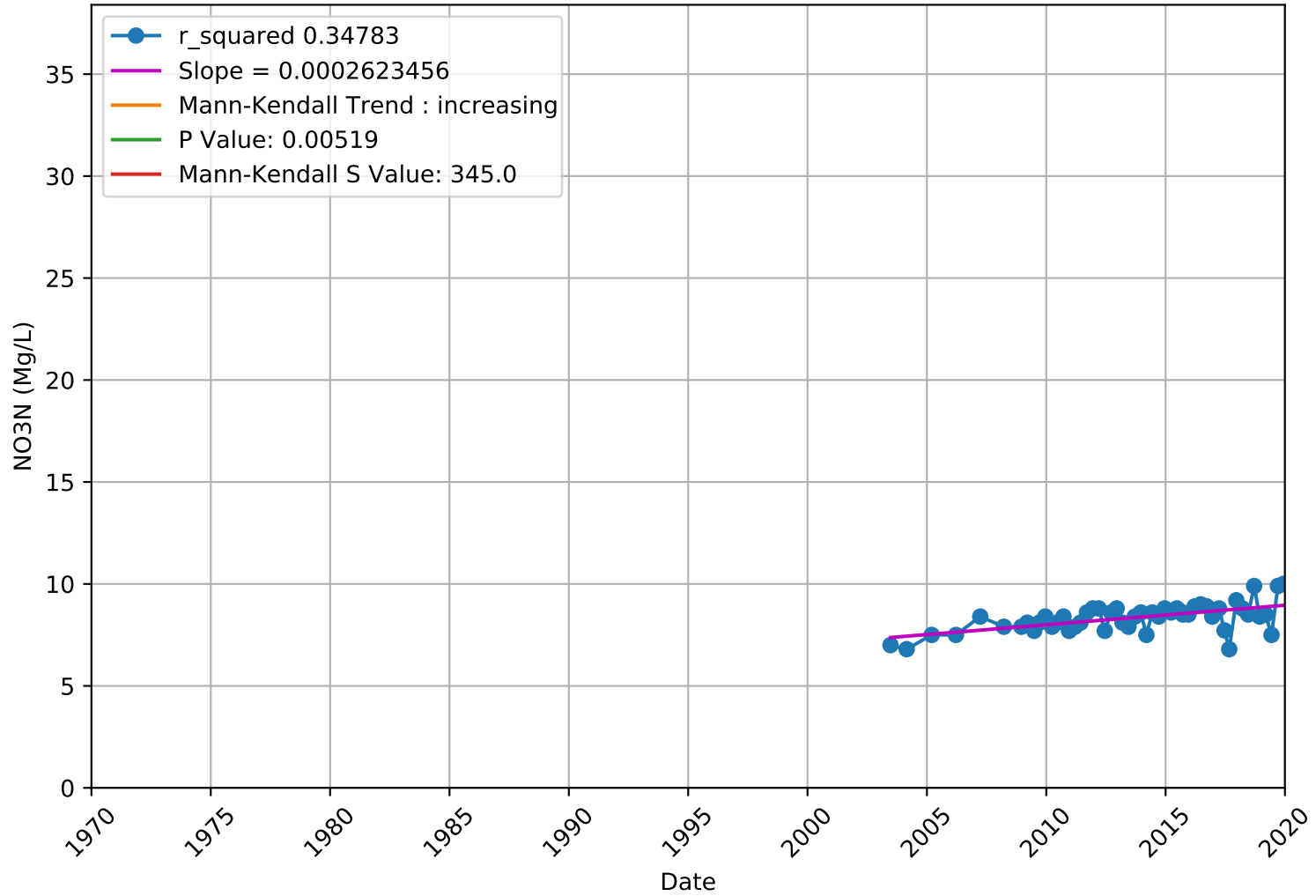
NO3N 3901401-001 - Unknown Aquifer



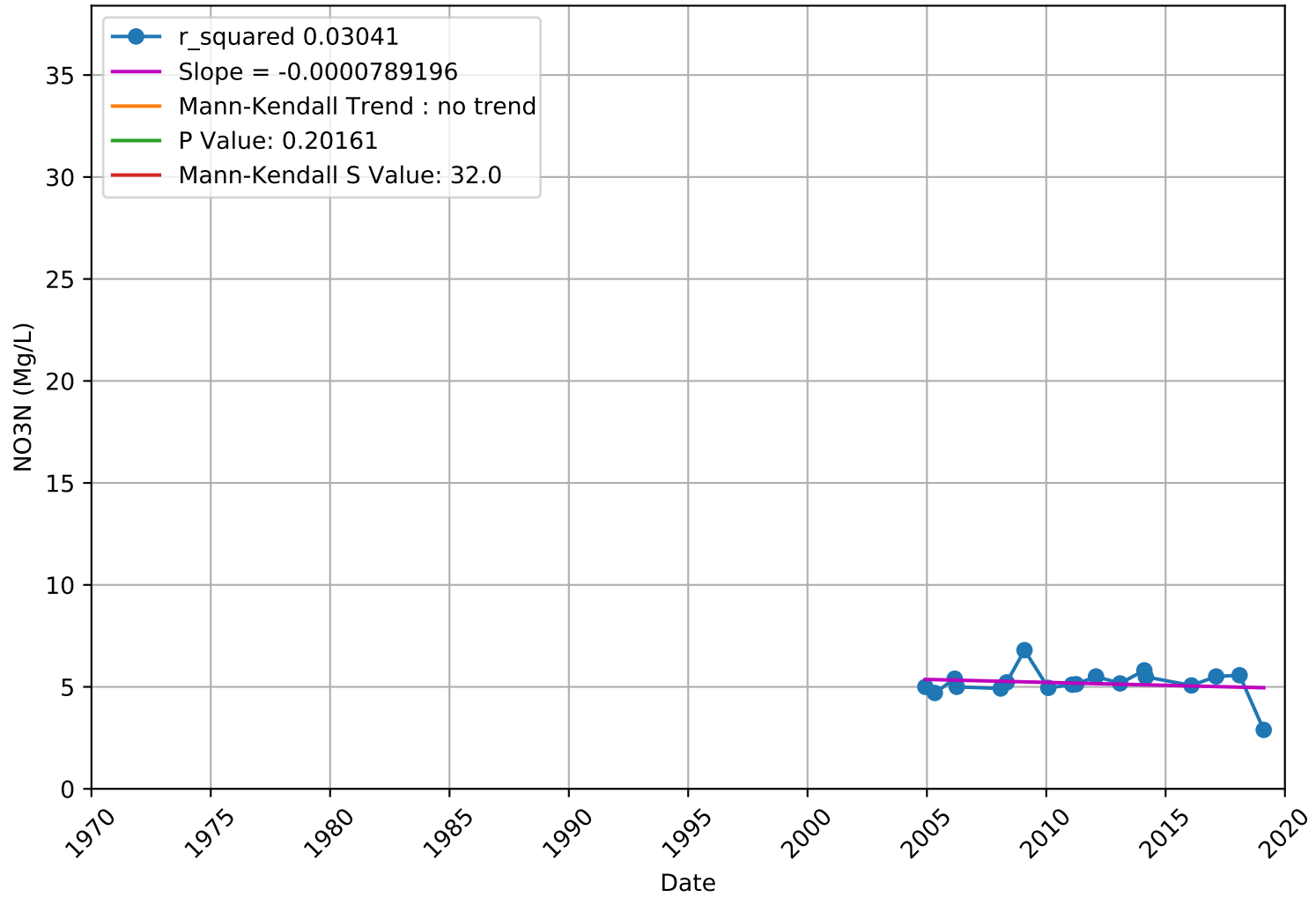
NO3N 3901405-007 - Unknown Aquifer



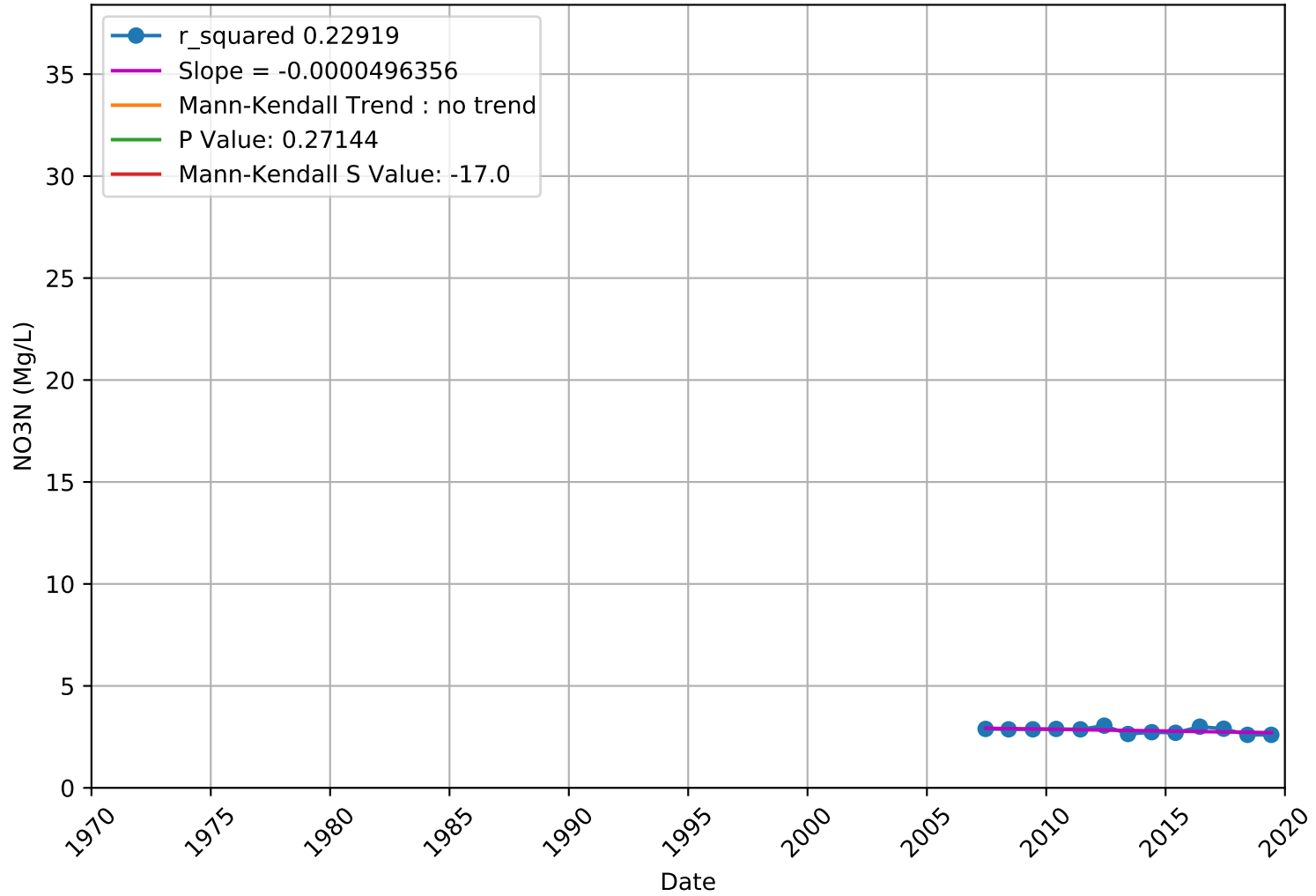
NO3N 3901406-001 - Unknown Aquifer



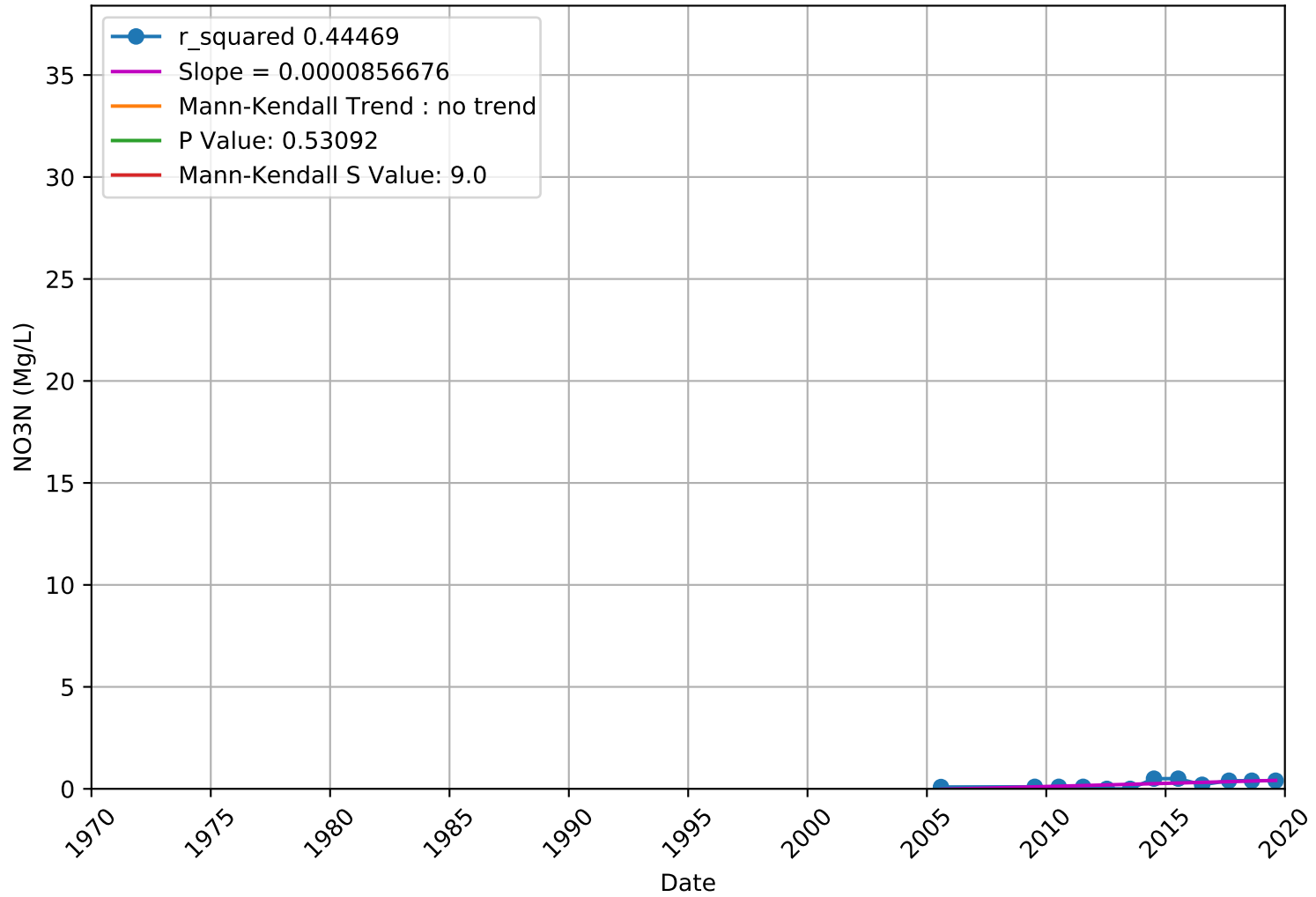
NO3N 3901409-001 - Unknown Aquifer



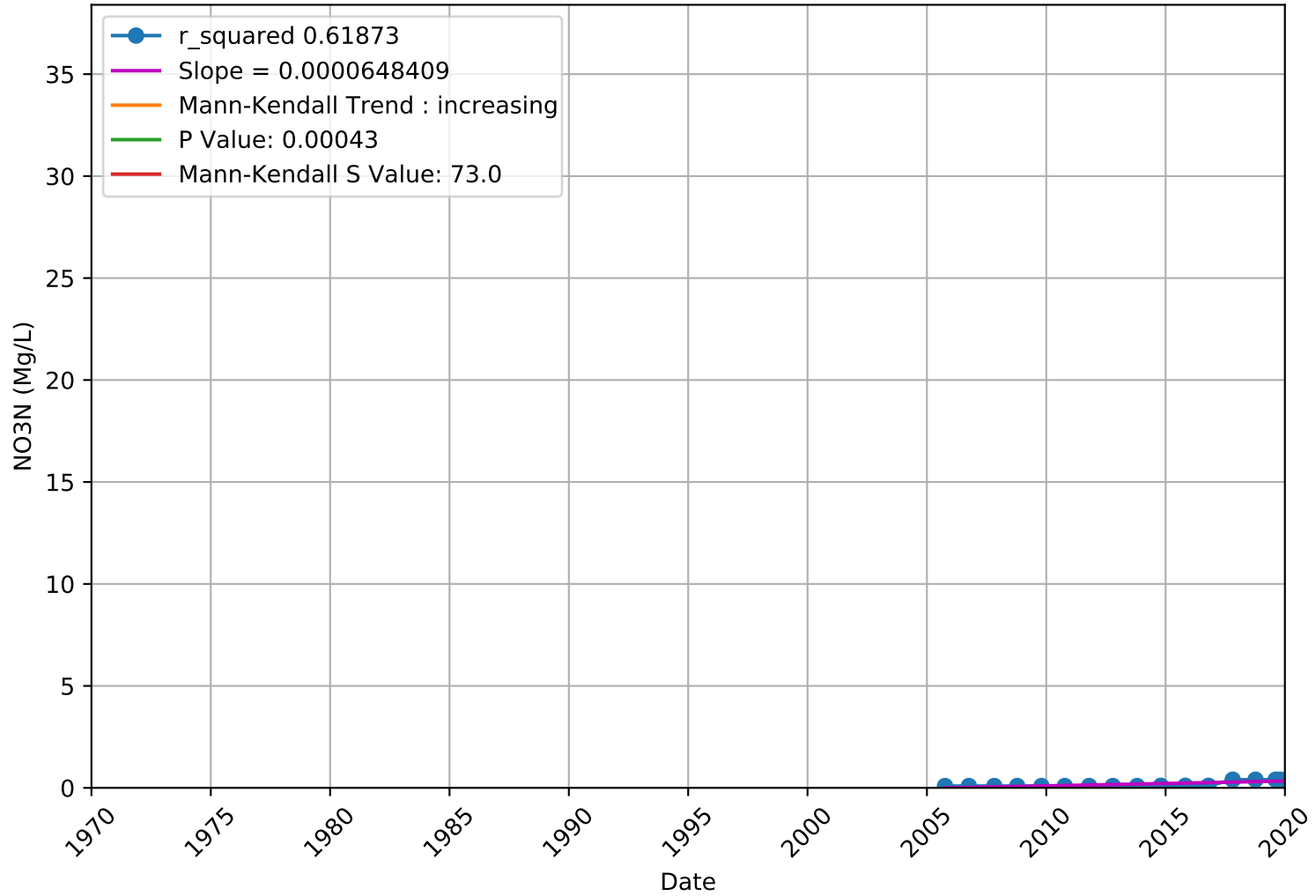
NO3N 3901420-001 - Unknown Aquifer



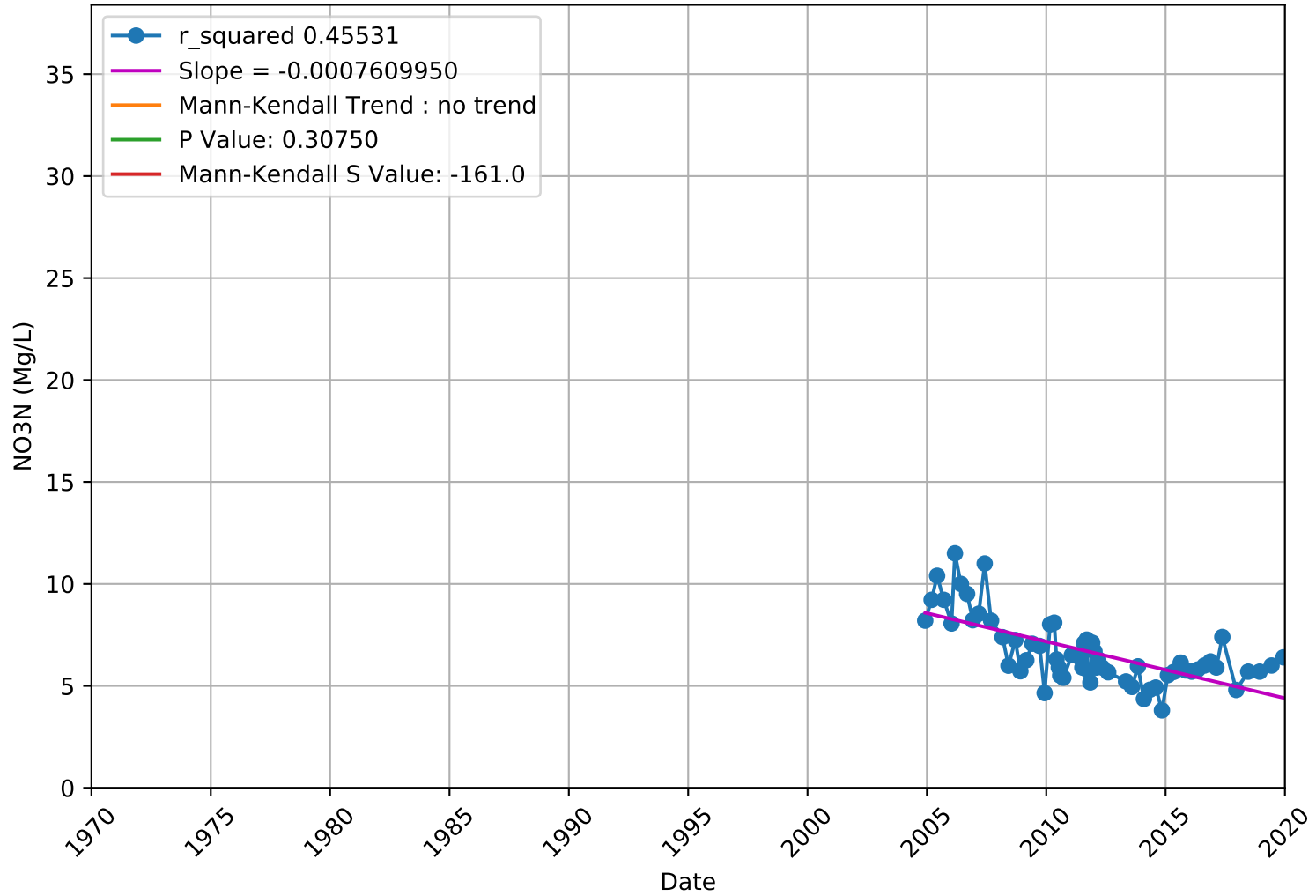
NO3N 3901426-007 - Unknown Aquifer



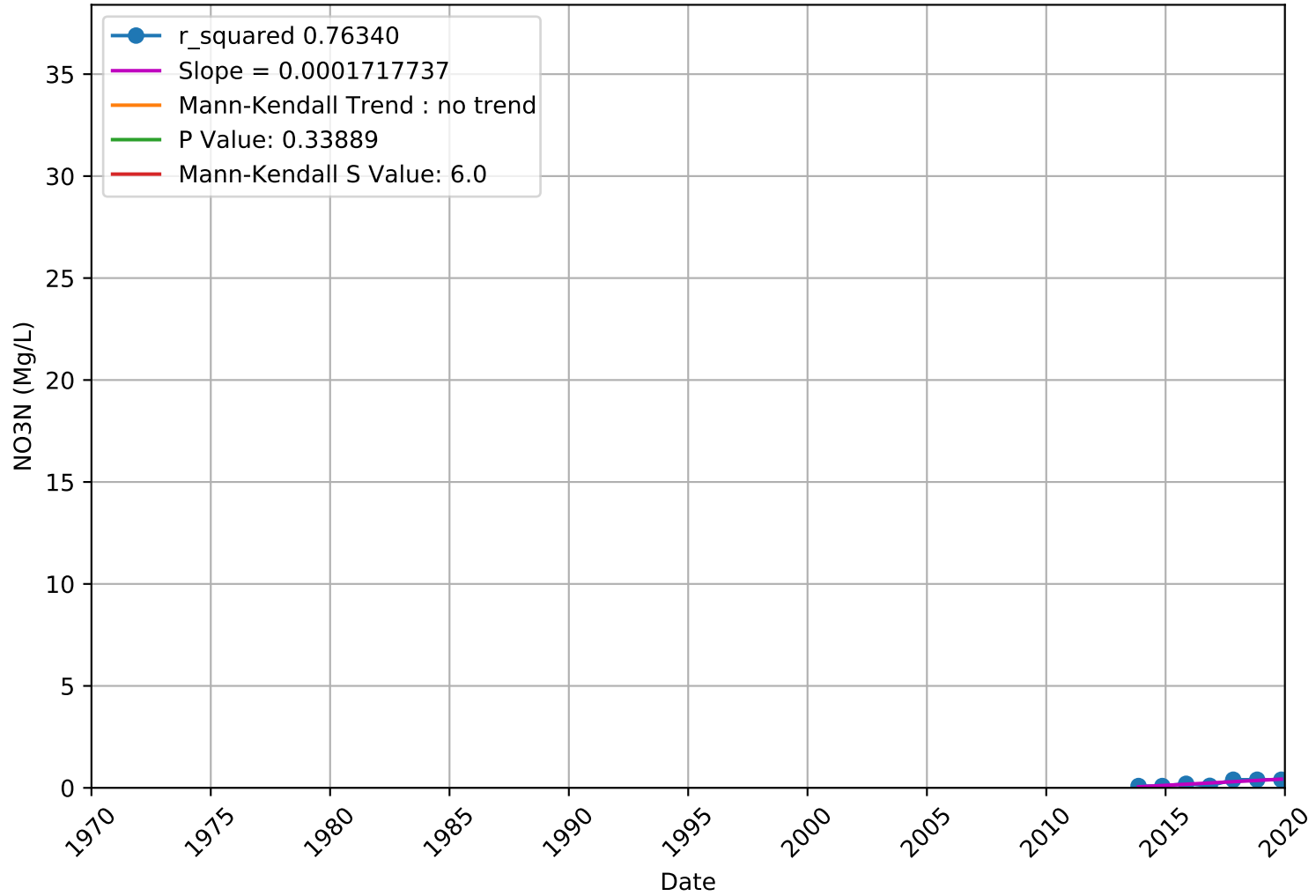
NO3N 3901430-001 - Unknown Aquifer



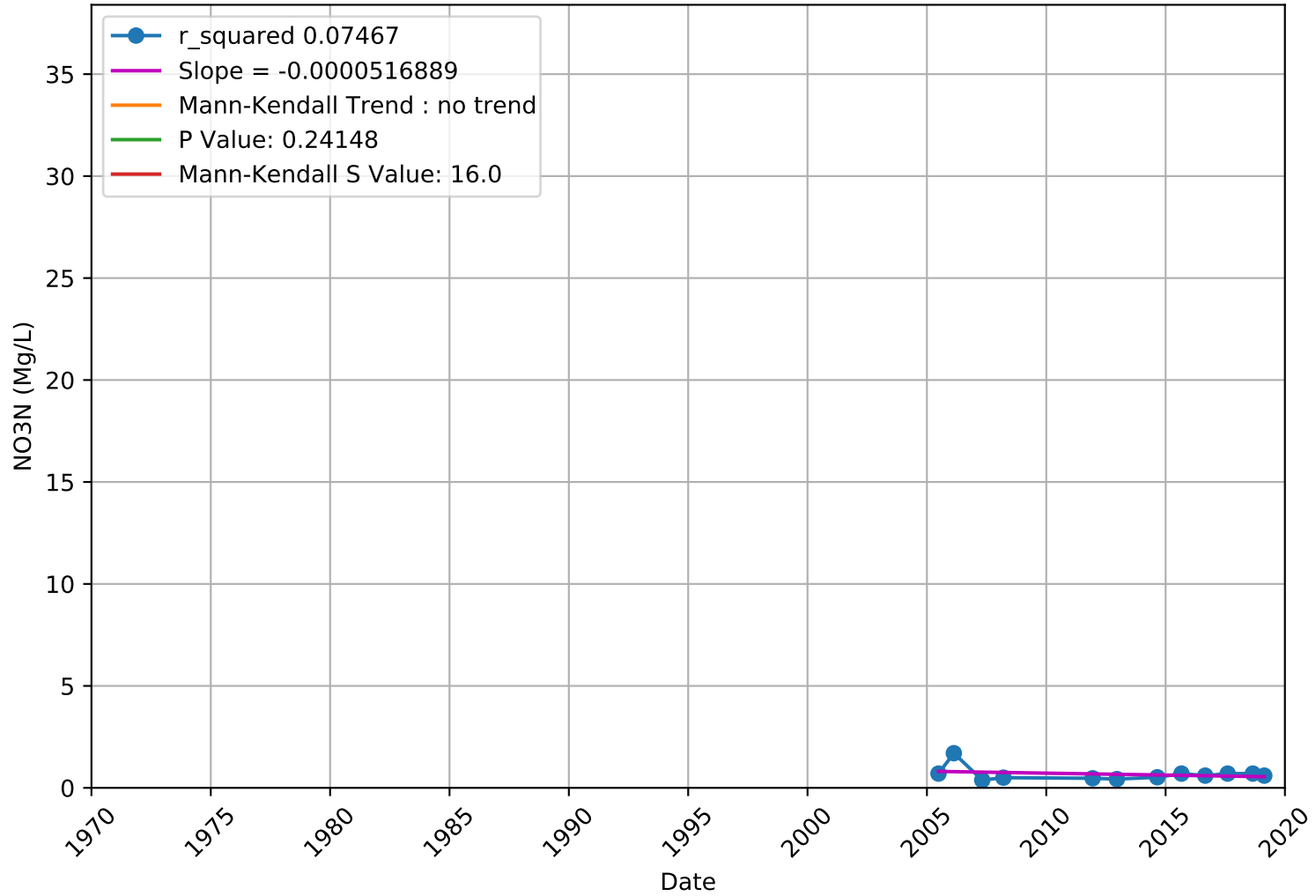
NO3N 3901435-007 - Unknown Aquifer



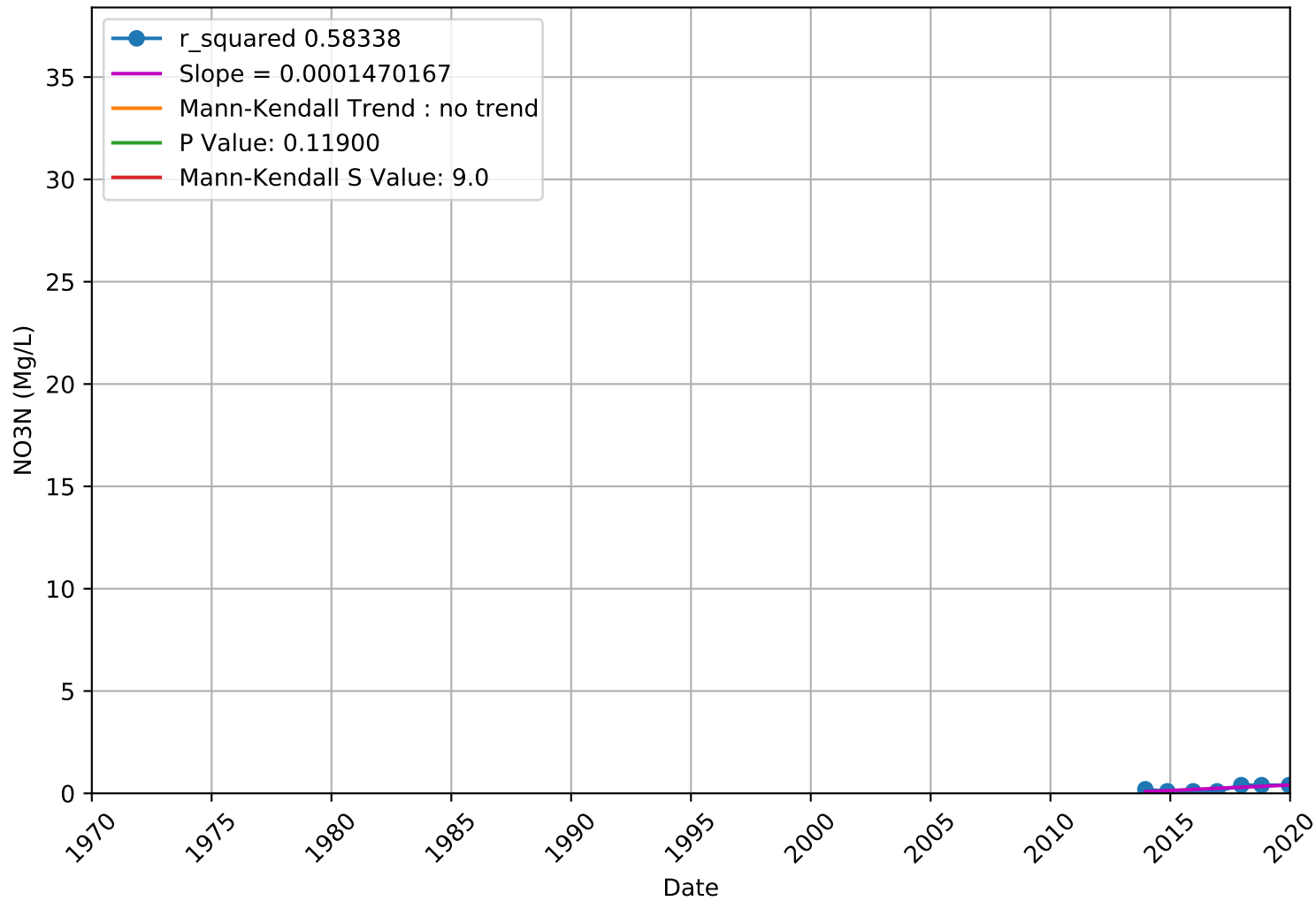
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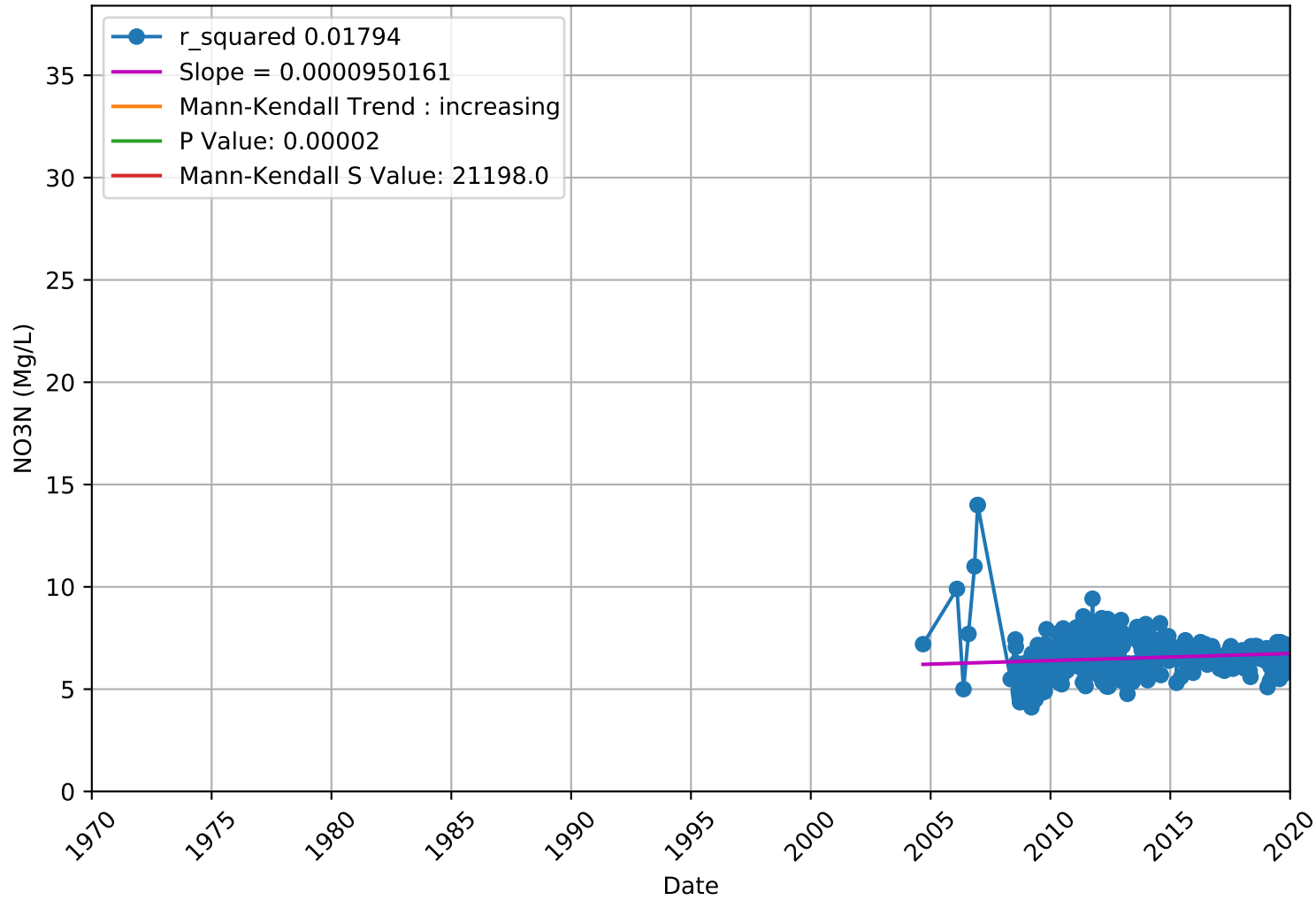
NO3N 3901449-001 - Unknown Aquifer



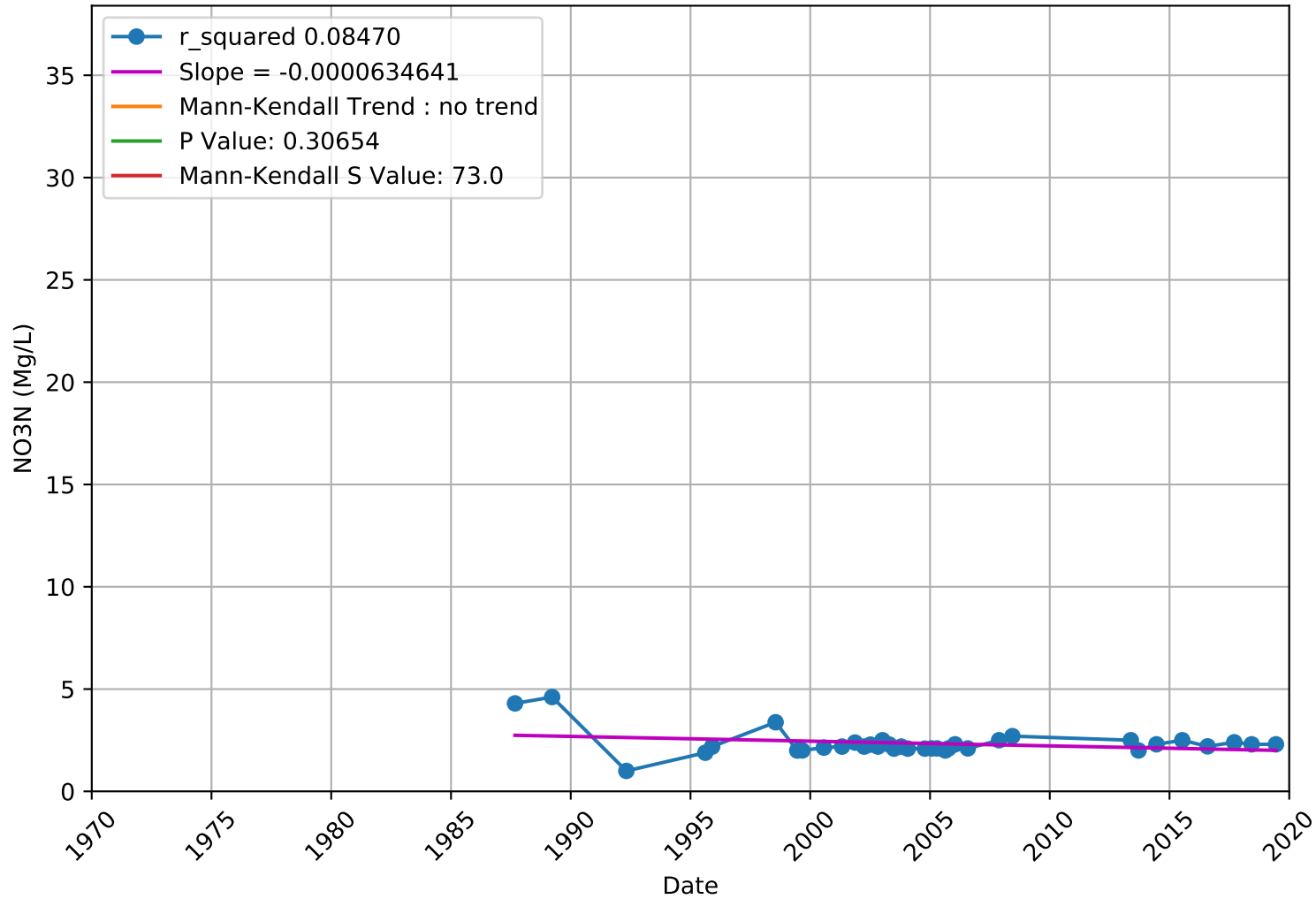
NO3N 3901484-001 - Unknown Aquifer



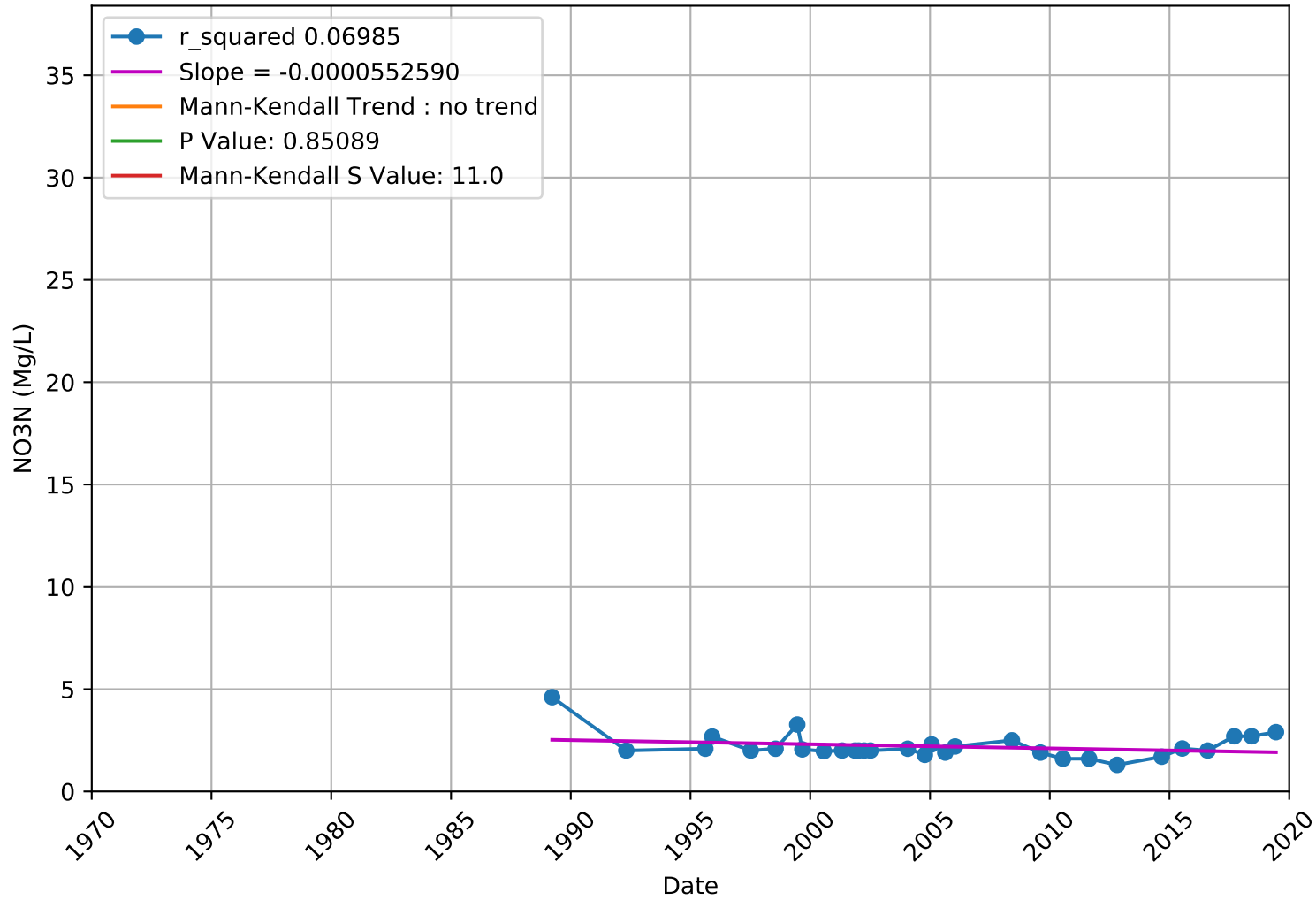
NO3N 3910005-044 - Unknown Aquifer



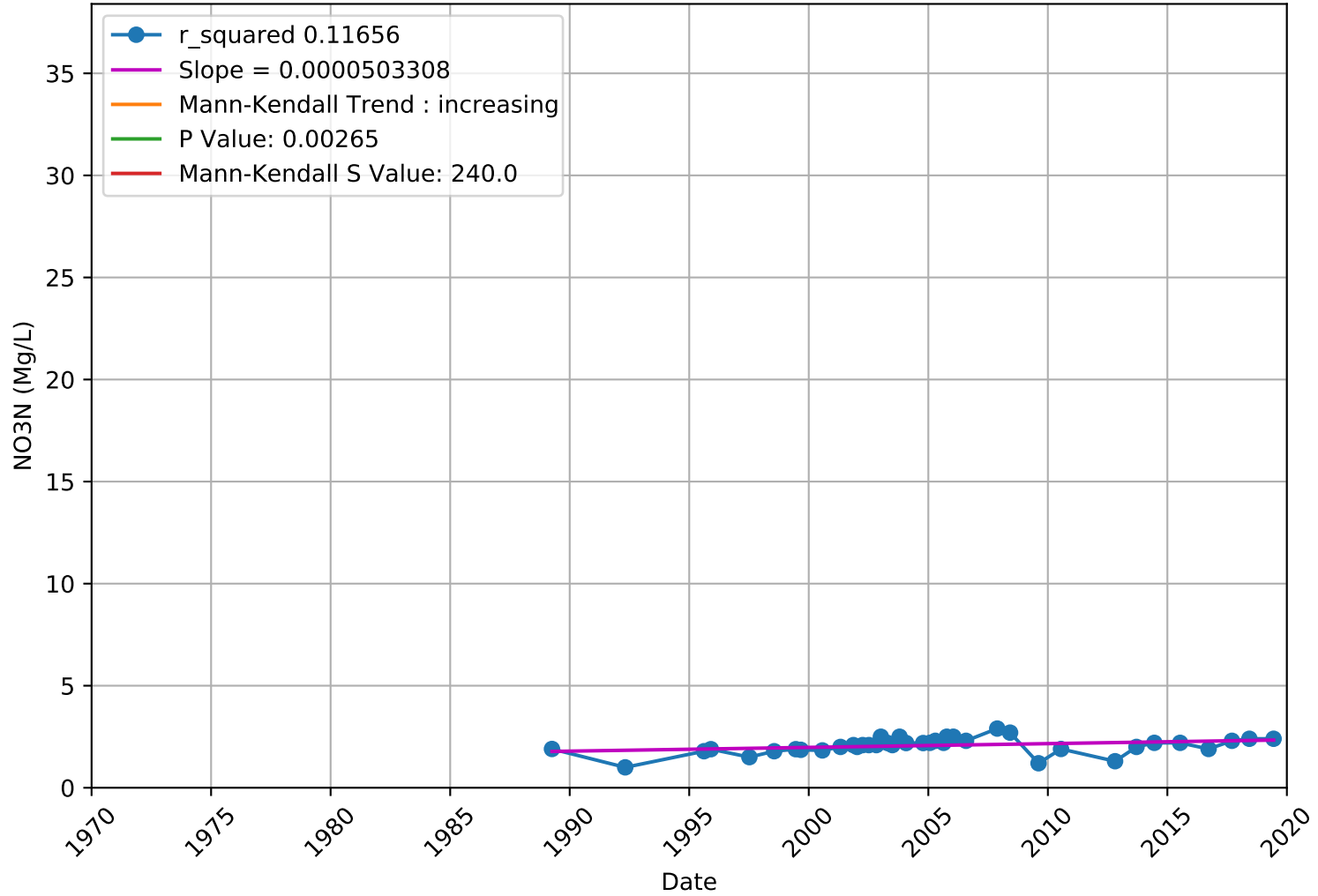
NO3N 3910011-003 - Lower Aquifer



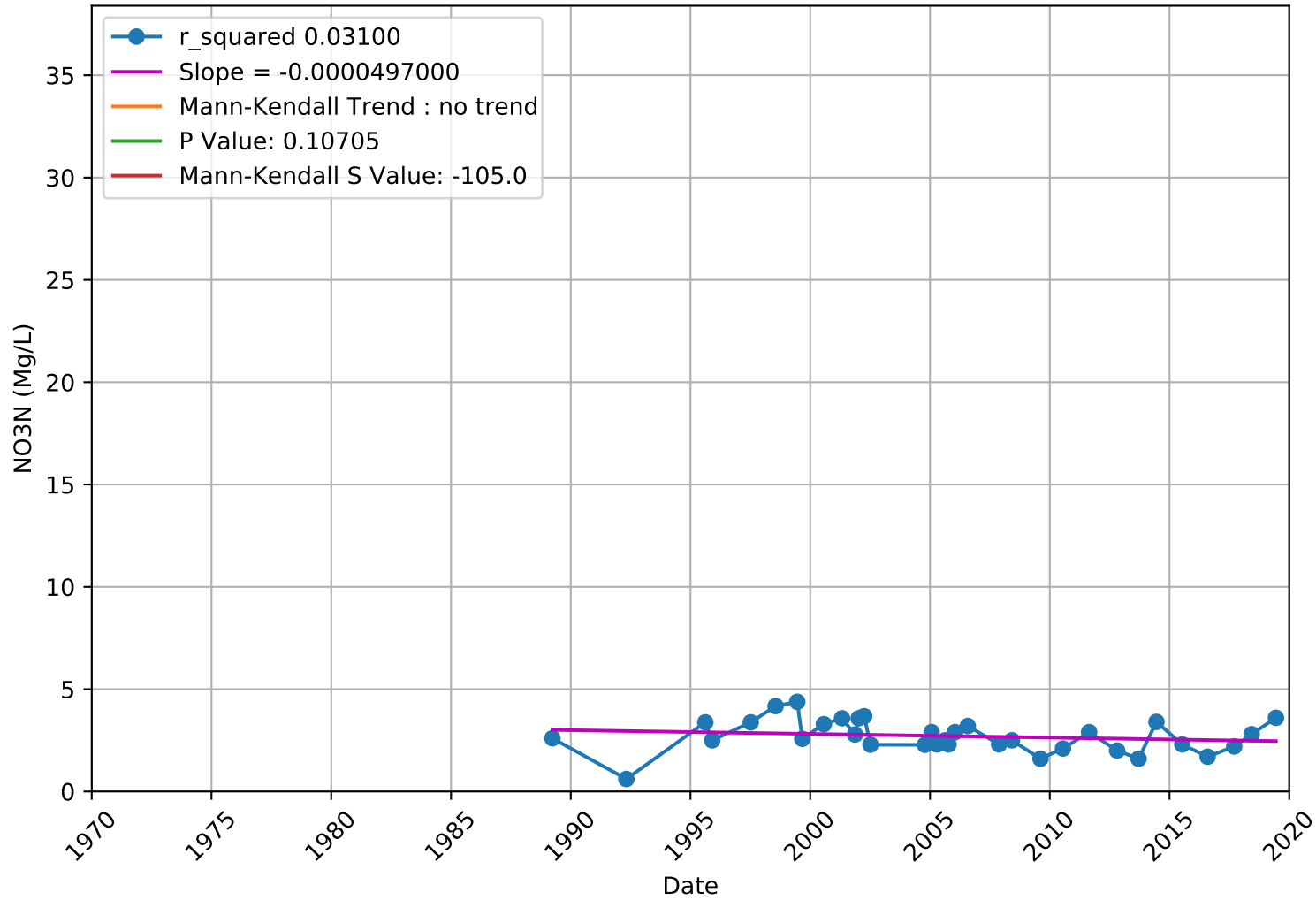
NO3N 3910011-004 - Lower Aquifer



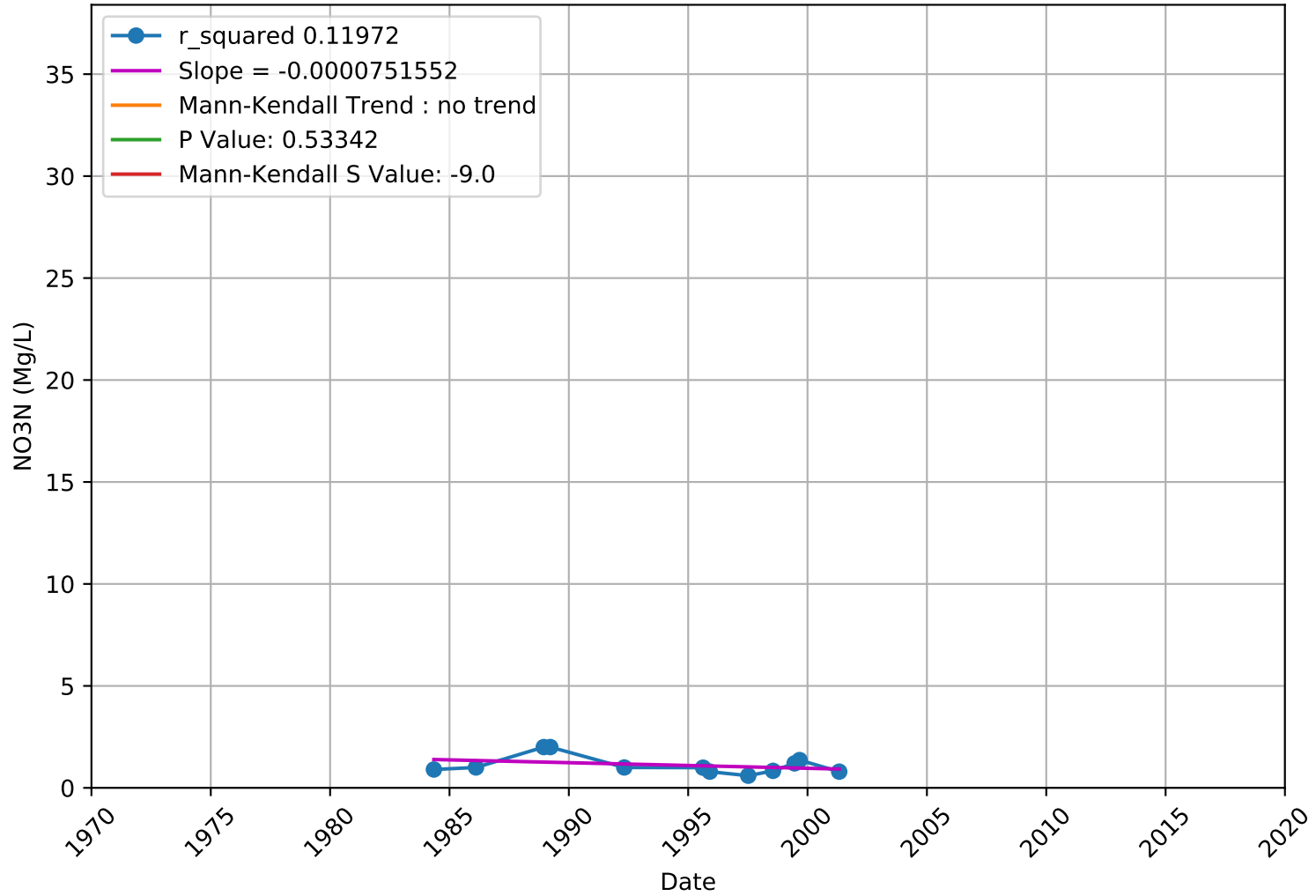
NO3N 3910011-005 - Lower Aquifer



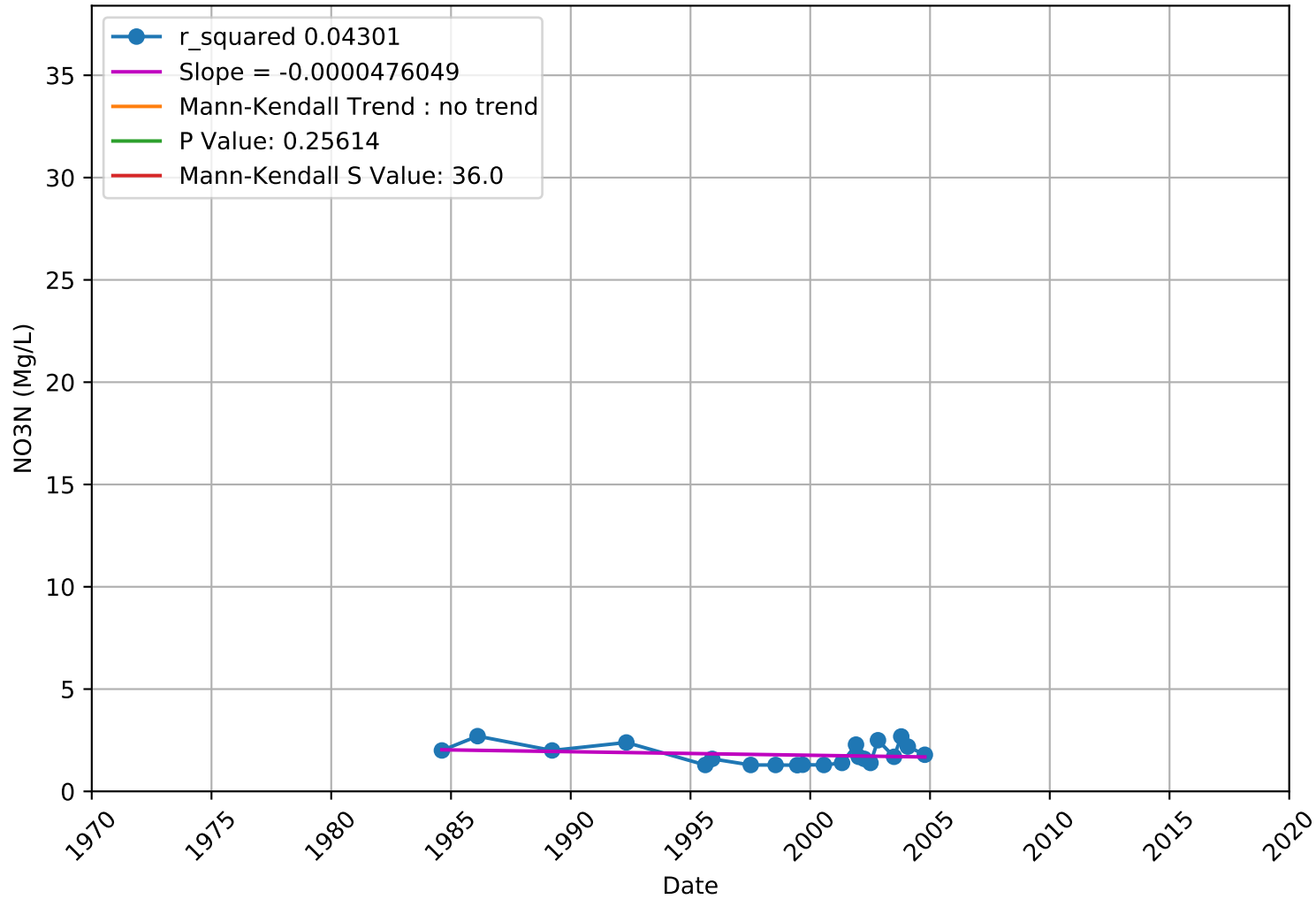
NO3N 3910011-006 - Lower Aquifer



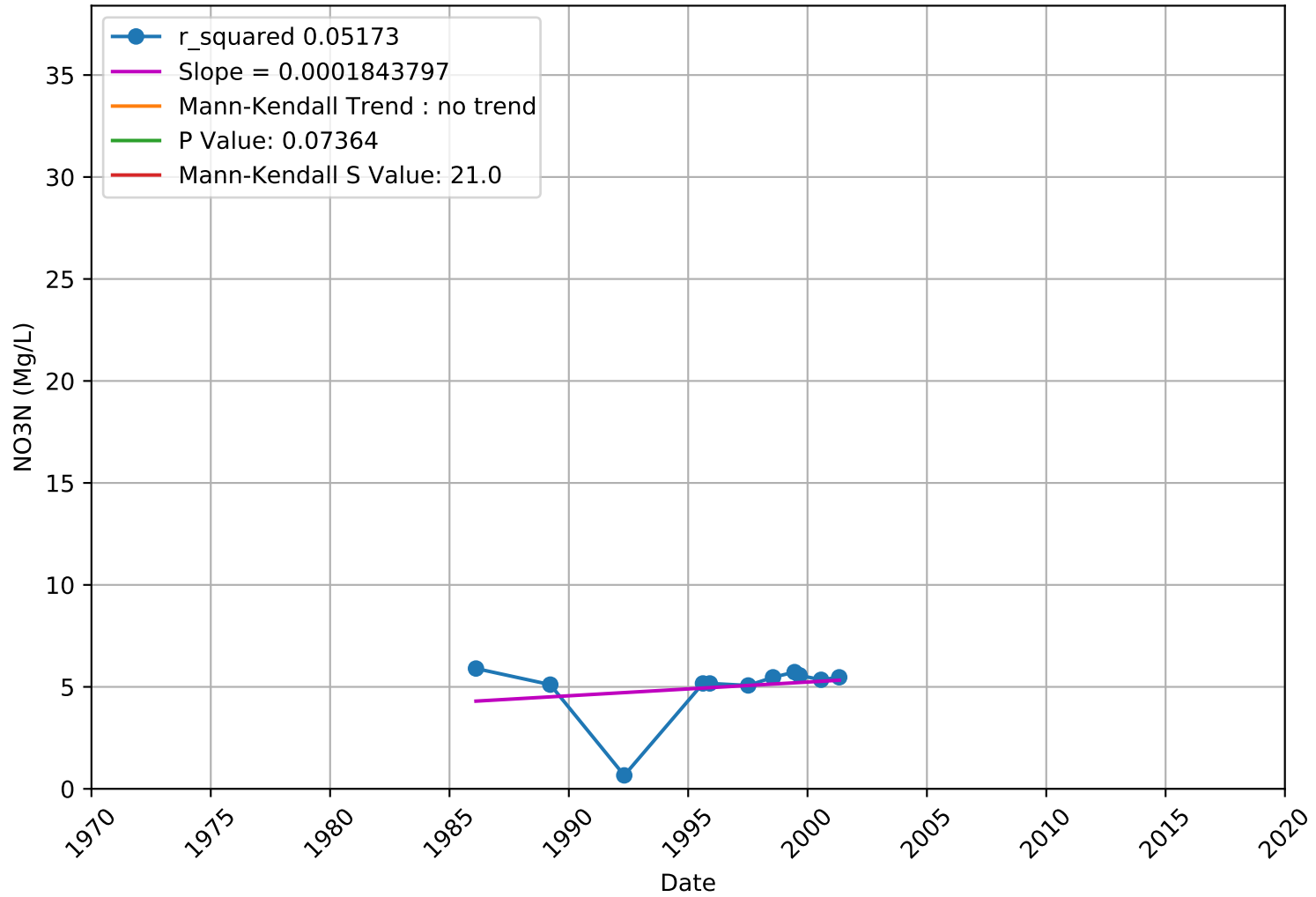
NO3N 3910011-007 - Unknown Aquifer



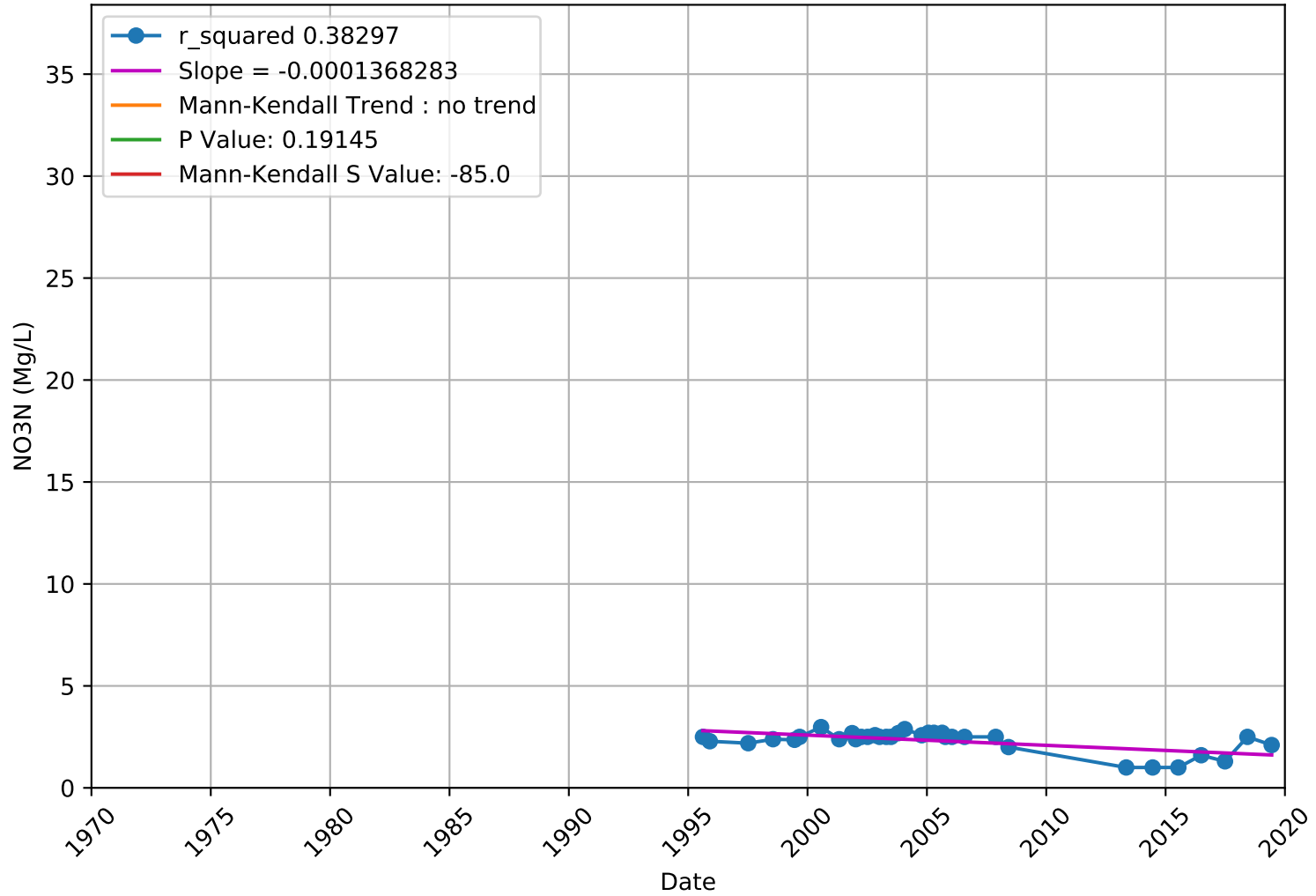
NO3N 3910011-010 - Unknown Aquifer



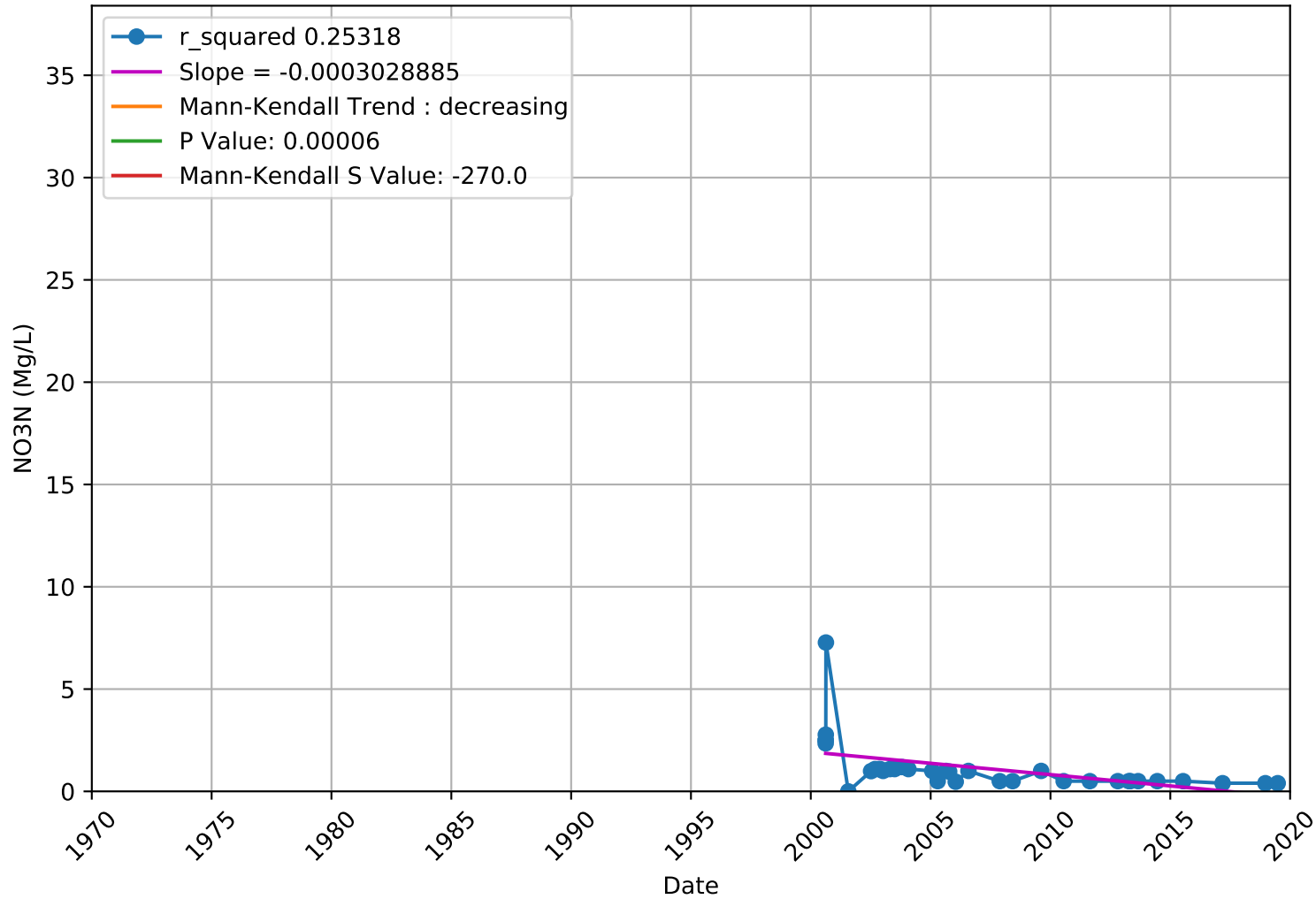
NO3N 3910011-017 - Unknown Aquifer



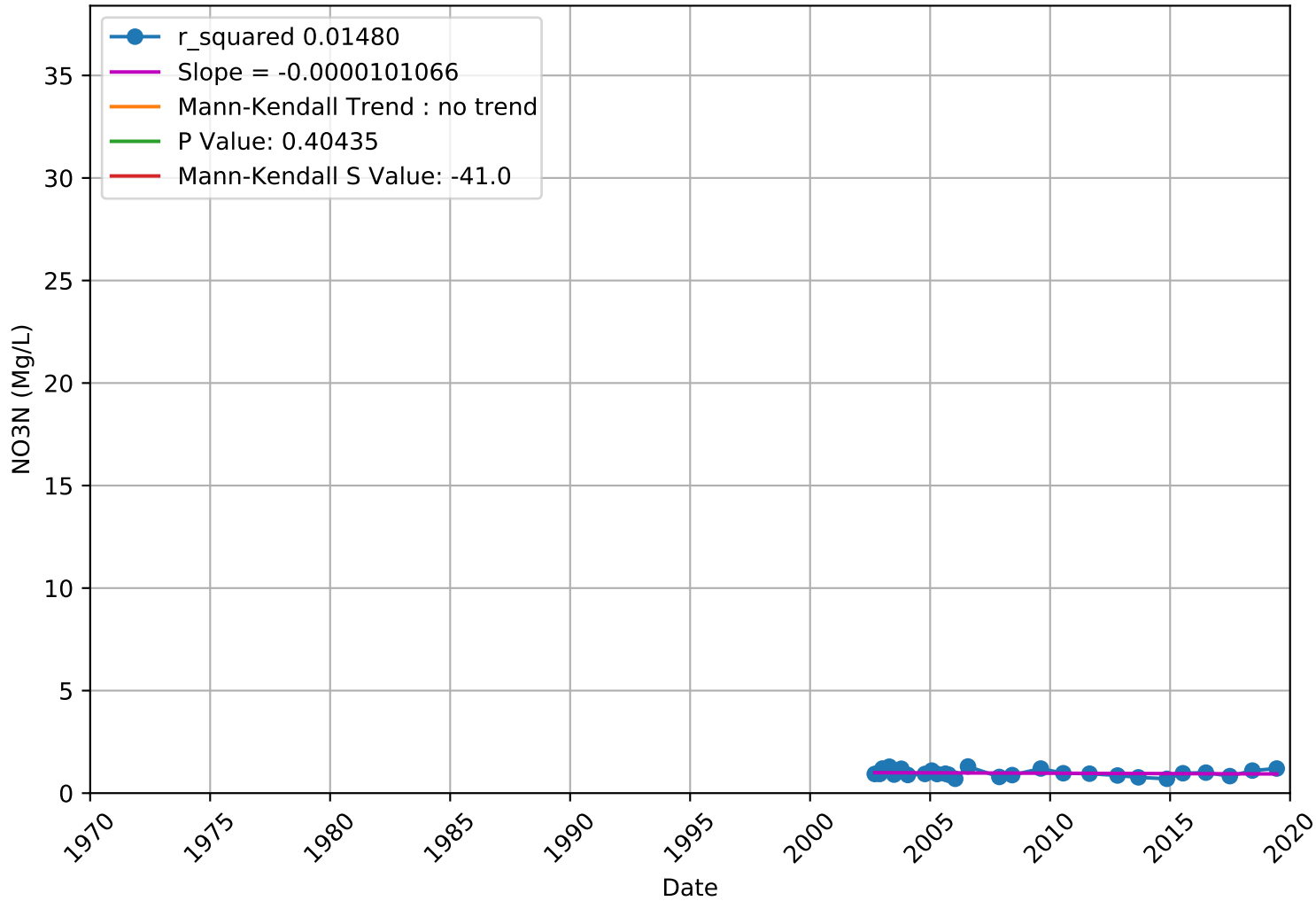
NO3N 3910011-018 - Lower Aquifer



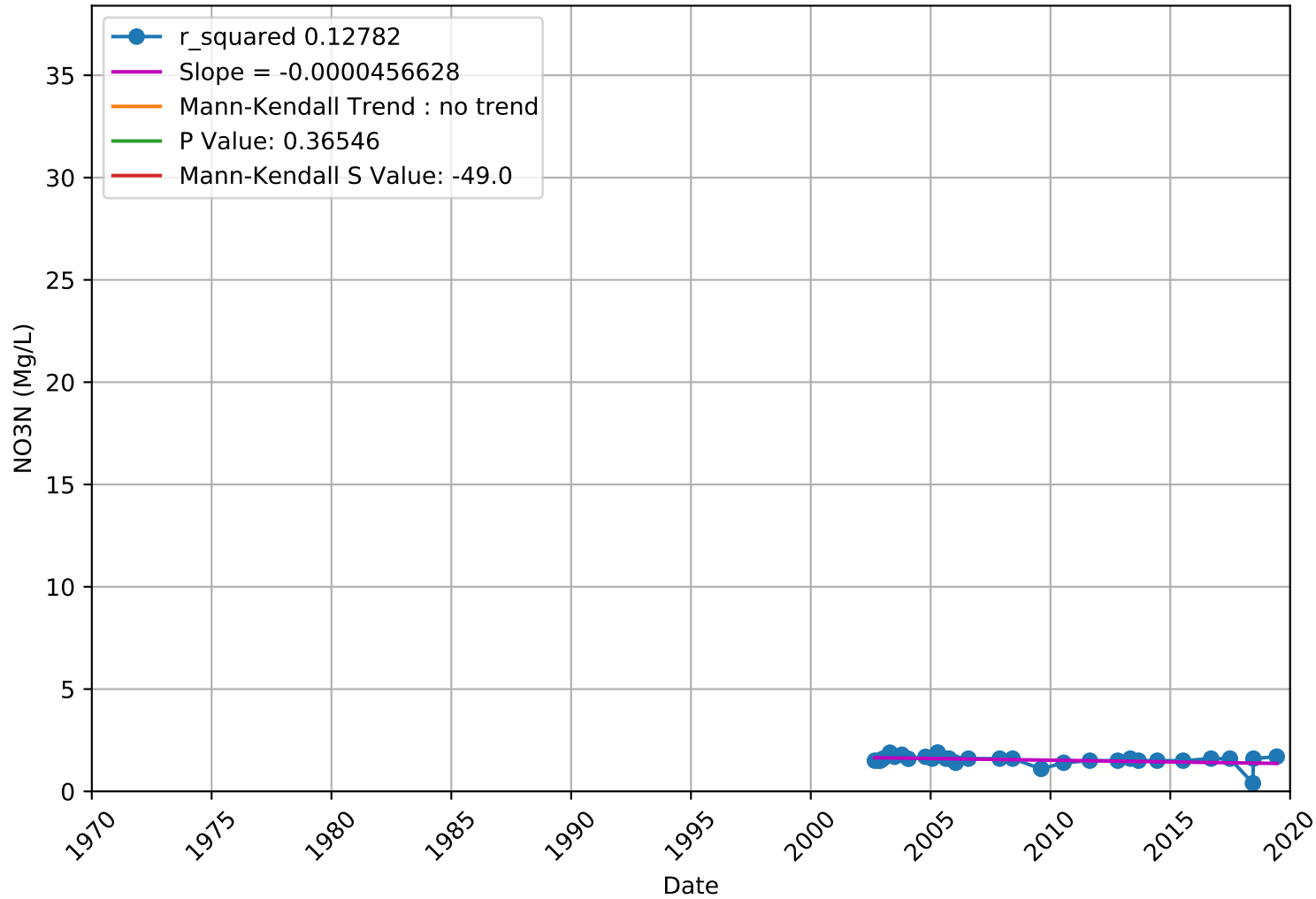
NO3N 3910011-030 - Lower Aquifer



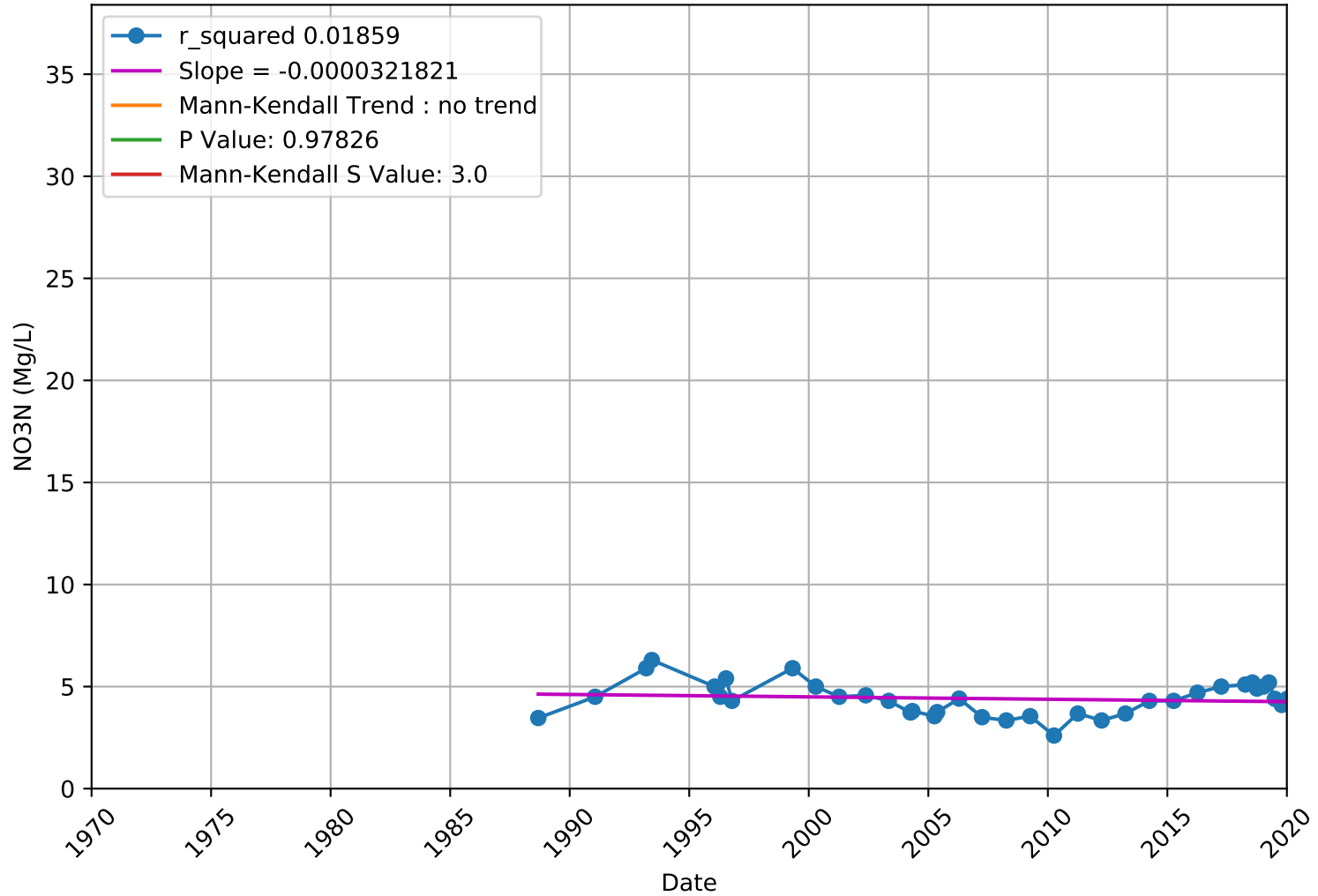
NO3N 3910011-032 - Lower Aquifer



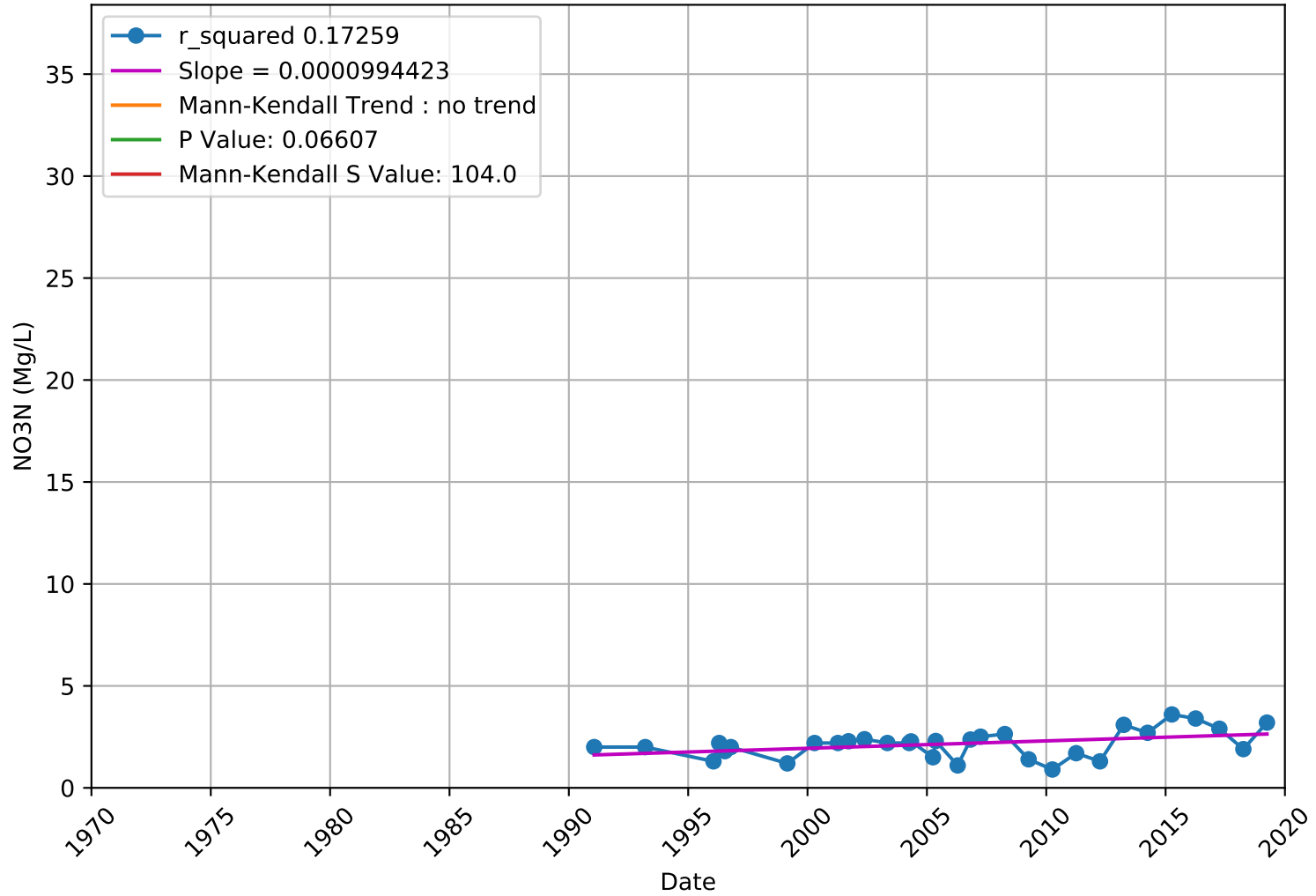
NO3N 3910011-034 - Lower Aquifer



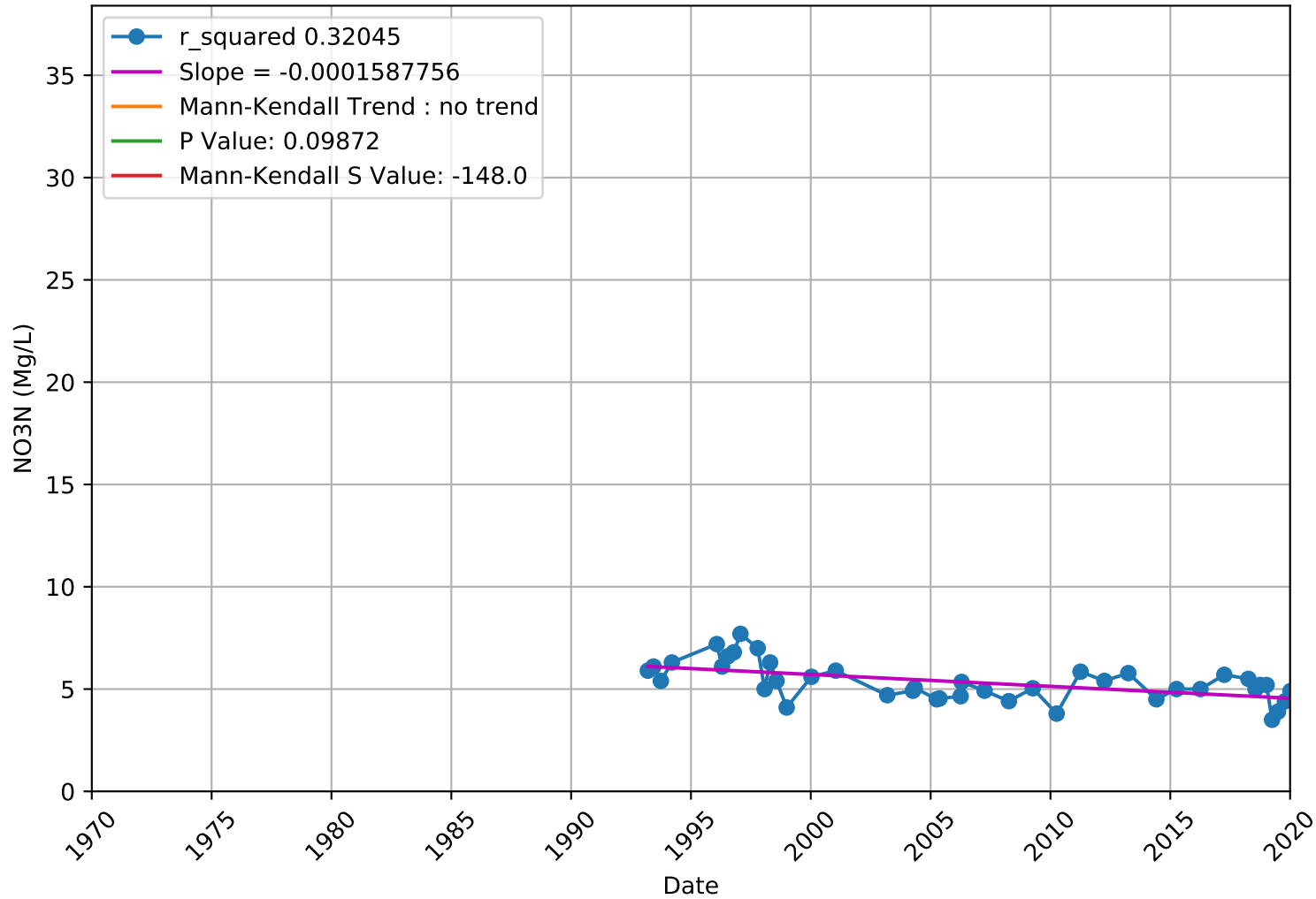
NO3N 3910015-005 - Upper Aquifer



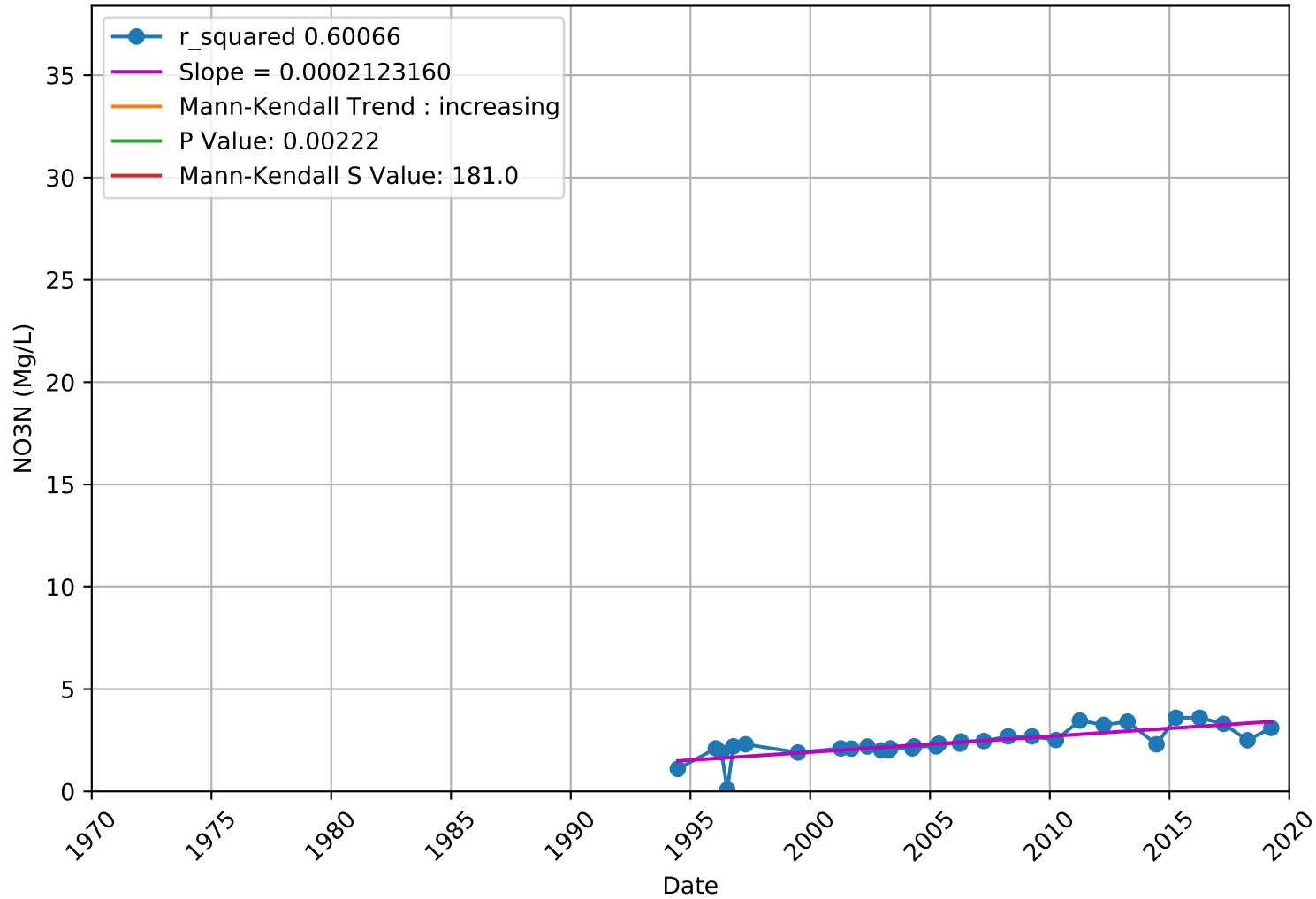
NO3N 3910015-006 - Upper Aquifer



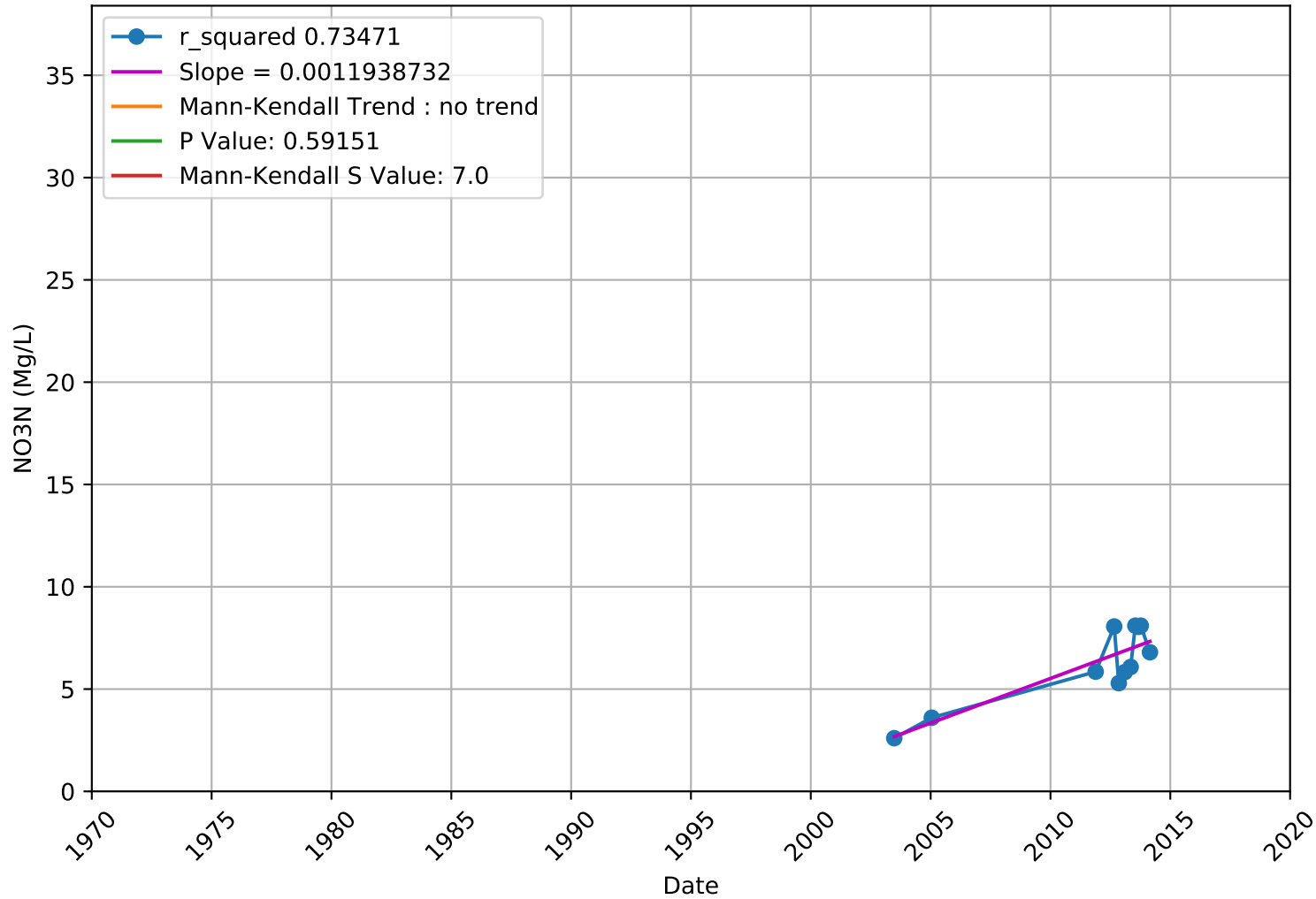
NO3N 3910015-007 - Upper Aquifer



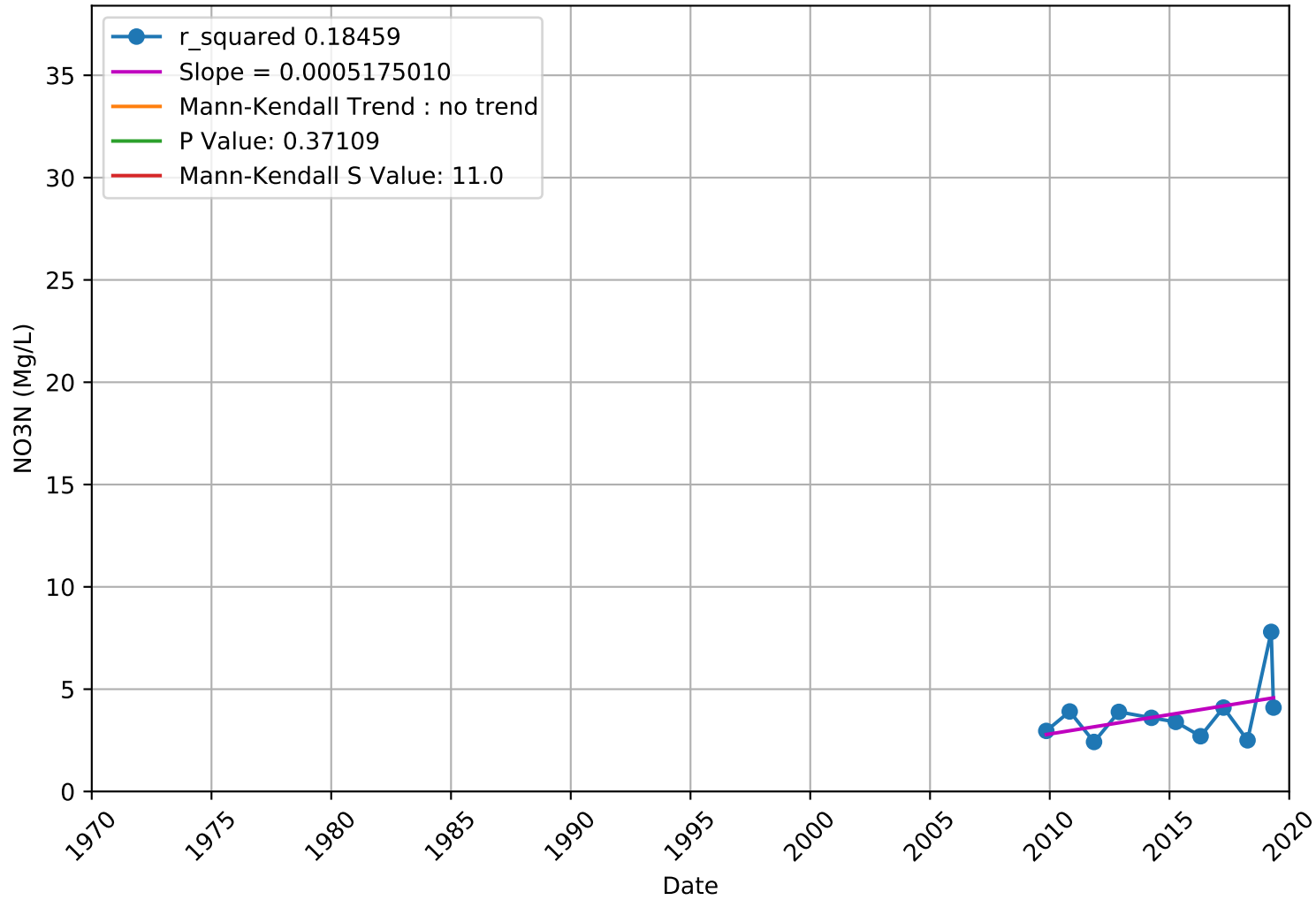
NO3N 3910015-008 - Upper Aquifer



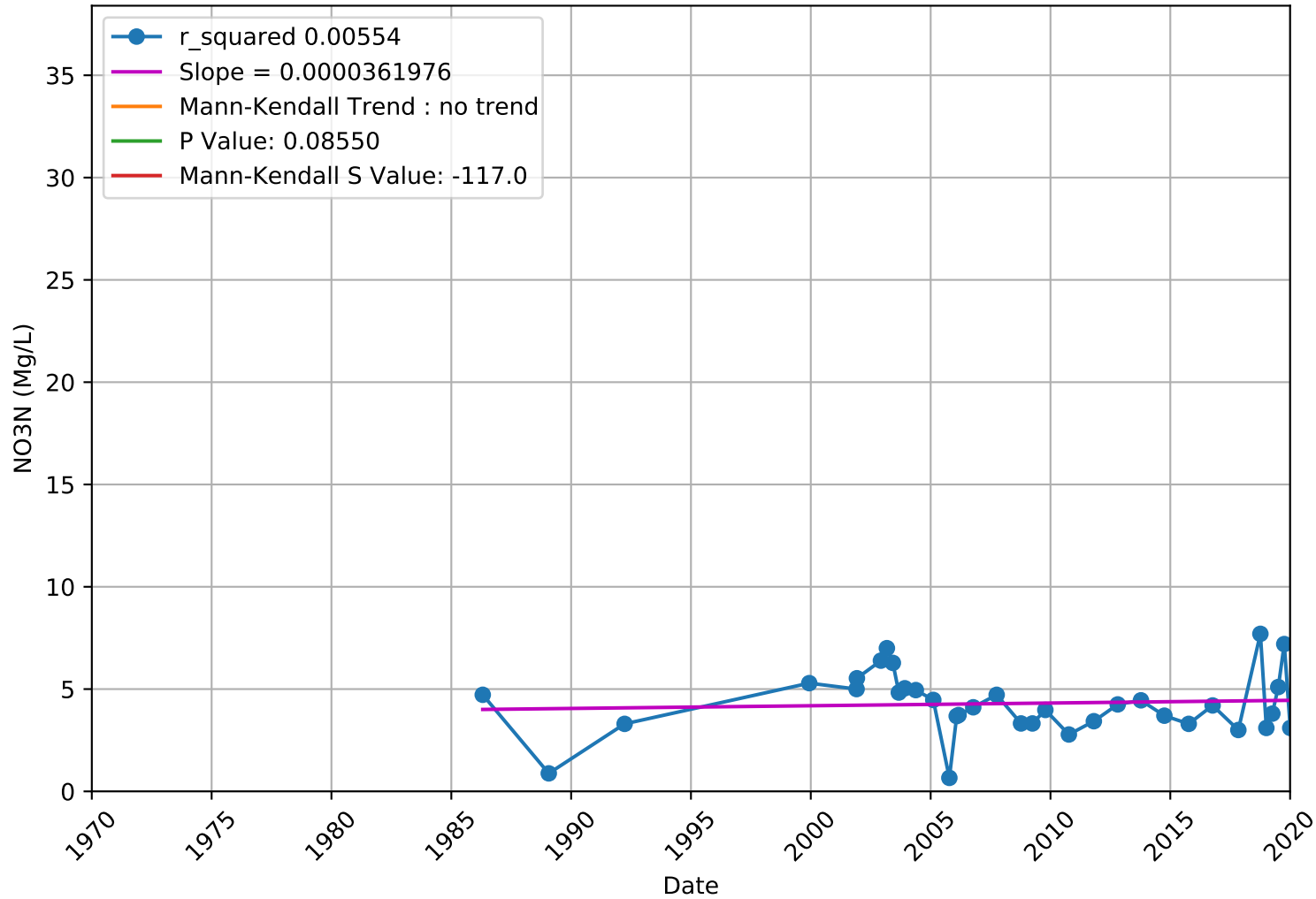
NO3N 3910015-013 - Unknown Aquifer



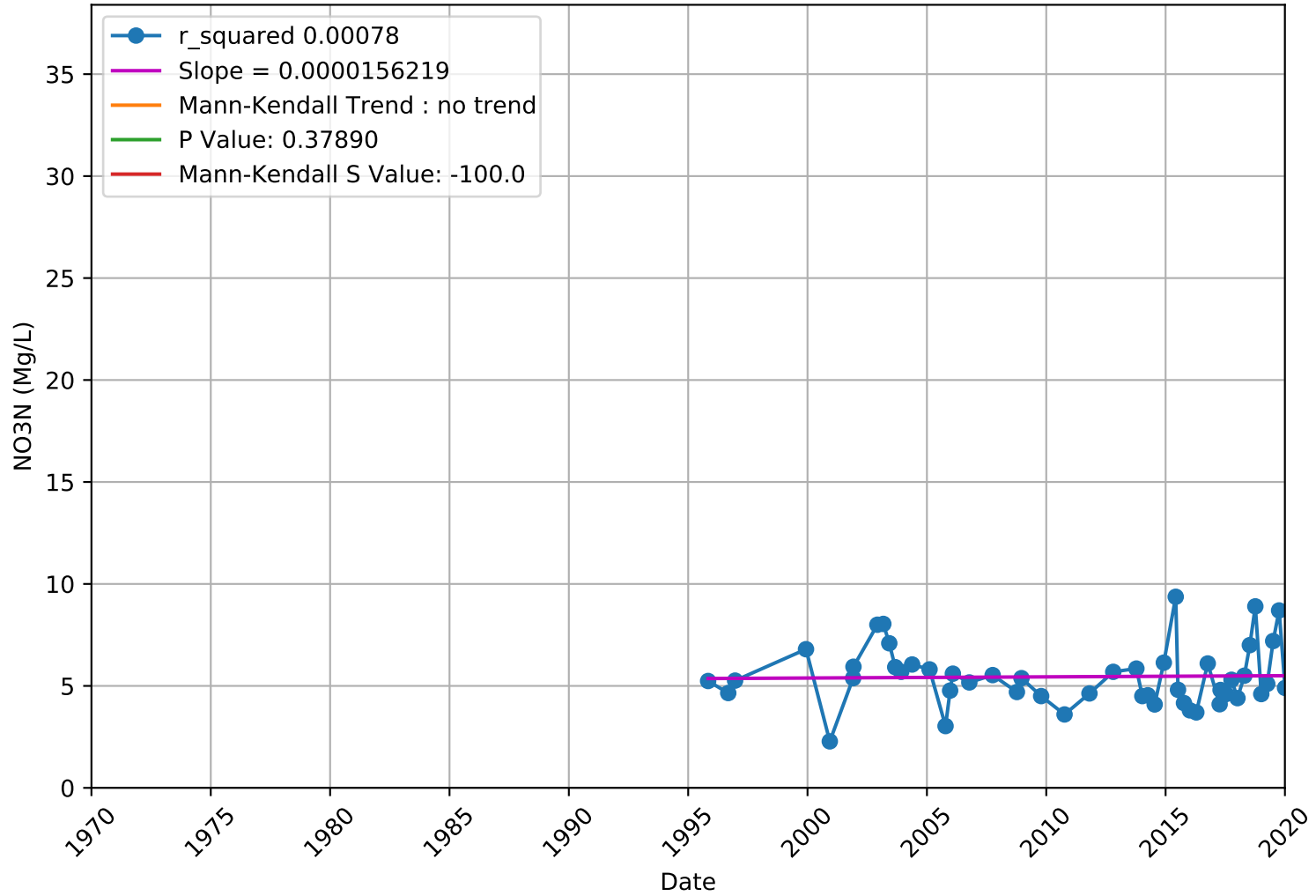
NO3N 3910015-016 - Upper Aquifer



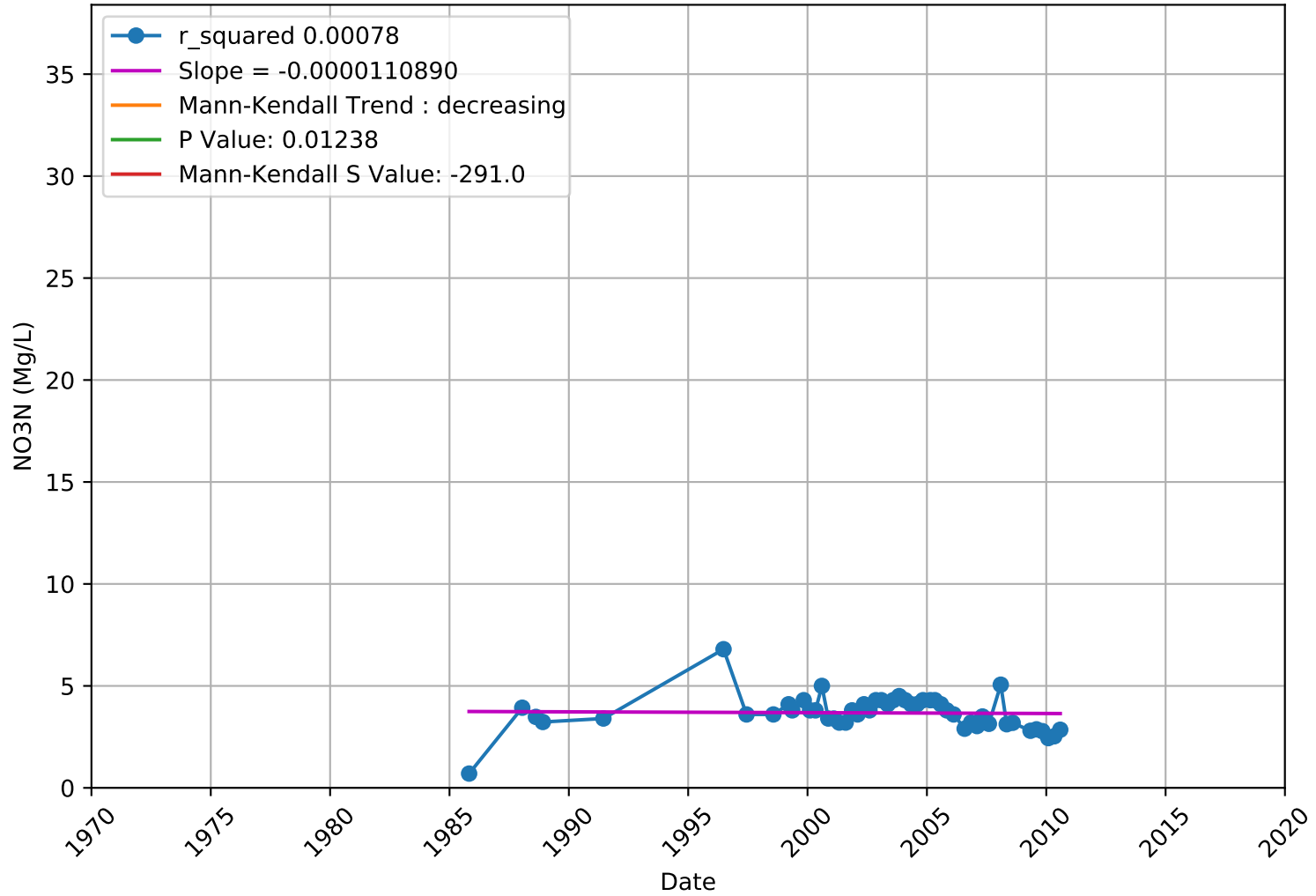
NO3N 3910018-001 - Unknown Aquifer



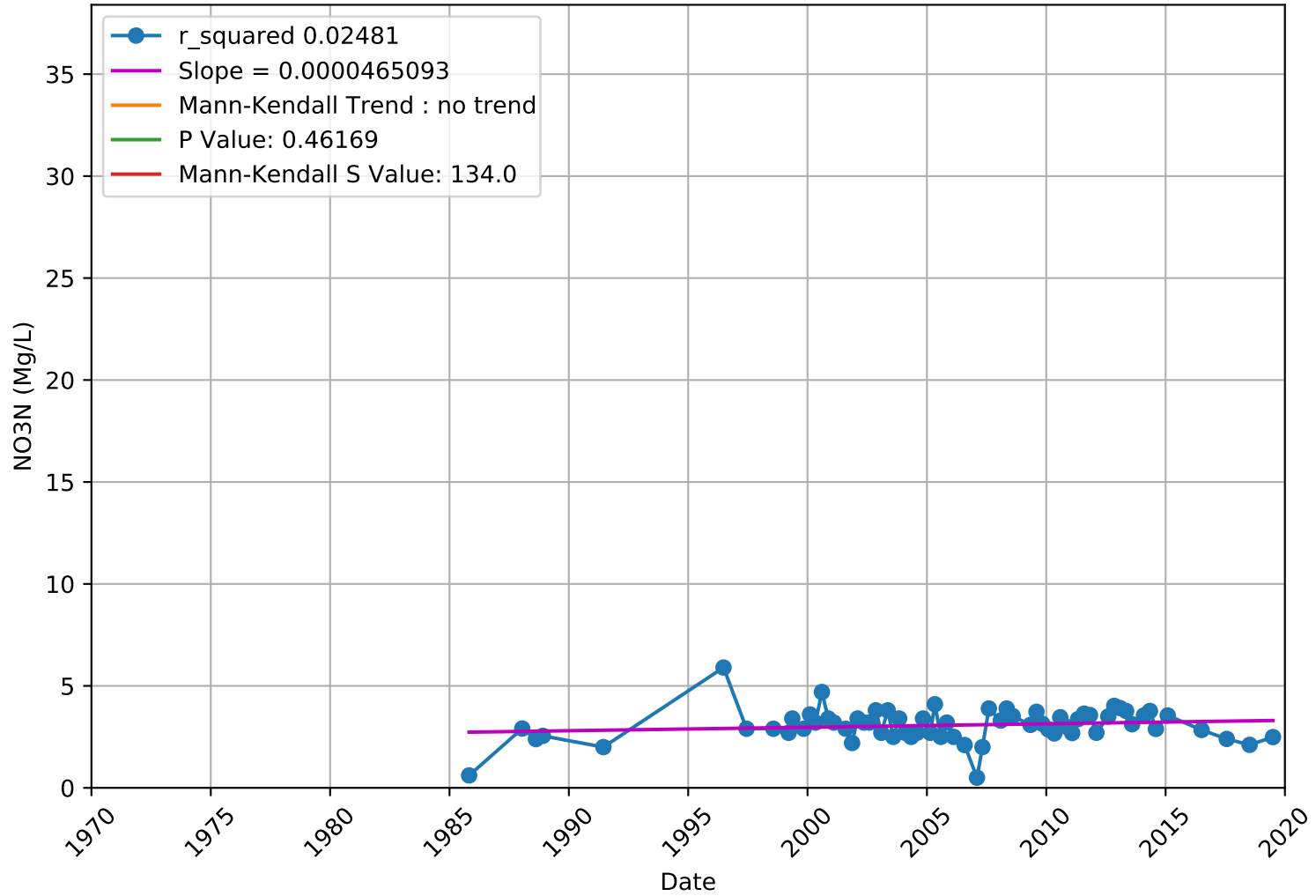
NO3N 3910018-004 - Unknown Aquifer



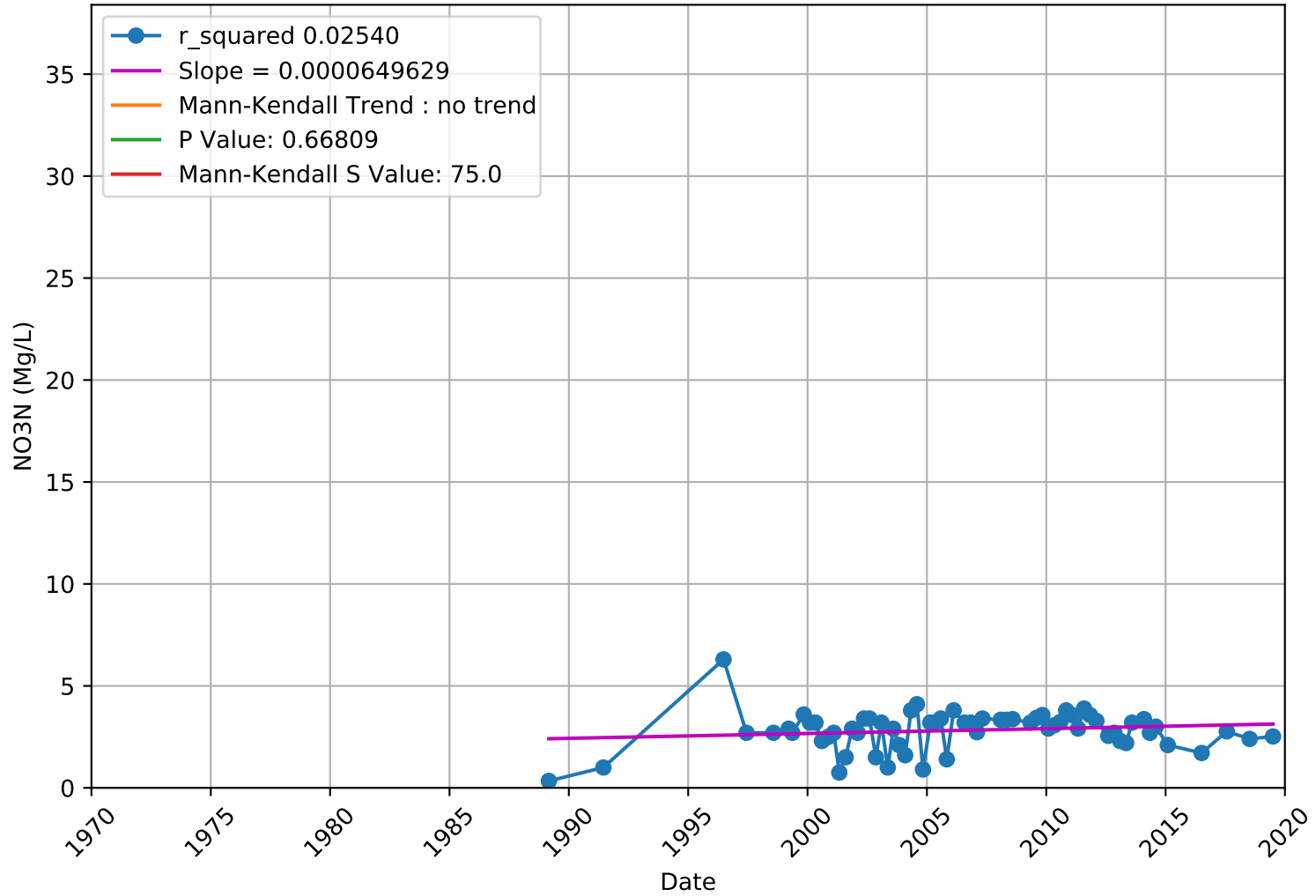
NO3N 3910701-001 - Unknown Aquifer



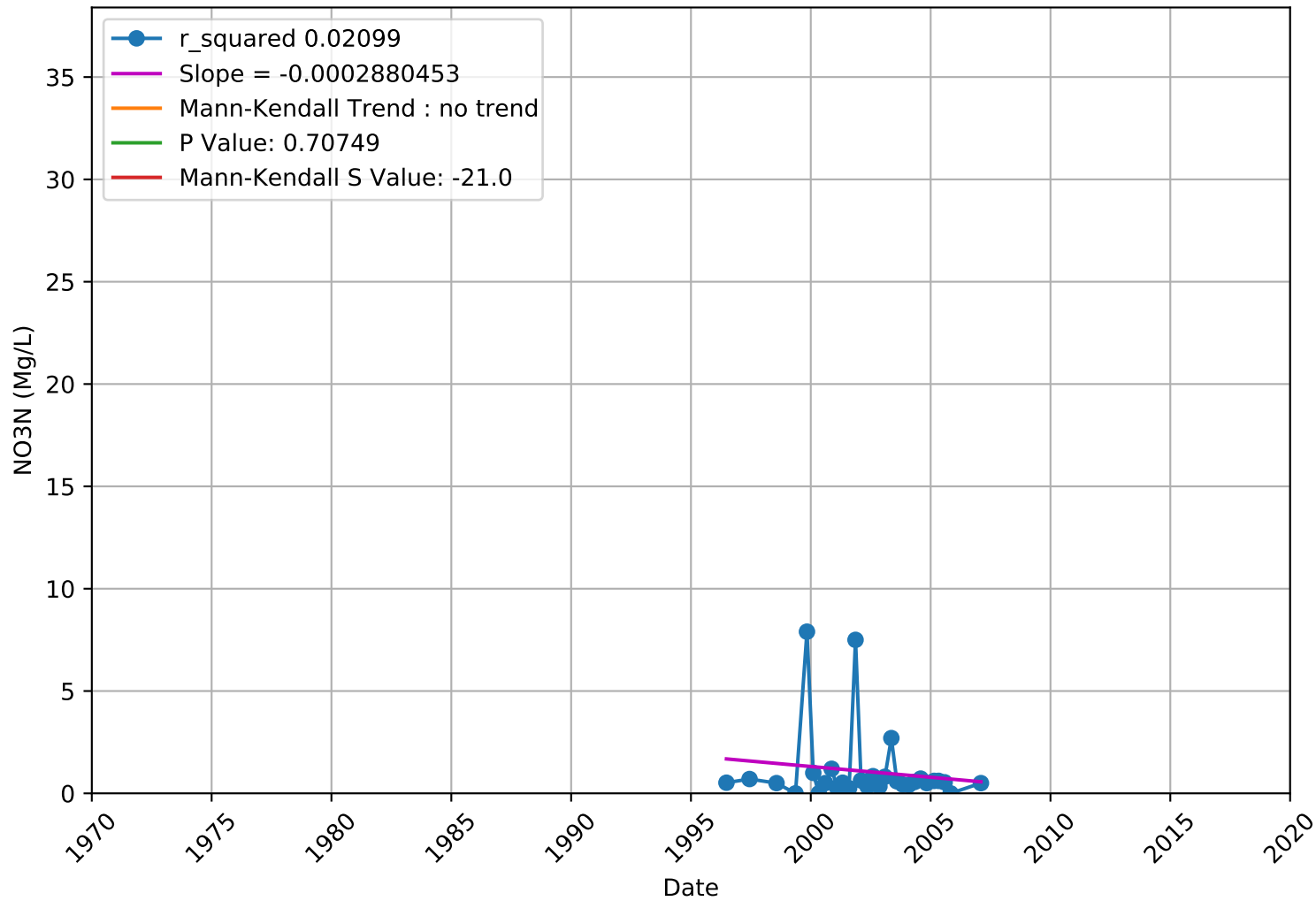
NO3N 3910701-003 - Unknown Aquifer



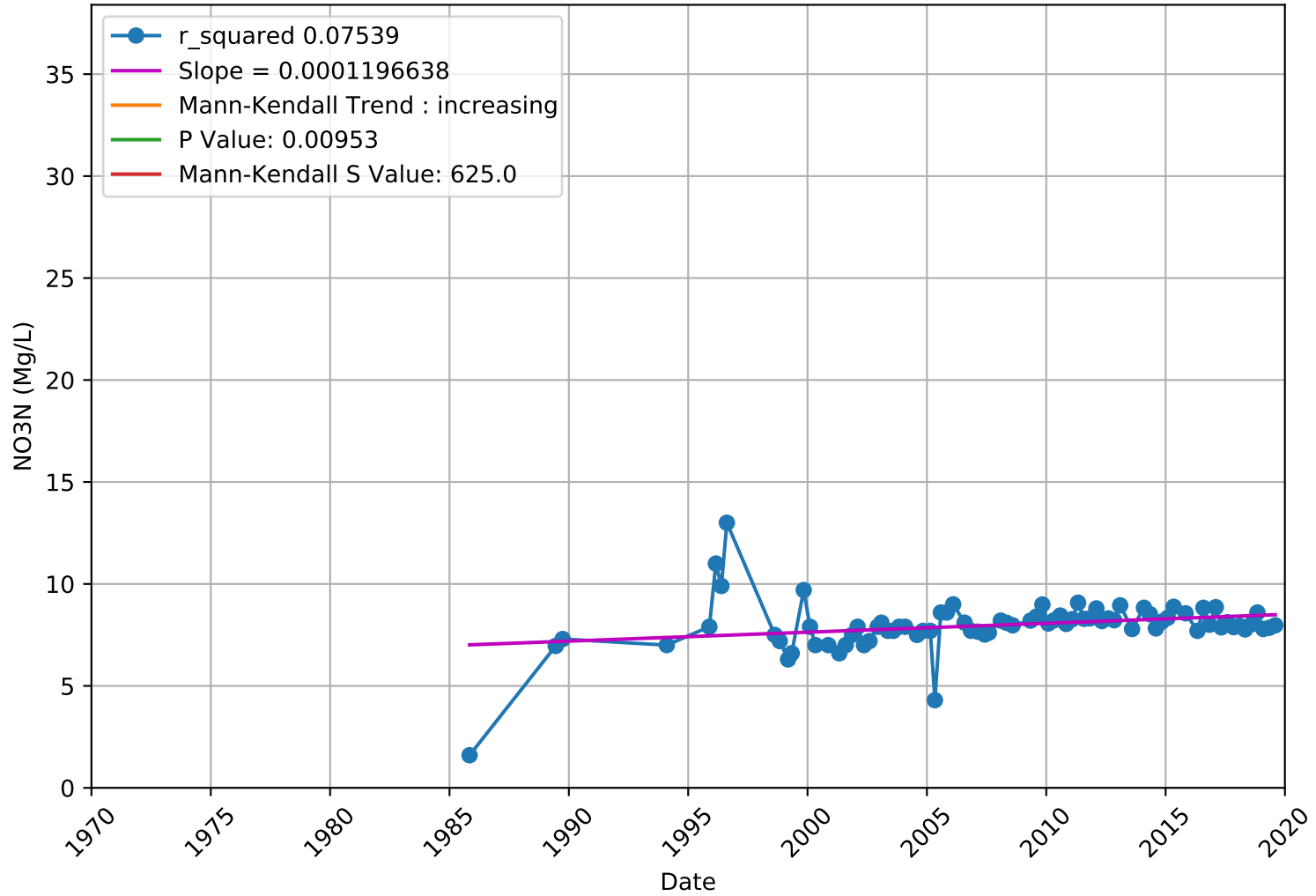
NO3N 3910701-005 - Unknown Aquifer



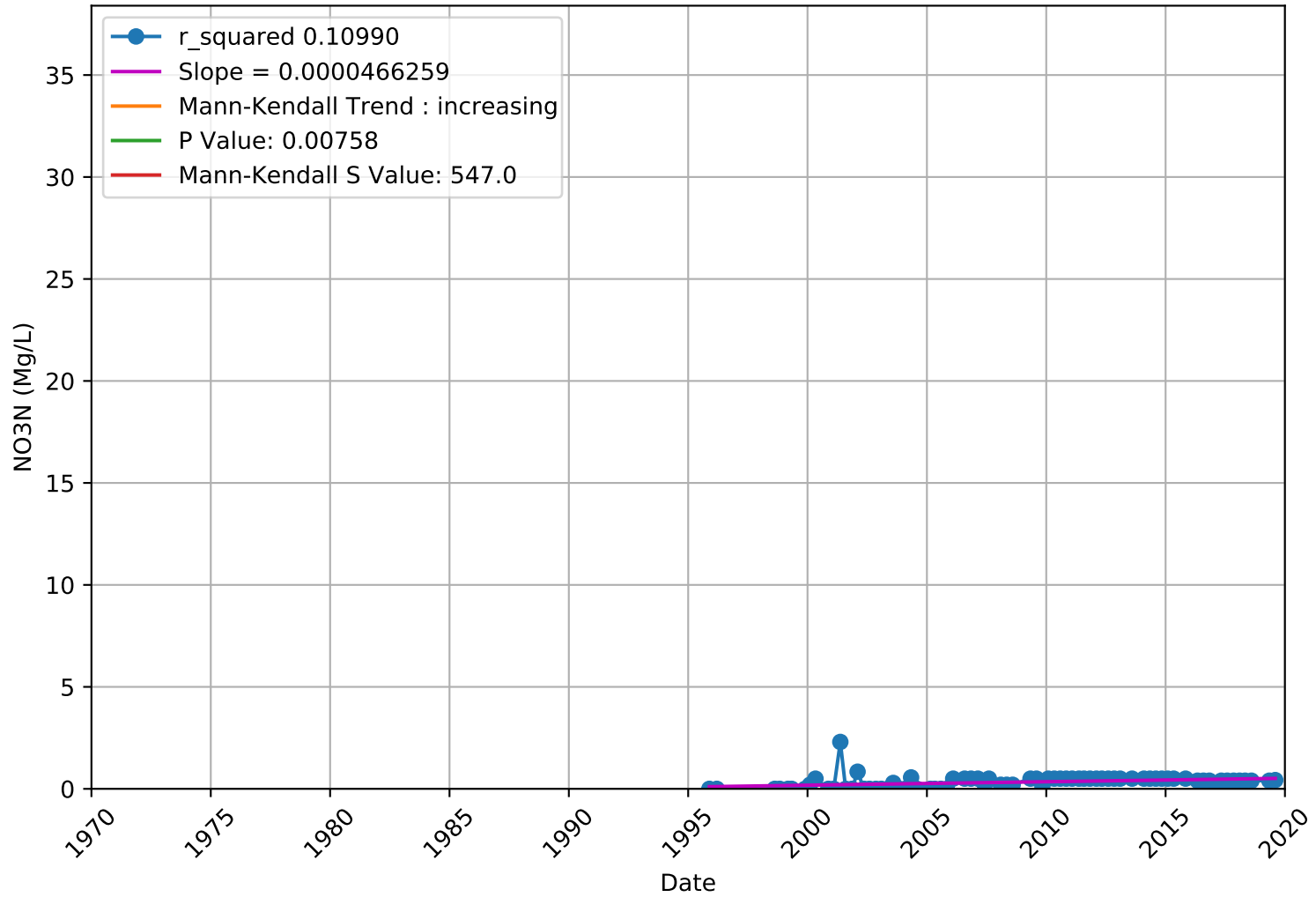
NO3N 3910701-007 - Unknown Aquifer



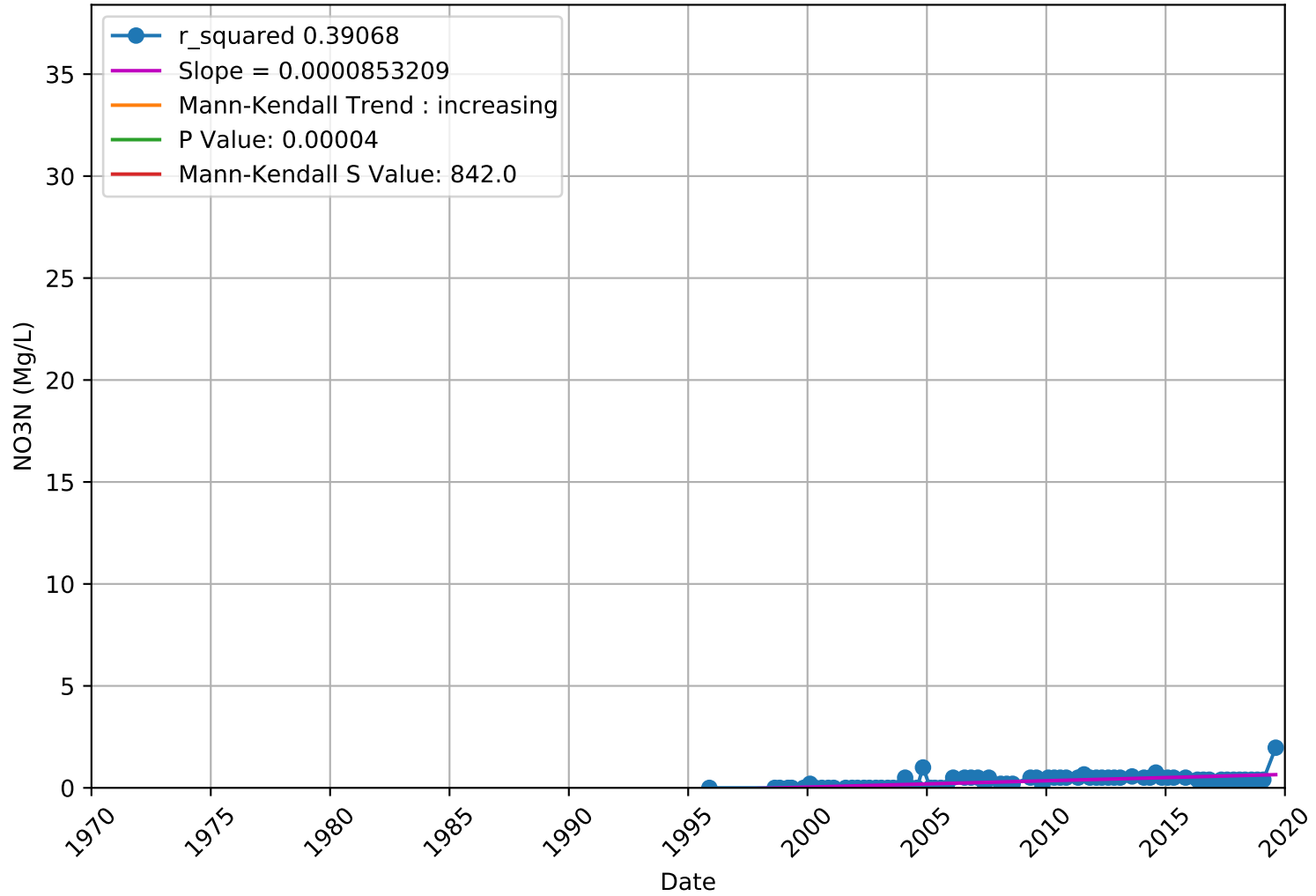
NO3N 3910702-003 - Unknown Aquifer



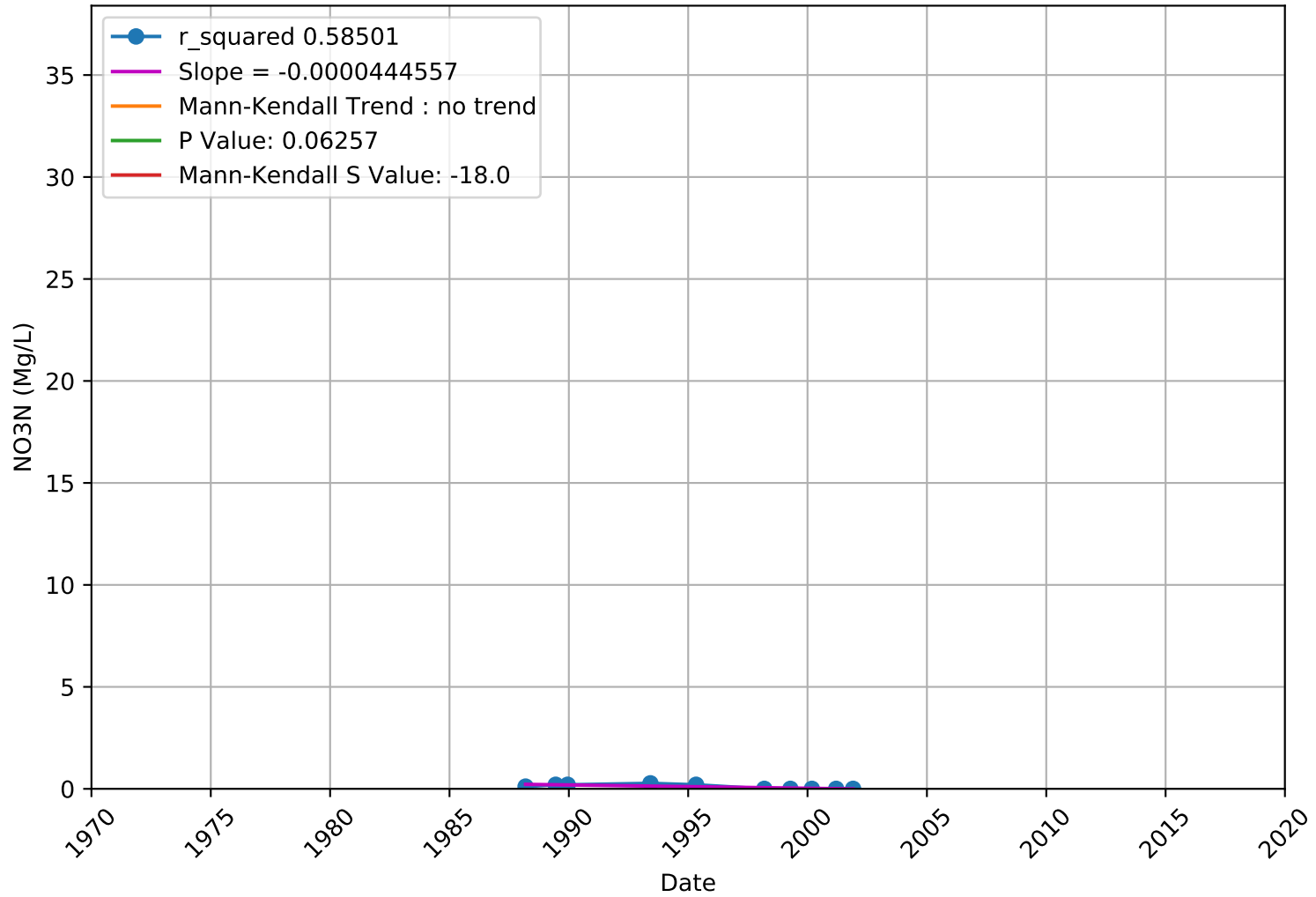
NO3N 3910702-005 - Unknown Aquifer



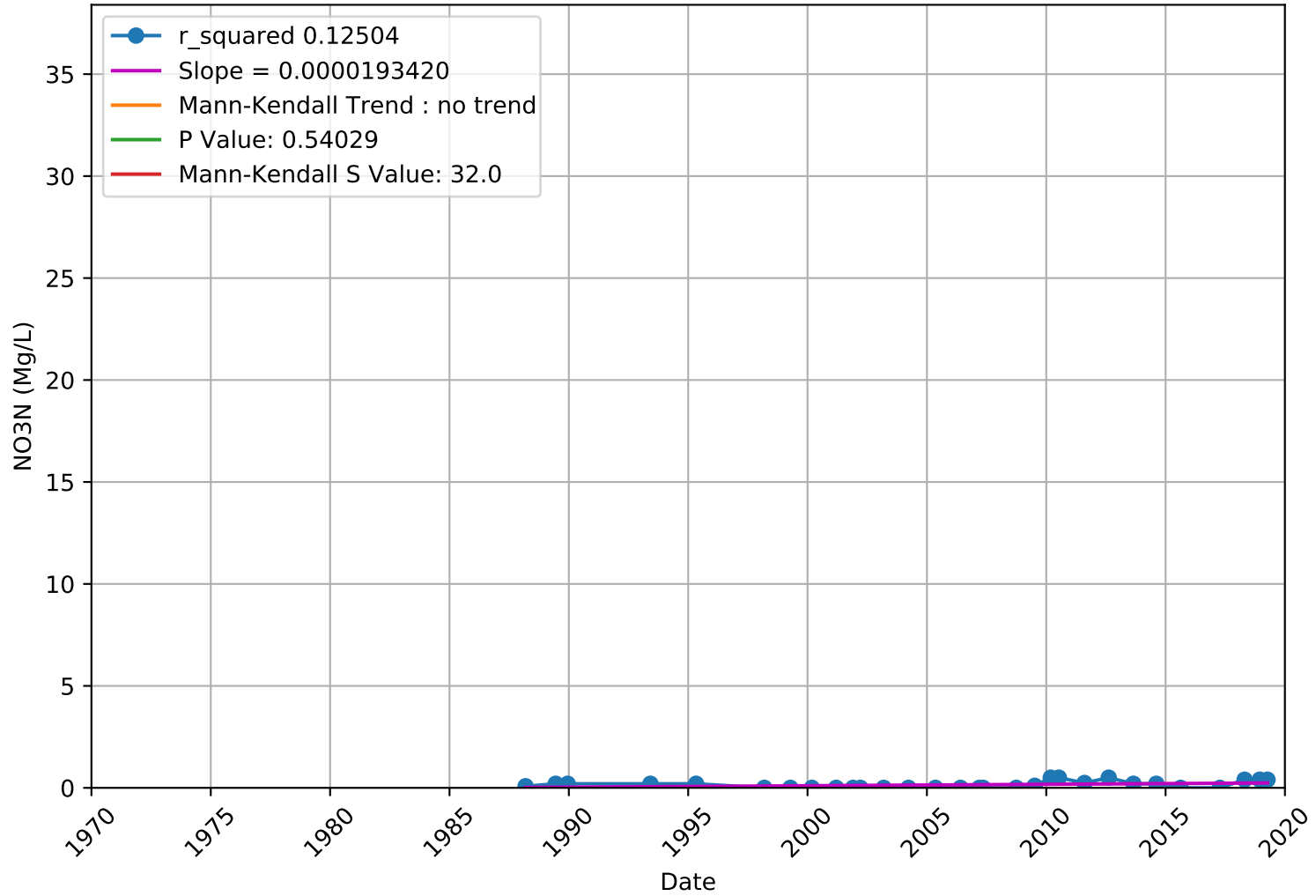
NO3N 3910702-006 - Unknown Aquifer



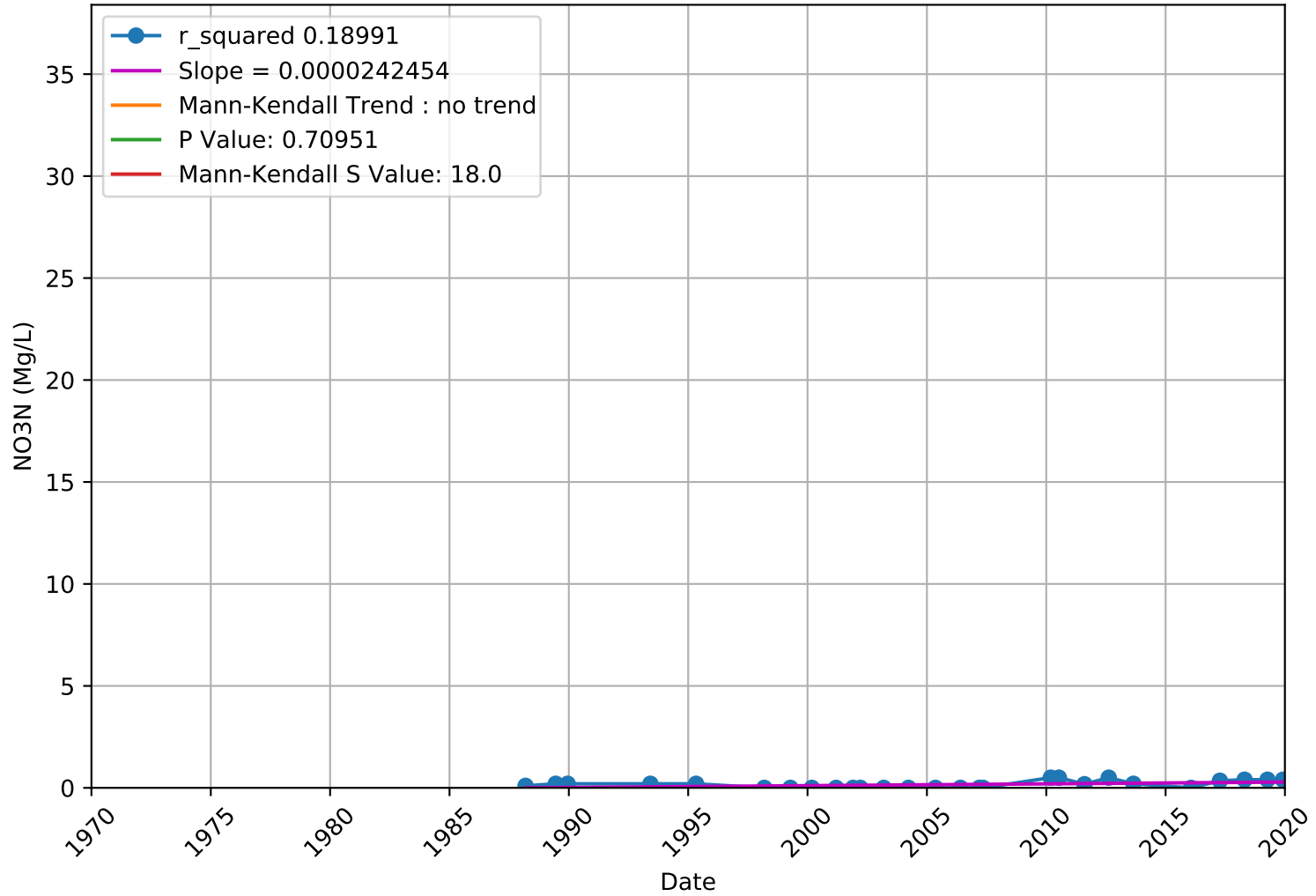
NO3N 3910800-001 - Unknown Aquifer



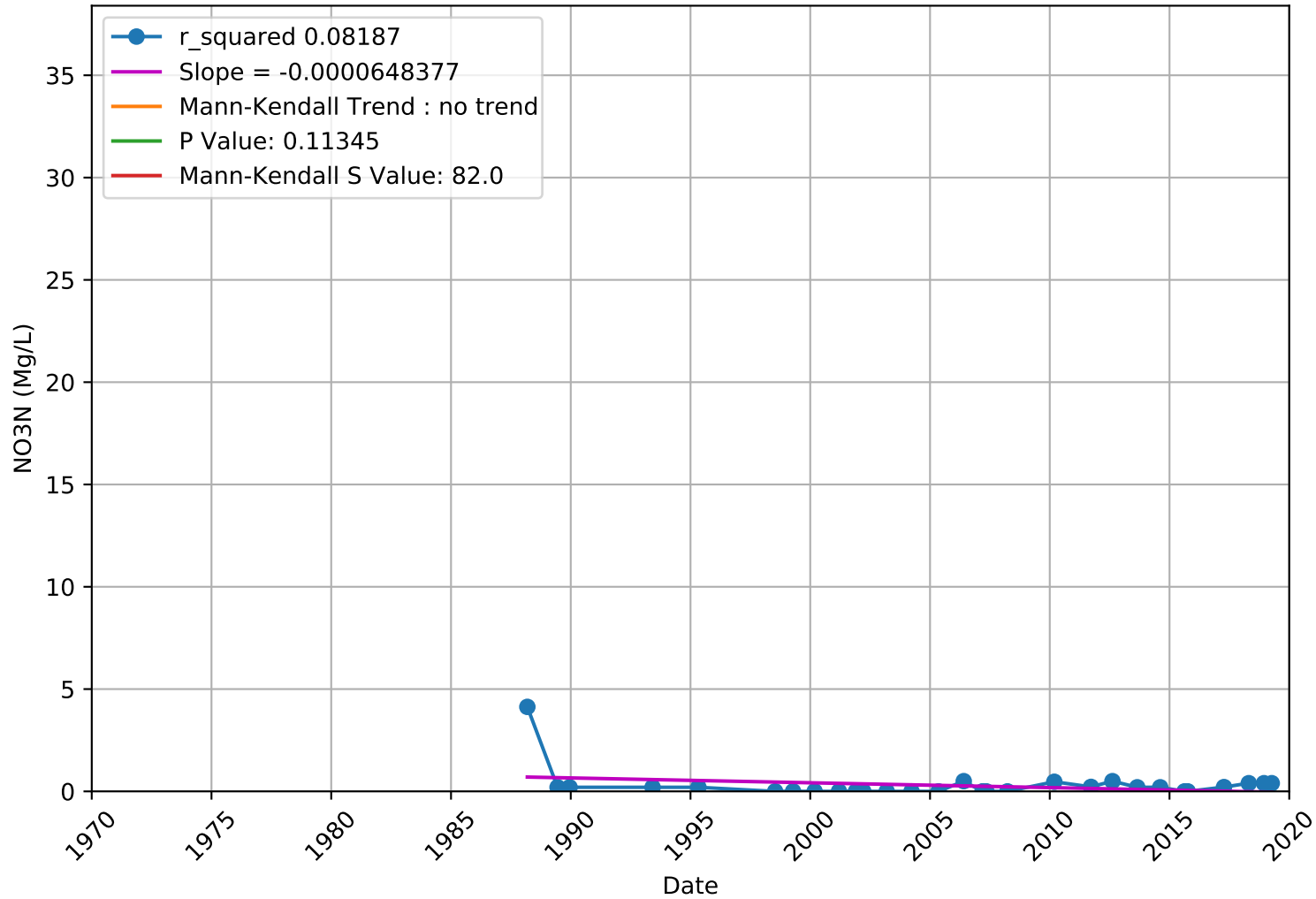
NO3N 3910800-002 - Unknown Aquifer



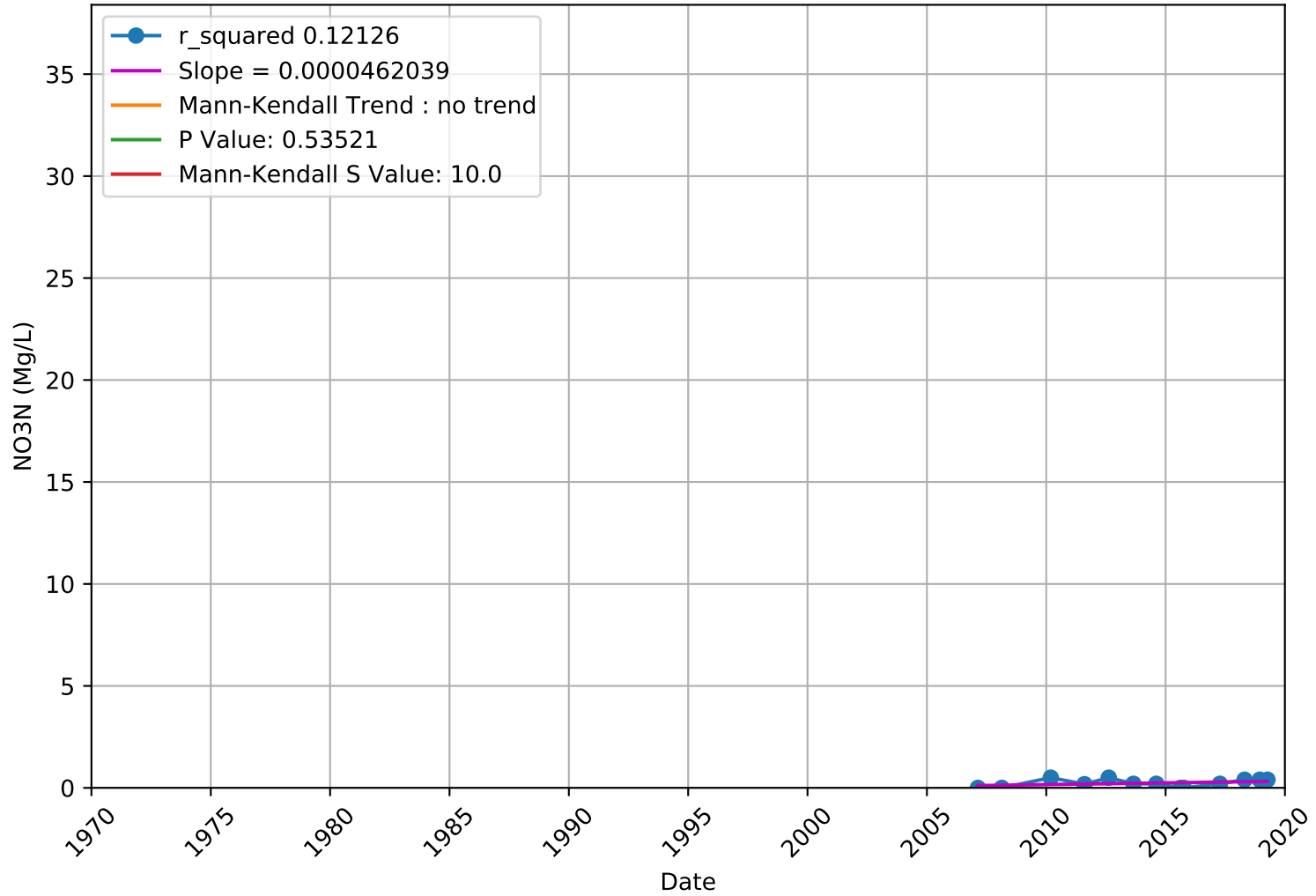
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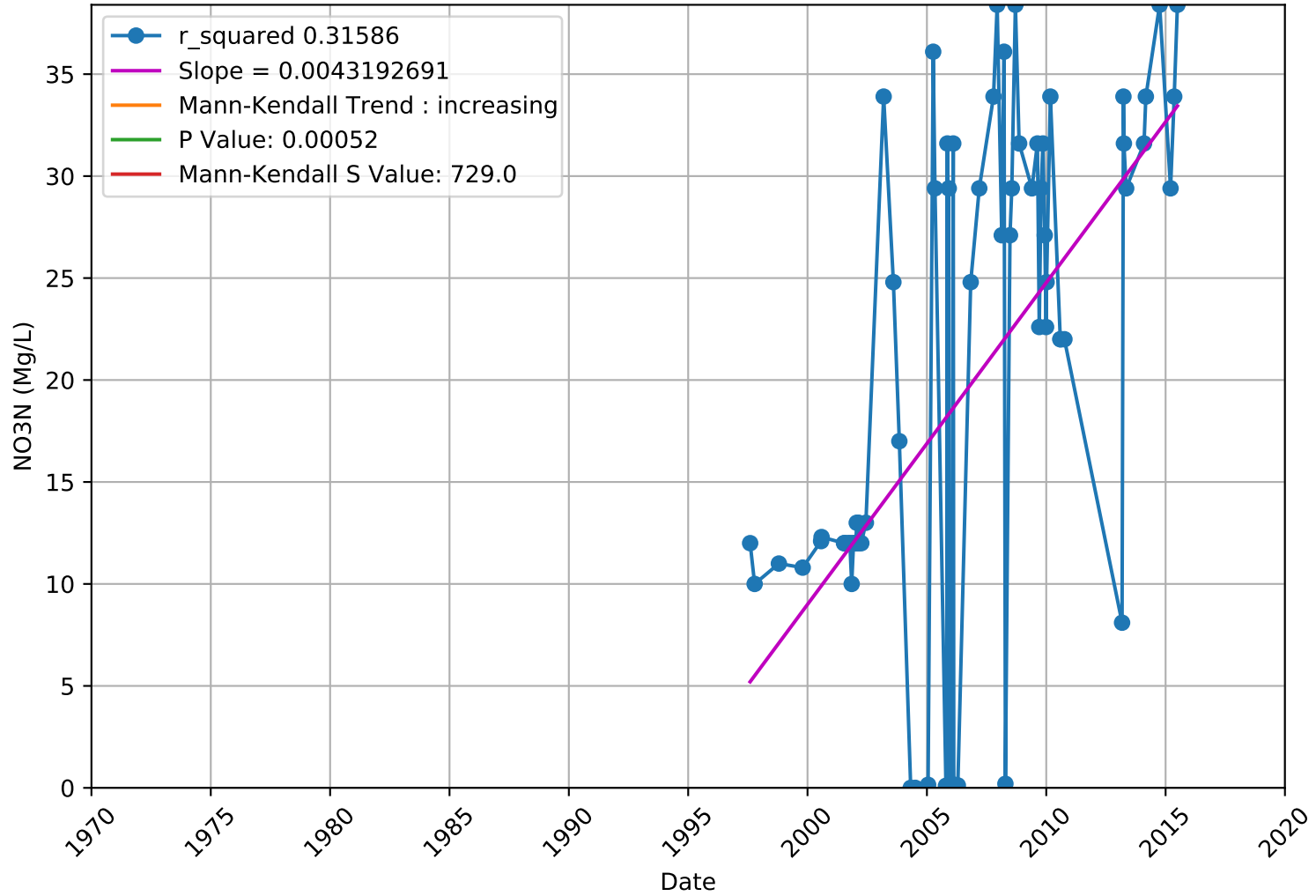
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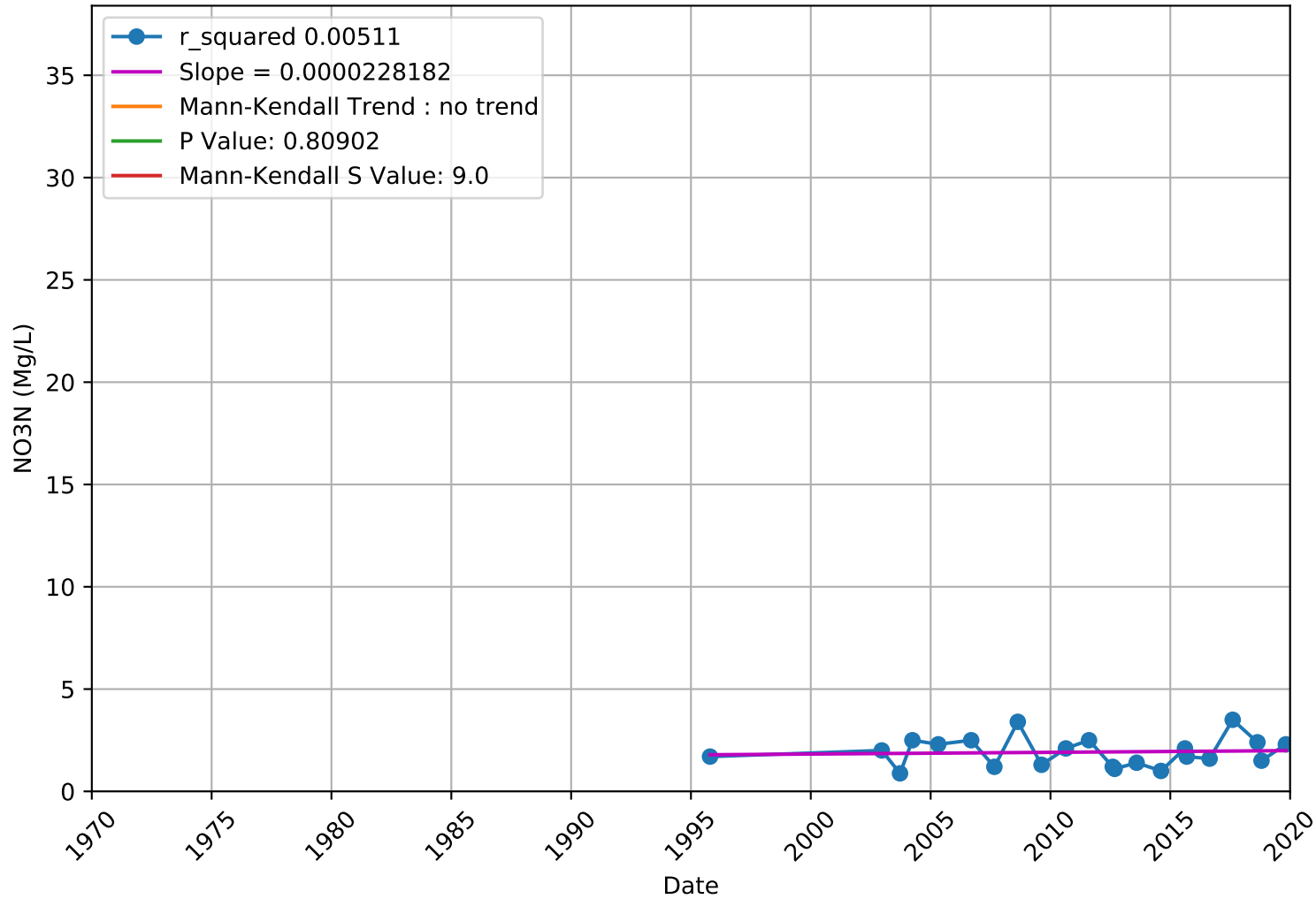
NO3N 3910800-006 - Unknown Aquifer



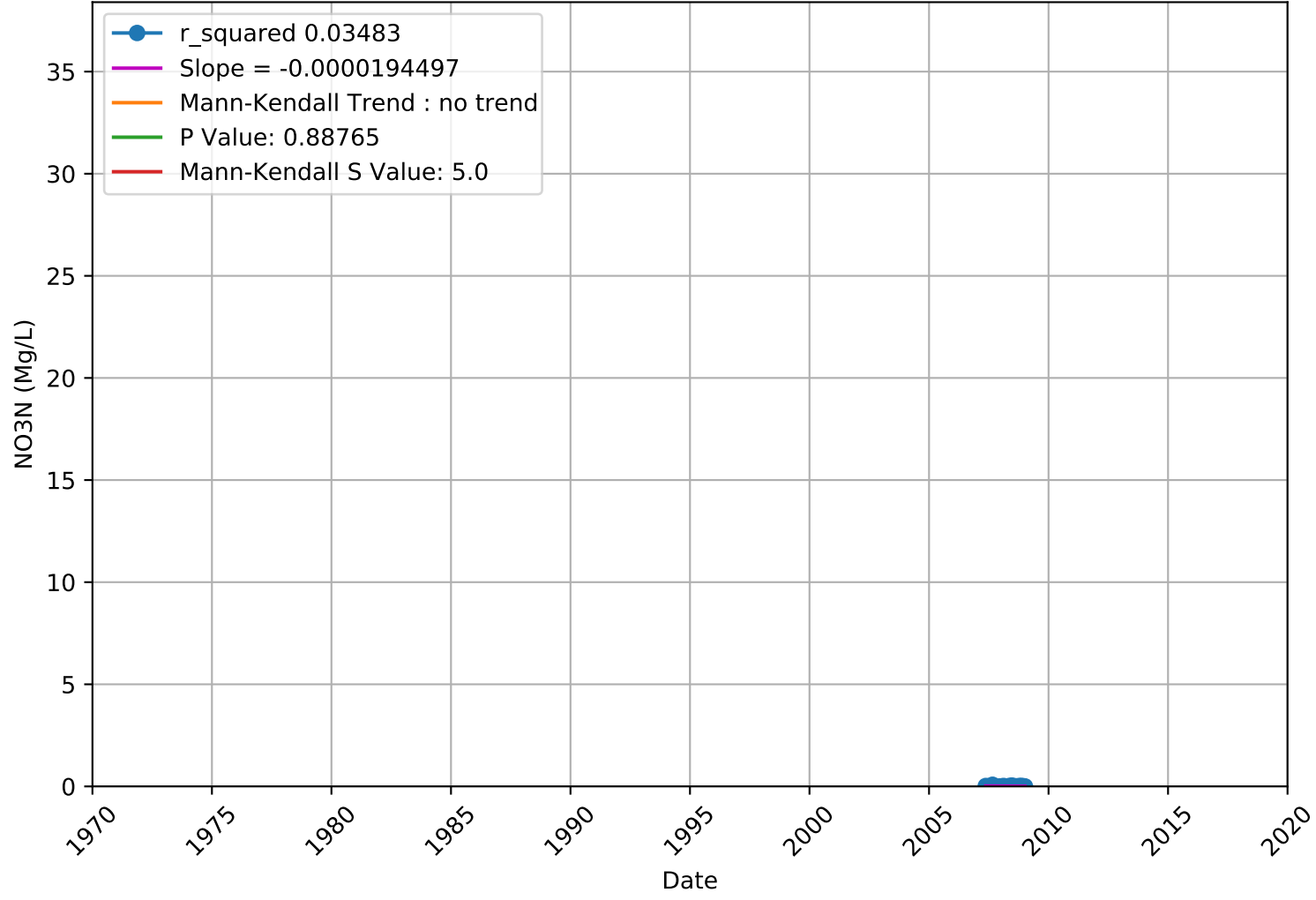
NO3N 4110013-014 - Unknown Aquifer



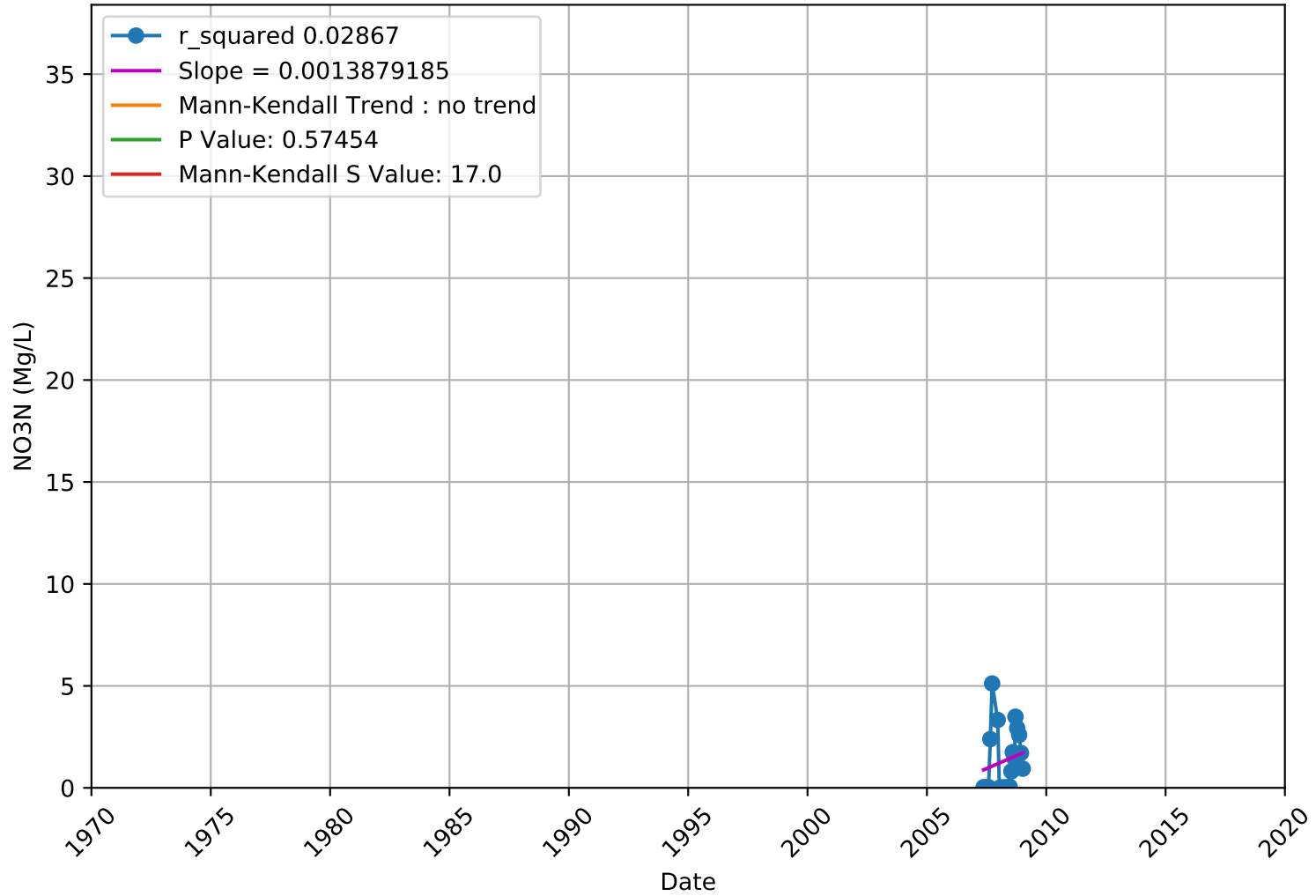
NO3N 4300611-002 - Unknown Aquifer



NO3N USGS-374046121155401 - Upper Aquifer



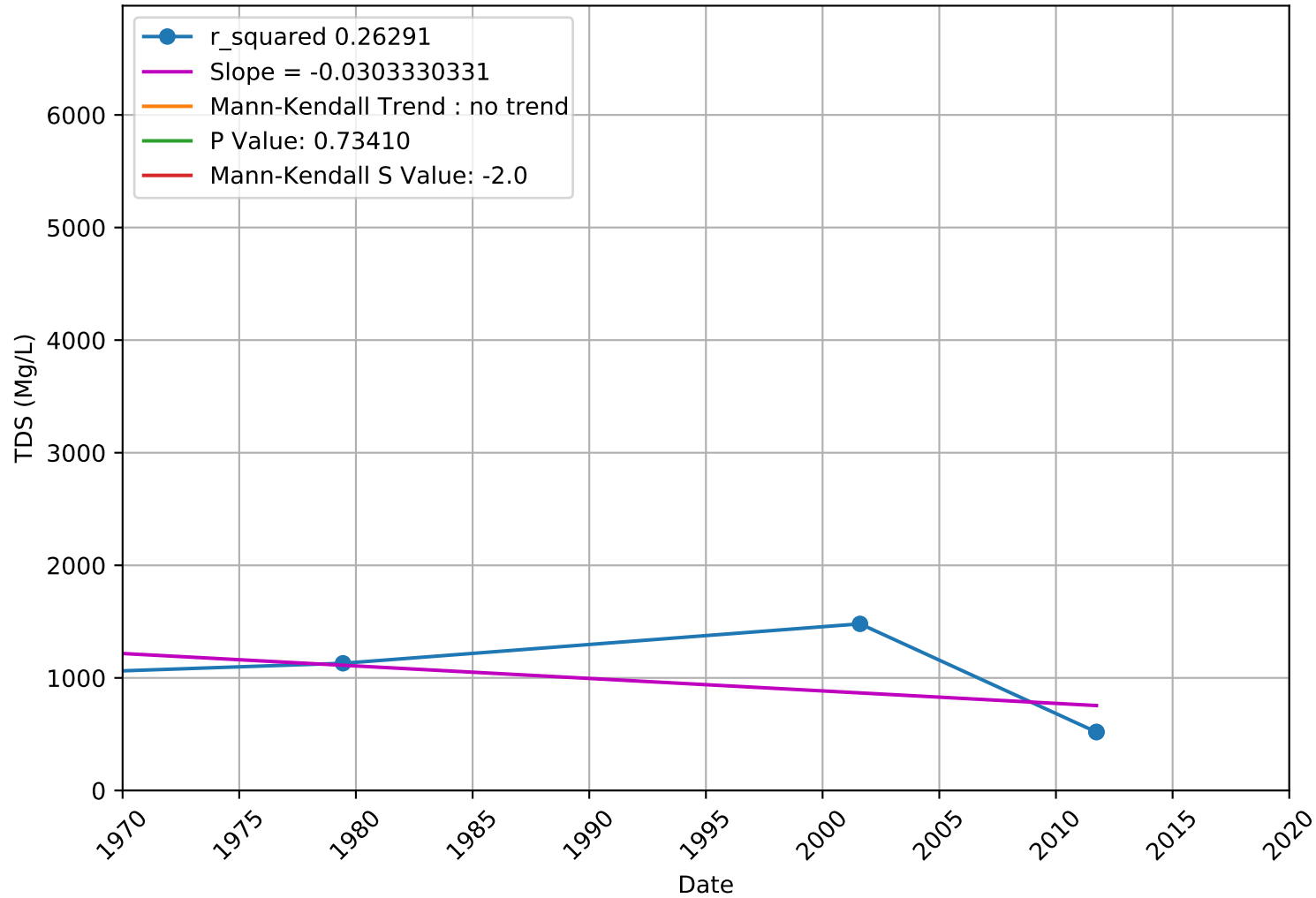
NO3N USGS-374046121155402 - Upper Aquifer



Total Dissolved Solids

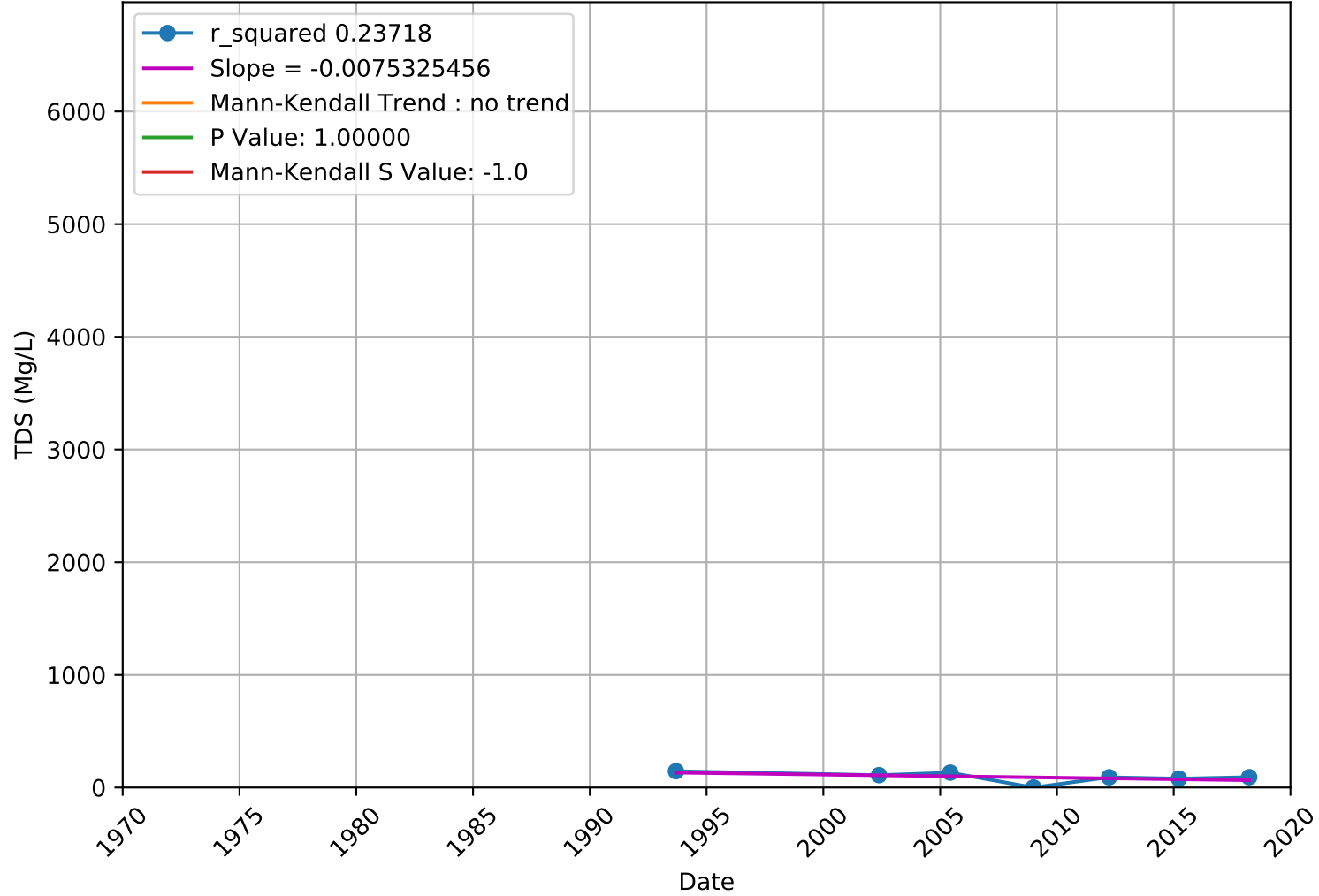
TDS

02S05E25D002M - Unknown Aquifer



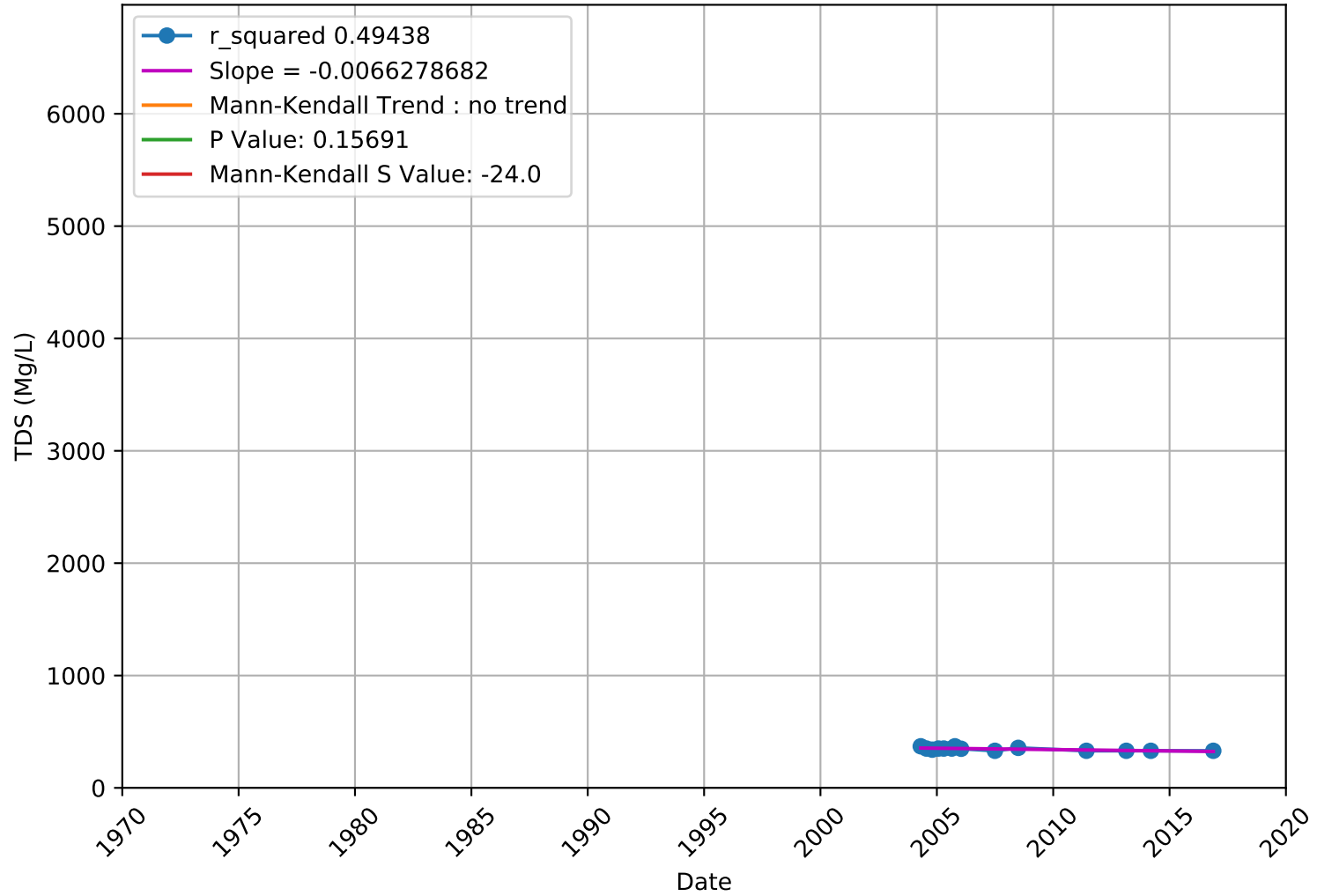
TDS

3100014-001 - Unknown Aquifer



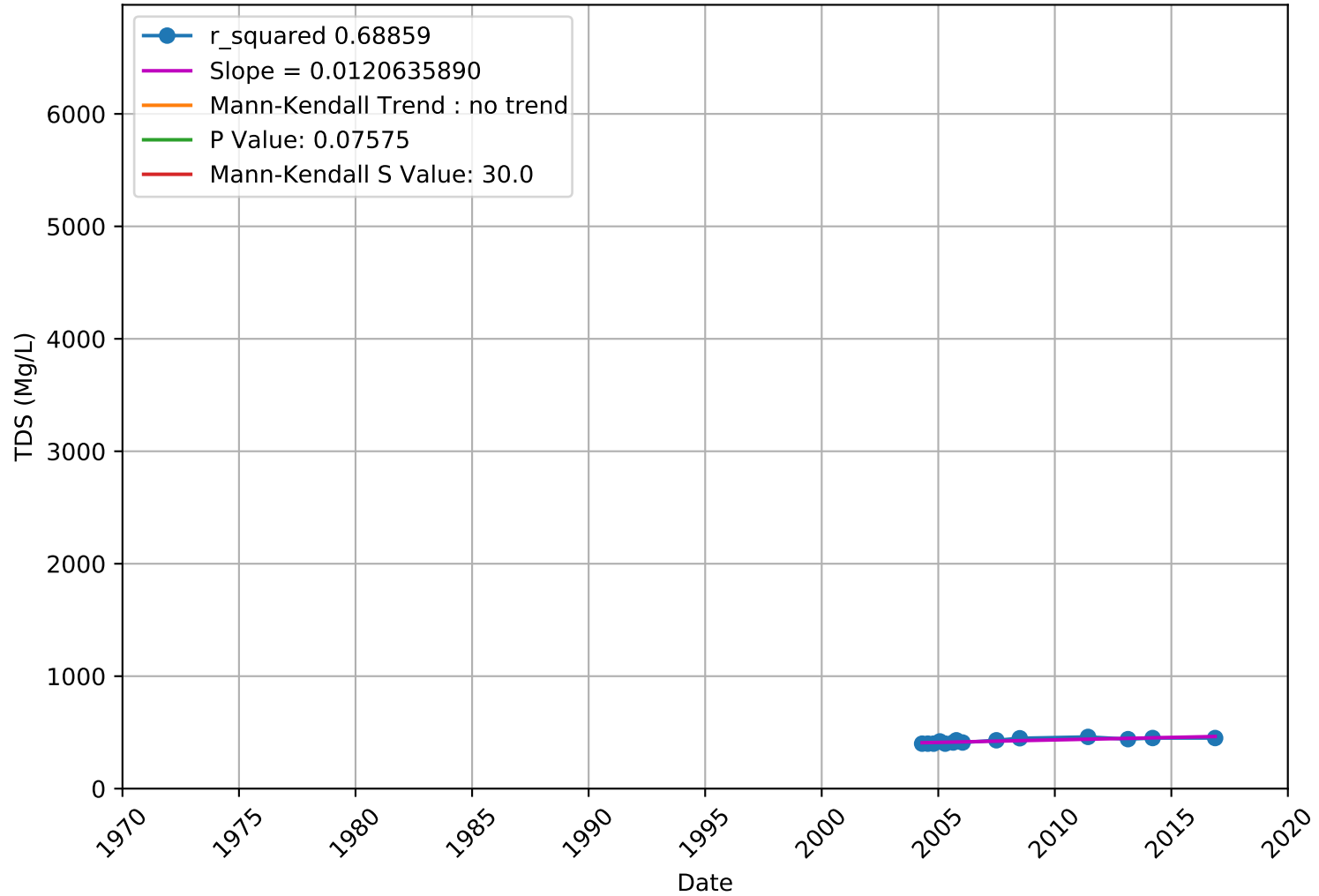
TDS

377031N1214485W001 - Lower Aquifer



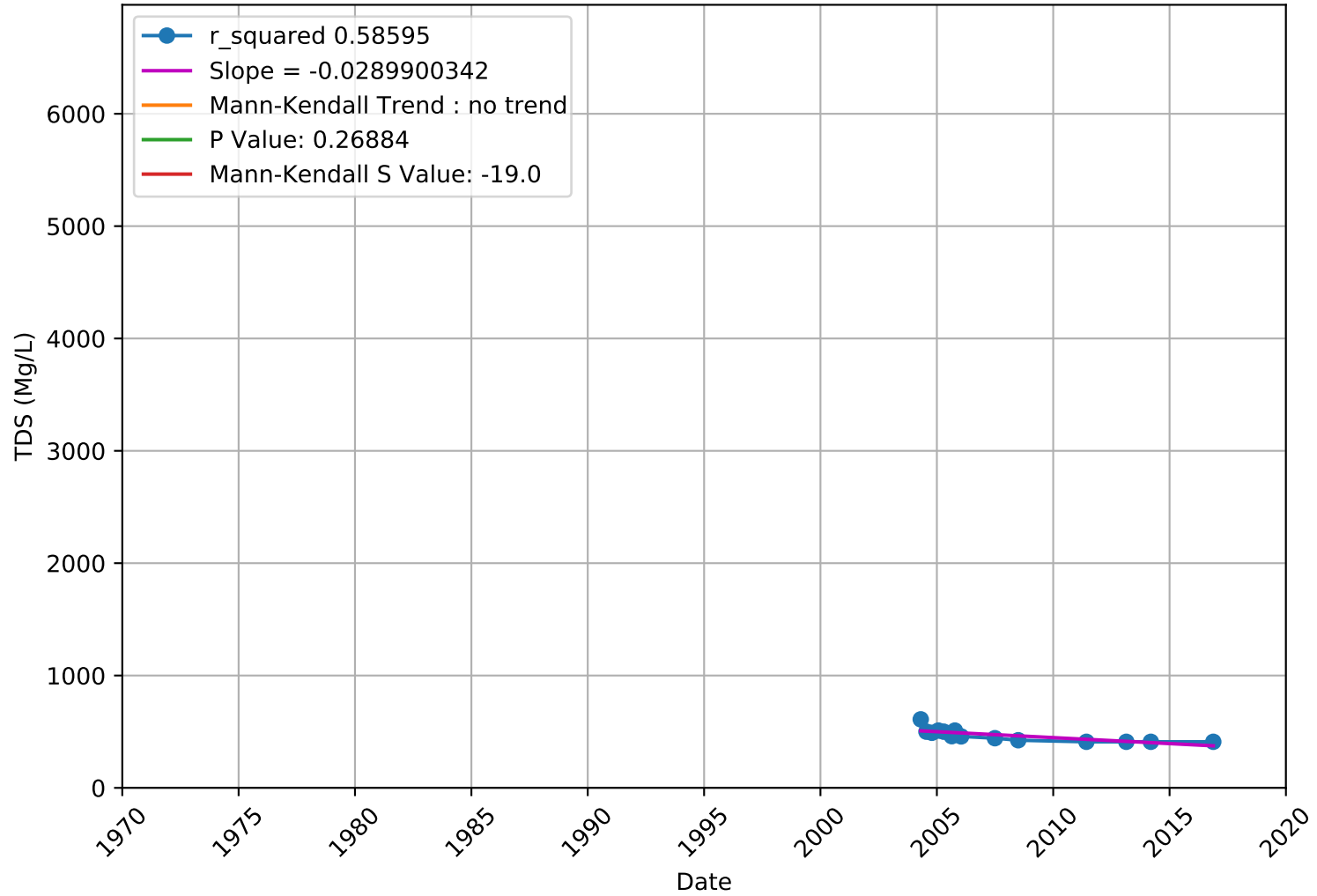
TDS

377031N1214485W002 - Lower Aquifer



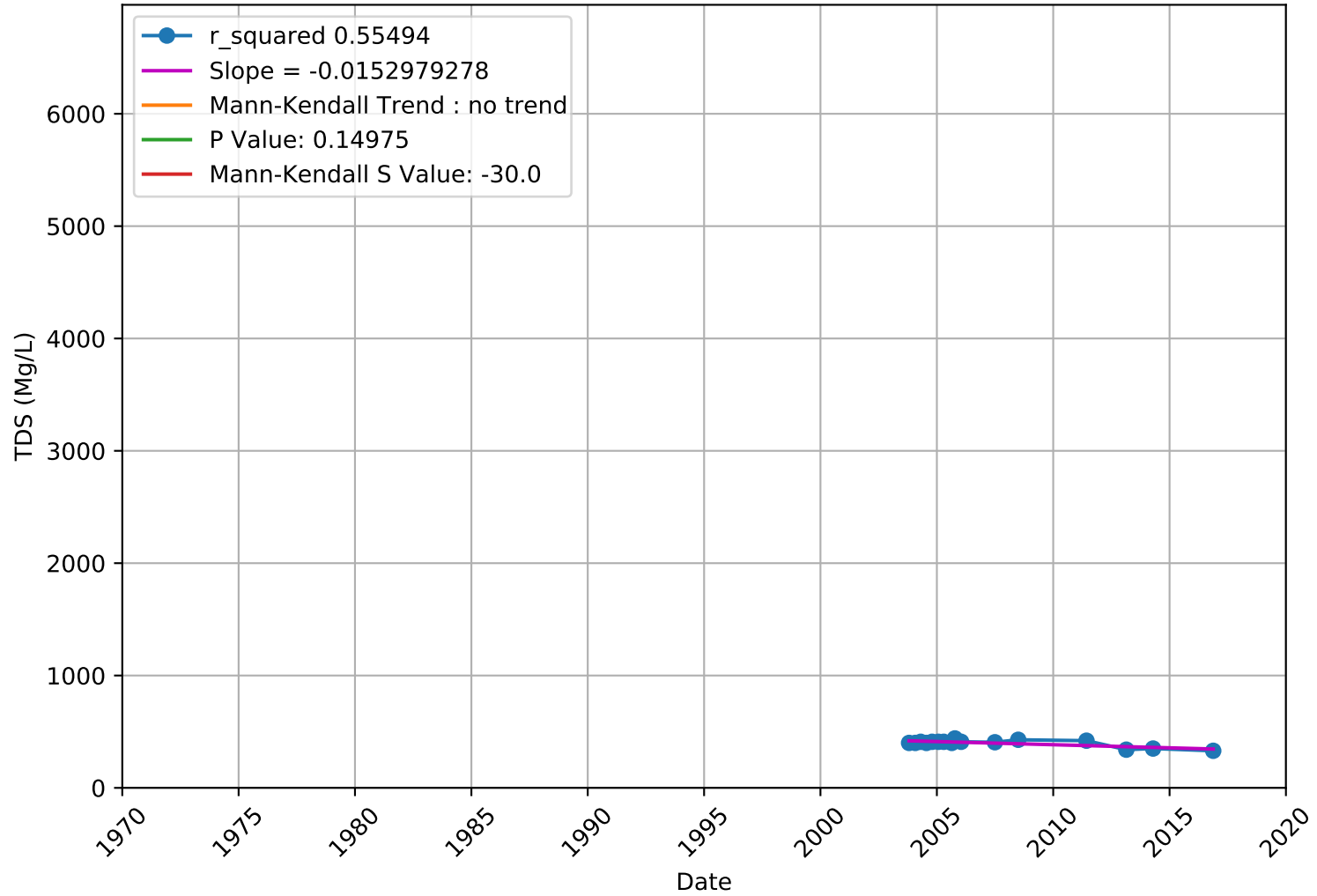
TDS

377031N1214485W003 - Lower Aquifer



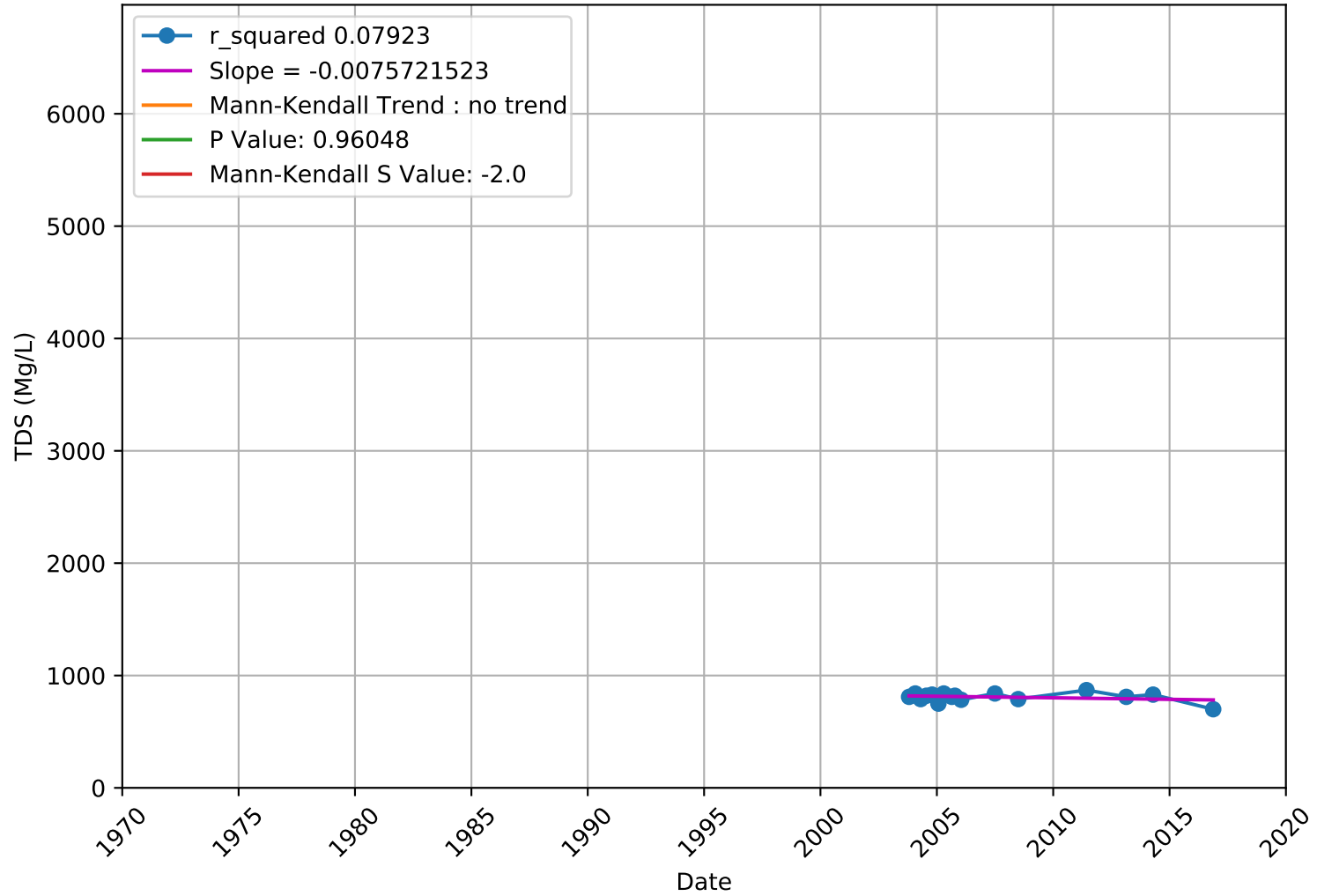
TDS

377143N1214459W001 - Lower Aquifer



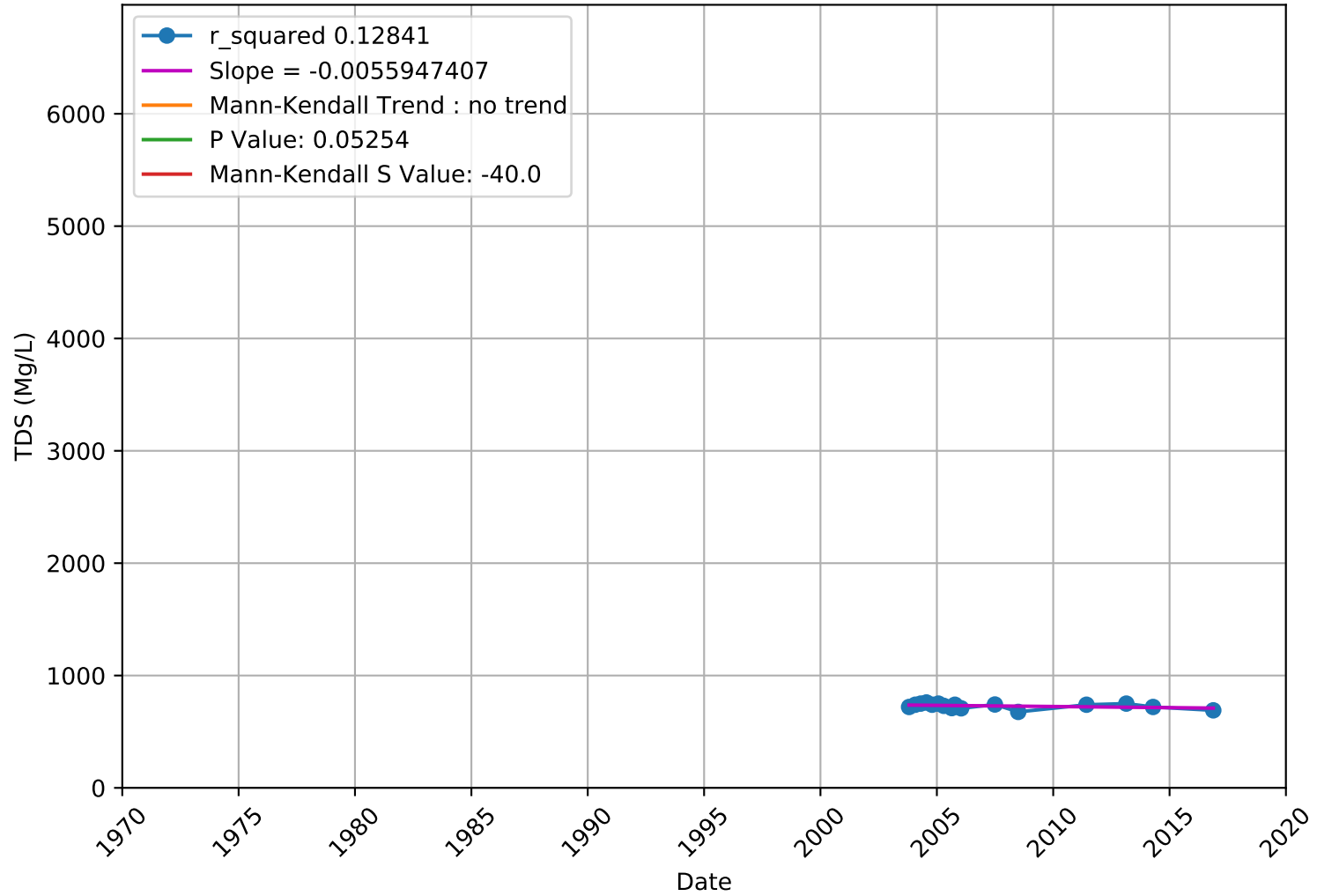
TDS

377143N1214459W002 - Lower Aquifer



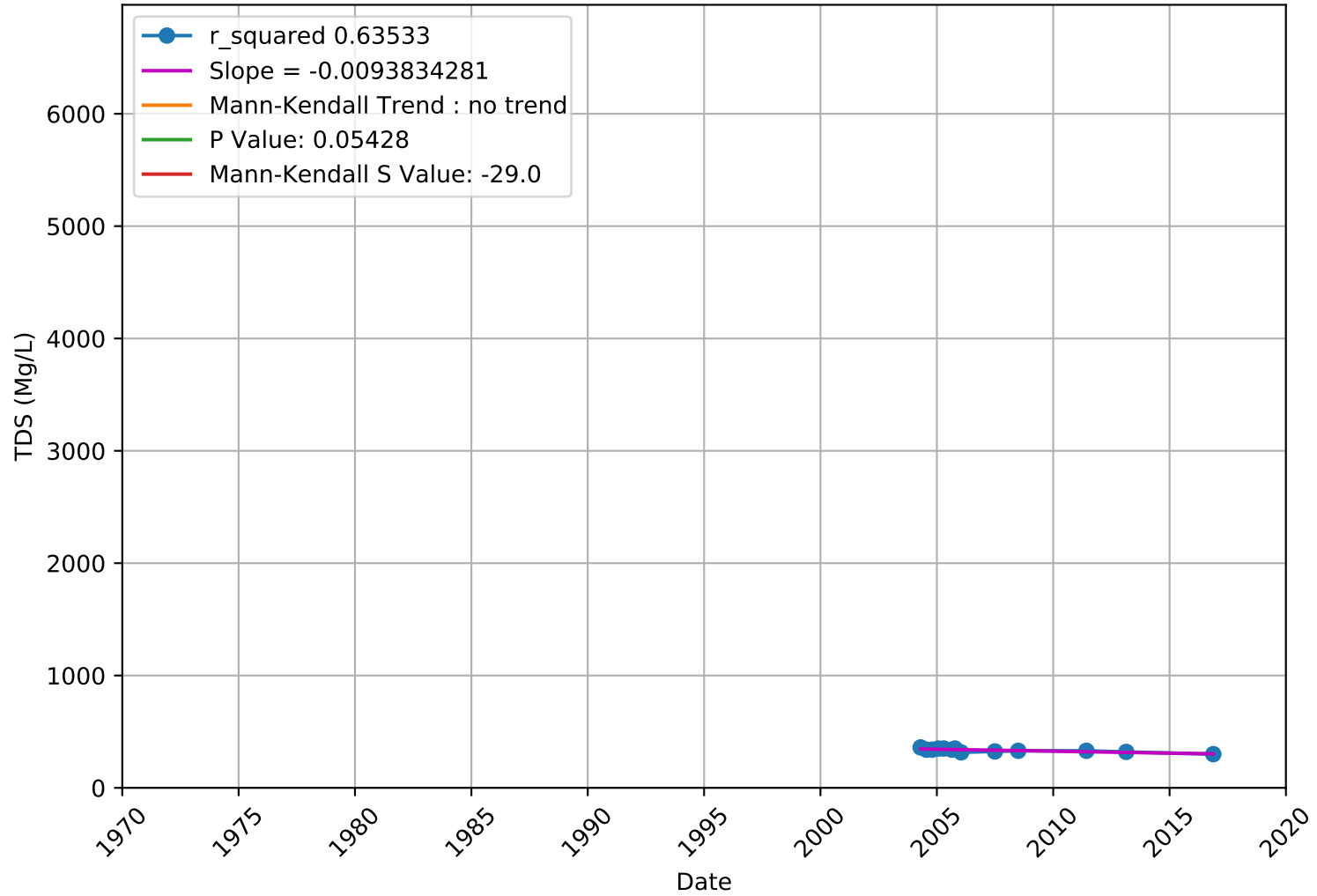
TDS

377143N1214459W003 - Lower Aquifer



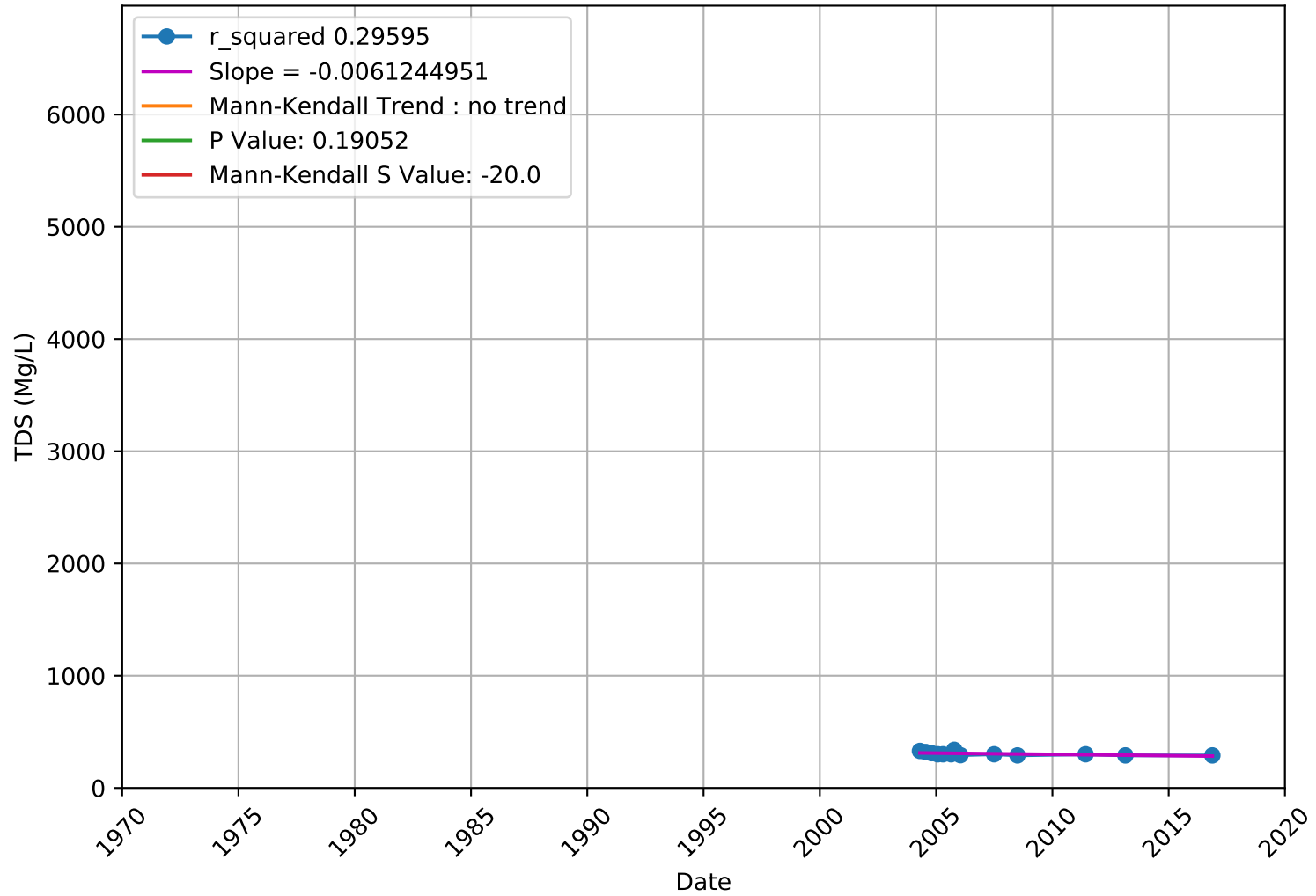
TDS

377149N1214257W001 - Lower Aquifer



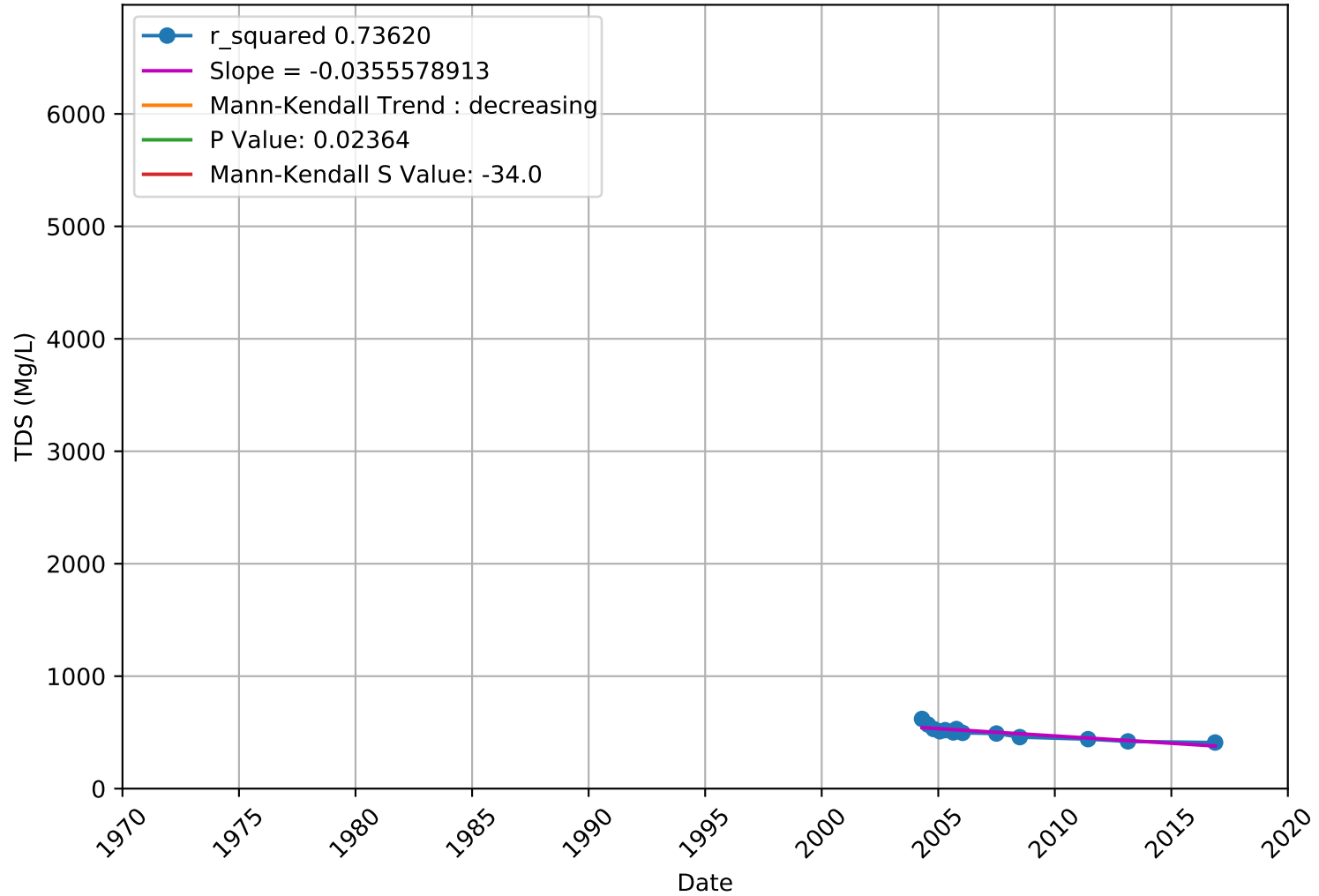
TDS

377149N1214257W002 - Lower Aquifer



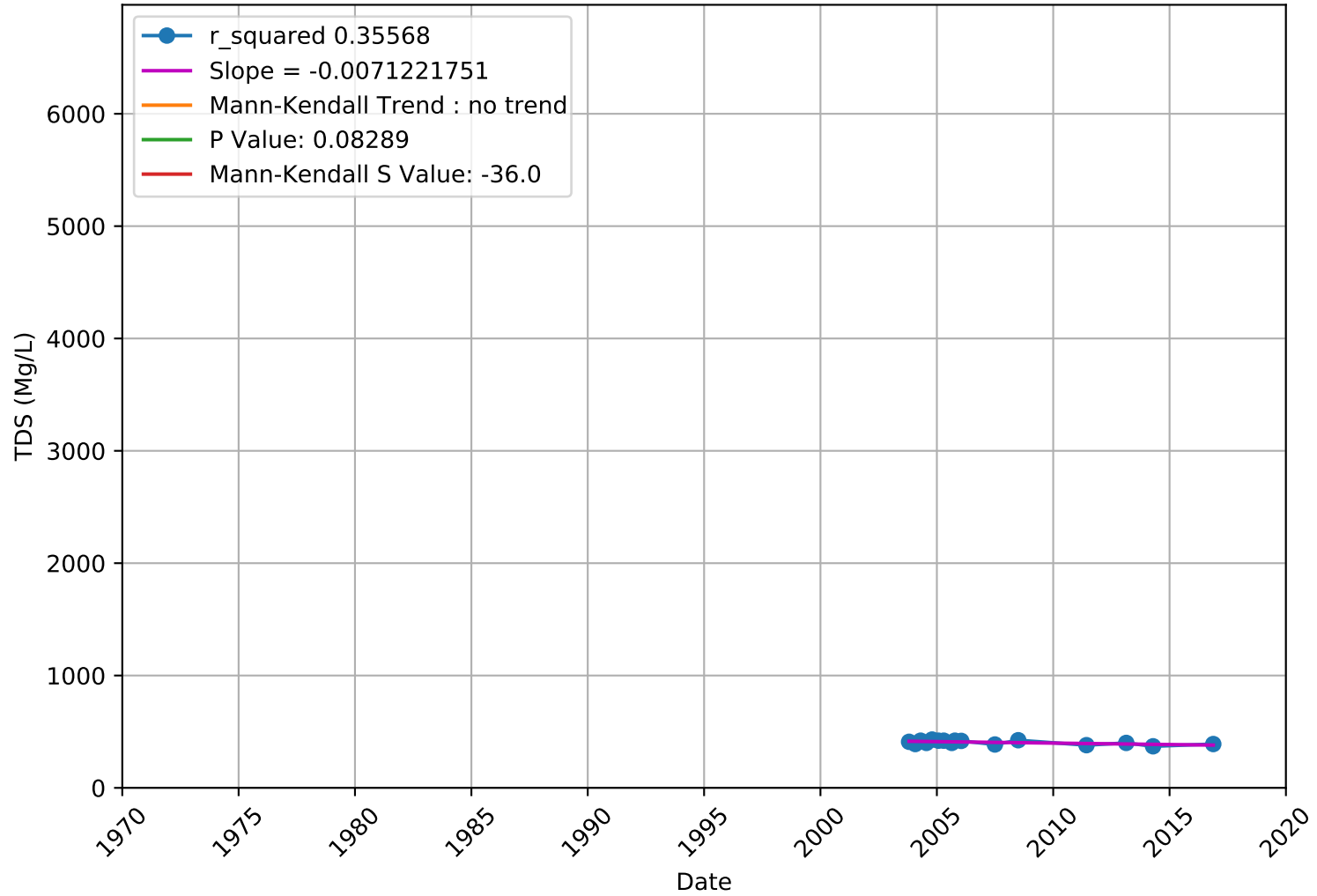
TDS

377149N1214257W003 - Lower Aquifer



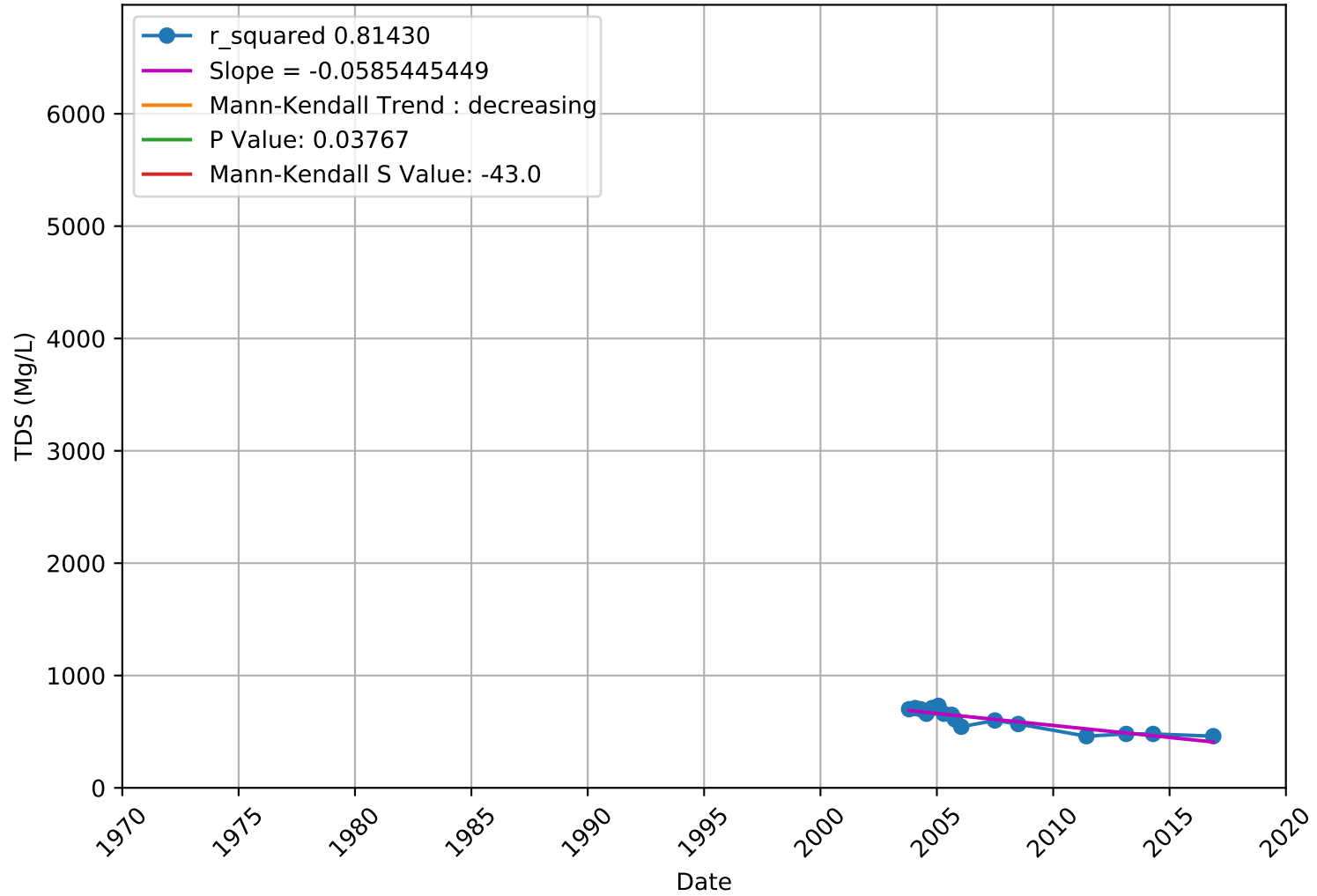
TDS

377402N1214508W001 - Lower Aquifer



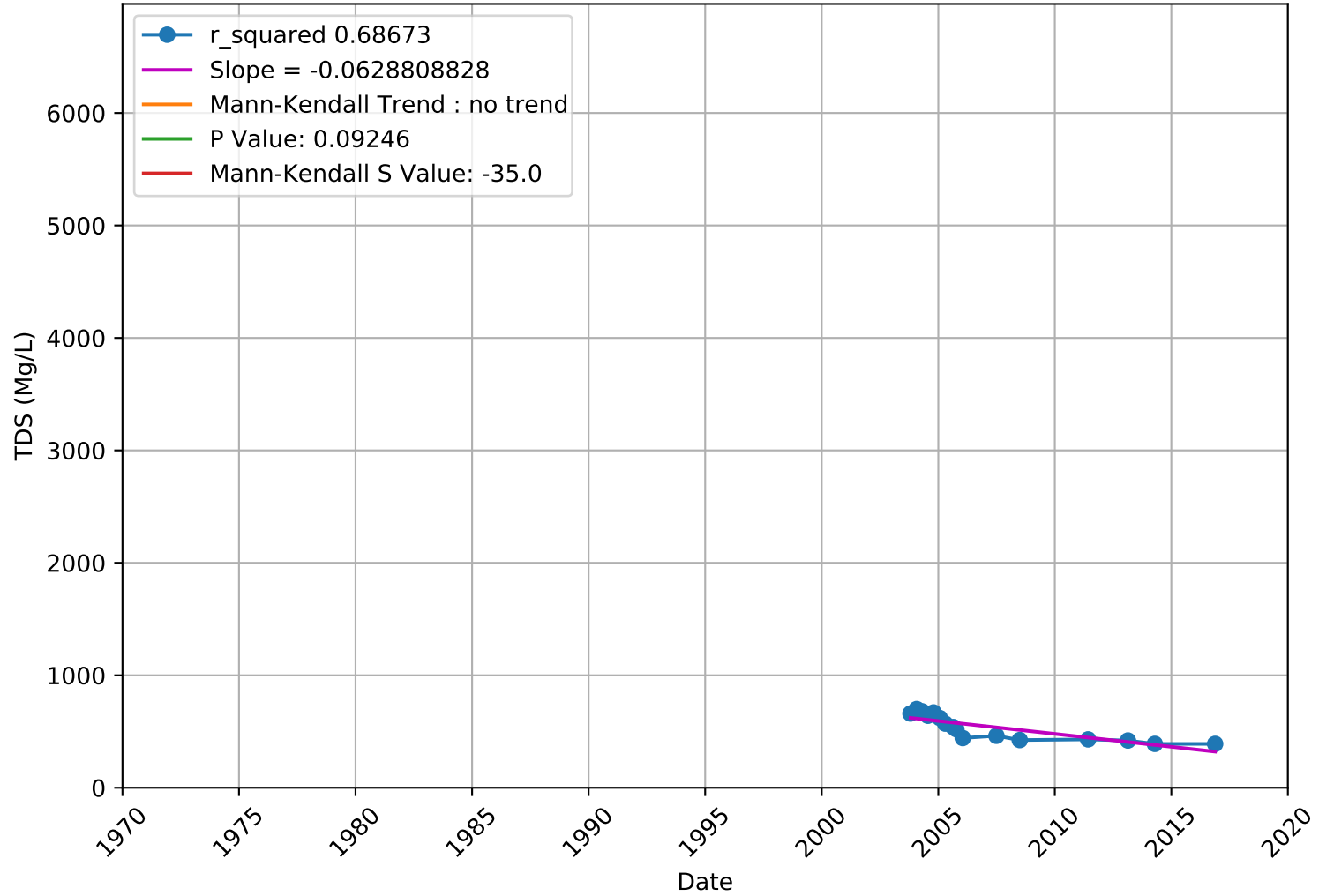
TDS

377402N1214508W002 - Lower Aquifer



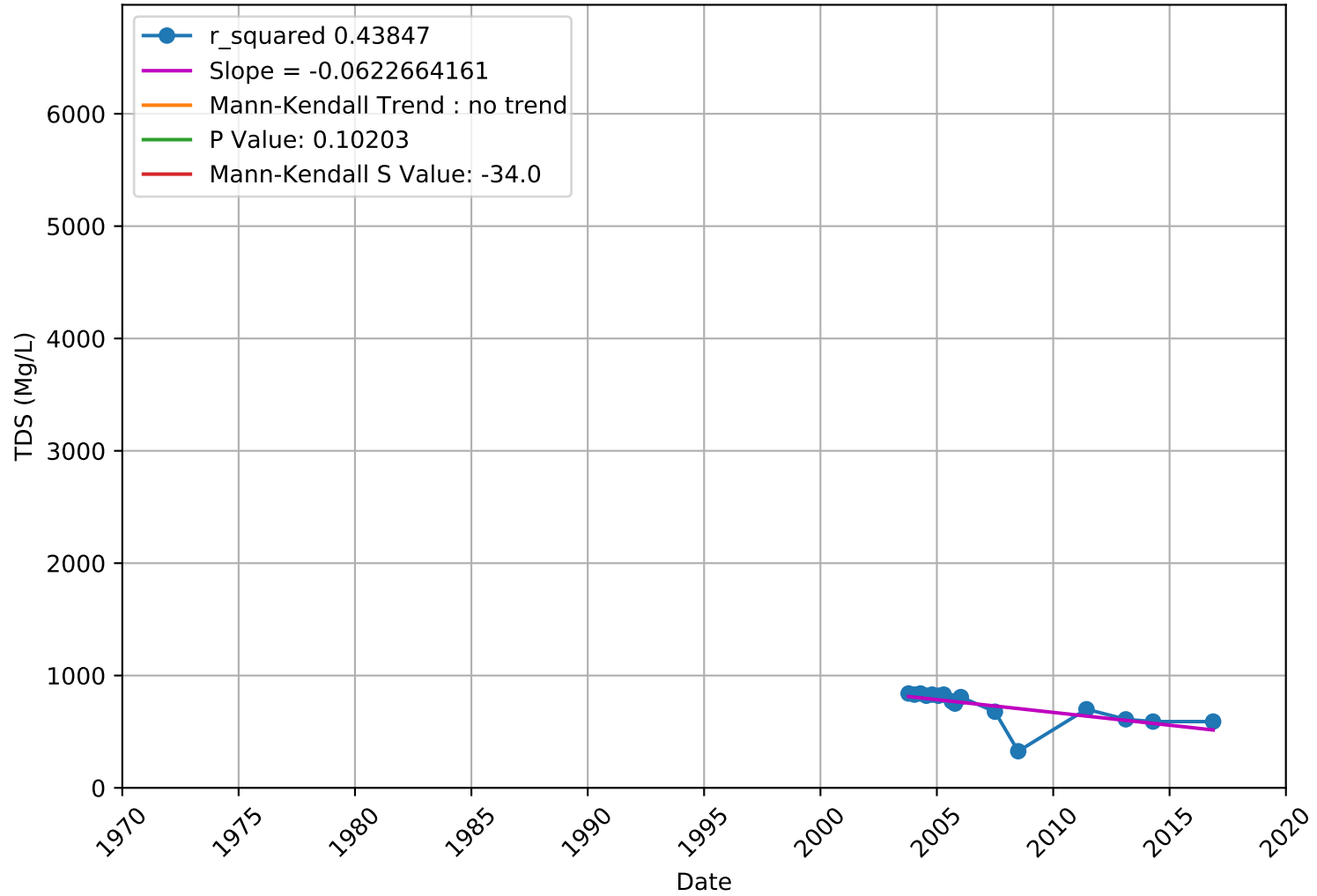
TDS

377402N1214508W003 - Lower Aquifer



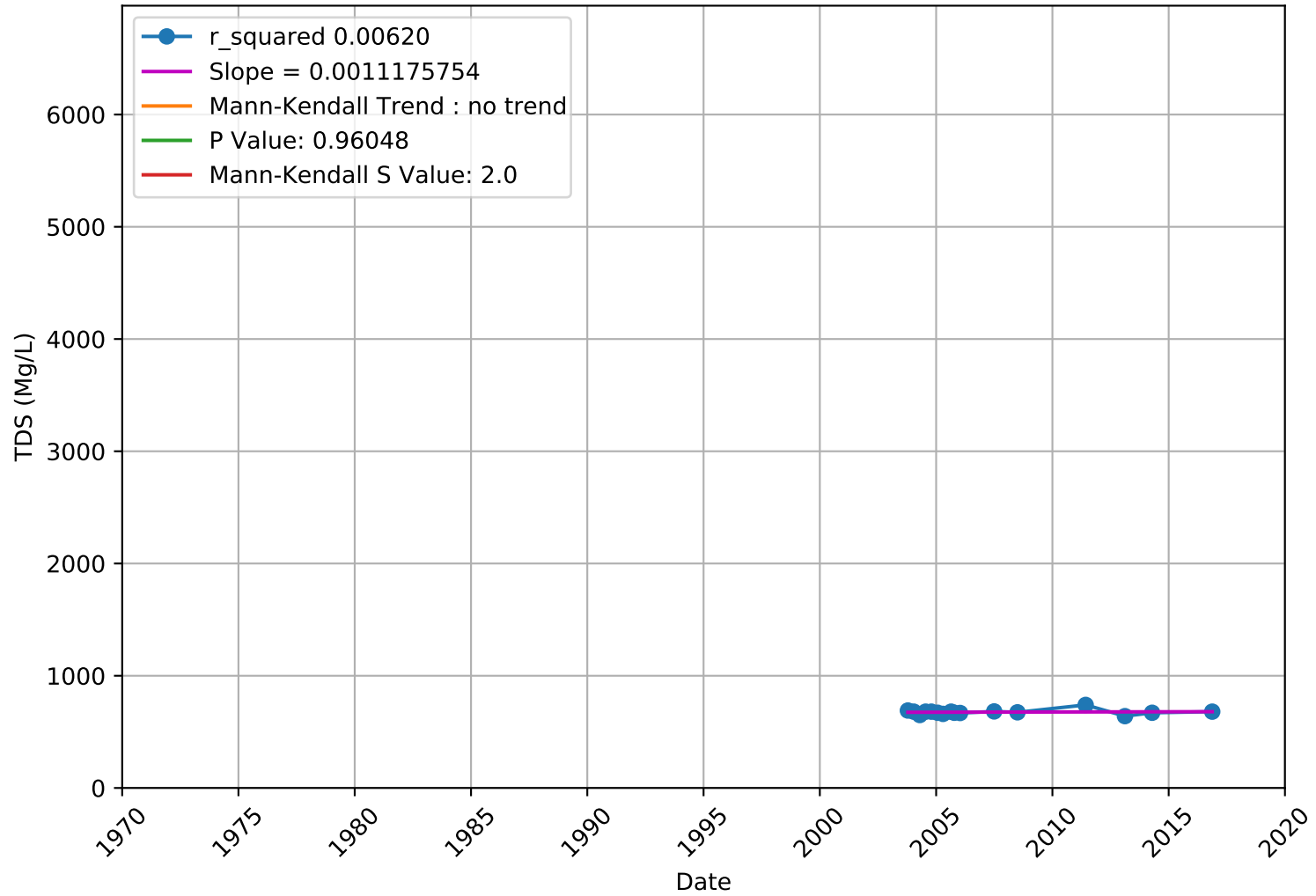
TDS

377427N1213943W001 - Lower Aquifer



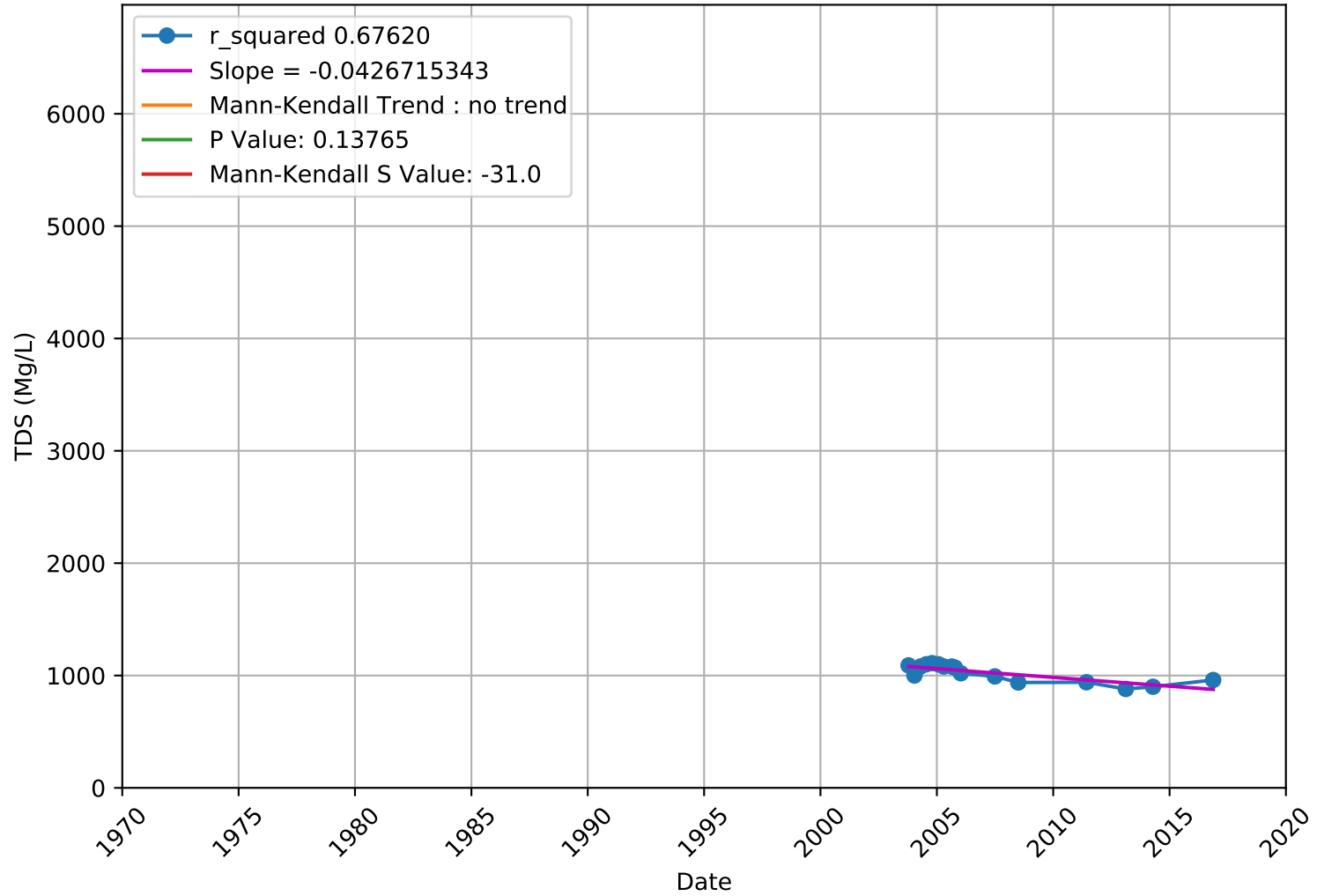
TDS

377427N1213943W002 - Lower Aquifer



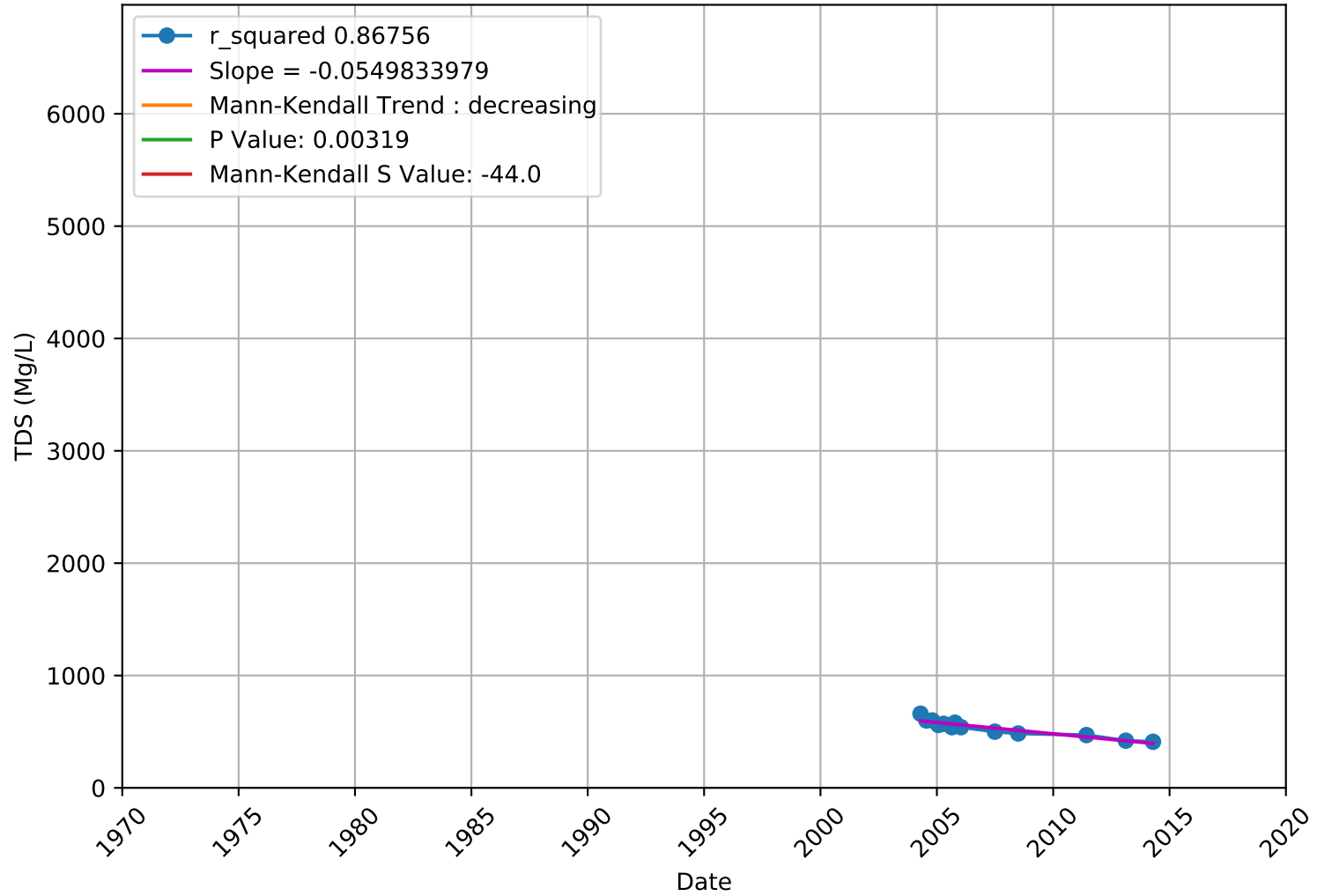
TDS

377427N1213943W003 - Lower Aquifer



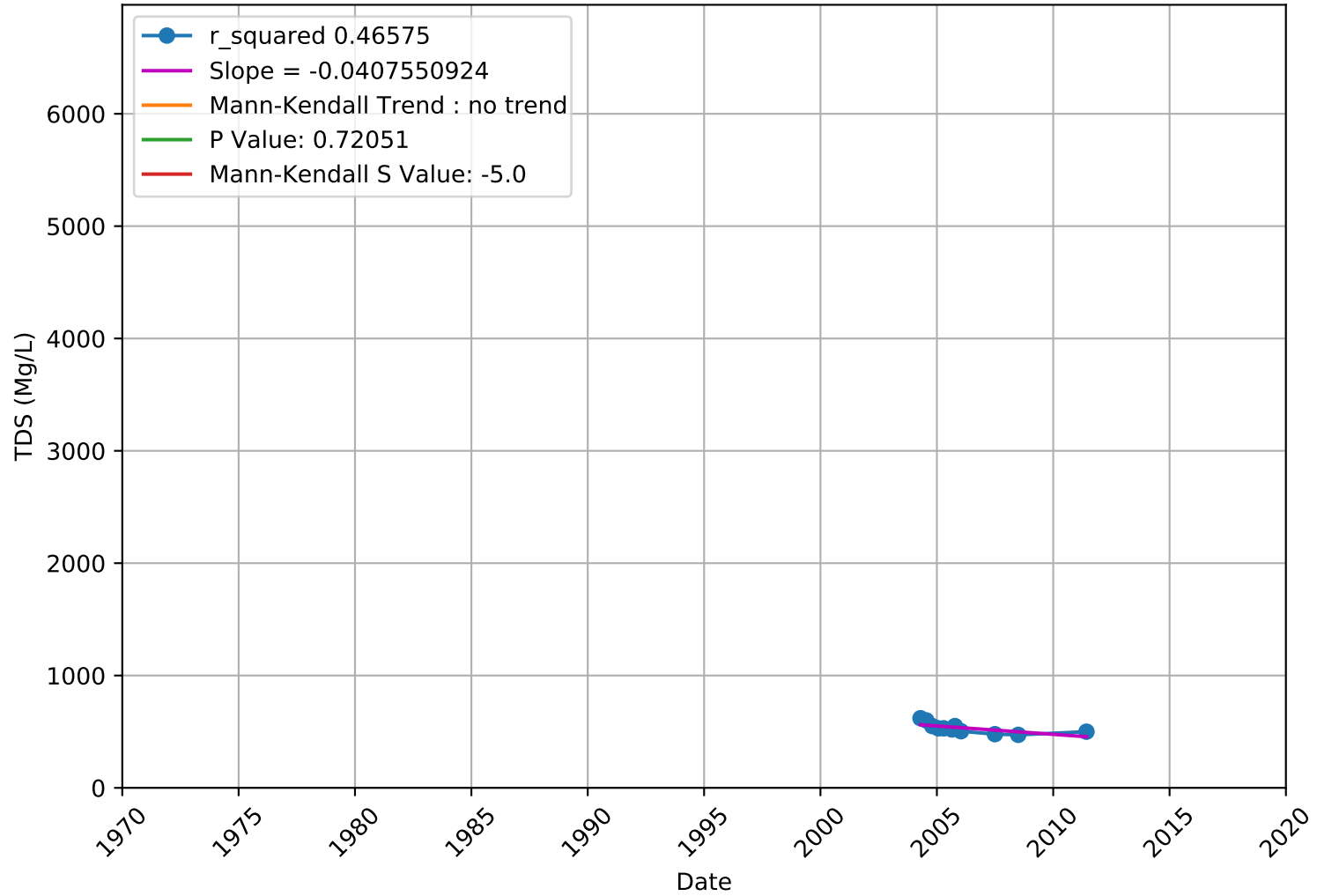
TDS

377656N1214199W001 - Lower Aquifer



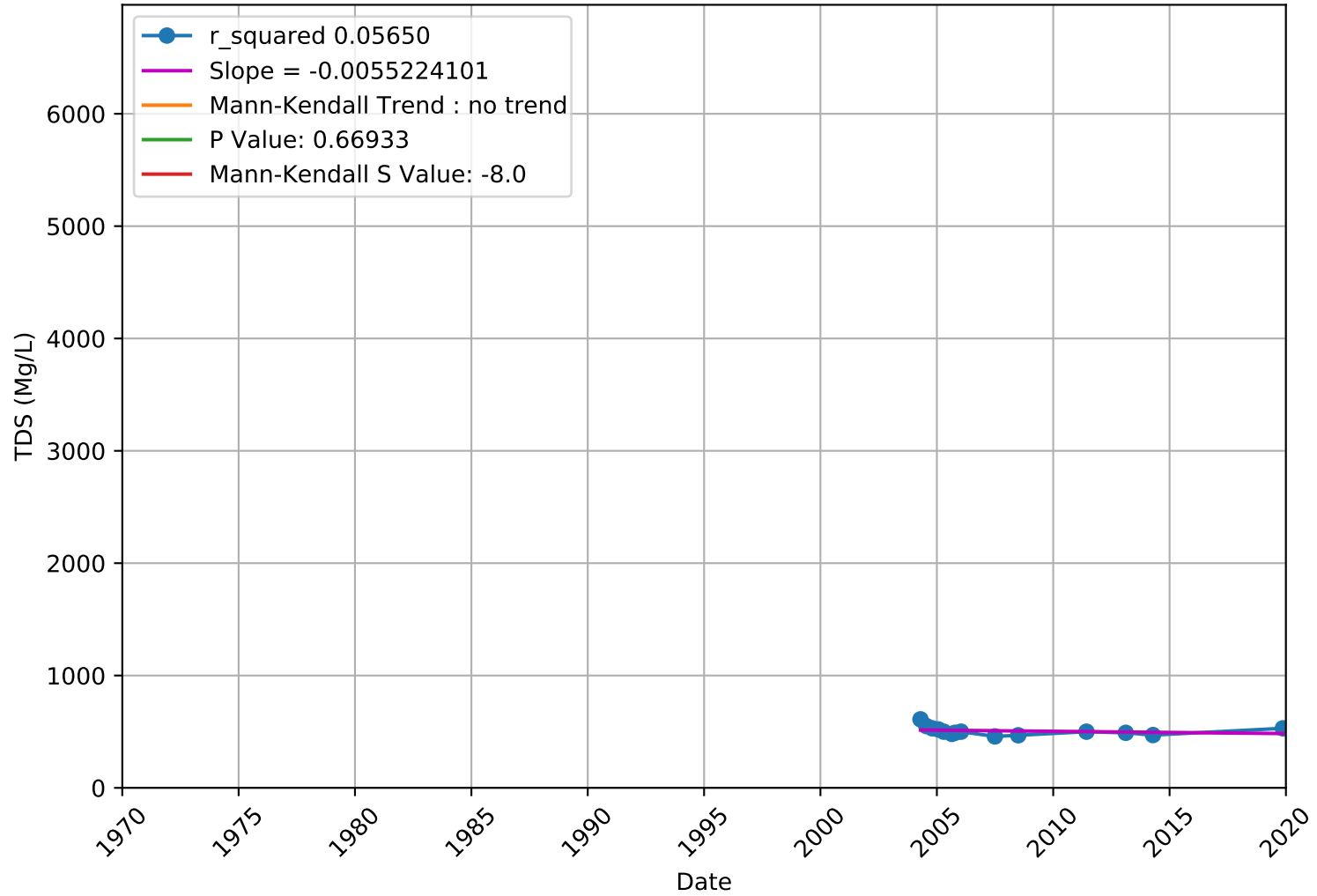
TDS

377656N1214199W002 - Lower Aquifer



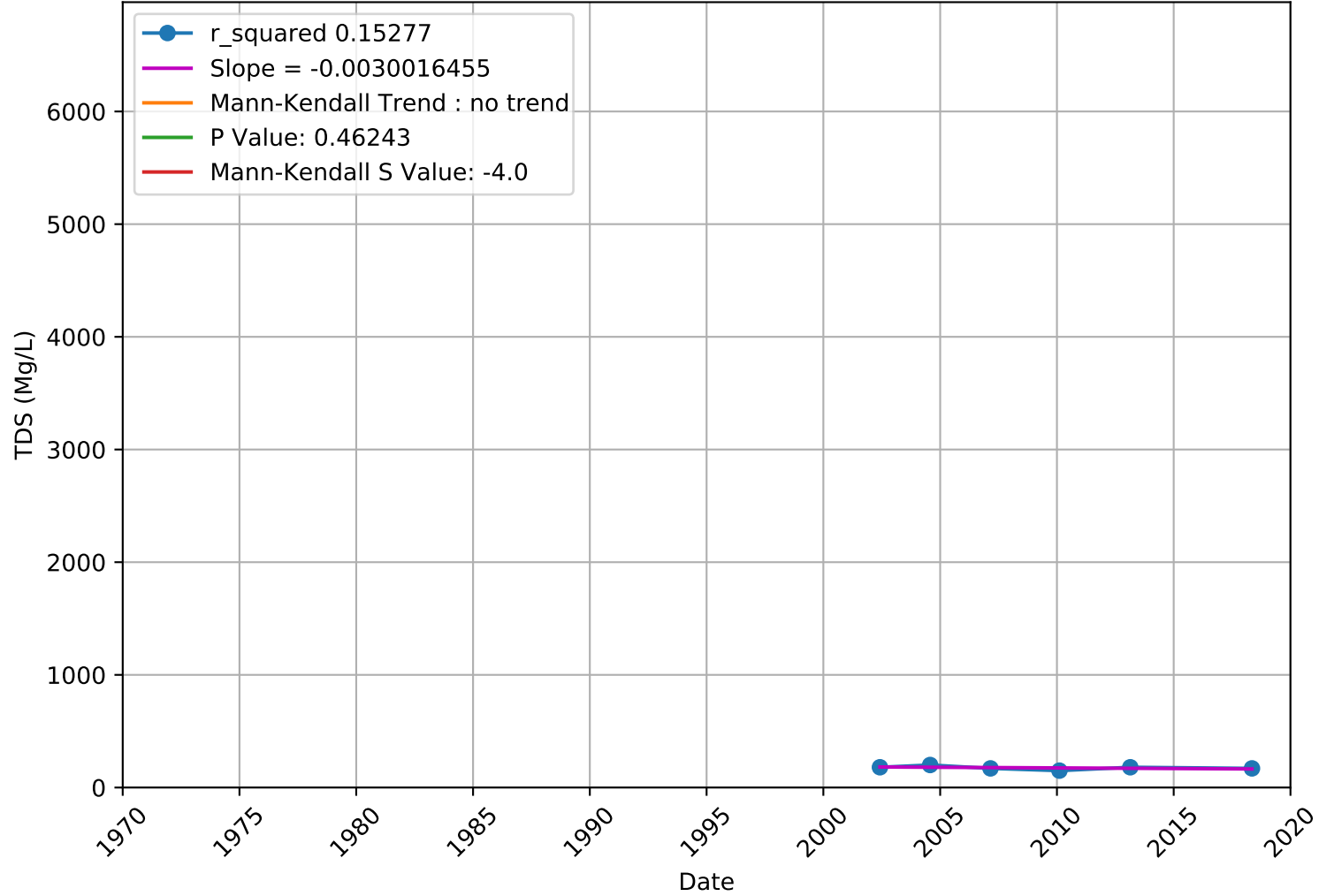
TDS

377656N1214199W003 - Lower Aquifer



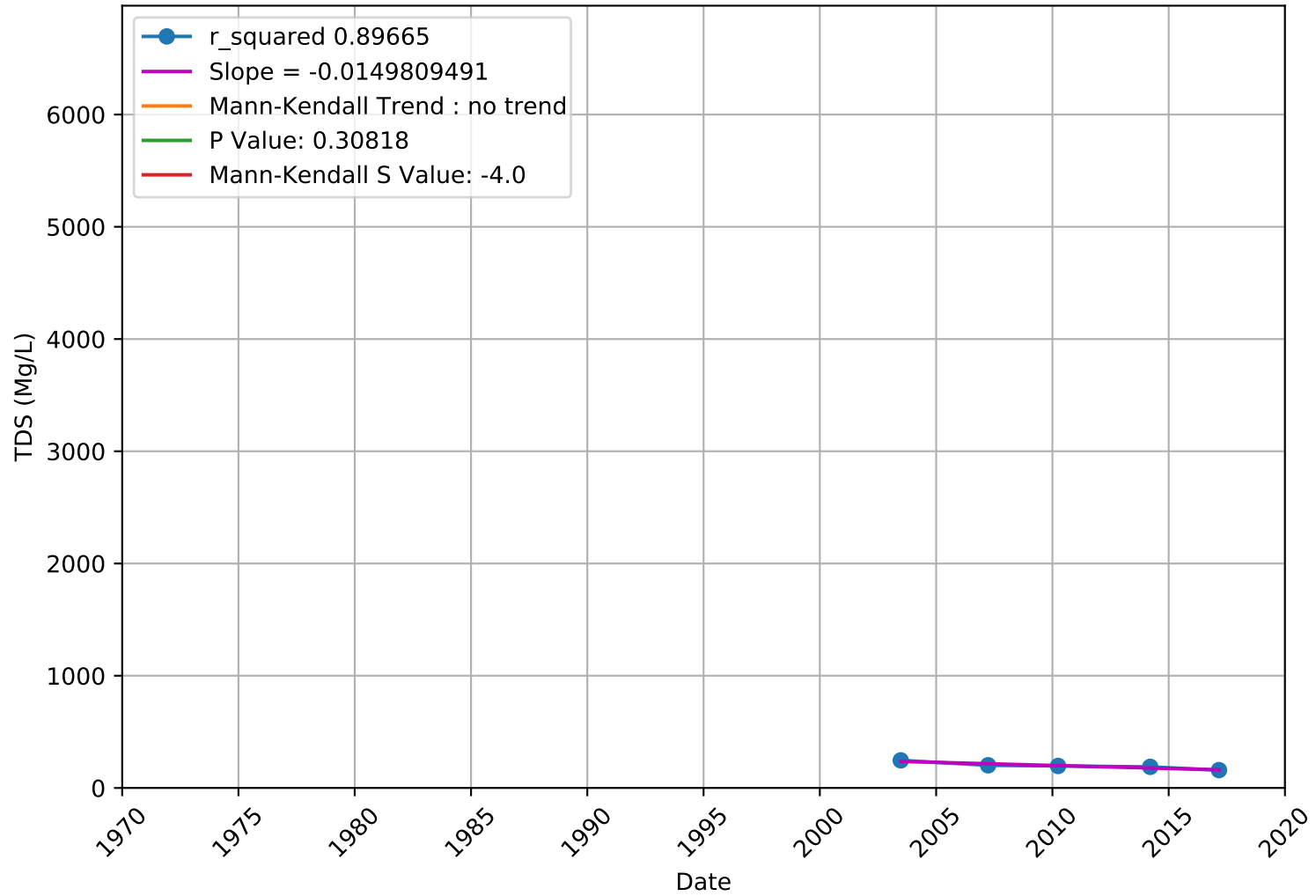
TDS

3900558-002 - Unknown Aquifer



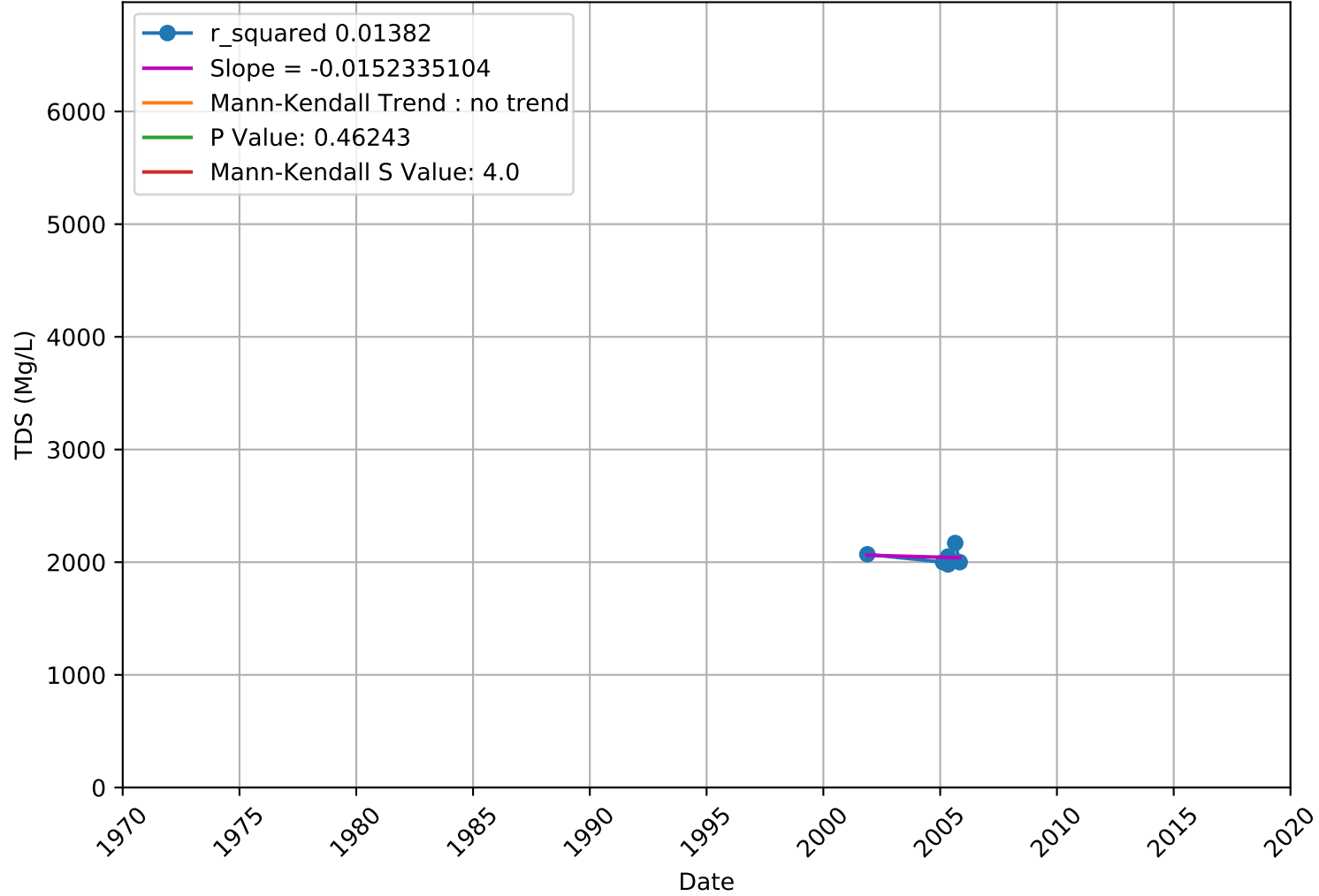
TDS

3900559-001 - Unknown Aquifer



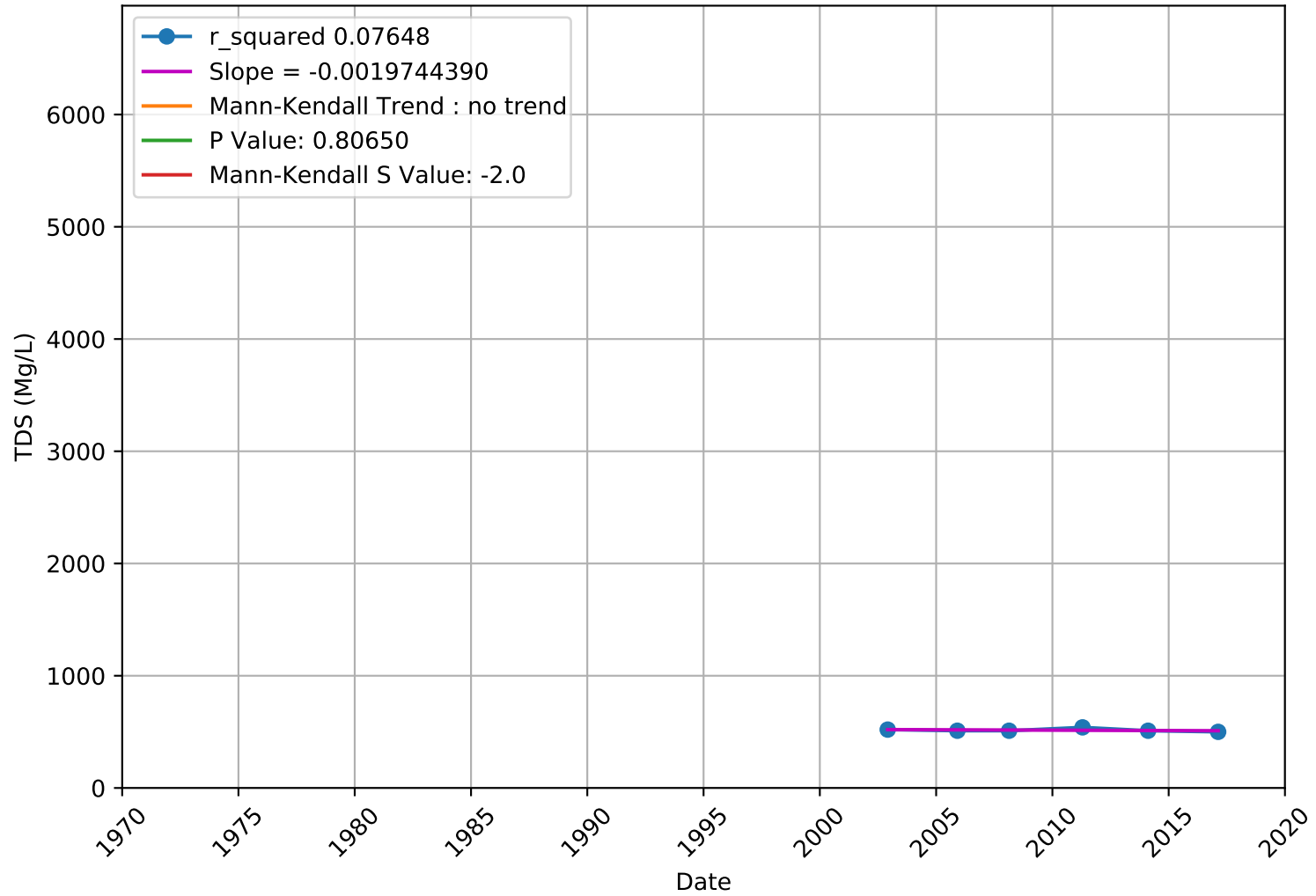
TDS

3900583-001 - Unknown Aquifer



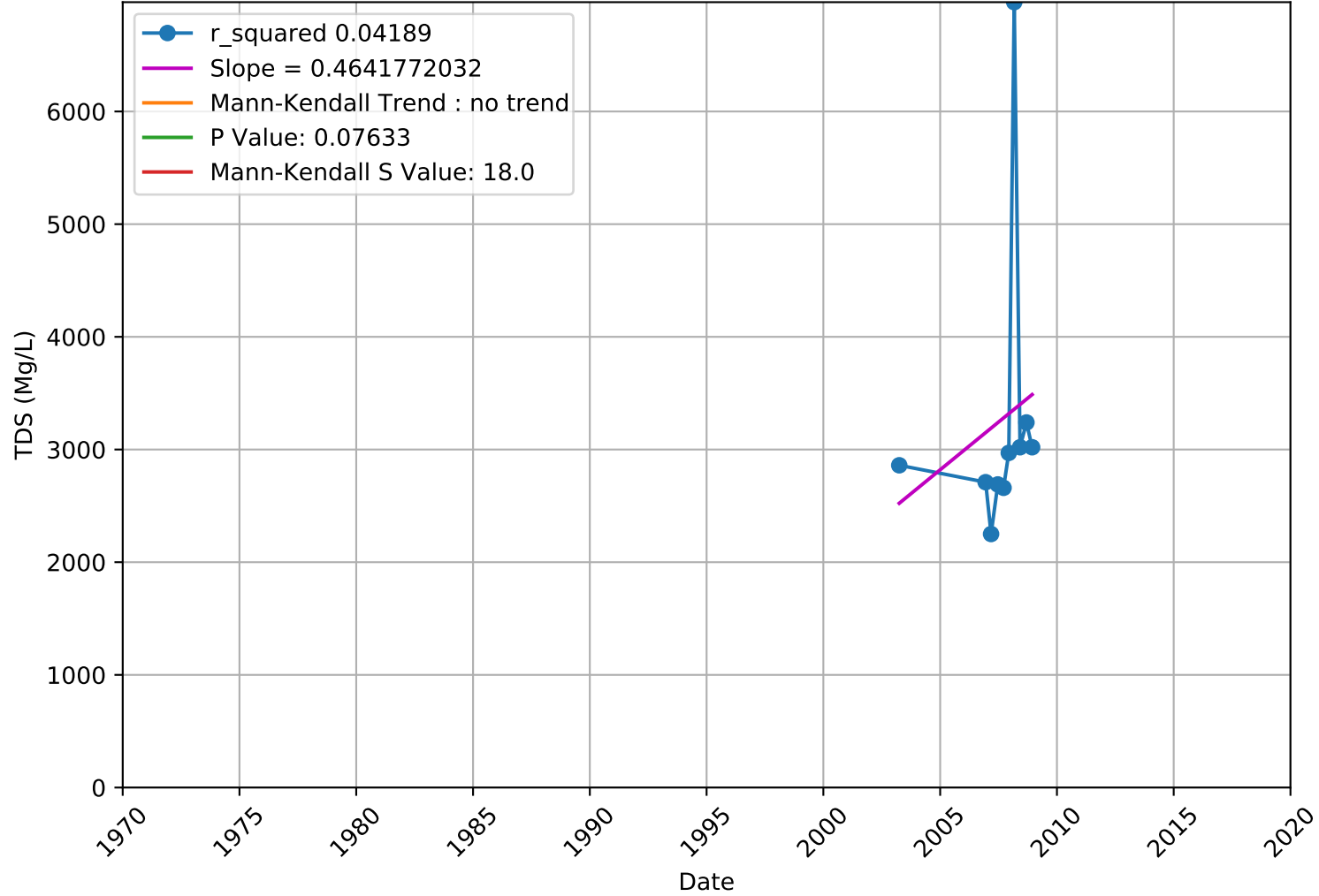
TDS

3900702-001 - Unknown Aquifer



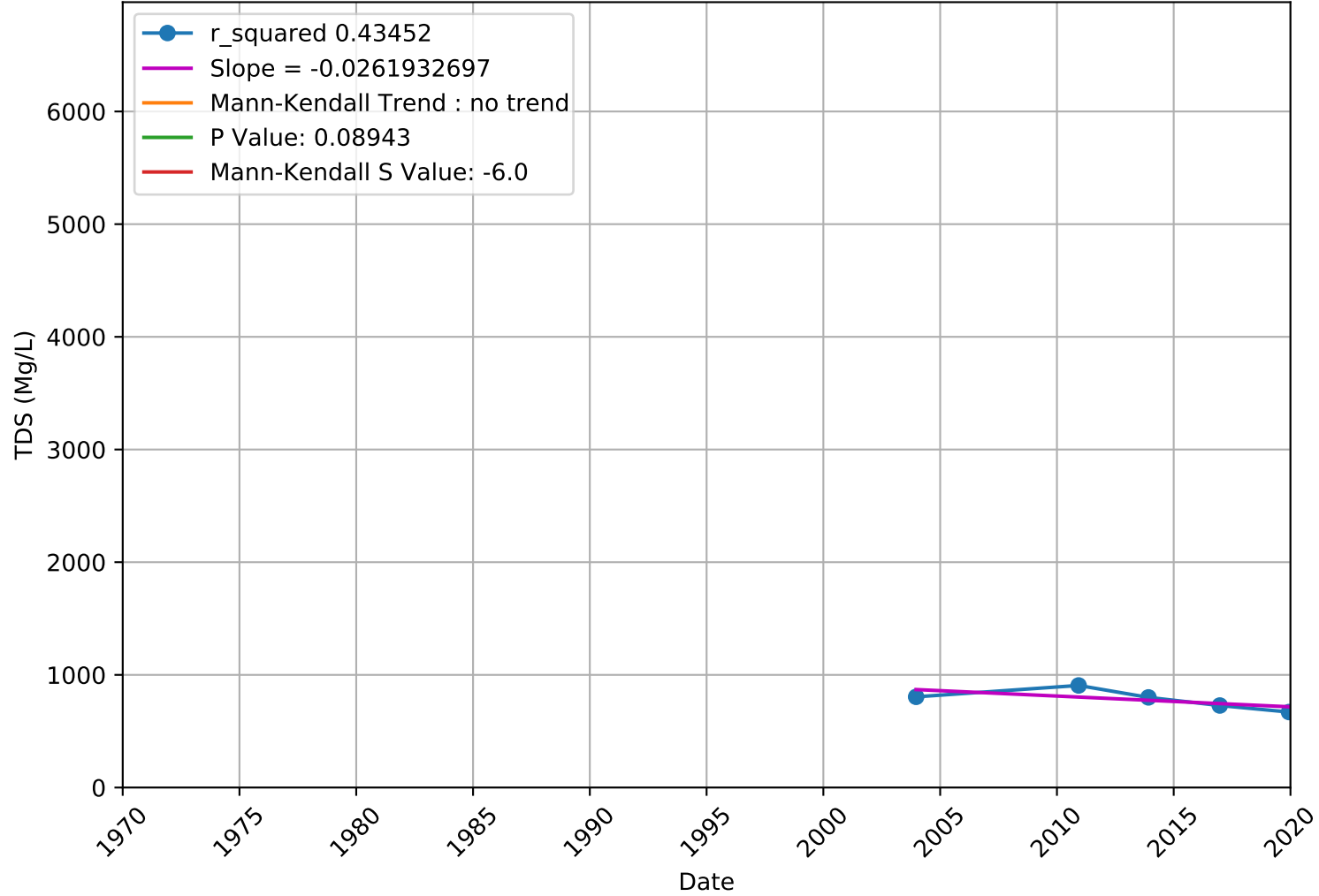
TDS

3900713-001 - Unknown Aquifer



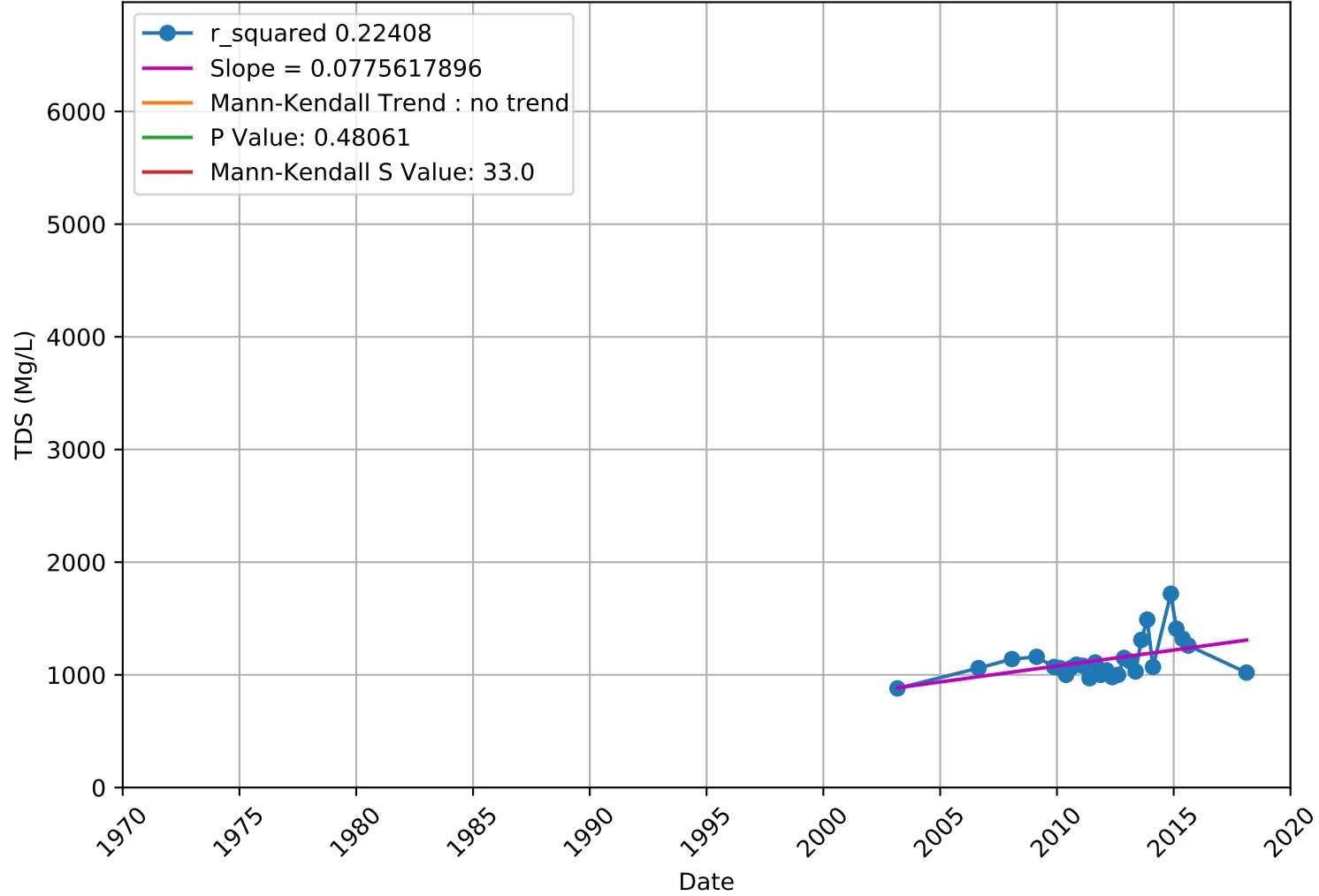
TDS

3900991-001 - Unknown Aquifer



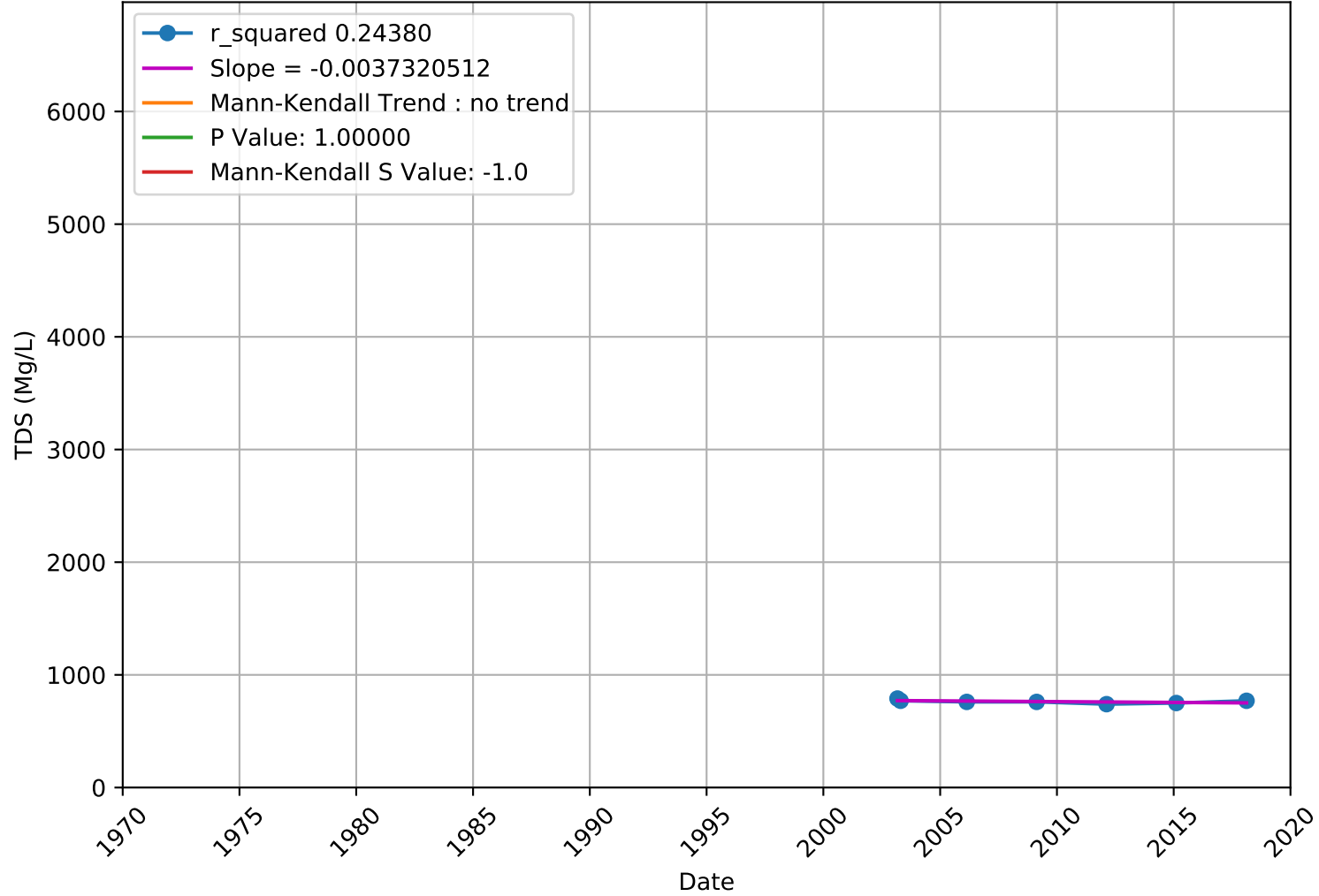
TDS

3901172-002 - Unknown Aquifer



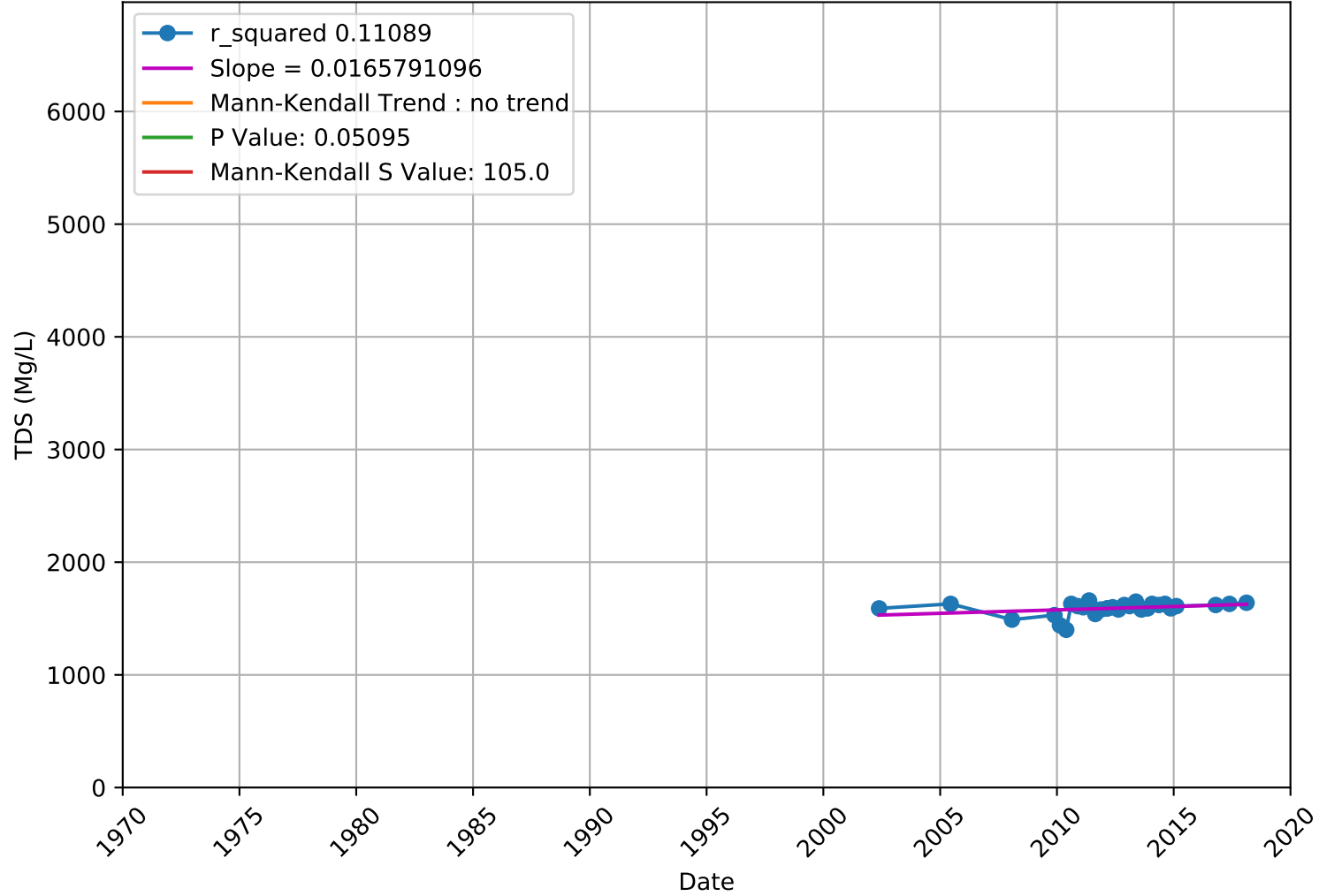
TDS

3901172-003 - Unknown Aquifer



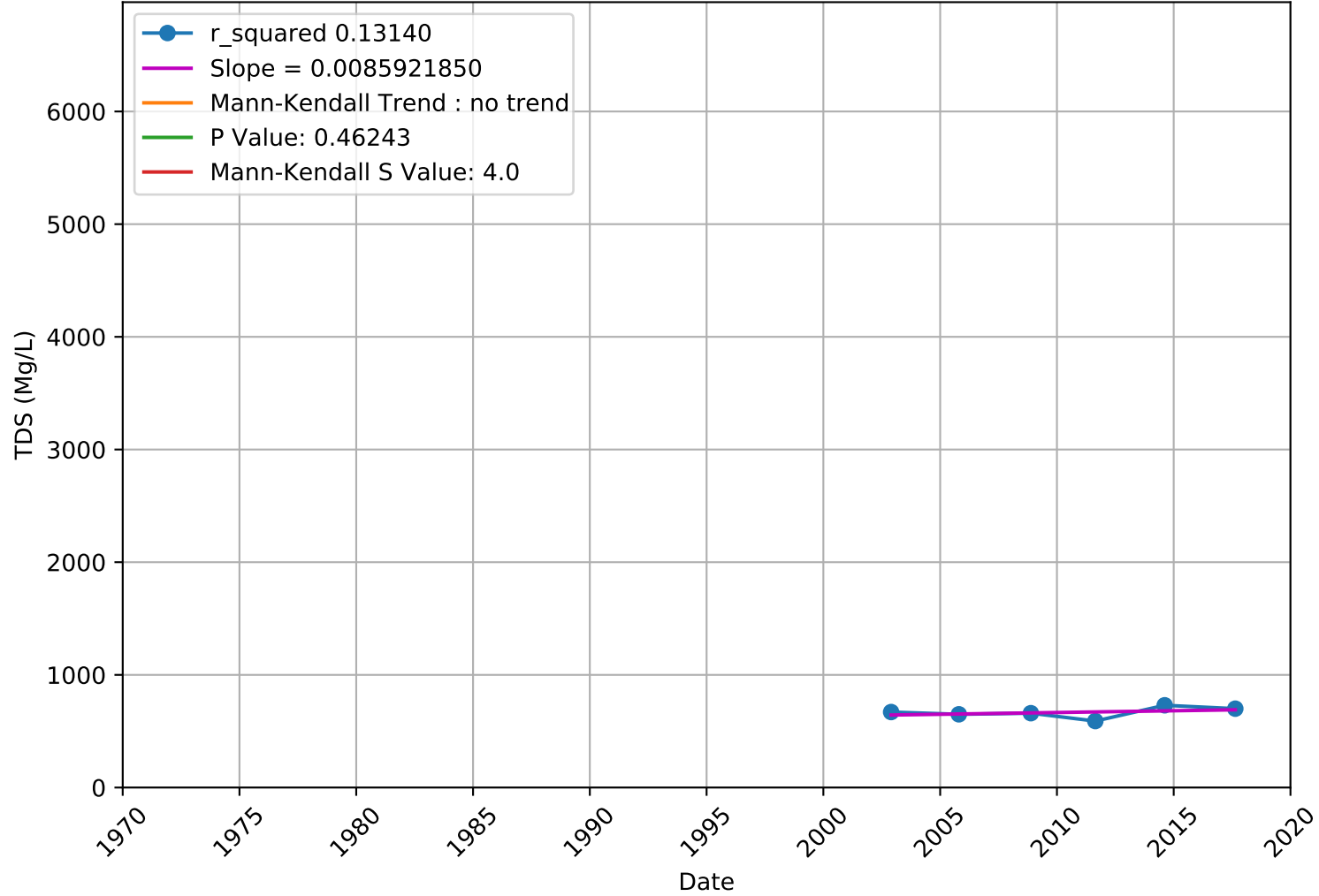
TDS

3901216-002 - Unknown Aquifer



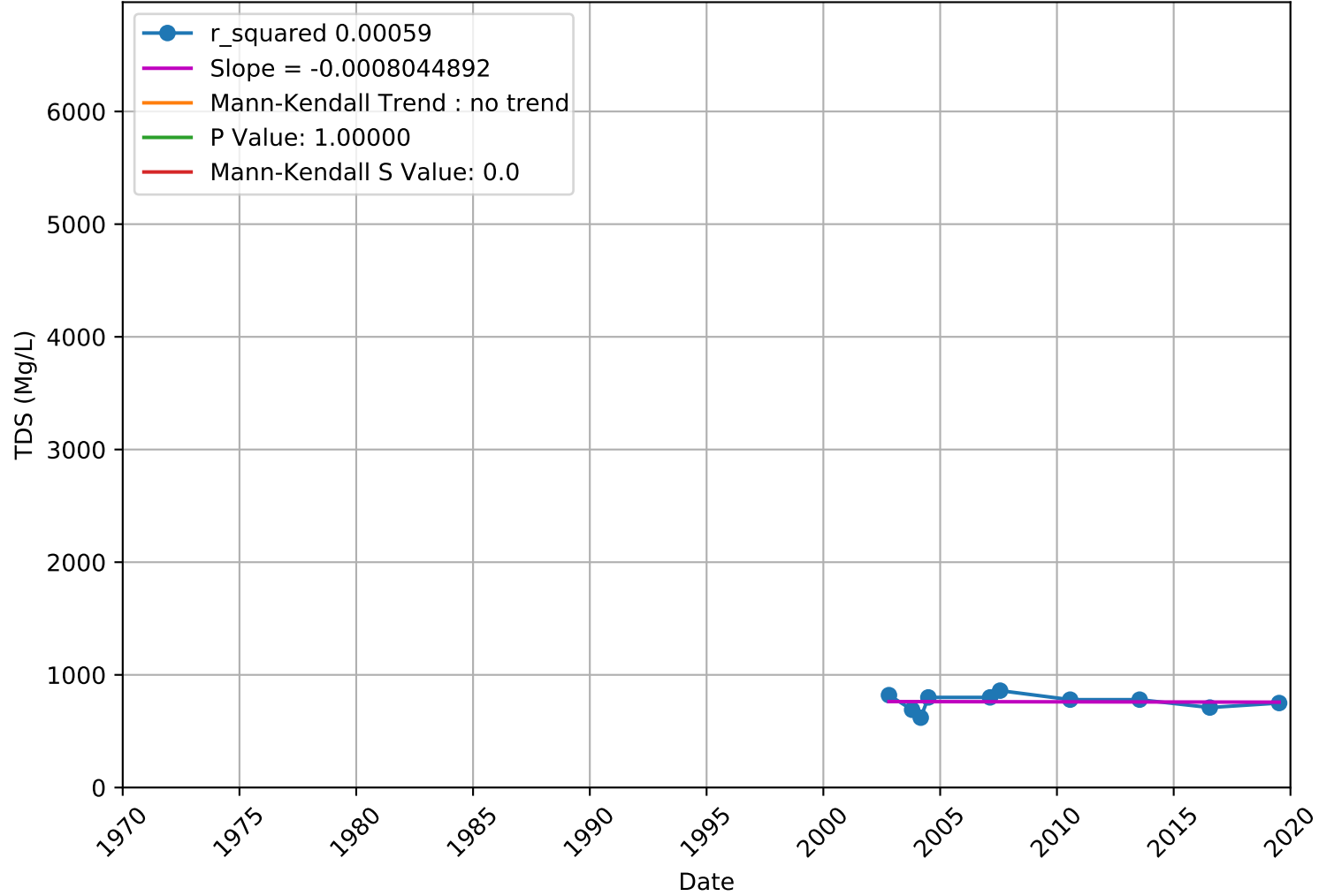
TDS

3901348-002 - Unknown Aquifer



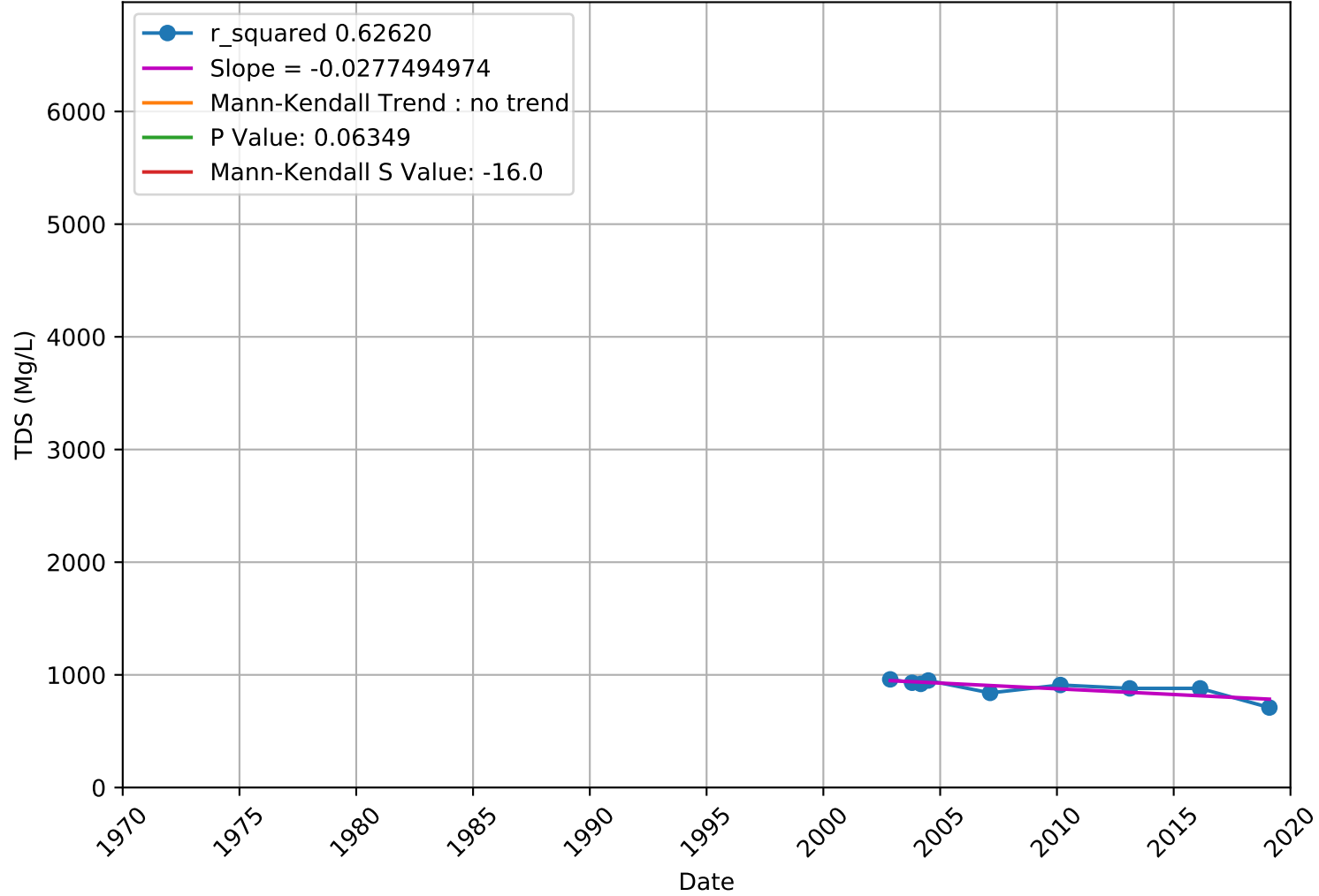
TDS

3901348-003 - Unknown Aquifer



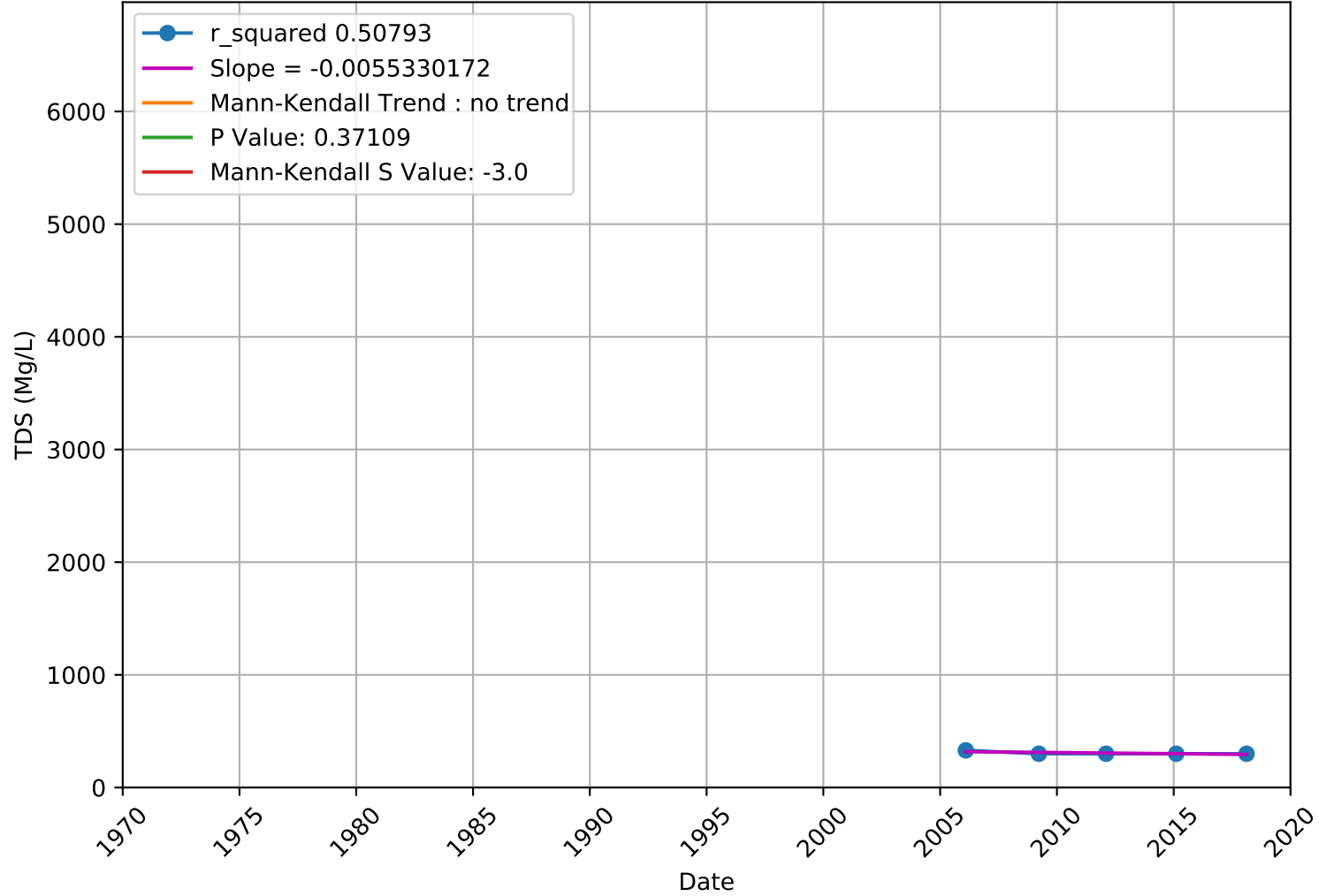
TDS

3901348-004 - Unknown Aquifer



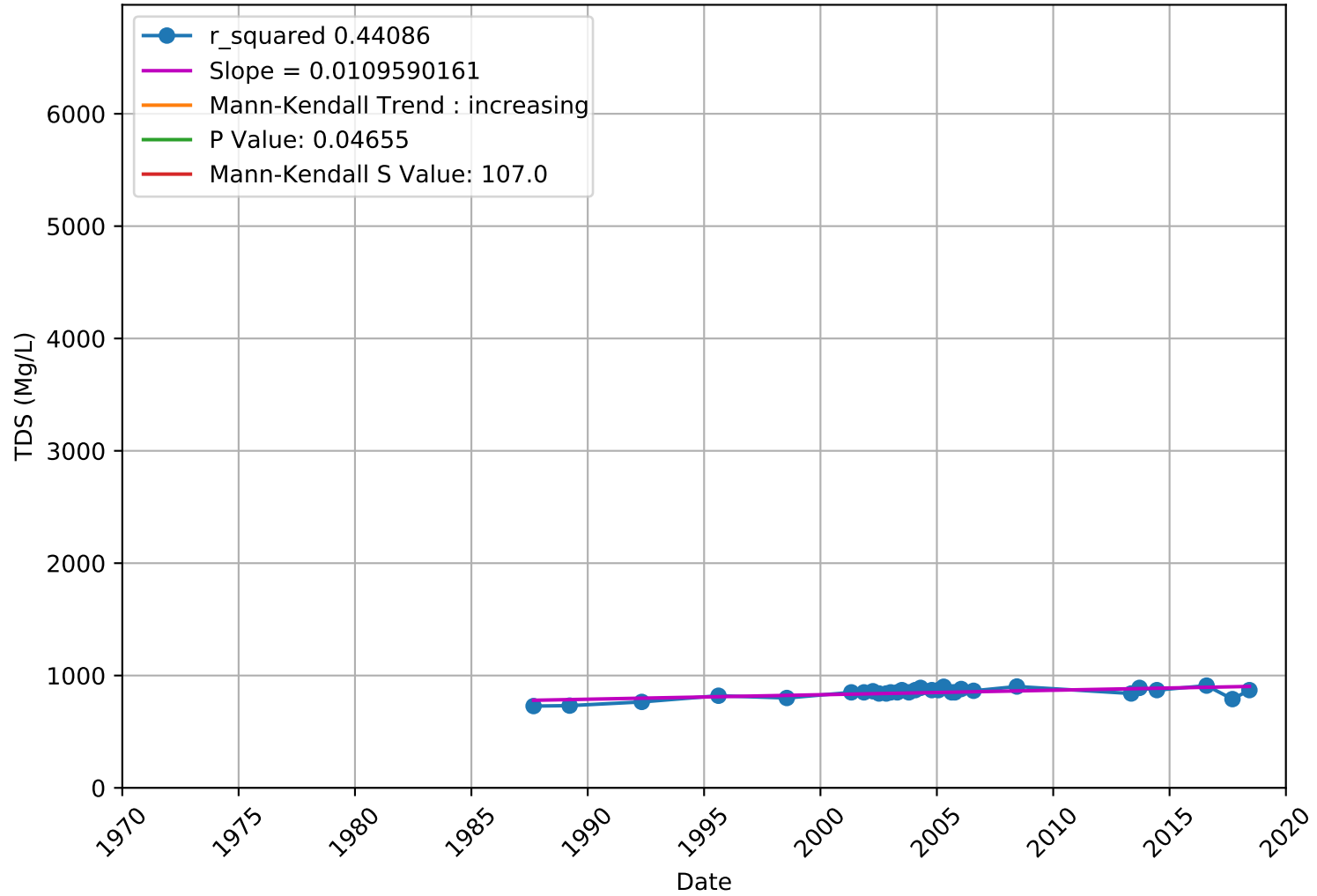
TDS

3910005-044 - Unknown Aquifer



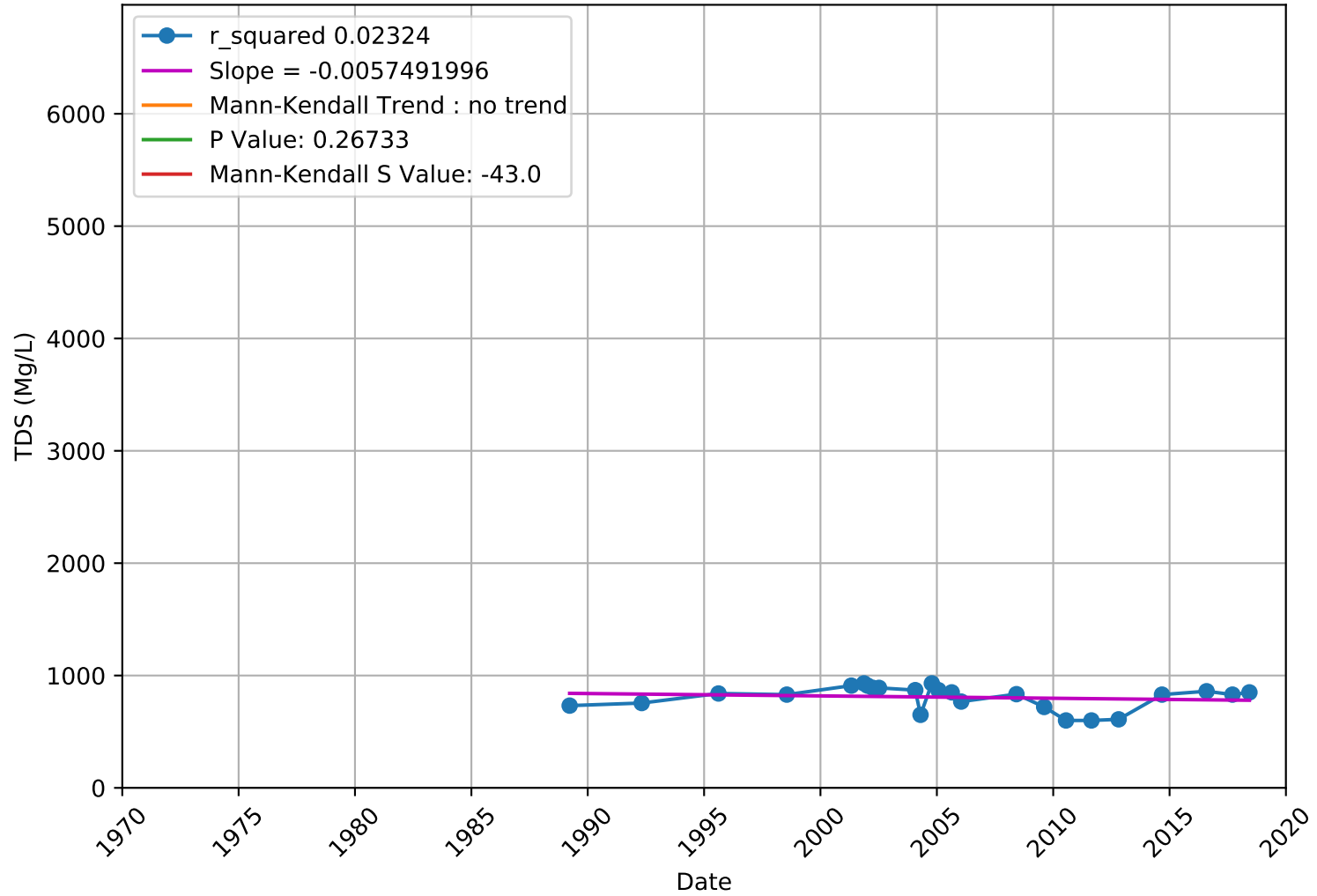
TDS

3910011-003 - Lower Aquifer

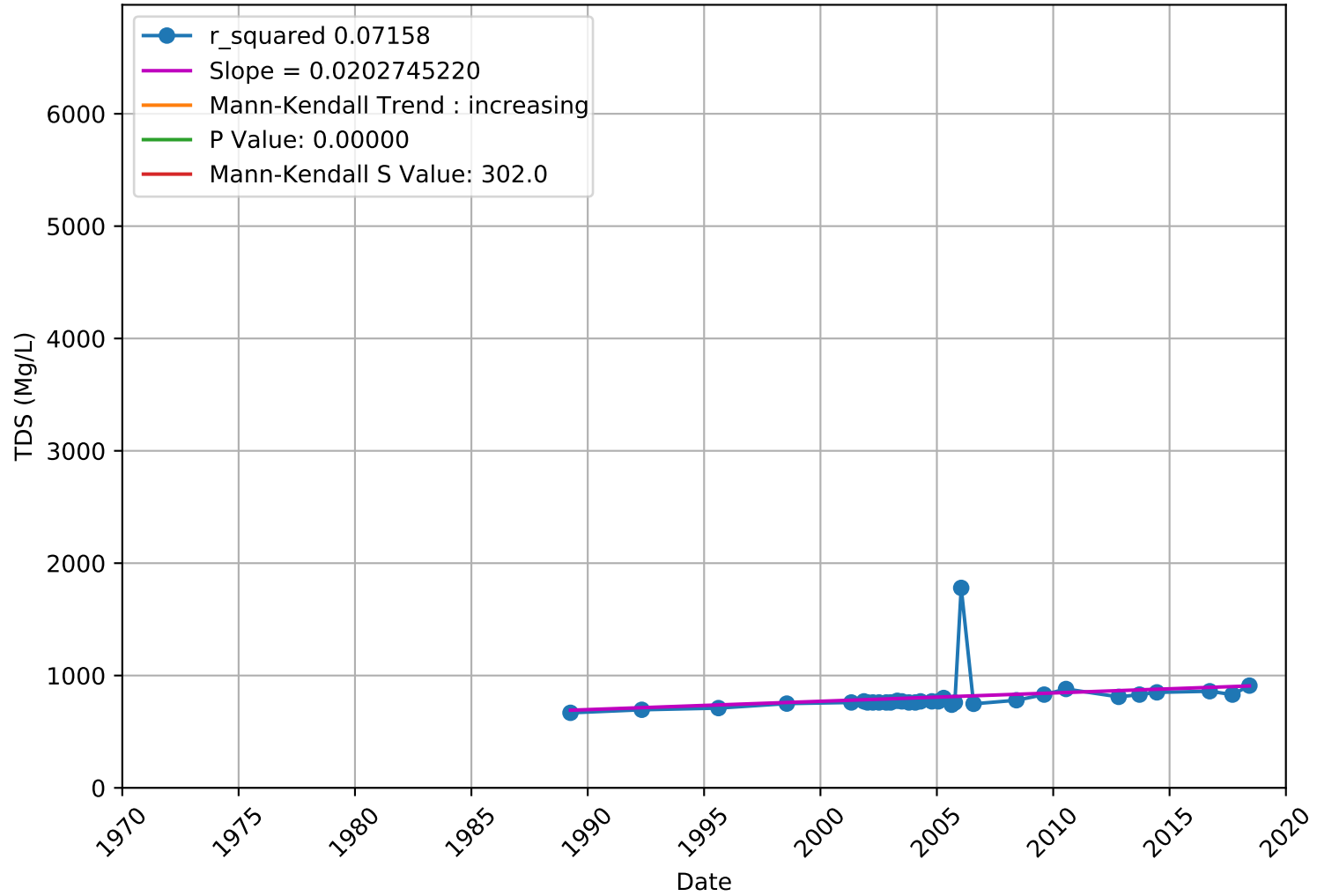


TDS

3910011-004 - Lower Aquifer

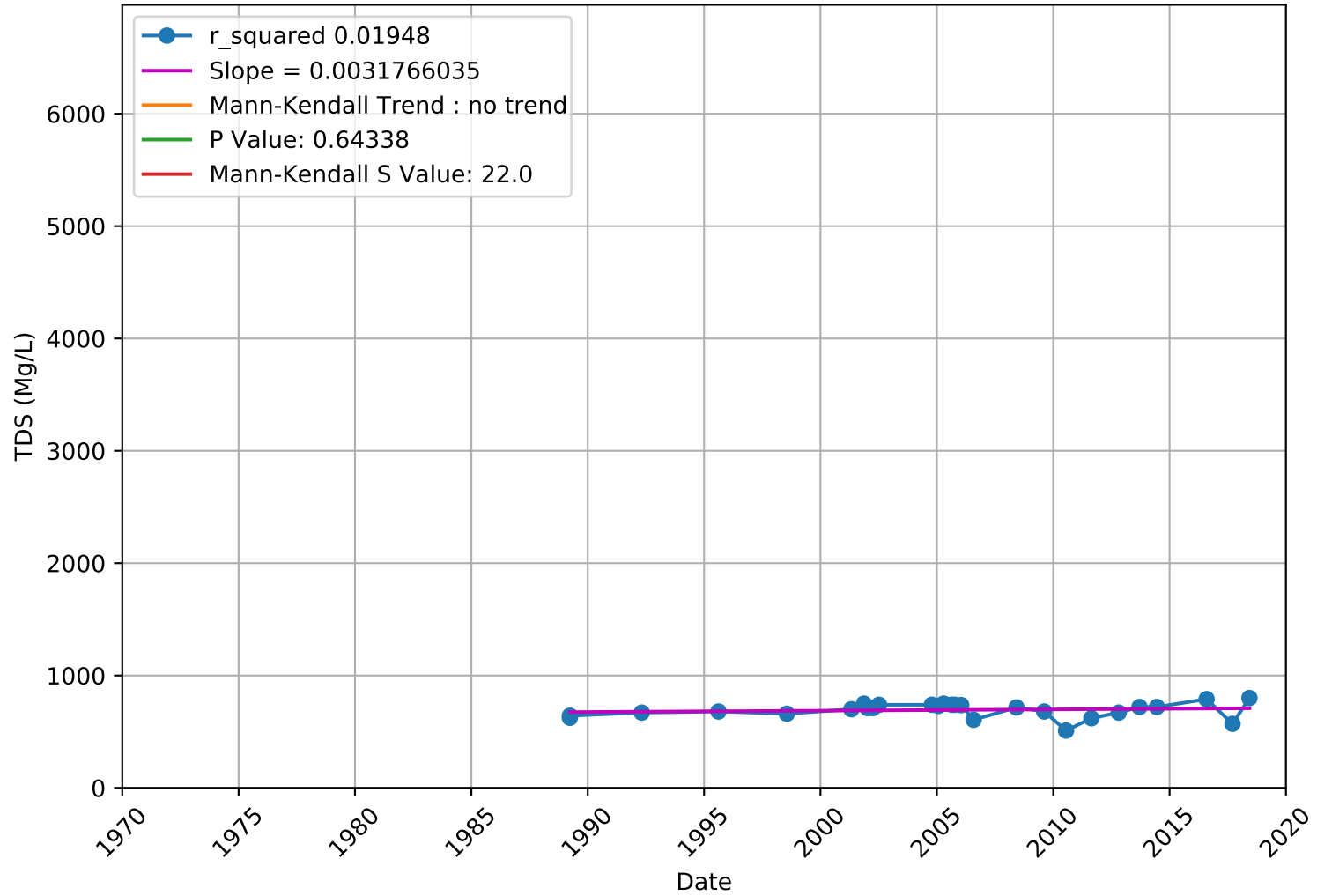


TDS 3910011-005 - Lower Aquifer



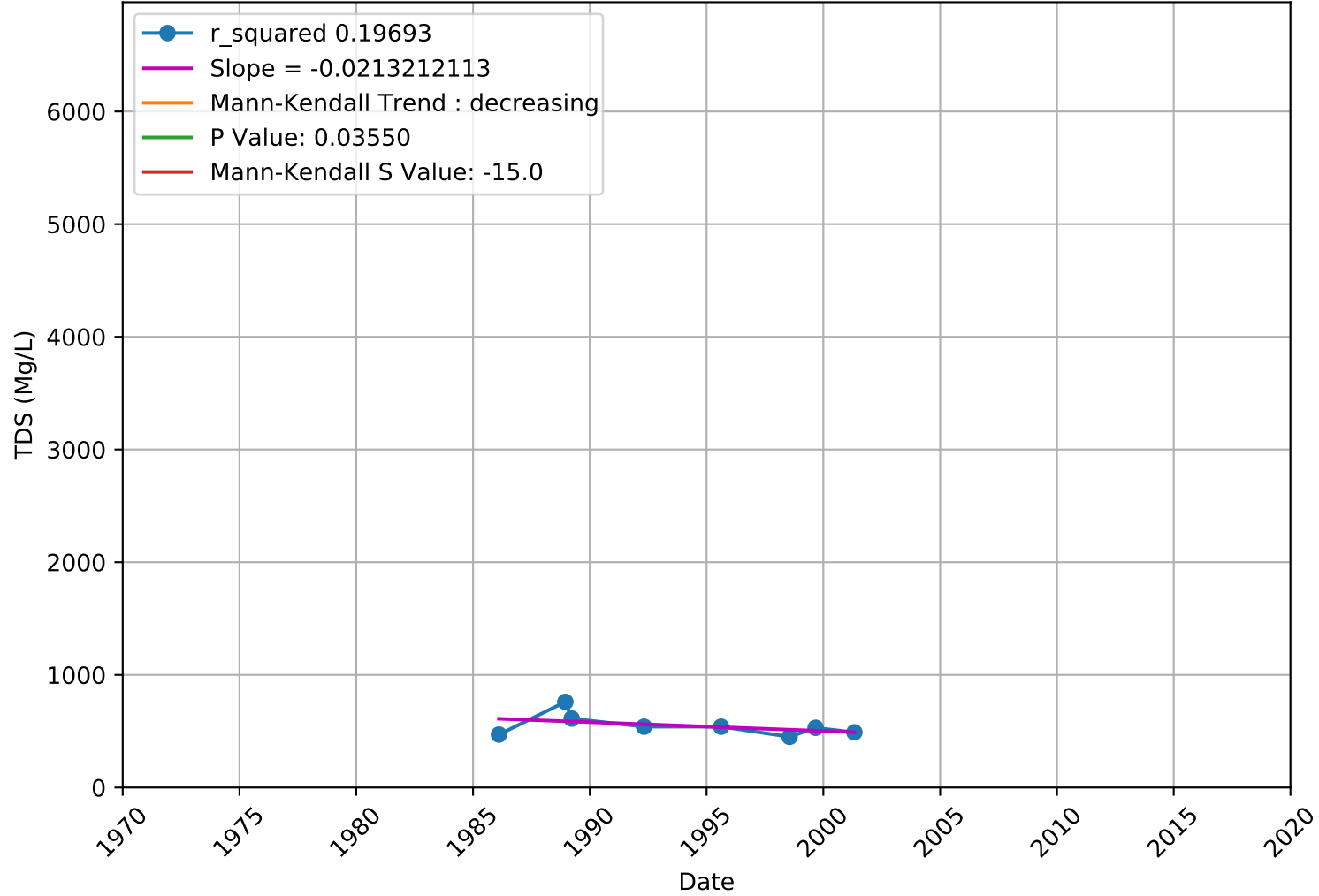
TDS

3910011-006 - Lower Aquifer



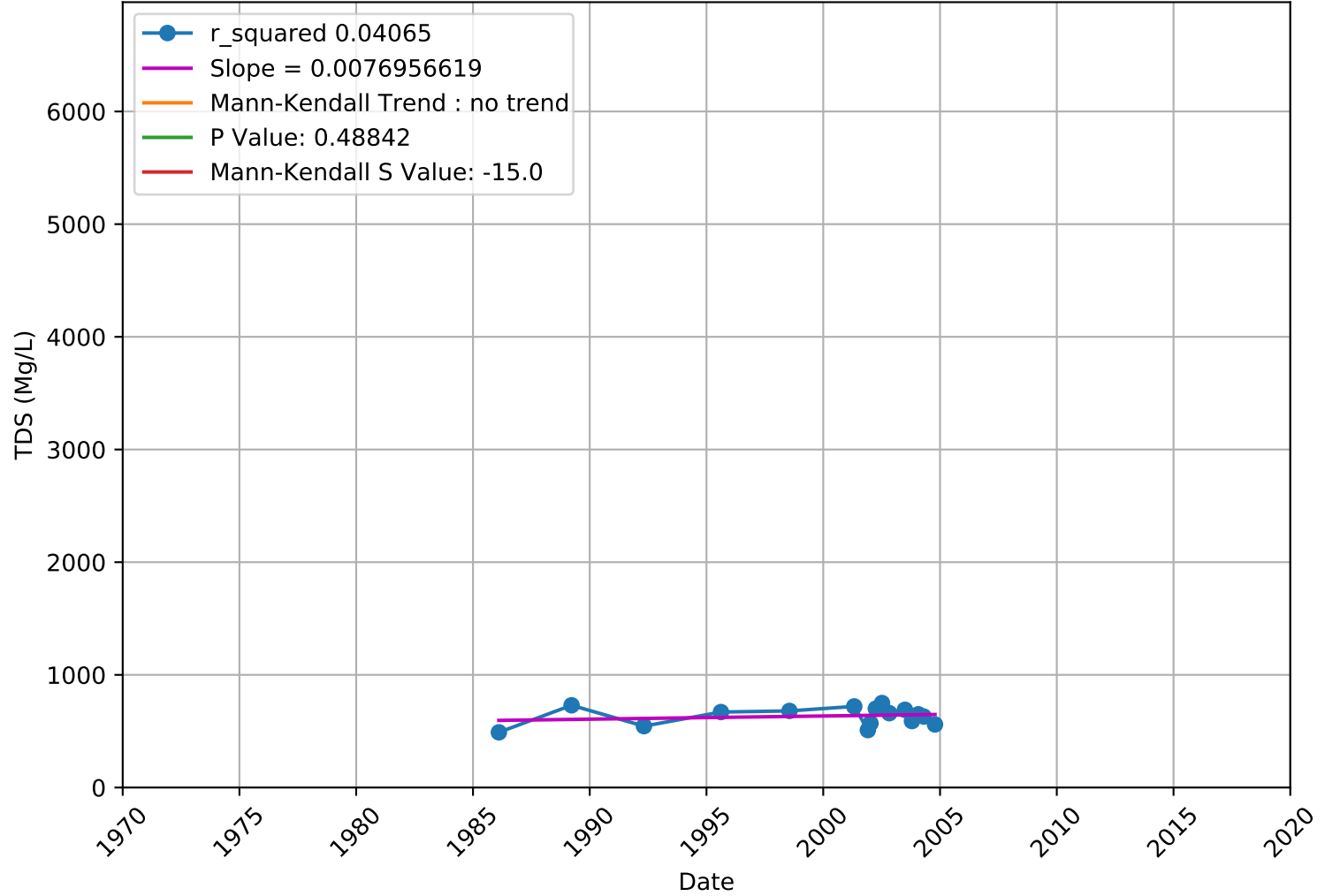
TDS

3910011-007 - Unknown Aquifer



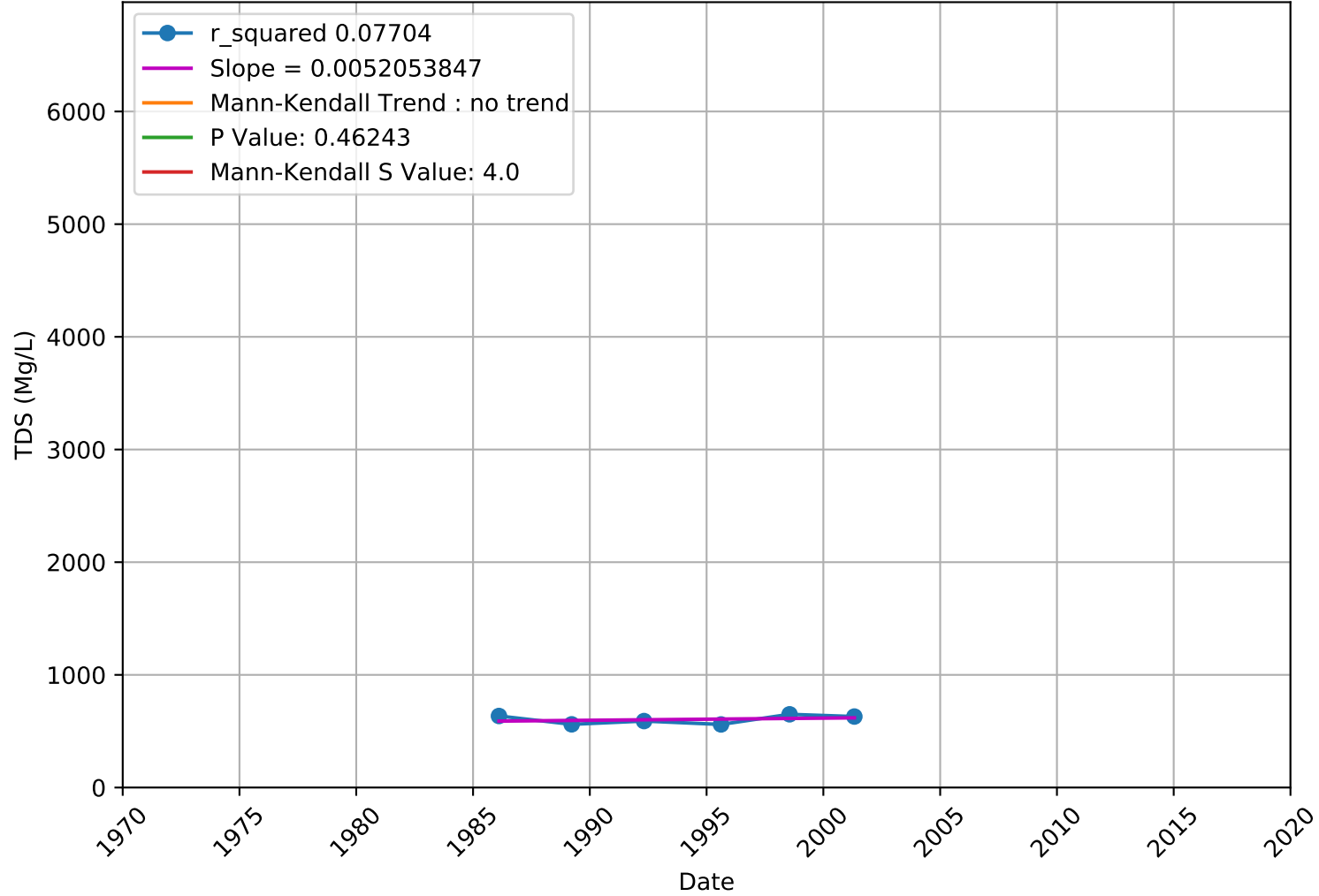
TDS

3910011-010 - Unknown Aquifer



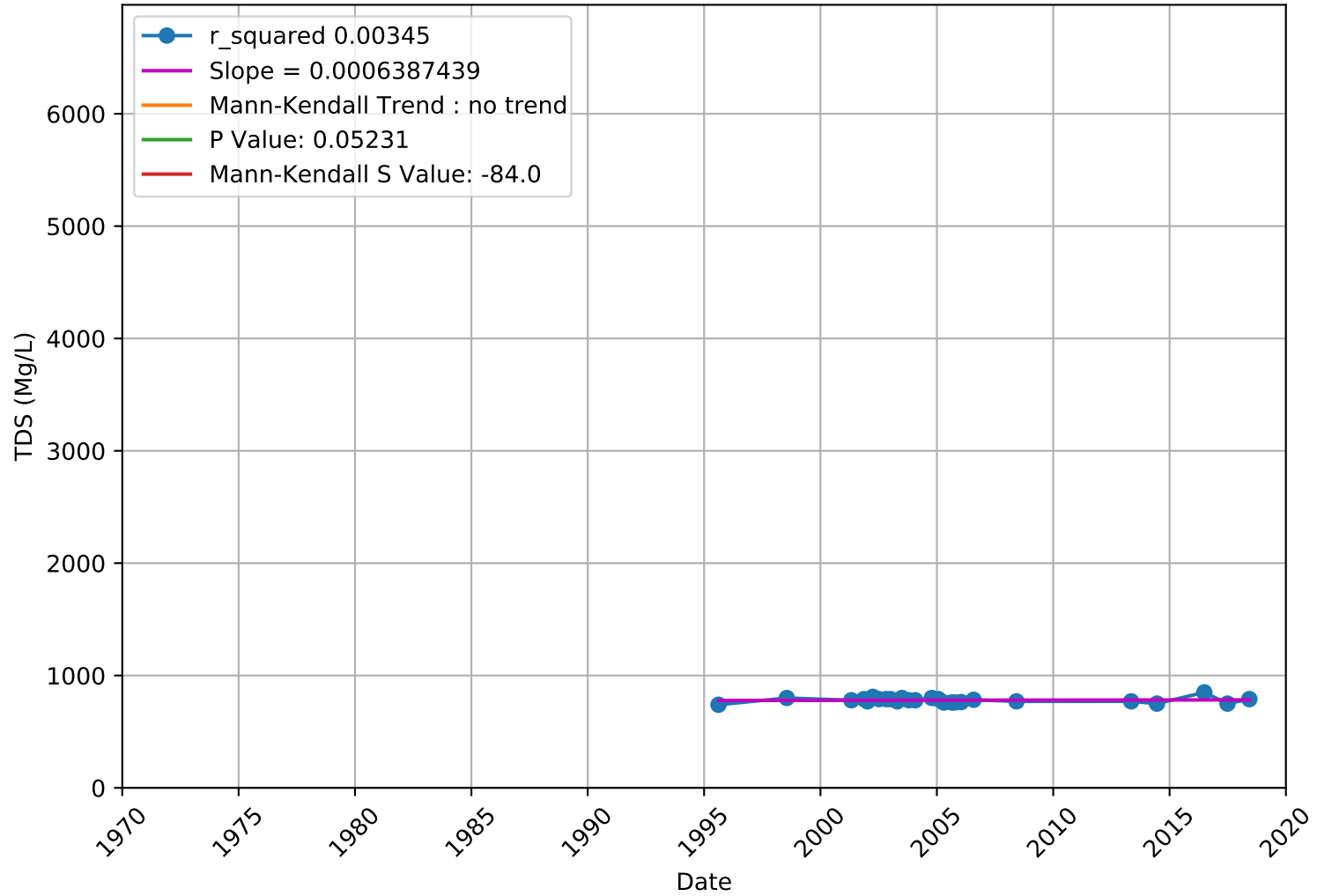
TDS

3910011-017 - Unknown Aquifer

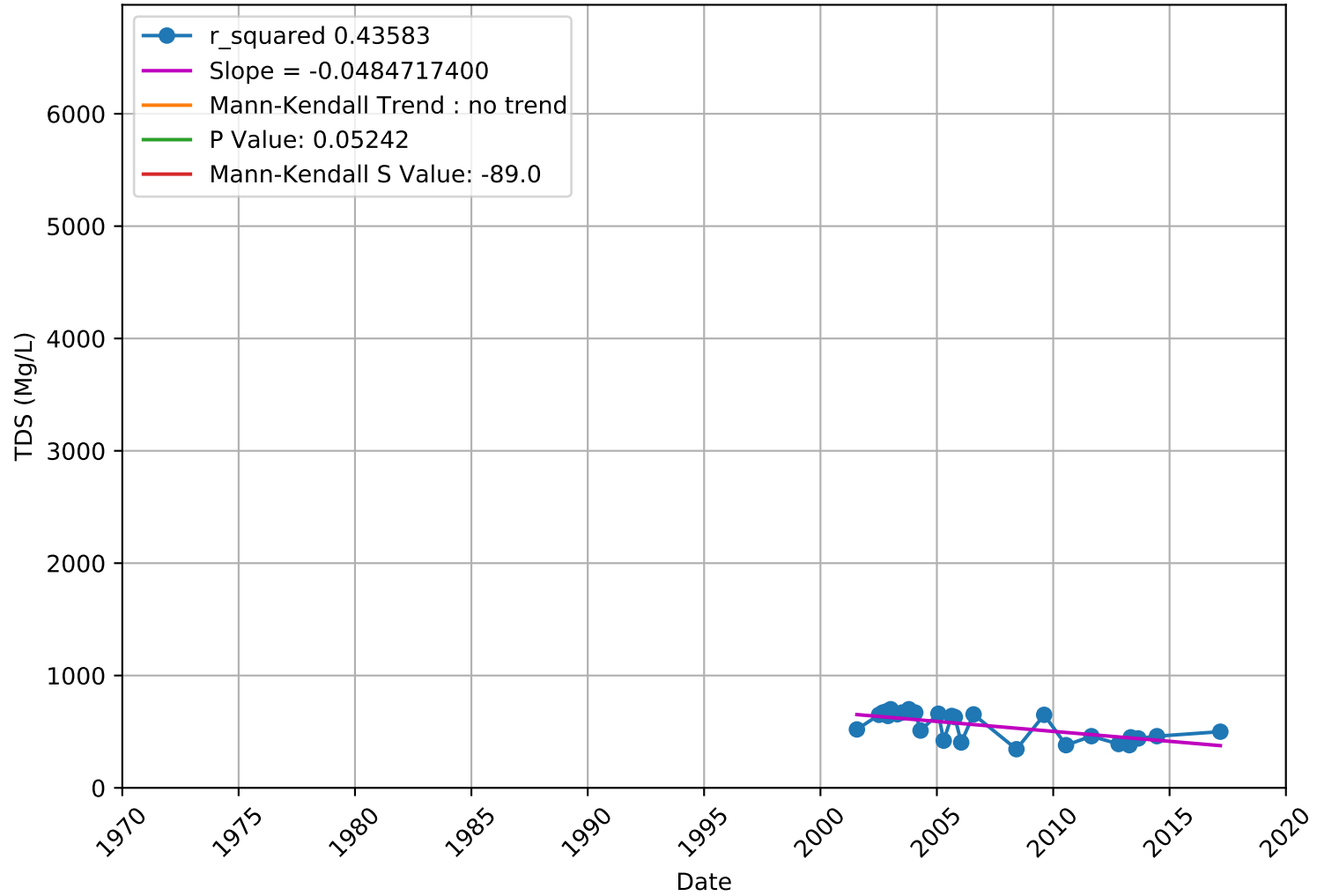


TDS

3910011-018 - Lower Aquifer

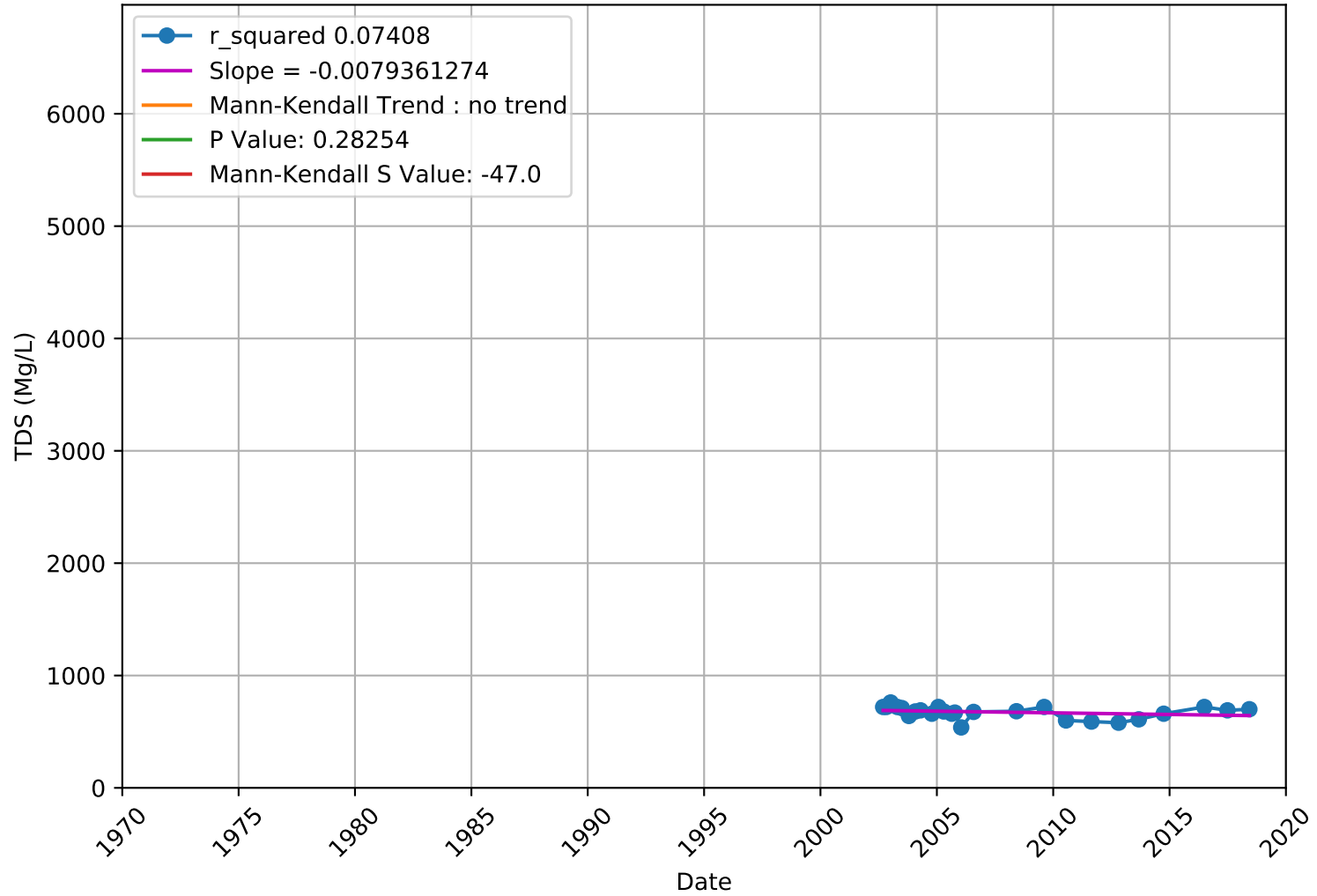


TDS 3910011-030 - Lower Aquifer



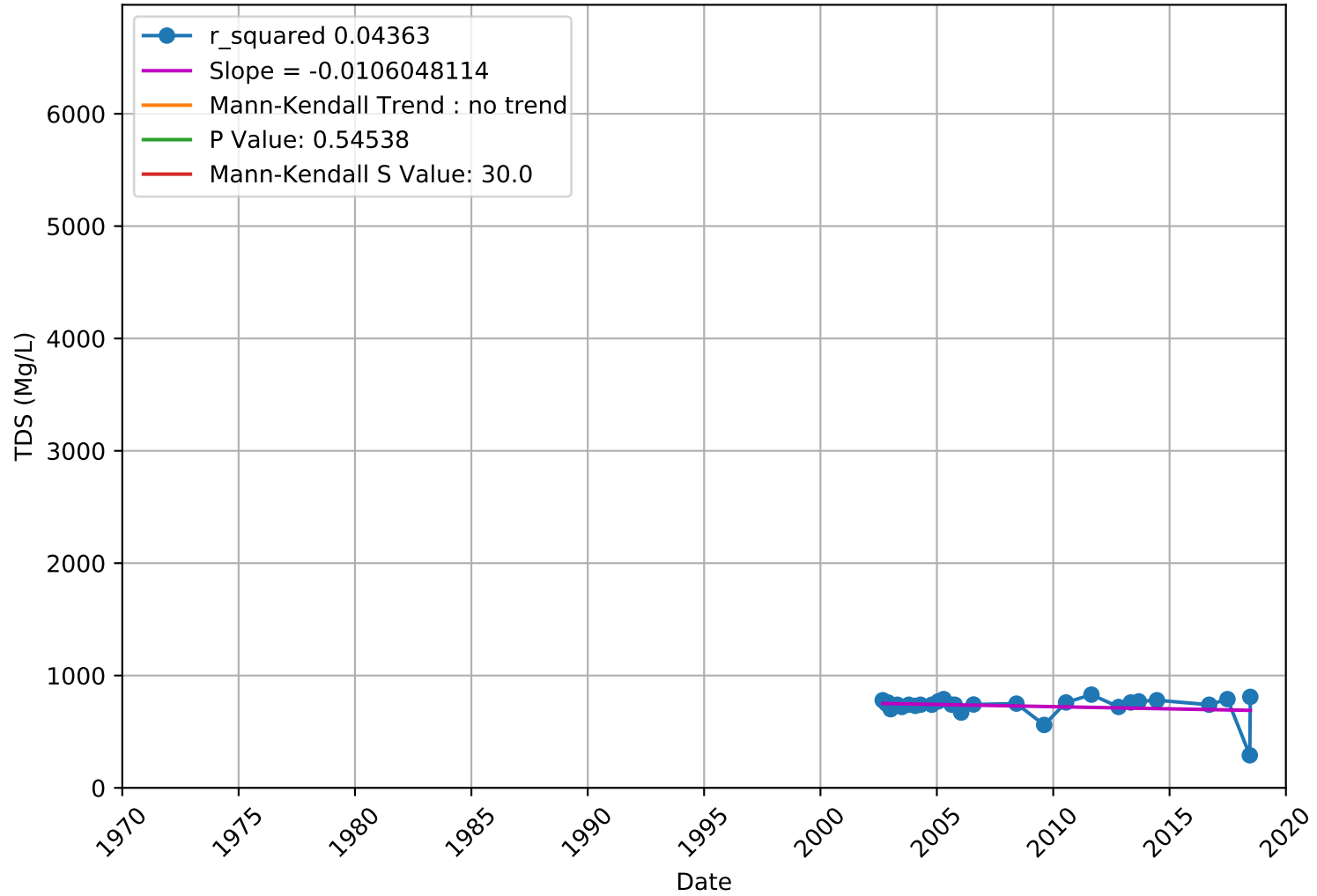
TDS

3910011-032 - Lower Aquifer



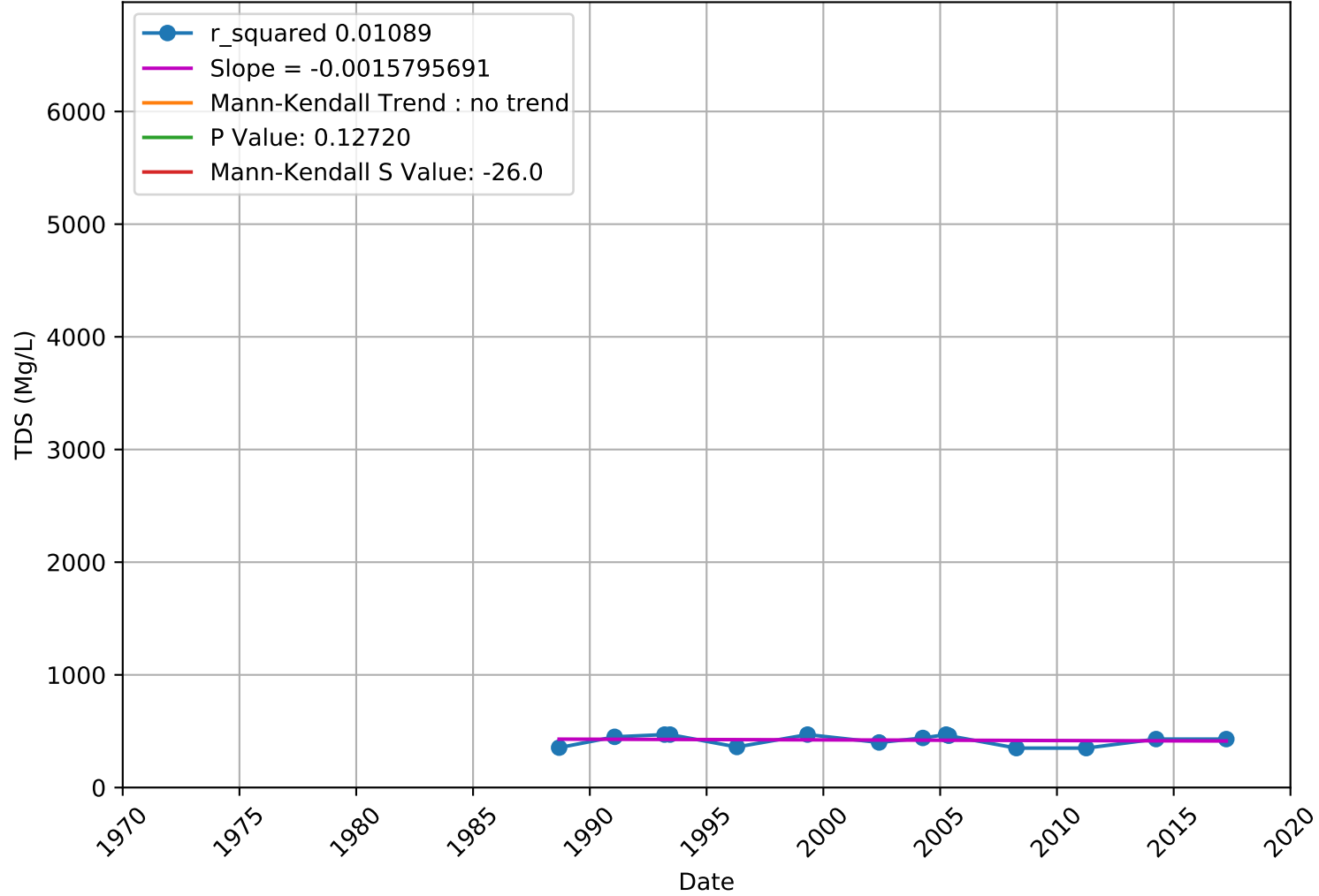
TDS

3910011-034 - Lower Aquifer



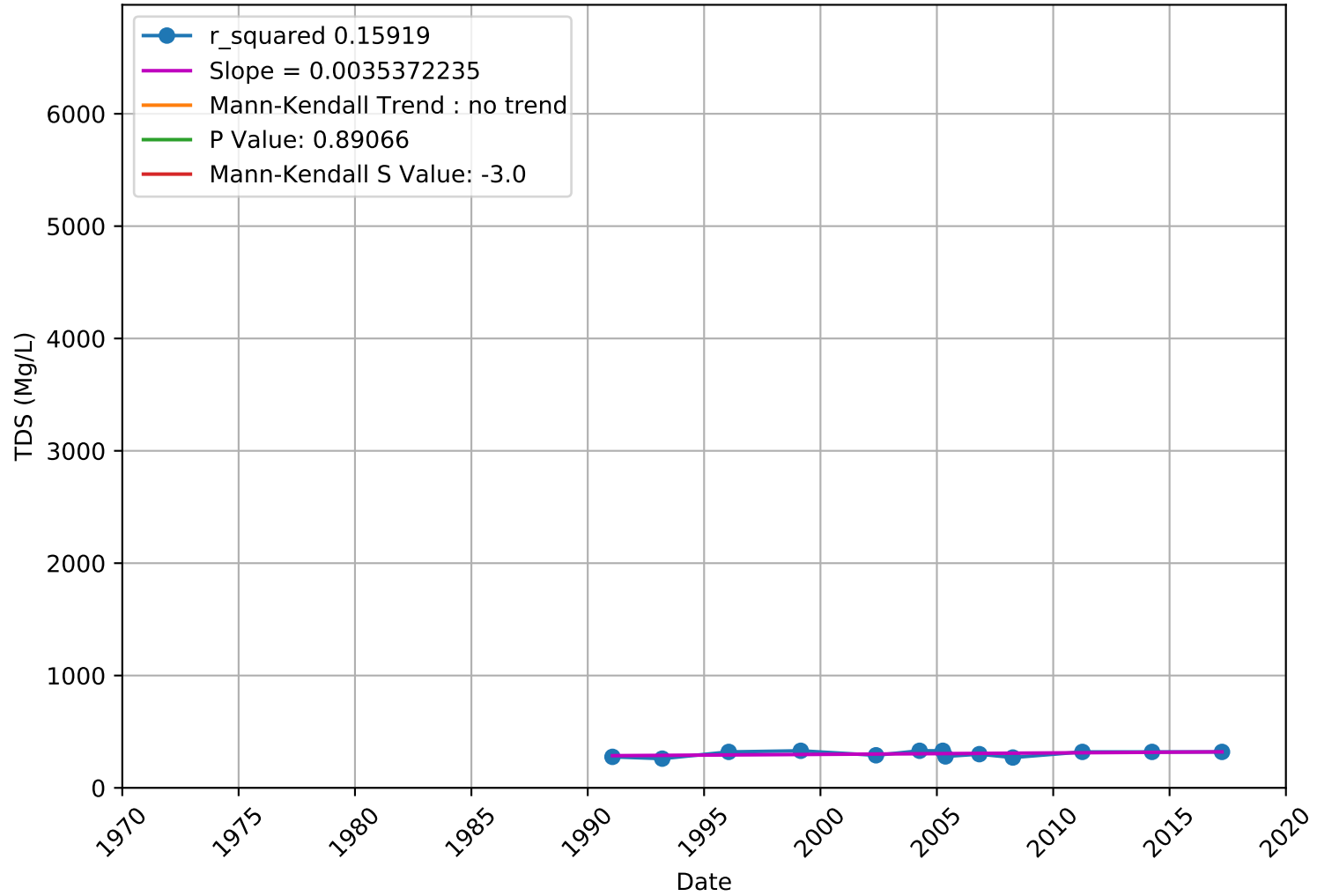
TDS

3910015-005 - Upper Aquifer



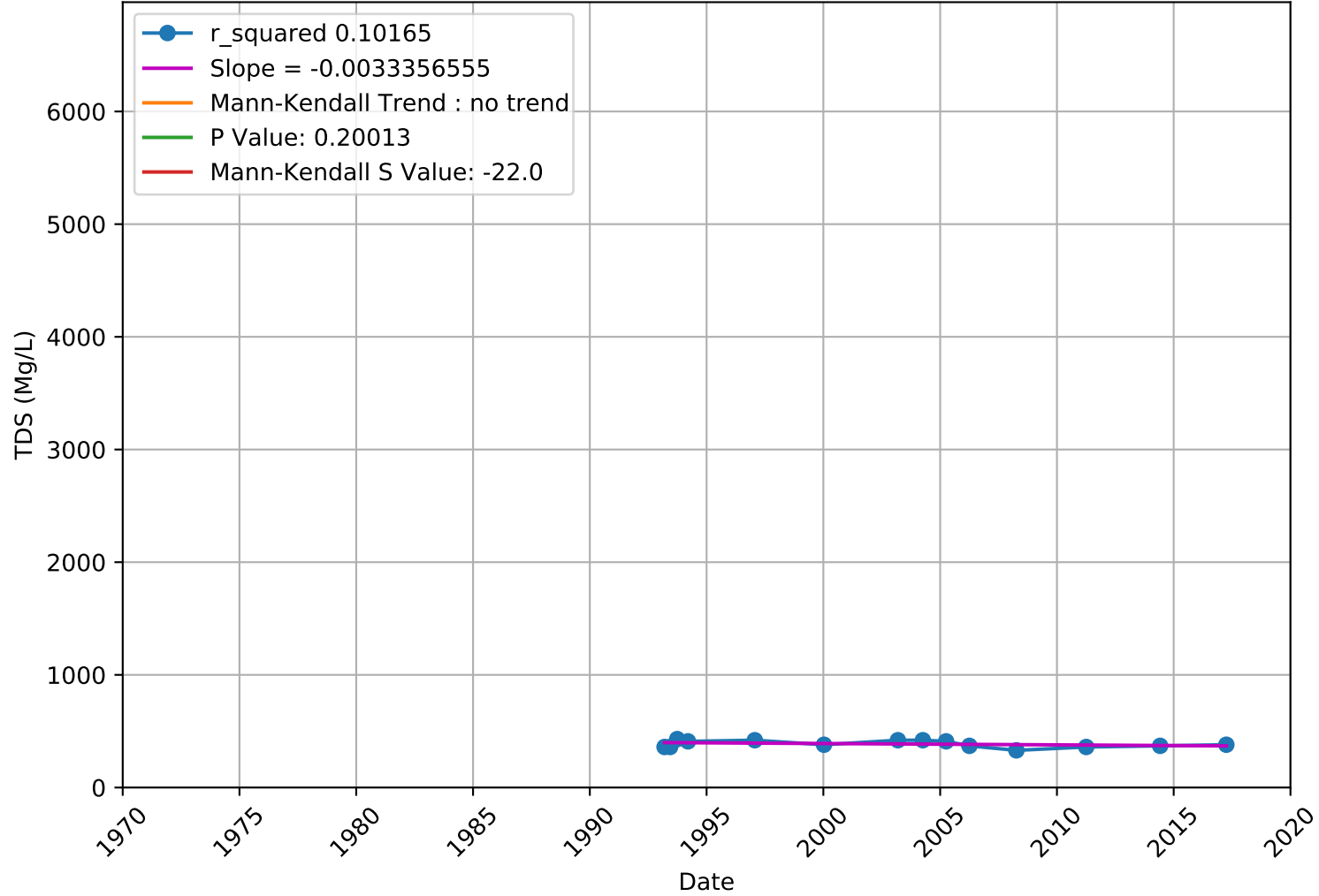
TDS

3910015-006 - Upper Aquifer



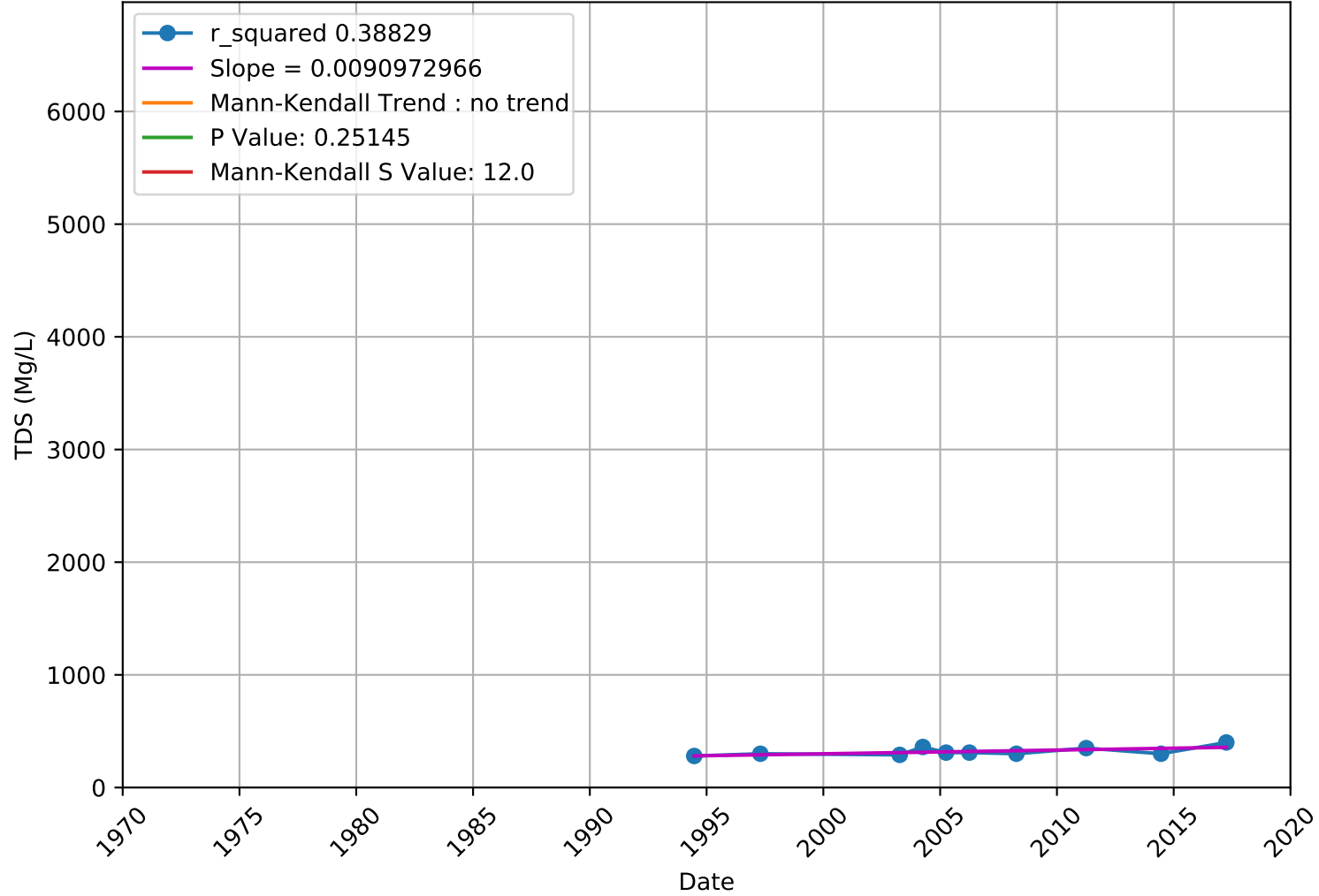
TDS

3910015-007 - Upper Aquifer



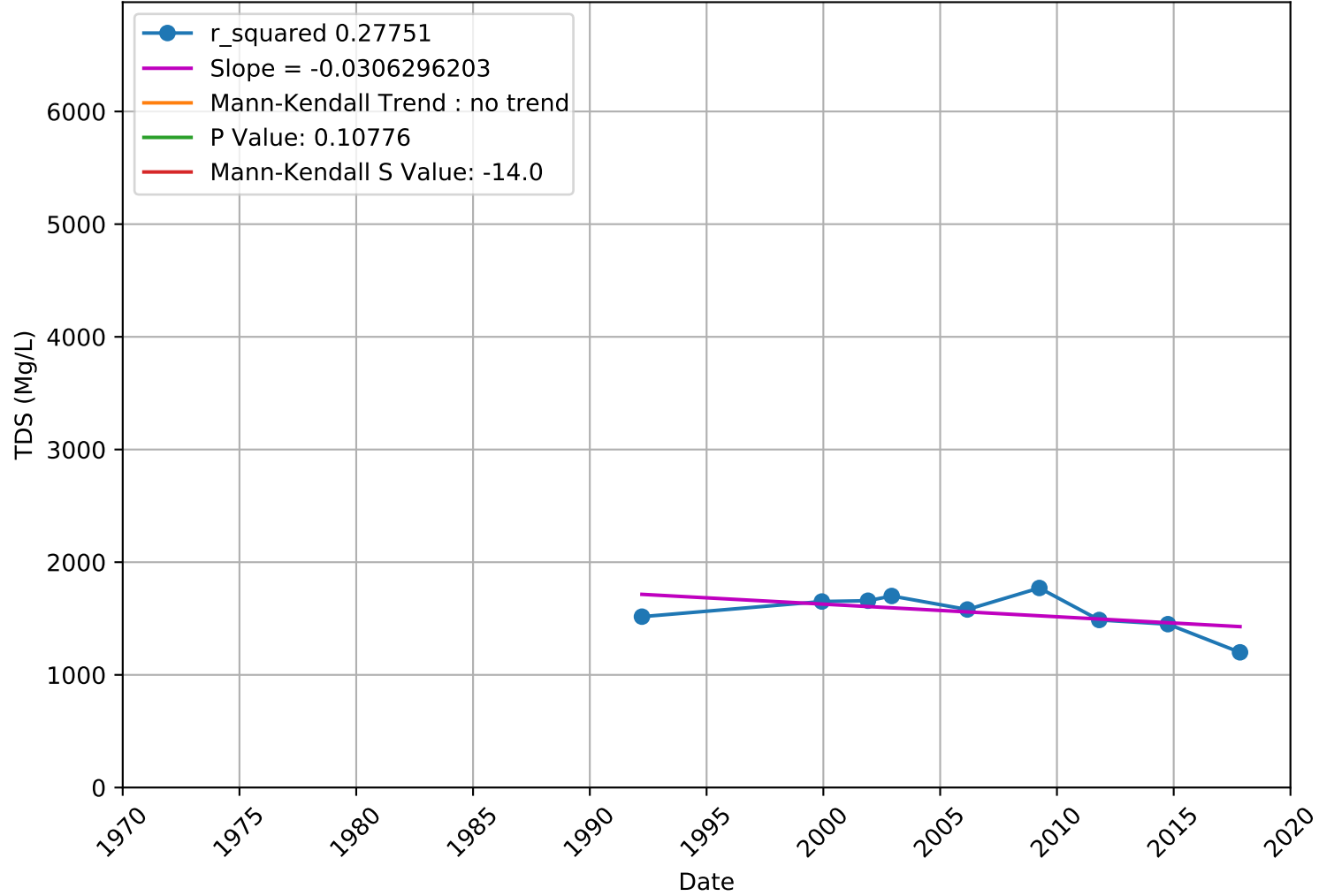
TDS

3910015-008 - Upper Aquifer



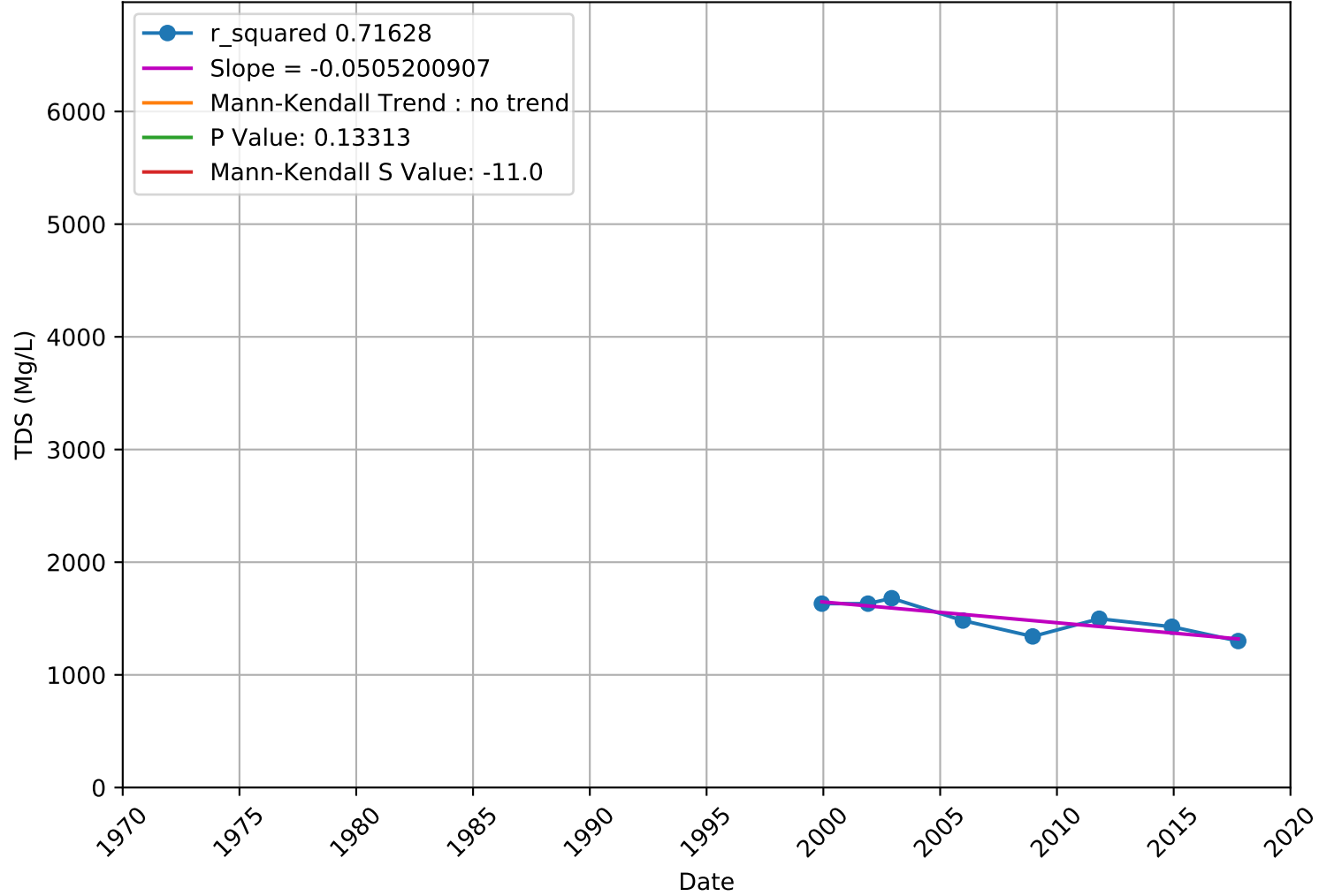
TDS

3910018-001 - Unknown Aquifer



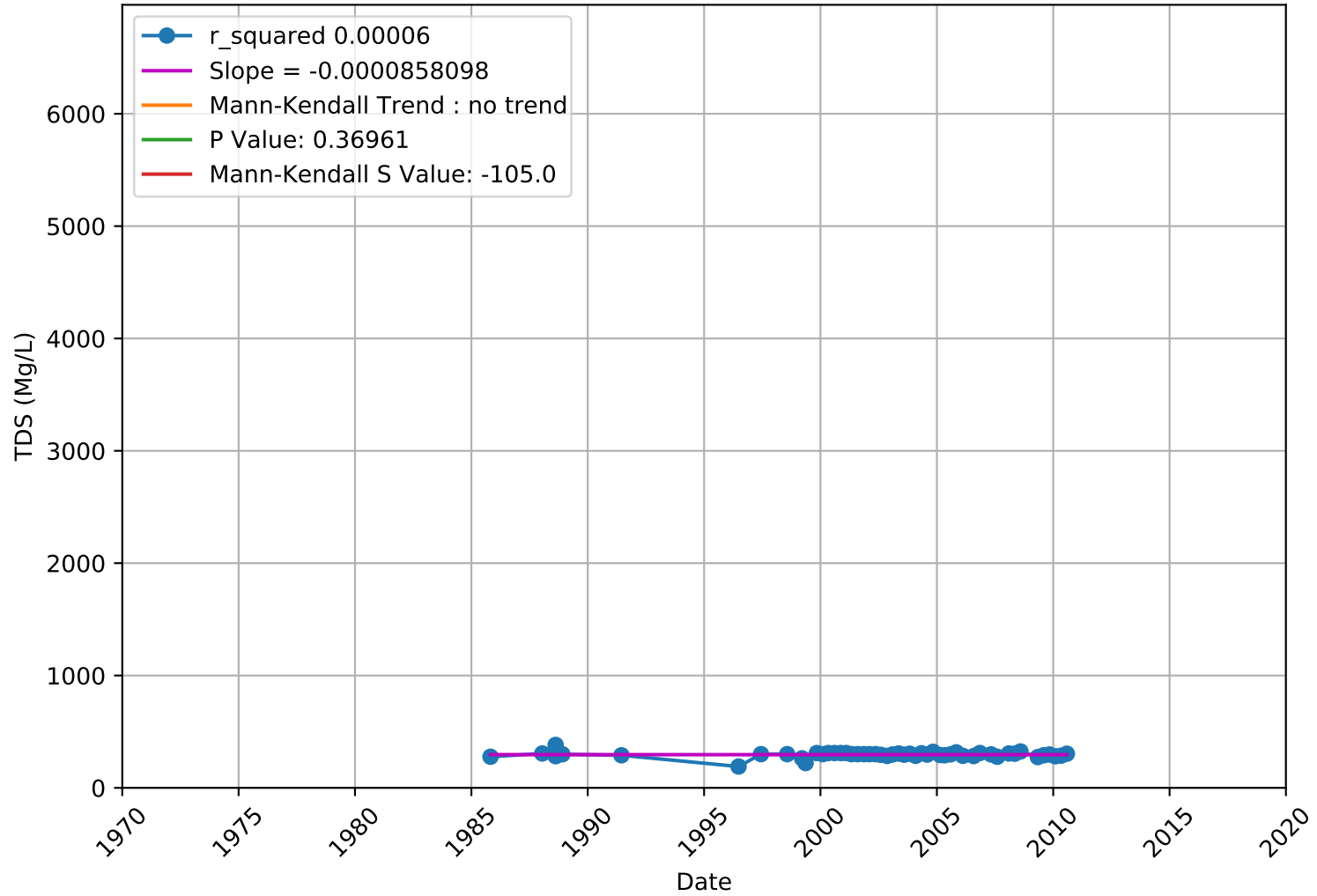
TDS

3910018-004 - Unknown Aquifer



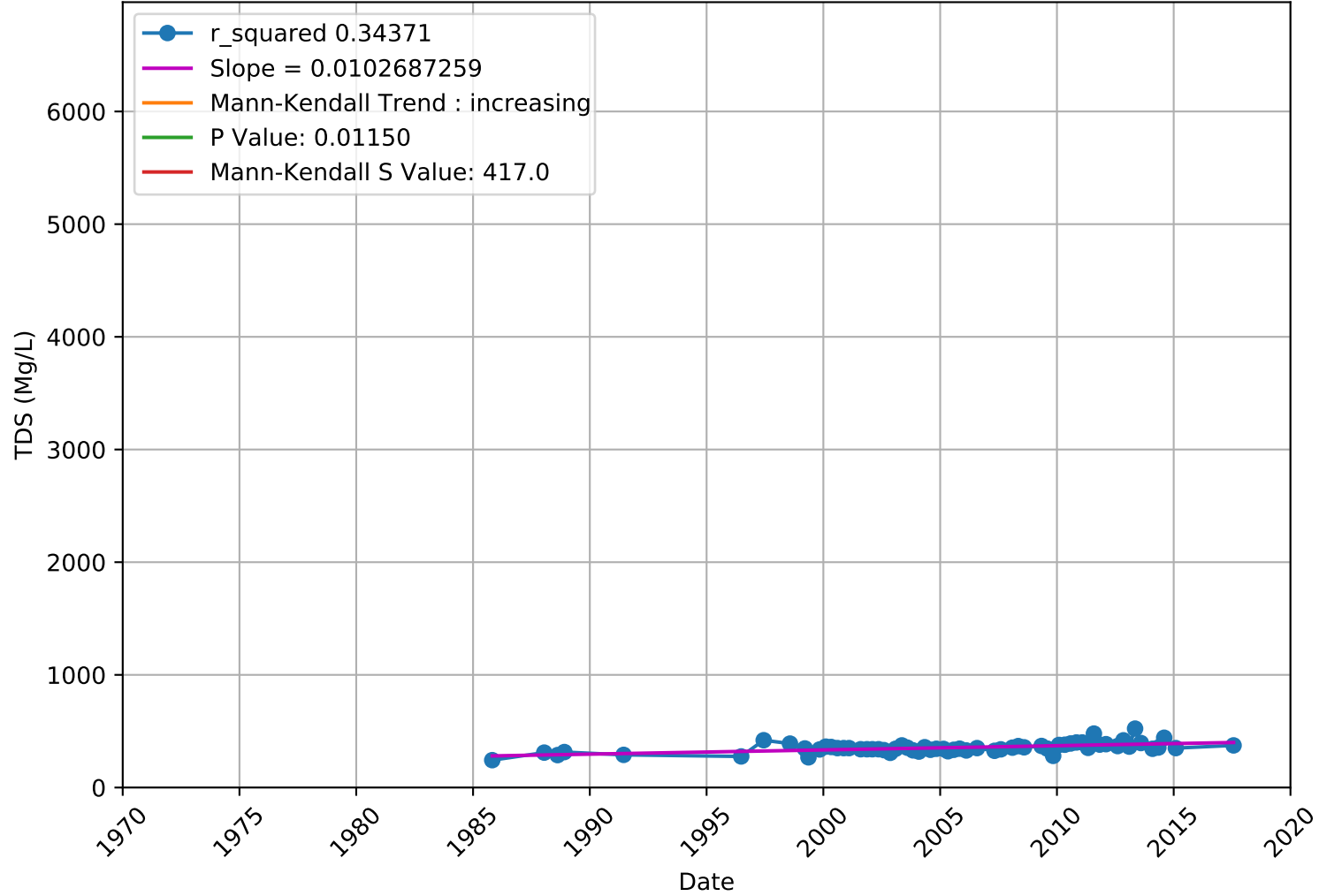
TDS

3910701-001 - Unknown Aquifer



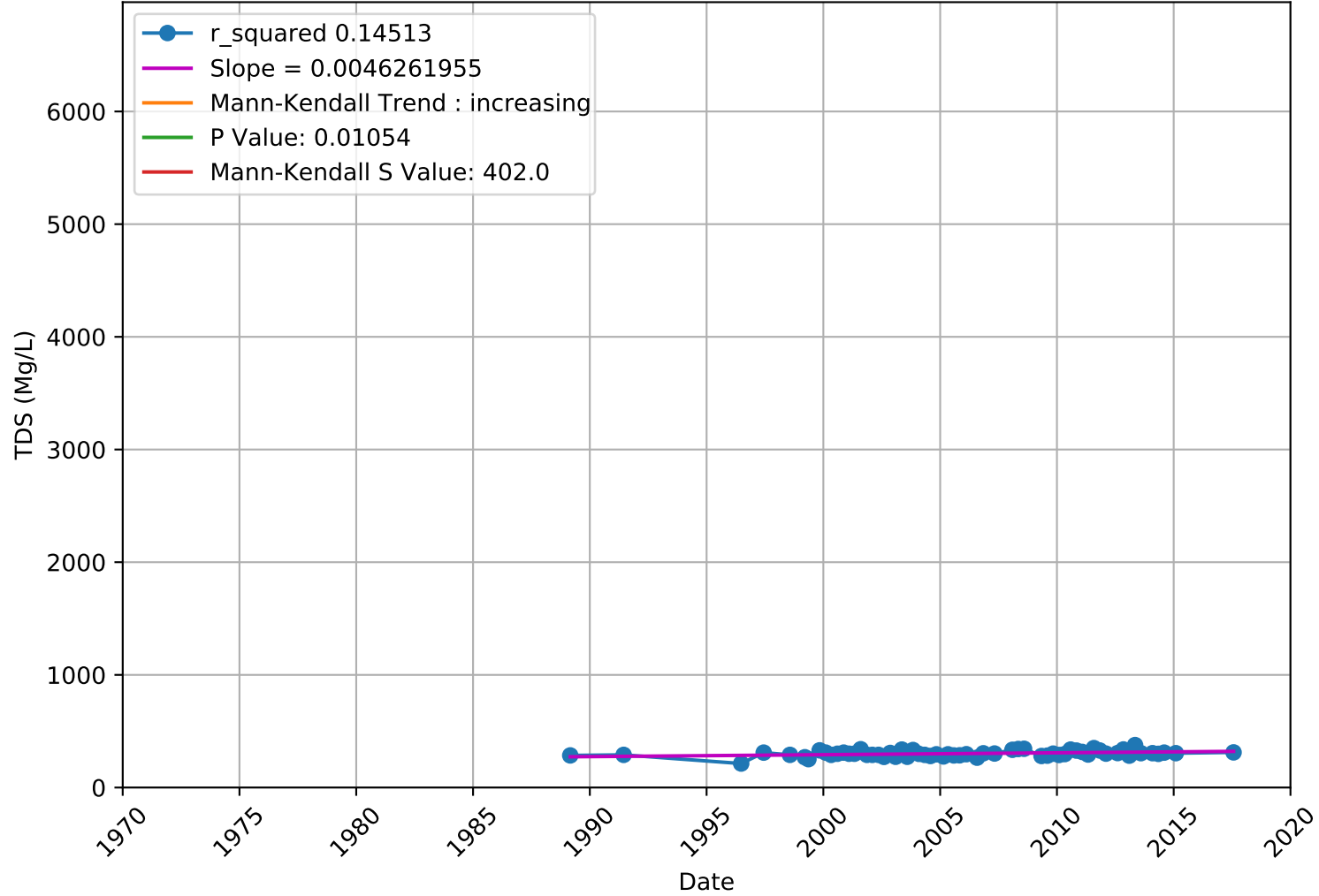
TDS

3910701-003 - Unknown Aquifer



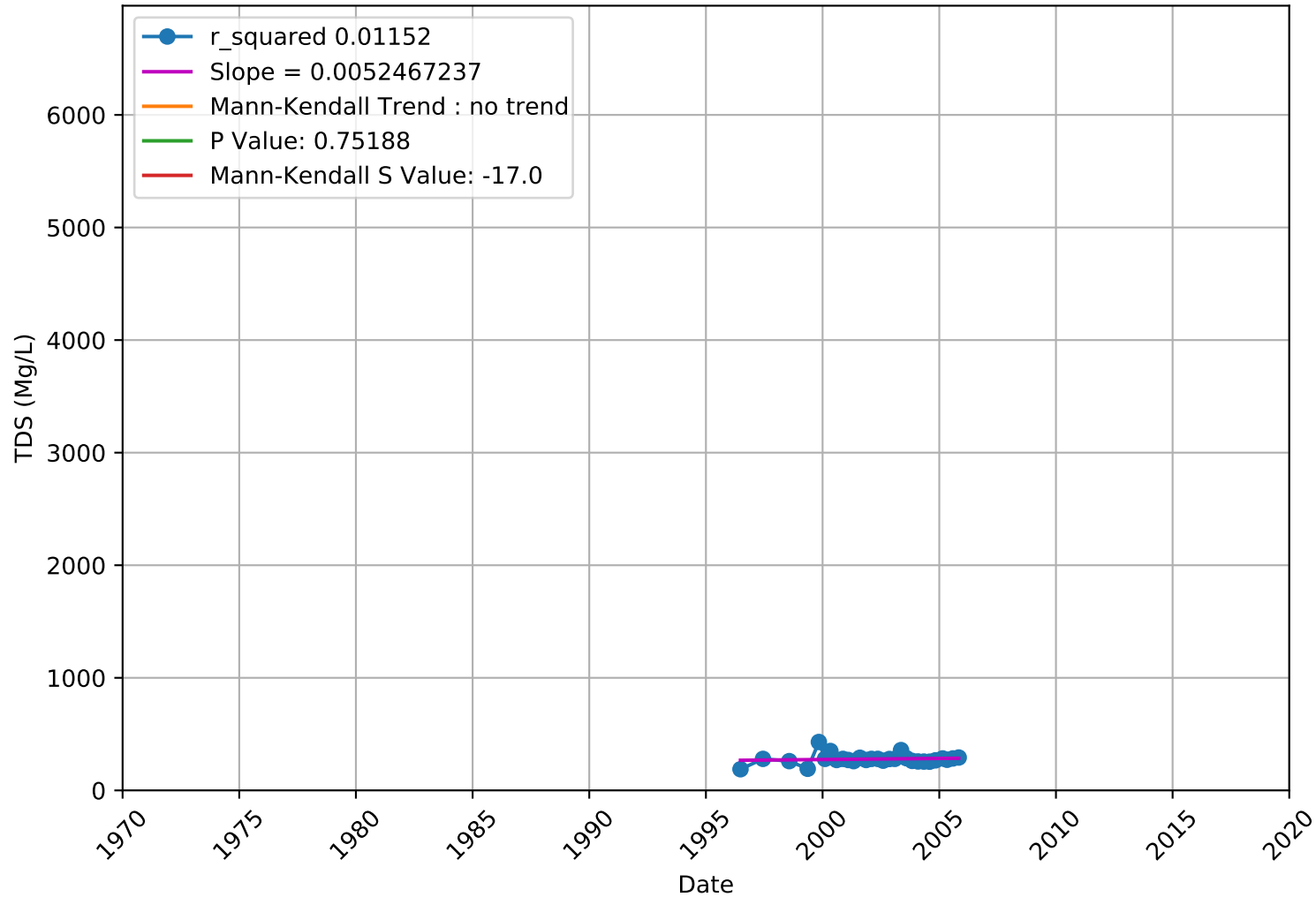
TDS

3910701-005 - Unknown Aquifer



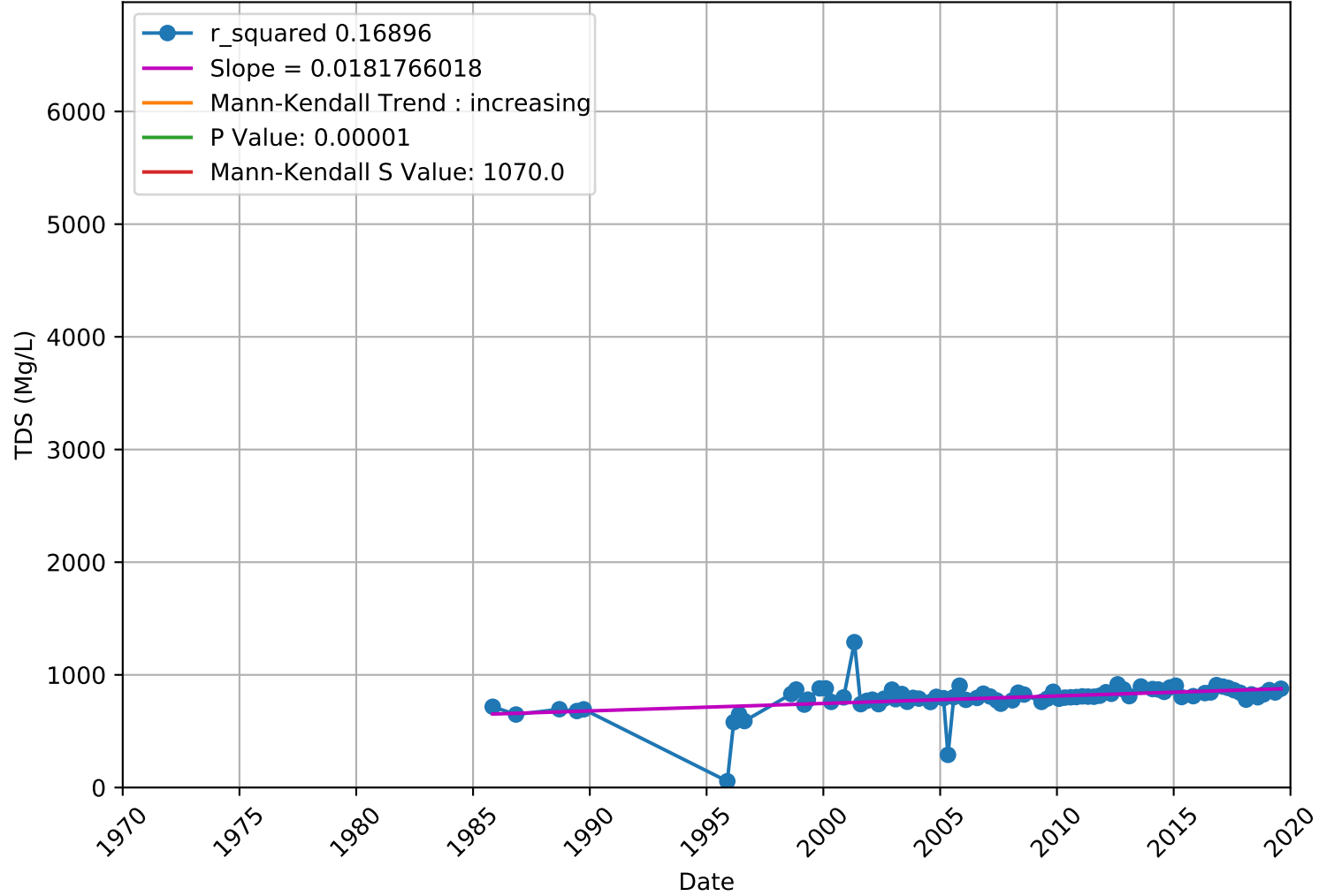
TDS

3910701-007 - Unknown Aquifer



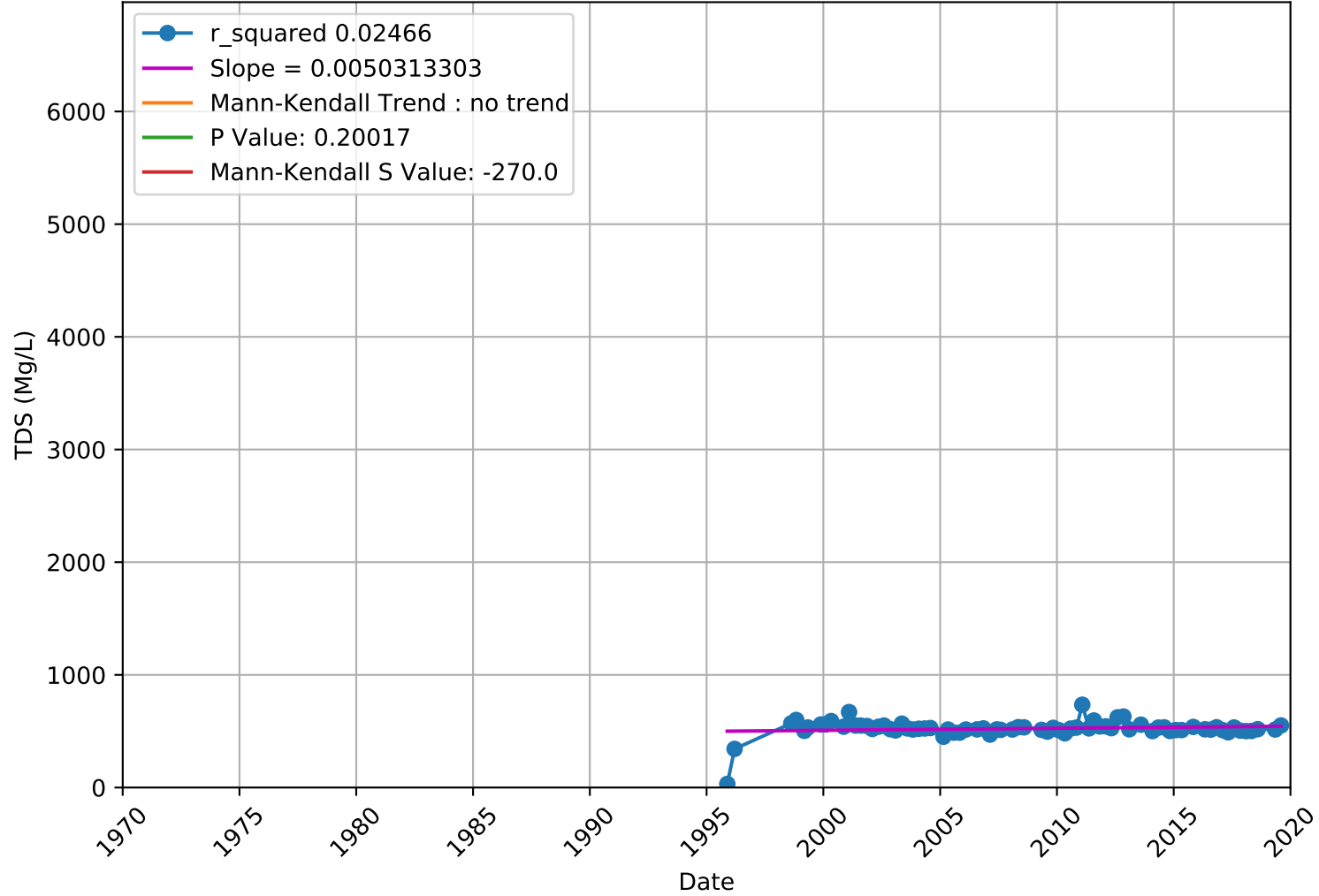
TDS

3910702-003 - Unknown Aquifer



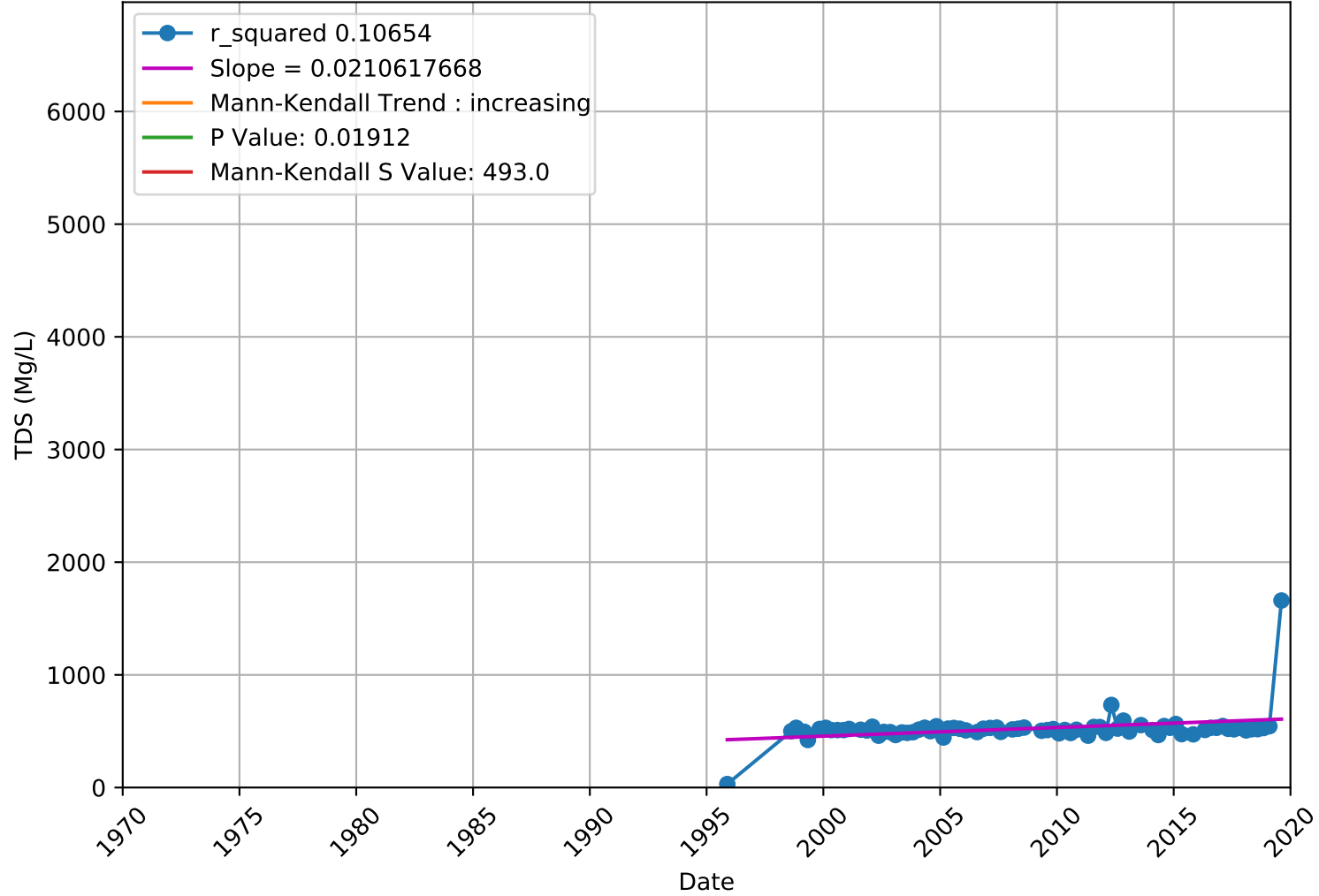
TDS

3910702-005 - Unknown Aquifer



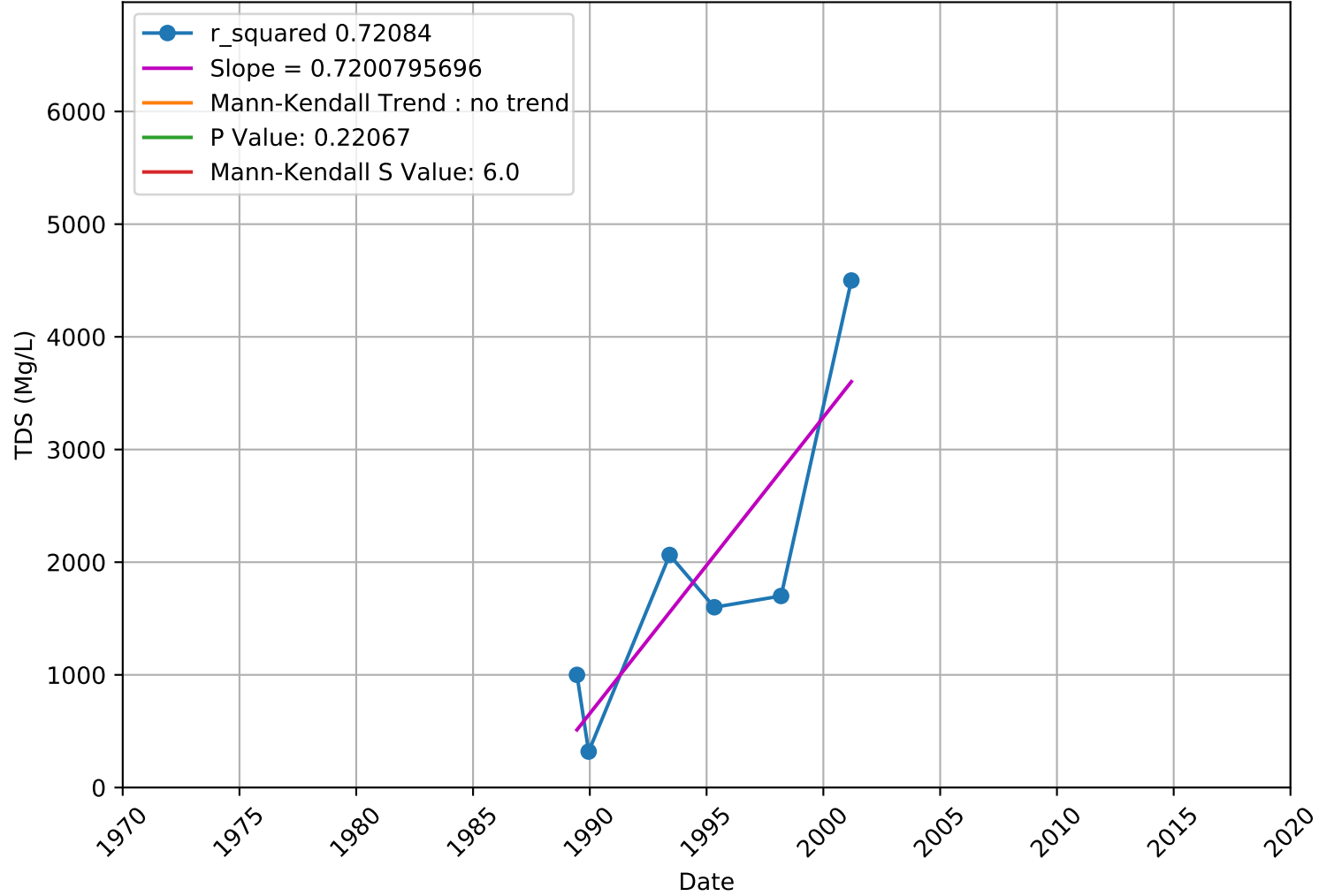
TDS

3910702-006 - Unknown Aquifer

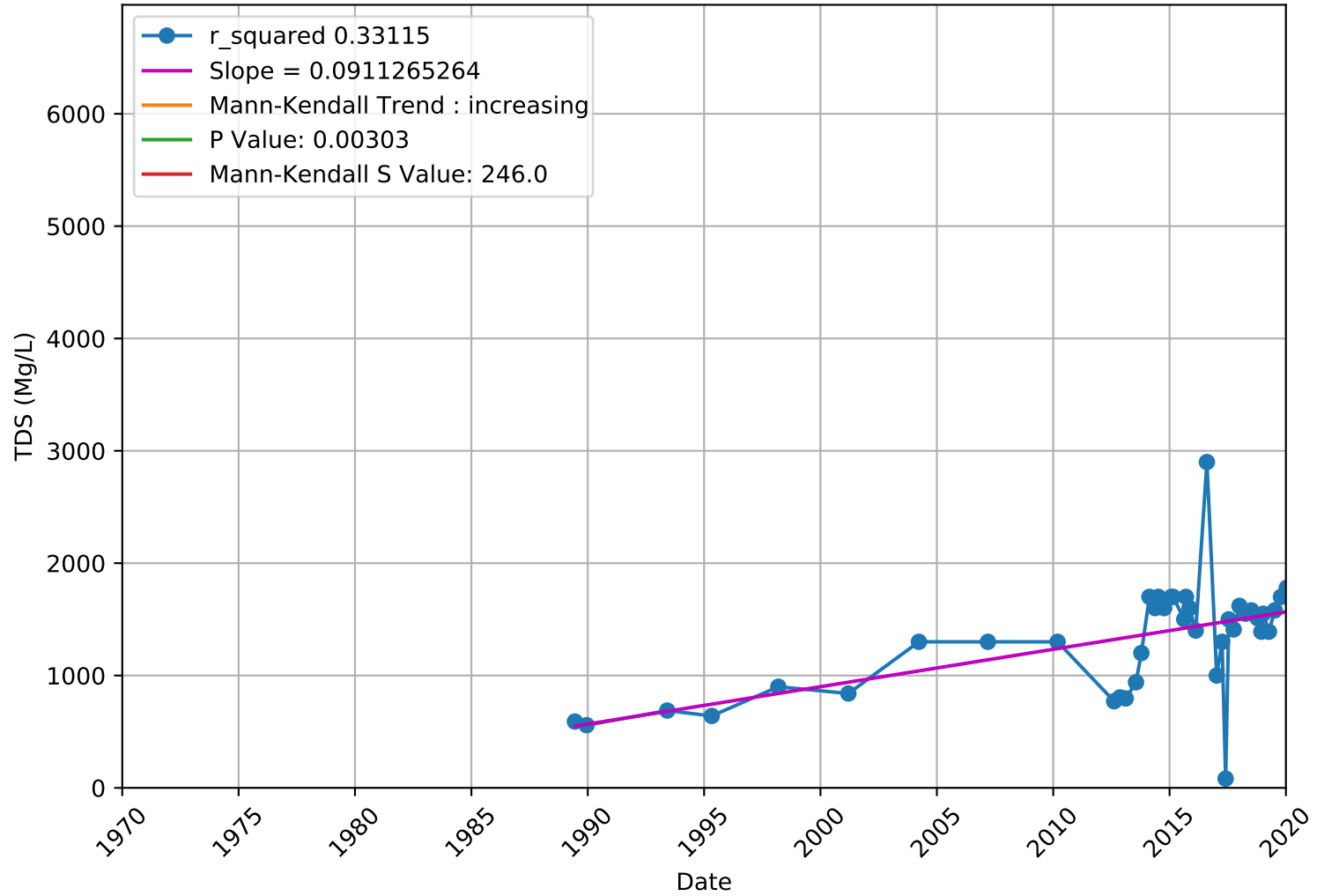


TDS

3910800-001 - Unknown Aquifer

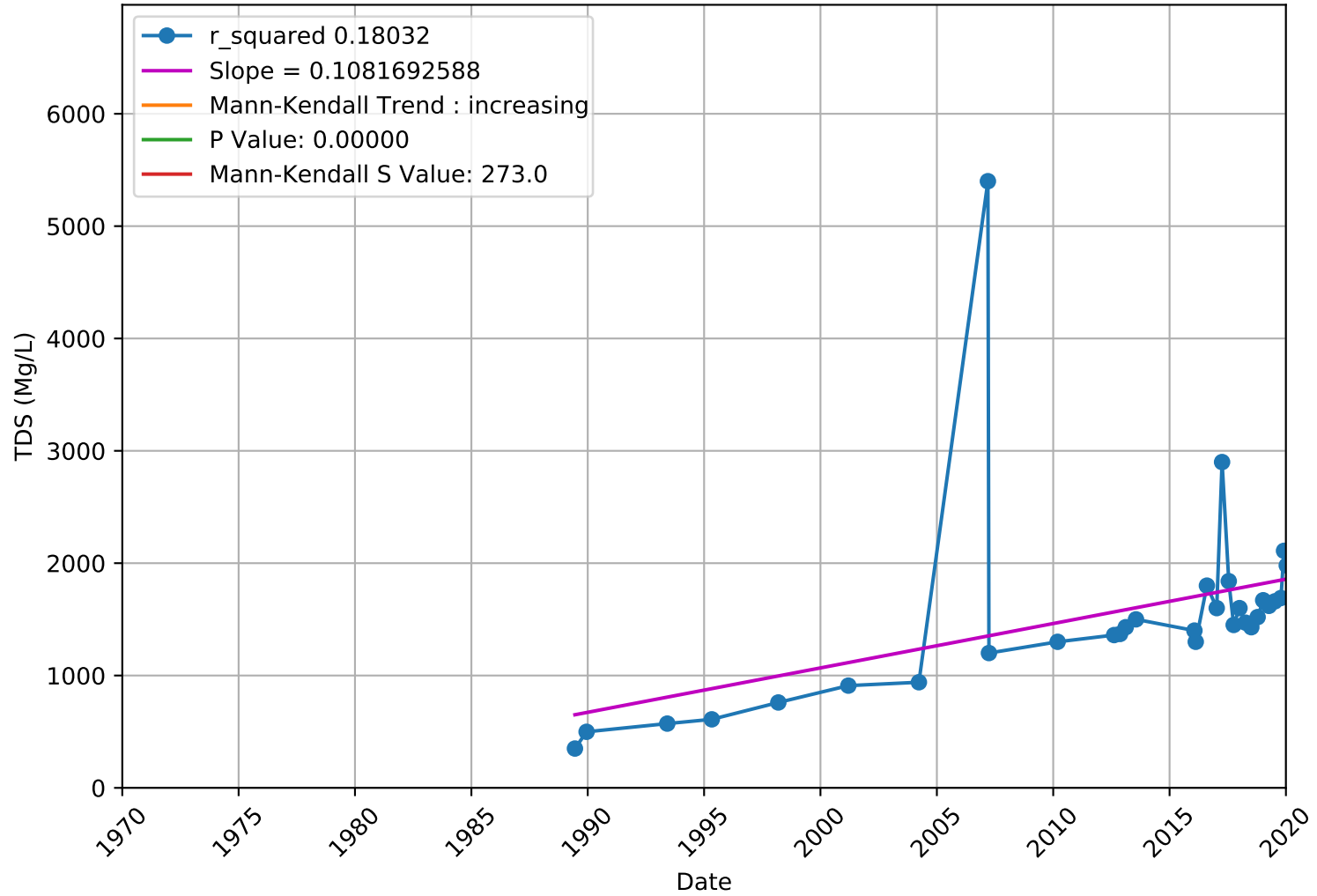


TDS 3910800-002 - Unknown Aquifer

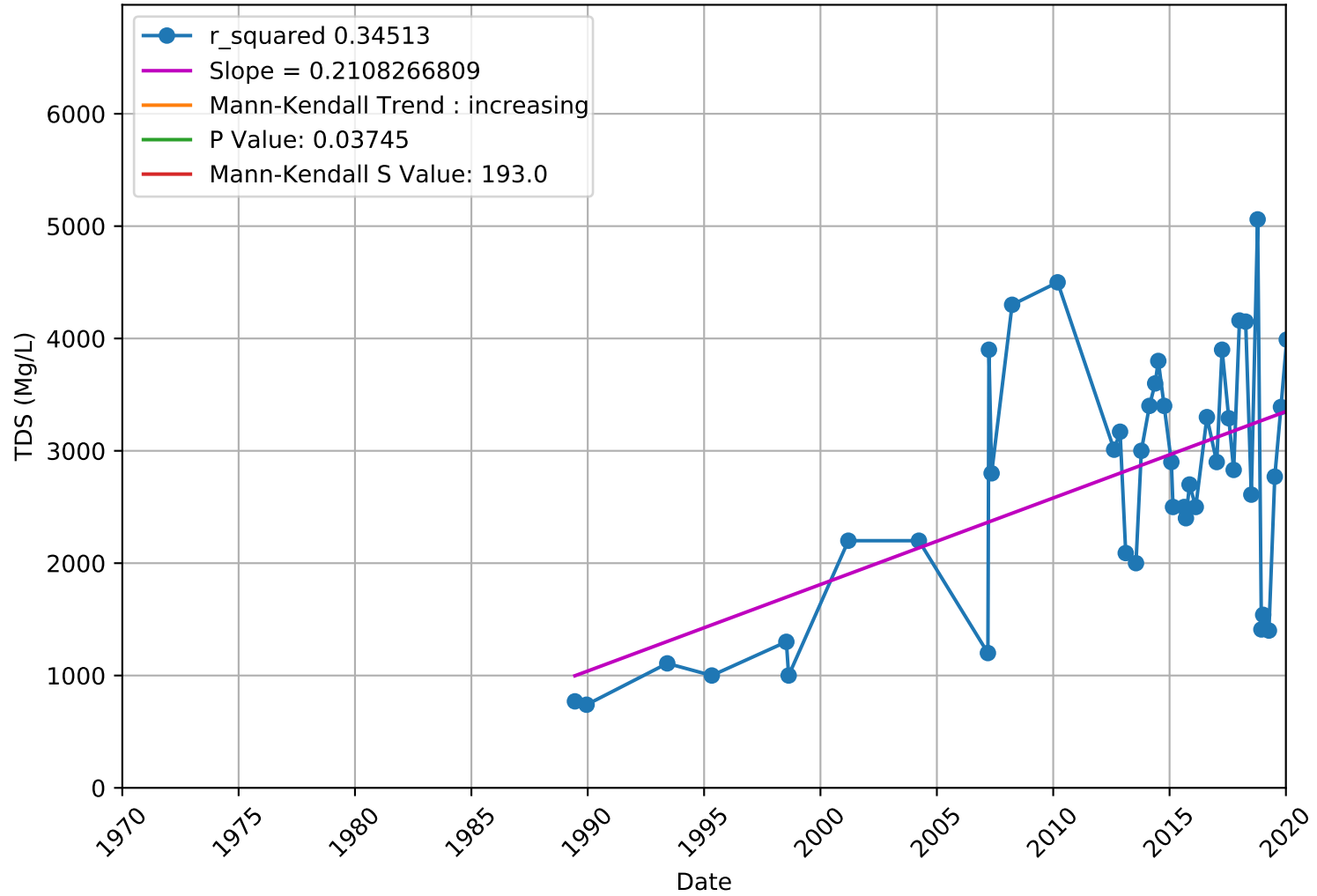


TDS

3910800-003 - Unknown Aquifer

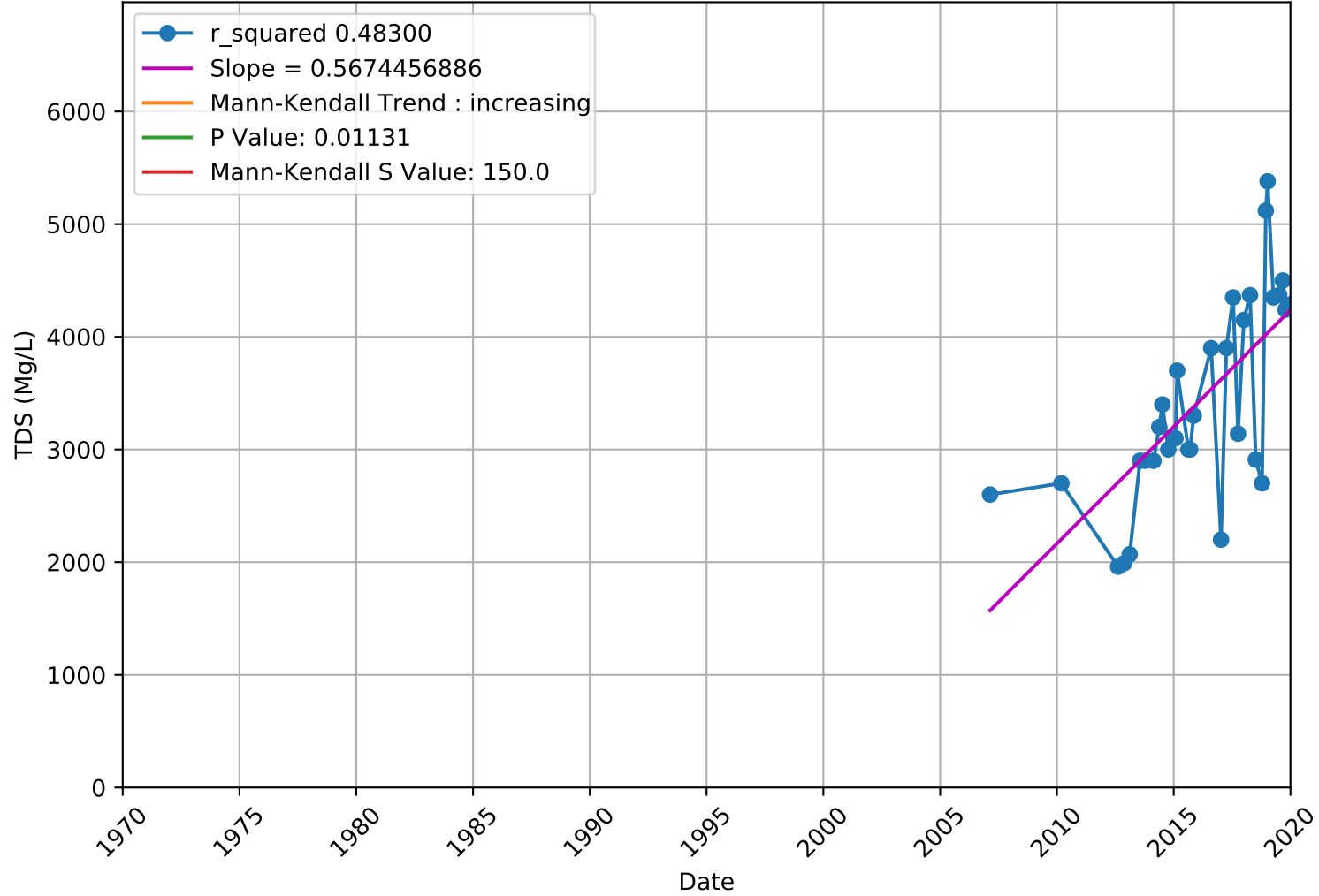


TDS 3910800-004 - Unknown Aquifer



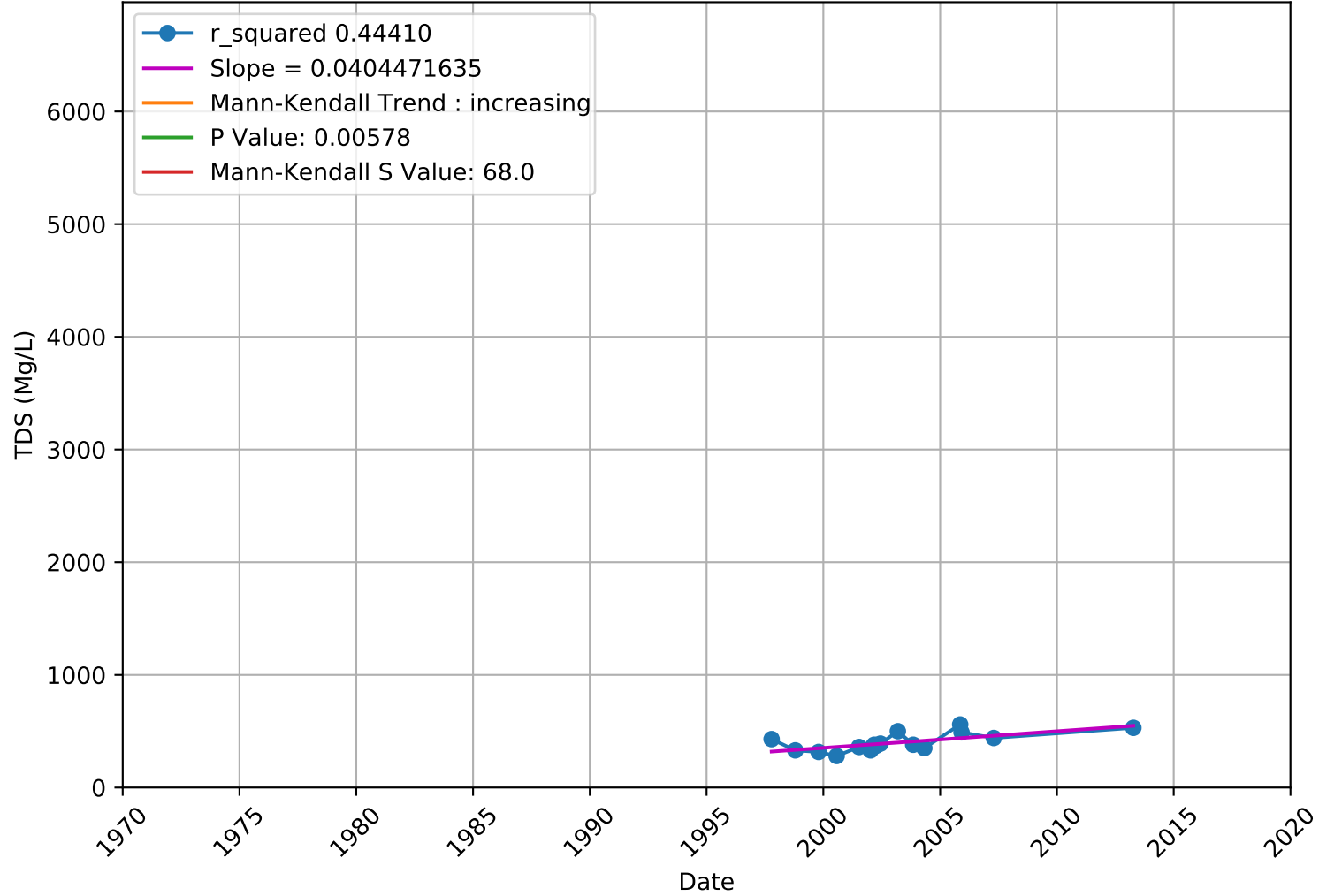
TDS

3910800-006 - Unknown Aquifer



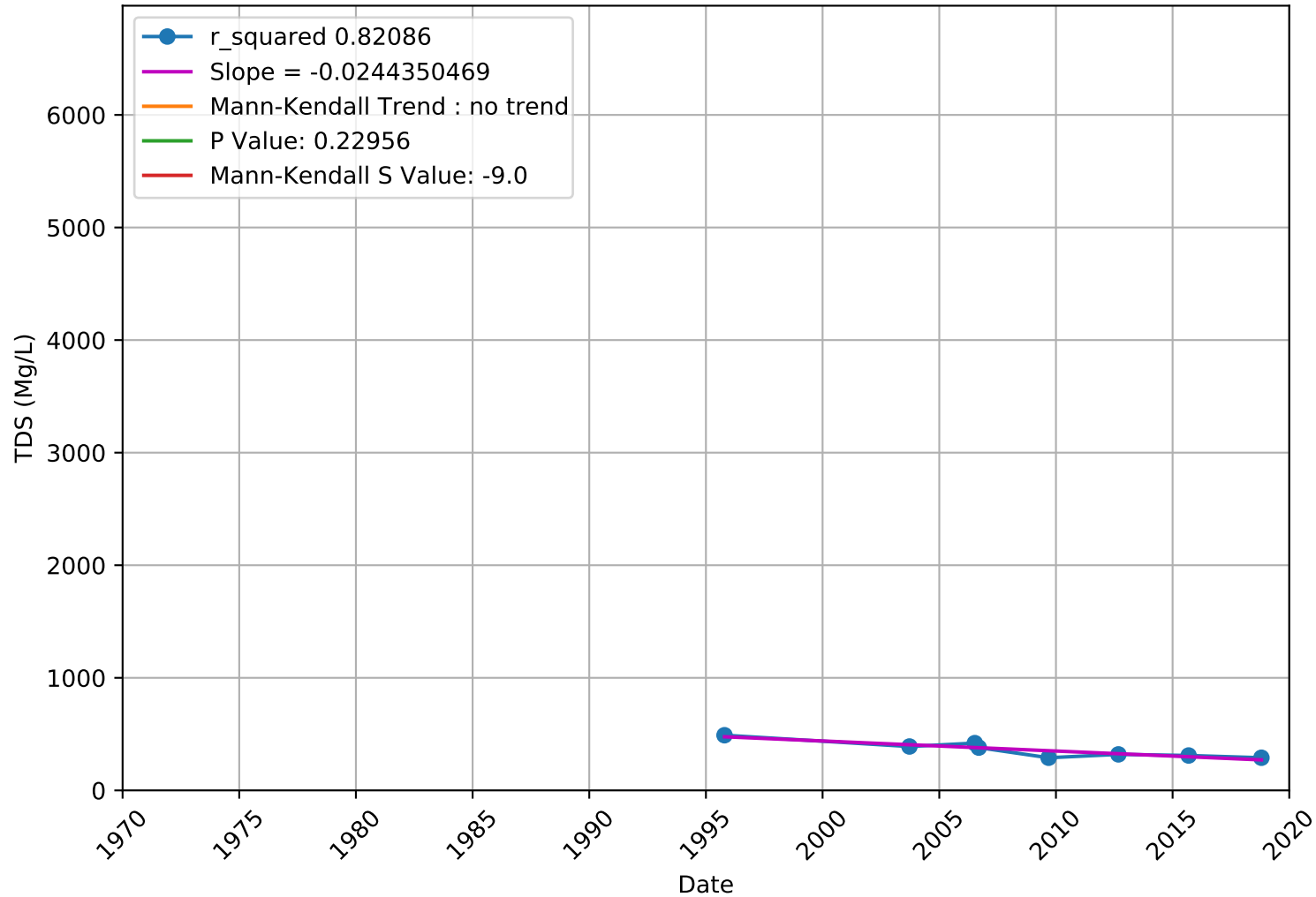
TDS

4110013-014 - Unknown Aquifer



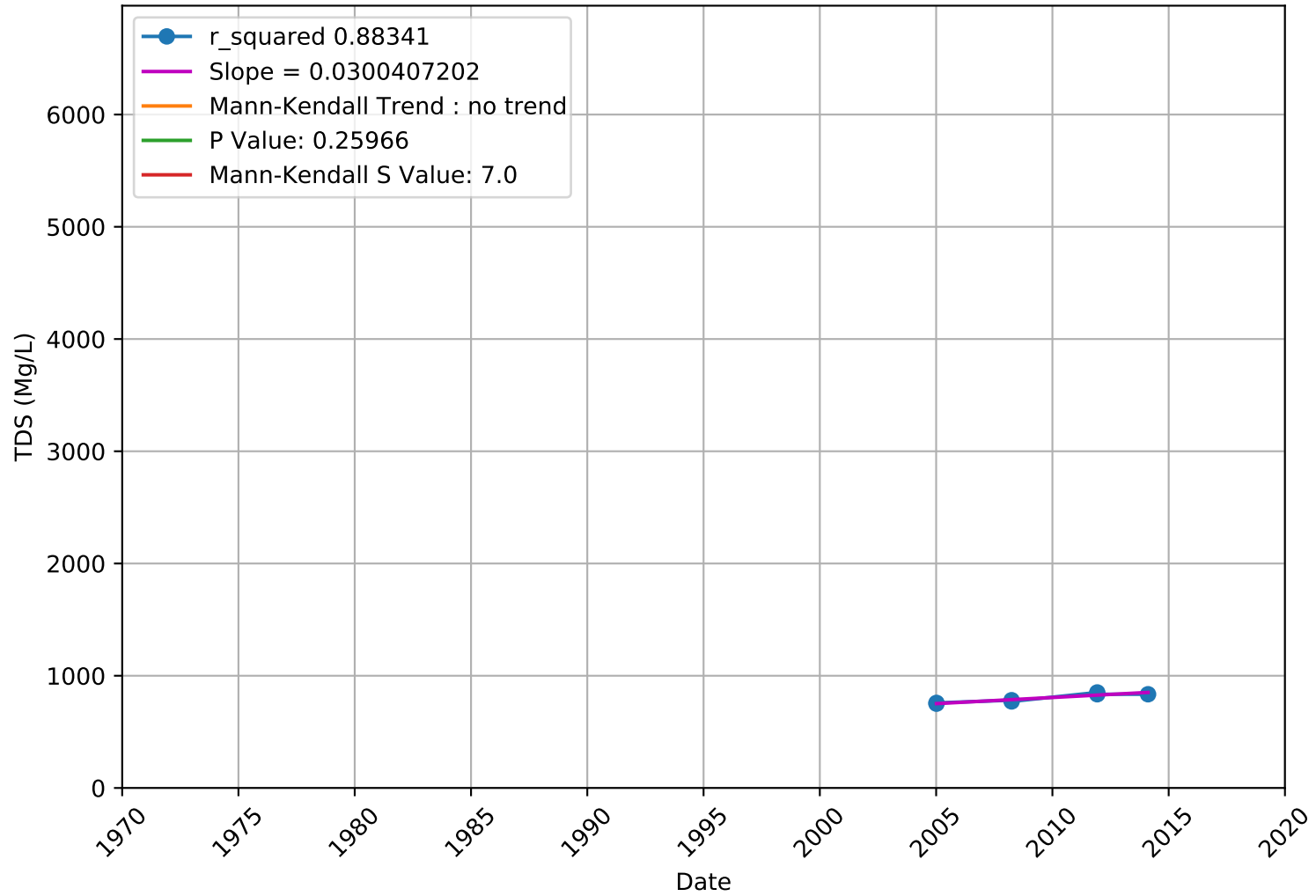
TDS

4300611-002 - Unknown Aquifer



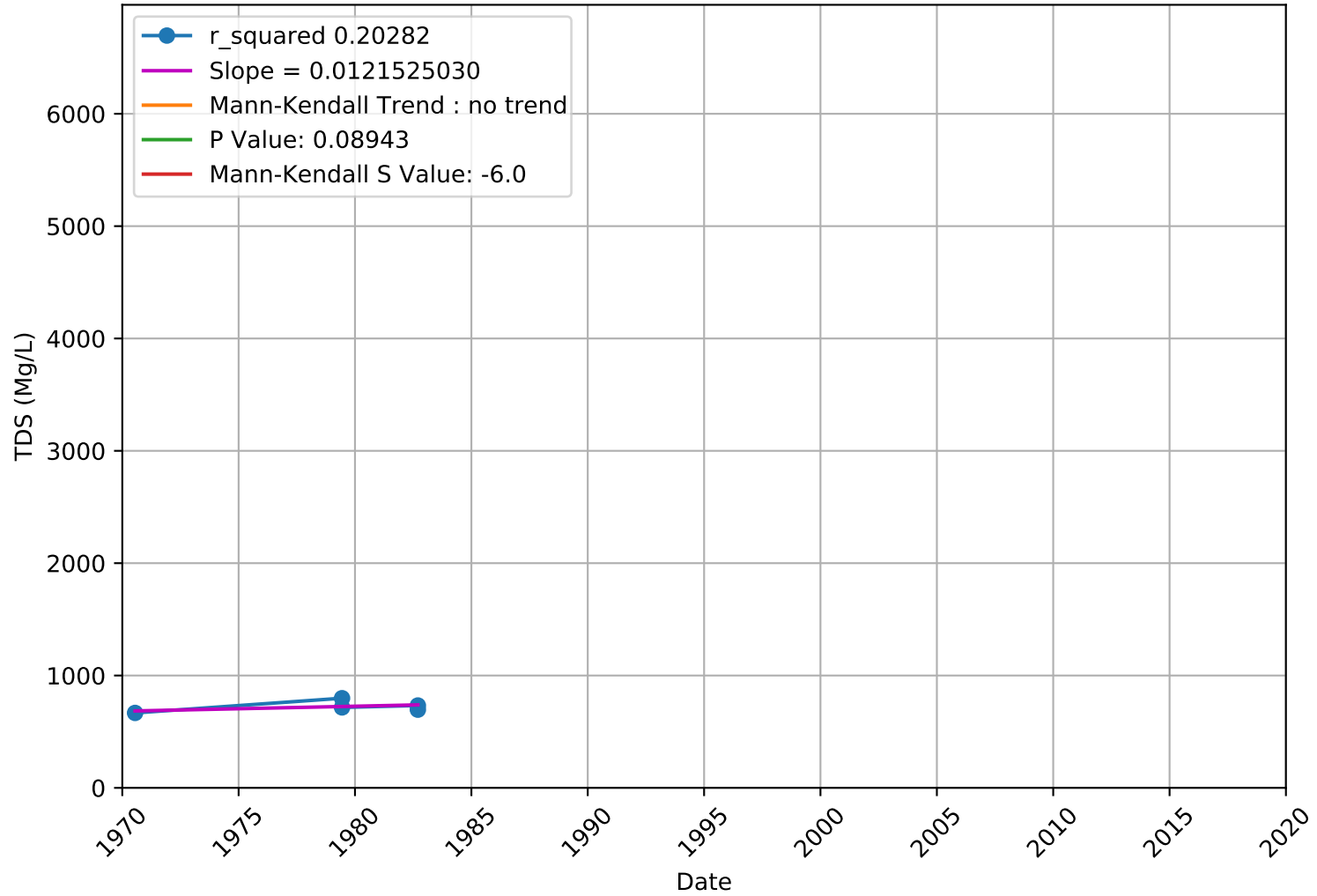
TDS

USGS-374100121260001 - Unknown Aquifer



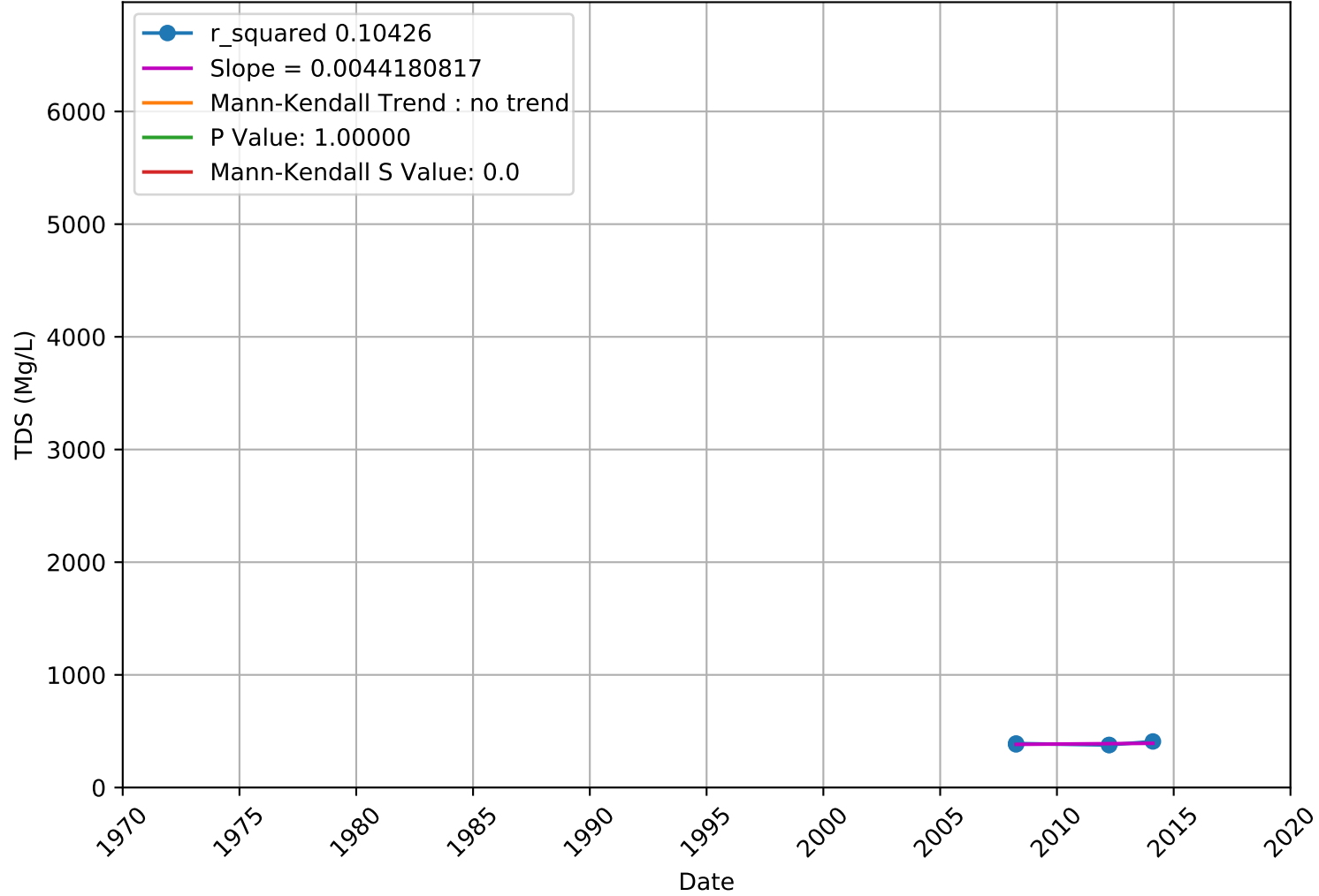
TDS

USGS-374223121250601 - Upper Aquifer



TDS

USGS-374900121160001 - Unknown Aquifer

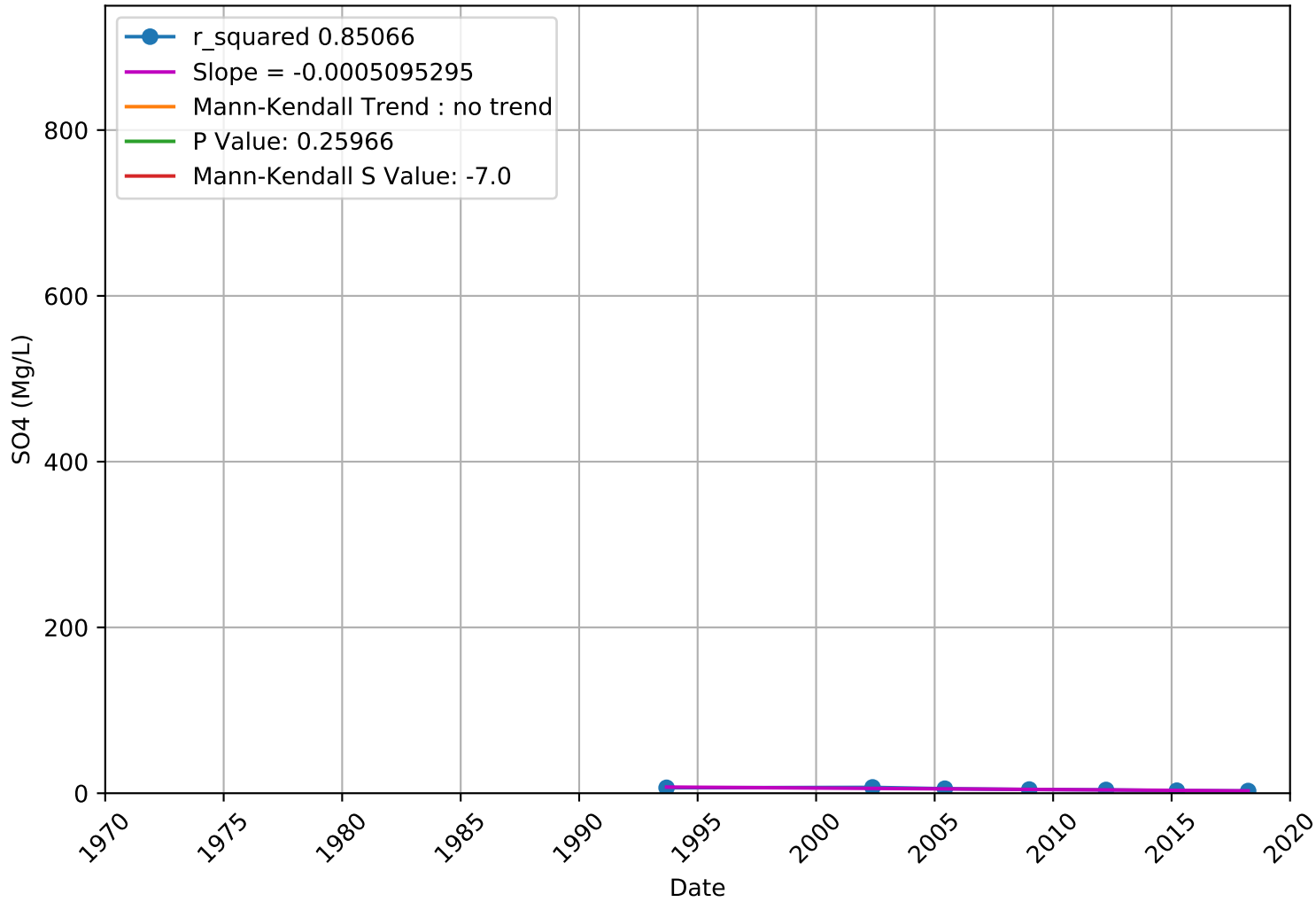


Sulfate

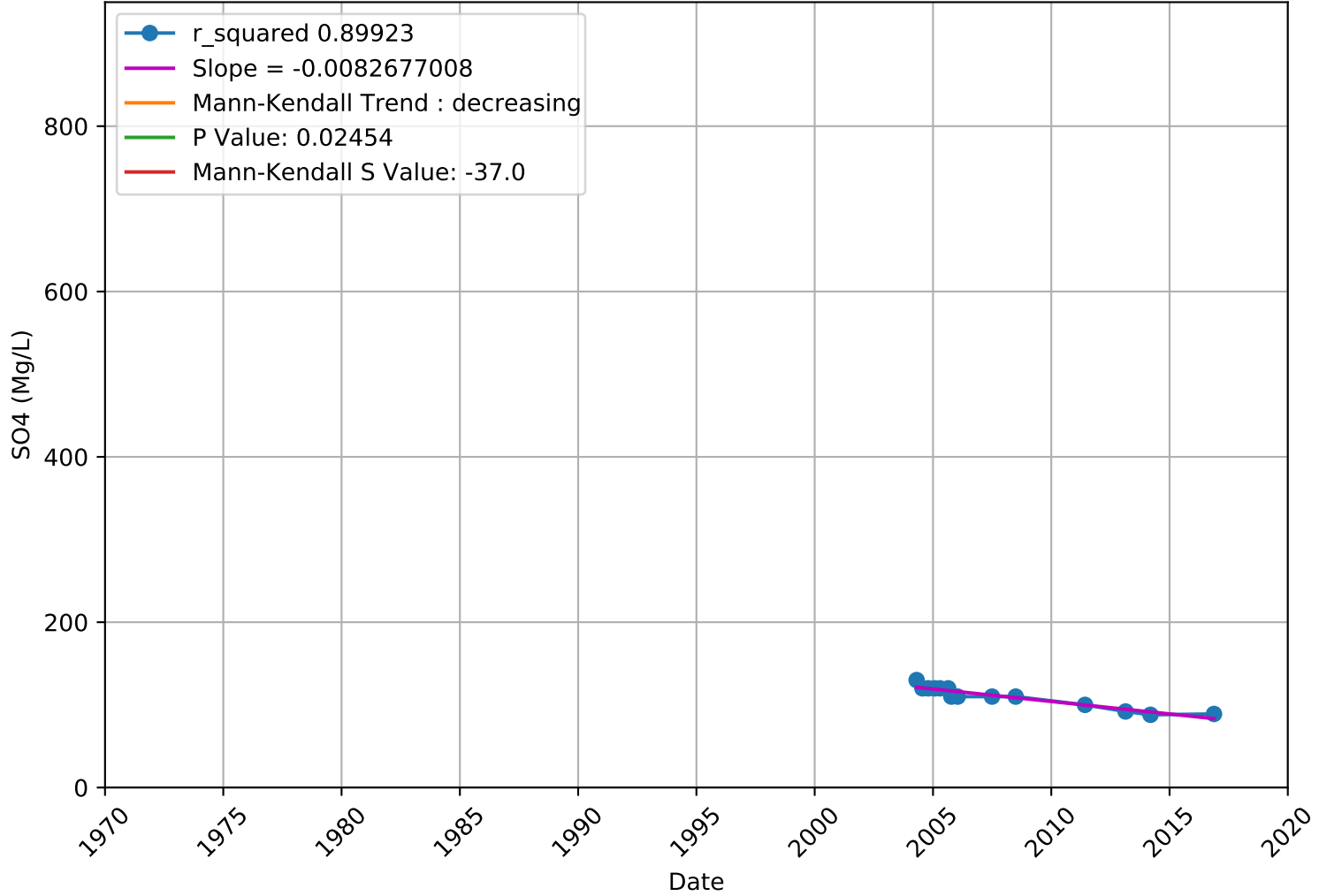
WellName	Latitude_NAD83	Longitude_NAD83	chemical	h	p	s	tau	trend	var_s	z	PRINCIPAL_AQUIFER
USGS-374223121250601	37.7063185	-121.4193886	SO4	FALSE	1	0	0	no trend	8.667	0	Upper
3910011-007	37.714471	-121.426009	SO4	FALSE	0.386	-8	-0.286	no trend	65.333	-0.866	Unknown
3910011-010	37.736372	-121.435351	SO4	FALSE	0.499	-16	-0.133	no trend	493.333	-0.675	Unknown
3910702-003	37.705557	-121.39764	SO4	TRUE	0	1197	0.369	increasing	60117	4.878	Unknown
3910701-003	37.85144	-121.2682	SO4	TRUE	0.004	490	0.251	increasing	28414	2.901	Unknown
3910701-001	37.849584	-121.268763	SO4	TRUE	0.011	296	0.252	increasing	13447.33	2.544	Unknown
3910011-017	37.738215	-121.419962	SO4	FALSE	0.221	-6	-0.6	no trend	16.667	-1.225	Unknown
3910018-001	37.679751	-121.272617	SO4	FALSE	0.119	-21	-0.382	no trend	165	-1.557	Unknown
4300611-002	37.994444	-121.499722	SO4	FALSE	1	-1	-0.067	no trend	28.333	0	Unknown
3910015-005	37.816859	-121.266705	SO4	FALSE	0.428	14	0.179	no trend	268.667	0.793	Upper
3910011-003	37.683959	-121.439427	SO4	FALSE	0.157	76	0.187	no trend	2808	1.415	Lower
3910800-002	37.744188	-121.32701	SO4	FALSE	0.161	-19	-0.345	no trend	165	-1.401	Unknown
3910800-003	37.74545	-121.32897	SO4	FALSE	0.193	-20	-0.303	no trend	212.667	-1.303	Unknown
3910800-001	37.744746	-121.327221	SO4	FALSE	0.613	3	0.3	no trend	15.667	0.505	Unknown
3910800-004	37.74591	-121.336213	SO4	TRUE	0.042	-42	-0.4	decreasing	407.333	-2.031	Unknown
3100014-001	37.716956	-121.379533	SO4	FALSE	0.26	-7	-0.467	no trend	28.333	-1.127	Unknown
3910701-005	37.851301	-121.2673	SO4	TRUE	0	612	0.334	increasing	25816.67	3.803	Unknown
3910011-004	37.682308	-121.436988	SO4	FALSE	0.107	-62	-0.245	no trend	1430	-1.613	Lower
3910011-006	37.686539	-121.443515	SO4	FALSE	0.44	34	0.113	no trend	1829.333	0.772	Lower
3910011-005	37.683353	-121.443313	SO4	FALSE	0.116	93	0.2	no trend	3427.667	1.571	Lower
3910015-006	37.818884	-121.266416	SO4	FALSE	0.271	17	0.258	no trend	211.667	1.1	Upper
3910015-007	37.811547	-121.263915	SO4	FALSE	0.428	-14	-0.179	no trend	268.667	-0.793	Upper
3910015-008	37.801132	-121.262514	SO4	FALSE	0.246	12	0.333	no trend	90	1.16	Upper
3910011-018	37.743262	-121.424805	SO4	FALSE	0.14	-64	-0.213	no trend	1824	-1.475	Lower
3910018-004	37.679705	-121.272761	SO4	FALSE	0.368	-7	-0.333	no trend	44.333	-0.901	Unknown
3910701-007	37.851431	-121.265247	SO4	FALSE	0.302	56	0.138	no trend	2840	1.032	Unknown
3910702-006	37.709972	-121.390802	SO4	TRUE	0.004	610	0.232	increasing	44092	2.9	Unknown
3910702-005	37.708149	-121.393881	SO4	FALSE	0.386	183	0.07	no trend	44091	0.867	Unknown
4110013-014	37.7	-121.466667	SO4	TRUE	0.021	43	0.473	increasing	333.667	2.299	Unknown
3900991-001	37.743544	-121.461428	SO4	FALSE	0.089	6	1	no trend	8.667	1.698	Unknown
3910011-030	37.740208	-121.439285	SO4	FALSE	0.507	-40	-0.086	no trend	3456.667	-0.663	Lower
3901348-002	37.702894	-121.406986	SO4	FALSE	0.462	4	0.4	no trend	16.667	0.735	Unknown
3900713-001	37.84	-121.44	SO4	FALSE	0.175	14	0.389	no trend	92	1.355	Unknown
3901172-002	37.636324	-121.399544	SO4	FALSE	1	0	0	no trend	16.667	0	Unknown
3901172-003	37.632289	-121.39736	SO4	FALSE	0.707	3	0.2	no trend	28.333	0.376	Unknown
3900702-001	37.990639	-121.407056	SO4	FALSE	0.806	-2	-0.2	no trend	16.667	-0.245	Unknown
3900583-001	37.84	-121.44	SO4	FALSE	0.734	2	0.333	no trend	8.667	0.34	Unknown
3901216-002	37.74753	-121.516649	SO4	FALSE	0.133	-9	-0.6	no trend	28.333	-1.503	Unknown
3900559-001	37.79	-121.38	SO4	FALSE	0.734	-2	-0.333	no trend	8.667	-0.34	Unknown
3900558-002	37.79	-121.4	SO4	FALSE	0.312	5	0.5	no trend	15.667	1.011	Unknown
3910011-034	37.752802	-121.434603	SO4	FALSE	0.095	81	0.231	no trend	2289.667	1.672	Lower
3910011-032	37.754682	-121.465249	SO4	FALSE	0.252	-50	-0.167	no trend	1828.667	-1.146	Lower
3901348-003	37.698742	-121.409917	SO4	FALSE	0.448	6	0.286	no trend	43.333	0.76	Unknown
3901348-004	37.698147	-121.416153	SO4	FALSE	0.452	5	0.333	no trend	28.333	0.751	Unknown
377427N1213943W002	37.742656	-121.394318	SO4	FALSE	0.653	-10	-0.095	no trend	400.667	-0.45	Lower
377427N1213943W001	37.742656	-121.394318	SO4	TRUE	0.013	-51	-0.486	decreasing	408.333	-2.474	Lower
377427N1213943W003	37.742656	-121.394318	SO4	FALSE	0.232	-25	-0.238	no trend	403.667	-1.195	Lower
377402N1214508W001	37.740187	-121.450762	SO4	TRUE	0.042	-42	-0.4	decreasing	407.333	-2.031	Lower
377143N1214459W002	37.714305	-121.445905	SO4	FALSE	0.803	-6	-0.057	no trend	403.333	-0.249	Lower
377143N1214459W003	37.714305	-121.445905	SO4	FALSE	0.517	-14	-0.133	no trend	403.333	-0.647	Lower
377402N1214508W003	37.740187	-121.450762	SO4	TRUE	0.012	-52	-0.495	decreasing	407.333	-2.527	Lower
377402N1214508W002	37.740187	-121.450762	SO4	TRUE	0.023	-47	-0.448	decreasing	408.333	-2.276	Lower
377143N1214459W001	37.714305	-121.445905	SO4	FALSE	0.087	-35	-0.333	no trend	395.667	-1.709	Lower
377656N1214199W001	37.765631	-121.41992	SO4	FALSE	0.115	-24	-0.364	no trend	212.667	-1.577	Lower
377656N1214199W002	37.765631	-121.41992	SO4	FALSE	0.152	-17	-0.378	no trend	125	-1.431	Lower
377656N1214199W003	37.765631	-121.41992	SO4	FALSE	0.2	-22	-0.282	no trend	268.667	-1.281	Lower
377149N1214257W003	37.714872	-121.425674	SO4	TRUE	0.024	-34	-0.515	decreasing	212.667	-2.263	Lower
377149N1214257W002	37.714872	-121.425674	SO4	TRUE	0.016	-36	-0.545	decreasing	212.667	-2.4	Lower
377149N1214257W001	37.714872	-121.425674	SO4	TRUE	0.007	-40	-0.606	decreasing	212.667	-2.674	Lower
377031N1214485W002	37.703055	-121.448544	SO4	TRUE	0.033	36	0.462	increasing	268.667	2.135	Lower
377031N1214485W001	37.703055	-121.448544	SO4	TRUE	0.025	-37	-0.474	decreasing	256.333	-2.249	Lower
377031N1214485W003	37.703055	-121.448544	SO4	TRUE	0.024	-38	-0.487	decreasing	268.667	-2.257	Lower
3910005-044	37.782808	-121.300937	SO4	FALSE	0.089	6	1	no trend	8.667	1.698	Unknown
3910800-006	37.744722	-121.329167	SO4	FALSE	0.462	-4	-0.4	no trend	16.667	-0.735	Unknown
USGS-374046121155402	37.6793611	-121.2650278	SO4	FALSE	0.124	45	0.263	no trend	817	1.539	Upper
USGS-374046121155401	37.6793611	-121.2650278	SO4	FALSE	0.171	40	0.234	no trend	813.333	1.368	Upper

SO4

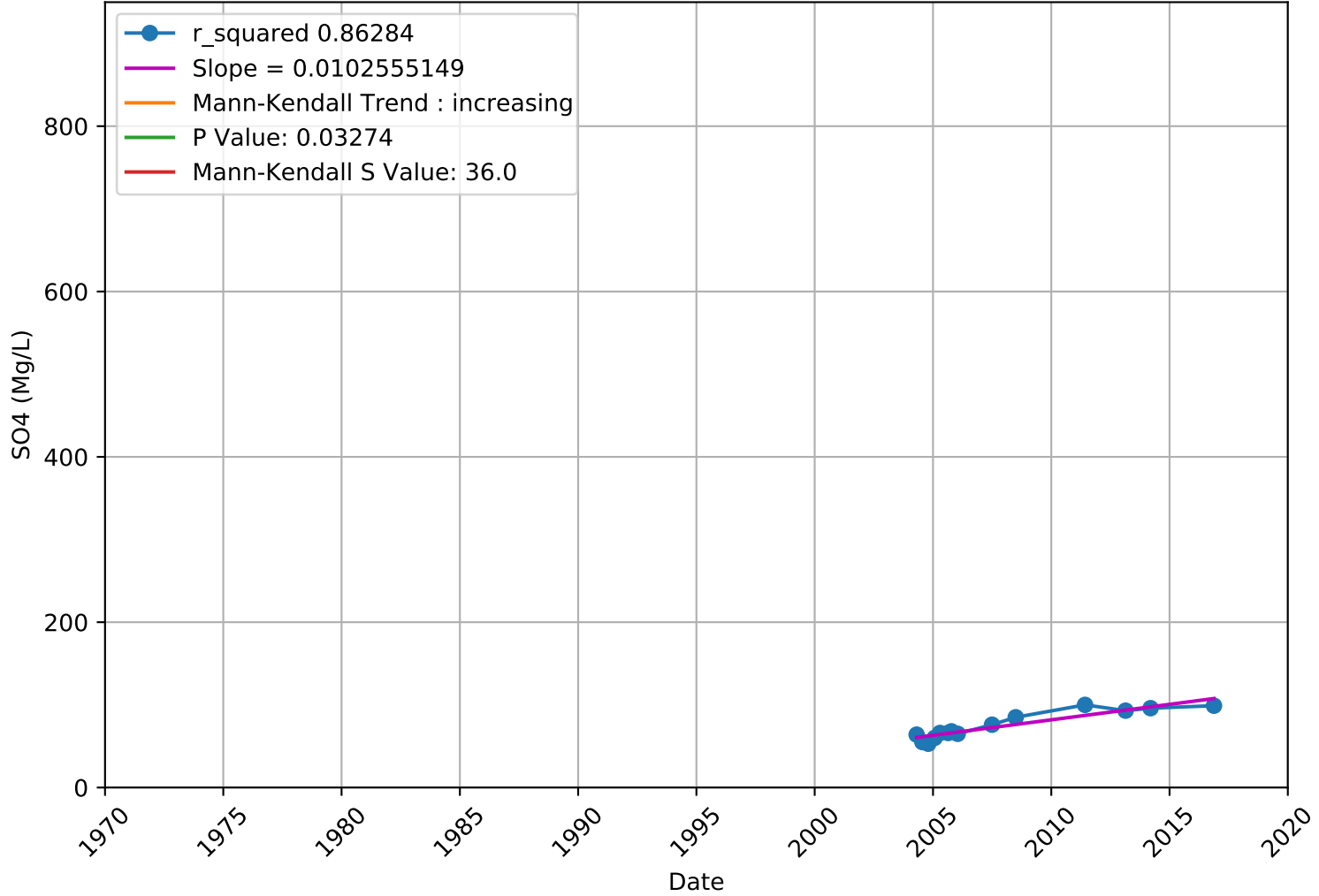
3100014-001 - Unknown Aquifer



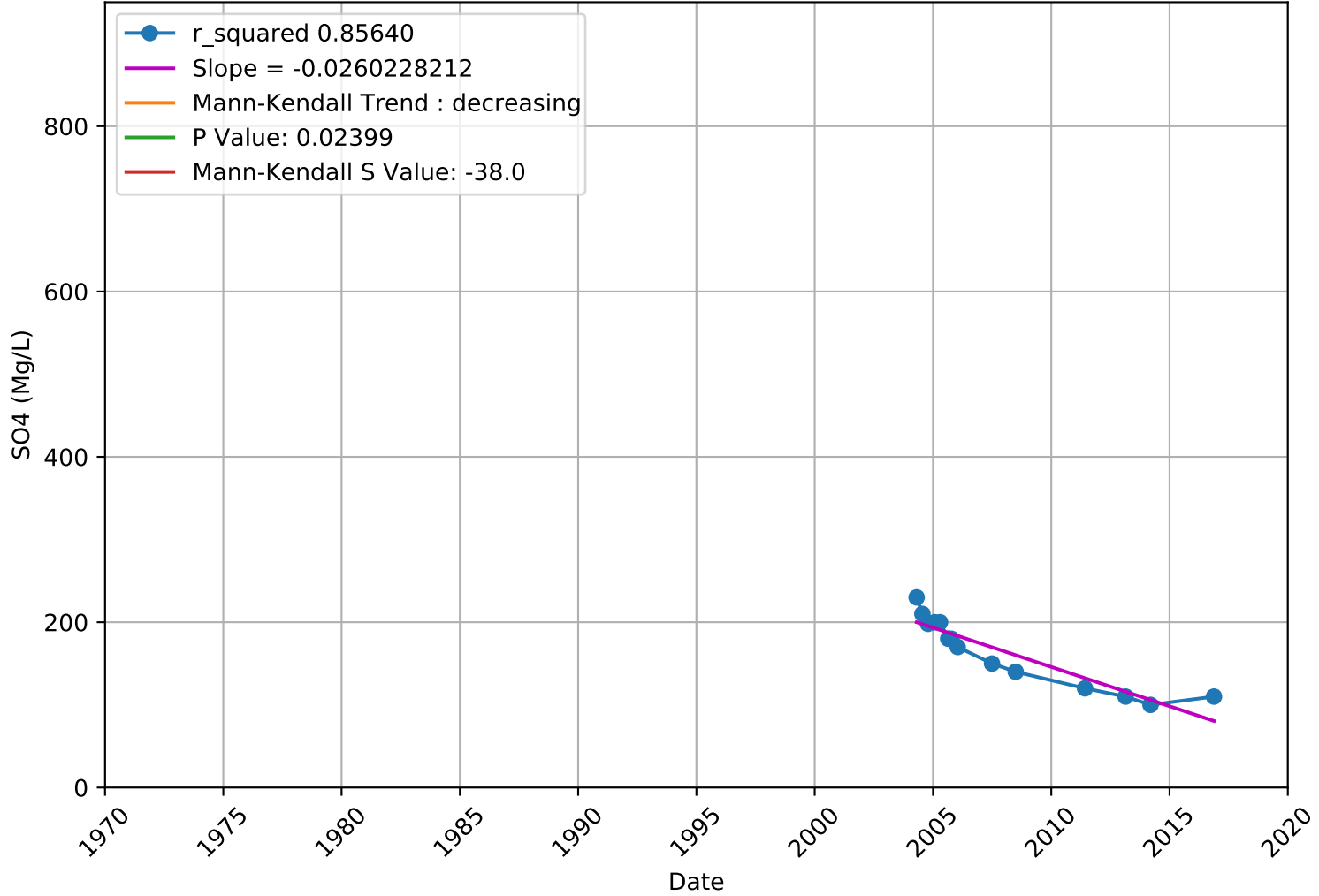
SO4 377031N1214485W001 - Lower Aquifer



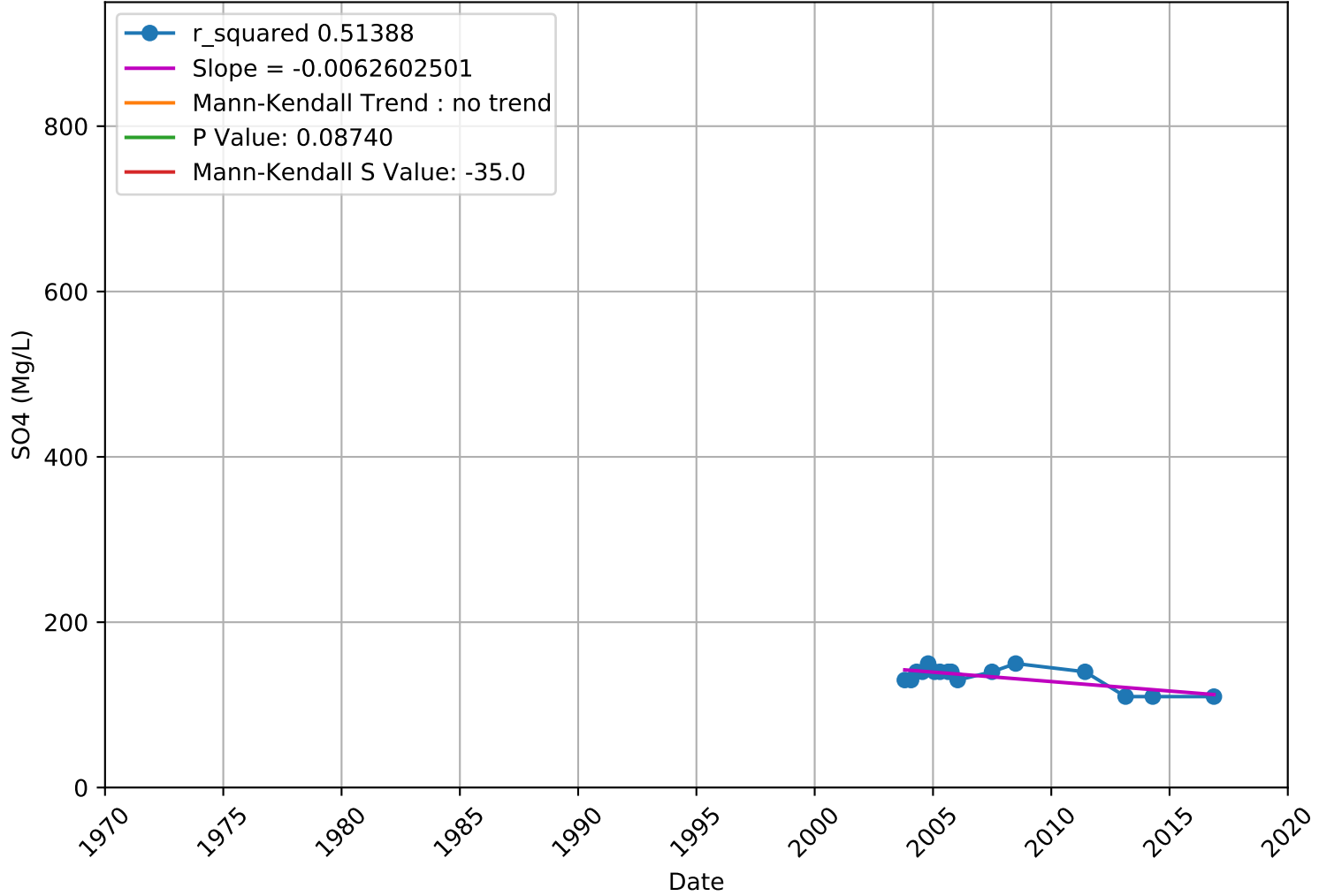
SO4 377031N1214485W002 - Lower Aquifer



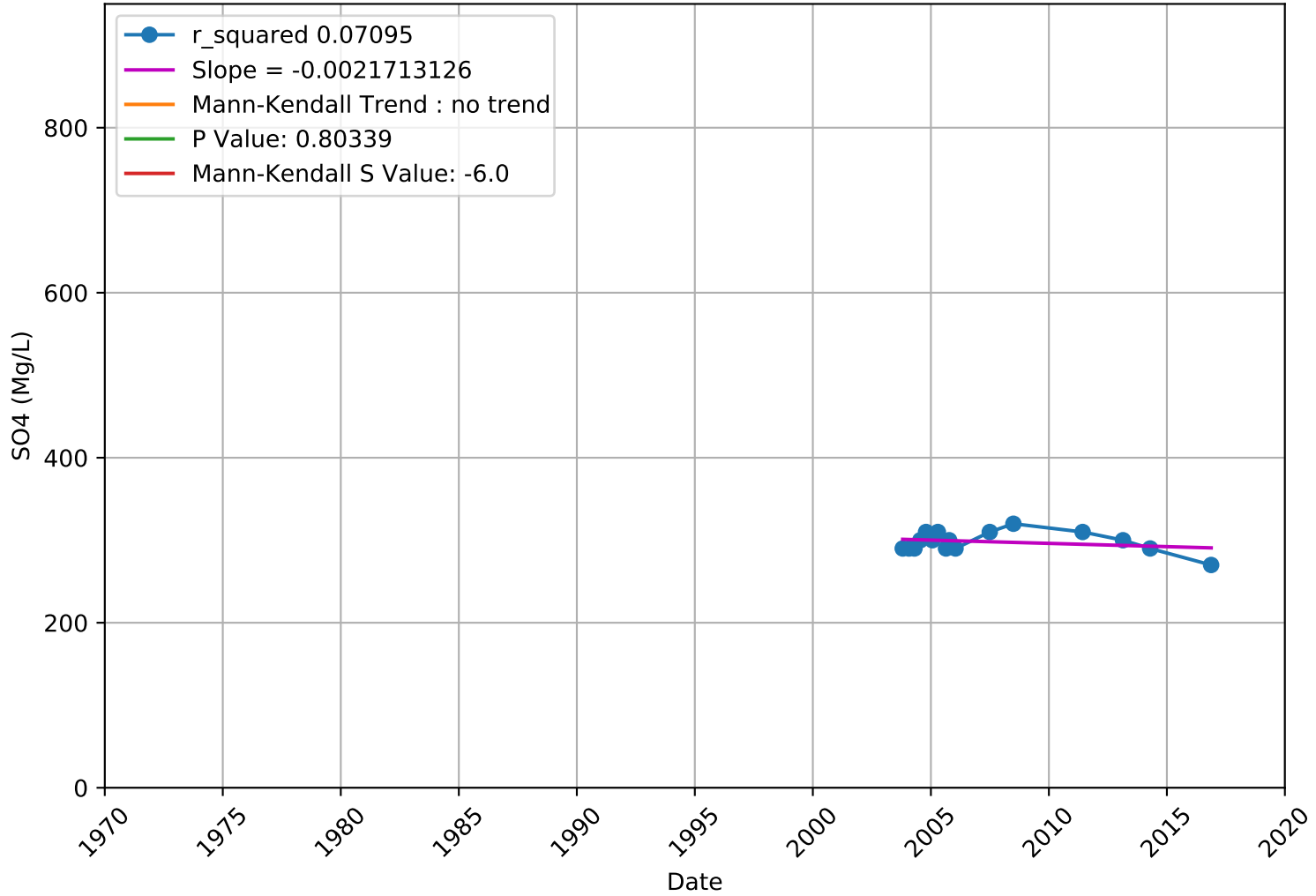
SO4 377031N1214485W003 - Lower Aquifer



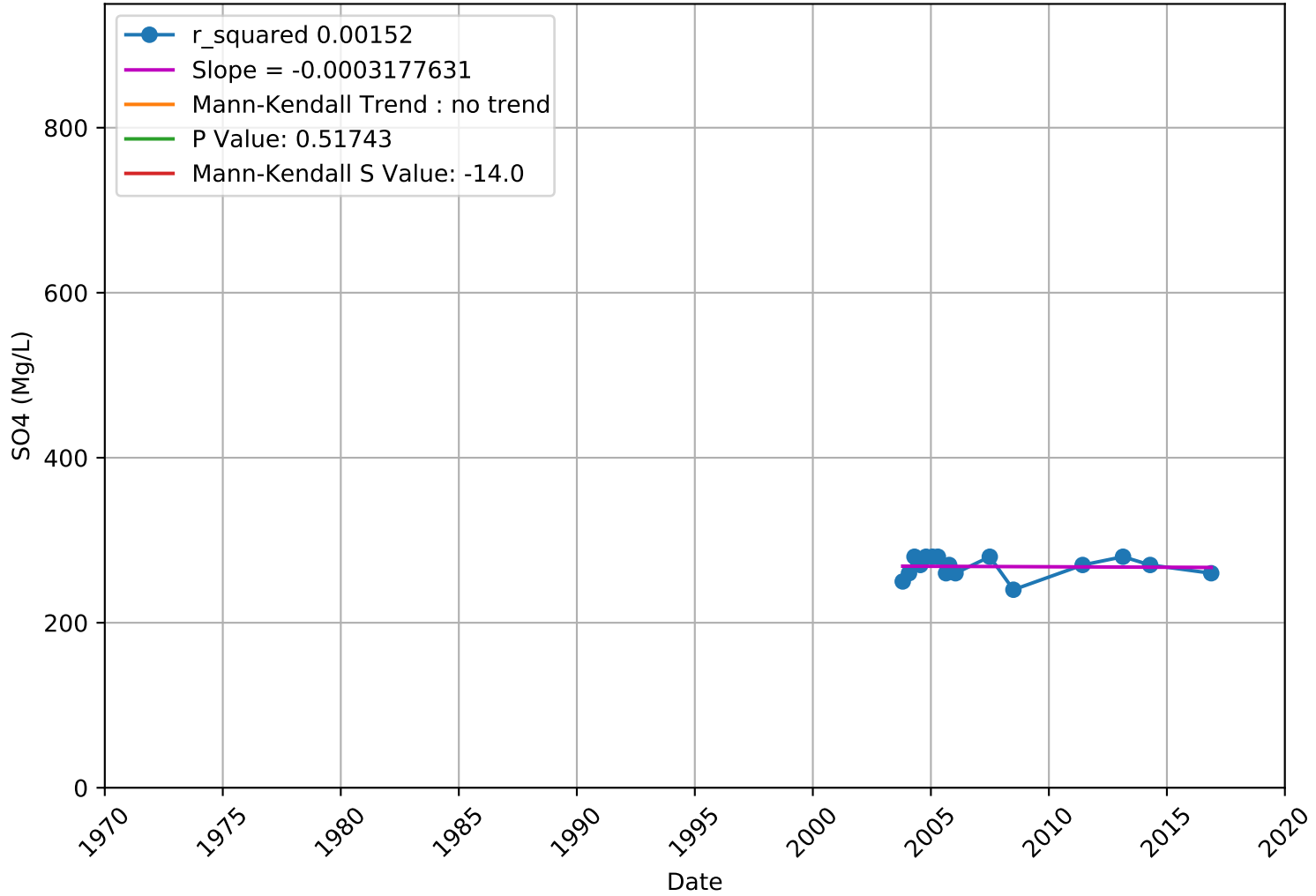
SO4 377143N1214459W001 - Lower Aquifer



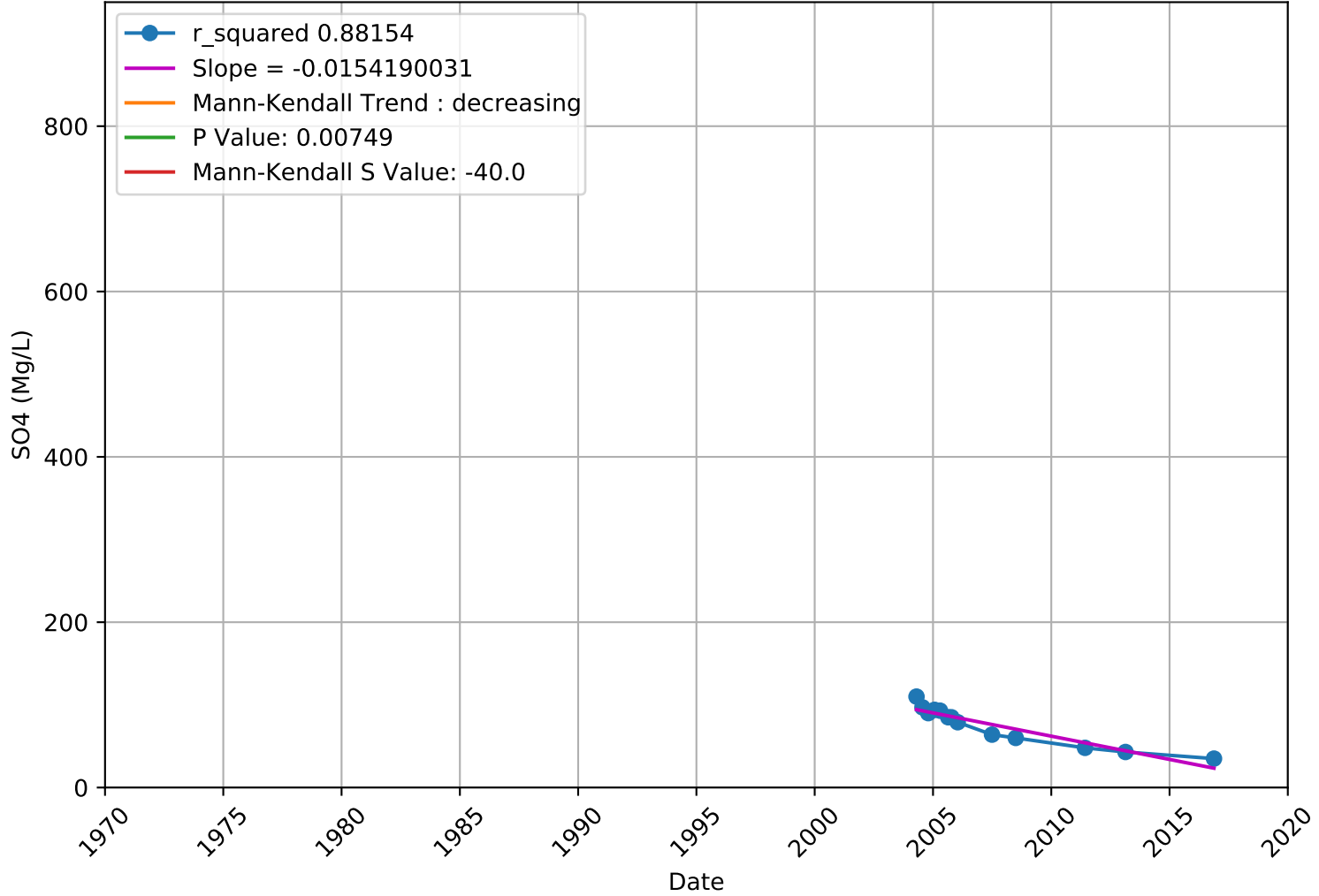
SO4 377143N1214459W002 - Lower Aquifer



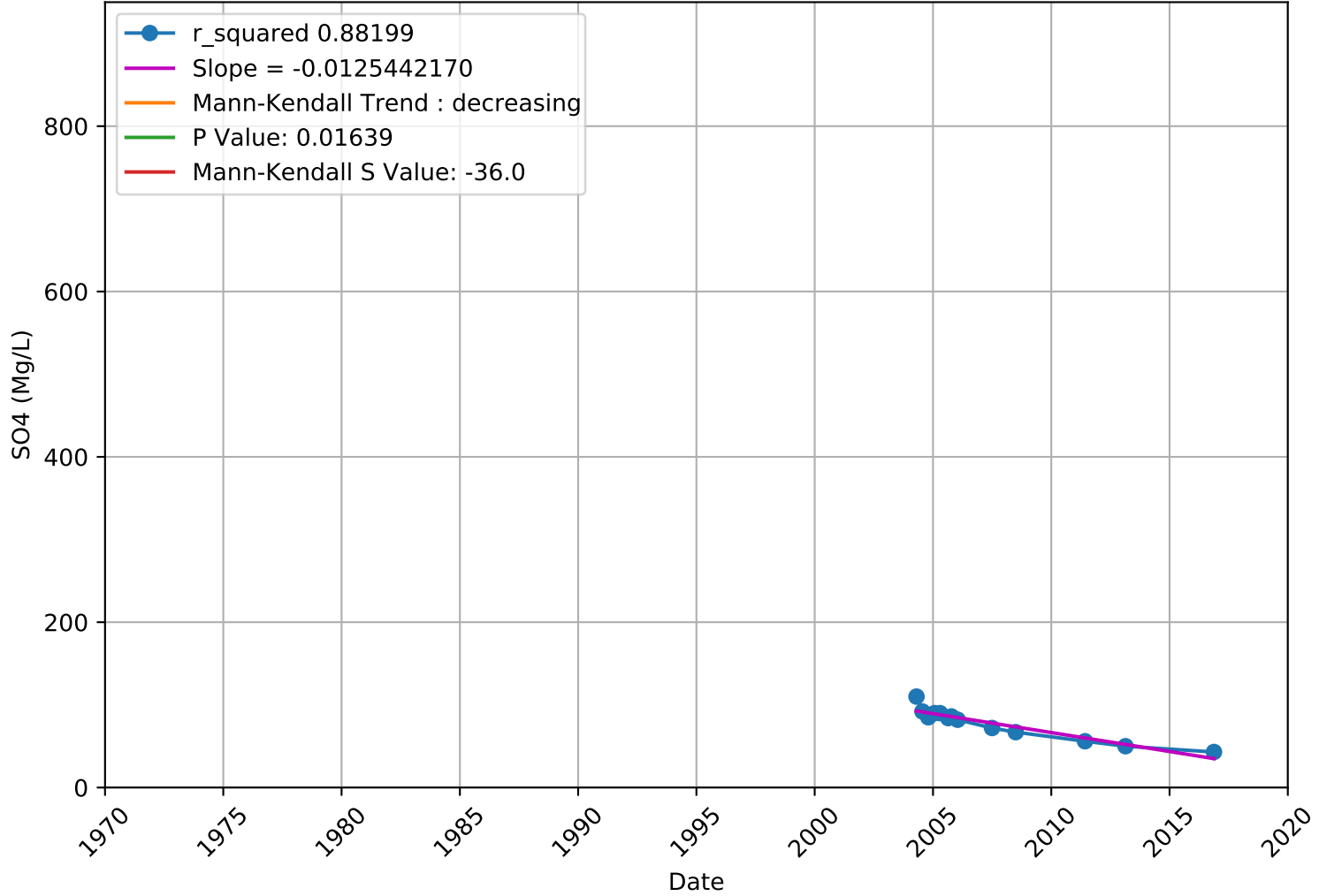
SO4 377143N1214459W003 - Lower Aquifer



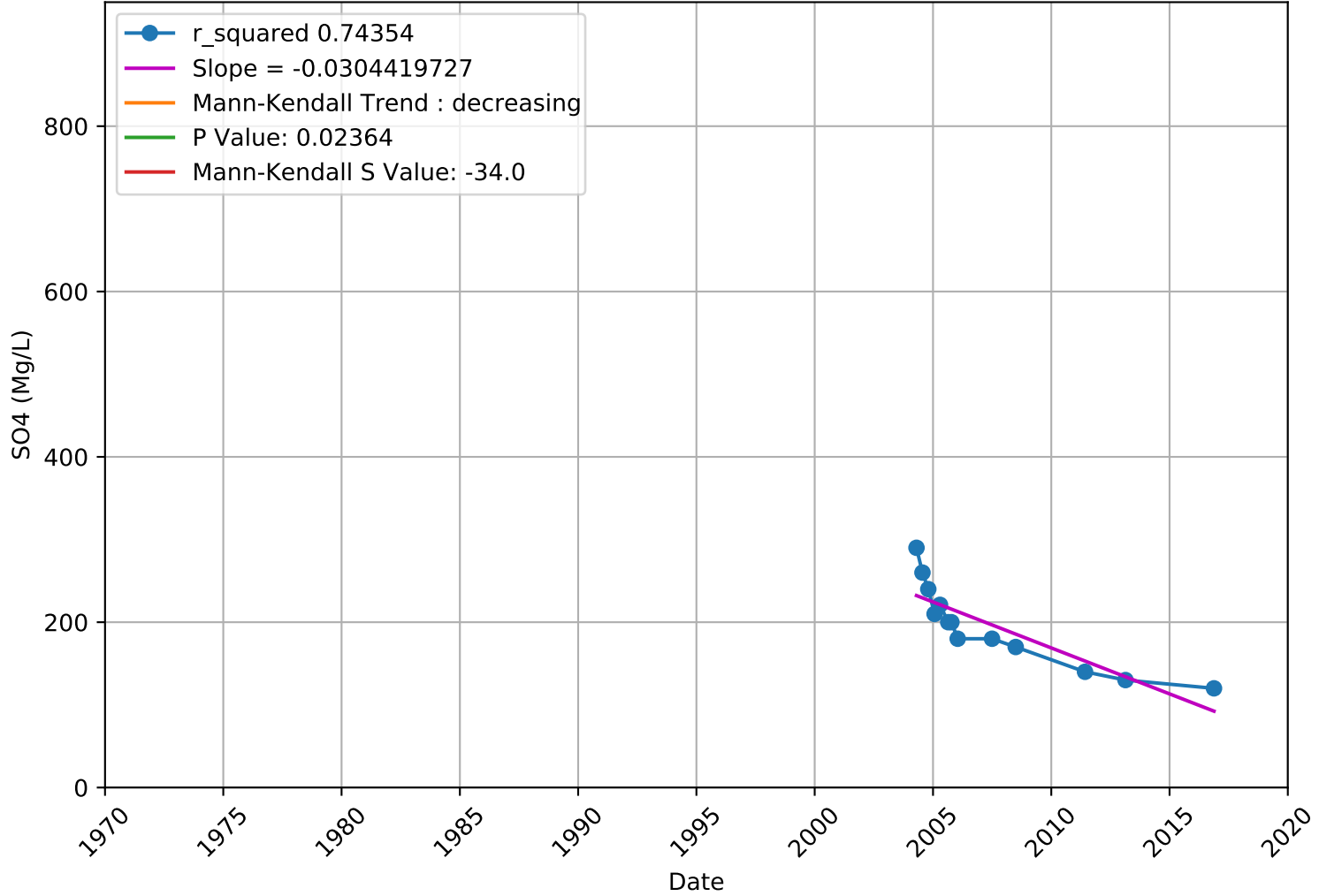
SO4 377149N1214257W001 - Lower Aquifer



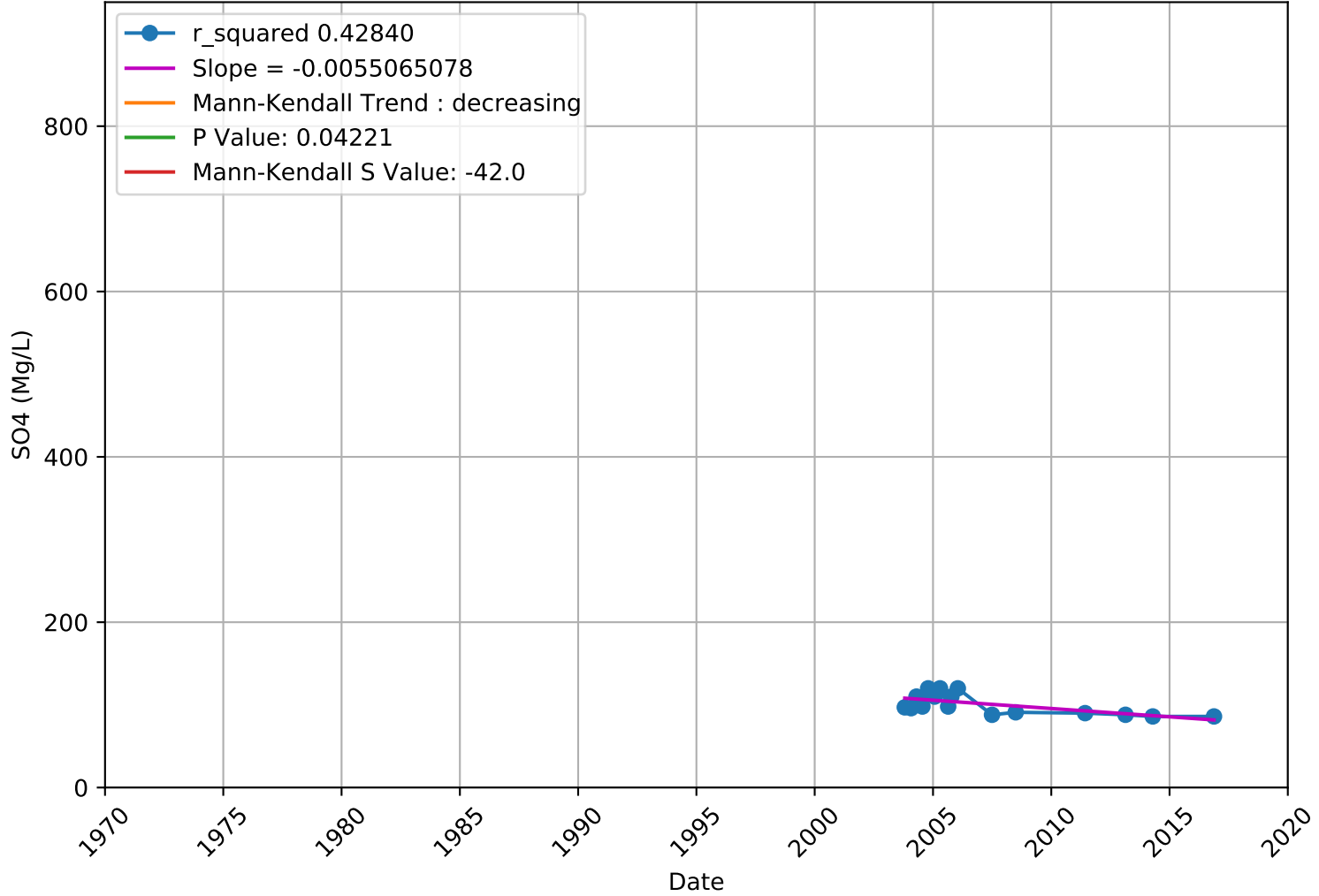
SO4 377149N1214257W002 - Lower Aquifer



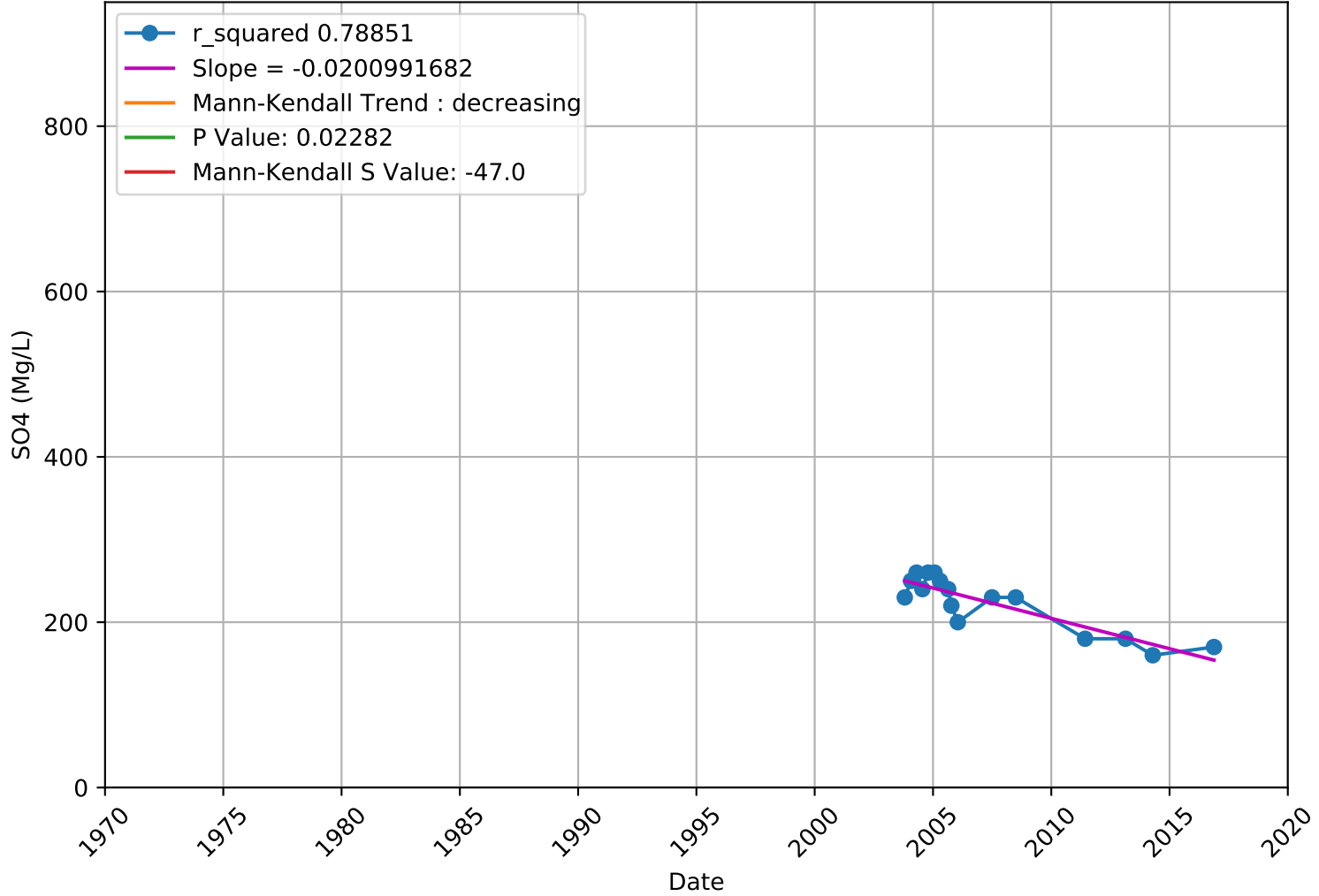
SO4 377149N1214257W003 - Lower Aquifer



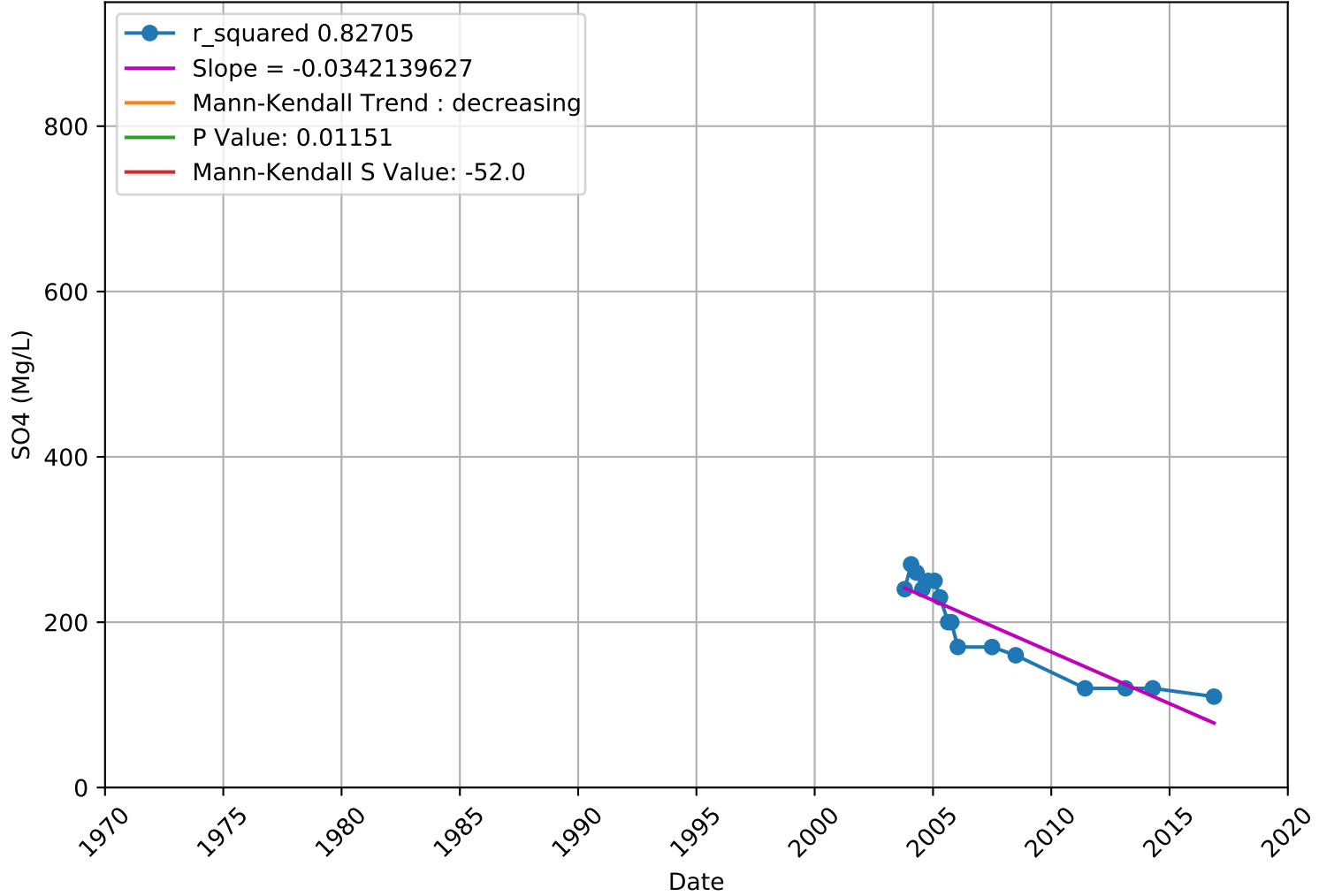
SO4 377402N1214508W001 - Lower Aquifer



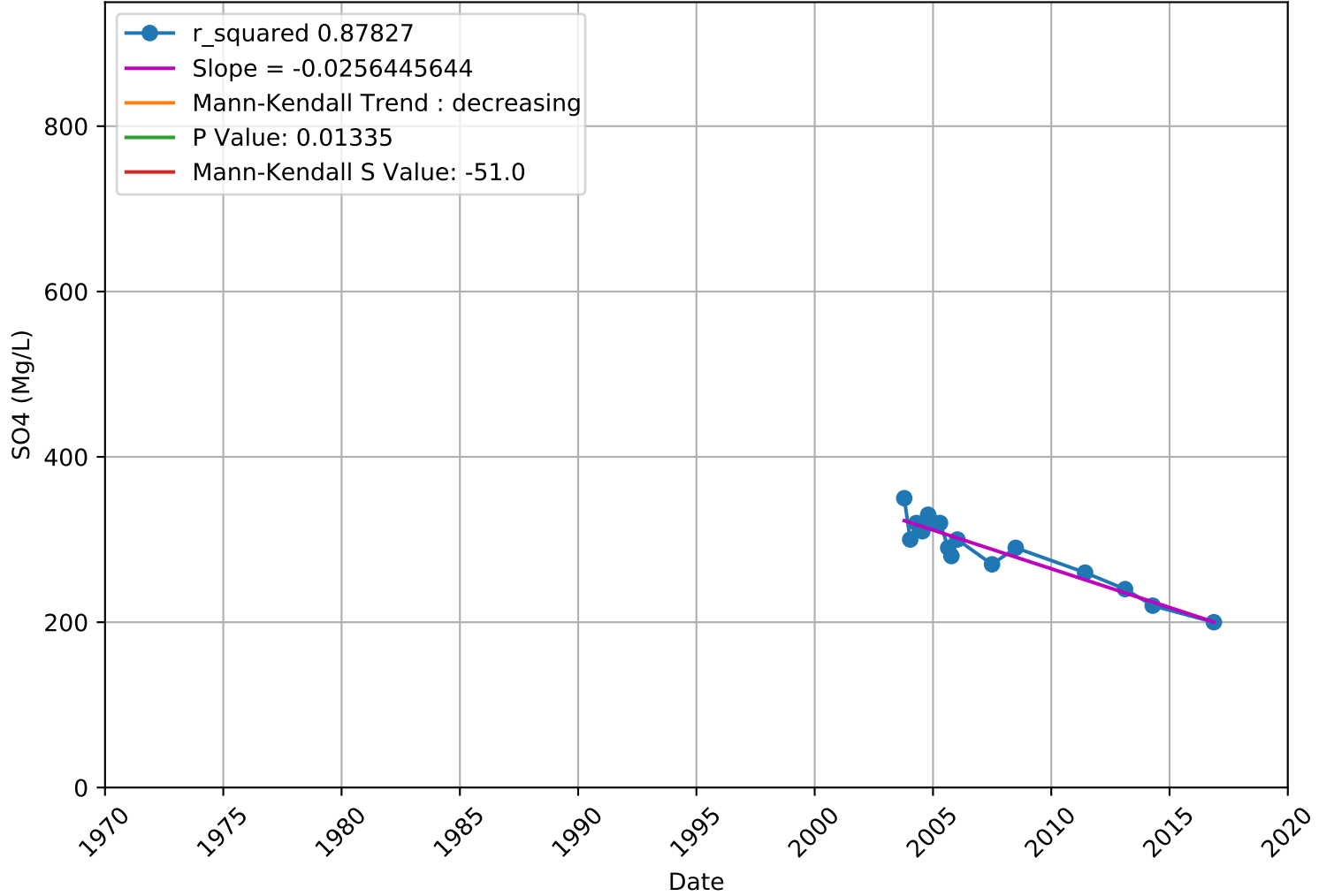
SO4 377402N1214508W002 - Lower Aquifer



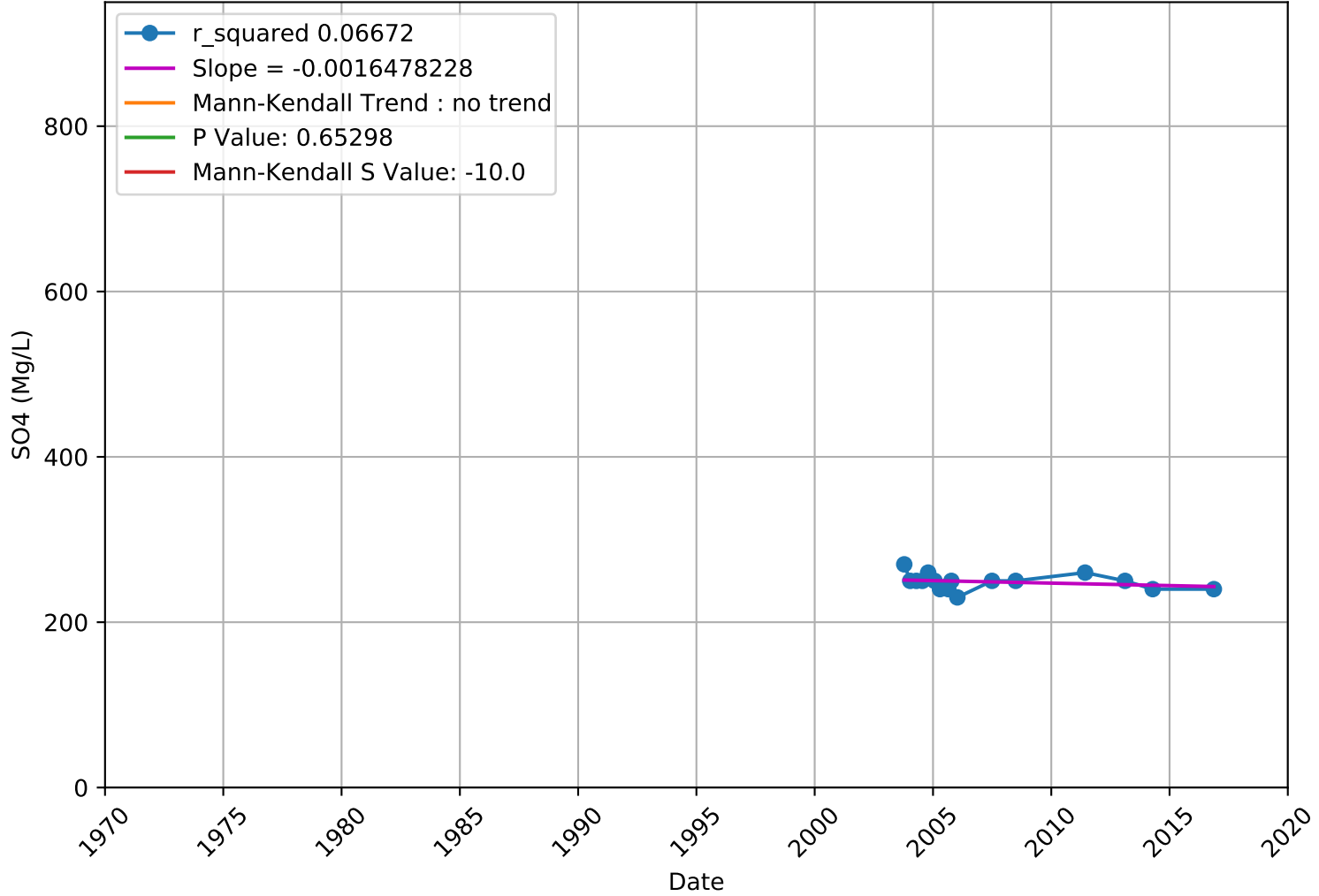
SO4 377402N1214508W003 - Lower Aquifer



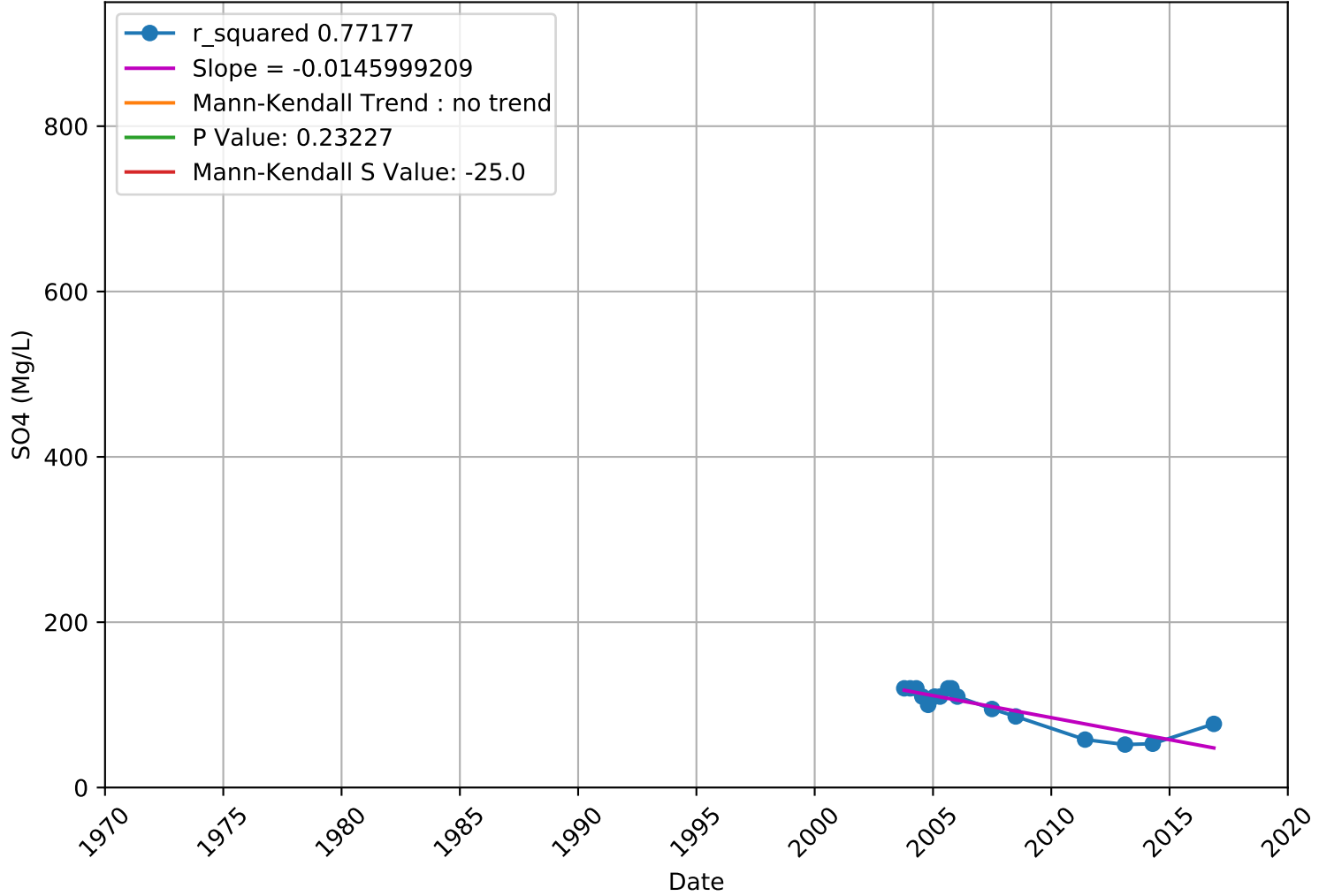
SO4 377427N1213943W001 - Lower Aquifer



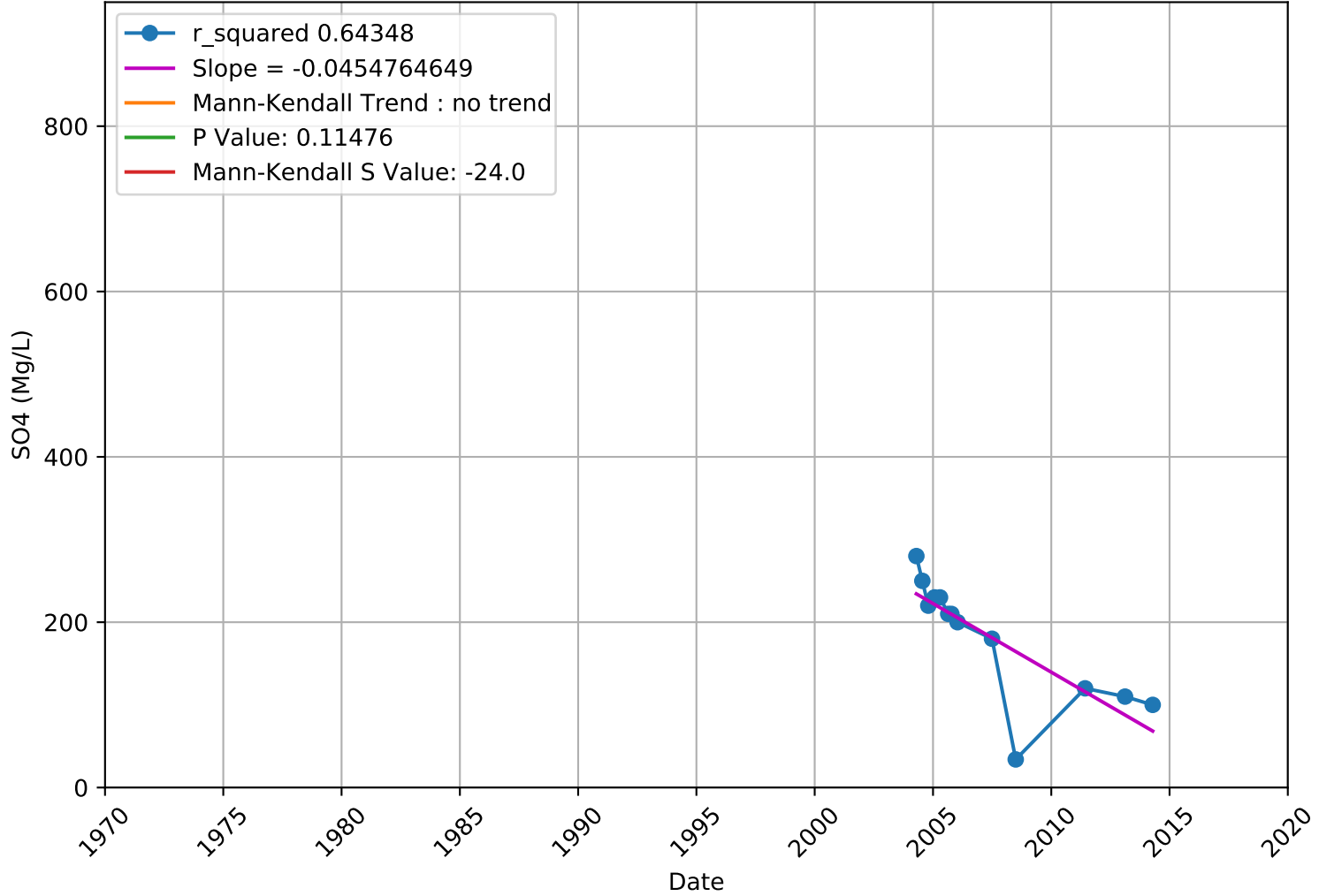
SO4 377427N1213943W002 - Lower Aquifer



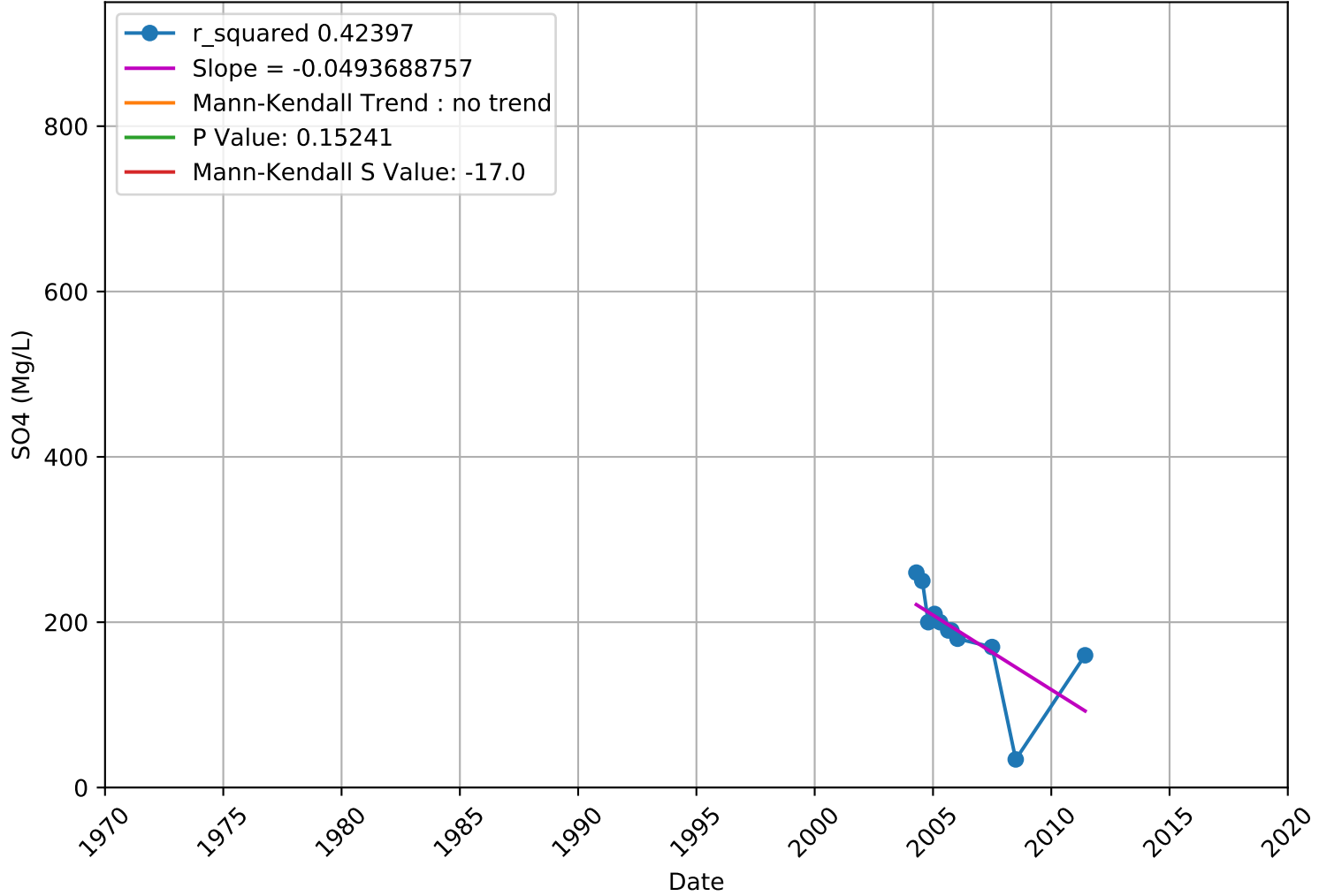
SO4 377427N1213943W003 - Lower Aquifer



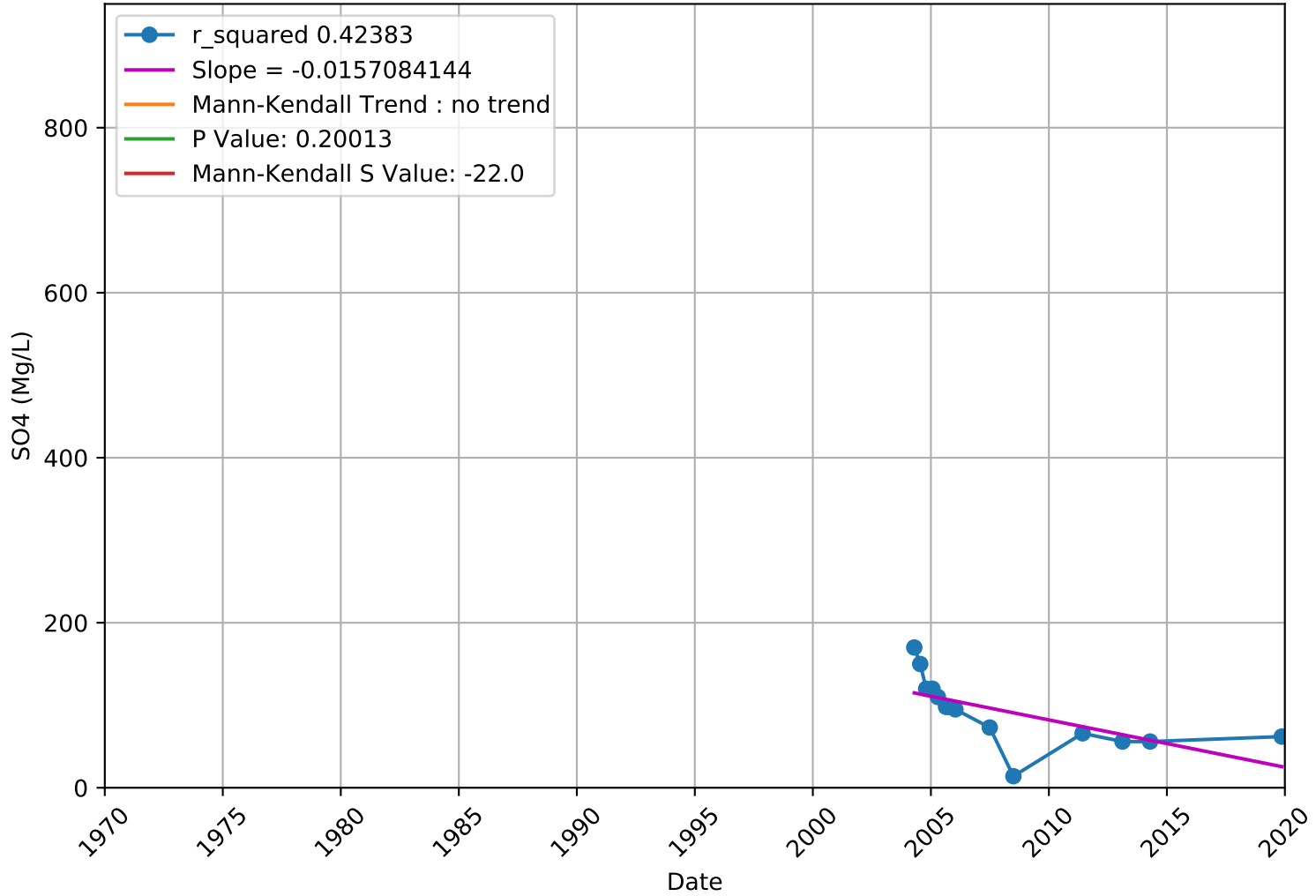
SO4 377656N1214199W001 - Lower Aquifer



SO4 377656N1214199W002 - Lower Aquifer

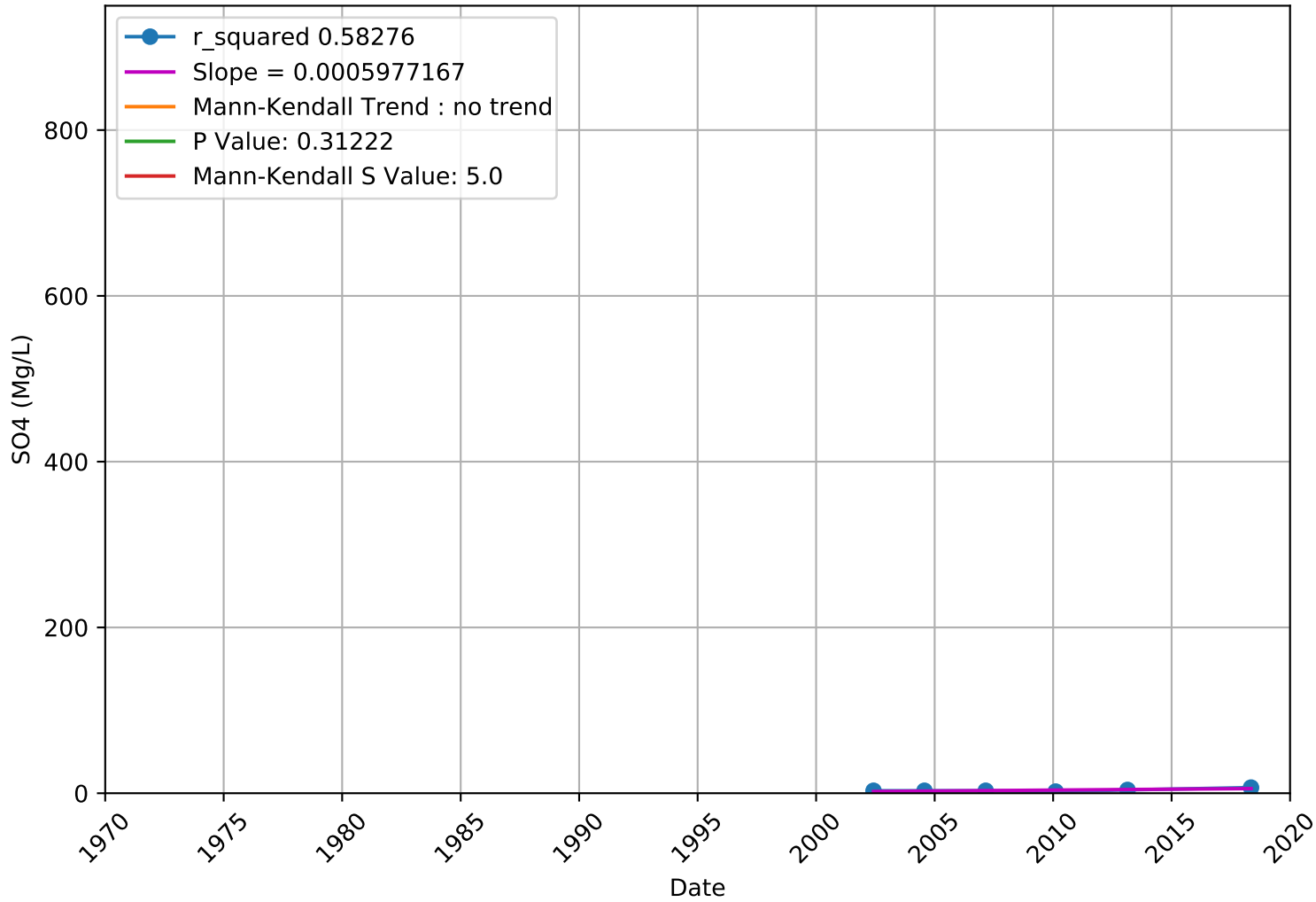


SO4 377656N1214199W003 - Lower Aquifer

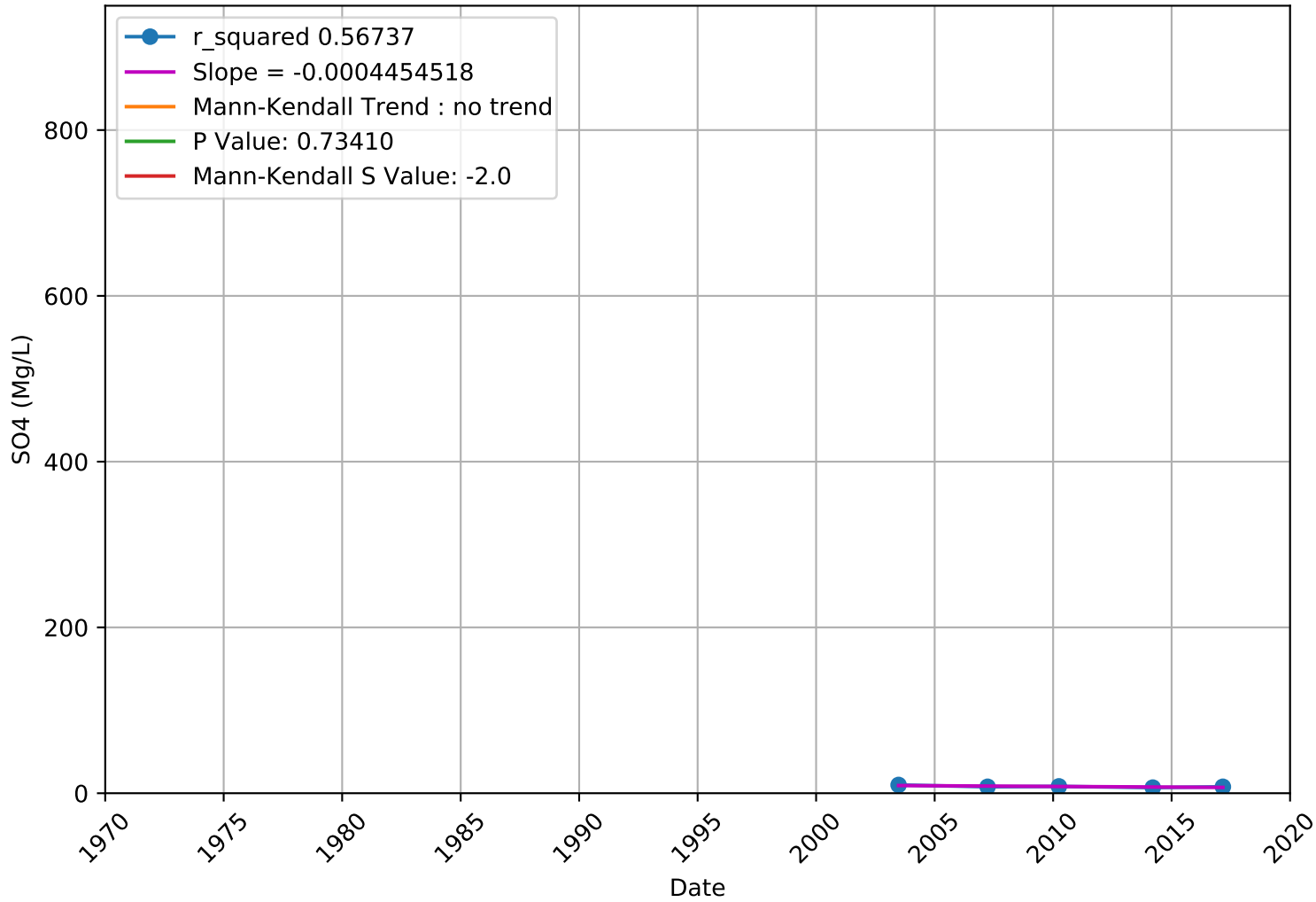


SO4

3900558-002 - Unknown Aquifer

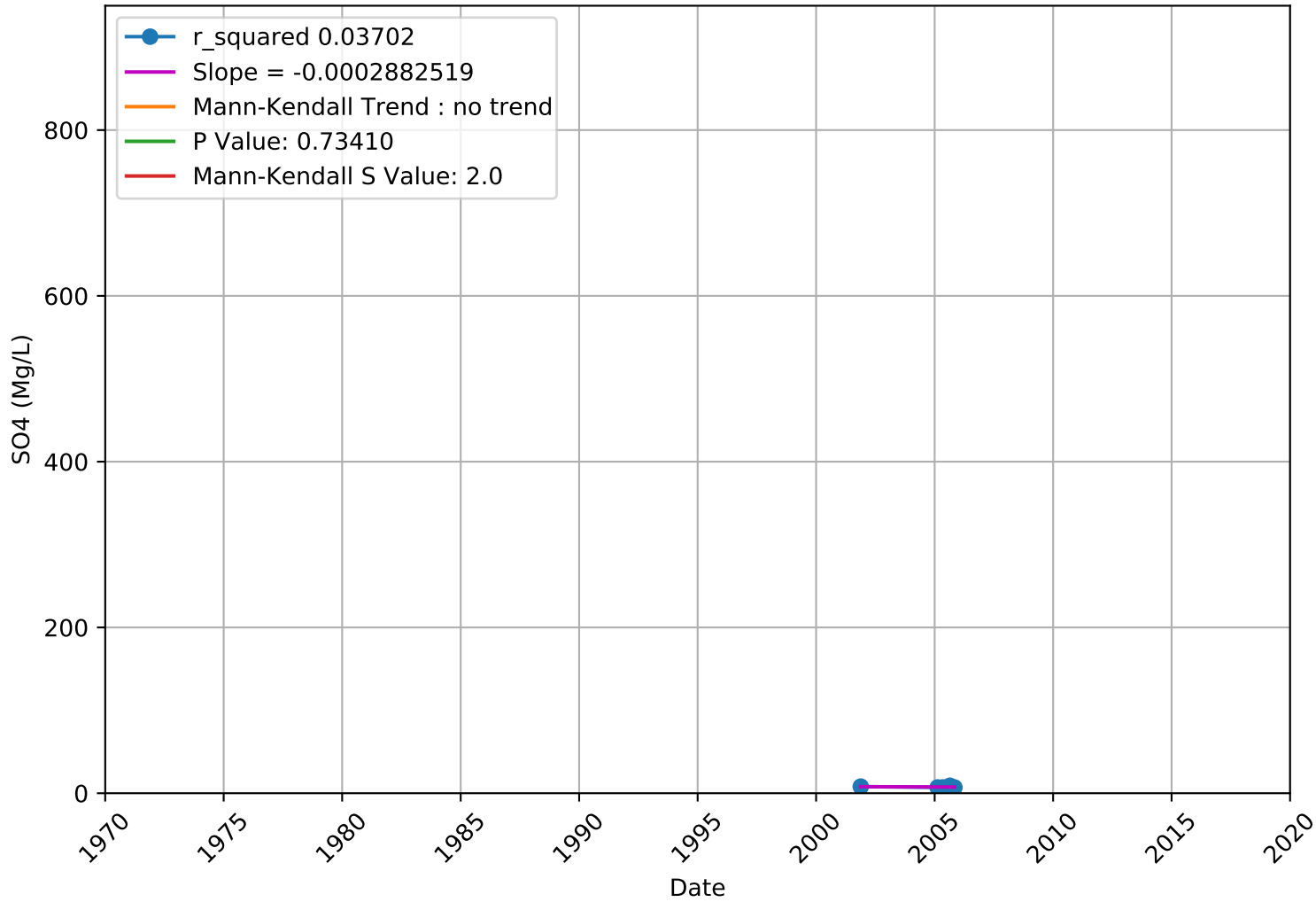


SO4 3900559-001 - Unknown Aquifer

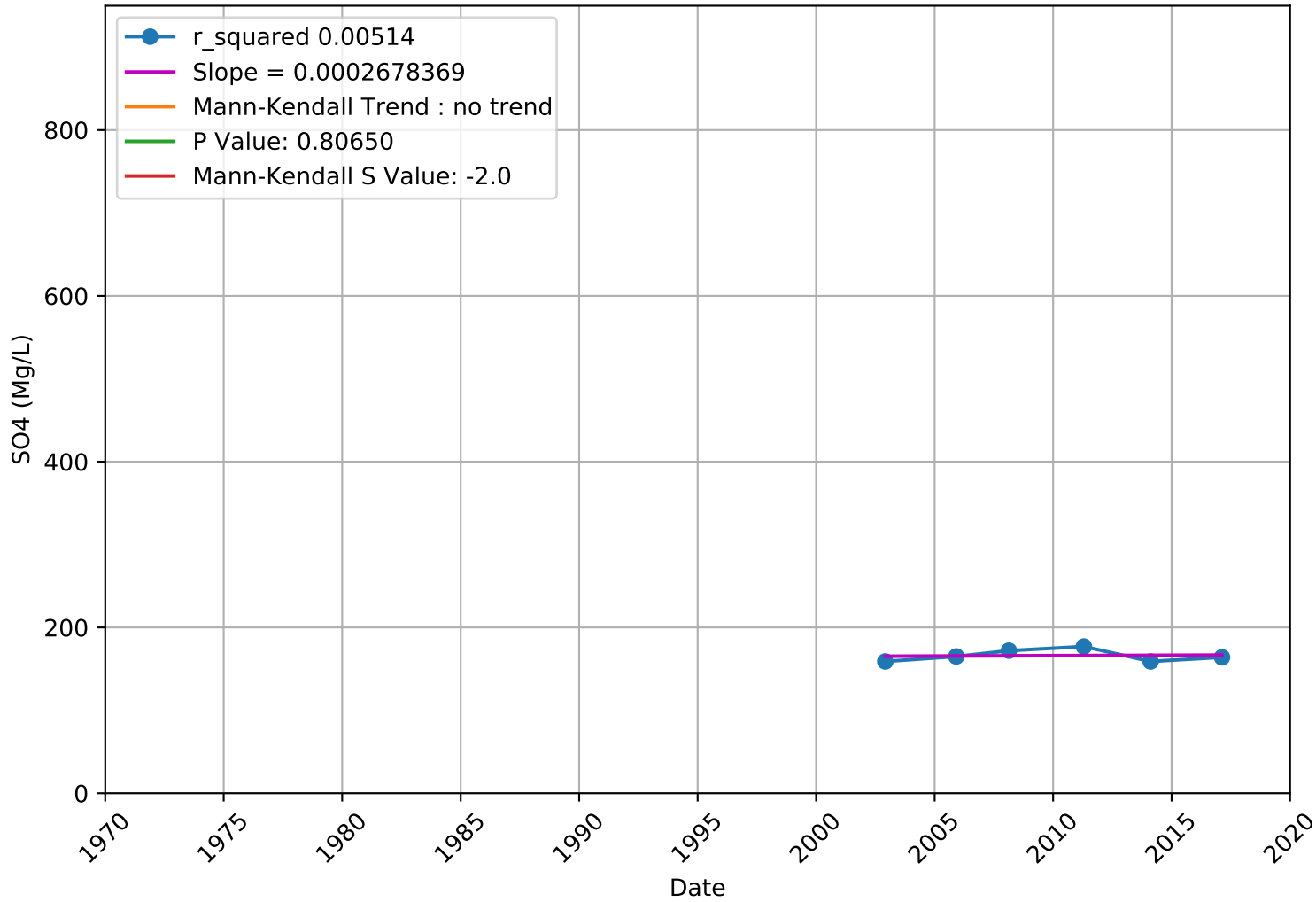


SO4

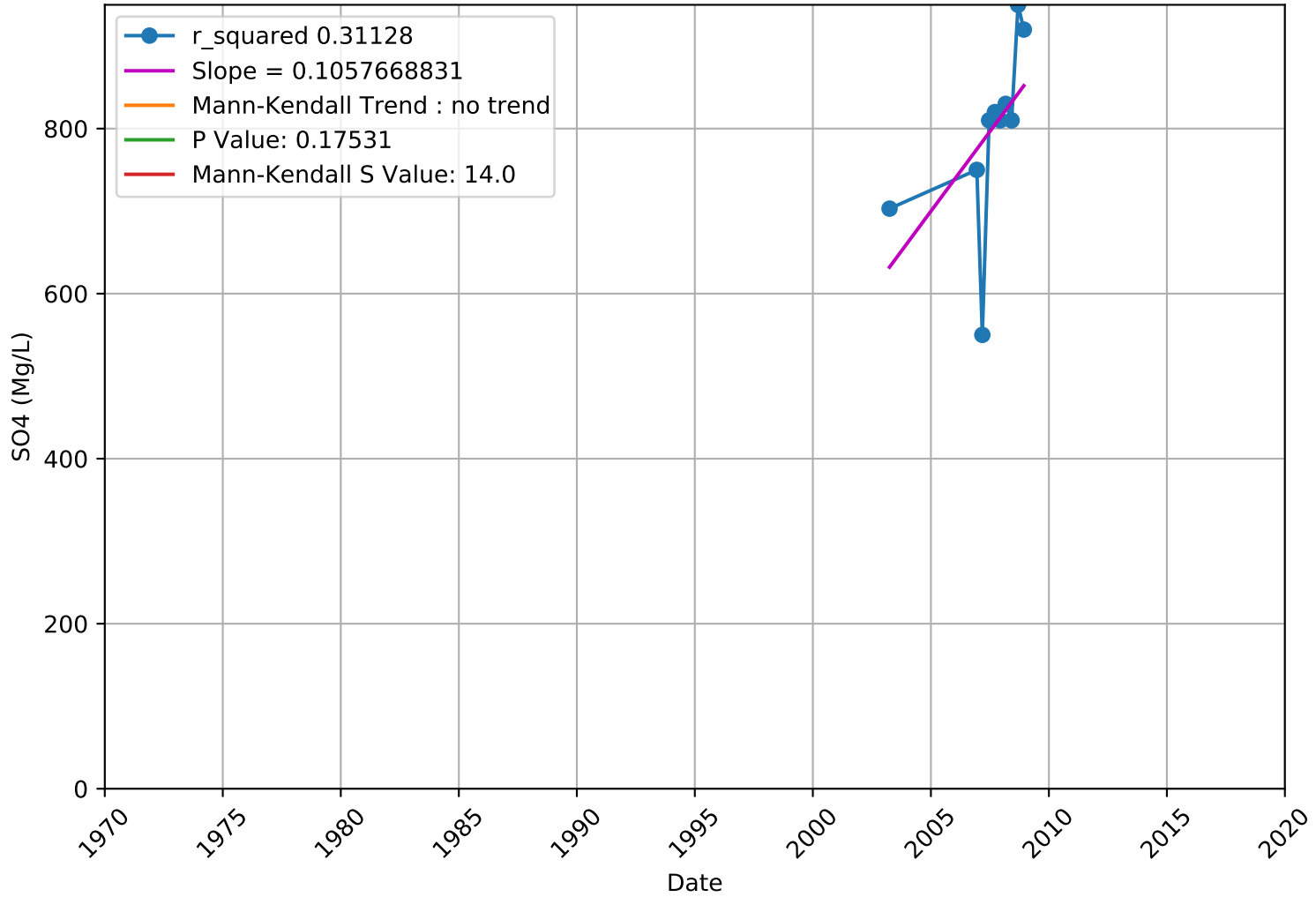
3900583-001 - Unknown Aquifer



SO4 3900702-001 - Unknown Aquifer

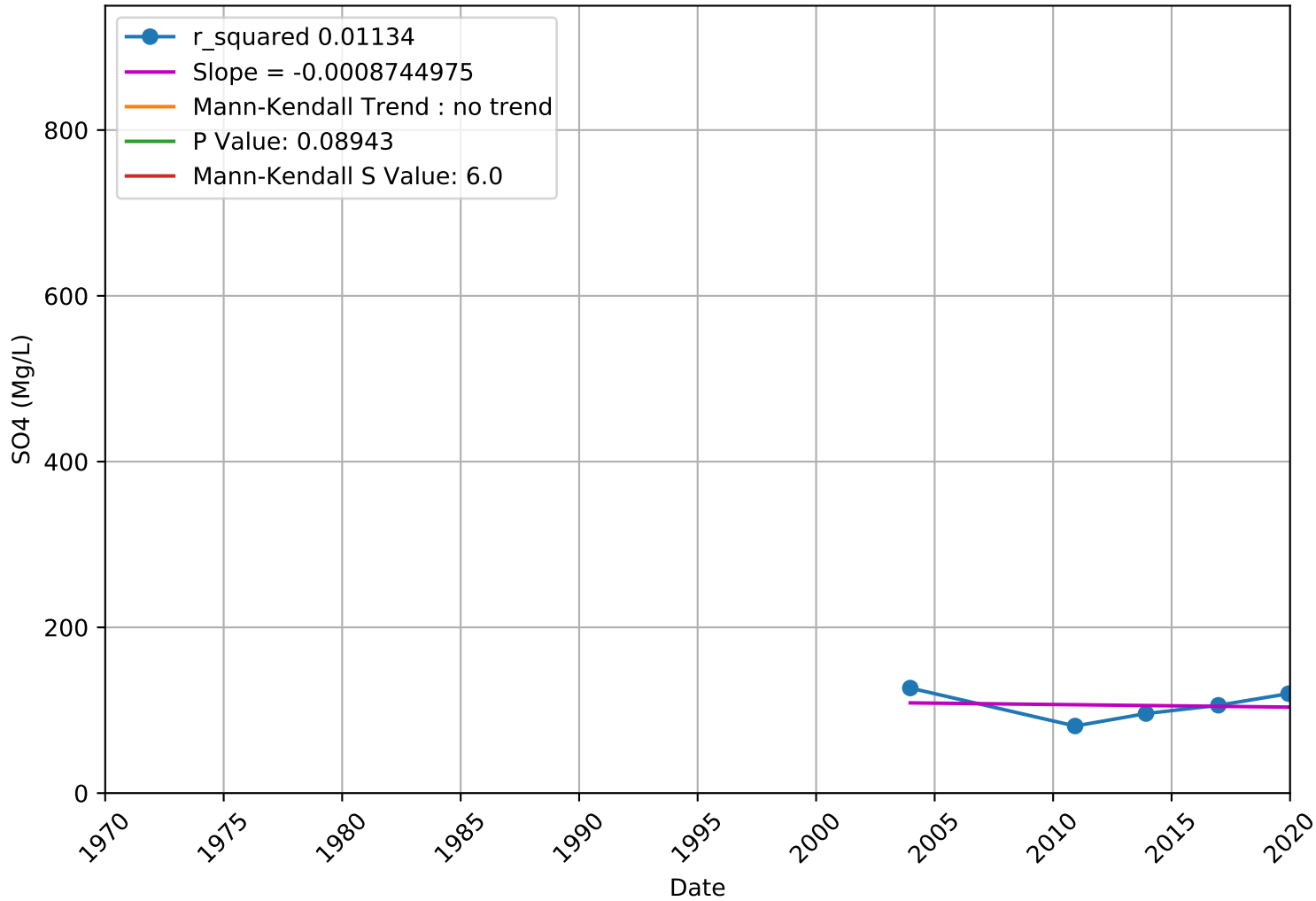


SO4 3900713-001 - Unknown Aquifer

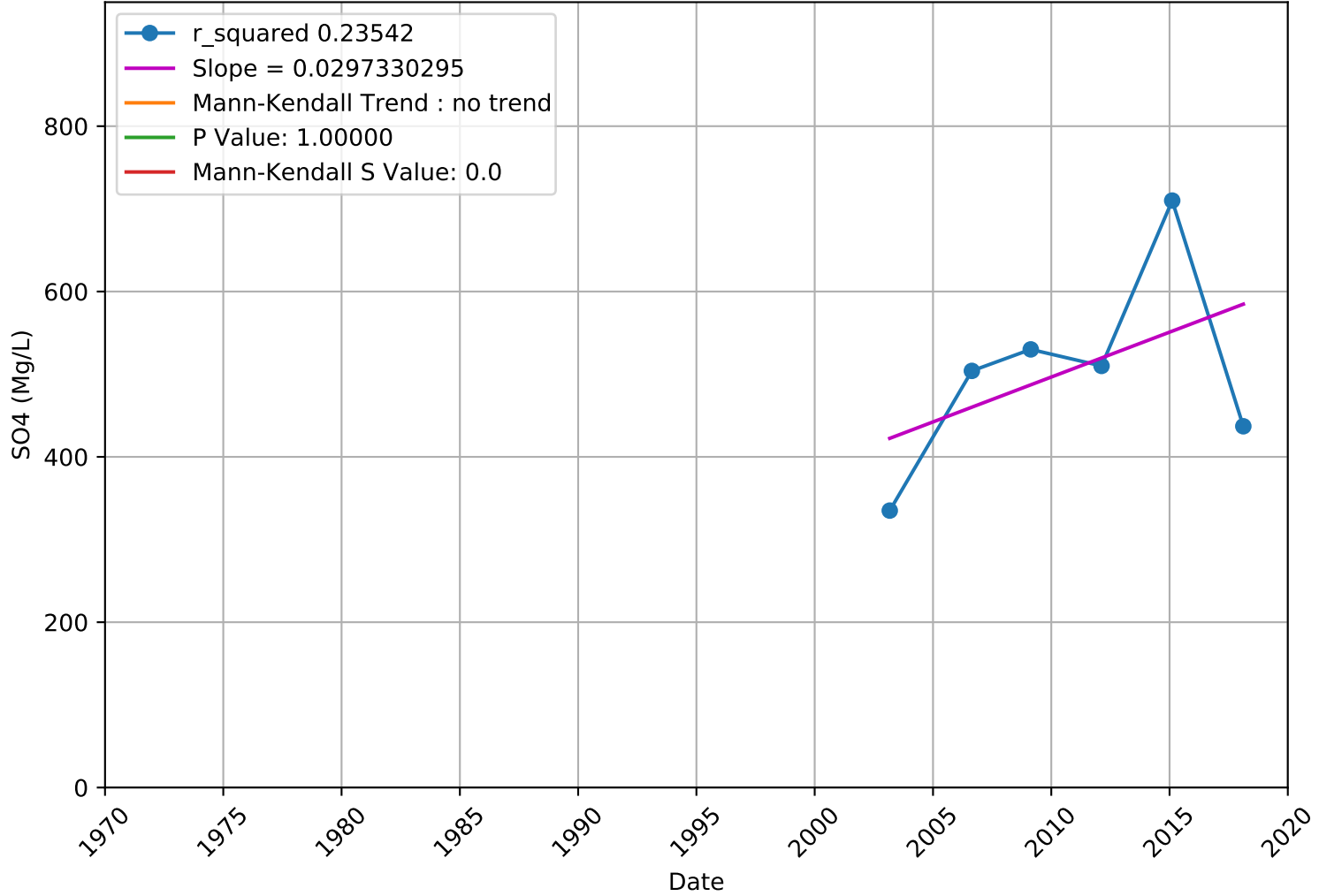


SO4

3900991-001 - Unknown Aquifer

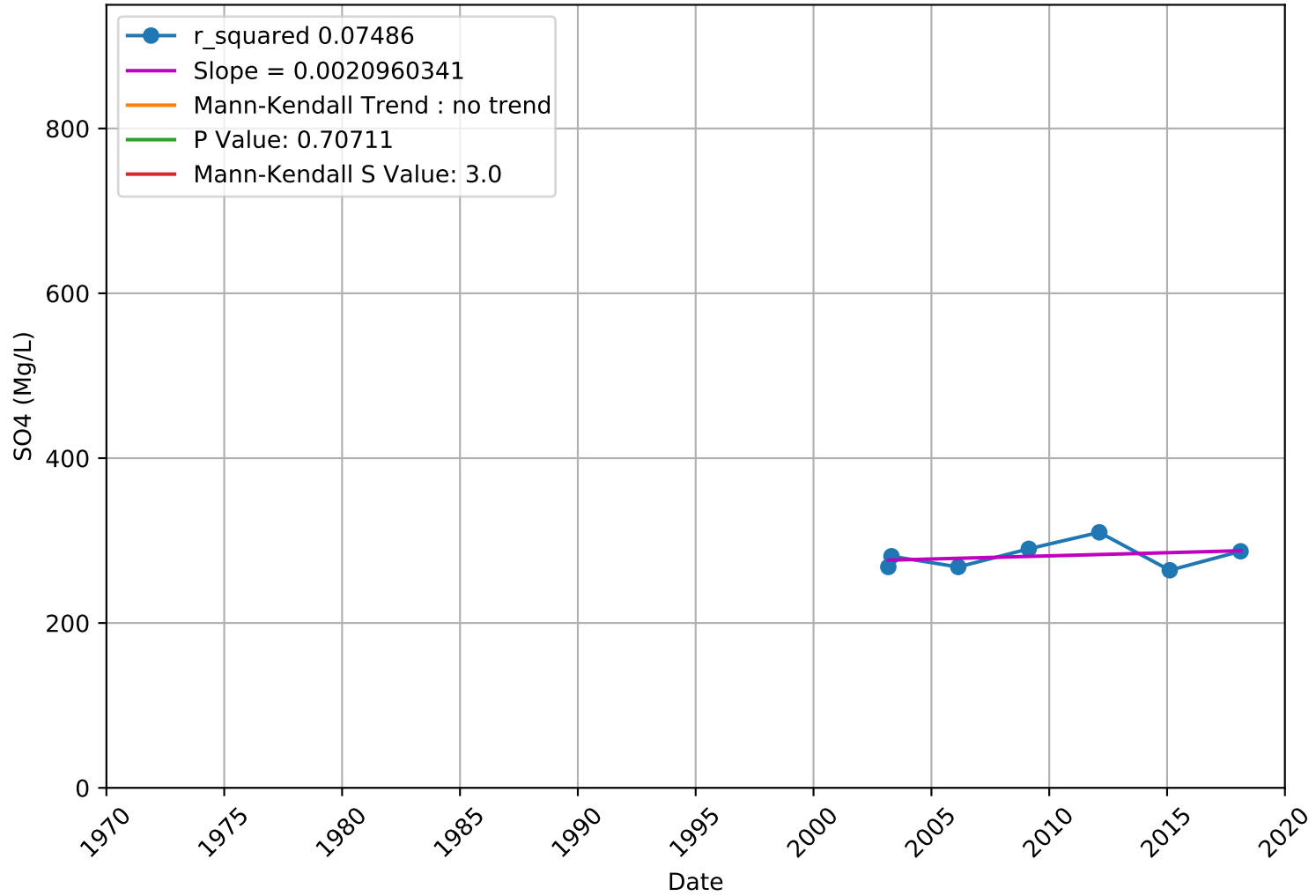


SO4 3901172-002 - Unknown Aquifer



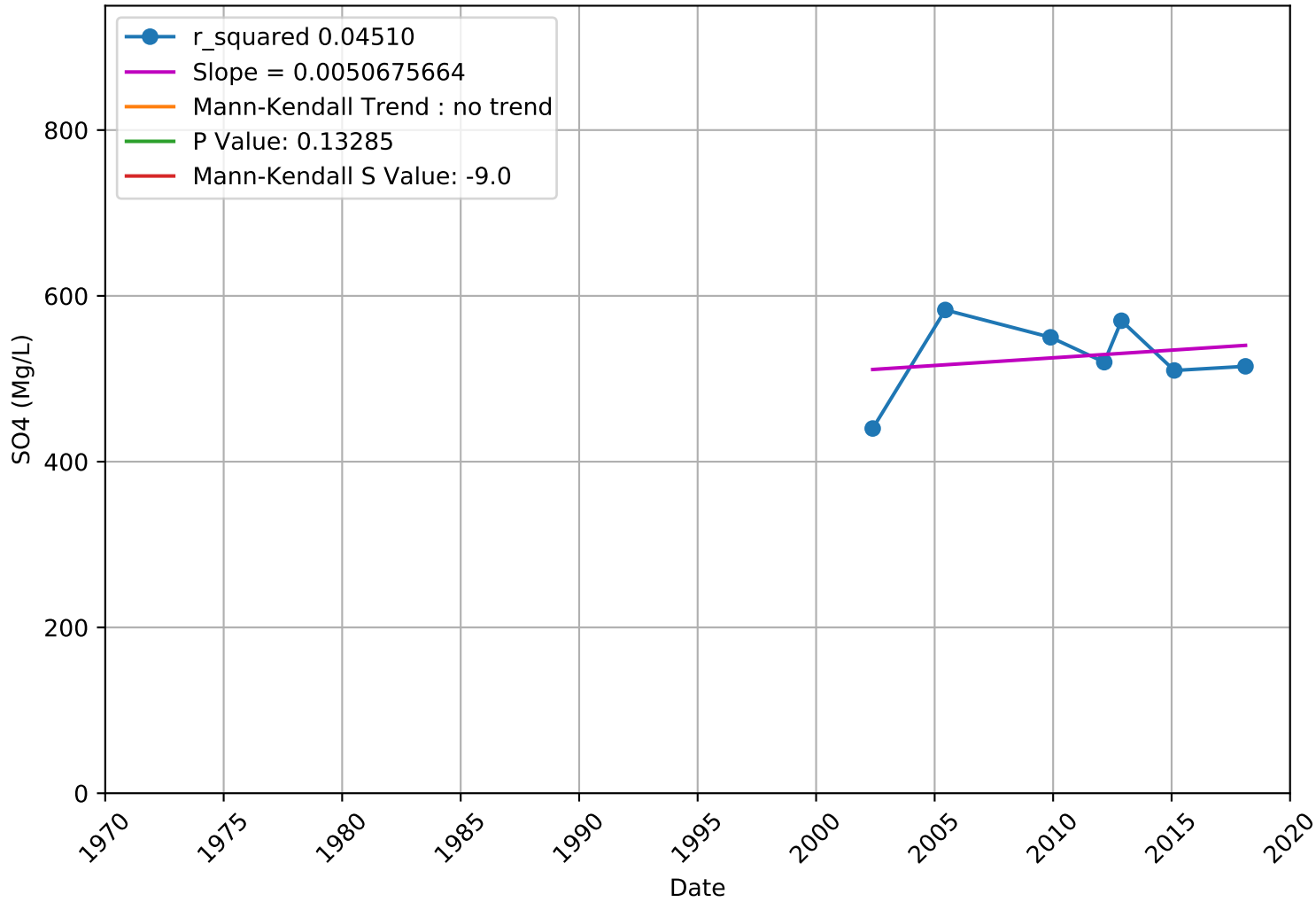
SO4

3901172-003 - Unknown Aquifer



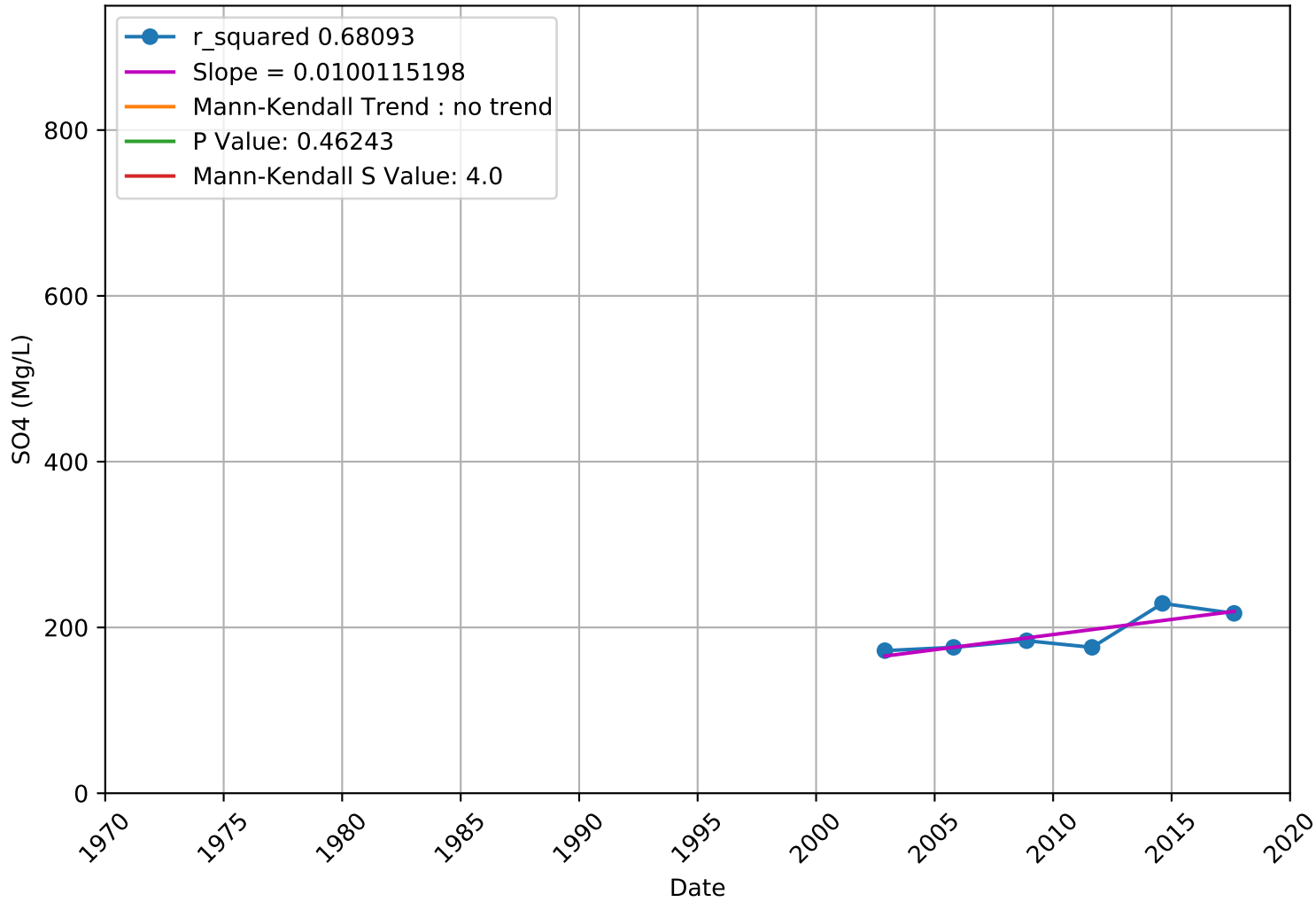
SO4

3901216-002 - Unknown Aquifer



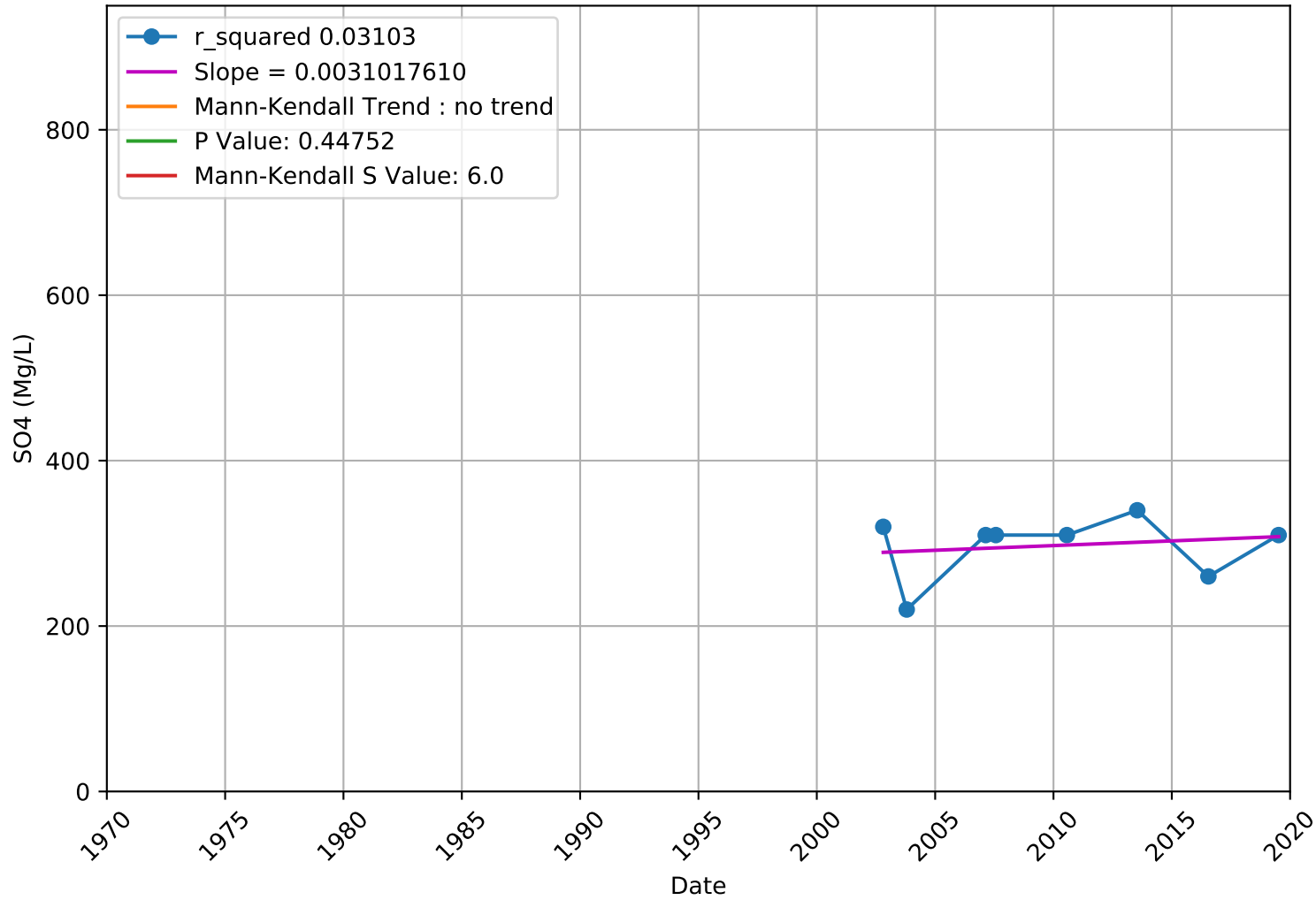
SO4

3901348-002 - Unknown Aquifer



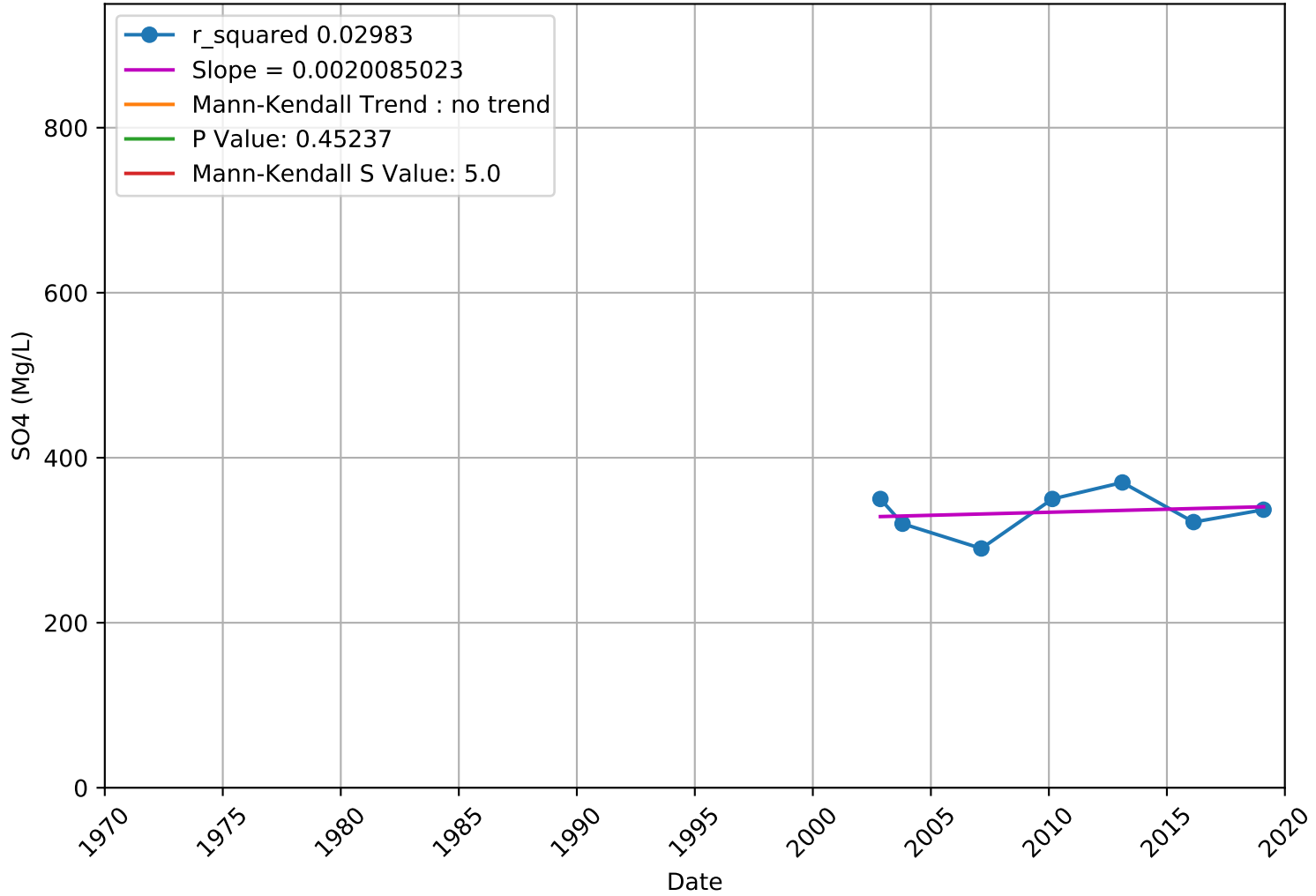
SO4

3901348-003 - Unknown Aquifer



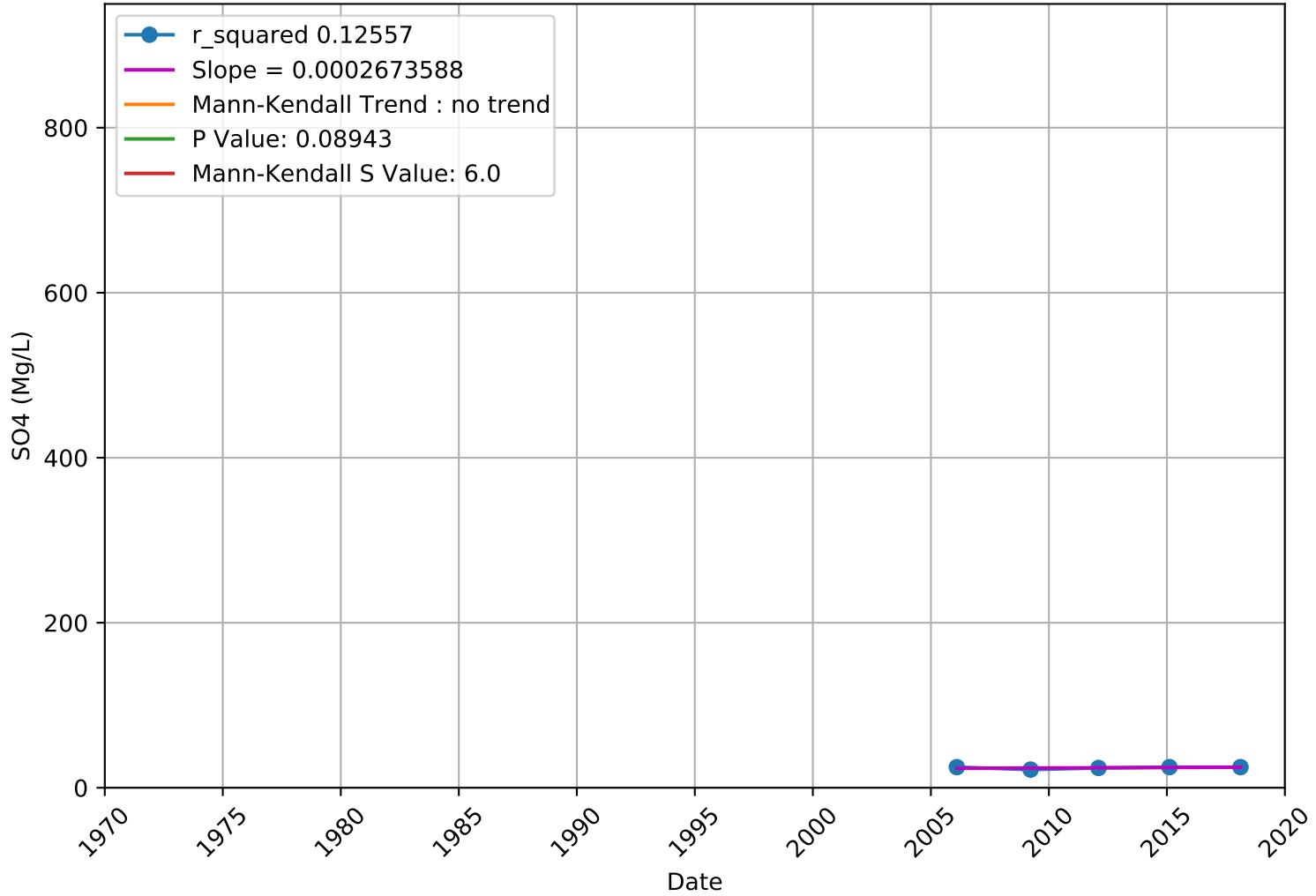
SO4

3901348-004 - Unknown Aquifer

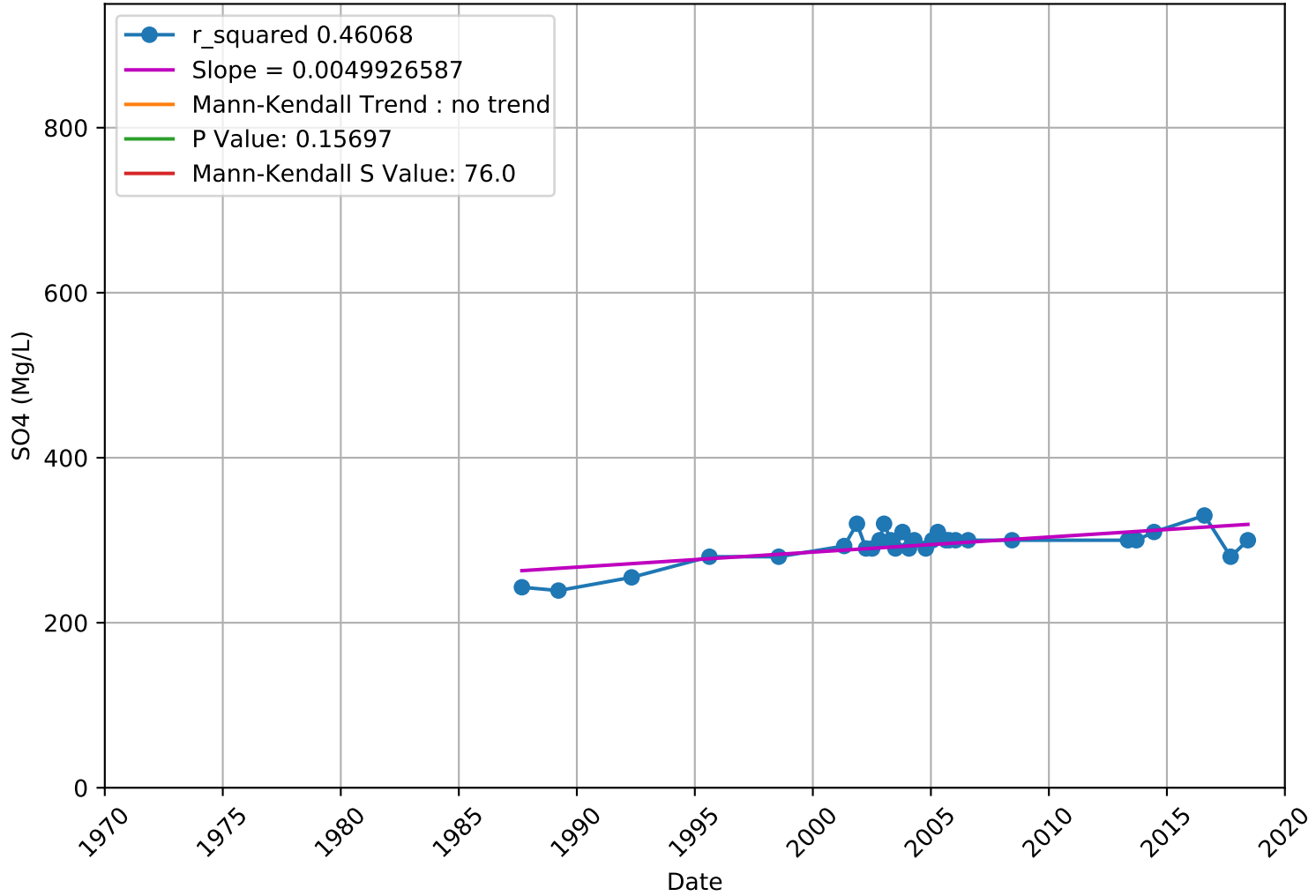


SO4

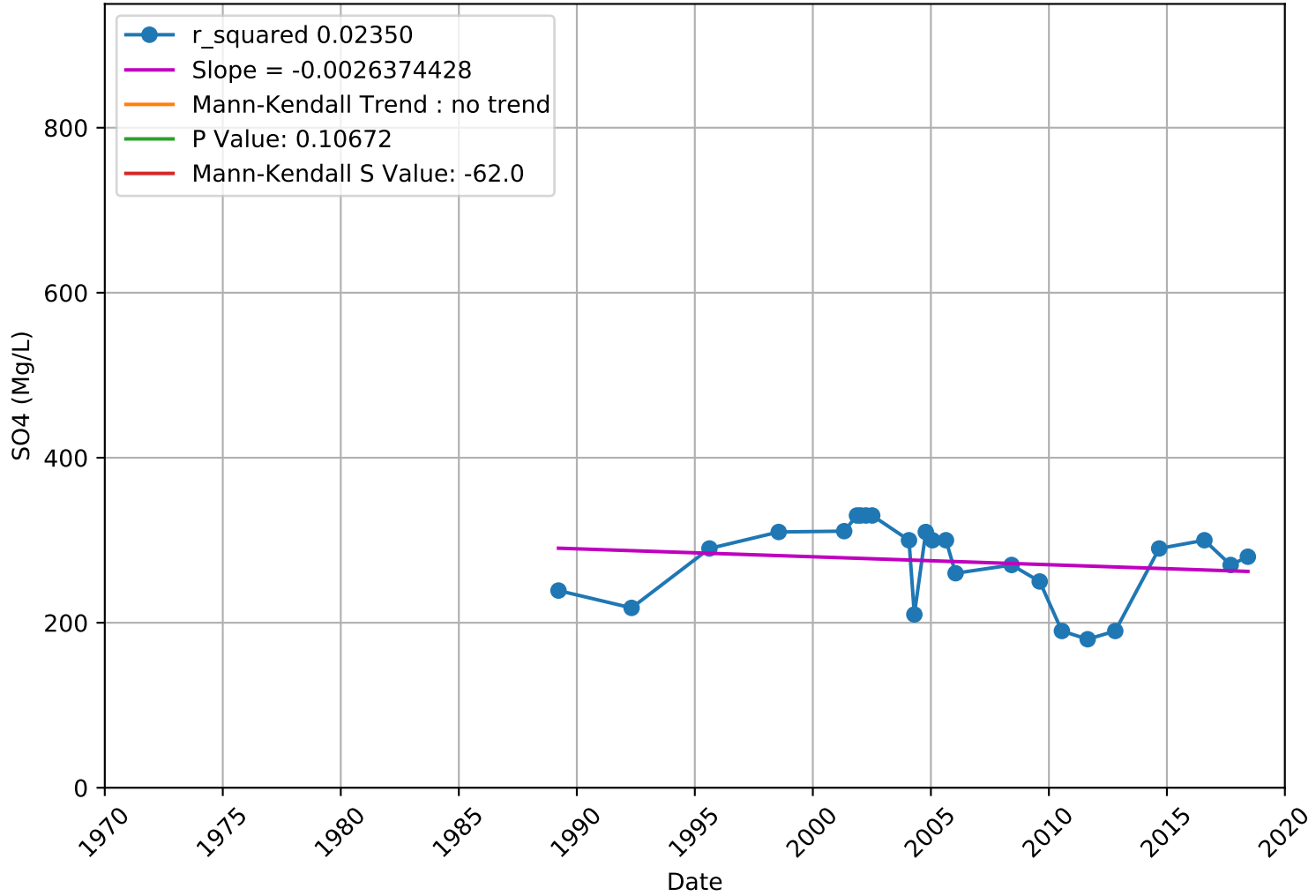
3910005-044 - Unknown Aquifer



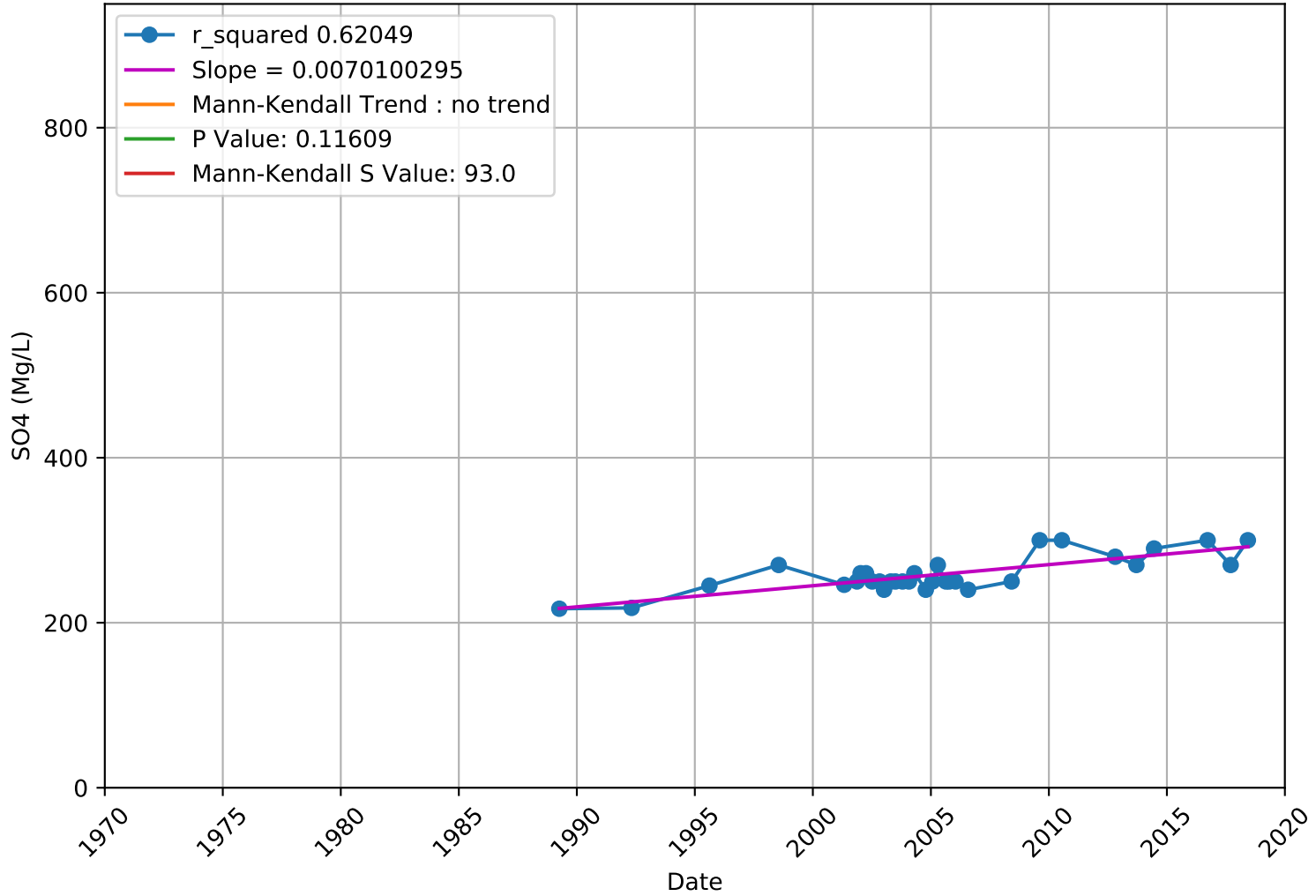
SO4 3910011-003 - Lower Aquifer



SO4 3910011-004 - Lower Aquifer

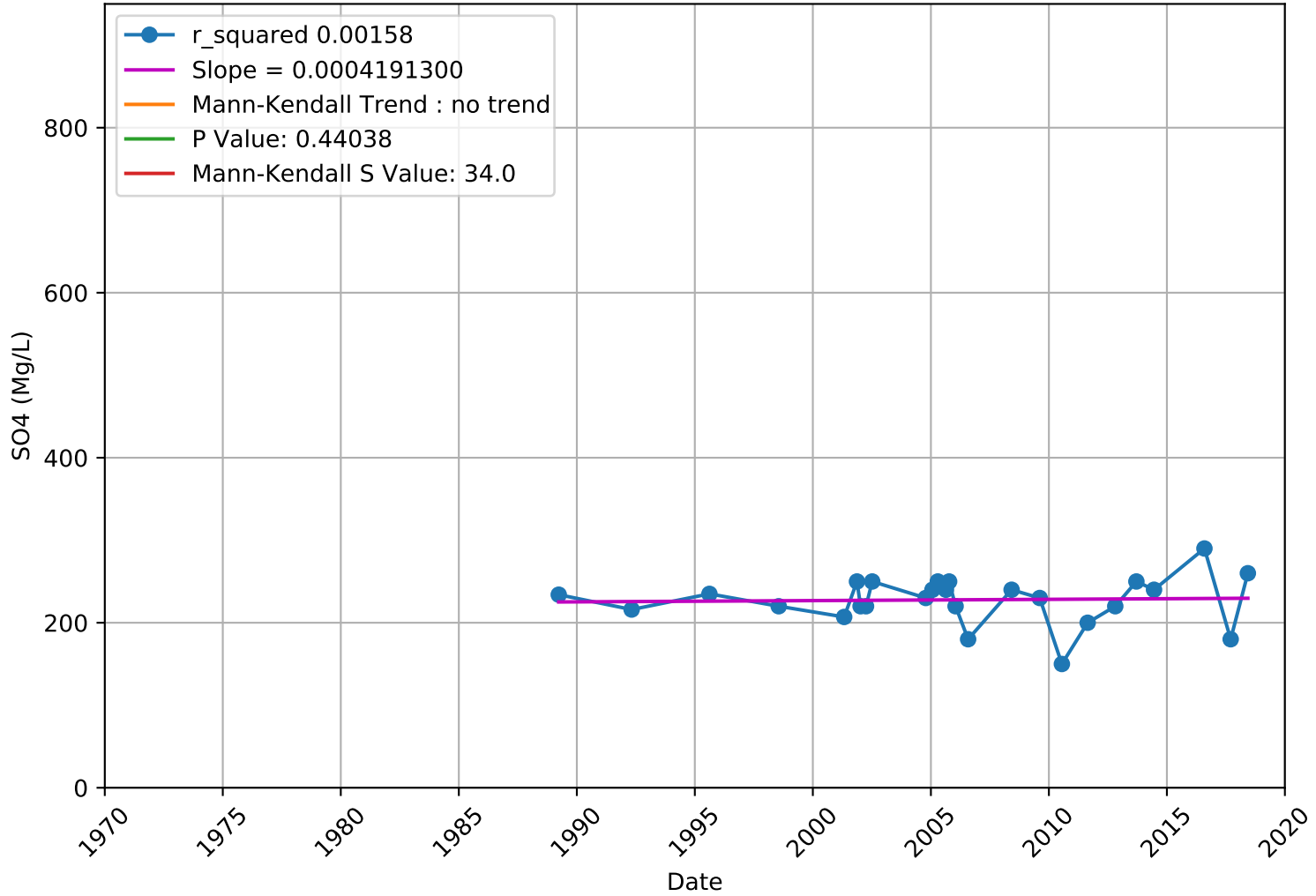


SO4 3910011-005 - Lower Aquifer



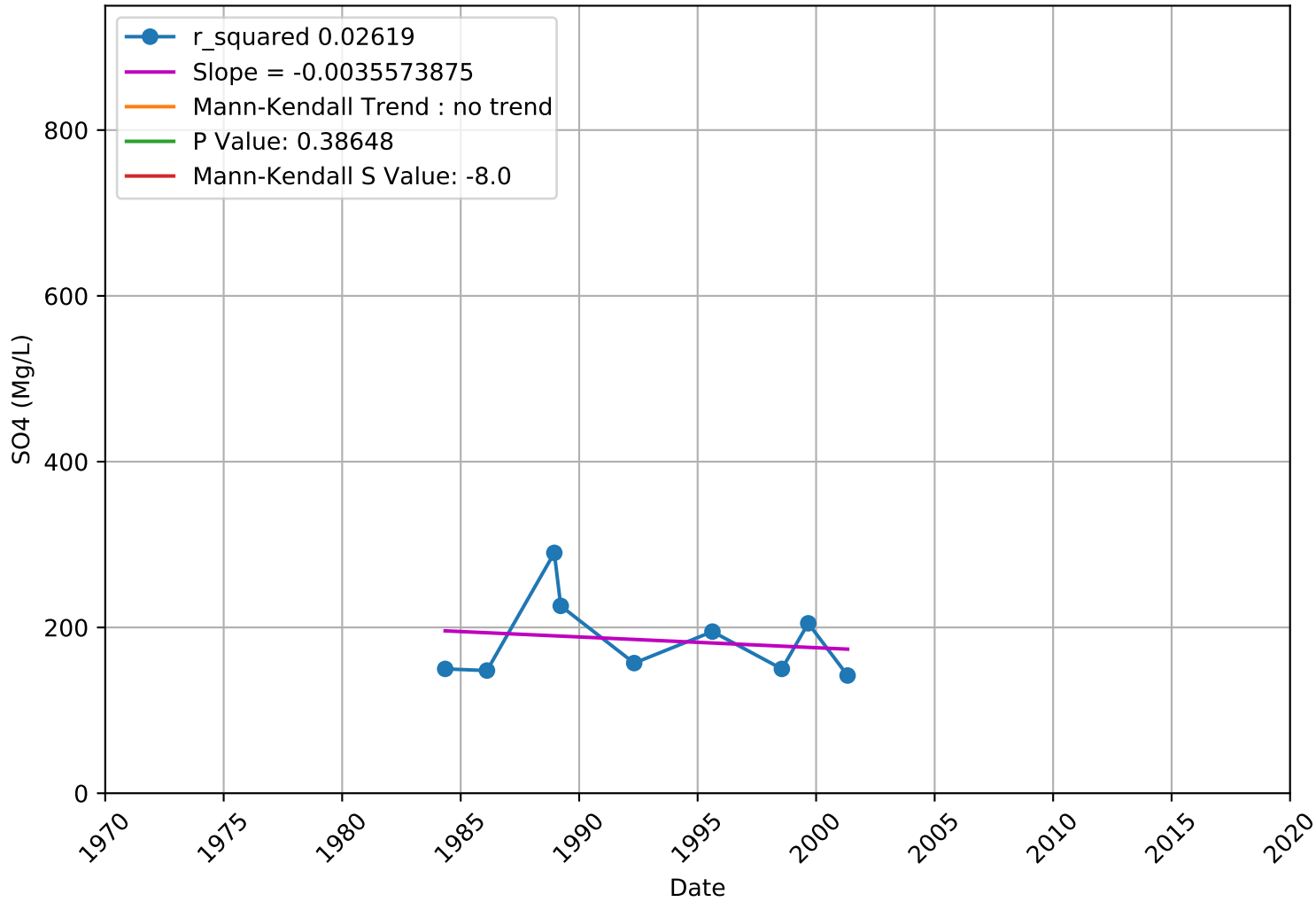
SO4

3910011-006 - Lower Aquifer

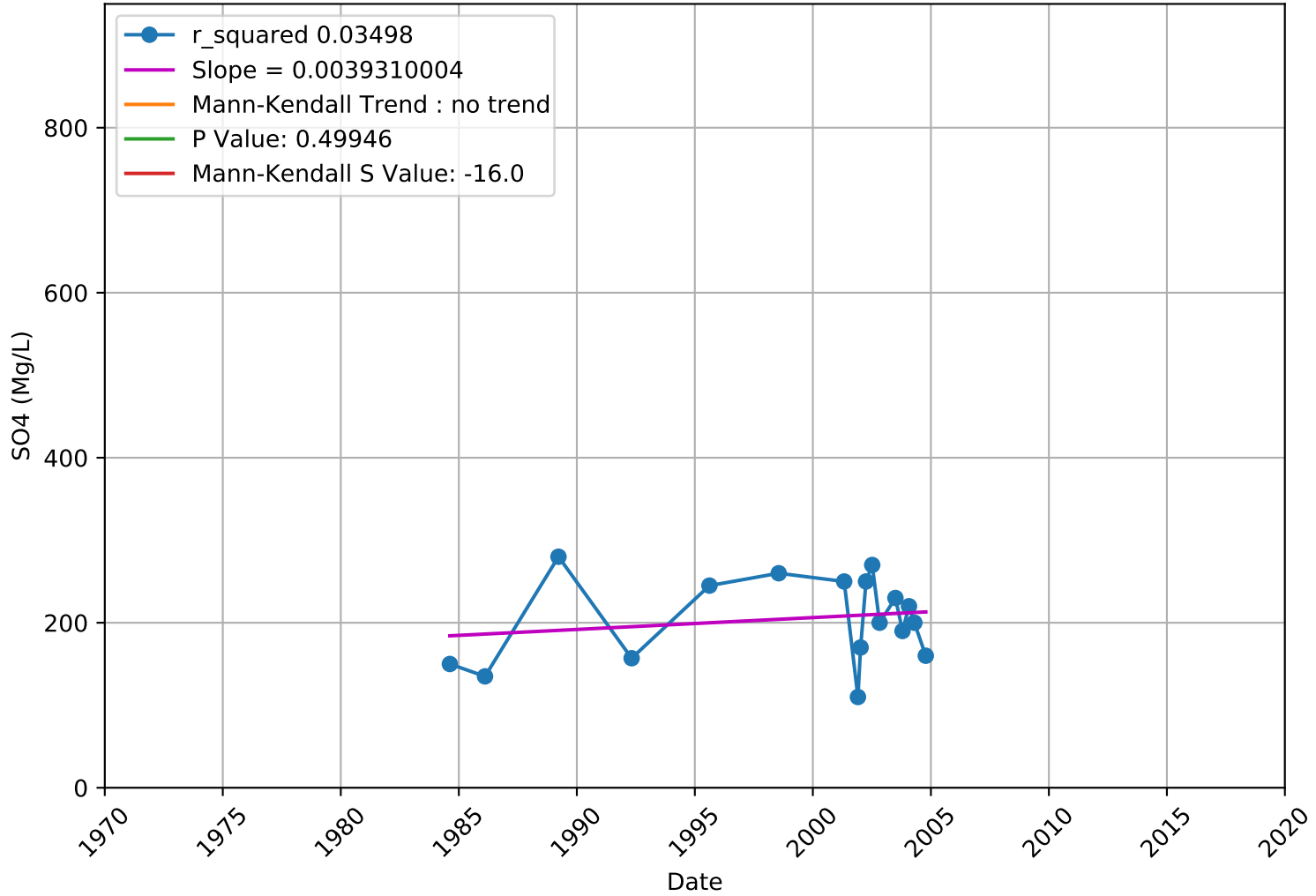


SO4

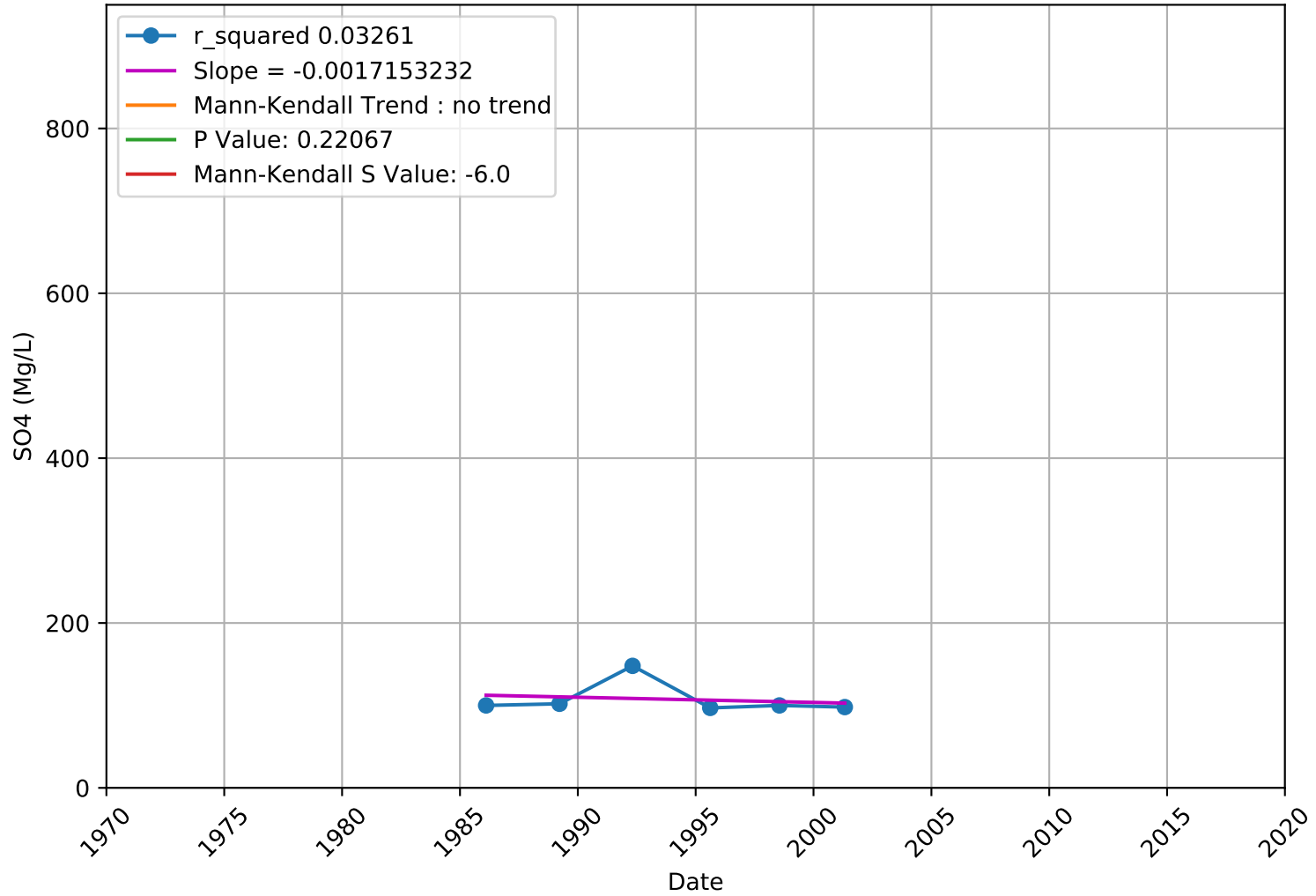
3910011-007 - Unknown Aquifer



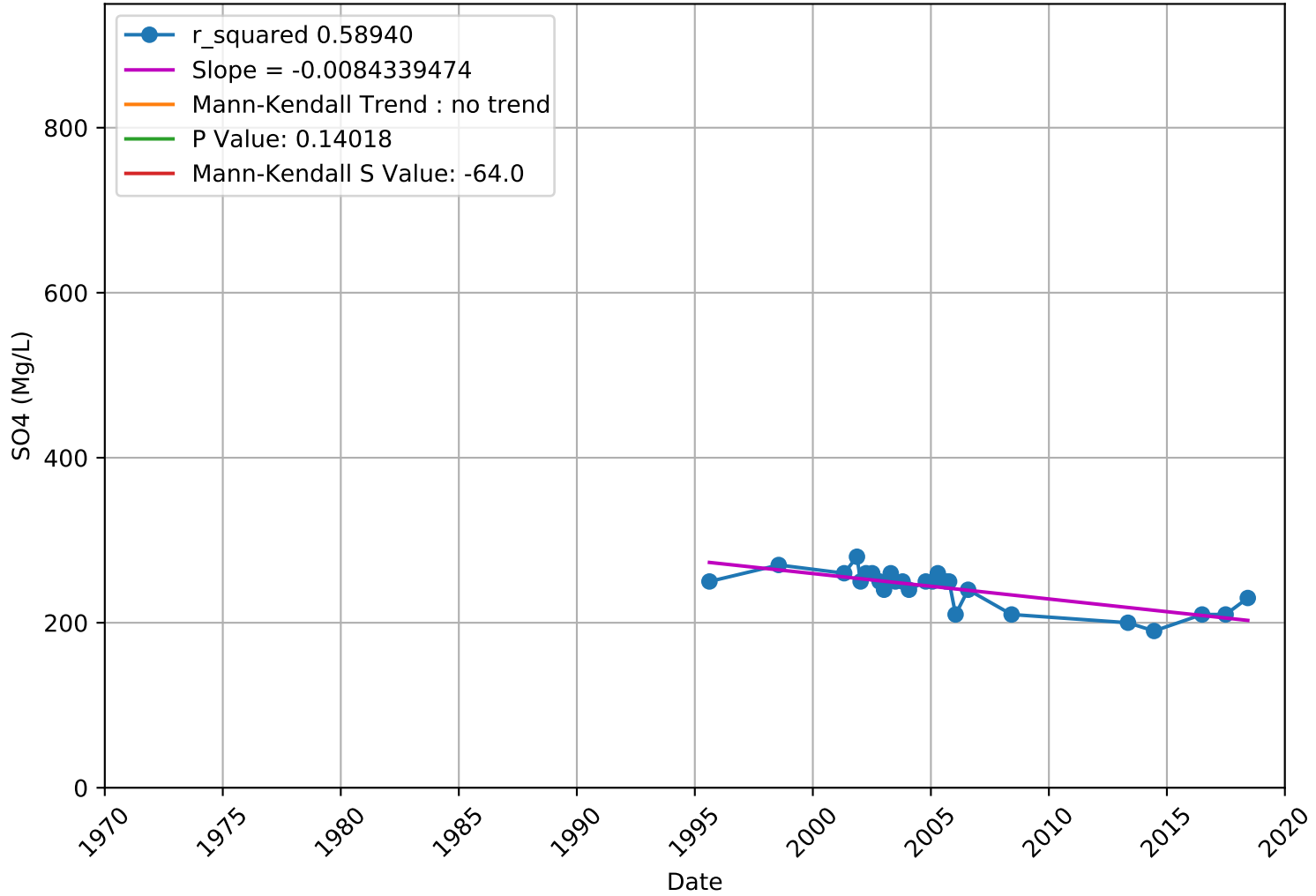
SO4 3910011-010 - Unknown Aquifer



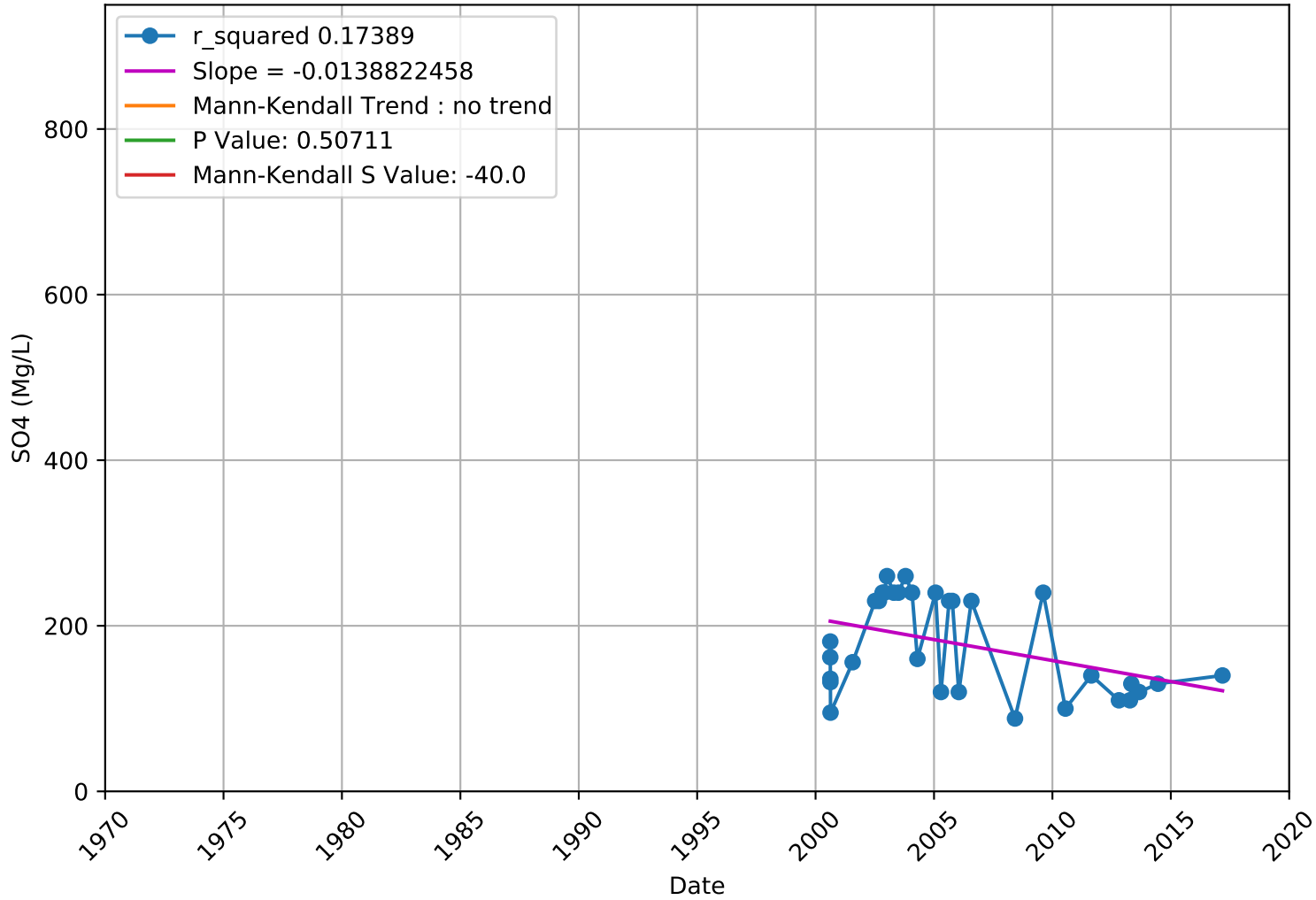
SO4 3910011-017 - Unknown Aquifer



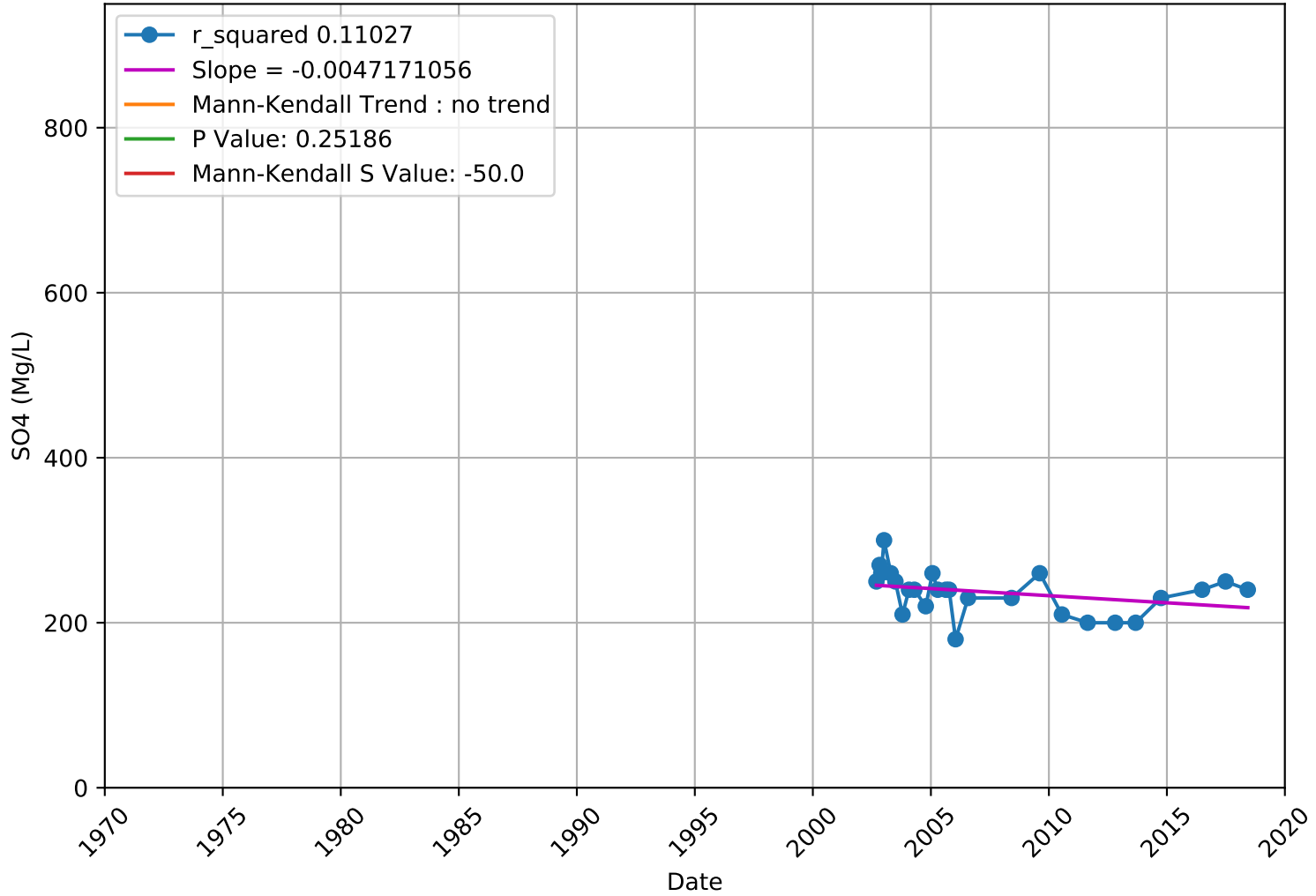
SO4 3910011-018 - Lower Aquifer



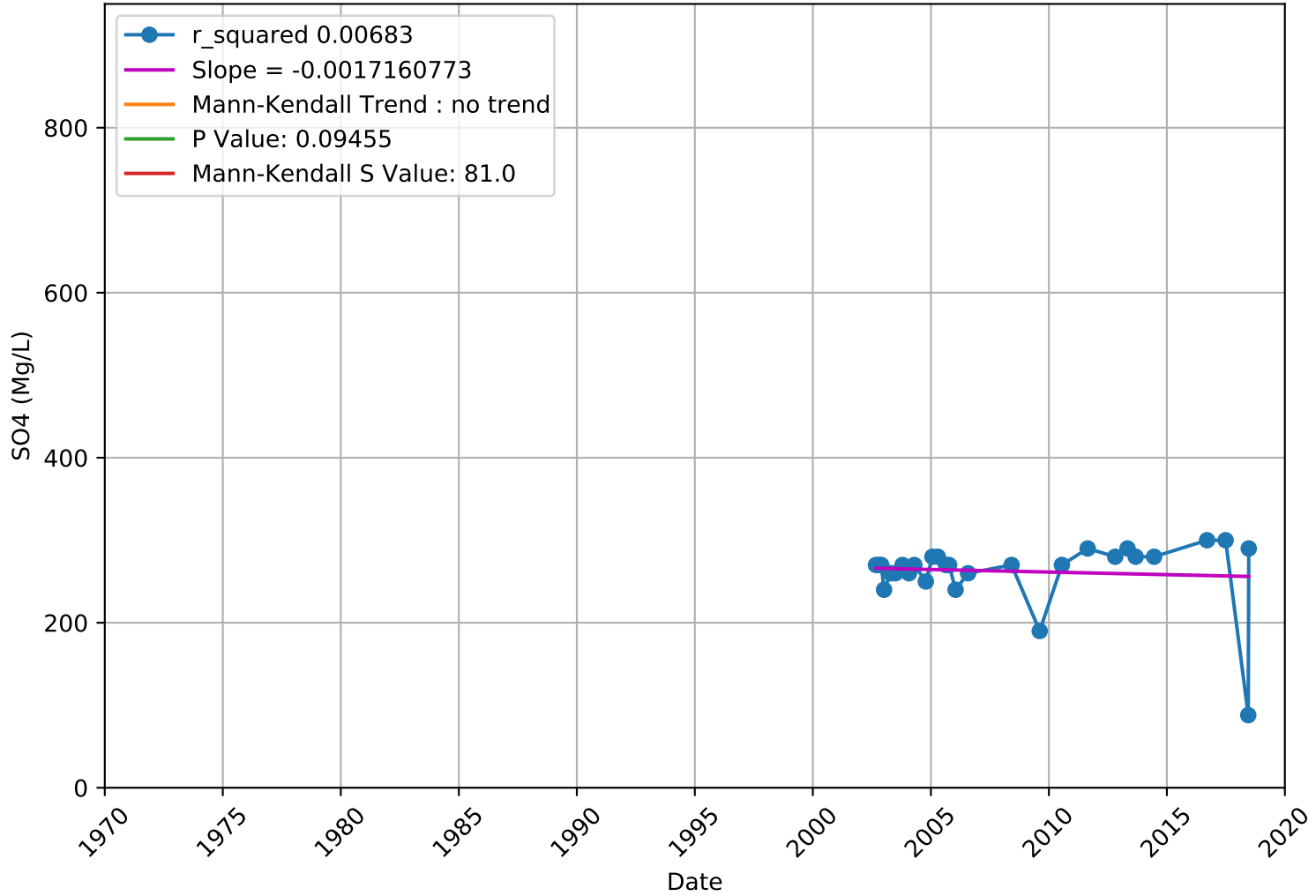
SO4 3910011-030 - Lower Aquifer



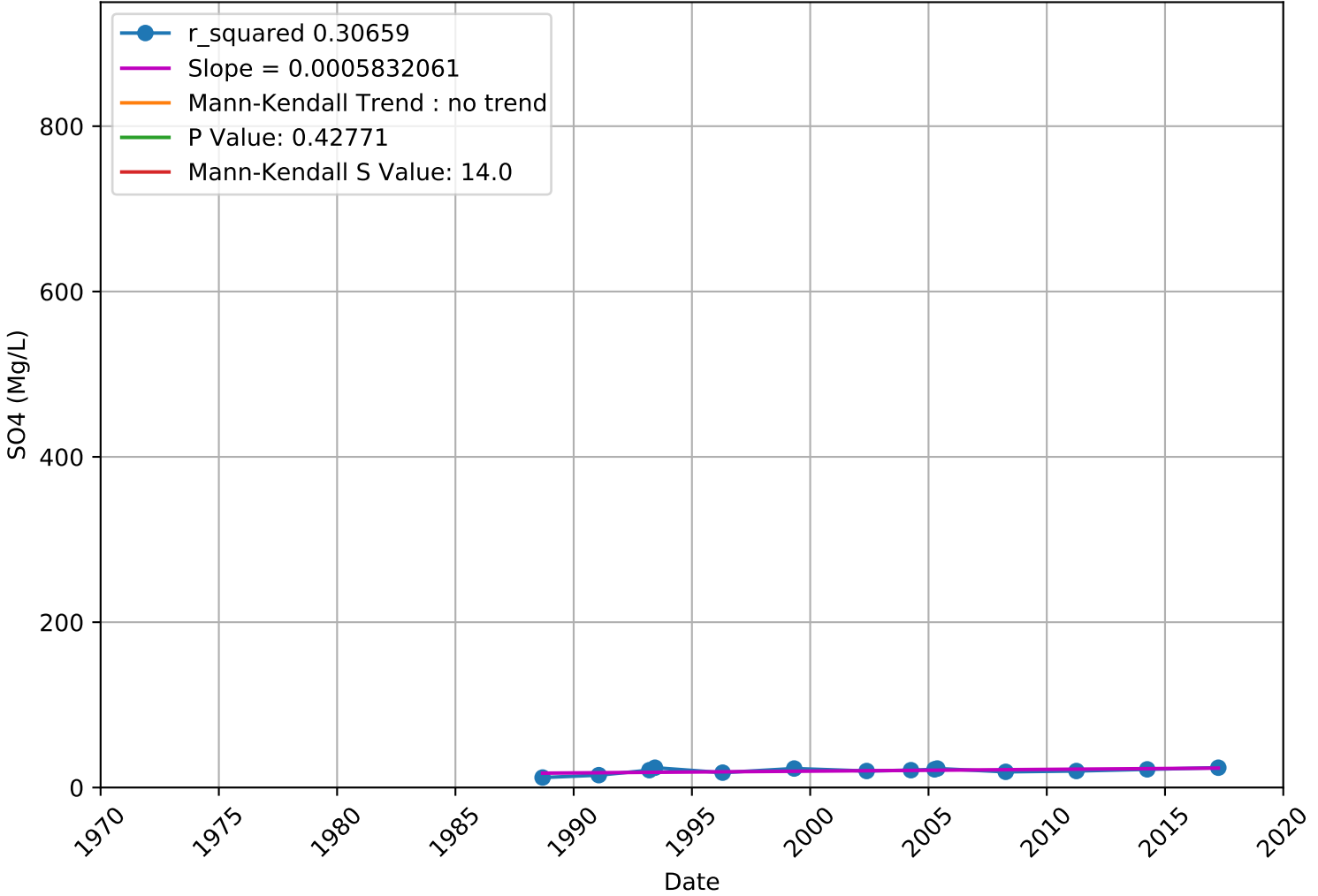
SO4 3910011-032 - Lower Aquifer



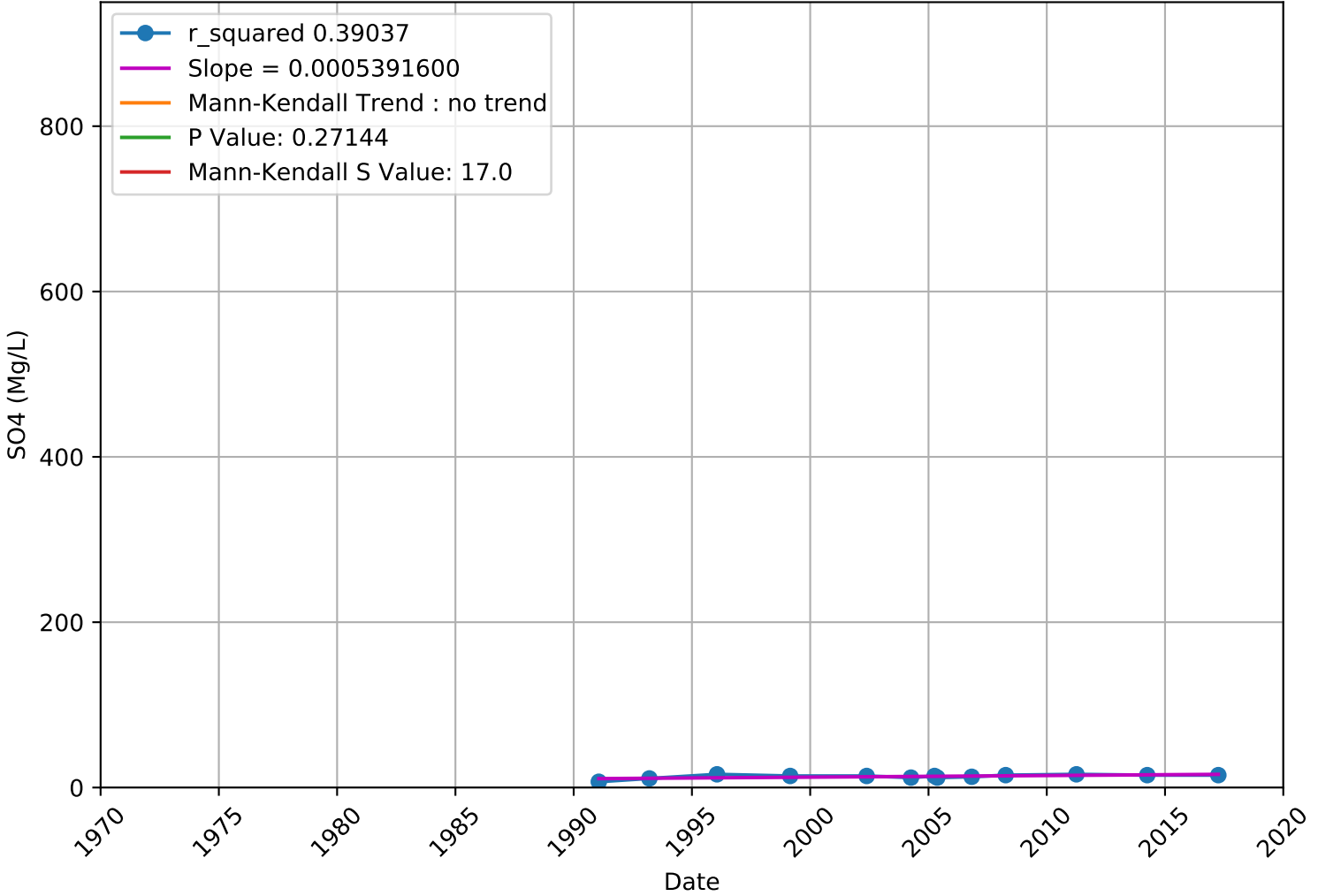
SO4 3910011-034 - Lower Aquifer



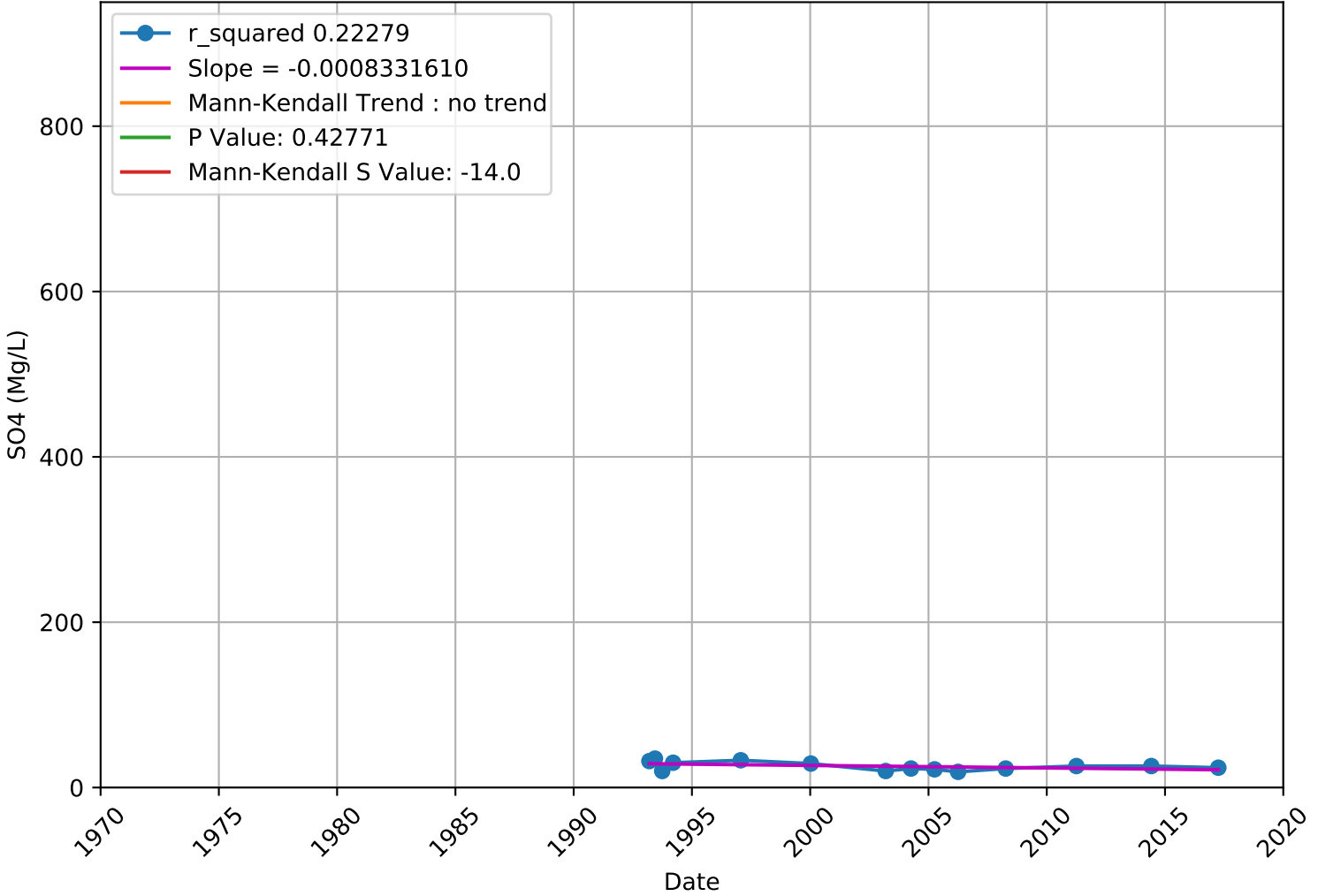
SO4 3910015-005 - Upper Aquifer



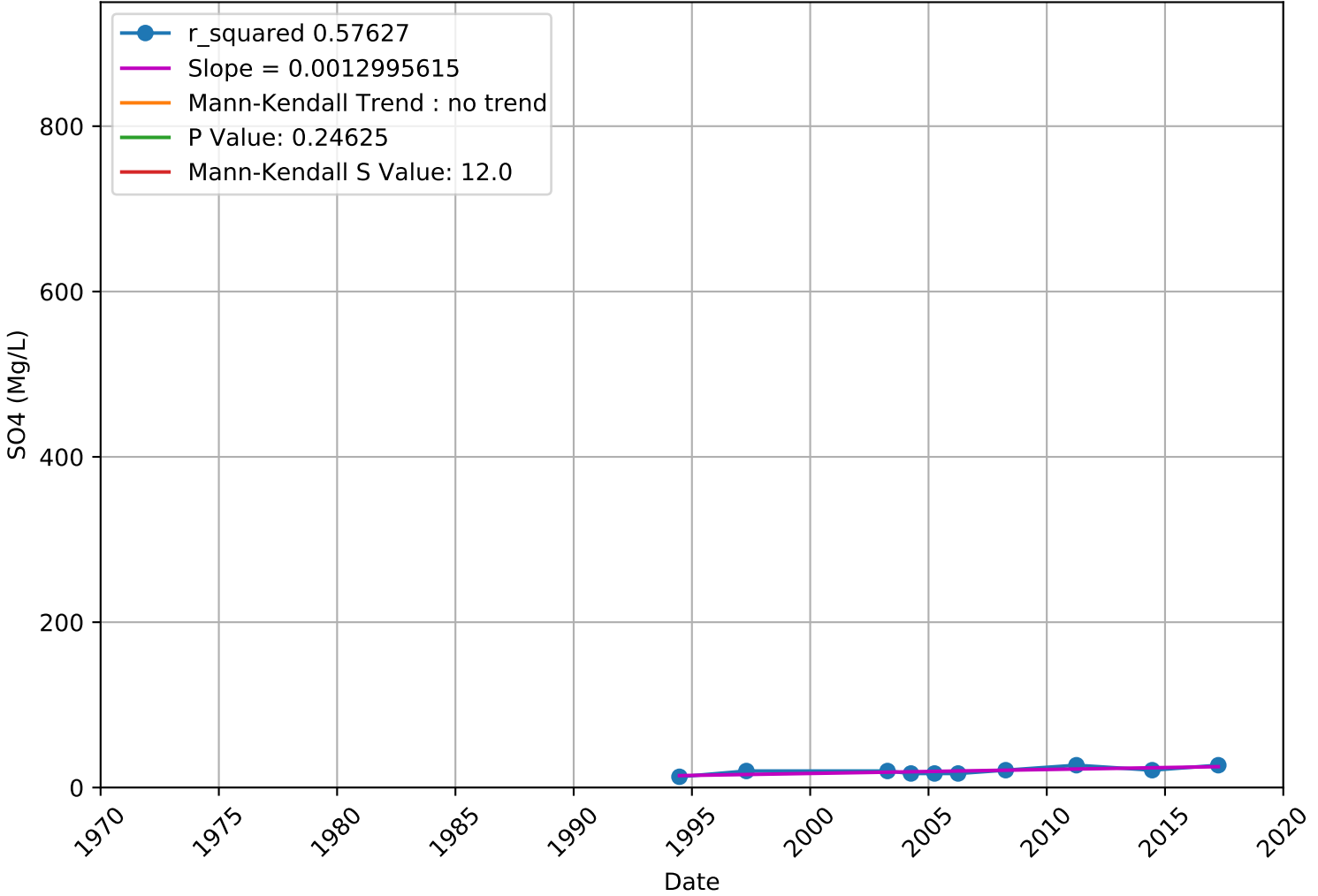
SO4 3910015-006 - Upper Aquifer



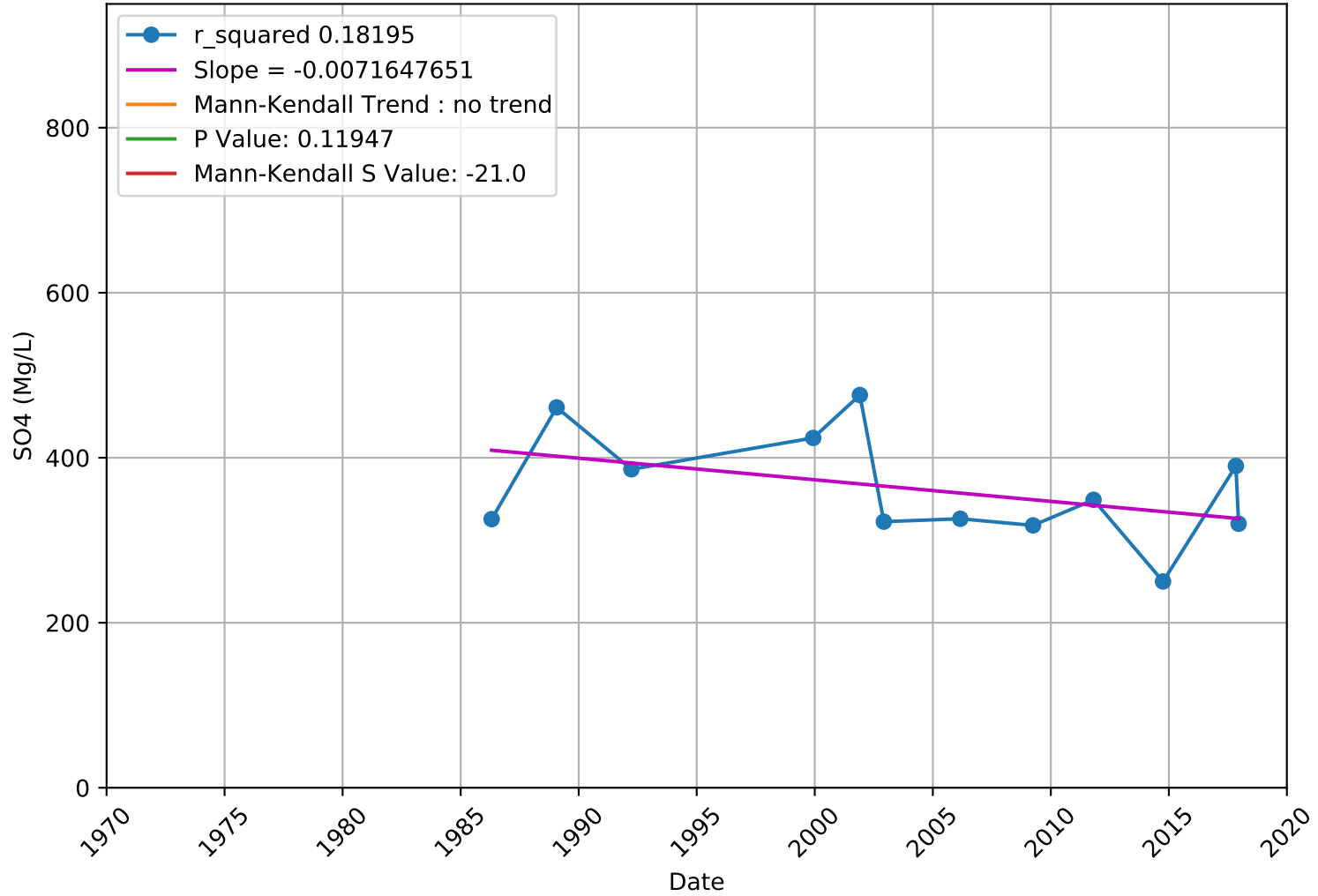
SO4 3910015-007 - Upper Aquifer



SO4 3910015-008 - Upper Aquifer

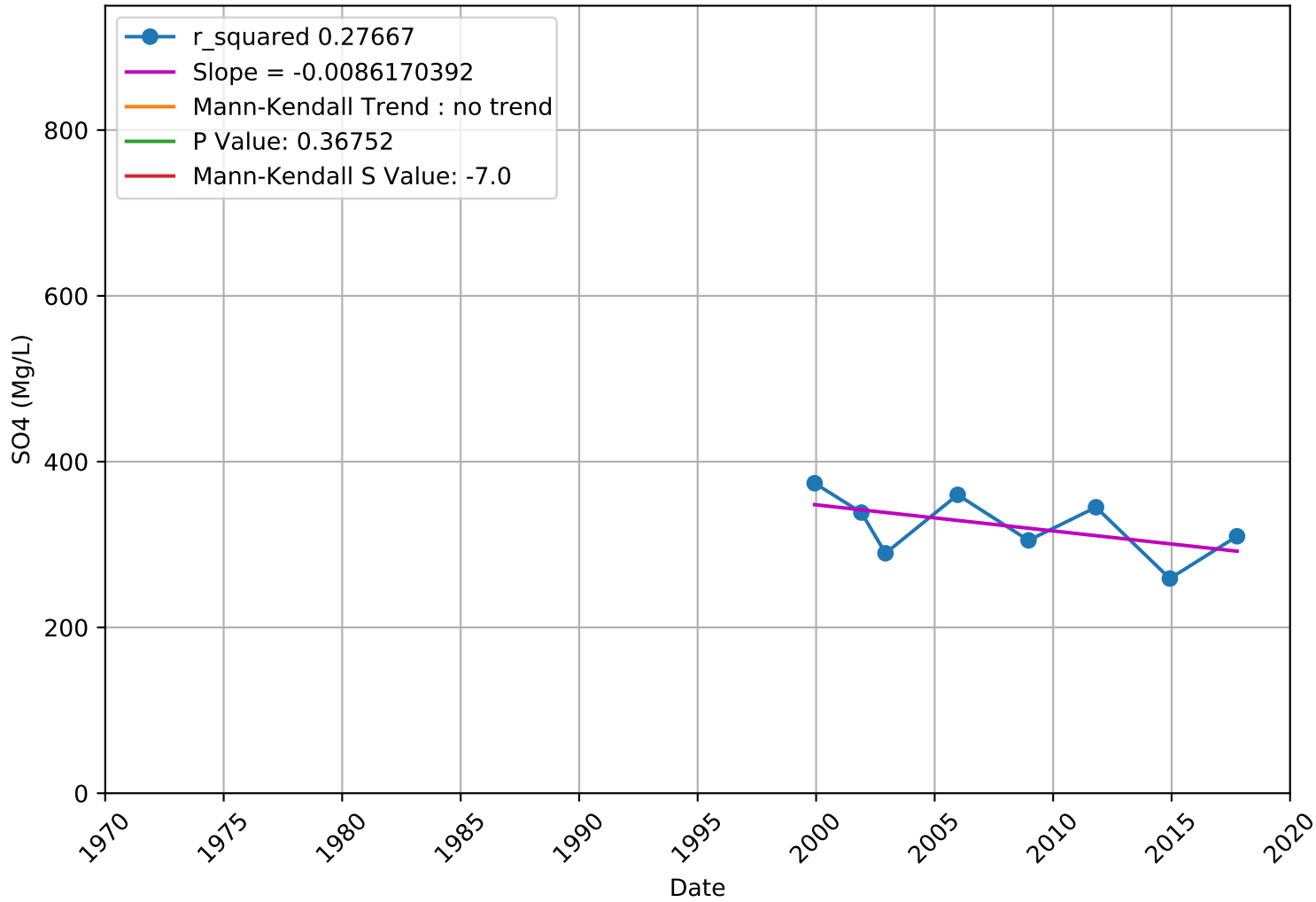


SO4 3910018-001 - Unknown Aquifer



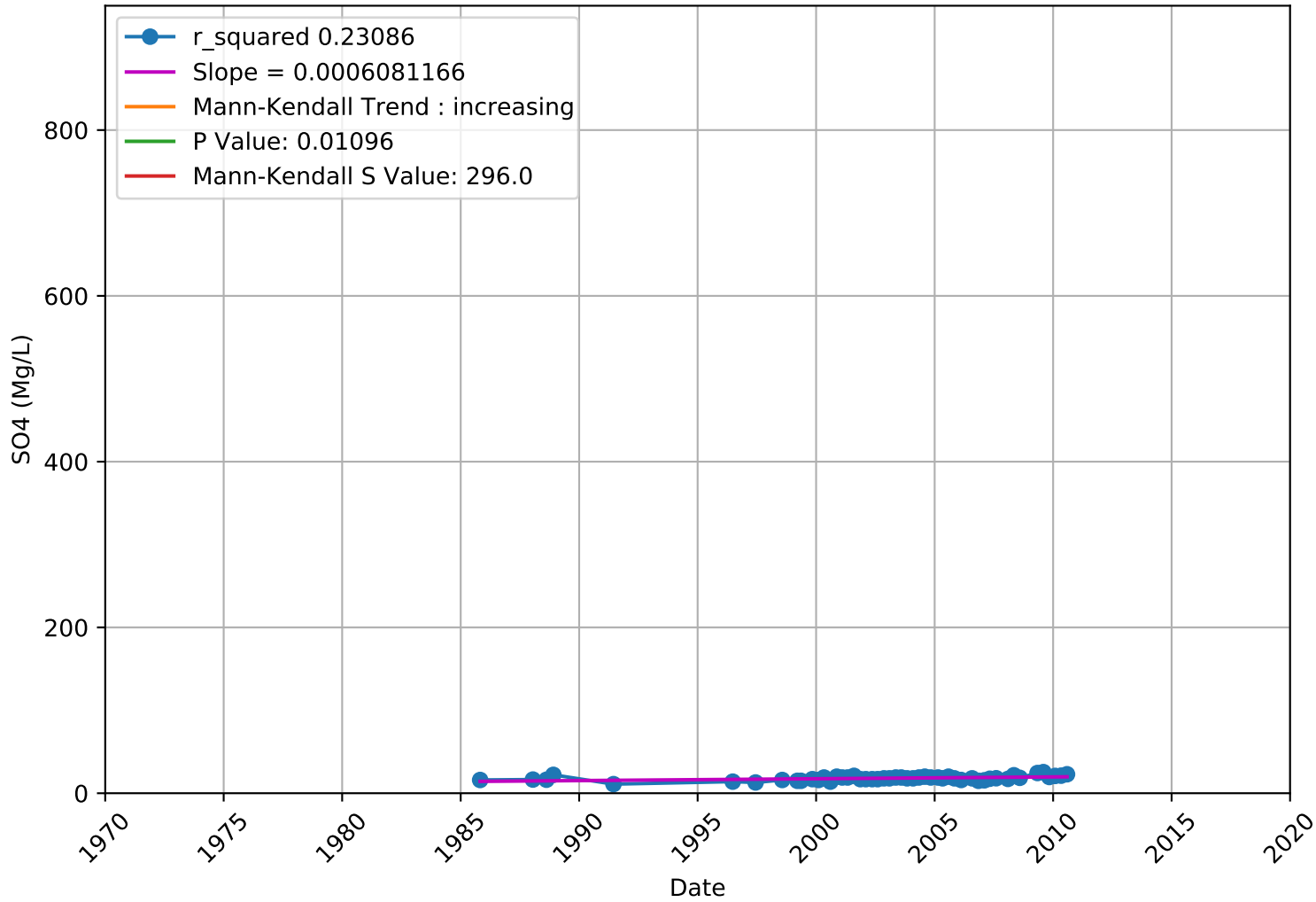
SO4

3910018-004 - Unknown Aquifer



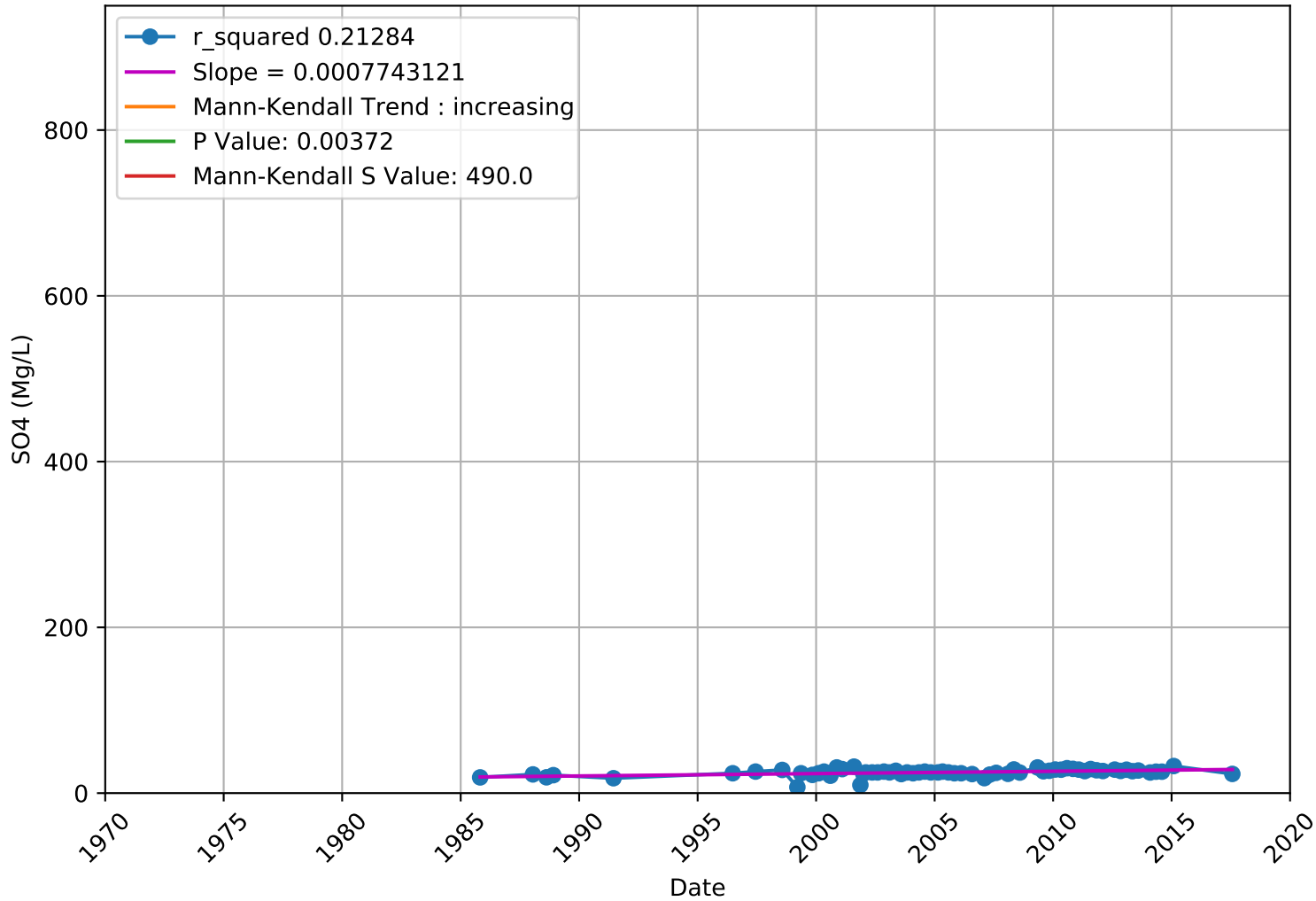
SO4

3910701-001 - Unknown Aquifer

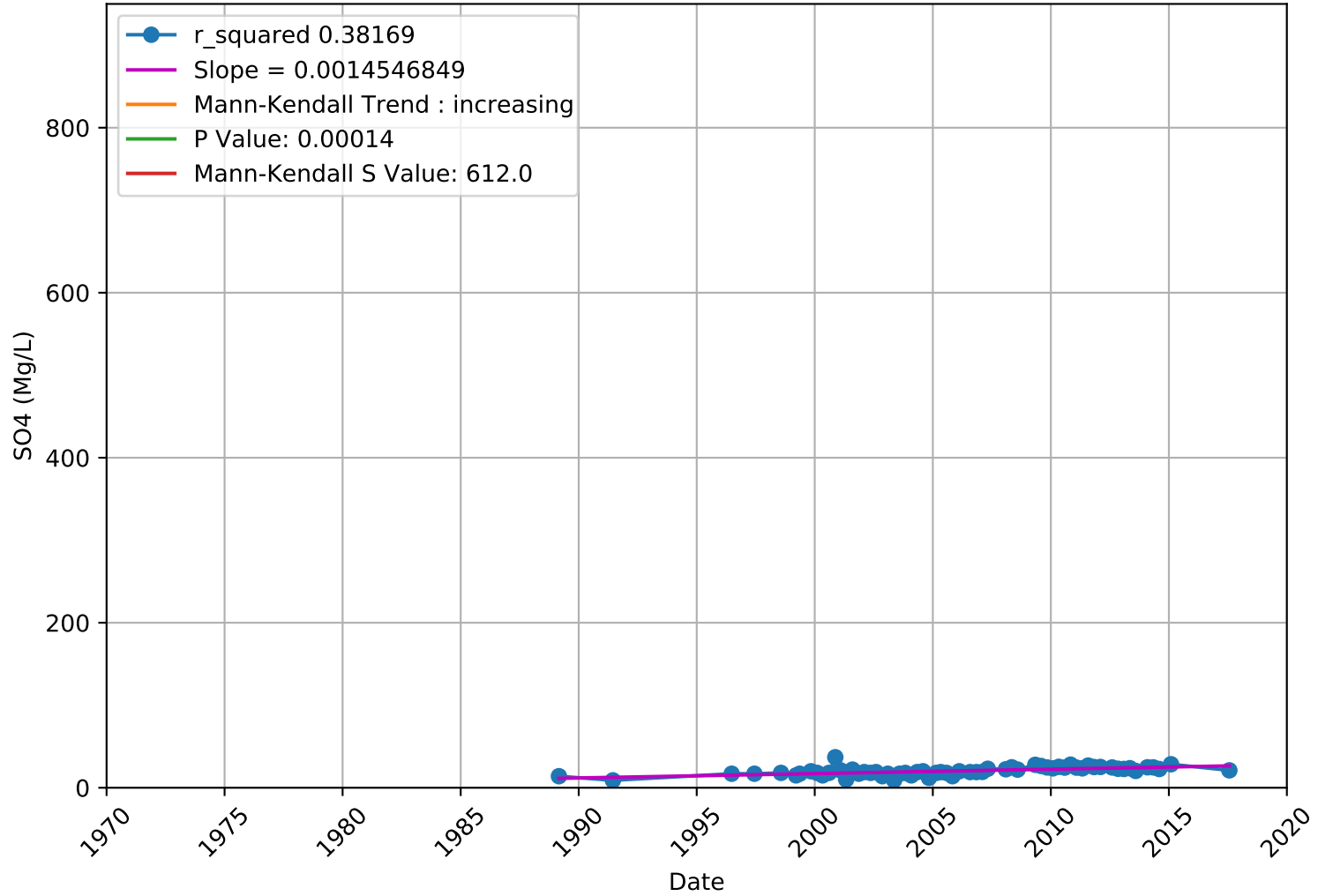


SO4

3910701-003 - Unknown Aquifer

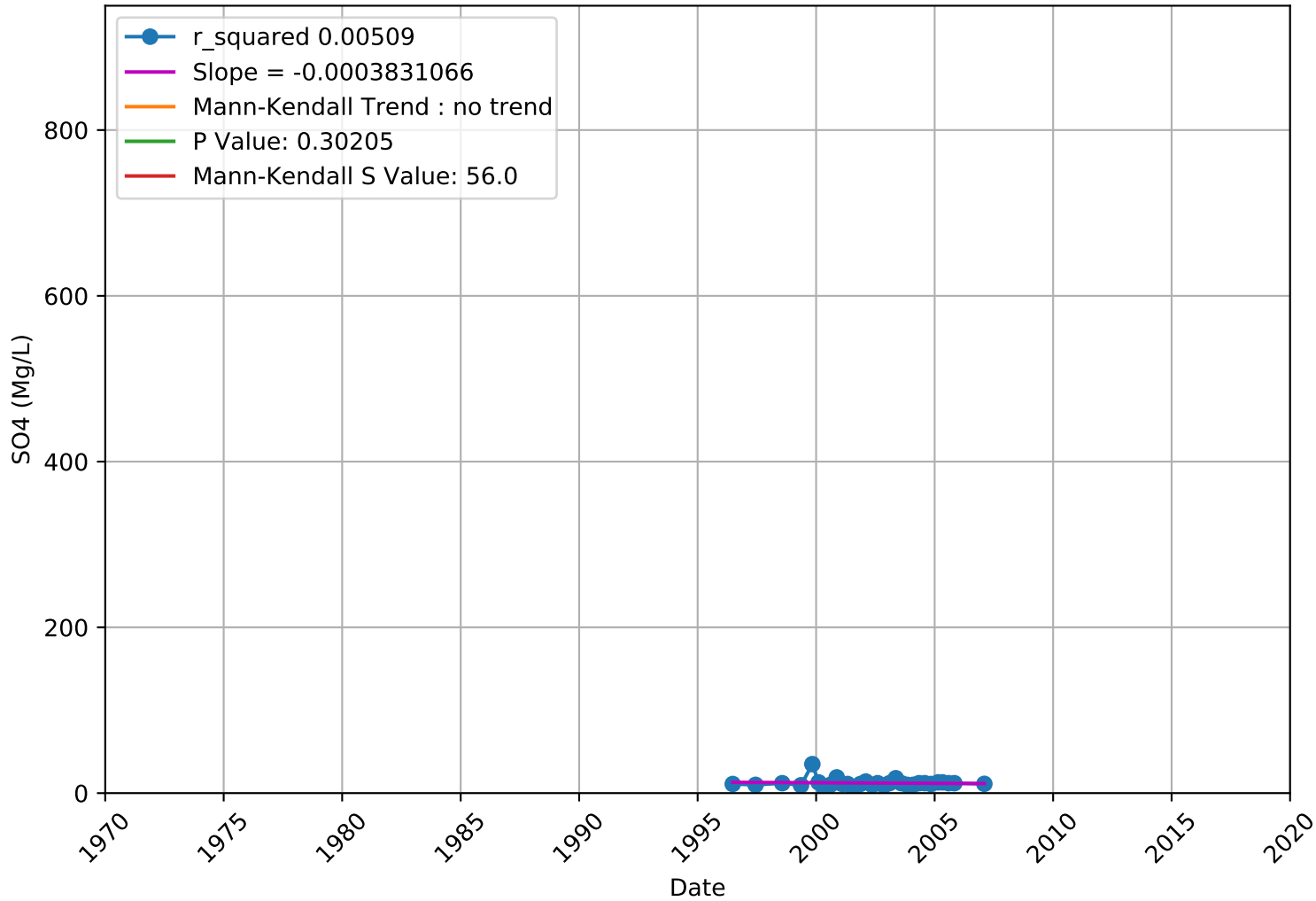


SO4 3910701-005 - Unknown Aquifer

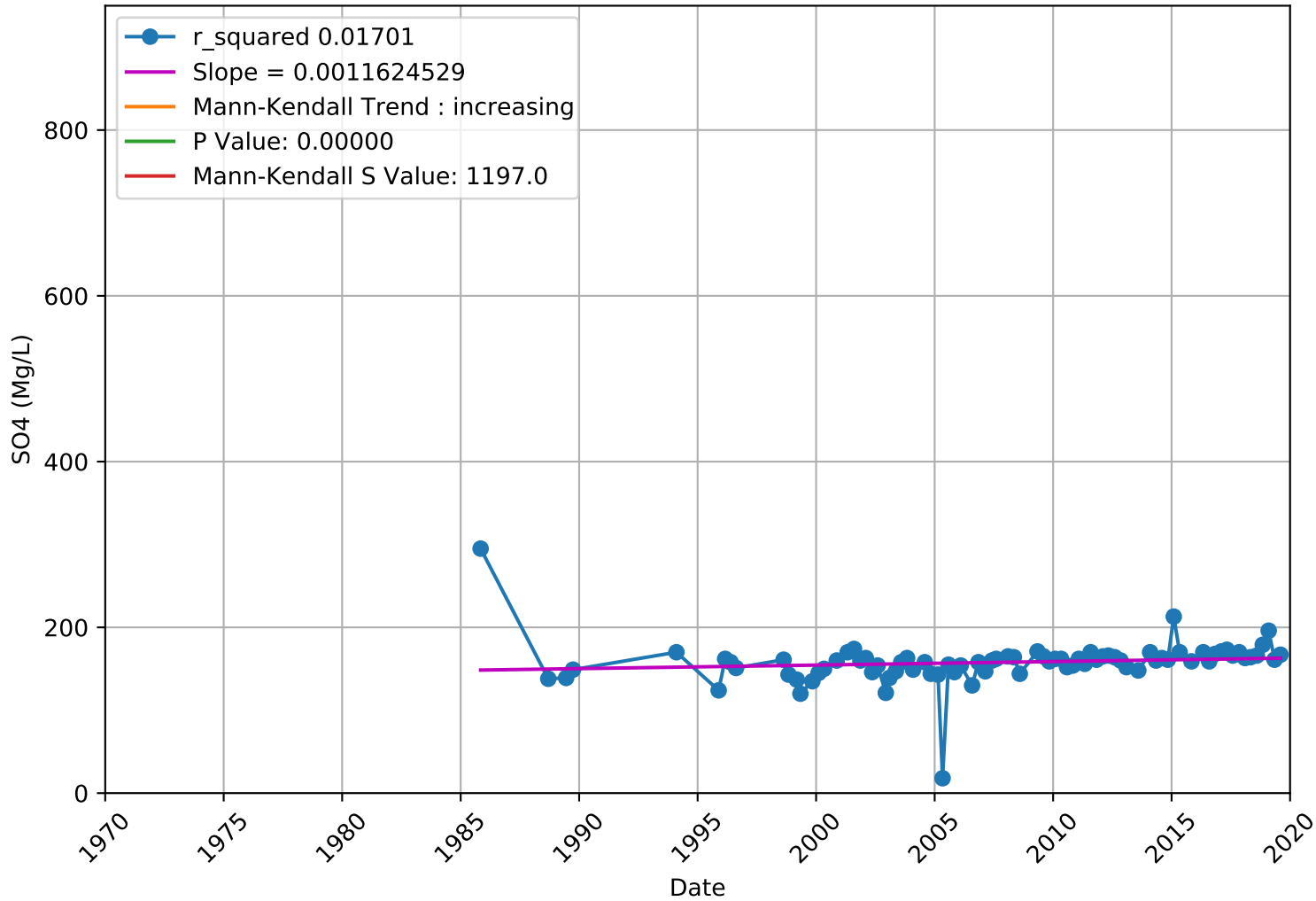


SO4

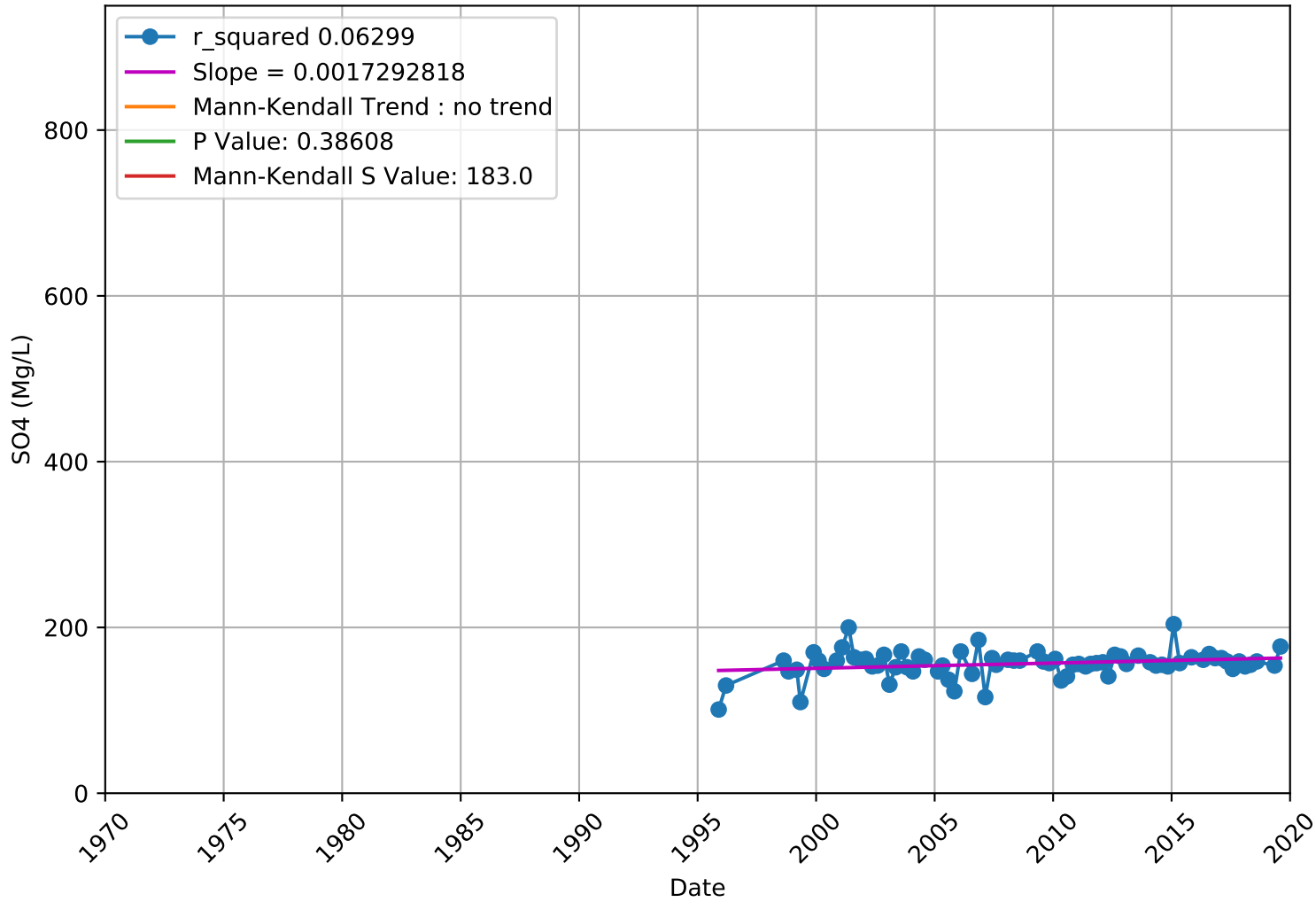
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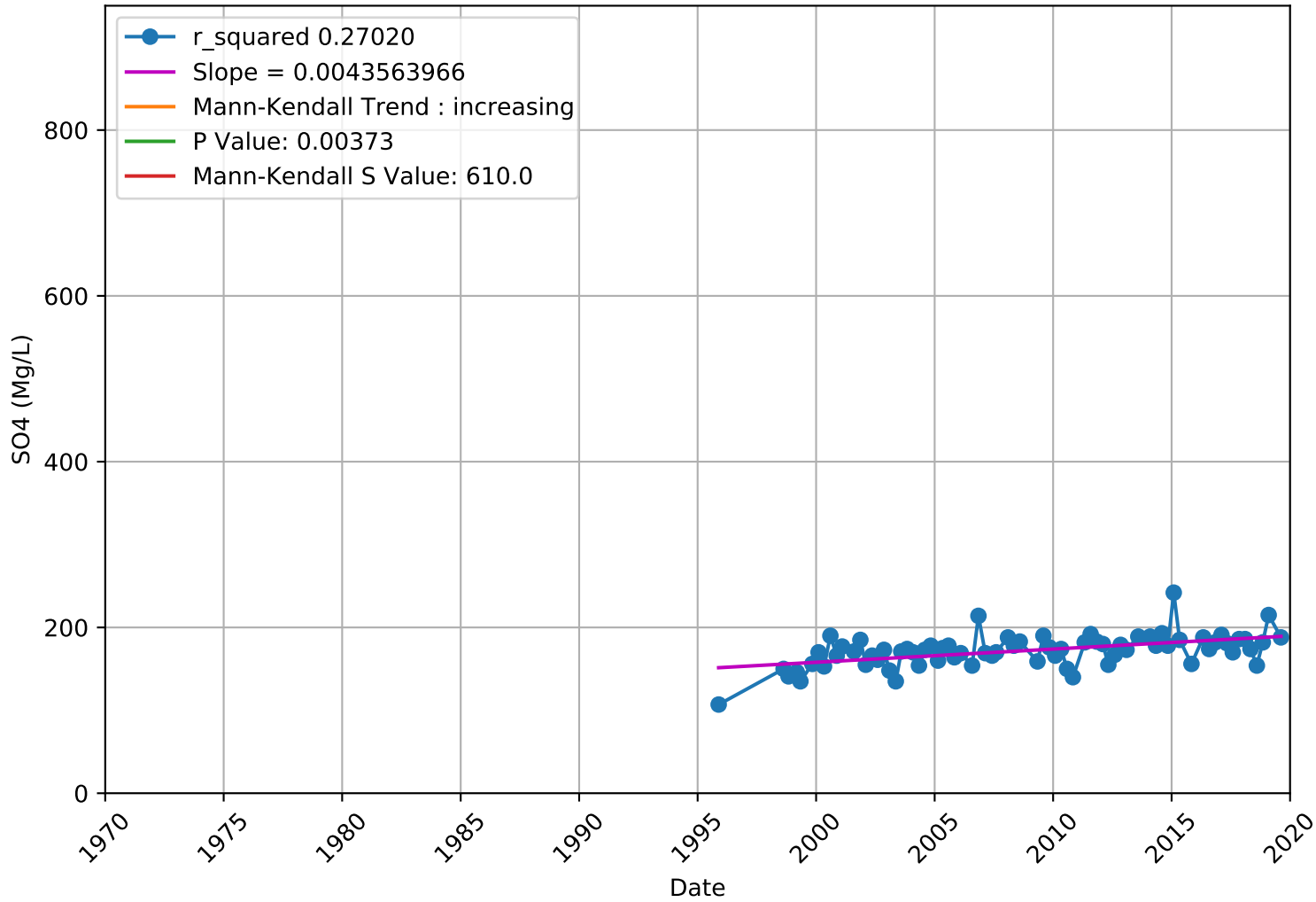
SO4 3910702-003 - Unknown Aquifer



SO4 3910702-005 - Unknown Aquifer

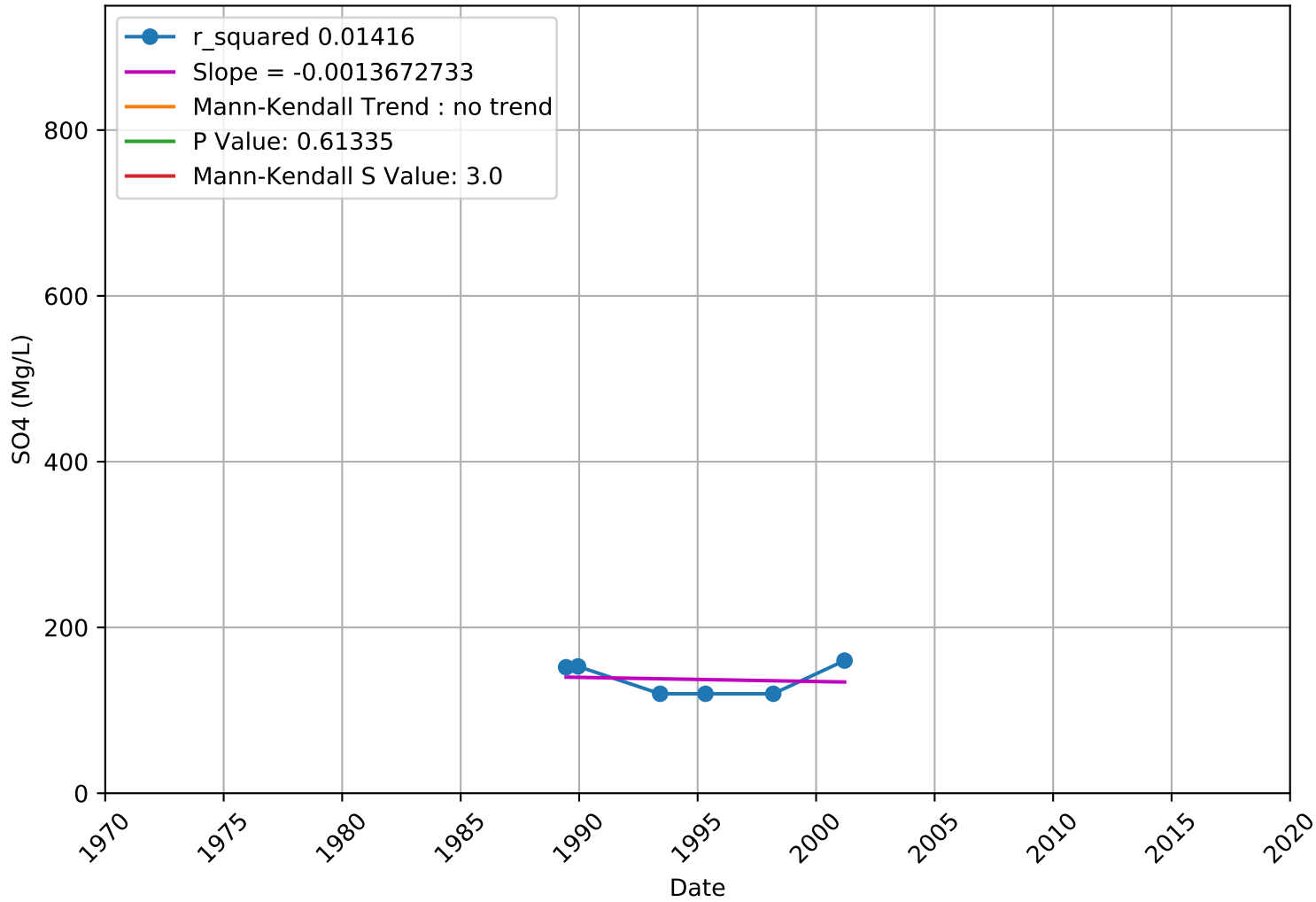


SO4 3910702-006 - Unknown Aquifer



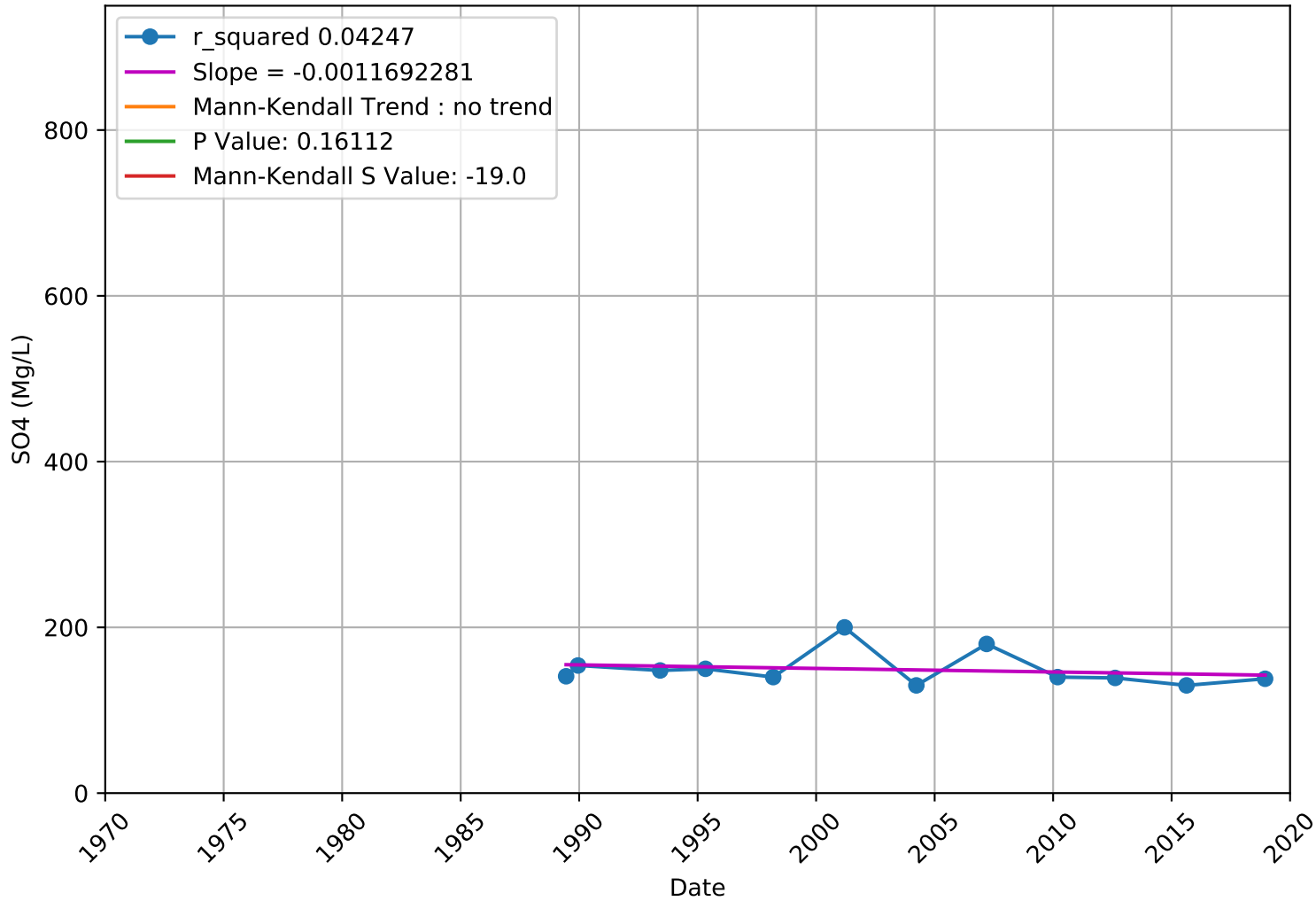
SO4

3910800-001 - Unknown Aquifer

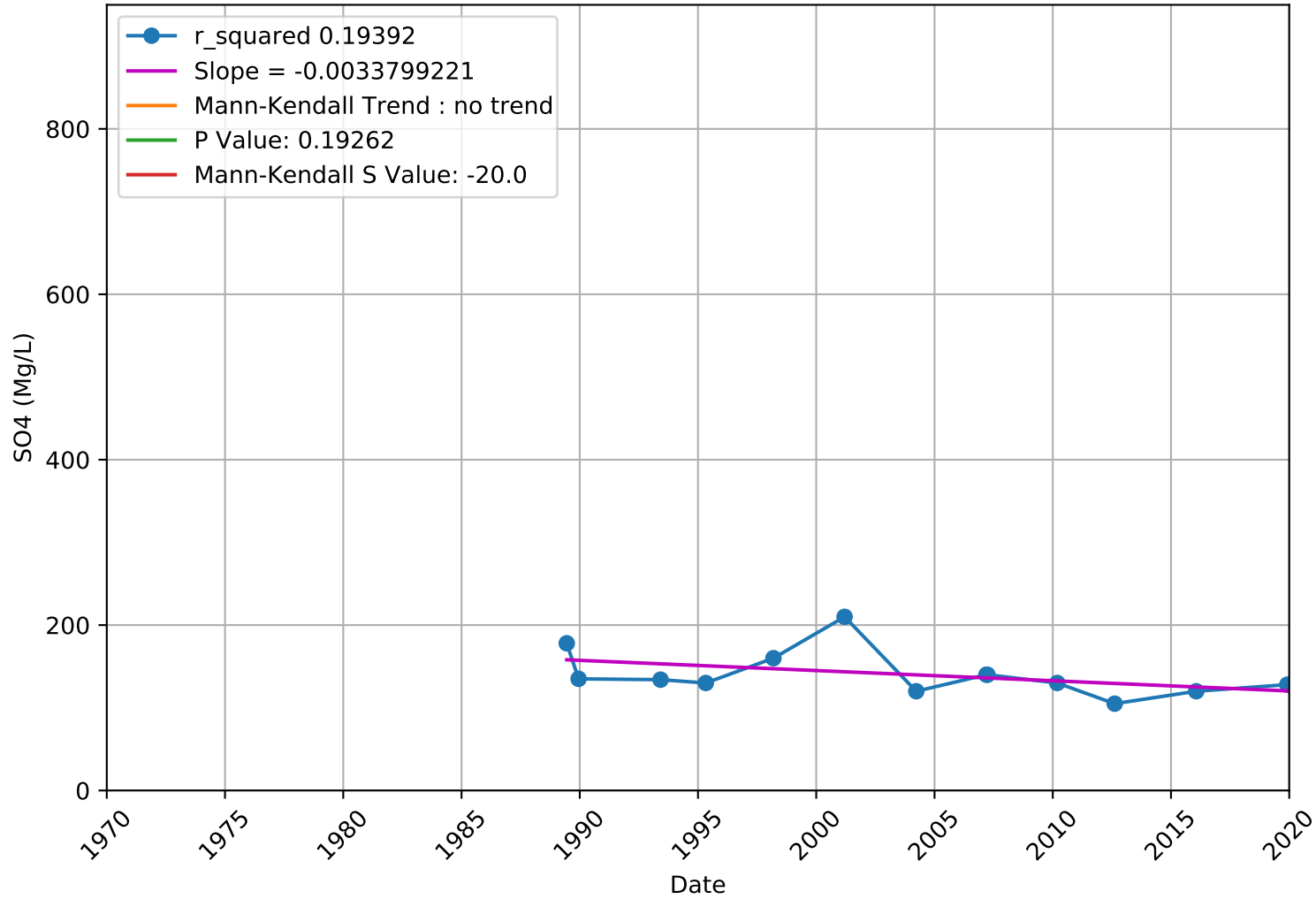


SO4

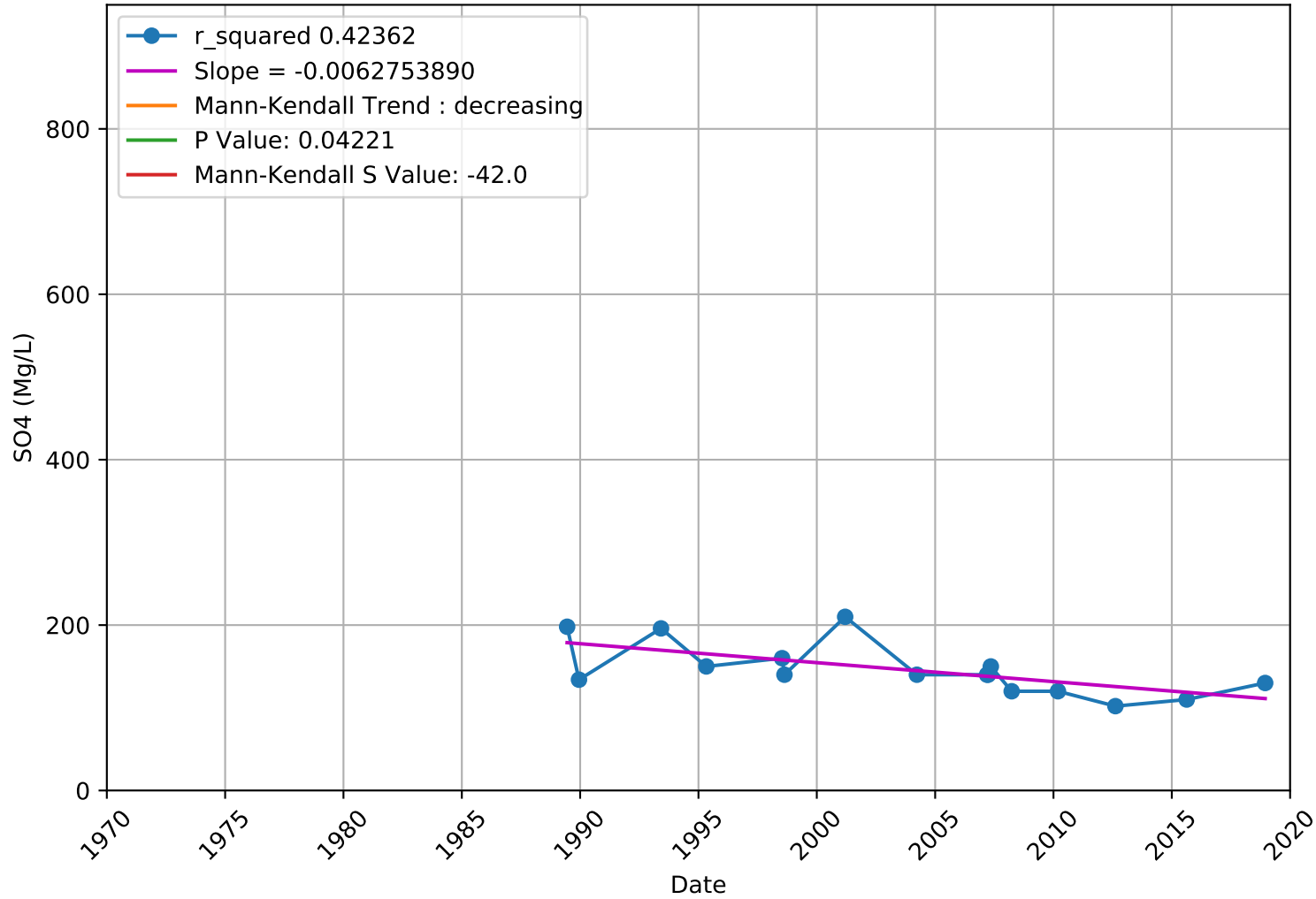
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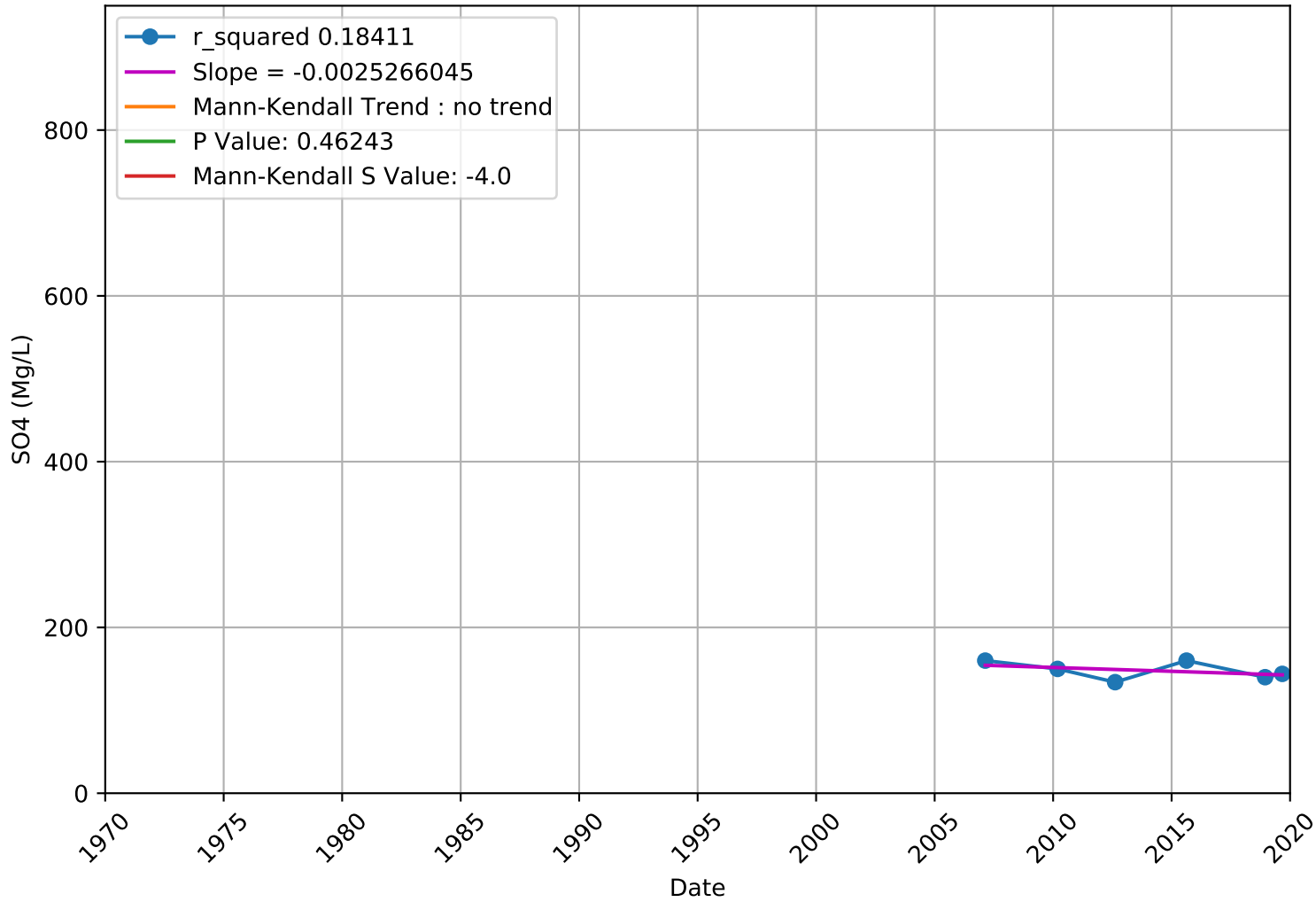
SO4 3910800-003 - Unknown Aquifer



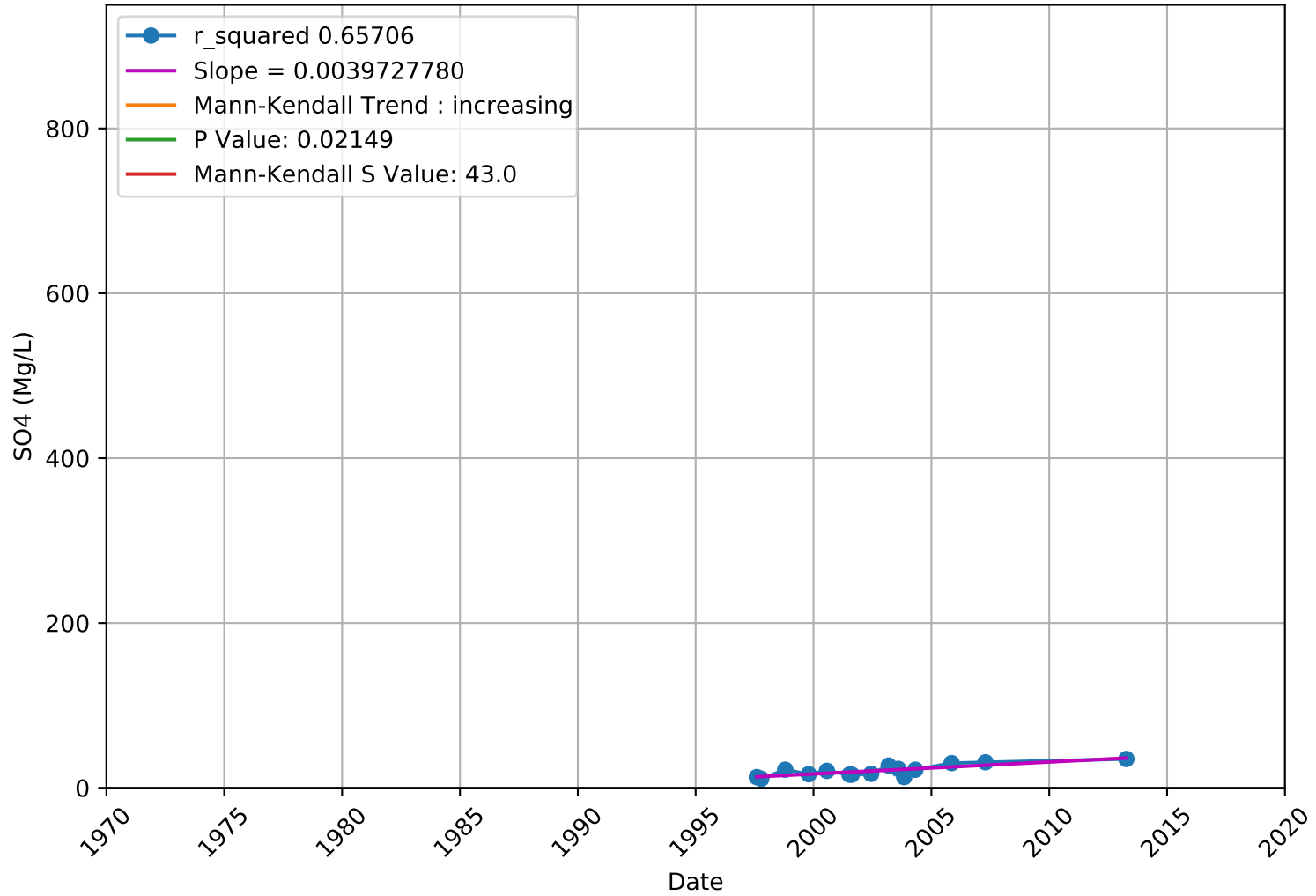
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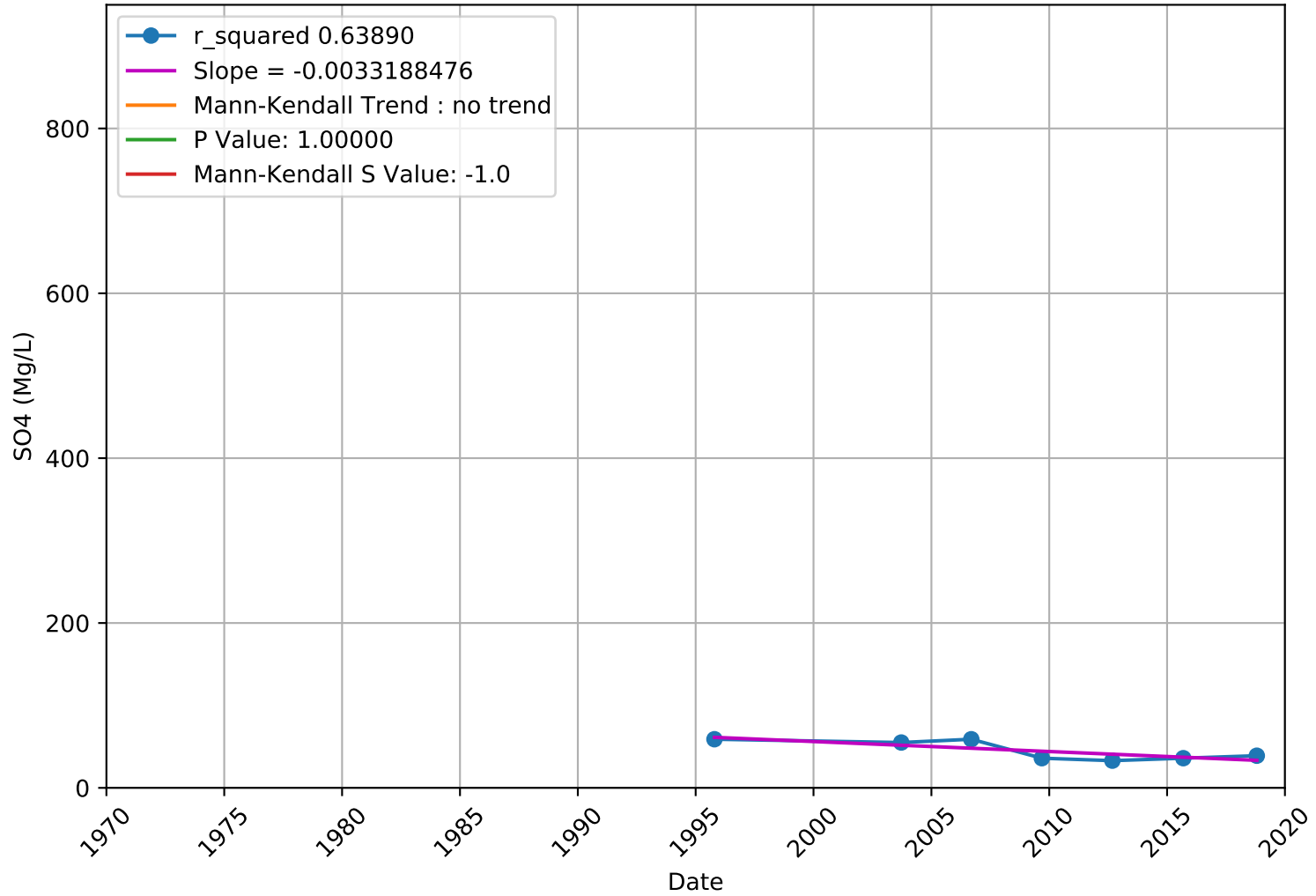
SO4 3910800-006 - Unknown Aquifer



SO4 4110013-014 - Unknown Aquifer

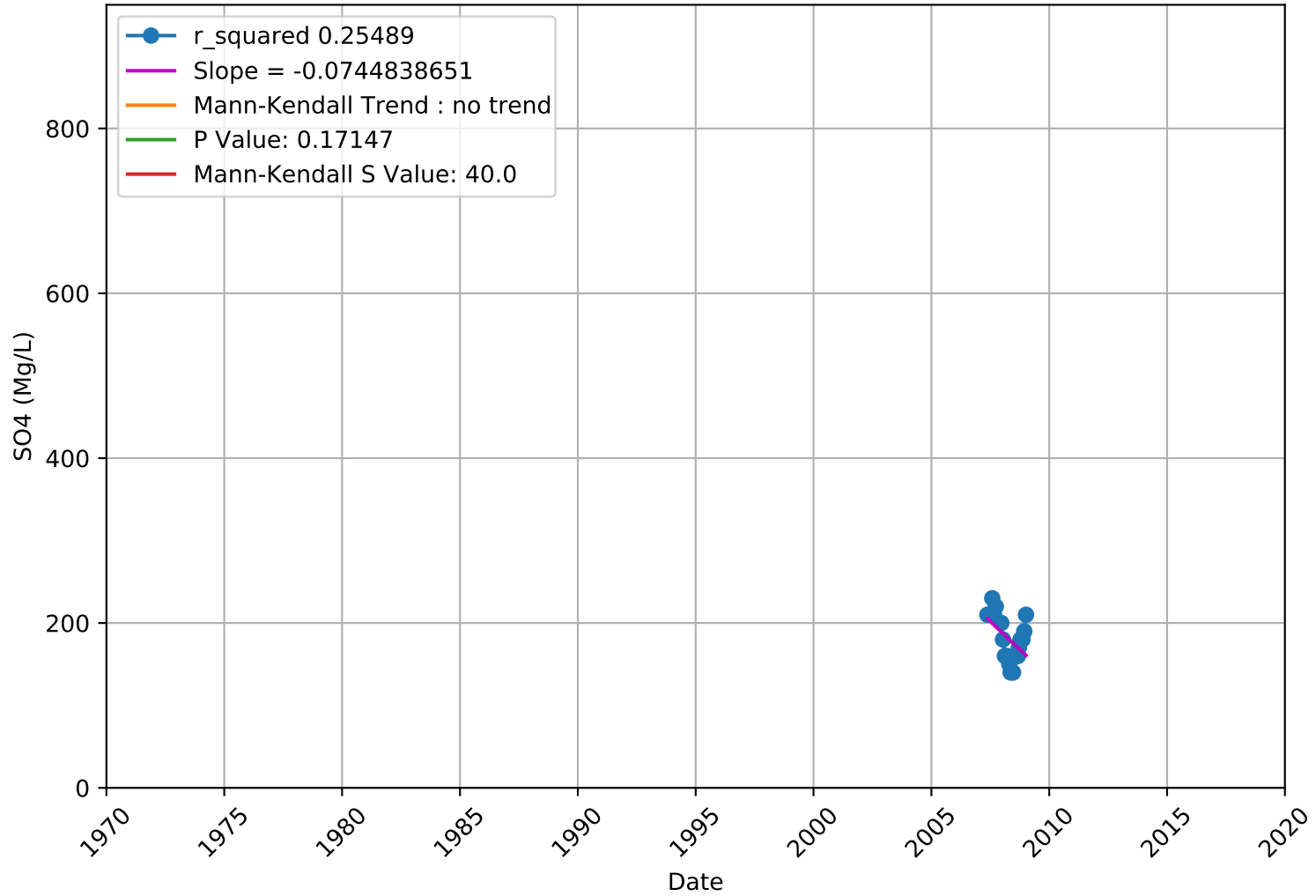


SO4 4300611-002 - Unknown Aquifer



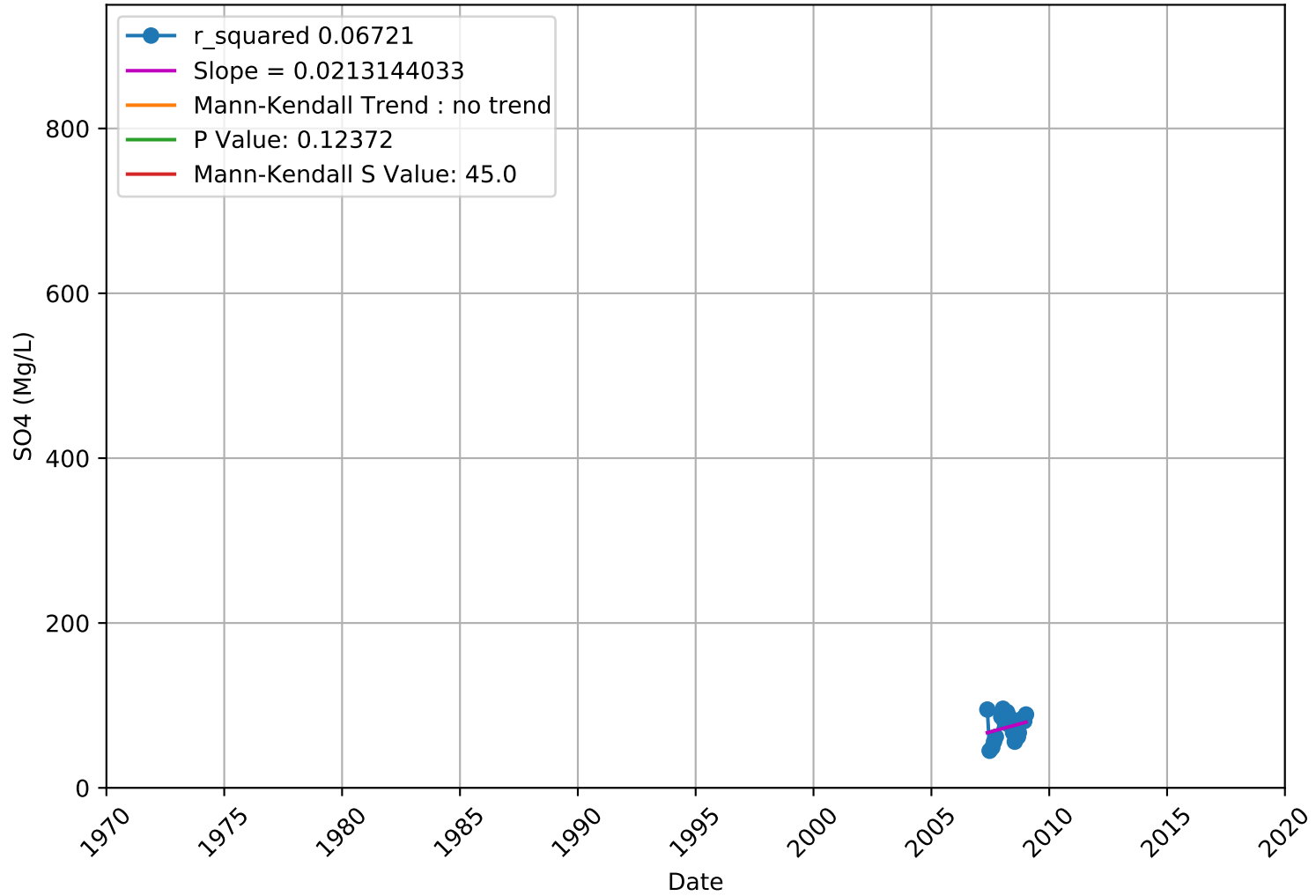
SO4

USGS-374046121155401 - Upper Aquifer



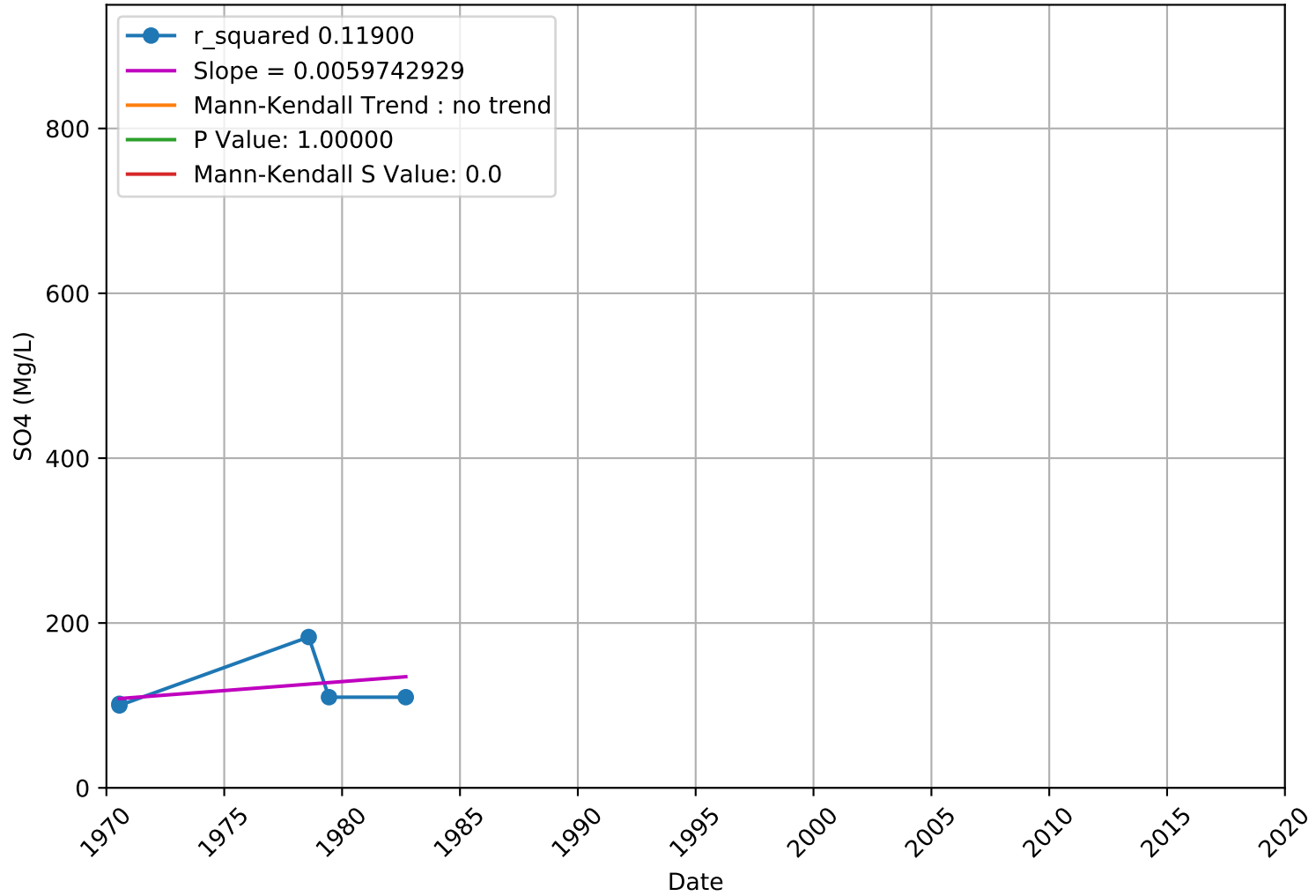
SO4

USGS-374046121155402 - Upper Aquifer



SO4

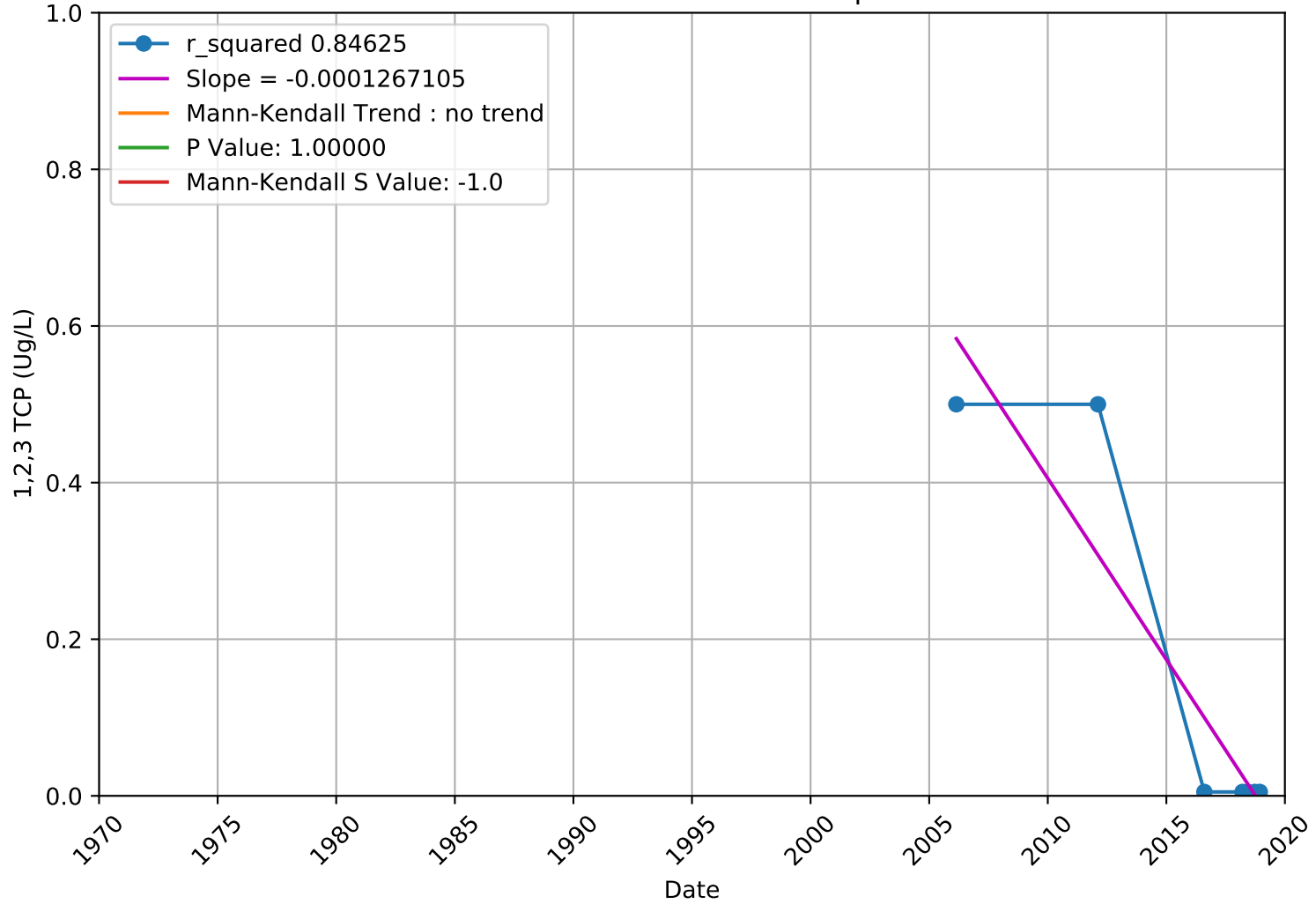
USGS-374223121250601 - Upper Aquifer



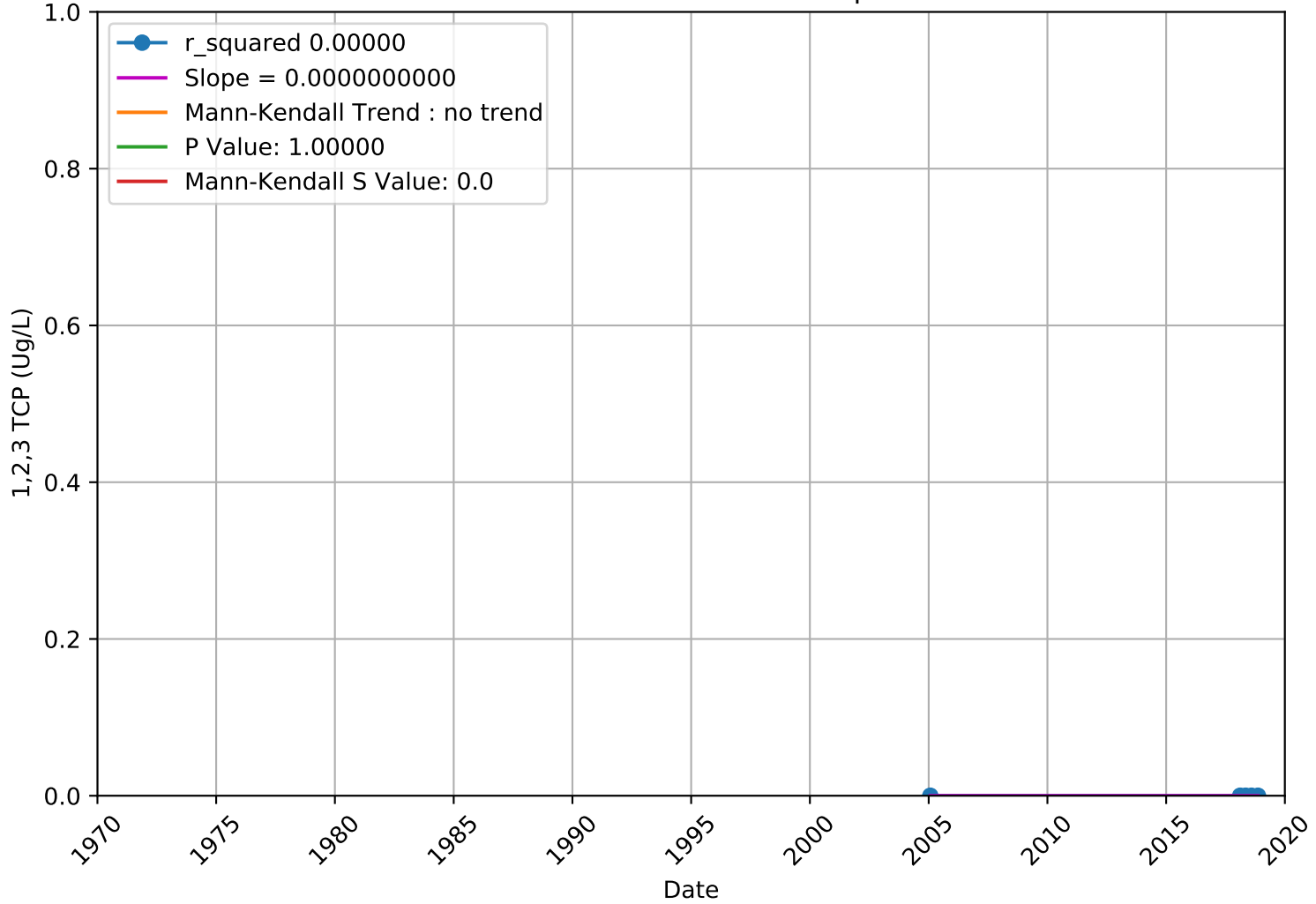
1,2,3-Trichloropropane

WellName	Latitude_NAD83	Longitude_NAD83	chemical	h	p	s	tau	trend	var_s	z	PRINCIPAL_AQUIFER
3910011-007	37.714471	-121.426009	TCPR123	FALSE	1	0	0	no trend	92	0	Unknown
3910011-010	37.736372	-121.435351	TCPR123	FALSE	1	0	0	no trend	165	0	Unknown
3910702-003	37.705557	-121.39764	TCPR123	FALSE	0.789	3	0.107	no trend	55.667	0.268	Unknown
3910018-002	37.683333	-121.266667	TCPR123	FALSE	0.289	-4	-0.4	no trend	8	-1.061	Unknown
3910701-003	37.85144	-121.2682	TCPR123	TRUE	0.003	54	0.45	increasing	324.667	2.941	Unknown
3910701-001	37.849584	-121.268763	TCPR123	FALSE	0.129	15	0.125	no trend	85	1.519	Unknown
3910011-017	37.738215	-121.419962	TCPR123	FALSE	1	0	0	no trend	44.333	0	Unknown
3910018-001	37.679751	-121.272617	TCPR123	FALSE	0.522	7	0.106	no trend	87.667	0.641	Unknown
3910035-001	37.805066	-121.450392	TCPR123	FALSE	0.25	-22	-0.242	no trend	332.667	-1.151	Unknown
4300611-002	37.994444	-121.499722	TCPR123	FALSE	0.096	-7	-0.7	no trend	13	-1.664	Unknown
3910015-005	37.816859	-121.266705	TCPR123	FALSE	0.665	12	0.078	no trend	647.333	0.432	Upper
3910011-003	37.683959	-121.439427	TCPR123	TRUE	0.012	37	0.407	increasing	205	2.514	Lower
3910800-002	37.744188	-121.32701	TCPR123	FALSE	0.313	16	0.205	no trend	220.667	1.01	Unknown
3910800-003	37.74545	-121.32897	TCPR123	FALSE	0.313	16	0.205	no trend	220.667	1.01	Unknown
3910800-001	37.744746	-121.327221	TCPR123	FALSE	1	0	0	no trend	16.667	0	Unknown
3910800-004	37.74591	-121.336213	TCPR123	FALSE	0.313	16	0.205	no trend	220.667	1.01	Unknown
3910701-005	37.851301	-121.2673	TCPR123	TRUE	0.002	64	0.418	increasing	424.667	3.057	Unknown
3910011-004	37.682308	-121.436988	TCPR123	TRUE	0.012	37	0.407	increasing	205	2.514	Lower
3910011-006	37.686539	-121.443515	TCPR123	TRUE	0.015	33	0.423	increasing	173	2.433	Lower
3910011-005	37.683353	-121.443313	TCPR123	FALSE	0.212	19	0.209	no trend	207.667	1.249	Lower
3910015-006	37.818884	-121.266416	TCPR123	FALSE	0.091	-47	-0.275	no trend	742.333	-1.688	Upper
3910015-007	37.811547	-121.263915	TCPR123	FALSE	0.699	-10	-0.074	no trend	540.667	-0.387	Upper
3910015-008	37.801132	-121.262514	TCPR123	FALSE	0.455	20	0.131	no trend	647.333	0.747	Upper
3910011-018	37.743262	-121.424805	TCPR123	FALSE	0.099	13	0.464	no trend	53	1.648	Lower
3910018-004	37.679705	-121.272761	TCPR123	FALSE	0.503	-5	-0.238	no trend	35.667	-0.67	Unknown
3910701-007	37.851431	-121.265247	TCPR123	FALSE	0.289	4	0.4	no trend	8	1.061	Unknown
3910702-006	37.709972	-121.390802	TCPR123	FALSE	0.071	-9	-0.6	no trend	19.667	-1.804	Unknown
3910702-005	37.708149	-121.393881	TCPR123	FALSE	0.371	-3	-0.5	no trend	5	-0.894	Unknown
4110013-014	37.7	-121.466667	TCPR123	FALSE	1	-1	-0.1	no trend	15.667	0	Unknown
3900993-001	37.668527	-121.323805	TCPR123	FALSE	1	1	0.067	no trend	19.667	0	Unknown
3900991-001	37.743544	-121.461428	TCPR123	FALSE	0.096	-7	-0.7	no trend	13	-1.664	Unknown
3910011-030	37.740208	-121.439285	TCPR123	FALSE	1	1	0.048	no trend	39.667	0	Lower
3900719-001	37.7685	-121.35325	TCPR123	FALSE	0.371	-3	-0.5	no trend	5	-0.894	Unknown
3901348-002	37.702894	-121.406986	TCPR123	FALSE	0.083	-16	-0.444	no trend	74.667	-1.736	Unknown
3901181-001	37.692555	-121.428055	TCPR123	FALSE	1	0	0	no trend	16.667	0	Unknown
3901409-001	37.709642	-121.426004	TCPR123	FALSE	0.289	4	0.4	no trend	8	1.061	Unknown
3901305-007	37.741365	-121.399277	TCPR123	FALSE	1	0	0	no trend	8.667	0	Unknown
3901378-002	37.743671	-121.362772	TCPR123	FALSE	0.371	-3	-0.5	no trend	5	-0.894	Unknown
3901172-002	37.636324	-121.399544	TCPR123	FALSE	1	-1	-0.067	no trend	19.667	0	Unknown
3901172-003	37.632289	-121.39736	TCPR123	FALSE	1	-1	-0.067	no trend	19.667	0	Unknown
3900702-001	37.990639	-121.407056	TCPR123	FALSE	0.396	-6	-0.286	no trend	34.667	-0.849	Unknown
3900810-001	37.804543	-121.267078	TCPR123	FALSE	0.433	-4	-0.4	no trend	14.667	-0.783	Unknown
3901216-002	37.74753	-121.516649	TCPR123	FALSE	1	-1	-0.067	no trend	19.667	0	Unknown
3900559-001	37.79	-121.38	TCPR123	FALSE	1	0	0	no trend	8.667	0	Unknown
3900558-002	37.79	-121.4	TCPR123	FALSE	1	-1	-0.067	no trend	19.667	0	Unknown
3910011-034	37.752802	-121.434603	TCPR123	FALSE	1	1	0.048	no trend	39.667	0	Lower
3910011-032	37.754682	-121.465249	TCPR123	FALSE	1	1	0.048	no trend	39.667	0	Lower
3901348-003	37.698742	-121.409917	TCPR123	FALSE	0.3	-12	-0.267	no trend	112.667	-1.036	Unknown
3901348-004	37.698147	-121.416153	TCPR123	FALSE	0.508	-7	-0.194	no trend	82.333	-0.661	Unknown
3900810-002	37.808086	-121.271346	TCPR123	FALSE	1	-1	-0.067	no trend	19.667	0	Unknown
3901309-008	37.694682	-121.411996	TCPR123	FALSE	1	-1	-0.1	no trend	13	0	Unknown
3910005-044	37.782808	-121.300937	TCPR123	FALSE	0.133	-98	-0.186	no trend	4158.667	-1.504	Unknown
ESJ-01	37.81683333	-121.2666667	TCPR123	FALSE	0.806	2	0.2	no trend	16.667	0.245	Unknown
TRCY-03	37.68341667	-121.4433333	TCPR123	FALSE	1	-1	-0.067	no trend	28.333	0	Unknown
3901405-007	37.631659	-121.289884	TCPR123	FALSE	0.289	-4	-0.4	no trend	8	-1.061	Unknown
3910800-006	37.744722	-121.329167	TCPR123	FALSE	0.371	3	0.5	no trend	5	0.894	Unknown
3901420-001	37.690618	-121.432012	TCPR123	FALSE	1	-1	-0.1	no trend	13	0	Unknown
3901338-007	37.693257	-121.414274	TCPR123	FALSE	1	0	0	no trend	8.667	0	Unknown
3910015-016	37.80114	-121.262596	TCPR123	FALSE	0.071	-19	-0.422	no trend	99.667	-1.803	Upper
3901320-008	37.712313	-121.378815	TCPR123	FALSE	0.371	3	0.5	no trend	5	0.894	Unknown
3901116-007	37.739222	-121.399009	TCPR123	FALSE	1	0	0	no trend	8.667	0	Unknown
3901336-009	37.740646	-121.401135	TCPR123	FALSE	1	0	0	no trend	8.667	0	Unknown

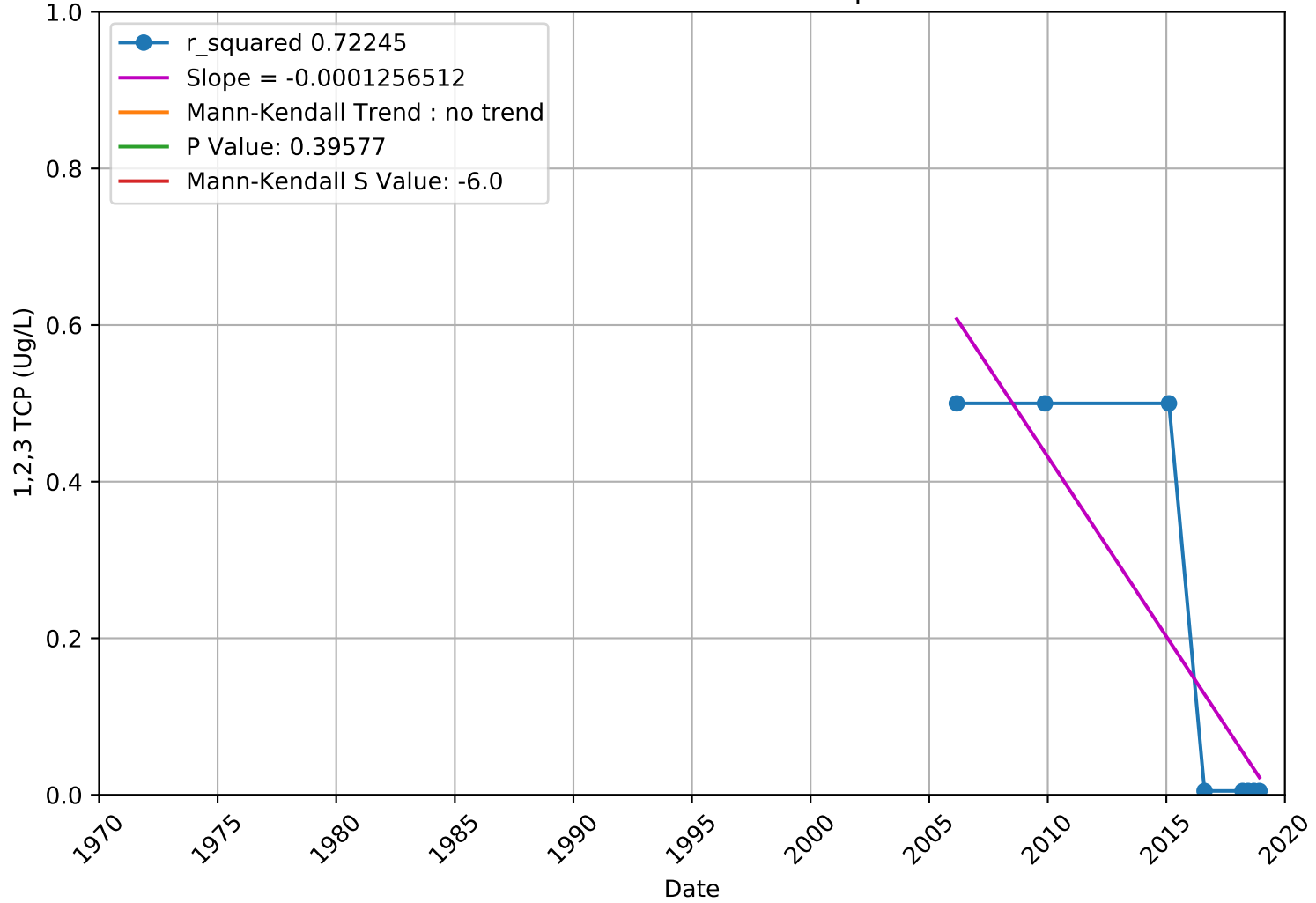
1,2,3 TCP 3900558-002 - Unknown Aquifer



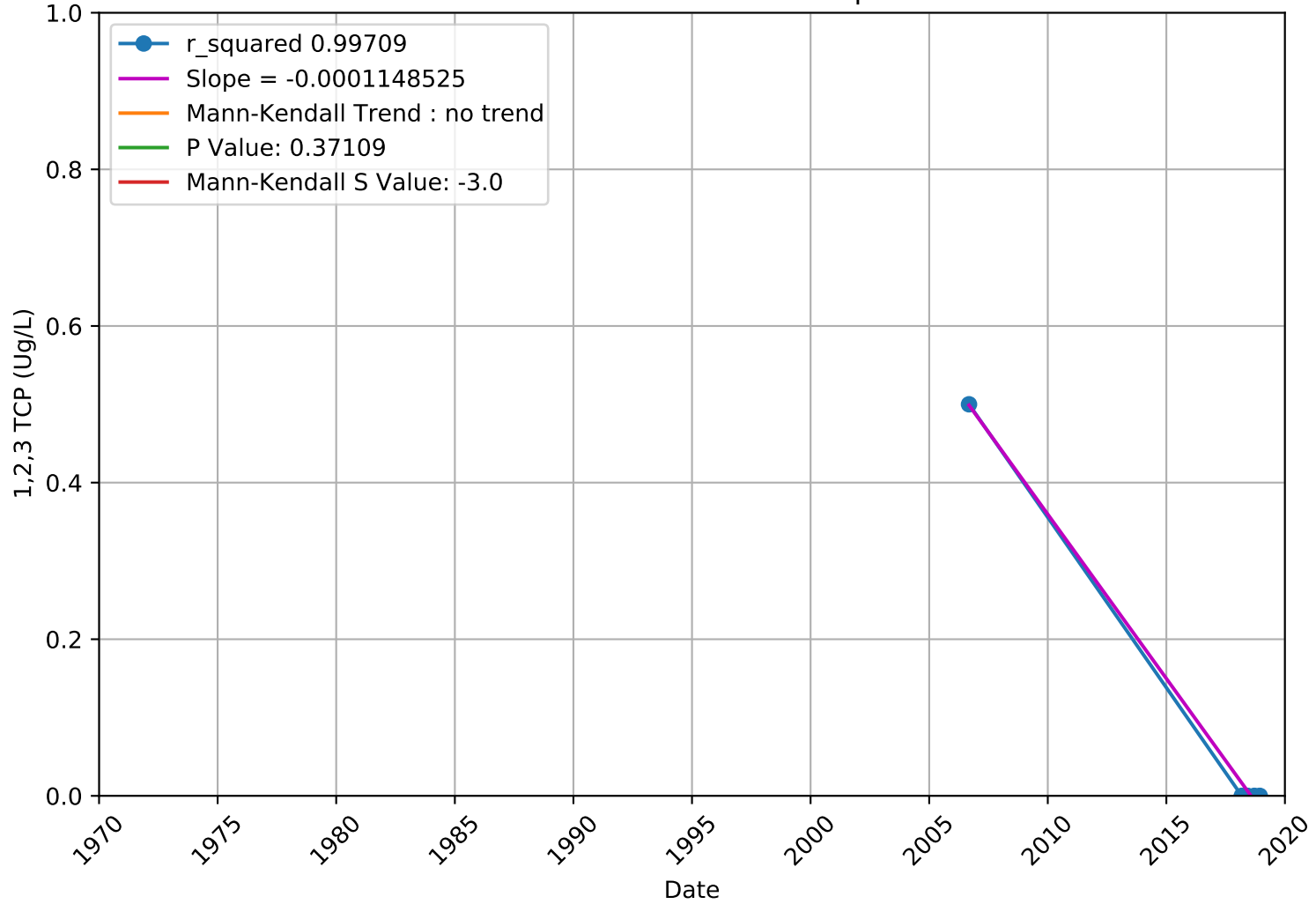
1,2,3 TCP 3900559-001 - Unknown Aquifer



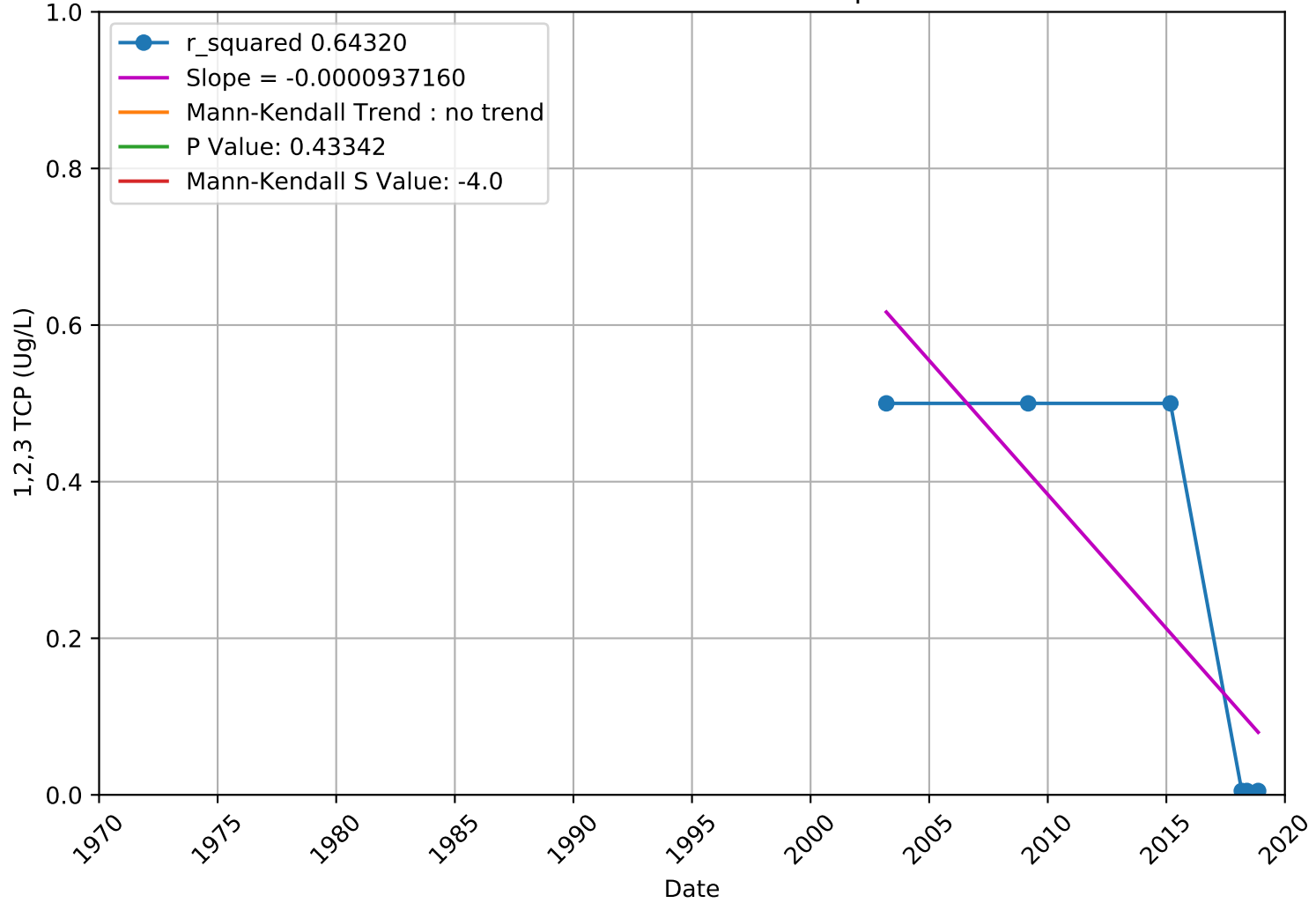
1,2,3 TCP 3900702-001 - Unknown Aquifer



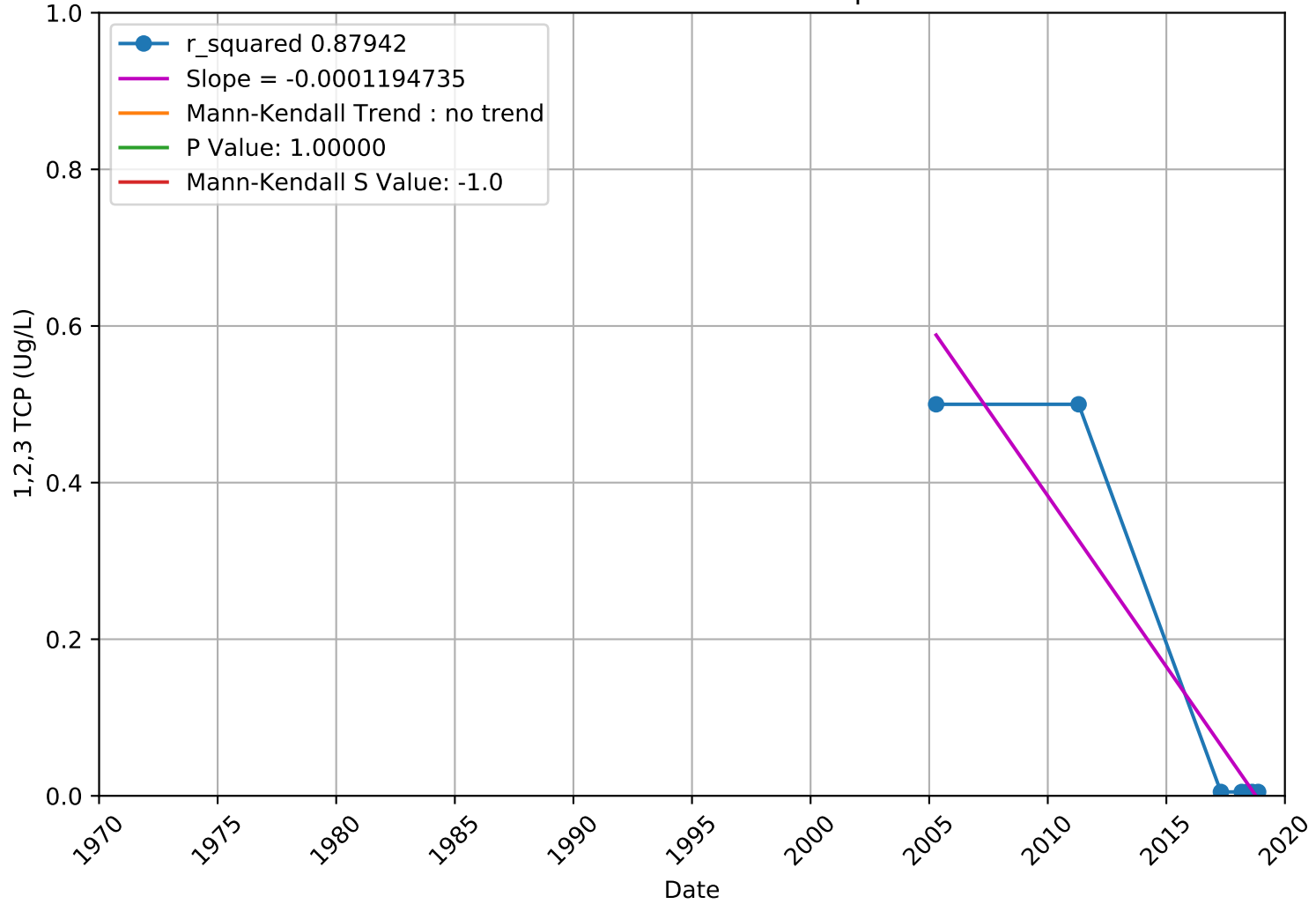
1,2,3 TCP 3900719-001 - Unknown Aquifer



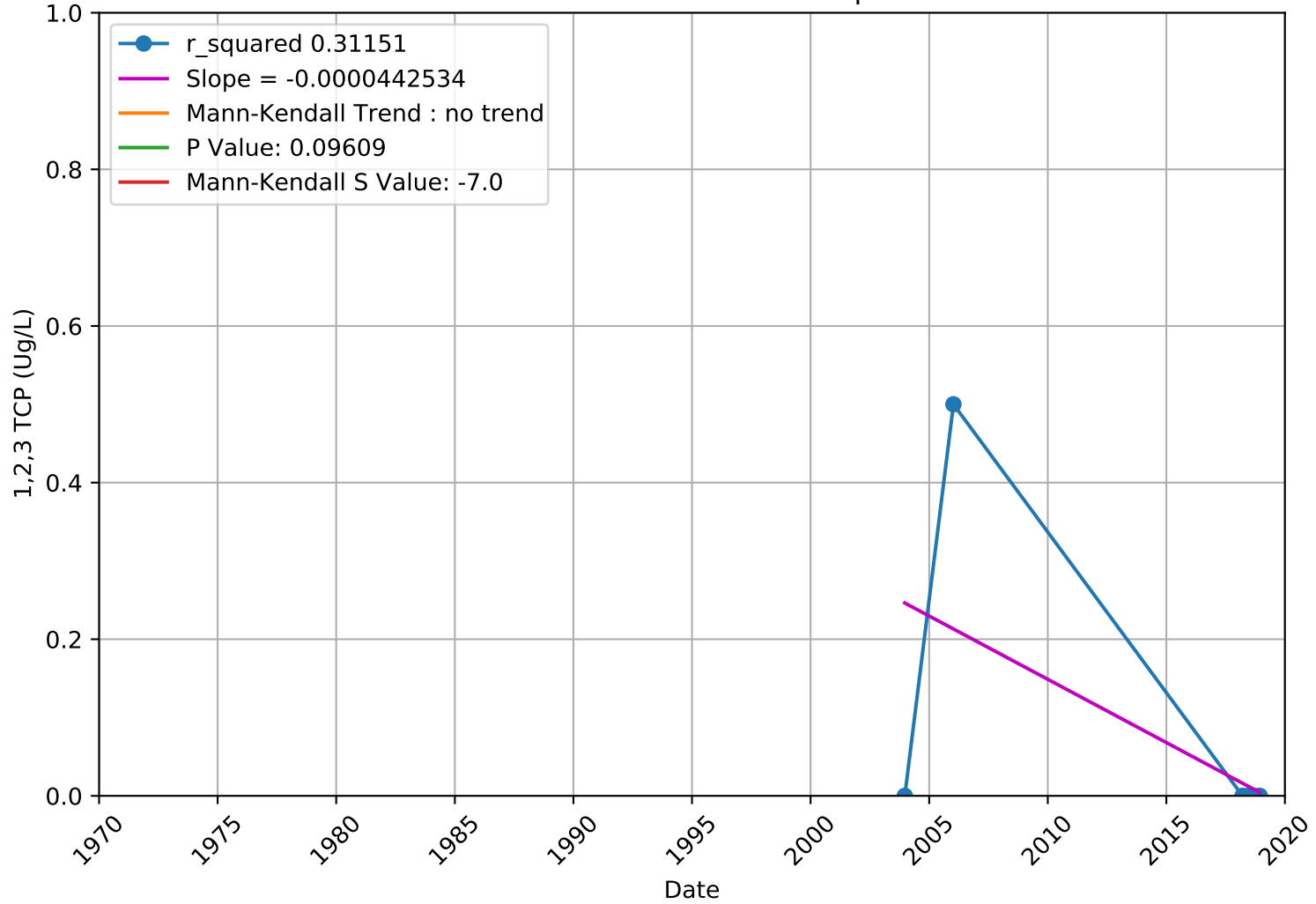
1,2,3 TCP 3900810-001 - Unknown Aquifer



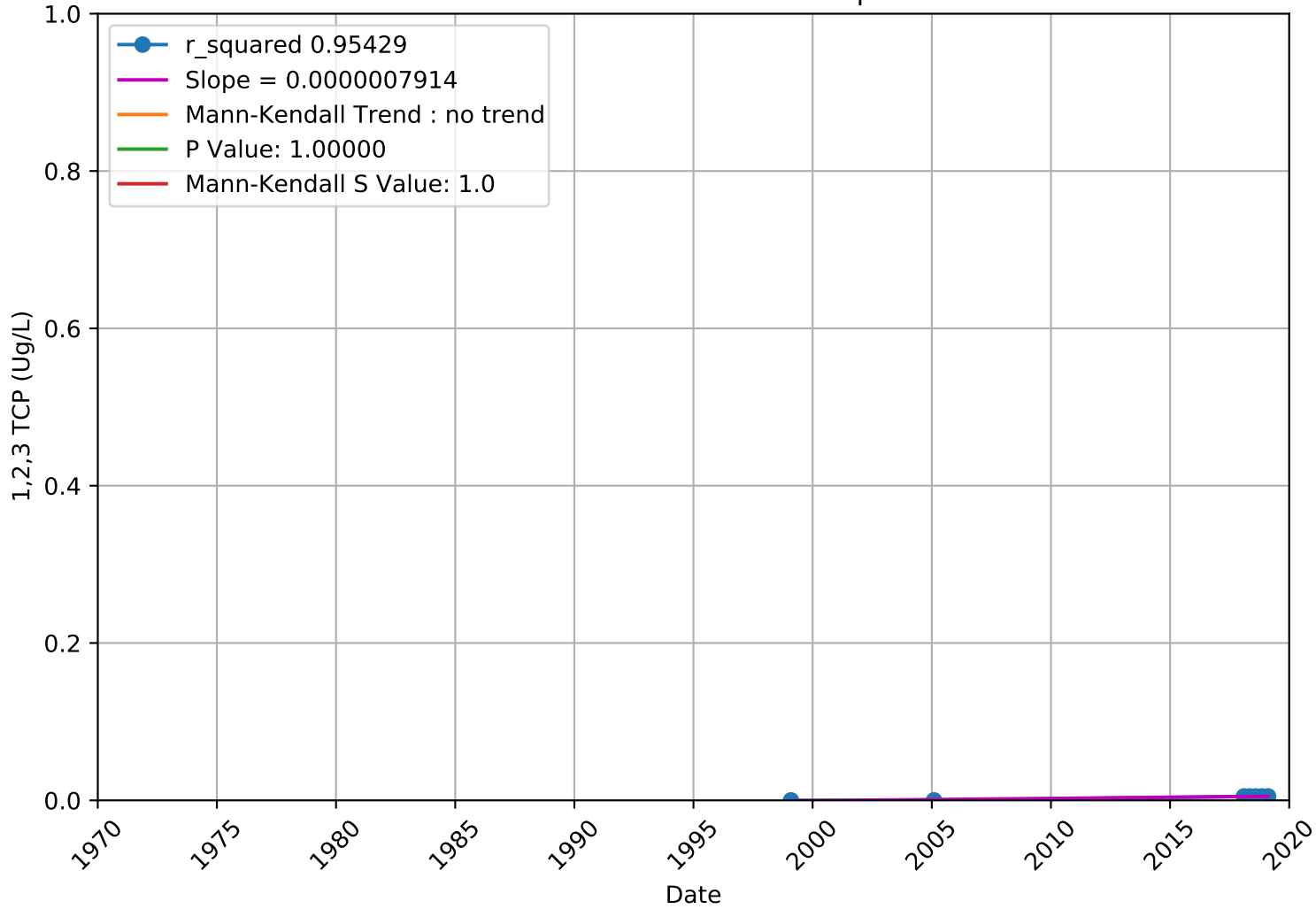
1,2,3 TCP 3900810-002 - Unknown Aquifer



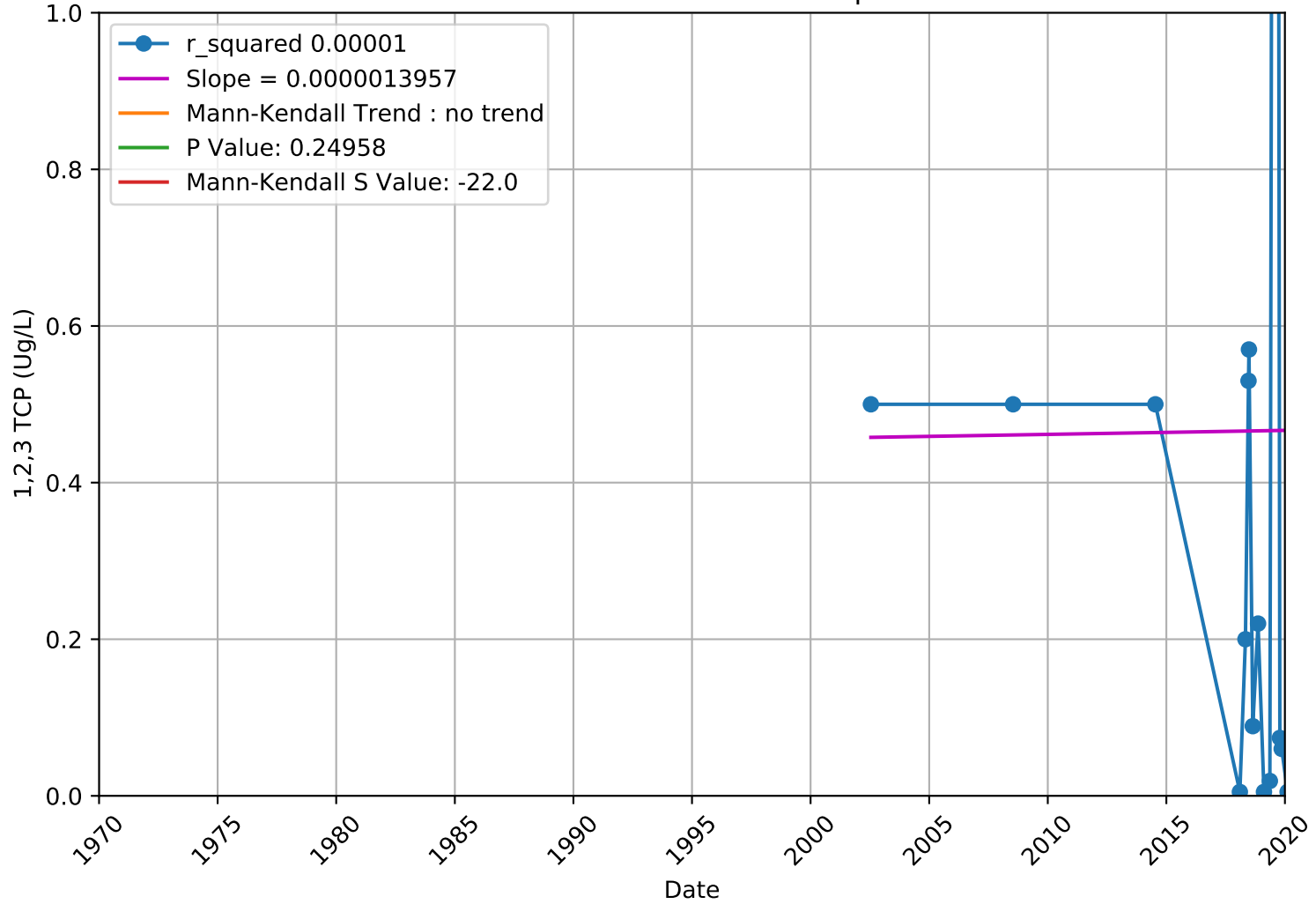
1,2,3 TCP 3900991-001 - Unknown Aquifer



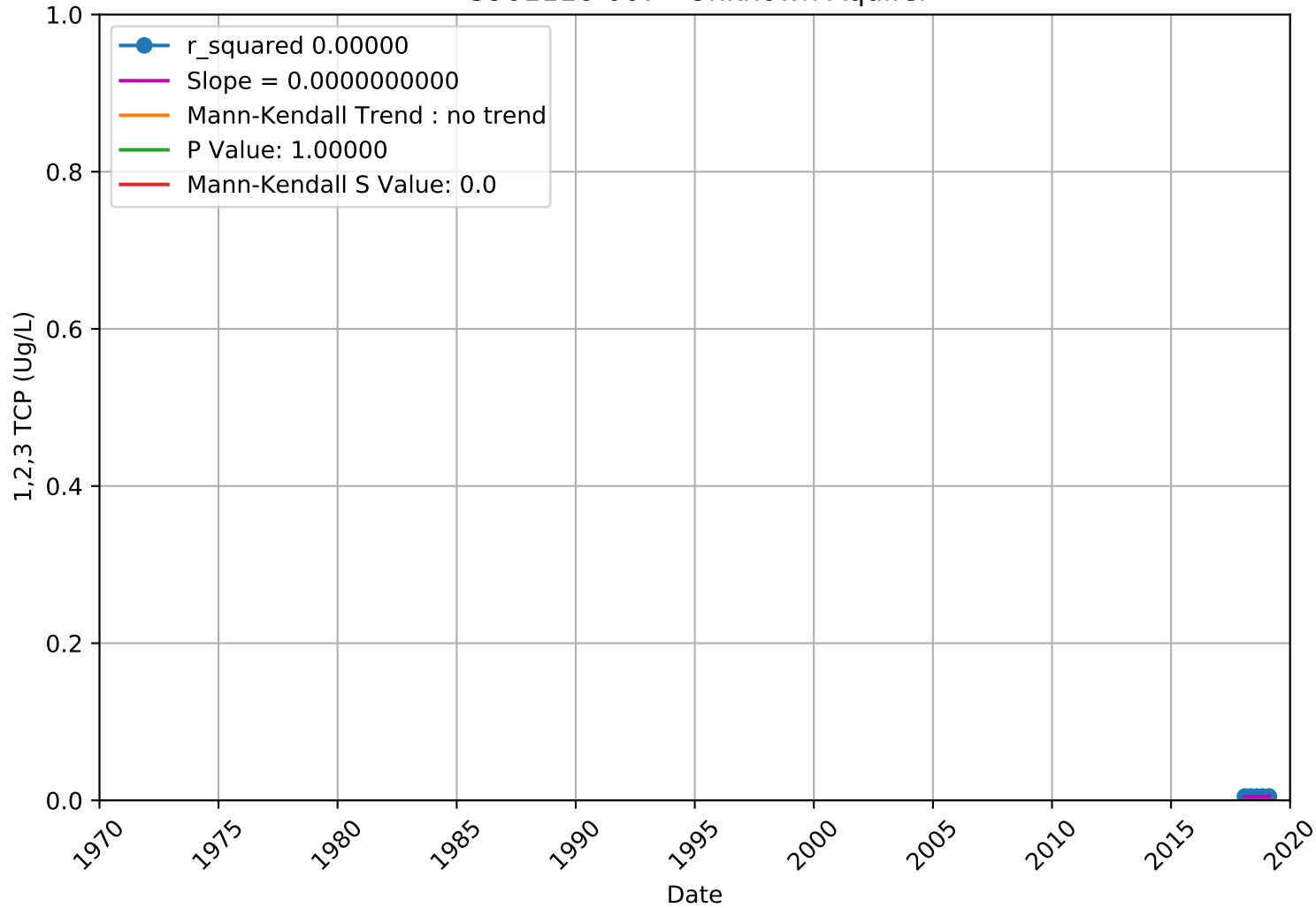
1,2,3 TCP 3900993-001 - Unknown Aquifer



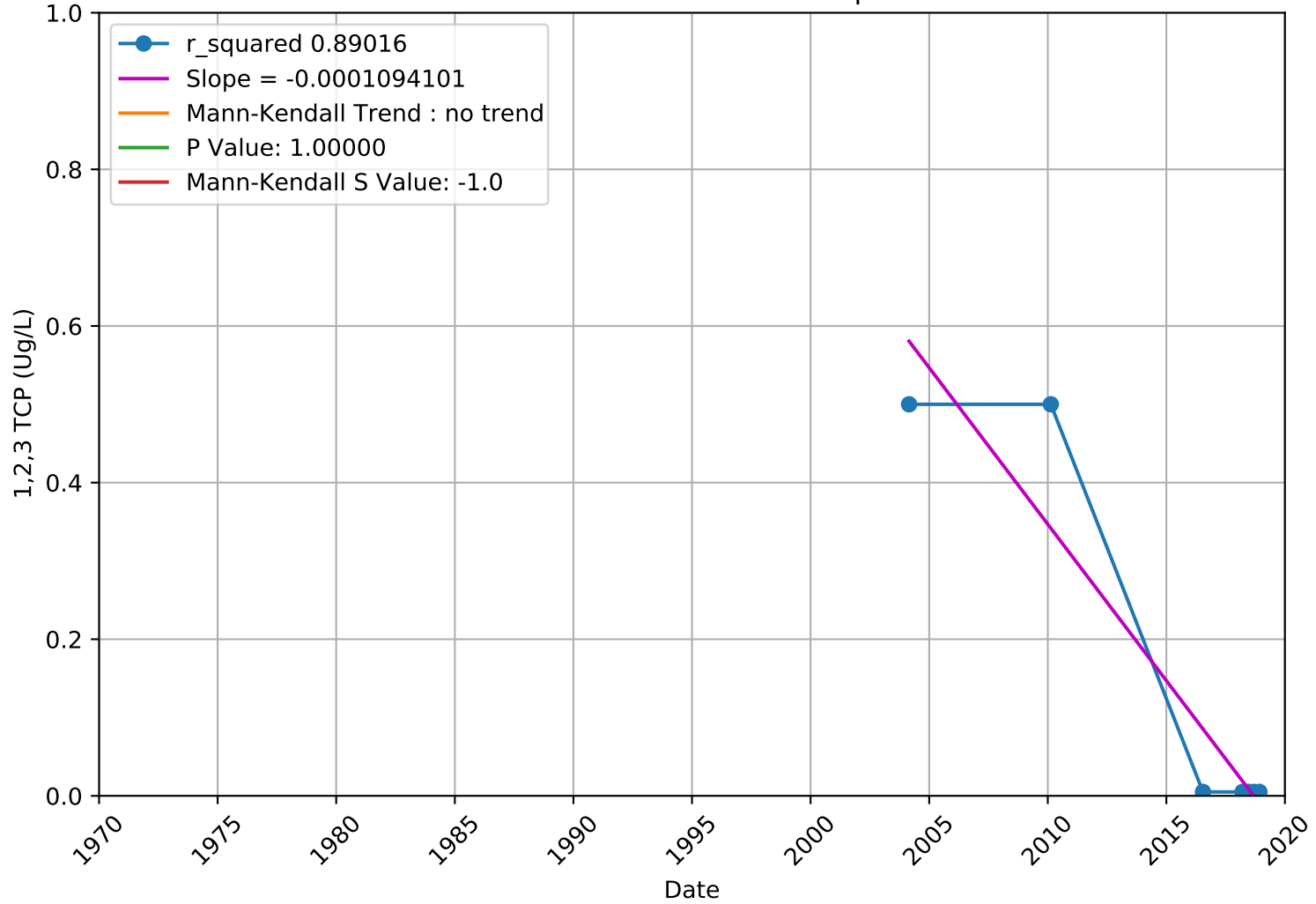
1,2,3 TCP 3901035-001 - Unknown Aquifer



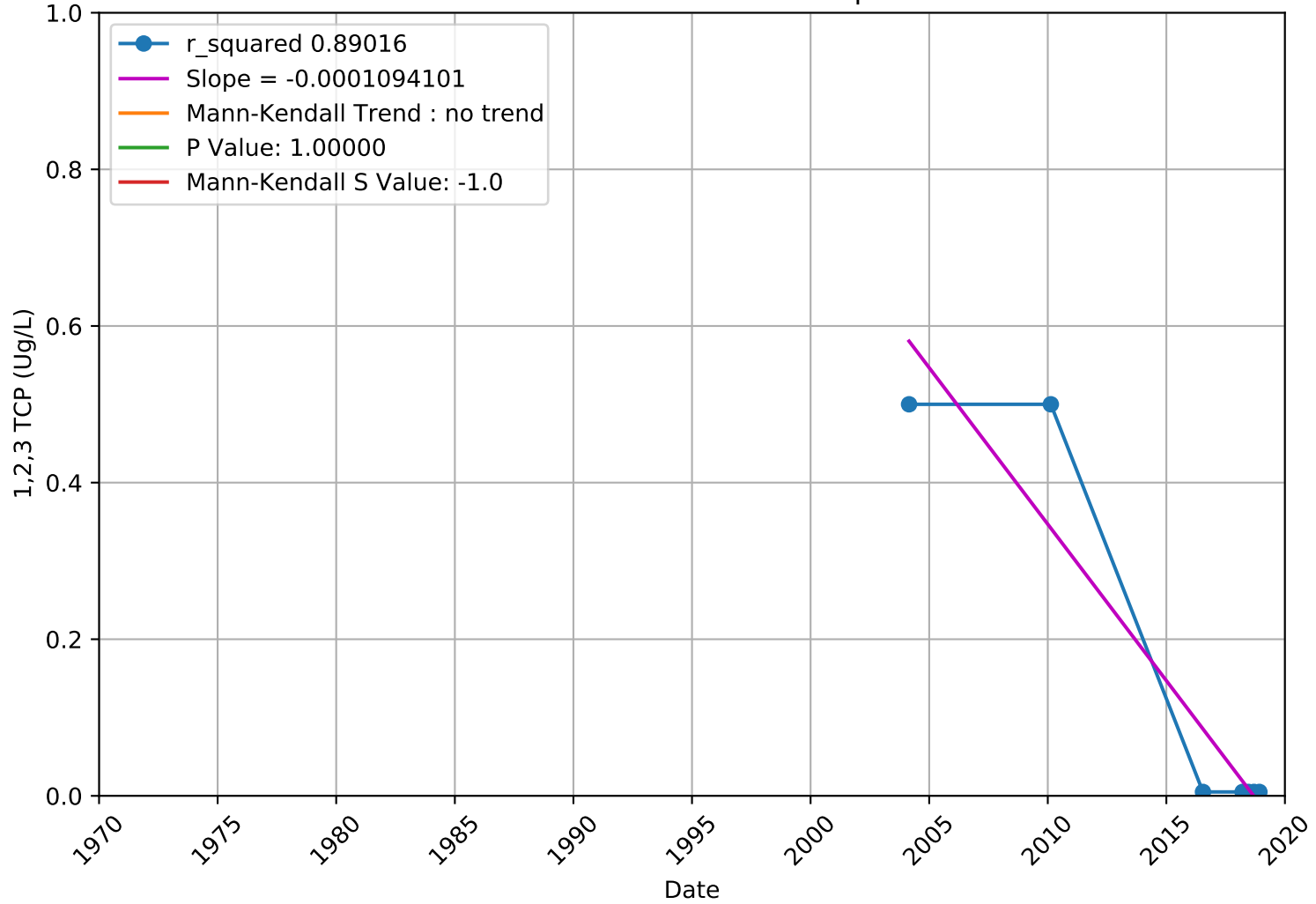
1,2,3 TCP 3901116-007 - Unknown Aquifer



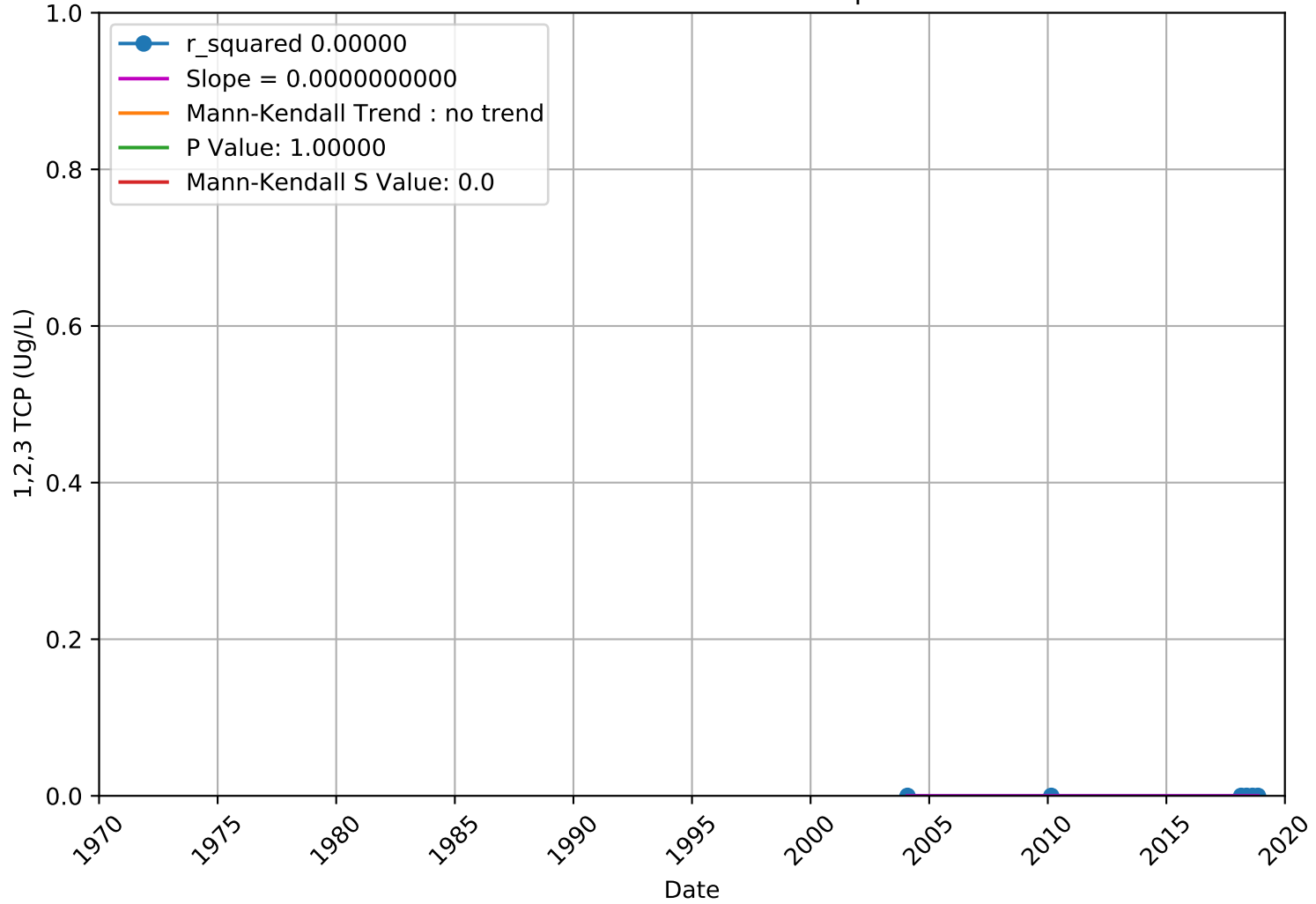
1,2,3 TCP 3901172-002 - Unknown Aquifer



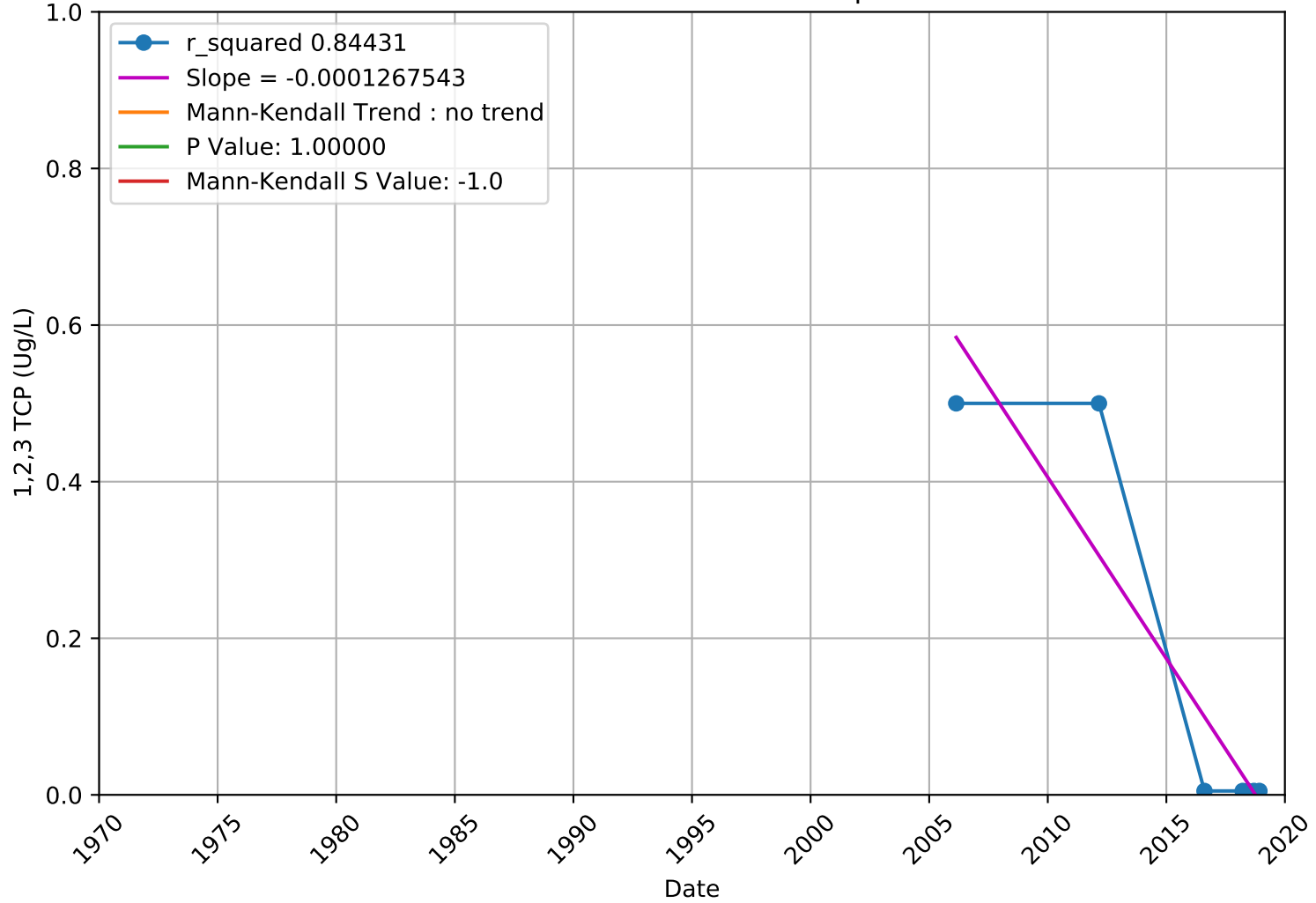
1,2,3 TCP 3901172-003 - Unknown Aquifer



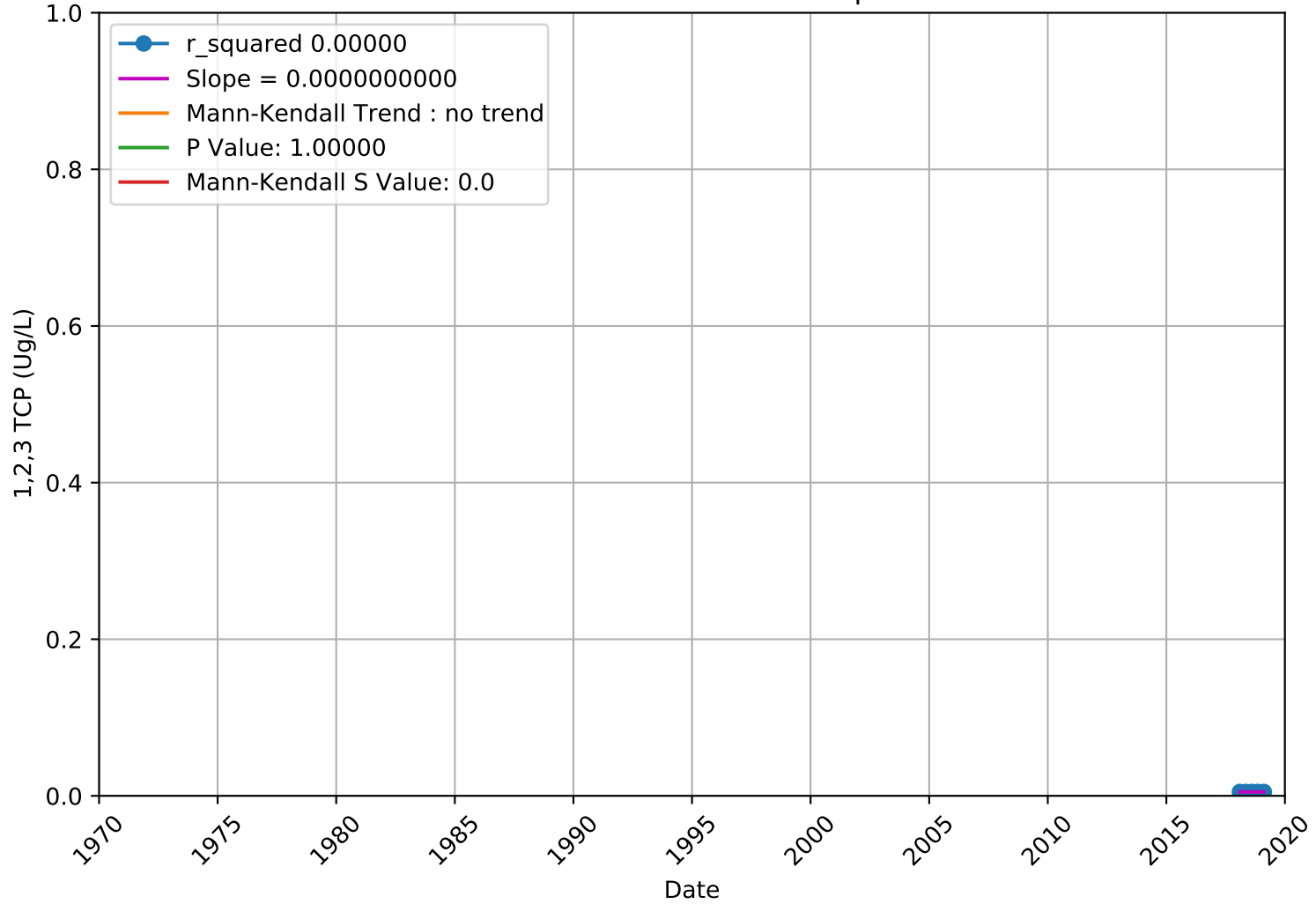
1,2,3 TCP 3901181-001 - Unknown Aquifer



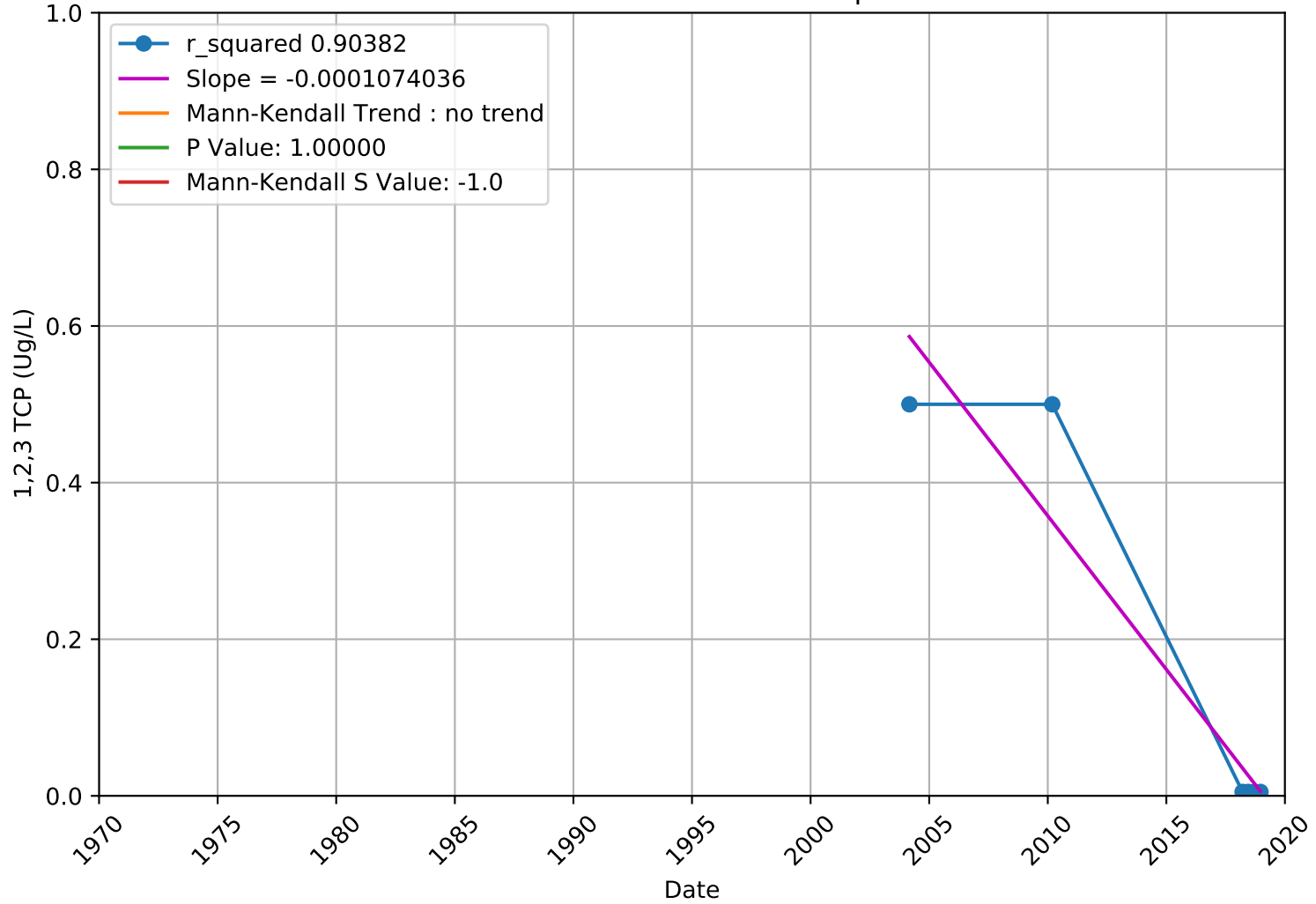
1,2,3 TCP 3901216-002 - Unknown Aquifer



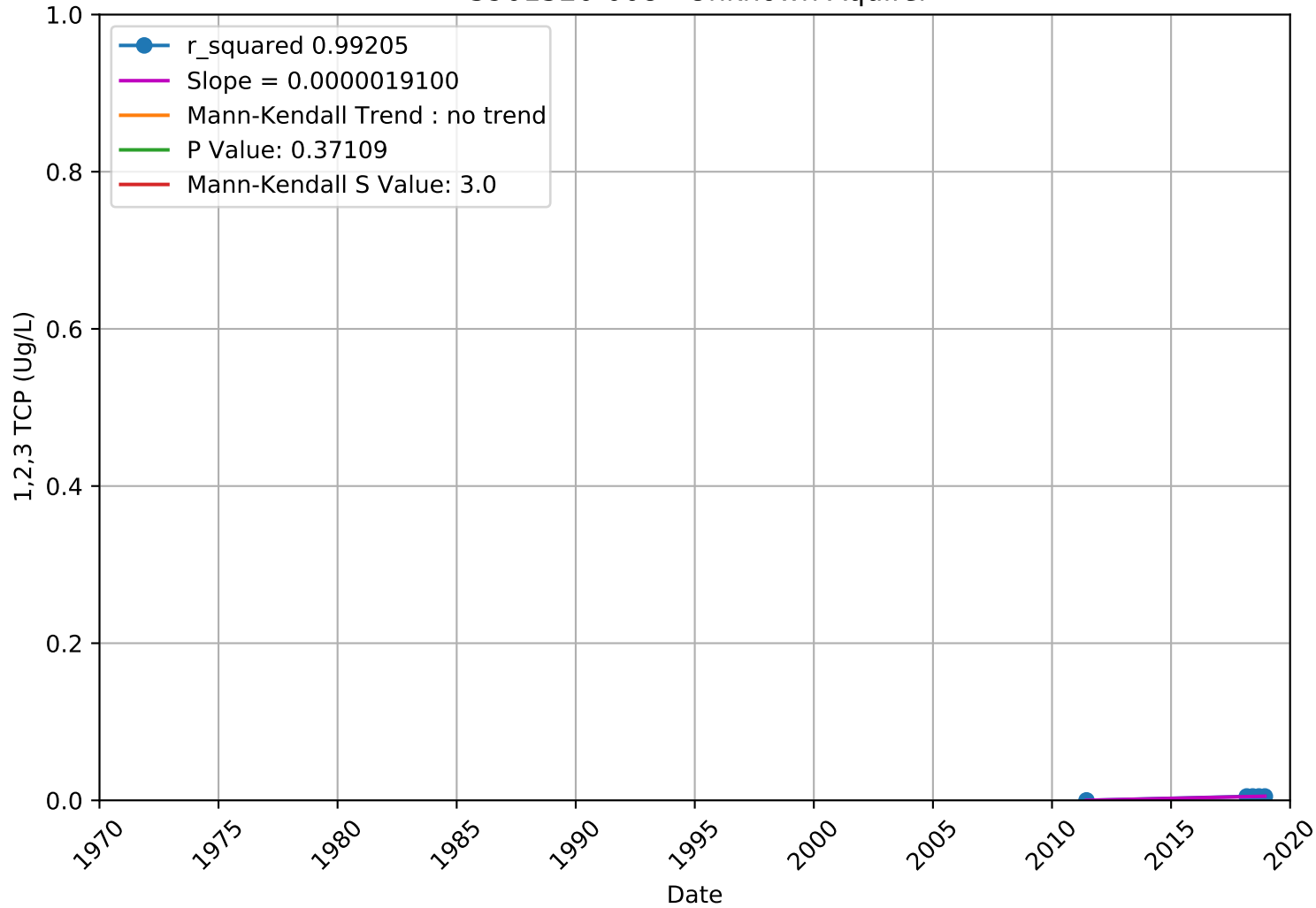
1,2,3 TCP 3901305-007 - Unknown Aquifer



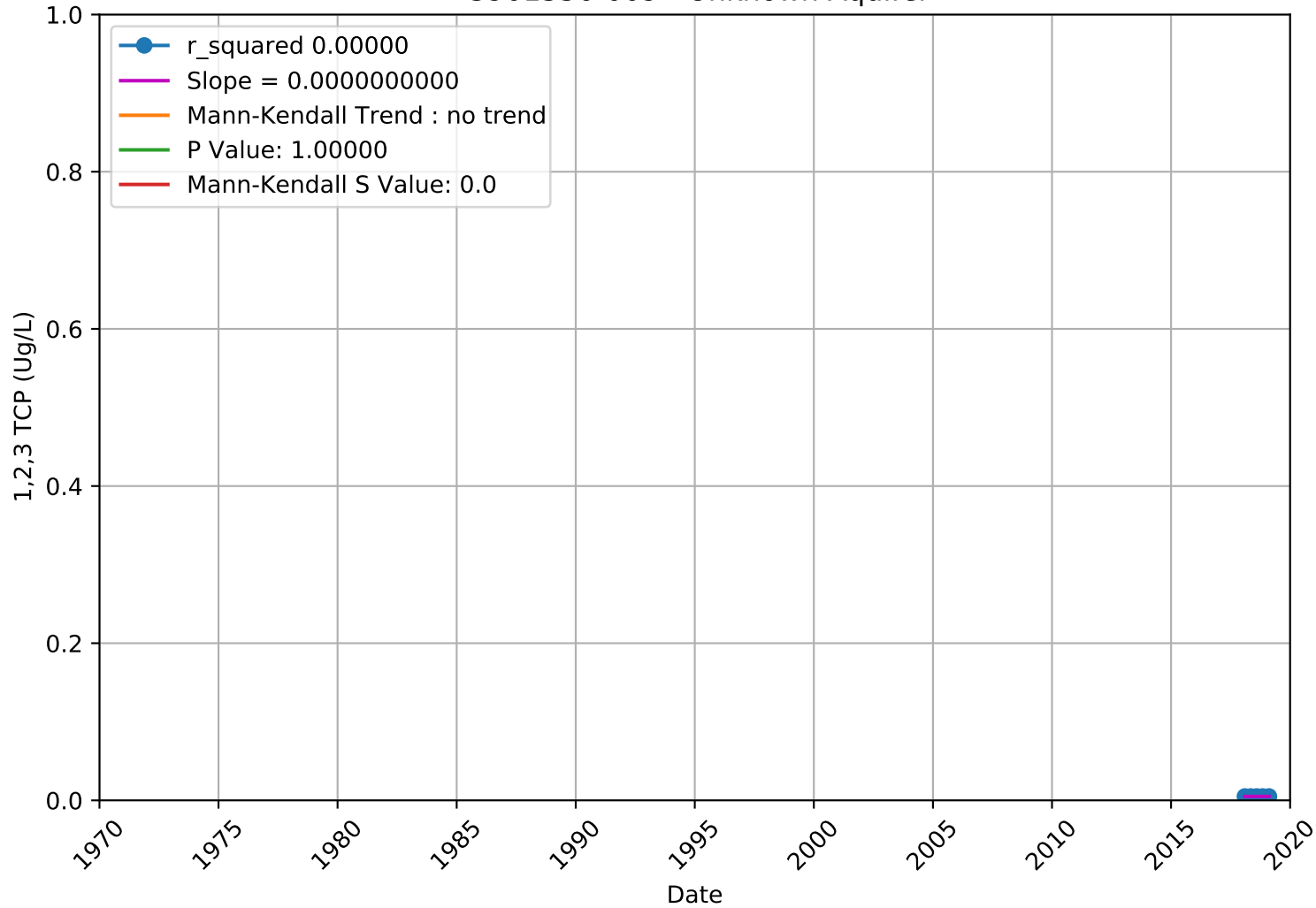
1,2,3 TCP 3901309-008 - Unknown Aquifer



1,2,3 TCP 3901320-008 - Unknown Aquifer

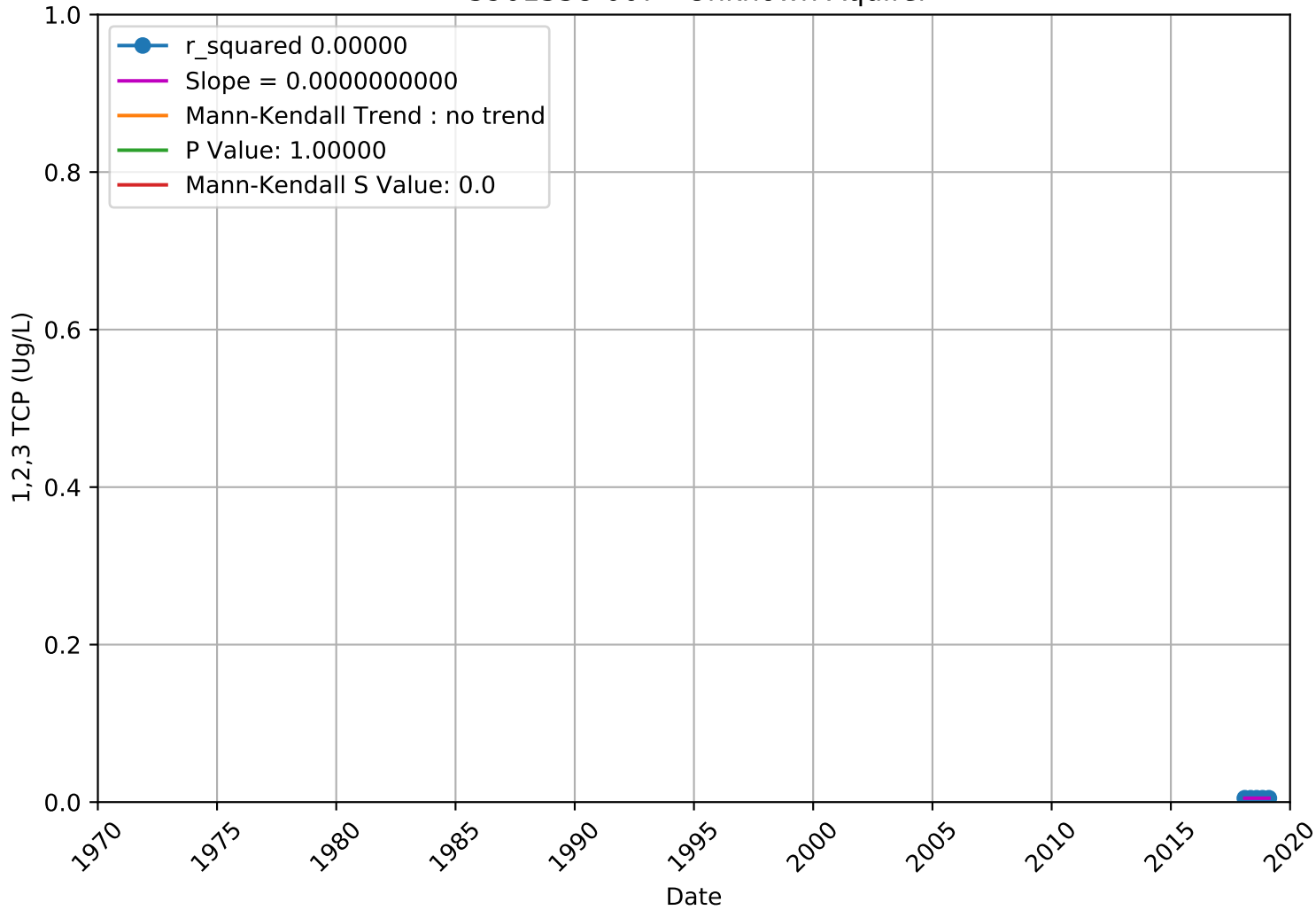


1,2,3 TCP 3901336-009 - Unknown Aquifer



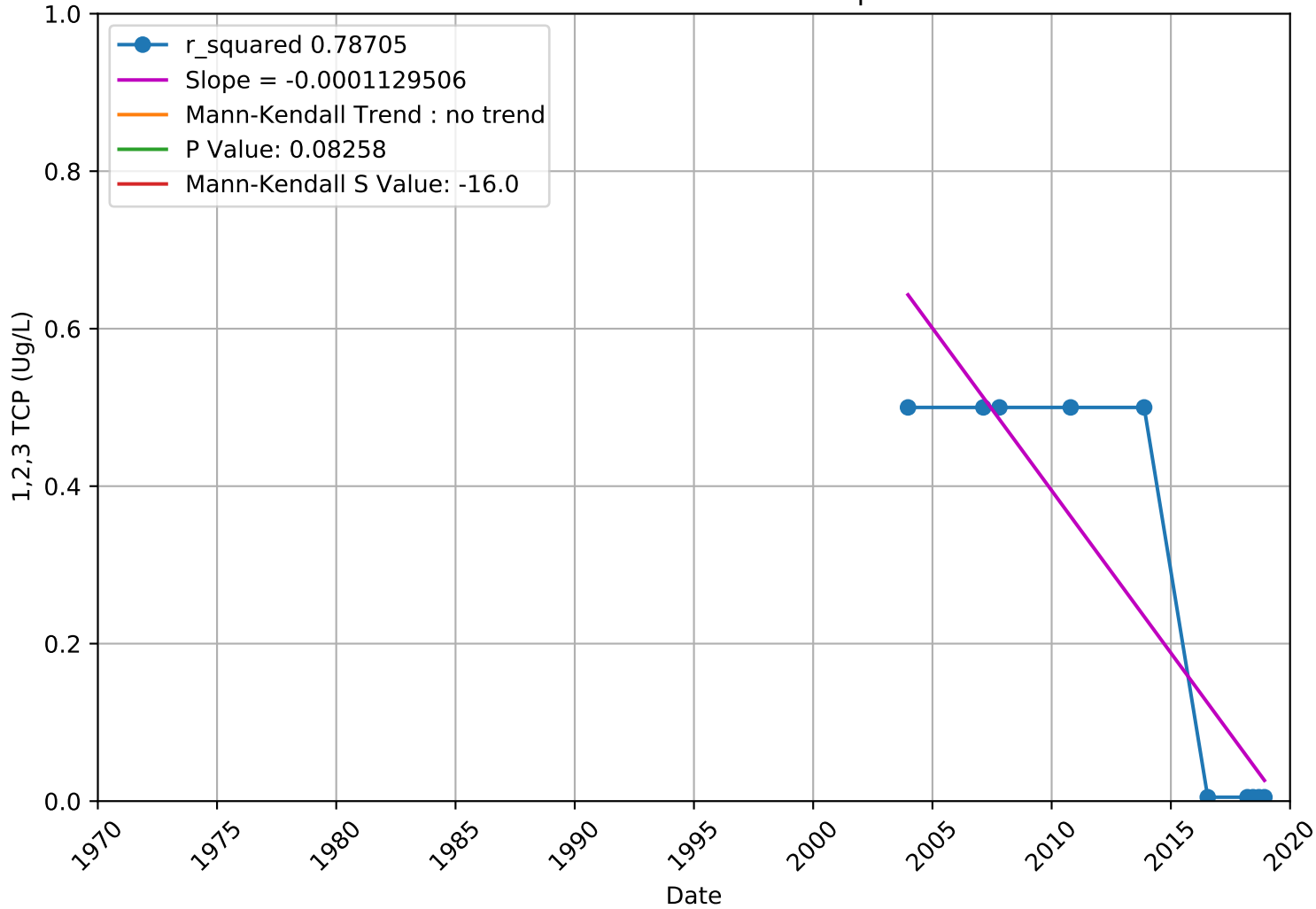
1,2,3 TCP

3901338-007 - Unknown Aquifer

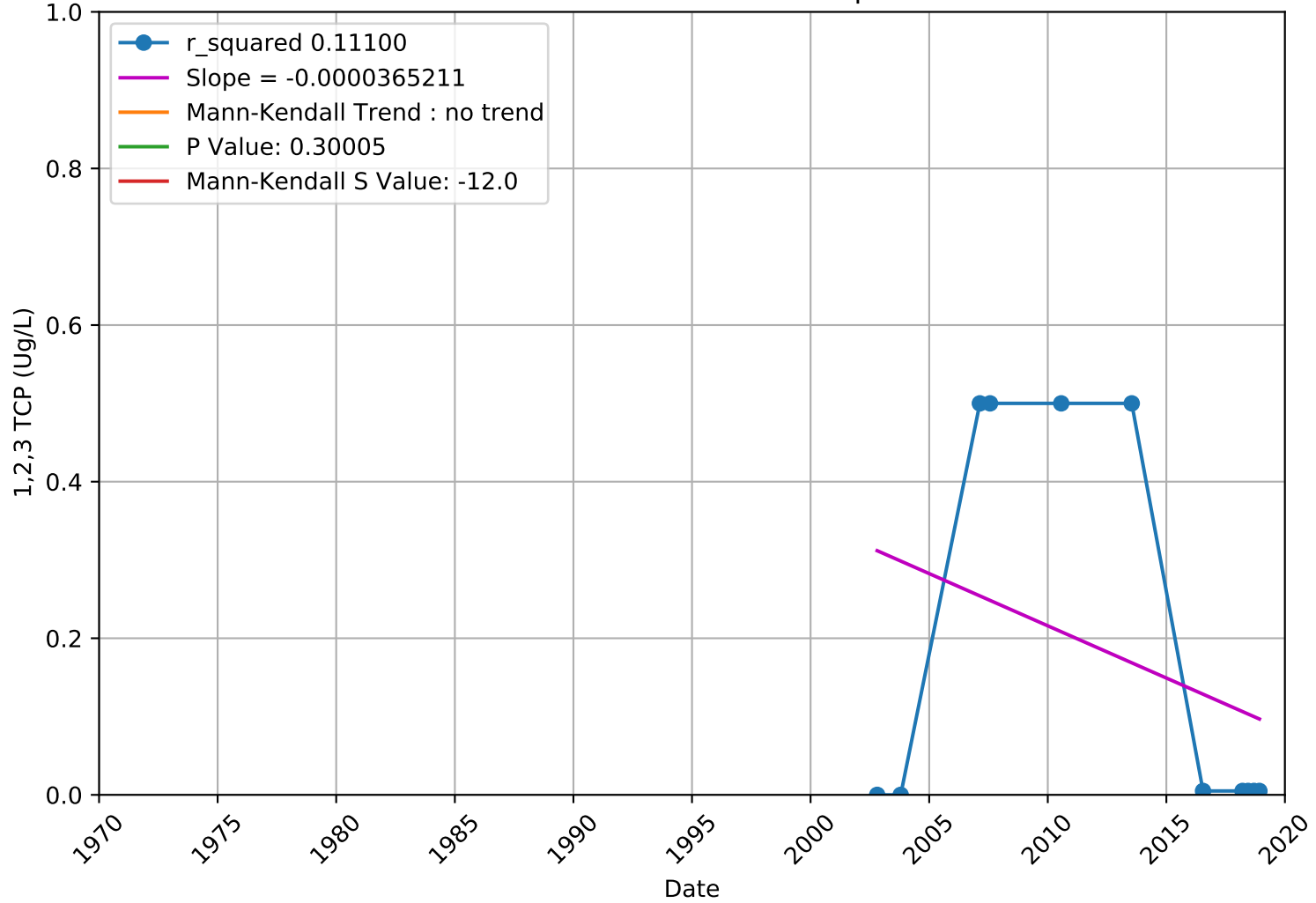


1,2,3 TCP

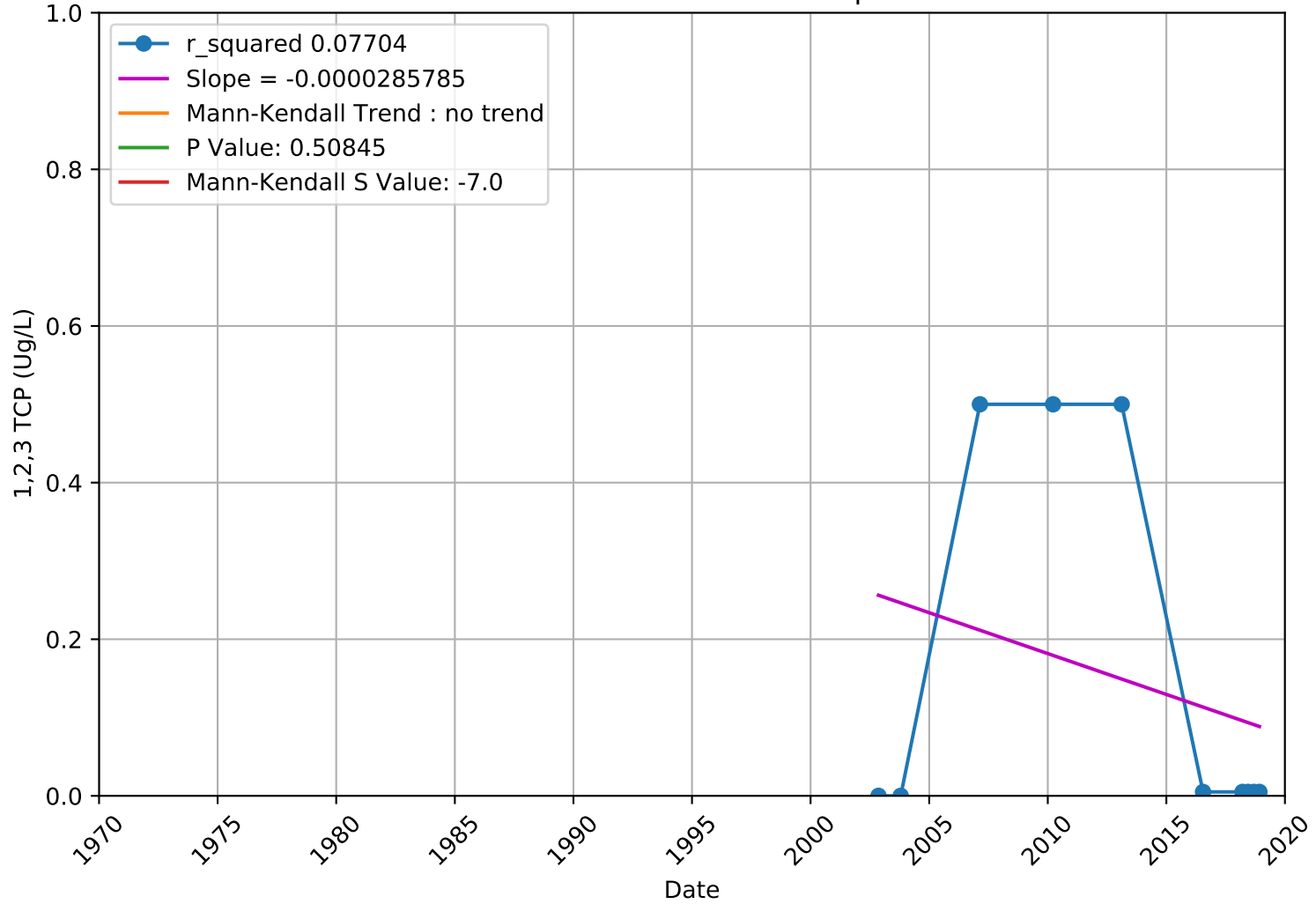
3901348-002 - Unknown Aquifer



1,2,3 TCP 3901348-003 - Unknown Aquifer

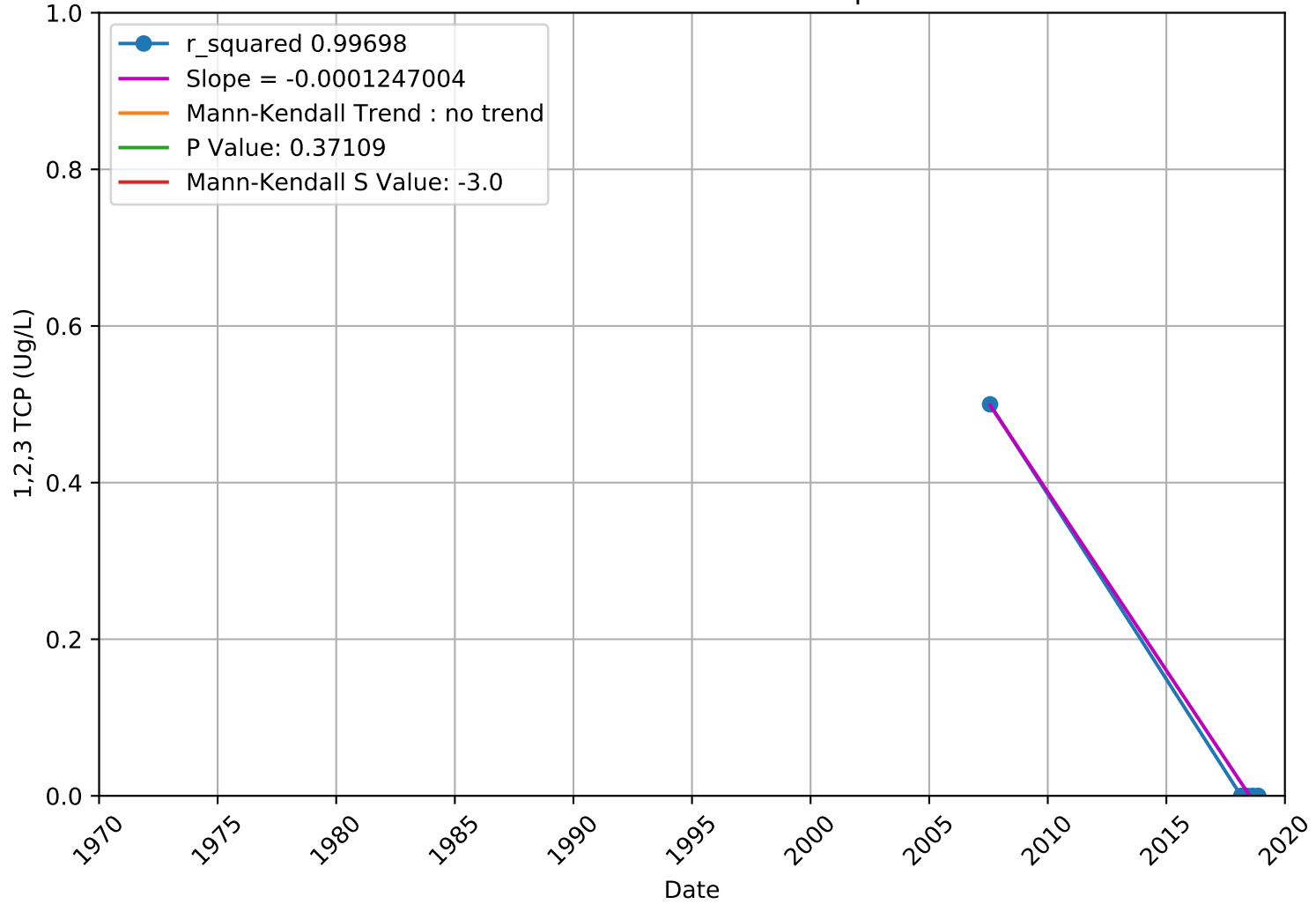


1,2,3 TCP 3901348-004 - Unknown Aquifer

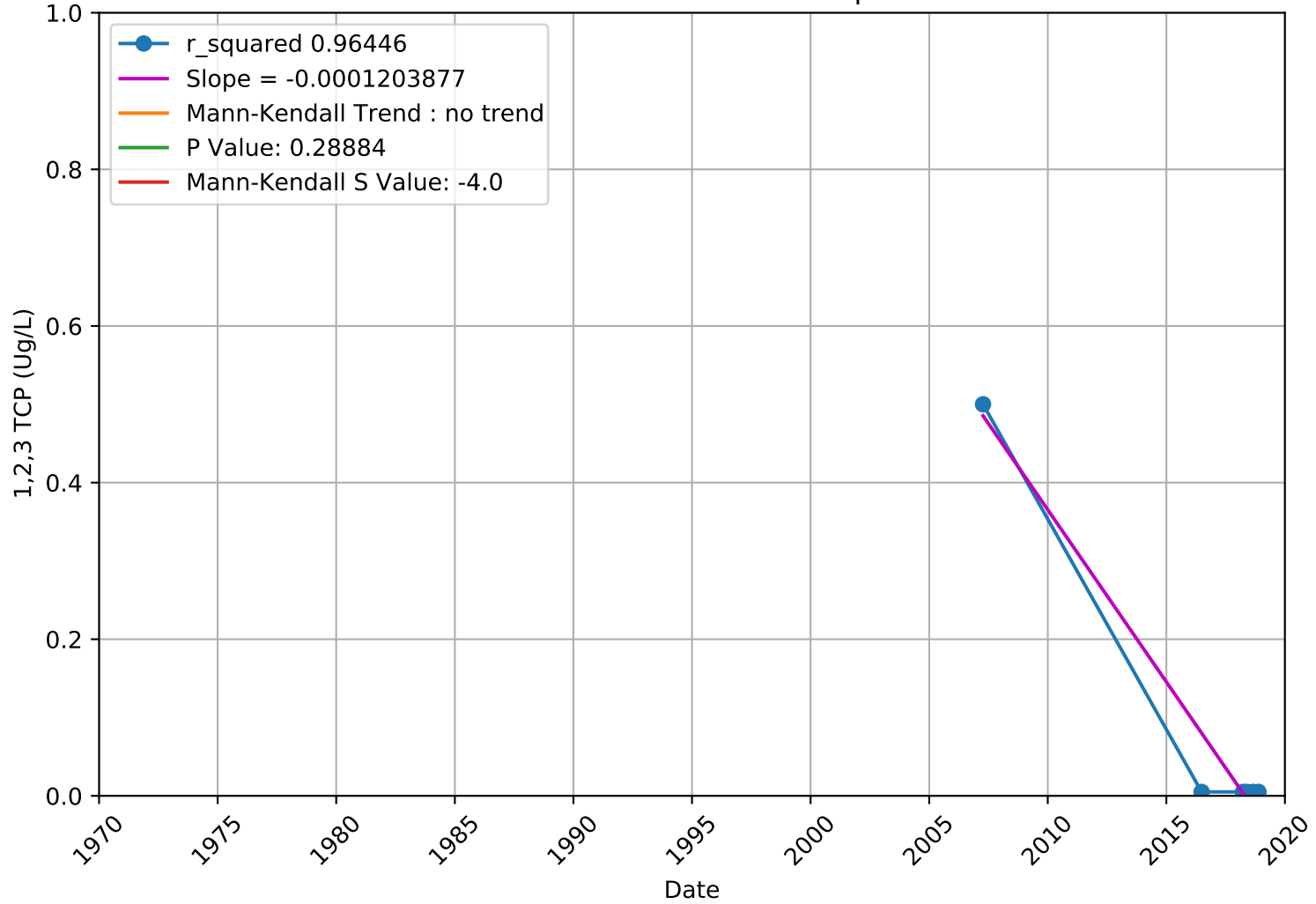


1,2,3 TCP

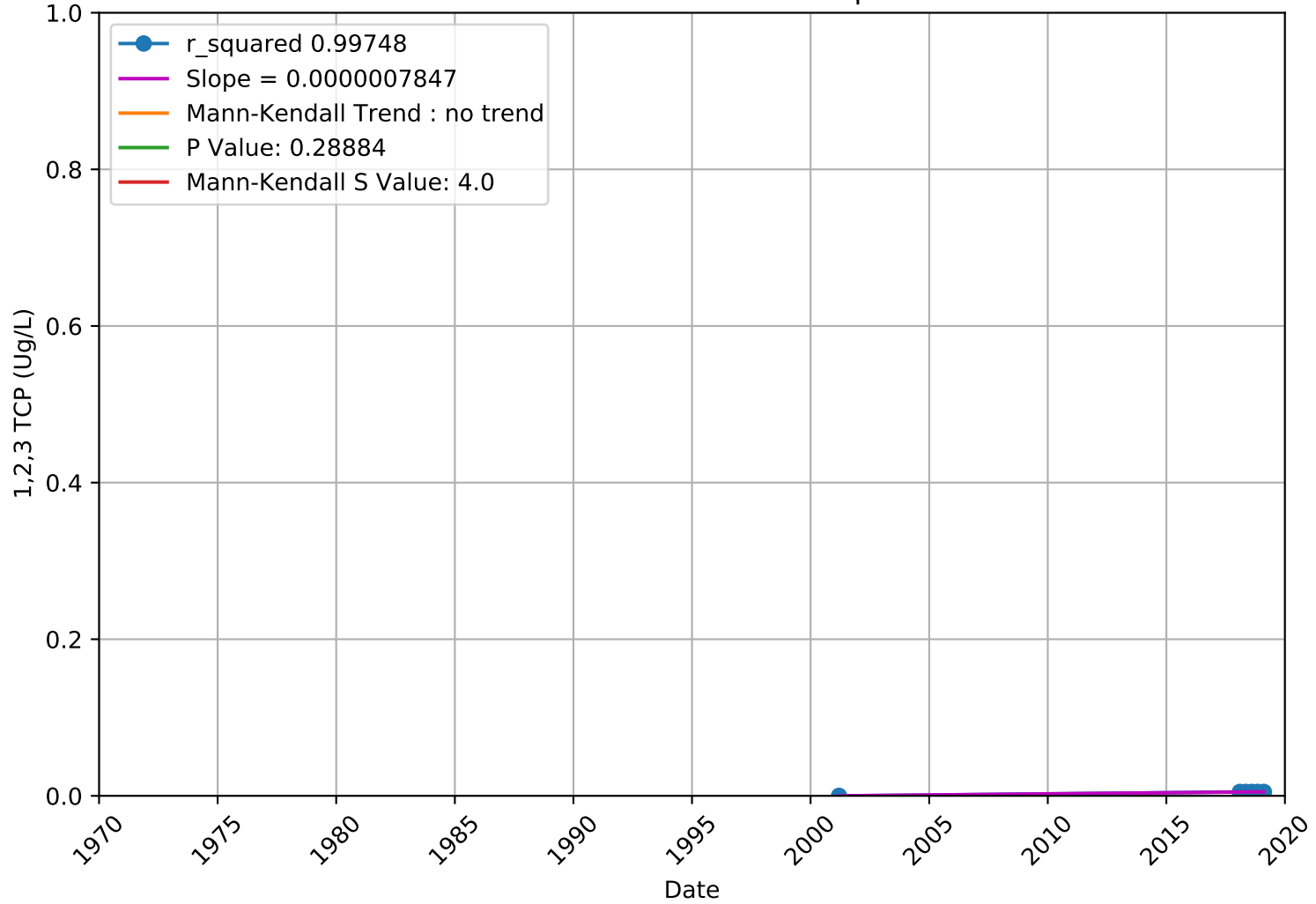
3901378-002 - Unknown Aquifer



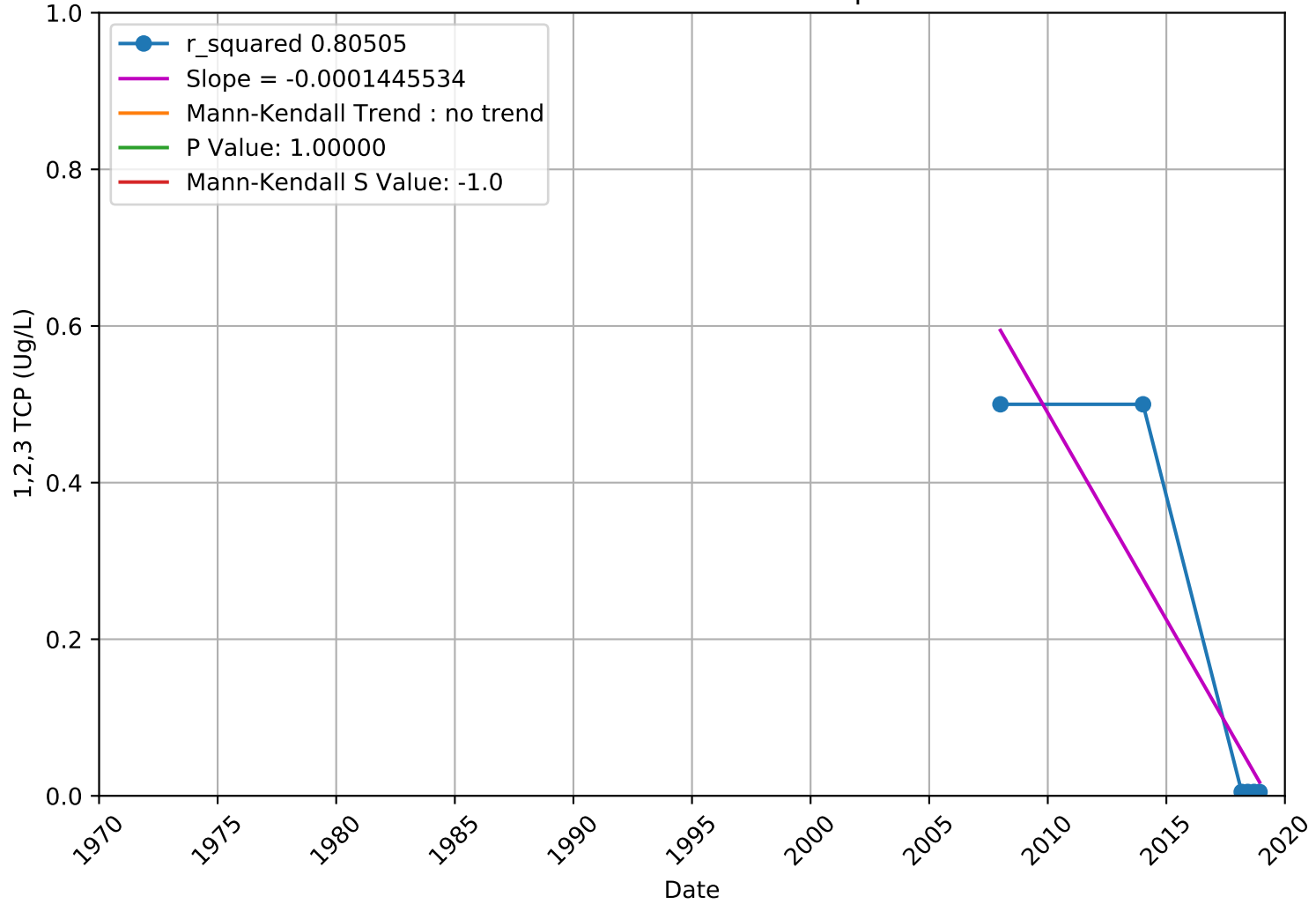
1,2,3 TCP 3901405-007 - Unknown Aquifer



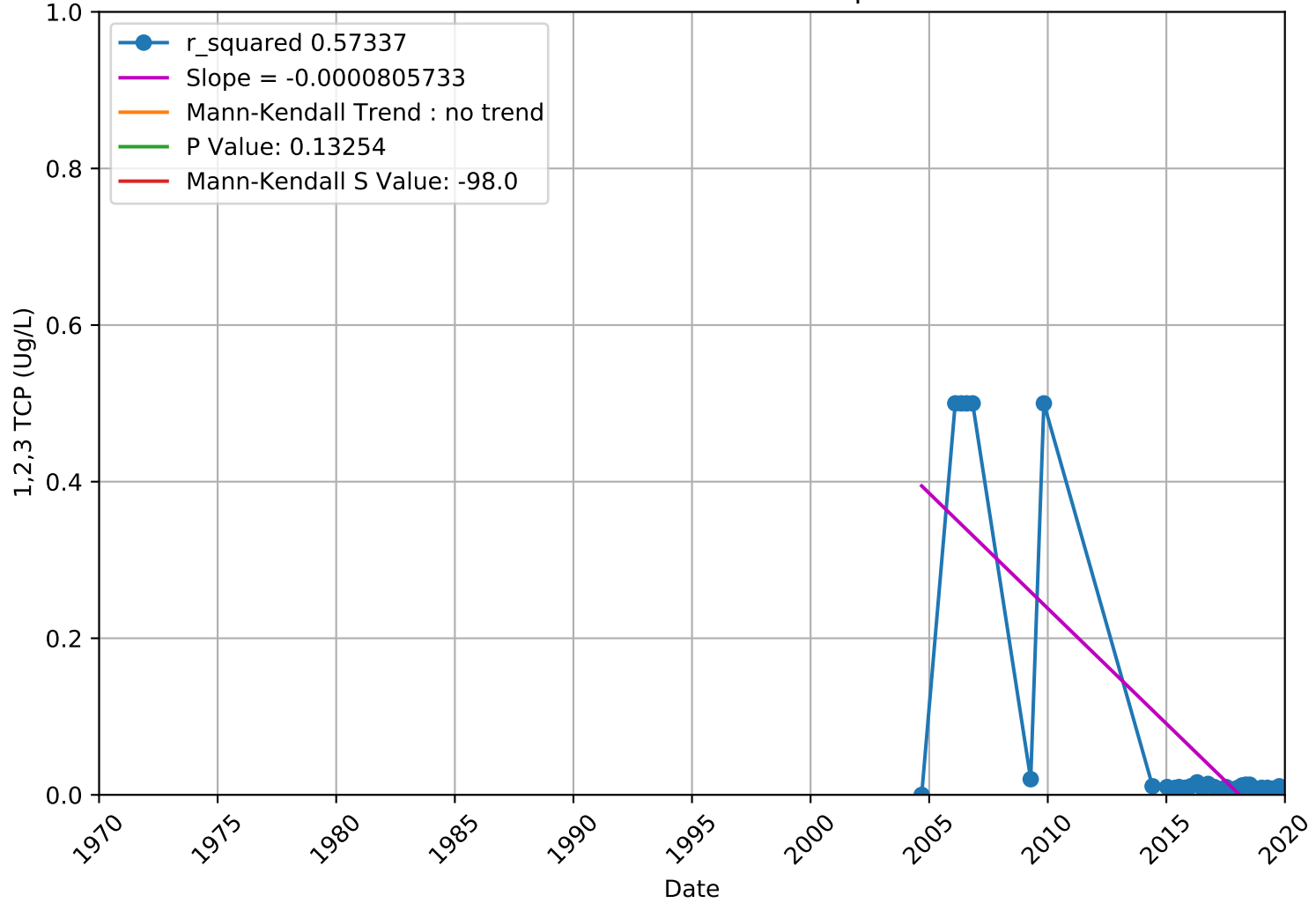
1,2,3 TCP 3901409-001 - Unknown Aquifer



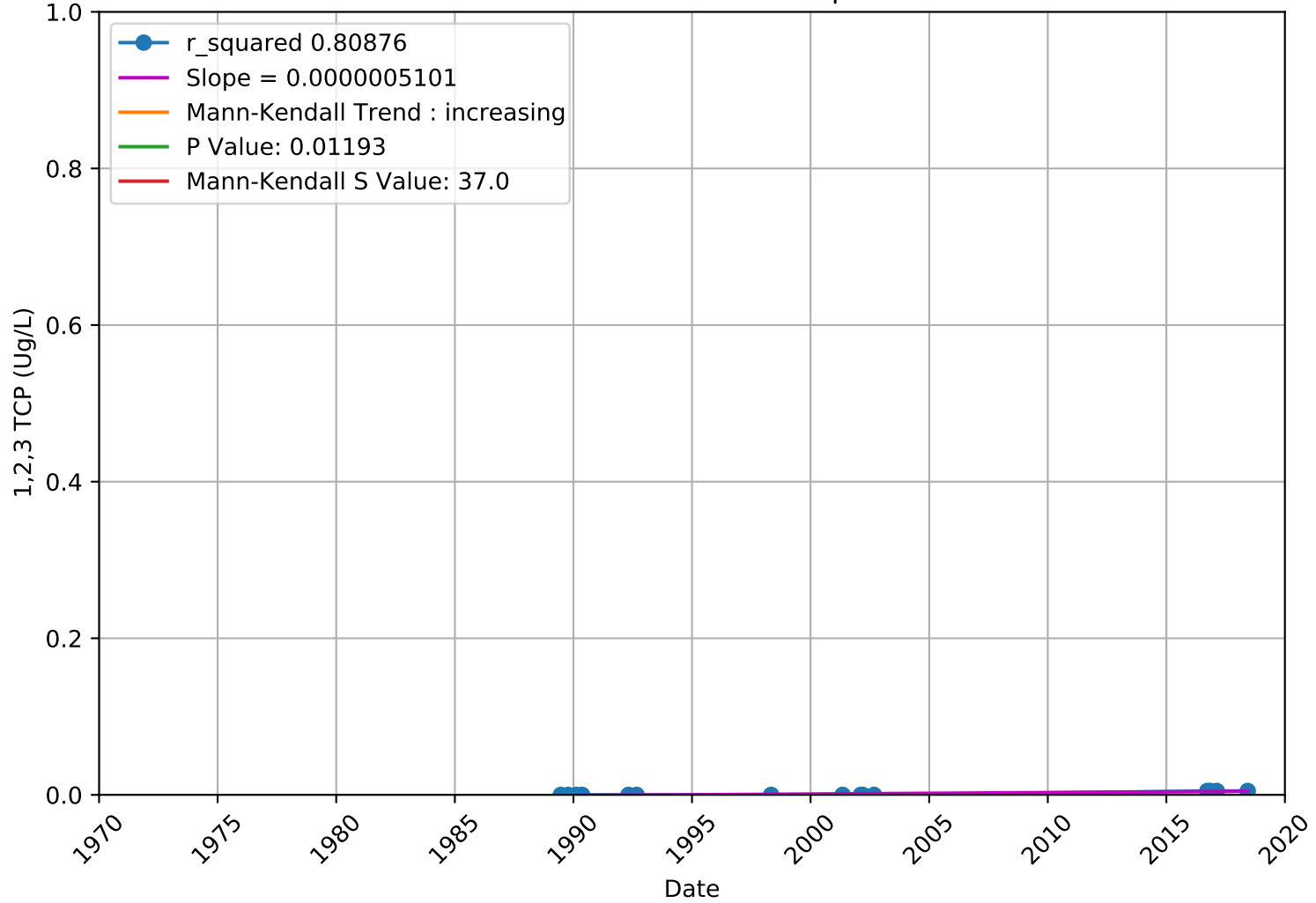
1,2,3 TCP 3901420-001 - Unknown Aquifer



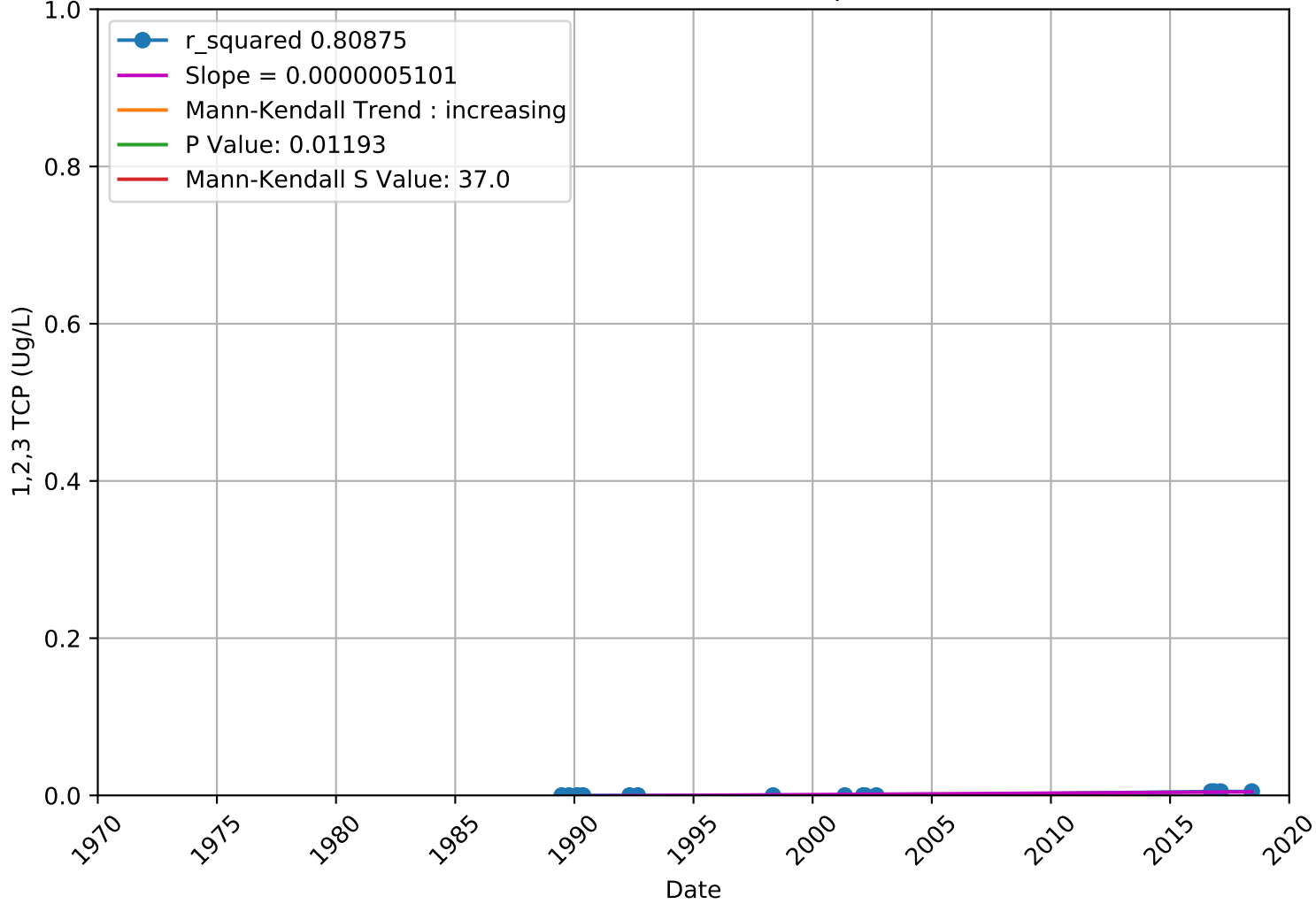
1,2,3 TCP 3910005-044 - Unknown Aquifer



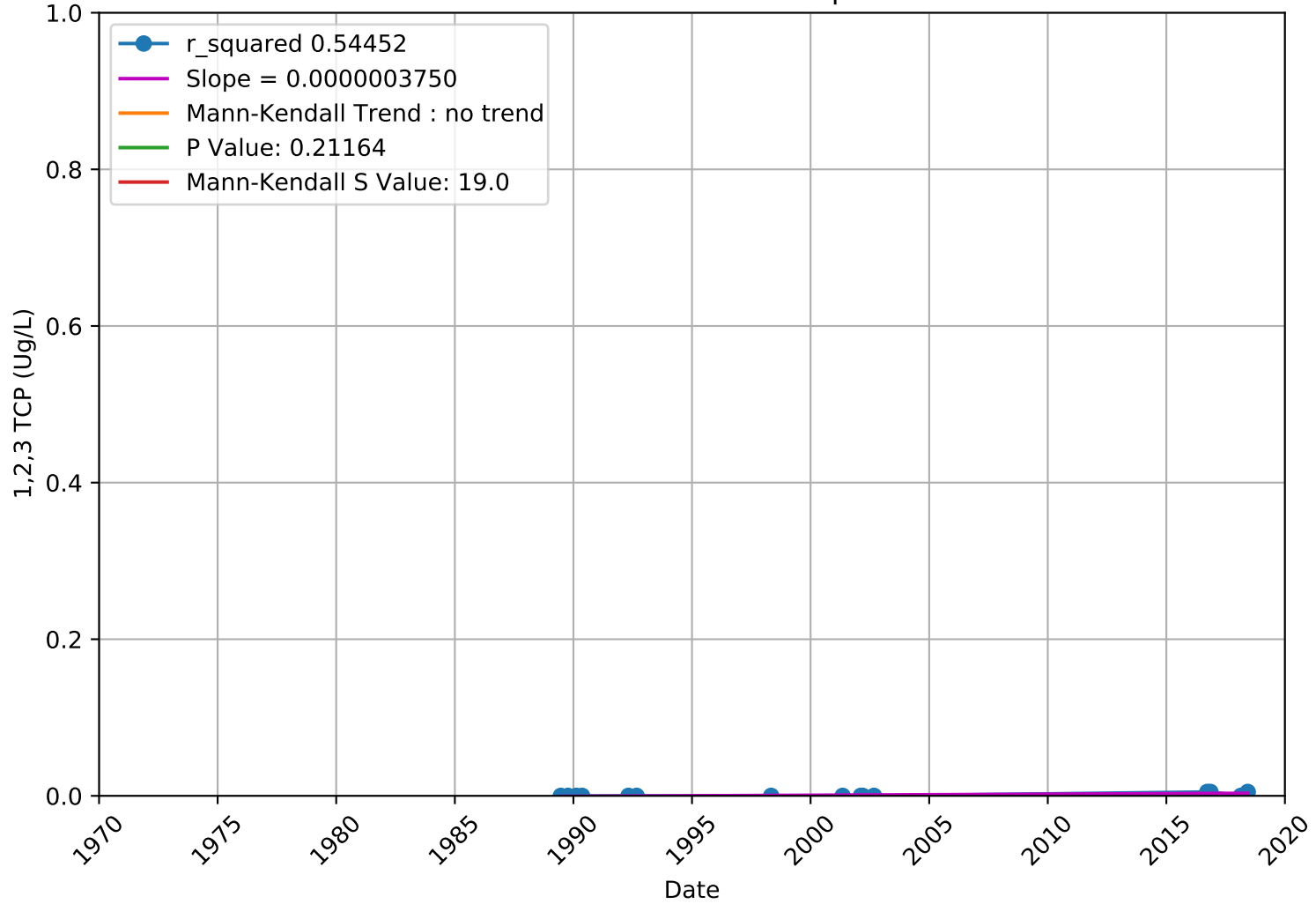
1,2,3 TCP 3910011-003 - Lower Aquifer



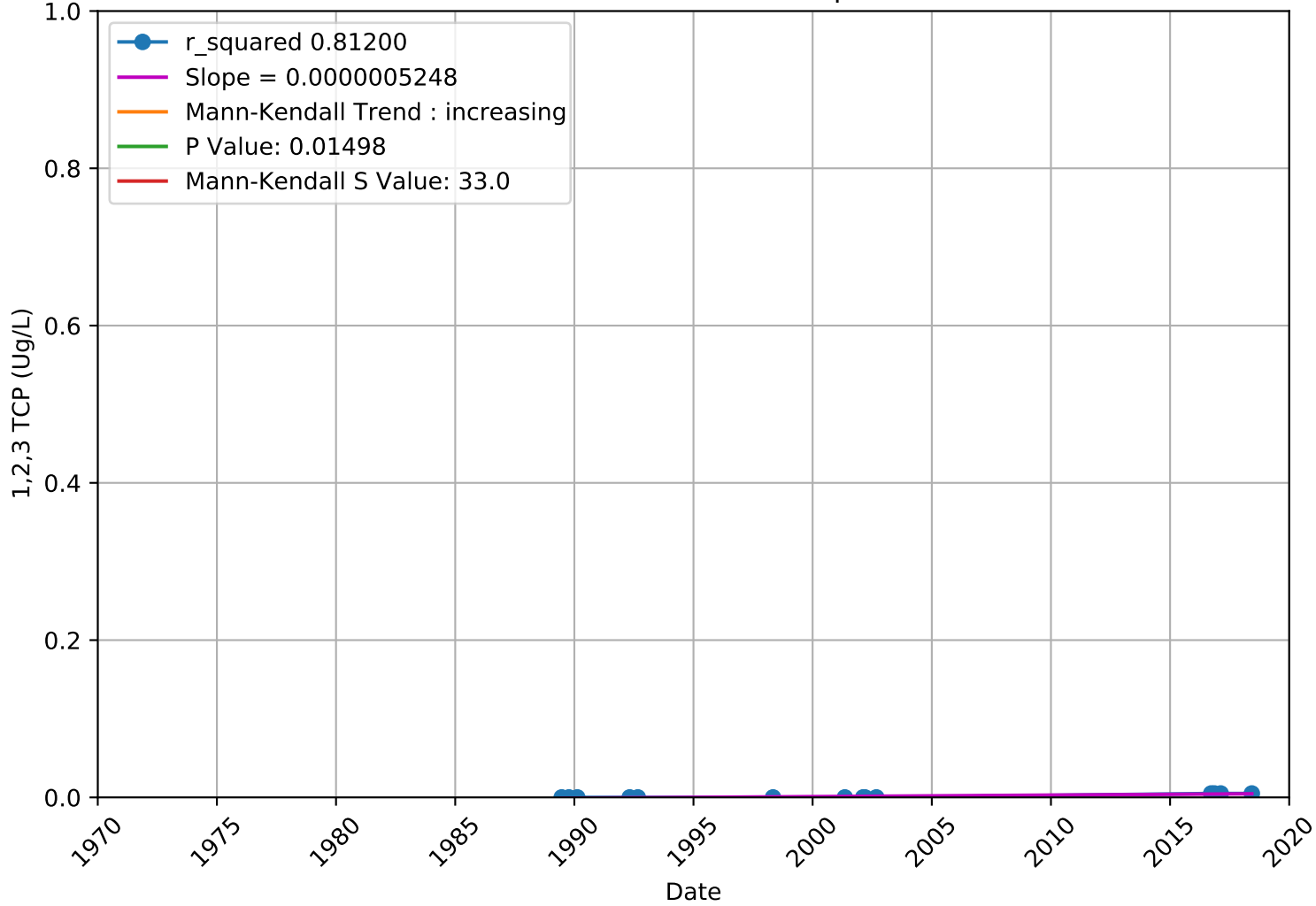
1,2,3 TCP 3910011-004 - Lower Aquifer



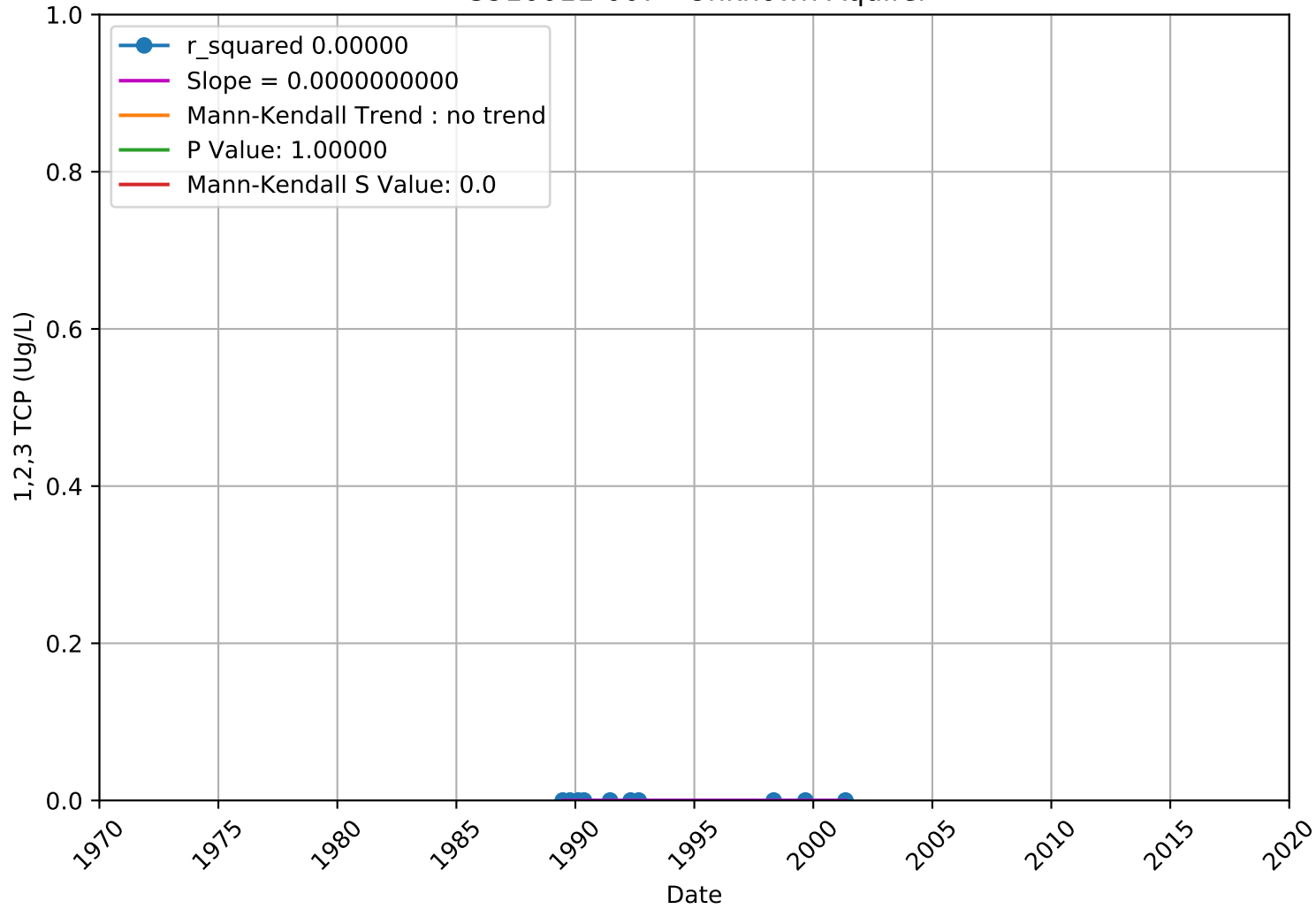
1,2,3 TCP 3910011-005 - Lower Aquifer



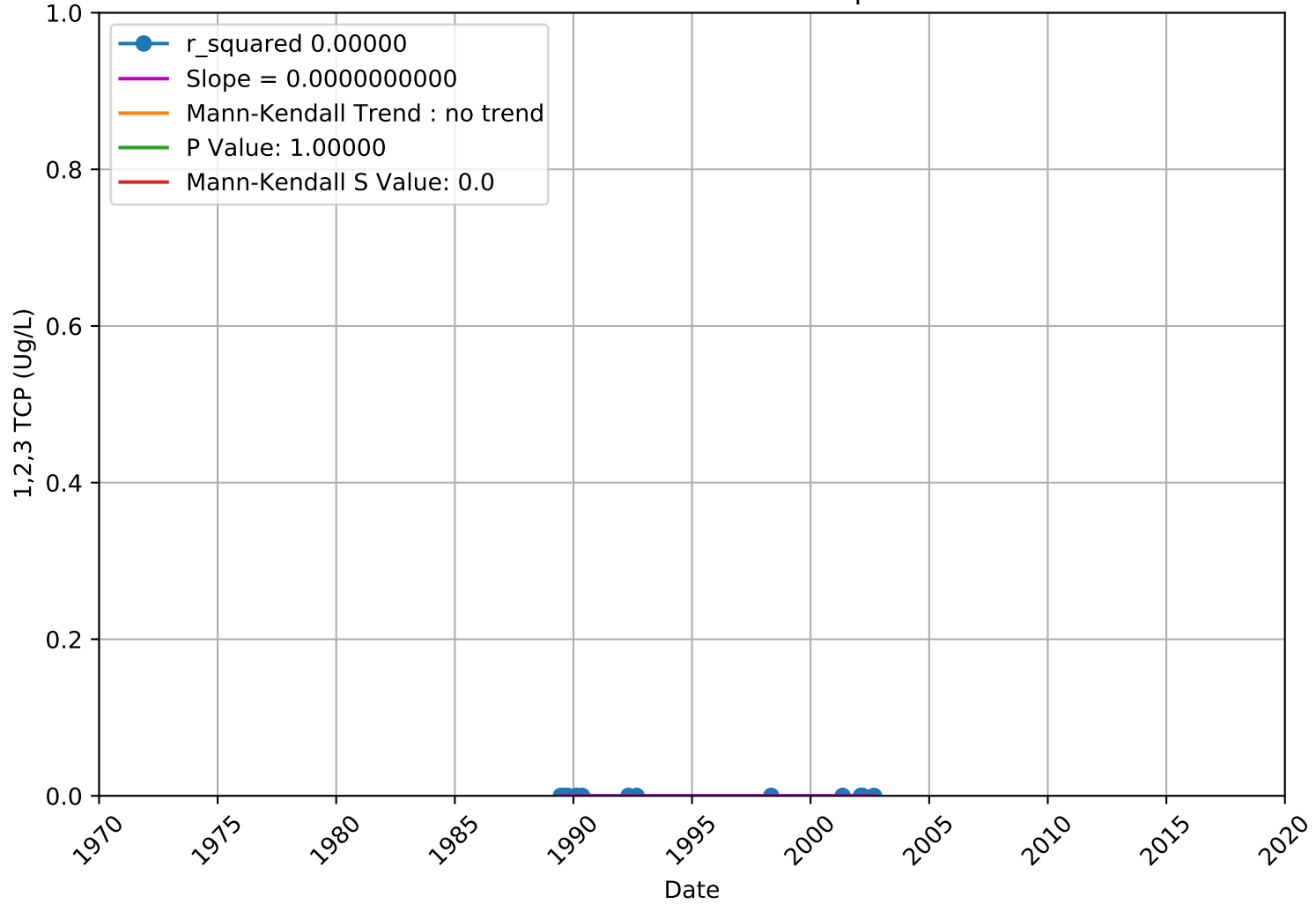
1,2,3 TCP 3910011-006 - Lower Aquifer



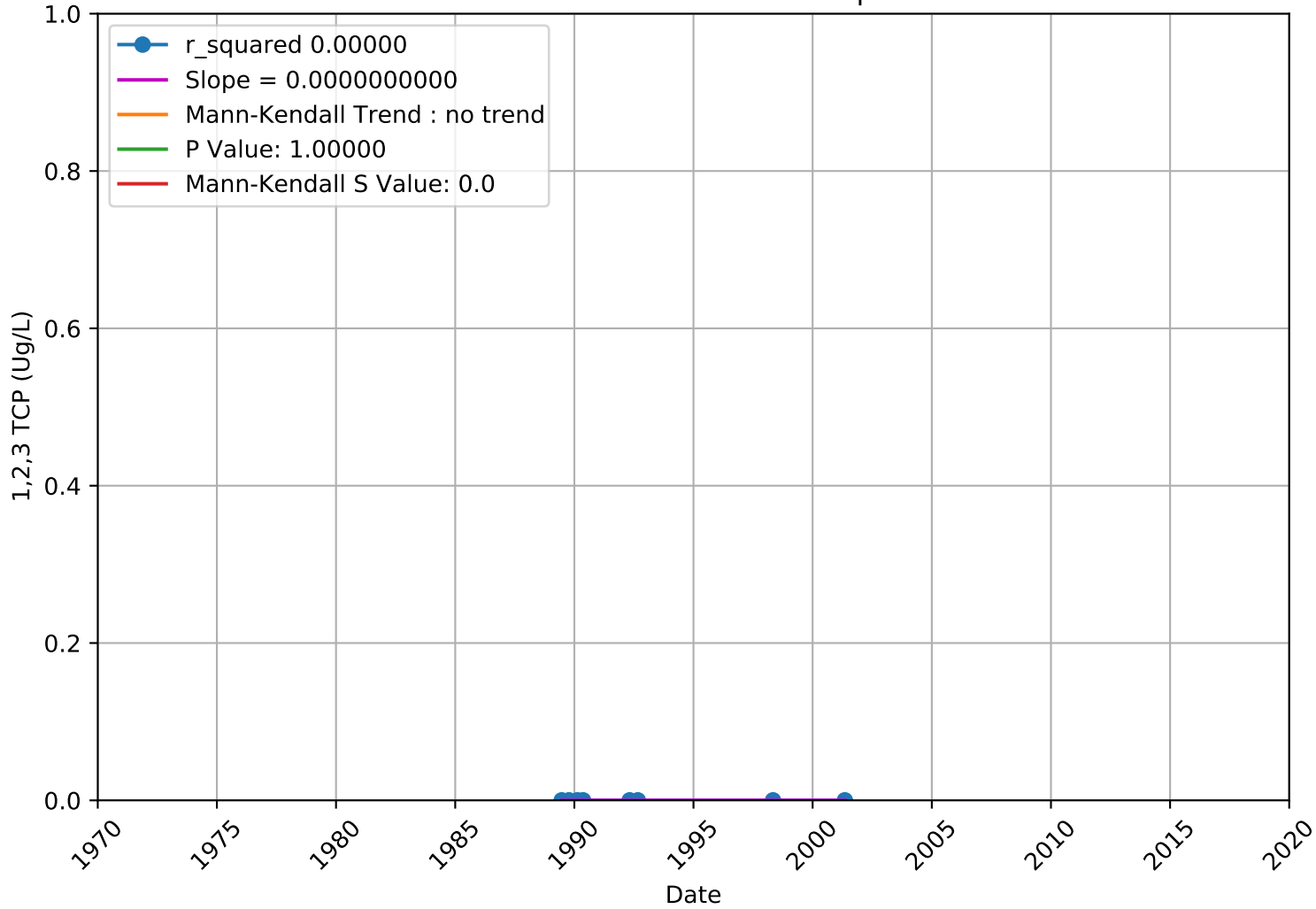
1,2,3 TCP 3910011-007 - Unknown Aquifer



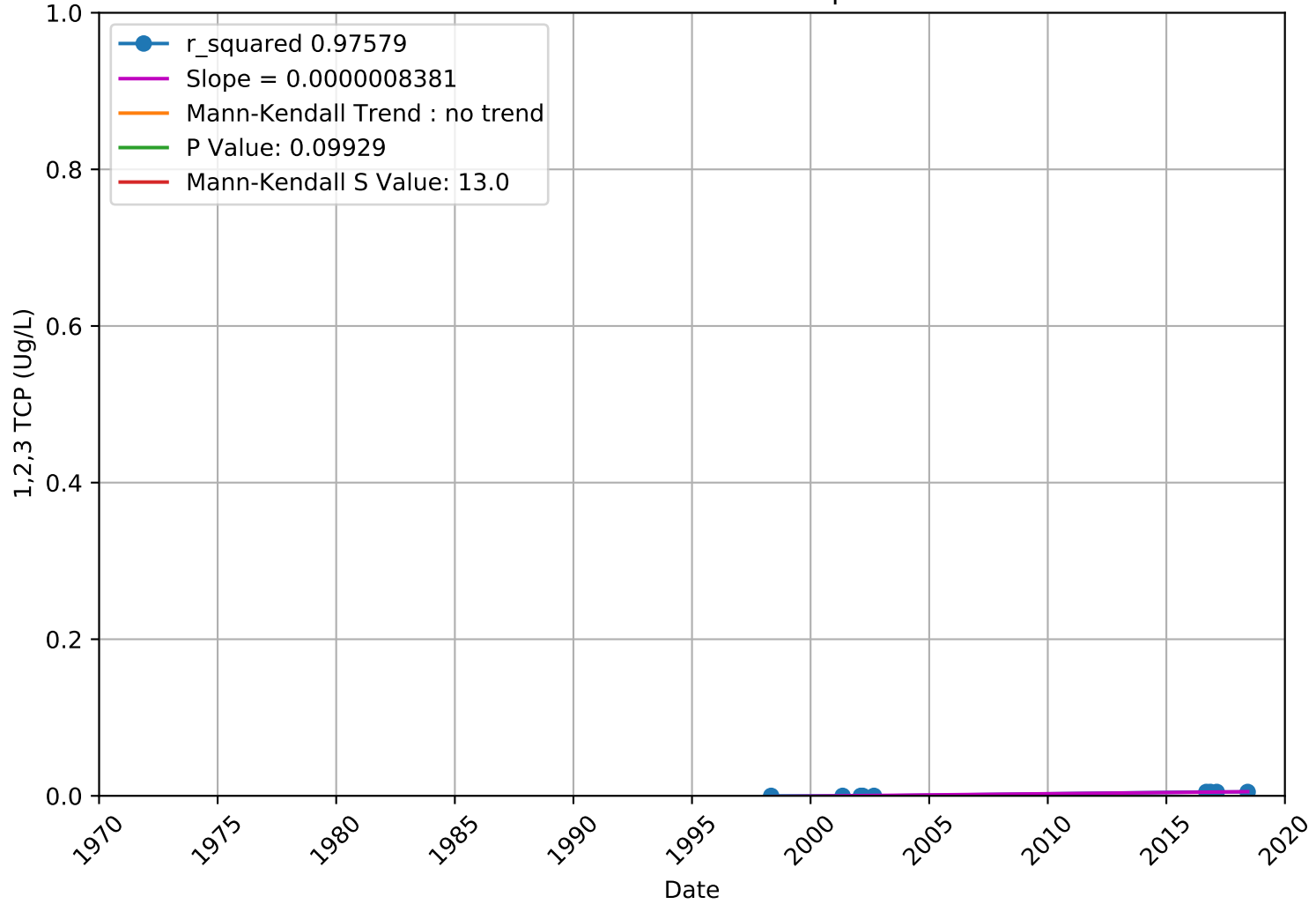
1,2,3 TCP 3910011-010 - Unknown Aquifer



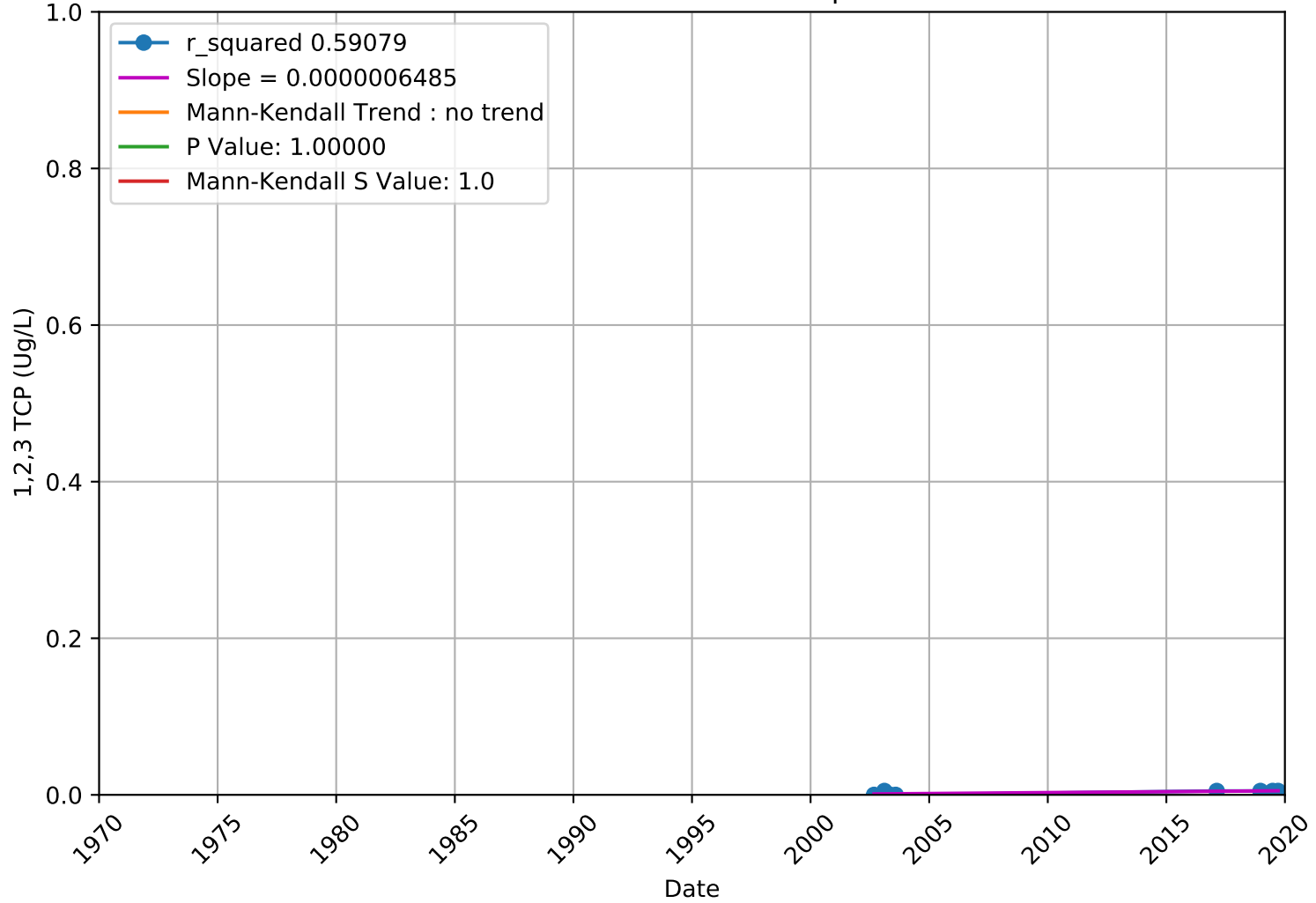
1,2,3 TCP 3910011-017 - Unknown Aquifer



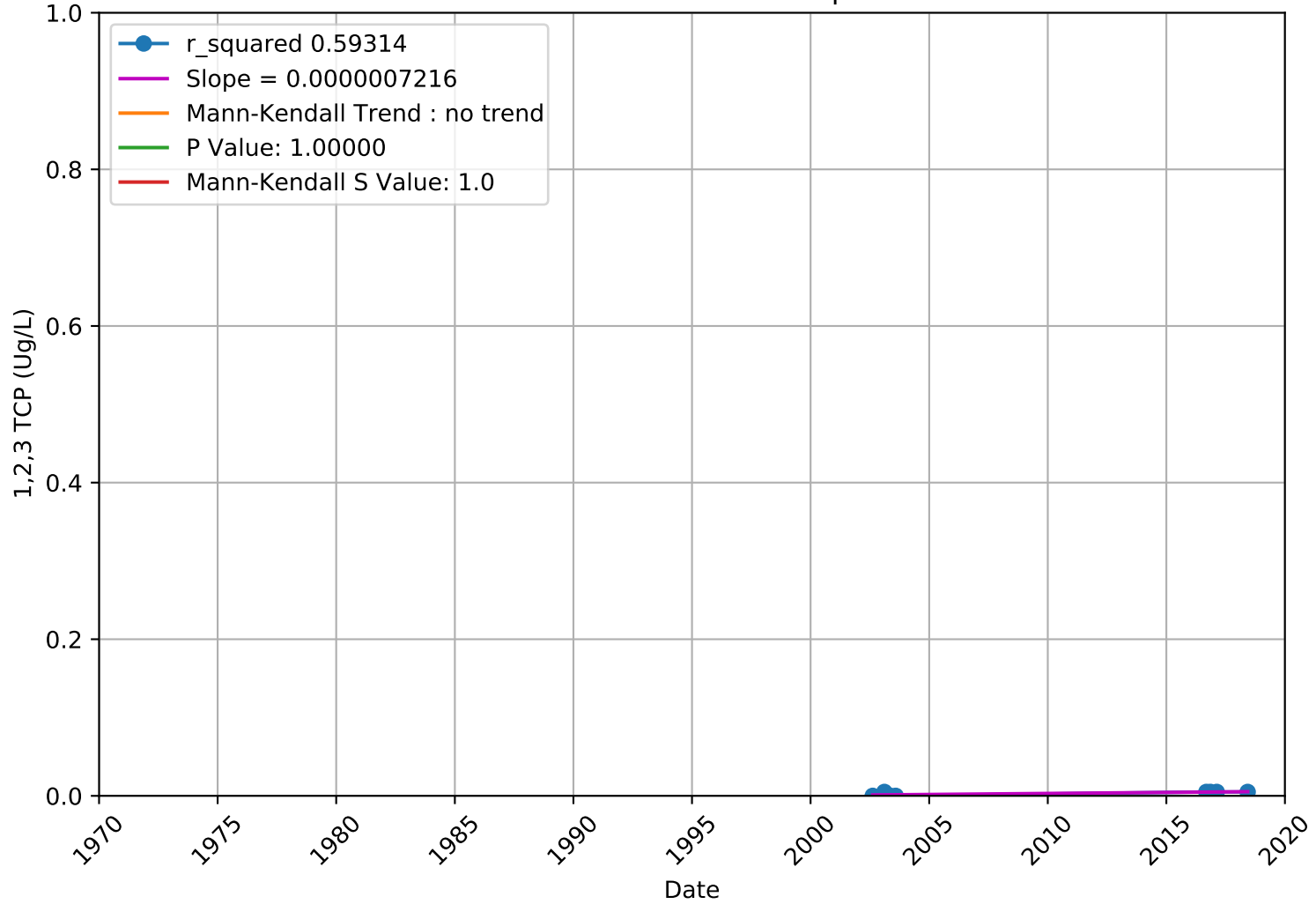
1,2,3 TCP 3910011-018 - Lower Aquifer



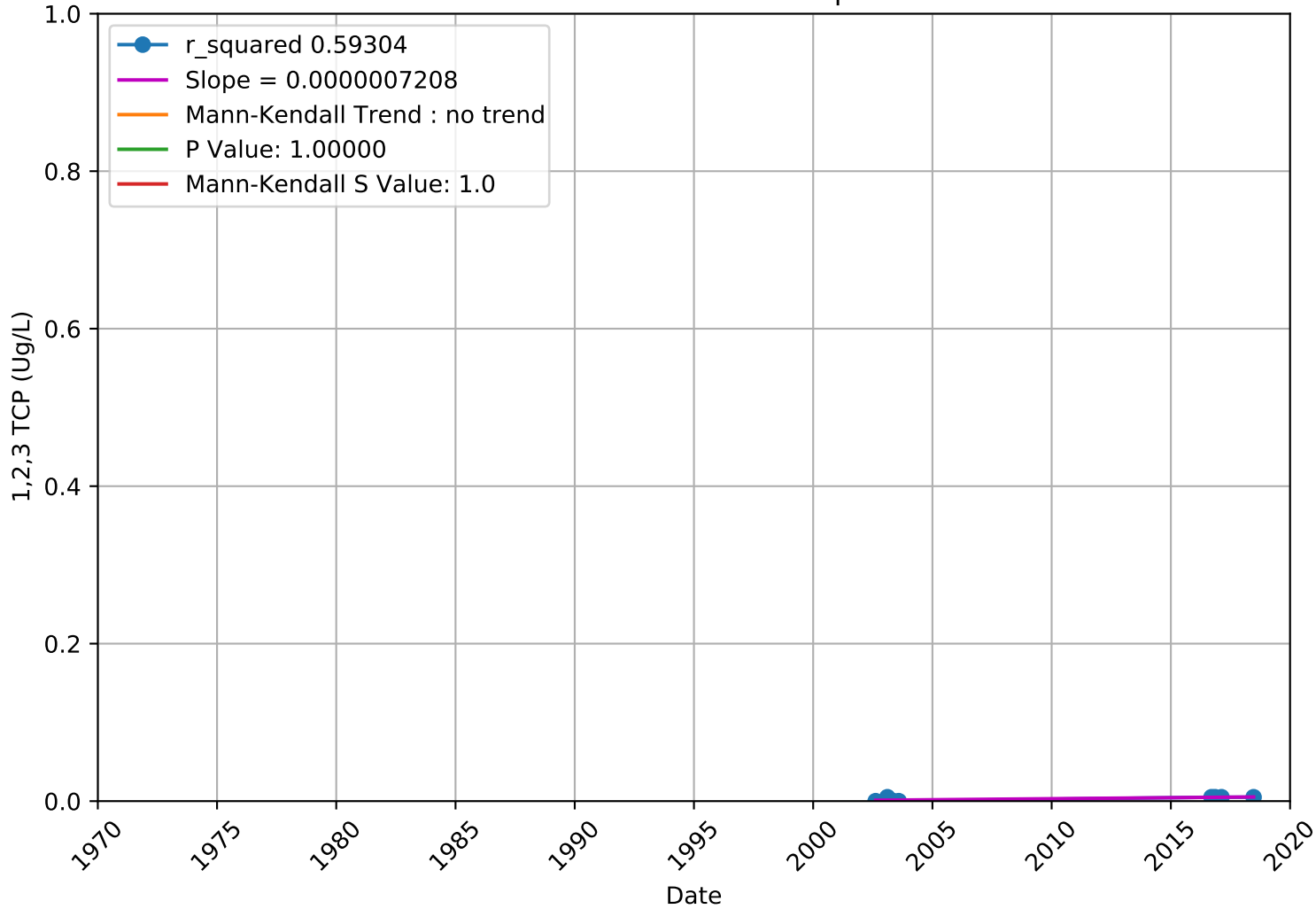
1,2,3 TCP 3910011-030 - Lower Aquifer



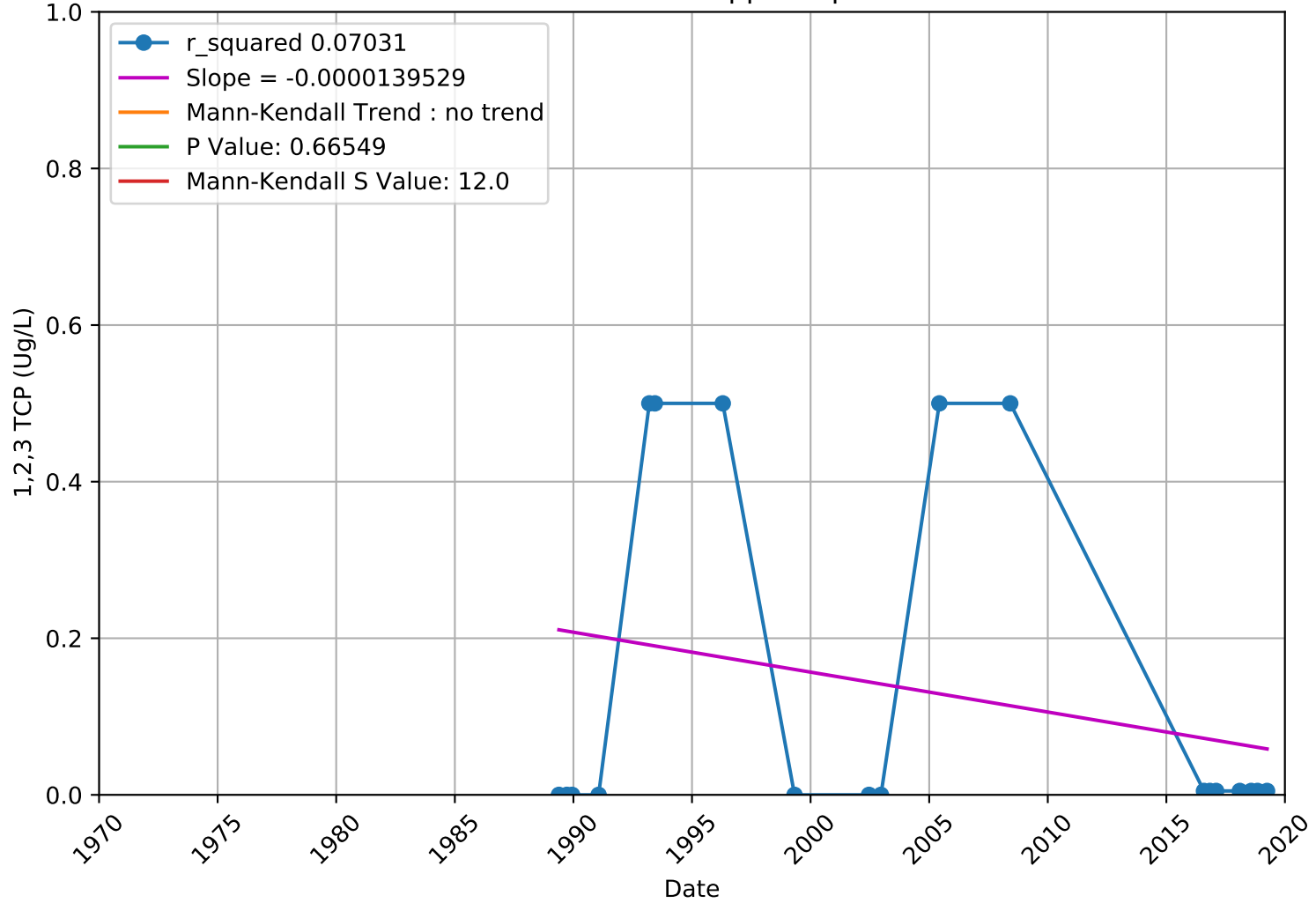
1,2,3 TCP 3910011-032 - Lower Aquifer



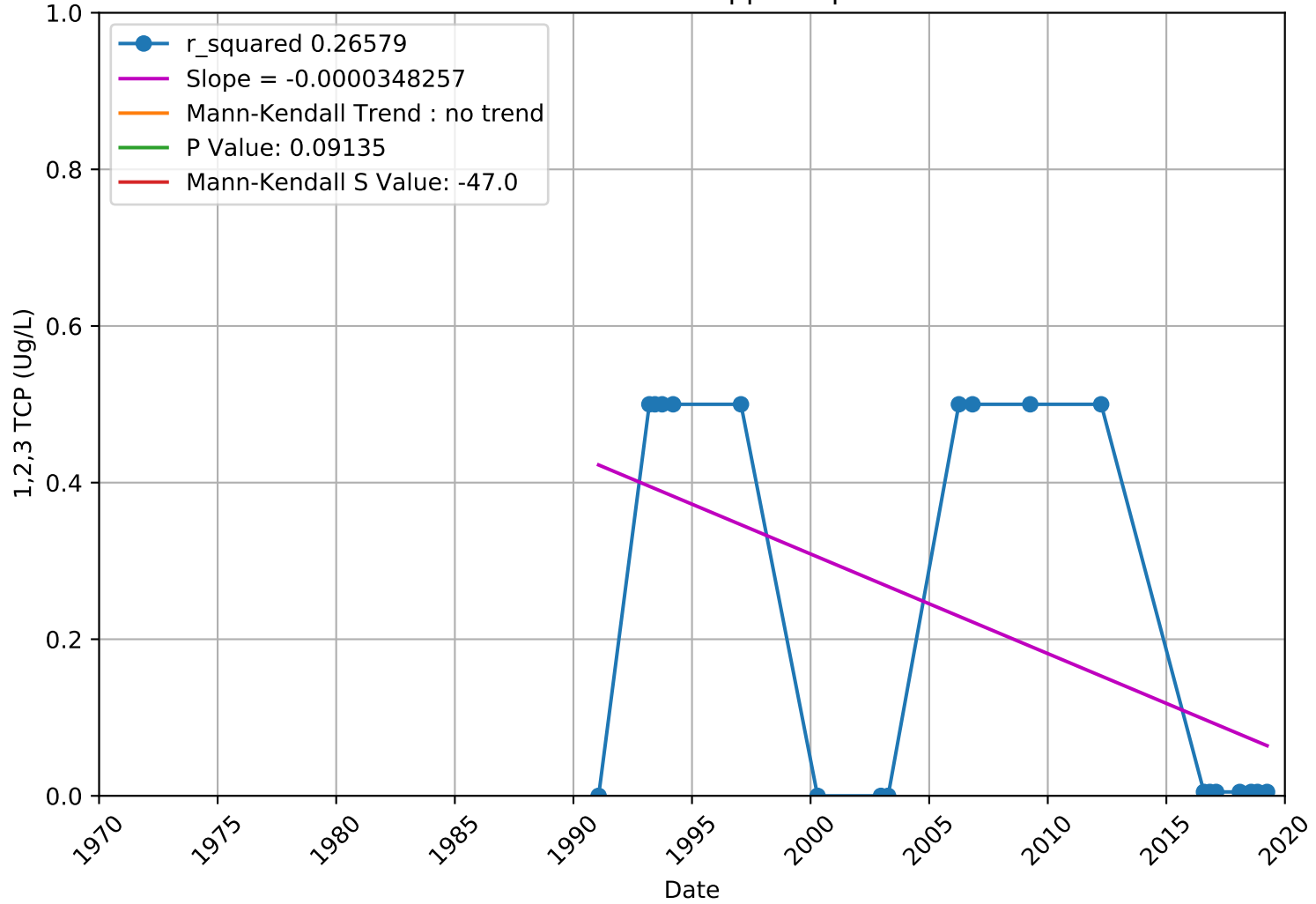
1,2,3 TCP 3910011-034 - Lower Aquifer



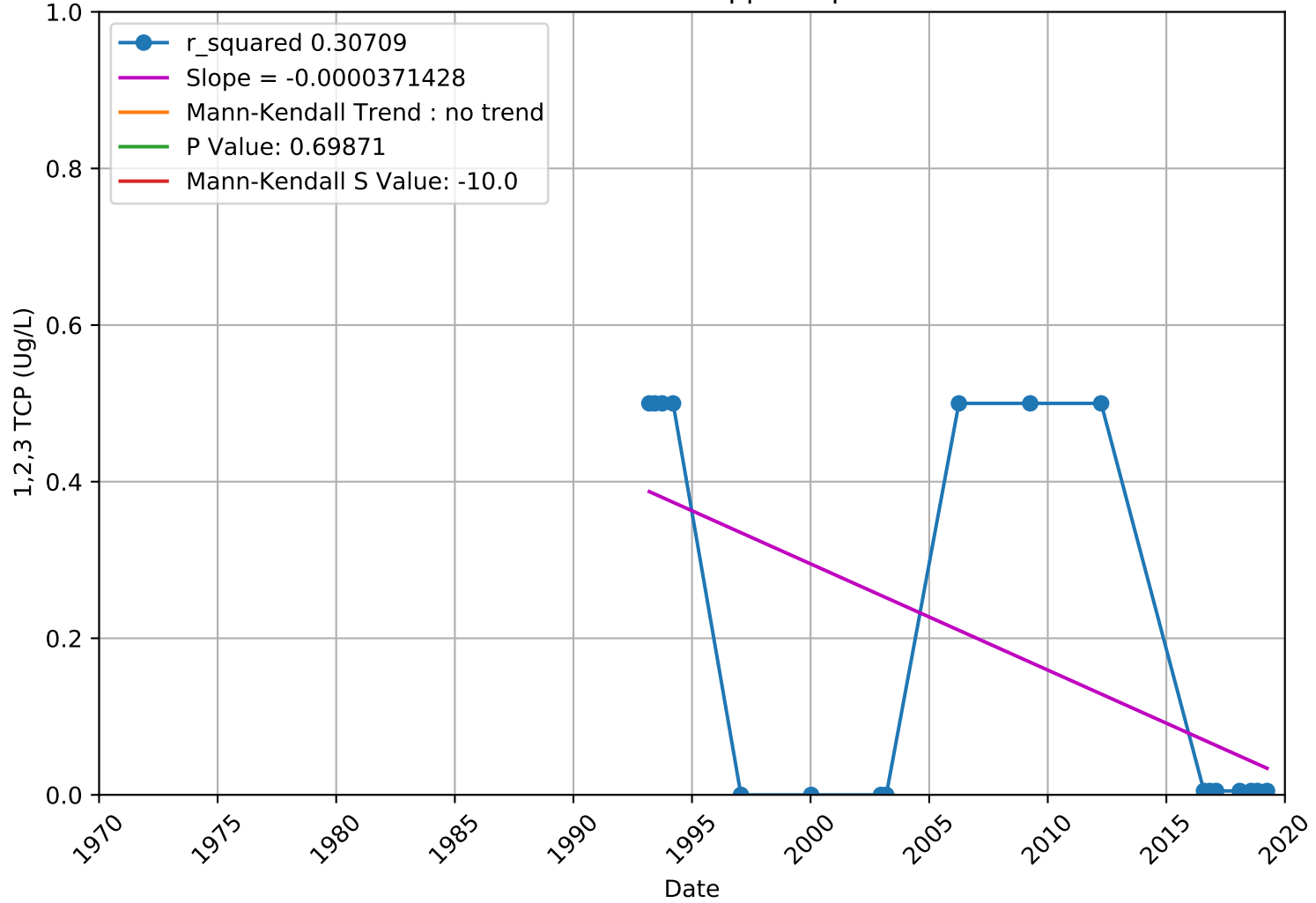
1,2,3 TCP 3910015-005 - Upper Aquifer



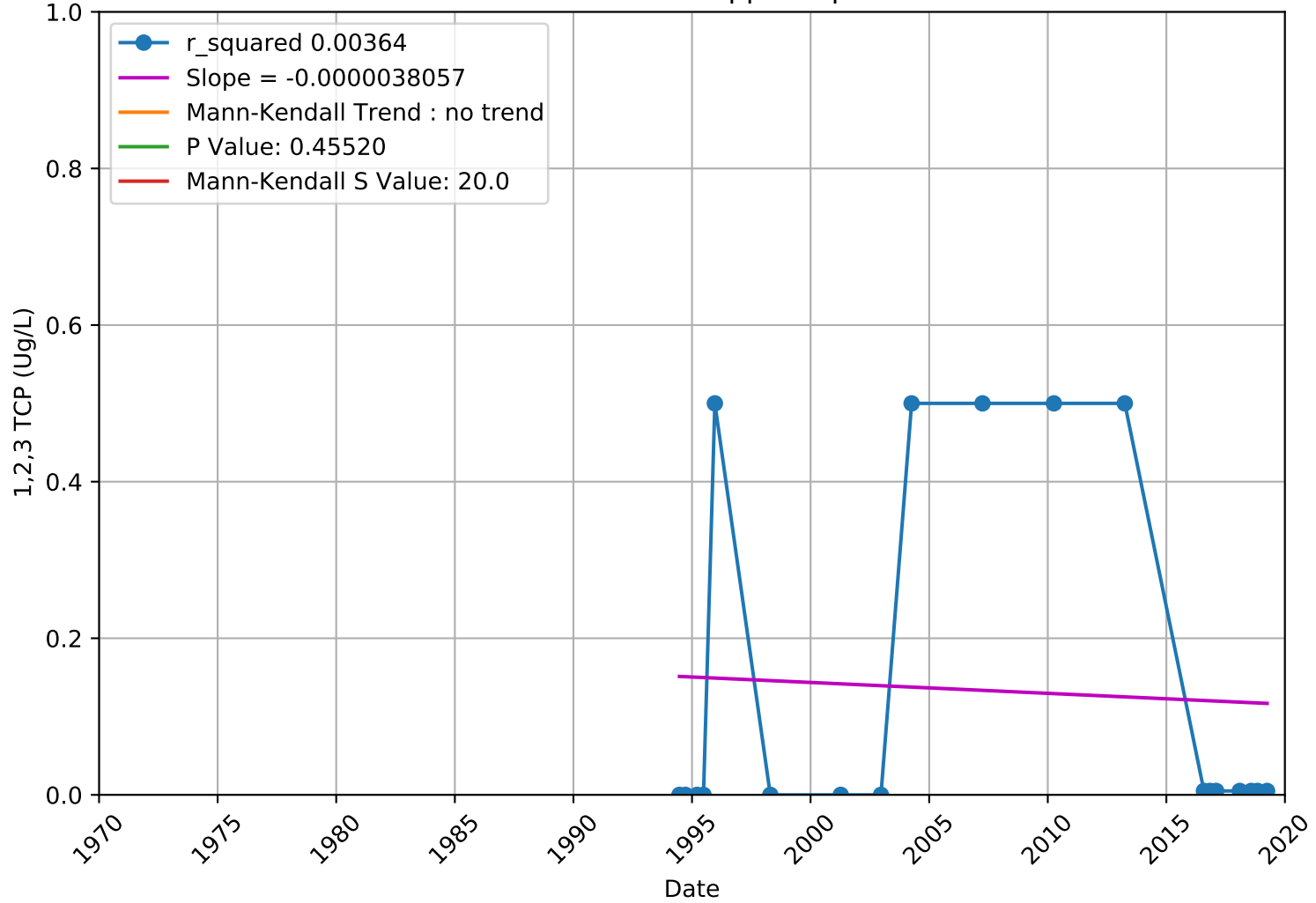
1,2,3 TCP 3910015-006 - Upper Aquifer



1,2,3 TCP 3910015-007 - Upper Aquifer

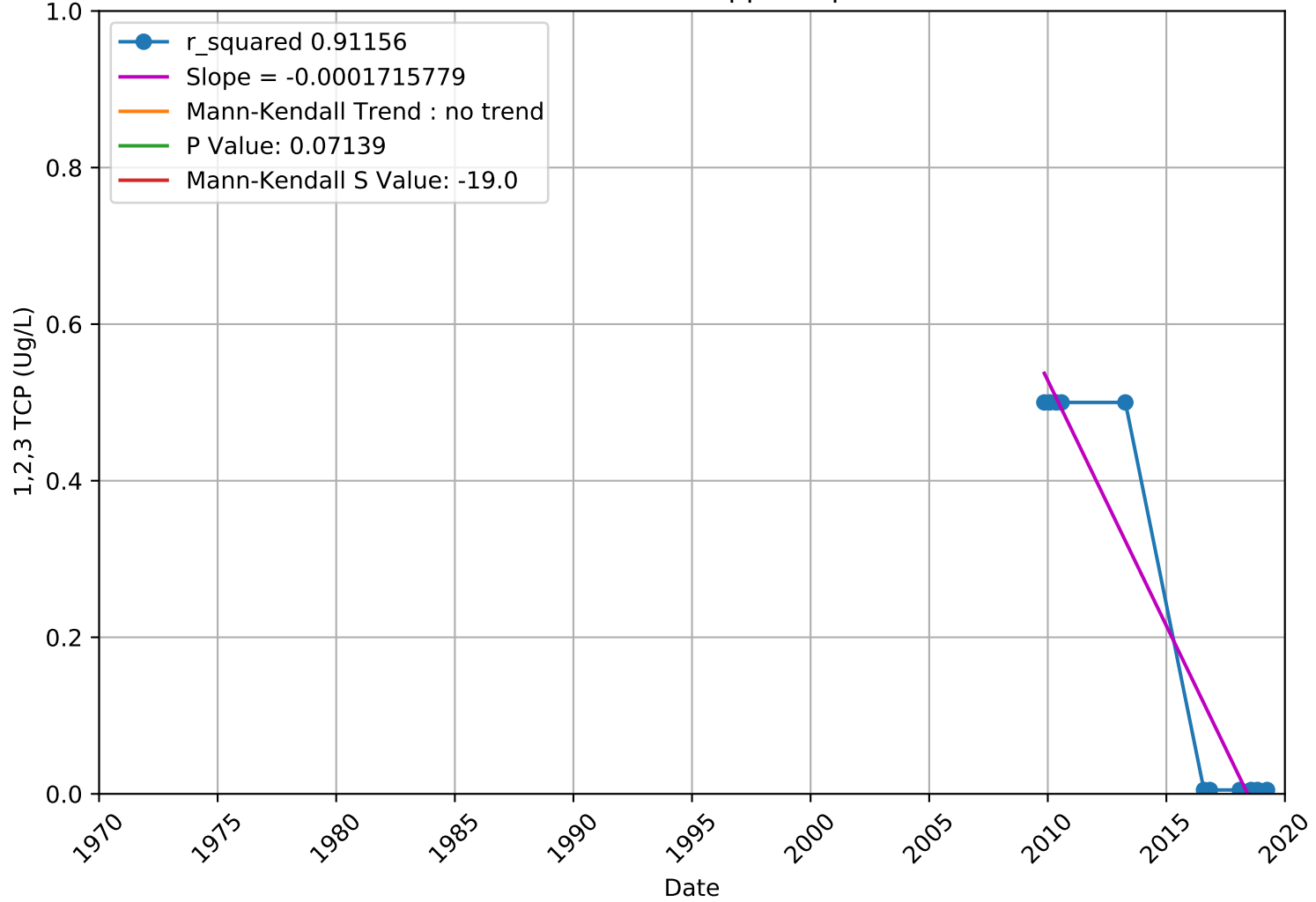


1,2,3 TCP 3910015-008 - Upper Aquifer

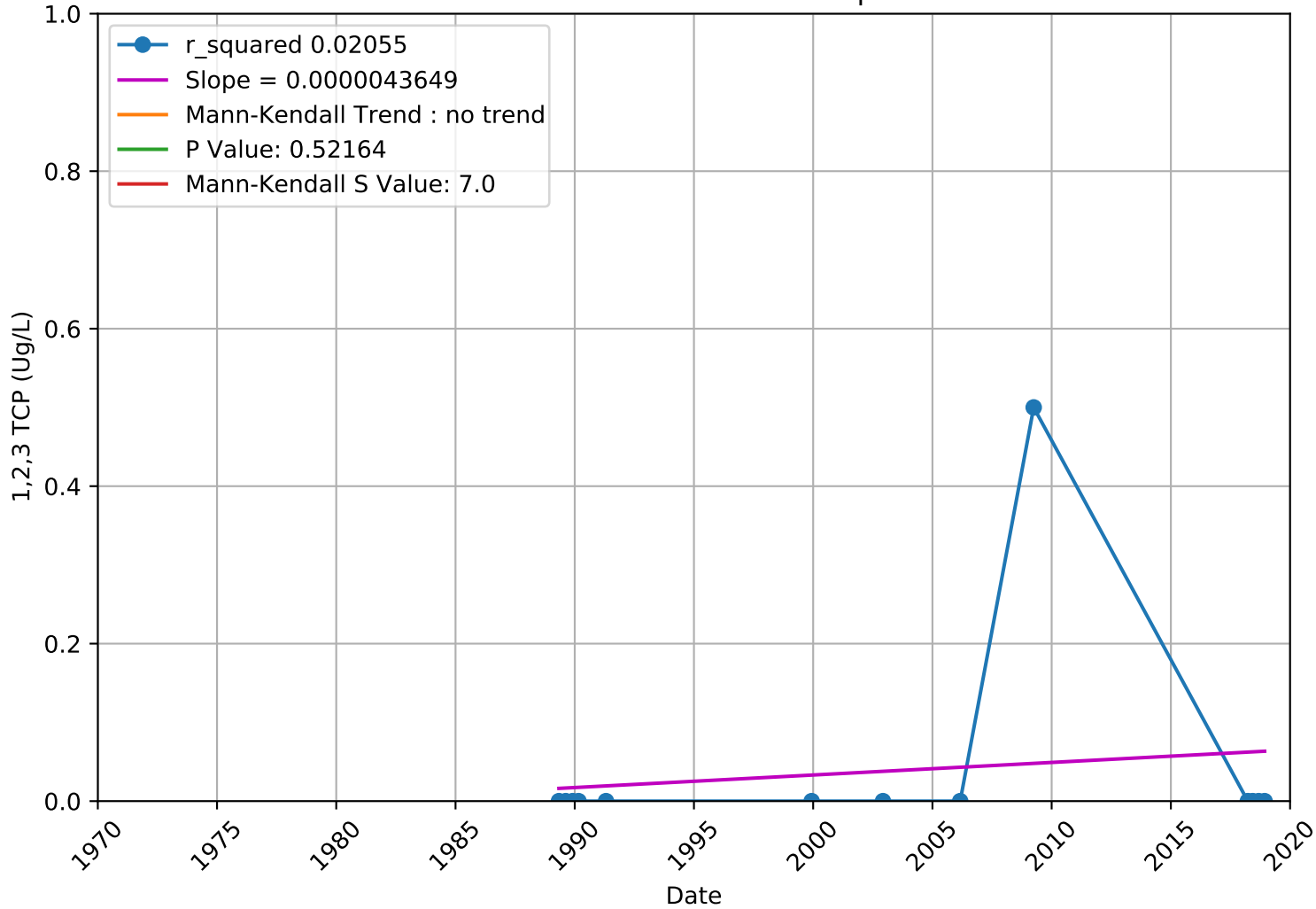


1,2,3 TCP

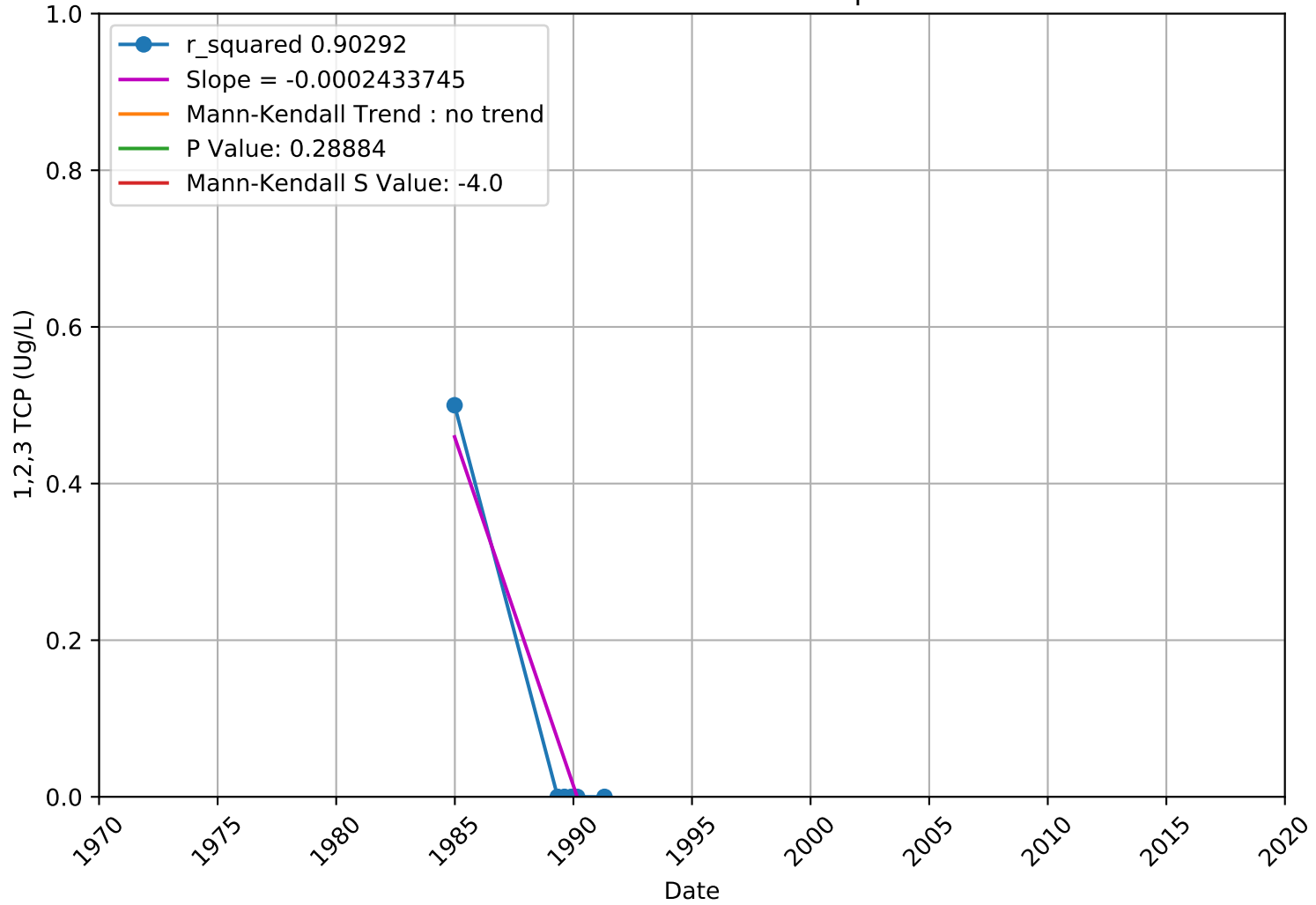
3910015-016 - Upper Aquifer



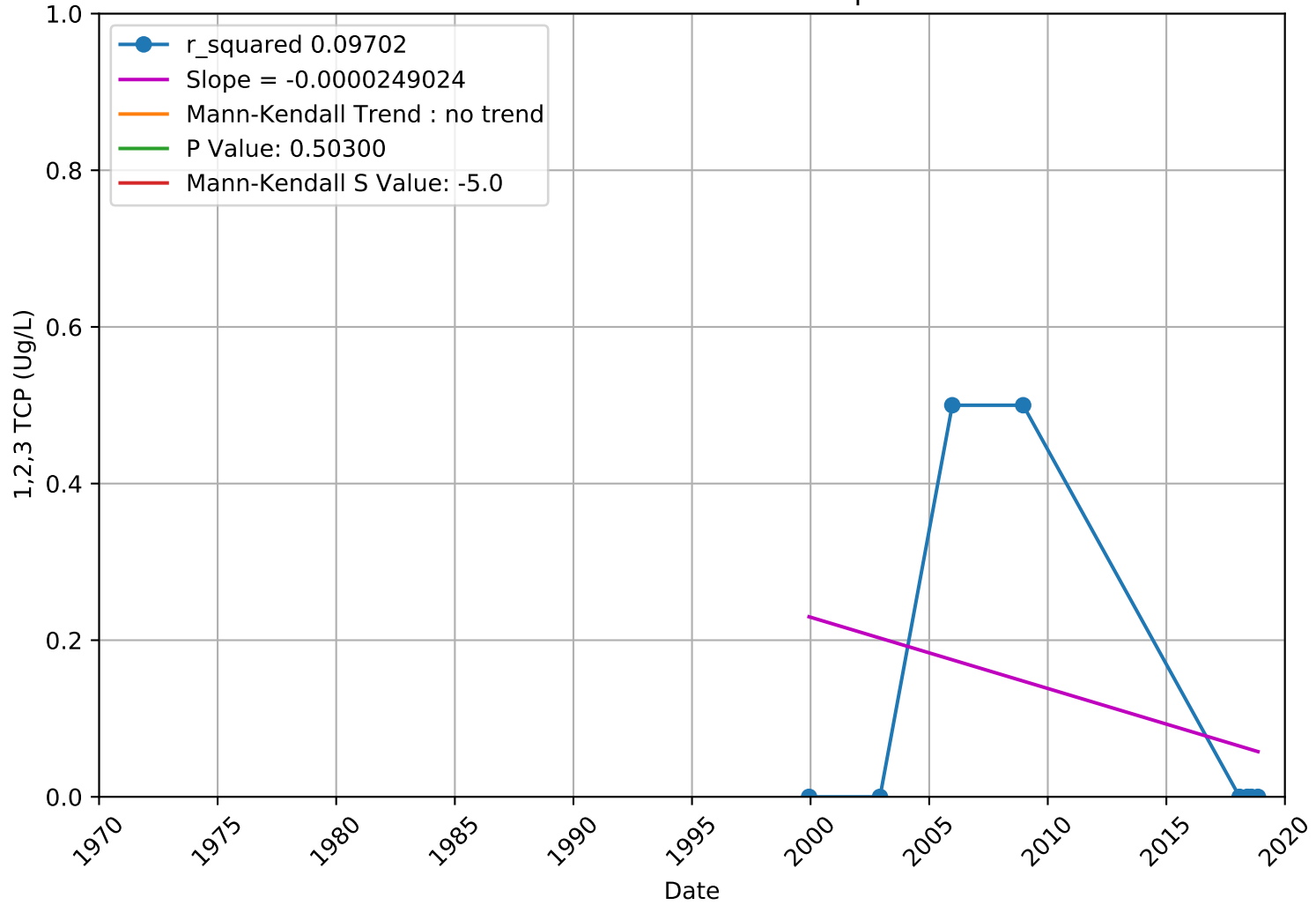
1,2,3 TCP 3910018-001 - Unknown Aquifer



1,2,3 TCP 3910018-002 - Unknown Aquifer

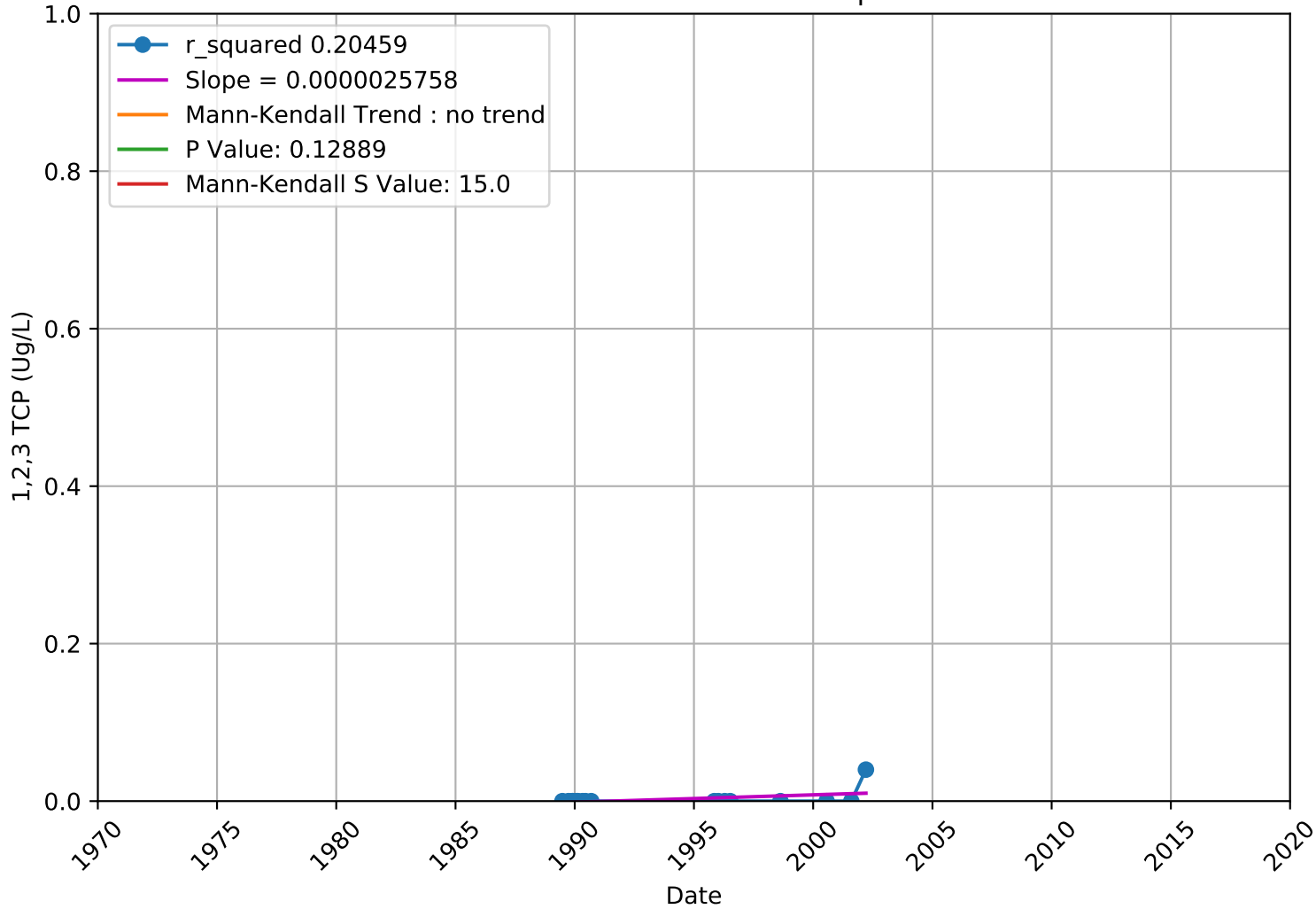


1,2,3 TCP 3910018-004 - Unknown Aquifer

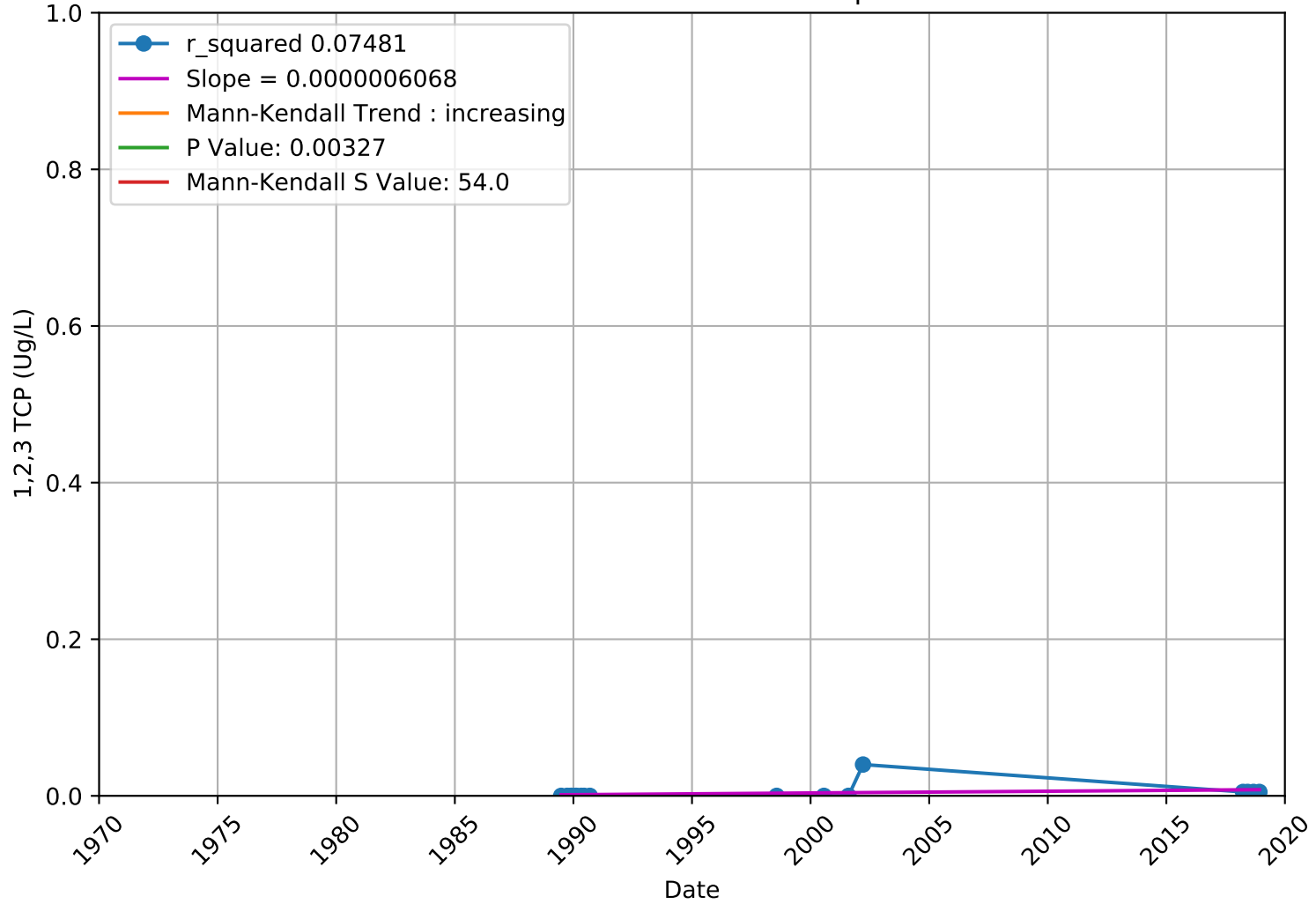


1,2,3 TCP

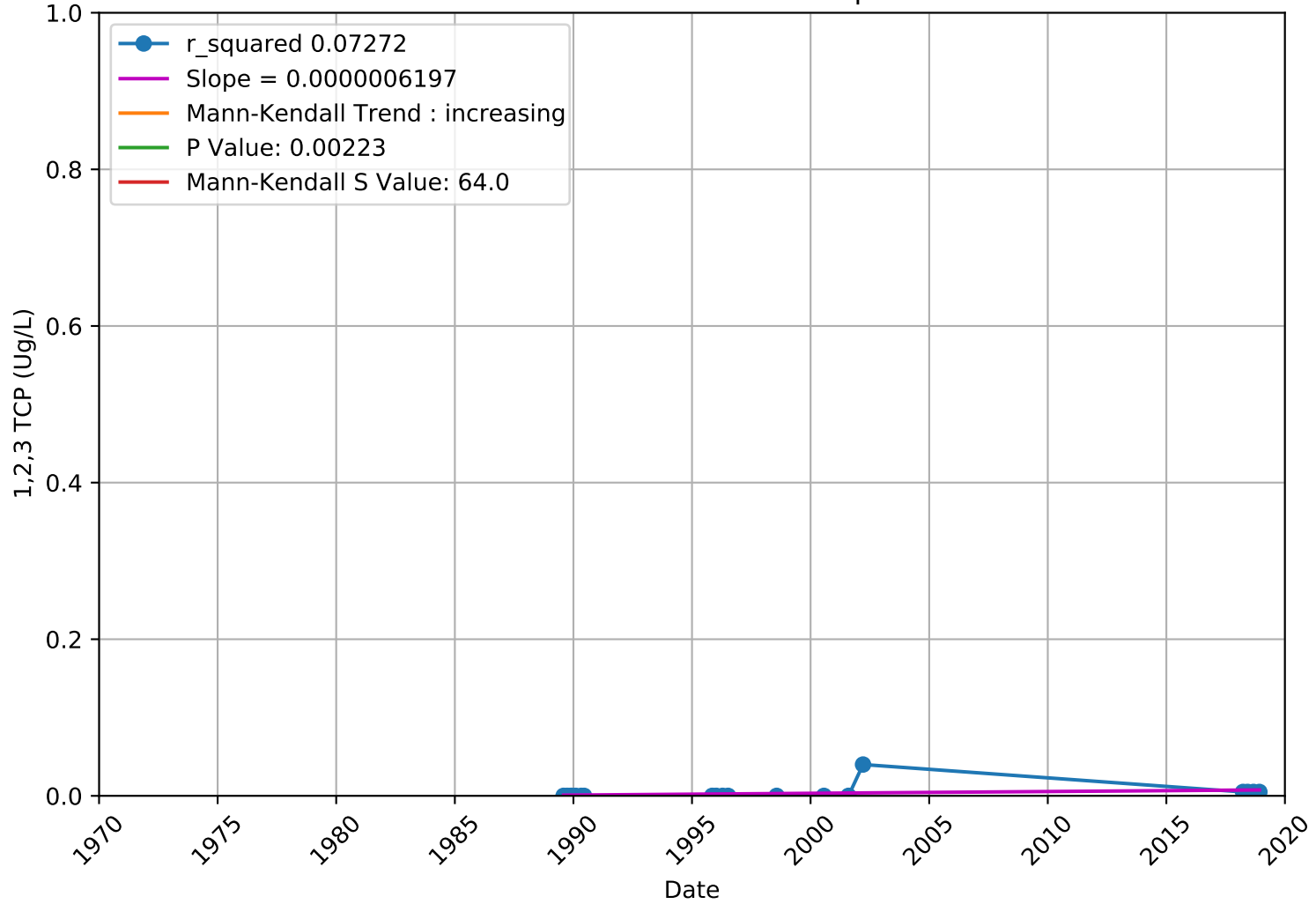
3910701-001 - Unknown Aquifer



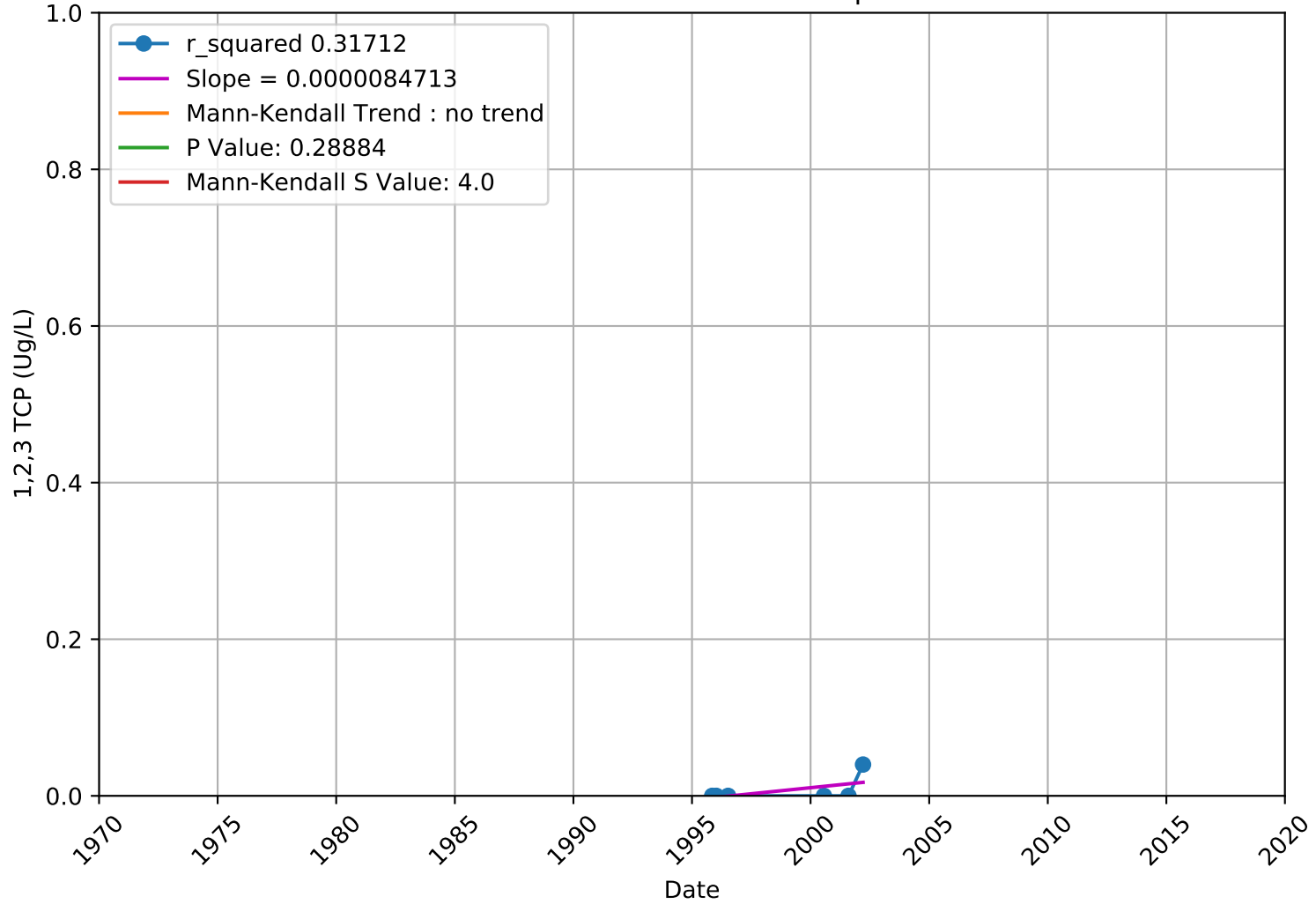
1,2,3 TCP 3910701-003 - Unknown Aquifer



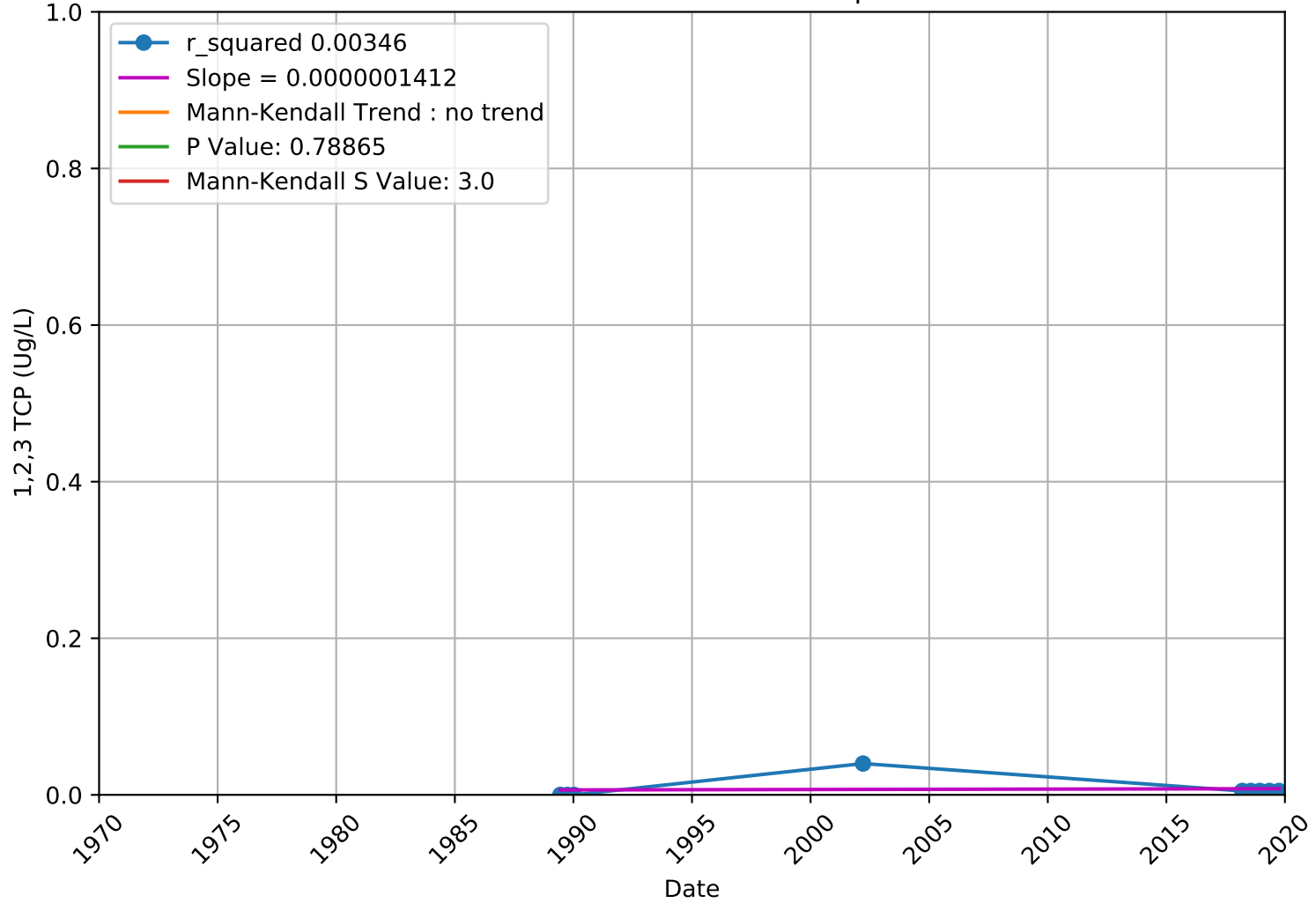
1,2,3 TCP 3910701-005 - Unknown Aquifer



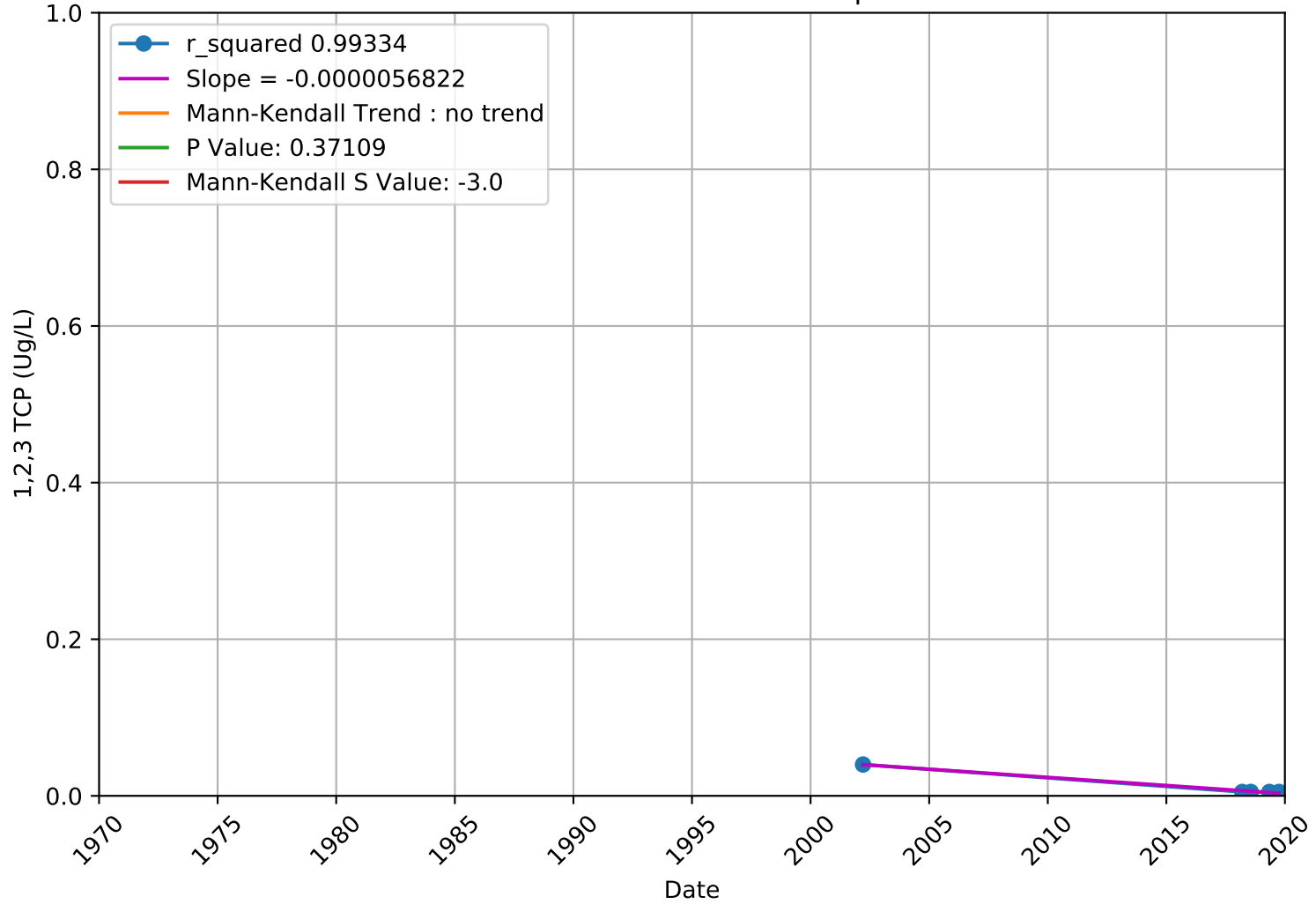
1,2,3 TCP 3910701-007 - Unknown Aquifer



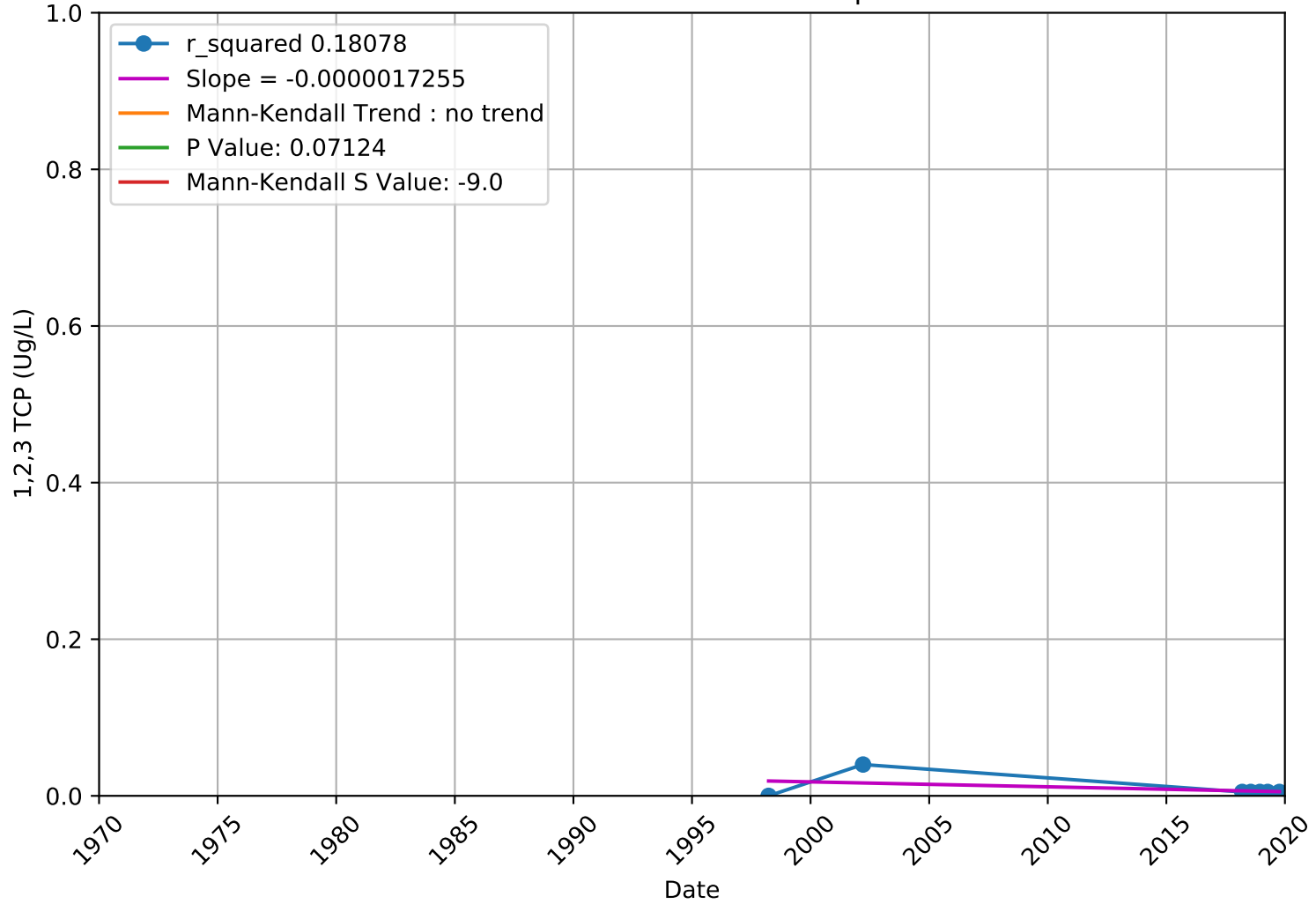
1,2,3 TCP 3910702-003 - Unknown Aquifer



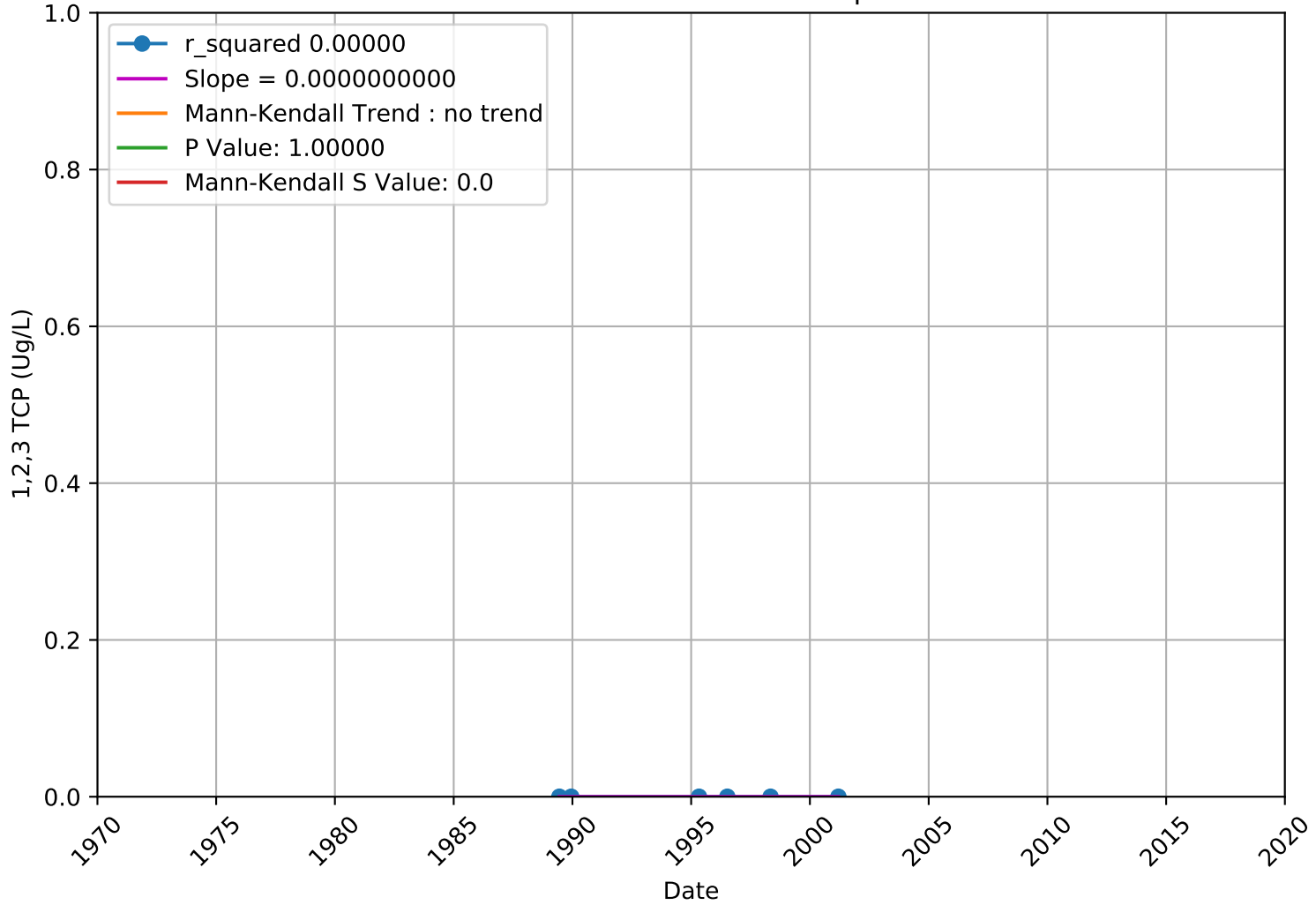
1,2,3 TCP 3910702-005 - Unknown Aquifer



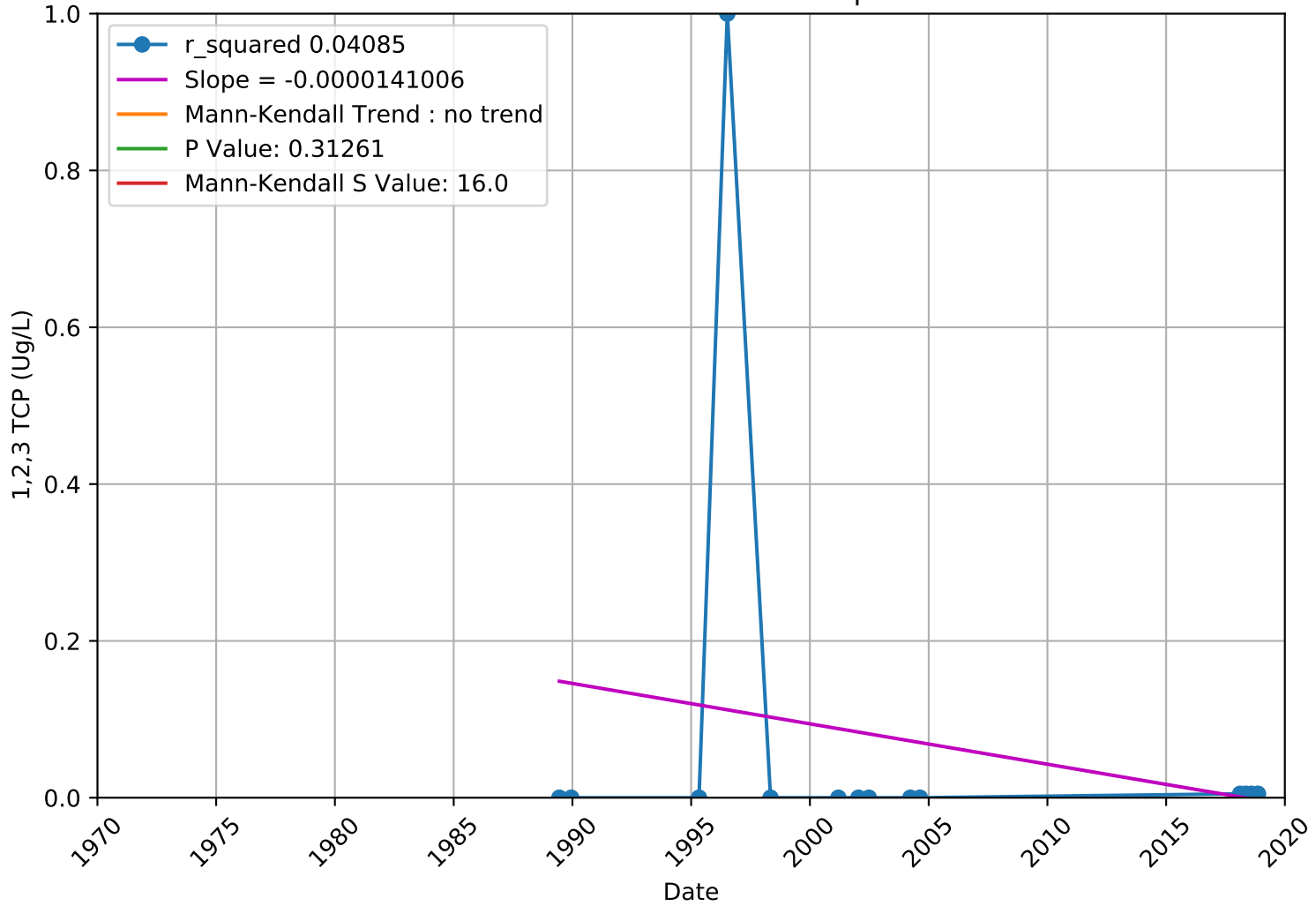
1,2,3 TCP 3910702-006 - Unknown Aquifer



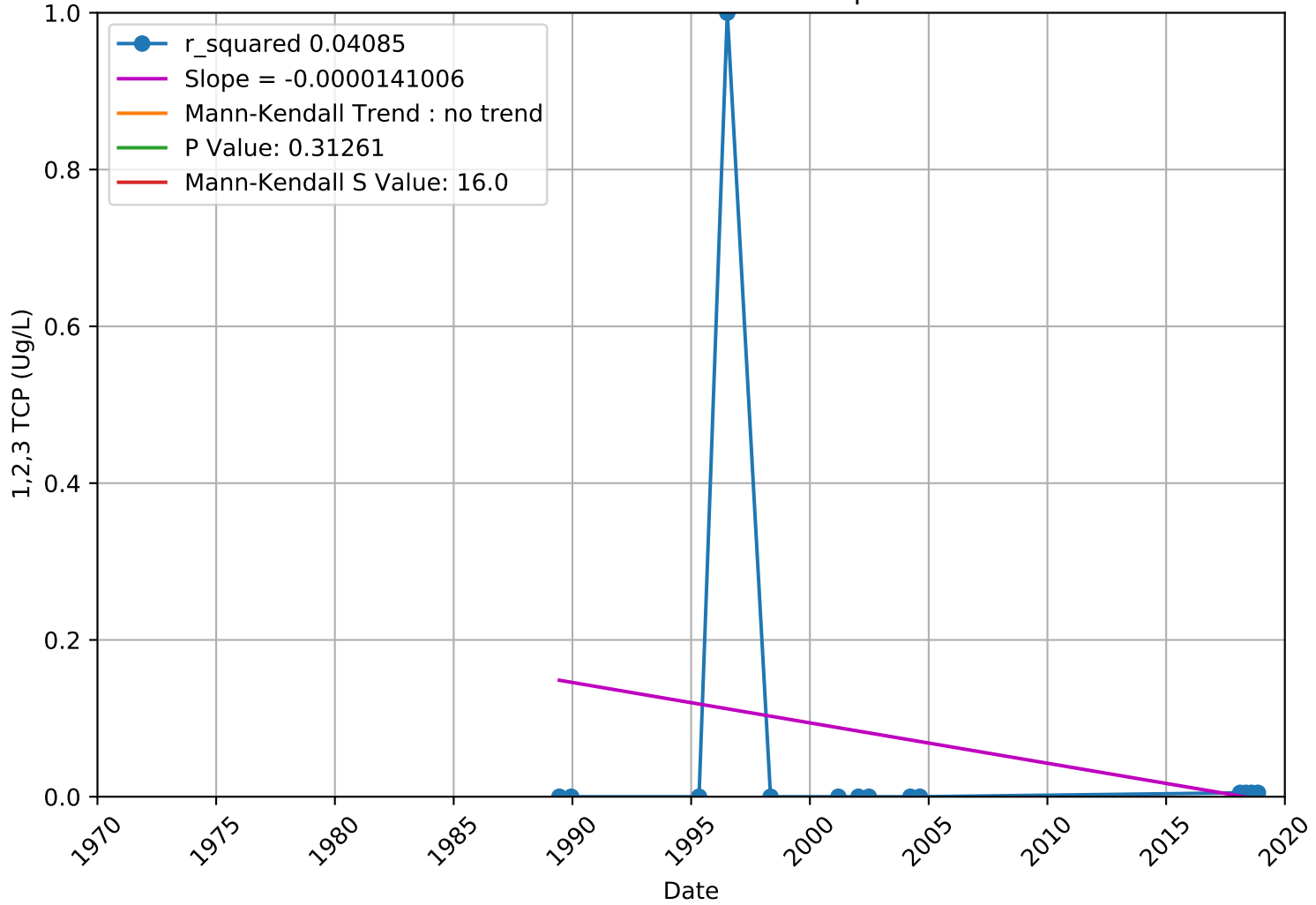
1,2,3 TCP 3910800-001 - Unknown Aquifer



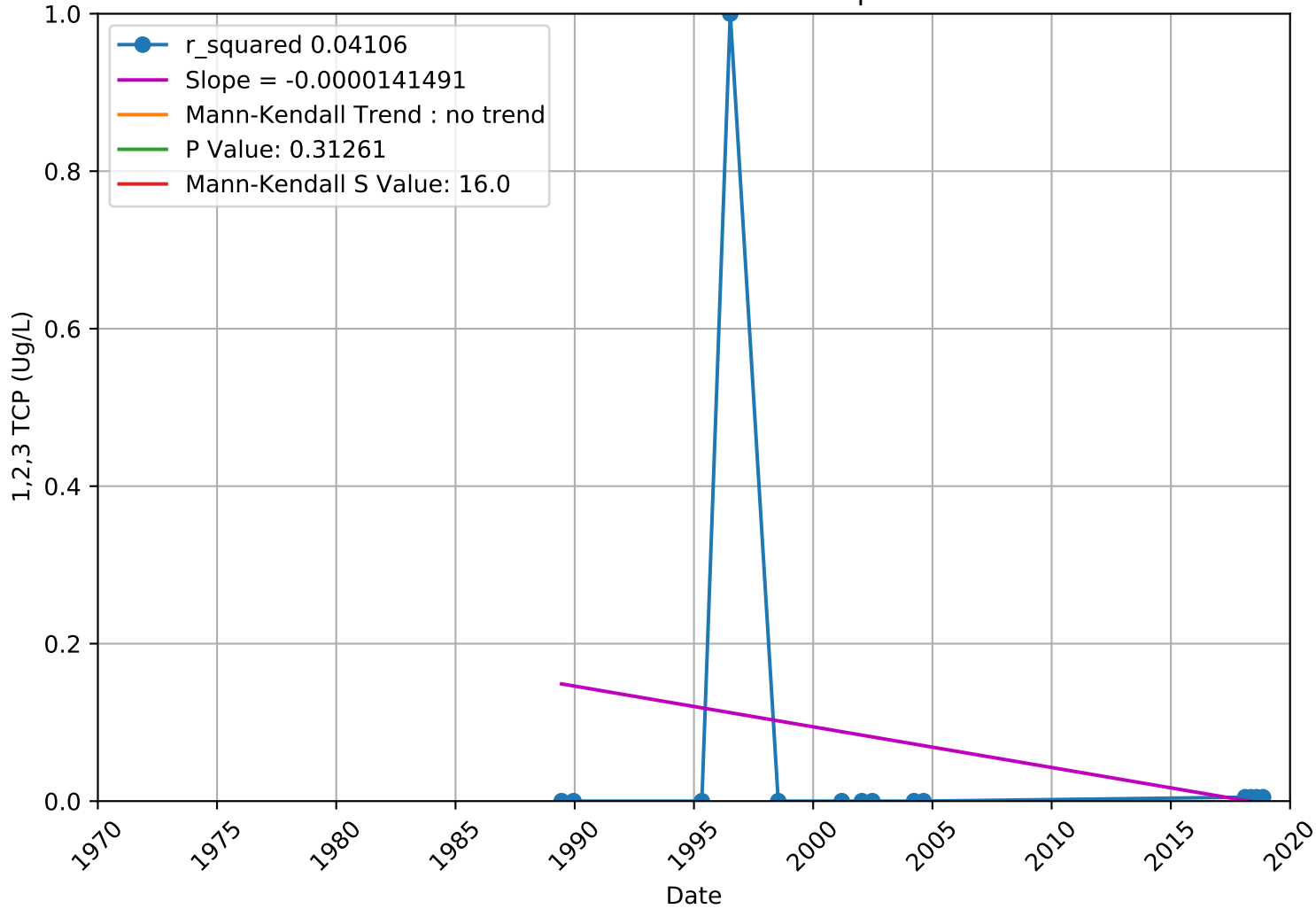
1,2,3 TCP 3910800-002 - Unknown Aquifer



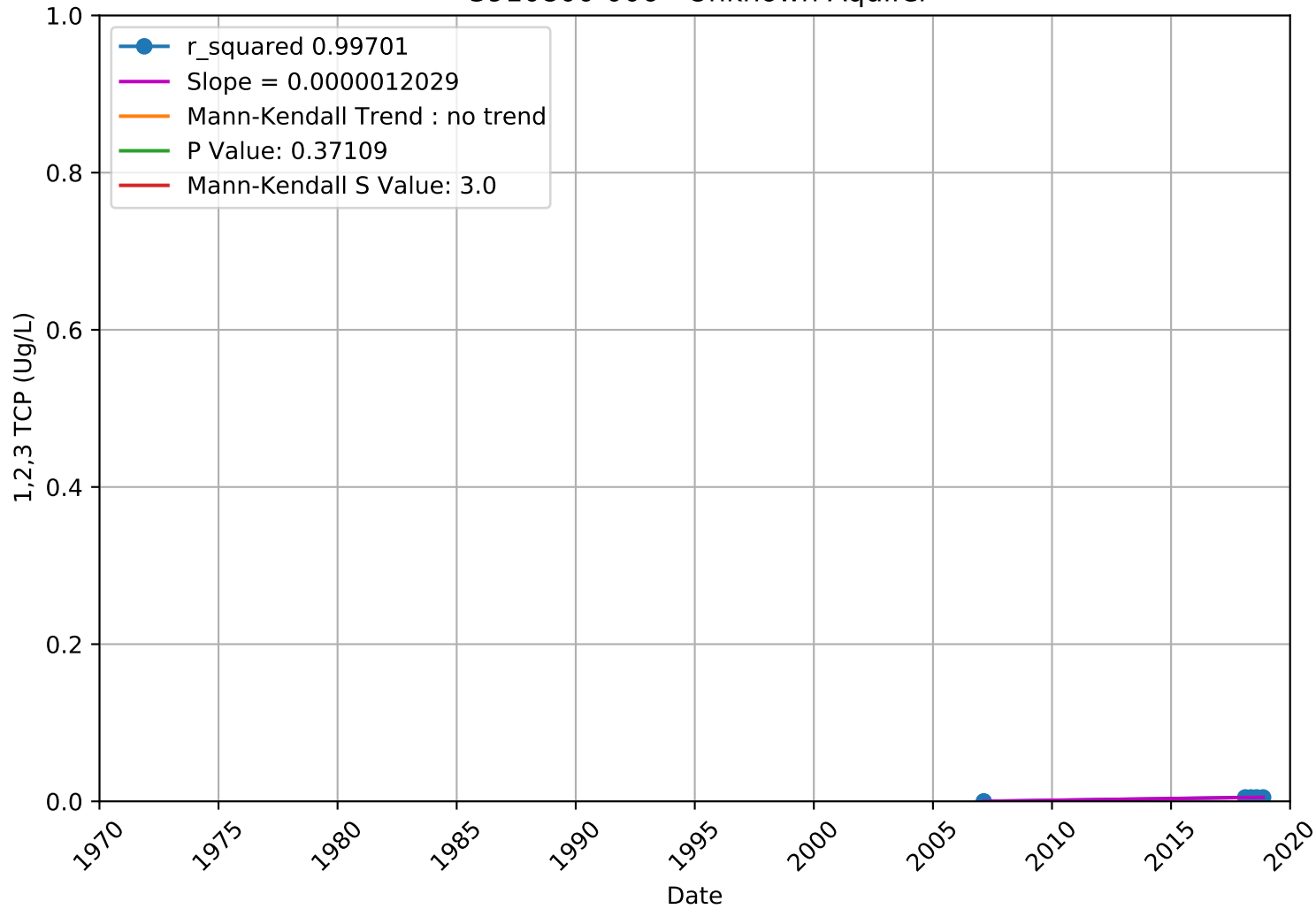
1,2,3 TCP 3910800-003 - Unknown Aquifer



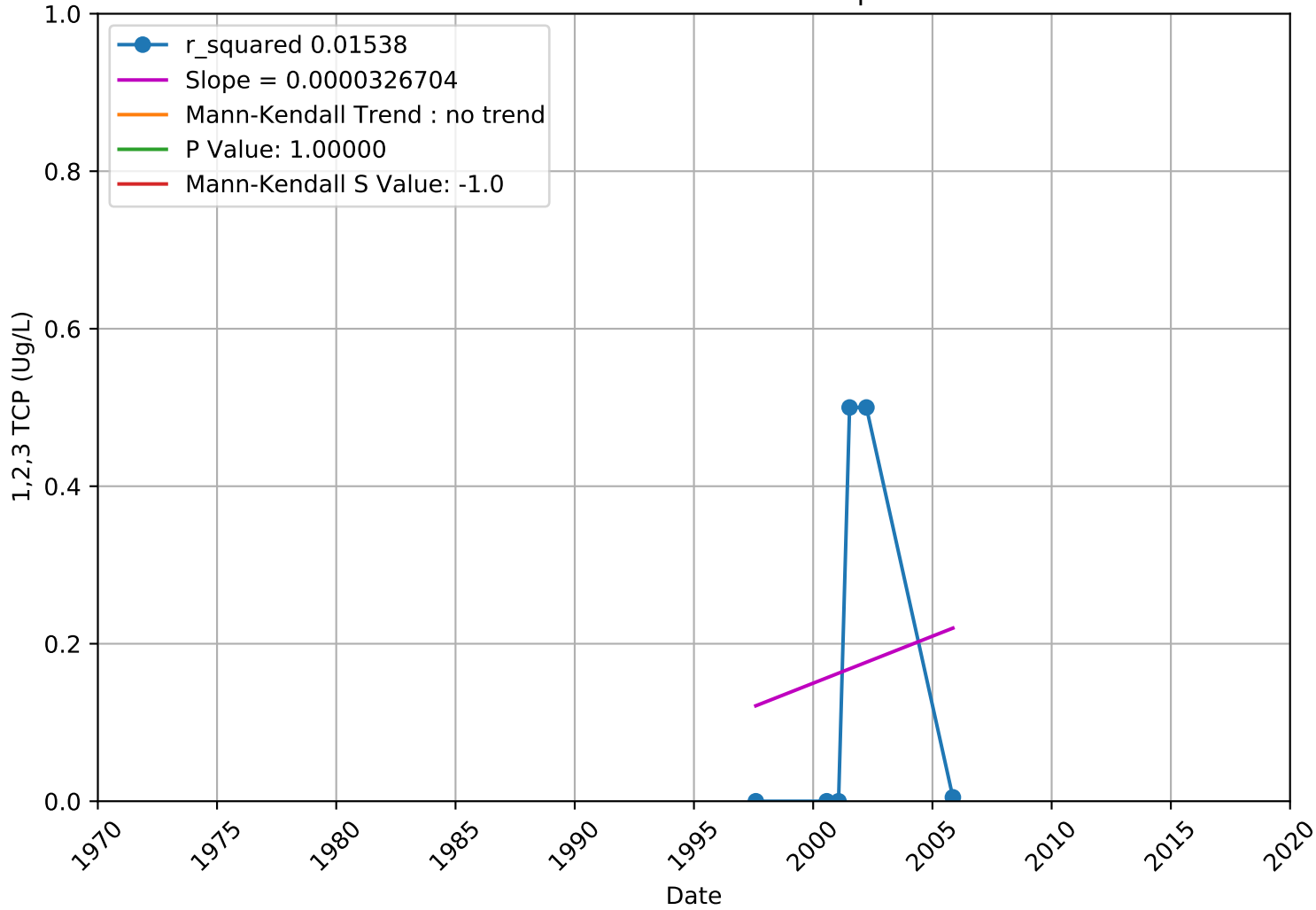
1,2,3 TCP 3910800-004 - Unknown Aquifer



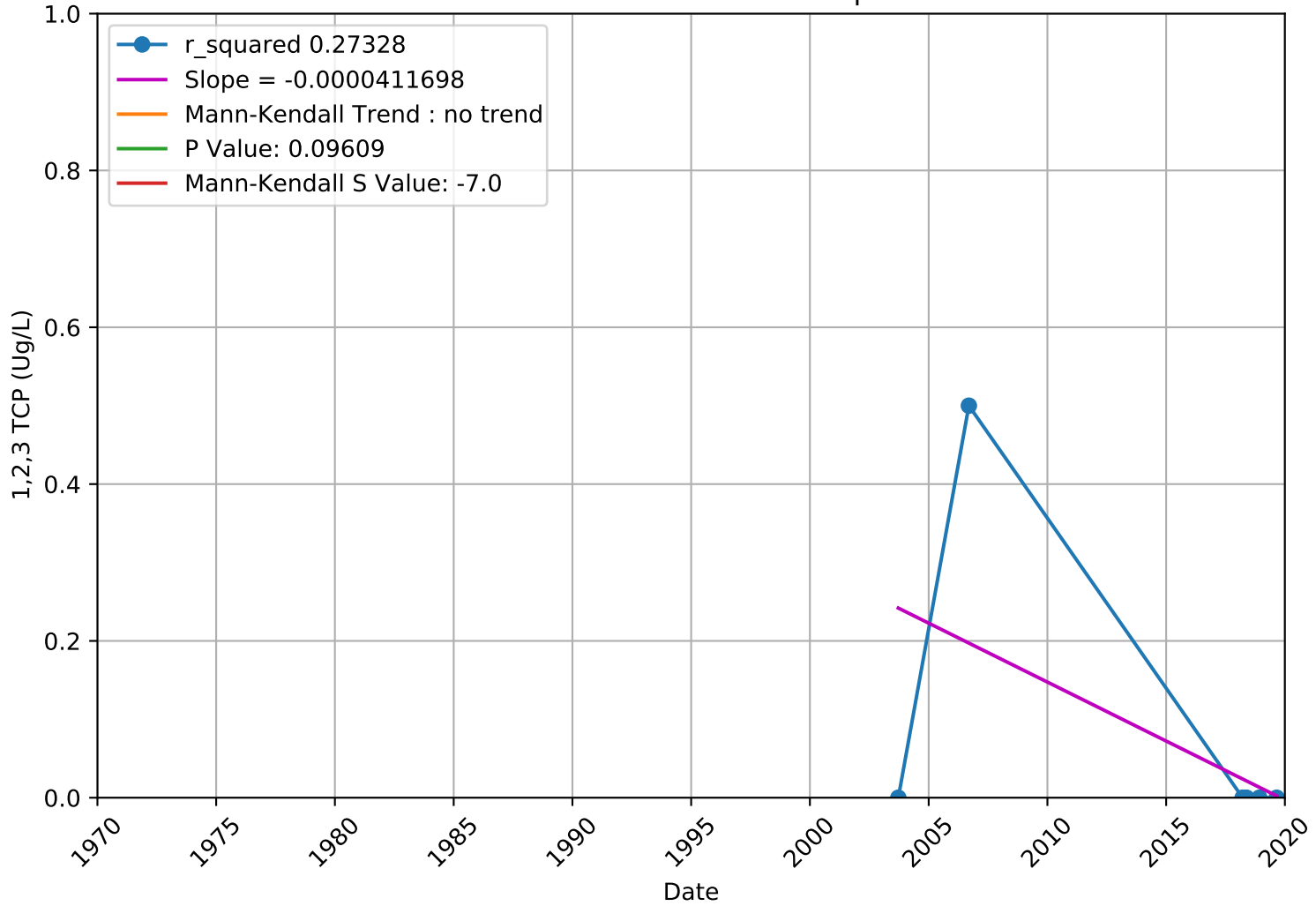
1,2,3 TCP 3910800-006 - Unknown Aquifer



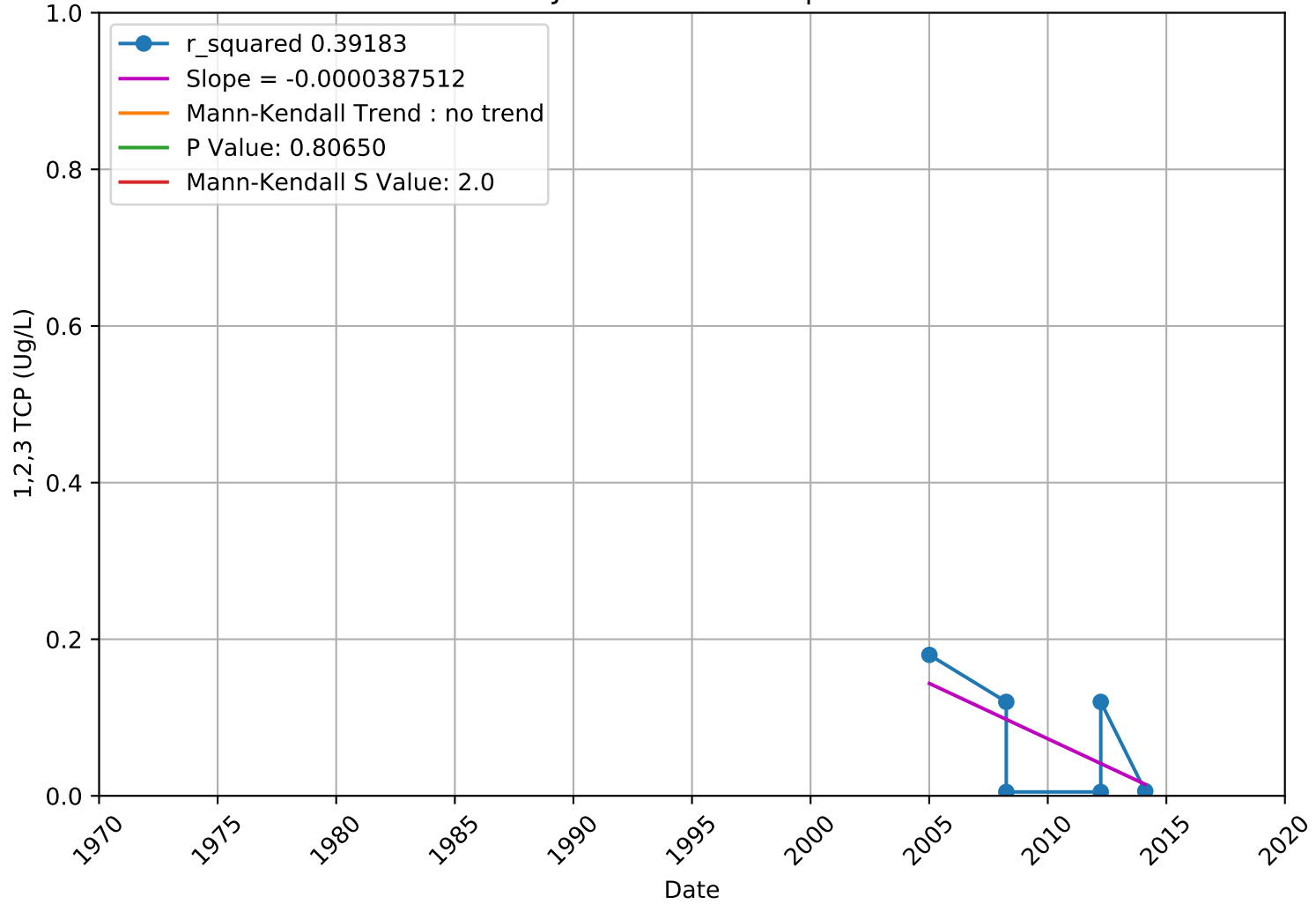
1,2,3 TCP 4110013-014 - Unknown Aquifer



1,2,3 TCP 4300611-002 - Unknown Aquifer



1,2,3 TCP ESJ-01 - Unknown Aquifer



1,2,3 TCP TRCY-03 - Unknown Aquifer

