

Engineering Investigation of the Bunker Hill Basin 2017-2018

Appendix A



**San Bernardino Valley
Water Conservation District**

Helping Nature Store Our Water

Water Level Elevations For Bunker Hill Basin

Recordation Number	State Well Number	Well Name	Owner Or Measuring Agency	Measuring Point Elevation	2017			2018			Difference Fall 2016-Fall 2017	Sub Basin
					Depth To Water (ft)	Groundwater Elevation (ft, AMSL)	Date Measured	Depth To Water (ft)	Groundwater Elevation (ft, AMSL)	Date Measured		
3601257	001S004W08F007S	13	Colton, City of	1095.11	301	794.11	12/1/2017	317	778.11	10/1/2018	-16.0	Bunker Hill I Southwest of 215 Freeway
3601259	001S004W18G001S	15	Colton, City of	1093.47	219	874.47	12/1/2017	218	875.47	12/1/2018	1.0	
3601260	001S004W08F001S	16	Colton, City of	1096.22	304	792.22	11/1/2017	317	779.22	12/1/2018	-13.0	Bunker Hill I Southwest of 215 Freeway
3601261	001S004W18F	17	Colton, City of	1099.39				224	875.39	12/1/2018		
3602405	001S004W08F	19	Colton, City of	1104.1	304	800.1	12/1/2017	302	802.1	11/1/2018		Bunker Hill I Southwest of 215 Freeway
3602793	001S004W08F015S	21	Colton, City of	1093.68	304	789.68	11/1/2017	319	774.68	12/1/2018	-15.0	Bunker Hill I Southwest of 215 Freeway
3602881	001S004W27M001S	22	Colton, City of	1001.87	214	787.87	11/1/2017	225	776.87	10/1/2018	-11.0	
3603367	001S004W21K001S	23	Colton, City of	975	91	884	11/1/2017	105	870	12/1/2018	-14.0	
3603598	001S004W18N	24	Colton, City of	1100.75	229	871.75	12/1/2017	226	874.75	12/1/2018	3.0	
3603704	001S004W08J002S	26	Colton, City of	1025	201	824	12/1/2017	215	810	12/1/2018	-14.0	Bunker Hill I Southwest of 215 Freeway
3604006	001S004W08R	27	Colton, City of	1078.5	362	716.5	12/1/2017	380	698.5	9/1/2018		Bunker Hill I Southwest of 215 Freeway
3604007	001S004W08F	28	Colton, City of	1091.5	281	810.5	12/1/2017	287	804.5	12/1/2018		
	001S004W29G	30	Colton, City of	943	135	808	12/1/2017	140	803	12/1/2018	-5.0	
	001S004W29G	31	Colton, City of	0	130	-130	12/1/2017	138	-138	12/1/2018	-8.0	
3602428	002N005W34E001S	4	Devore Water Company	2020	164.3	1855.7	11/28/2017	176.9	1843.1	12/1/2018	-12.6	Bunker Hill I Southwest of 215 Freeway
3602383	002N005W28C002S	2A	Devore Water Company	2475	80.2	2394.8	11/28/2017	84.2	2390.8	12/1/2018	-4.0	Bunker Hill I Northeast of 215 Freeway
3602384	002N005W28C003S	3 (3a)	Devore Water Company	2466	71.8	2394.2	11/28/2017	76.1	2389.9	12/1/2018	-4.3	Bunker Hill I Northeast of 215 Freeway
3601663	001S004W02Q004S	12	East Valley Water District	1058.88	207	851.88	12/18/2017	206	852.88	12/10/2018	1.0	Pressure Zone North of Santa Ana Wash
3602274	001N003W30J005S	39	East Valley Water District	1350.29	399	951.29	12/18/2017	388	962.29	12/10/2018	11.0	Bunker Hill II West of Mentone Fault
3602113	001N003W30N001S	41	East Valley Water District	1232.29	334	898.29	12/5/2017	331	901.29	12/13/2018	3.0	Bunker Hill II West of Mentone Fault
3600026	001S003W04J001S	102	East Valley Water District	1242.47	269	973.47	12/5/2017	273	969.47	12/13/2018	-4.0	Bunker Hill II West of Mentone Fault
3602370	001N004W25F004S	107	East Valley Water District	1217.29	312	905.29	12/19/2017	306	911.29	12/10/2018	6.0	Bunker Hill II West of Mentone Fault
3602799	001S002W07F001S	125	East Valley Water District	1600	168	1432	12/19/2017	229	1371	11/20/2018	-61.0	Bunker Hill II East of Mentone Fault North
3603734	001S003W02P006S	147	East Valley Water District	1362	187	1175	12/20/2017	169	1193	12/11/2018	18.0	Bunker Hill II West of Mentone Fault
3600680	001S003W02J002S	120 Cram Well	East Valley Water District	1410	141	1269	12/19/2017	178	1232	12/10/2018		Bunker Hill II West of Mentone Fault
3602034	001S004W02Q008S	12A	East Valley Water District	1057	210	847	12/18/2017	210	847	12/10/2018	0.0	Pressure Zone North of Santa Ana Wash
3601987	001S003W04G002S	136-1, Dunkirk #1	East Valley Water District	1245.85	299.5	946.35	12/5/2017	302	943.85	12/13/2018	-2.5	Bunker Hill II West of Mentone Fault
3602560	001S003W04G003S	136-2, Dunkirk #2	East Valley Water District	1240	299	941	12/5/2017	303.5	936.5	12/13/2018	-4.5	Bunker Hill II West of Mentone Fault
3603247	001S003W06P018S	141, McDaniel	East Valley Water District	1120	248	872	12/19/2017	239	881	12/12/2018	9.0	Pressure Zone North of Santa Ana Wash
3600220	001S003W01H001S	142 Mt. Harrison	East Valley Water District	1520	201	1319	12/19/2017	261	1259	12/12/2018		Bunker Hill II West of Mentone Fault
3603583	001S003W02N002S	143 Abbey Way	East Valley Water District	1339	212	1127	12/19/2017	206	1133	12/11/2018	6.0	Bunker Hill II West of Mentone Fault
3601639	001S003W03R001S	146 EHR Well	East Valley Water District	1327.26	308	1019.26	12/20/2017	298	1029.26	12/11/2018	10.0	Bunker Hill II West of Mentone Fault
3603774	001S003W03R004S	146A (Church Street)	East Valley Water District	1320	308	1012	12/20/2017	299	1021	12/11/2018	9.0	Bunker Hill II West of Mentone Fault
3601671	001N004W26A002S	24A	East Valley Water District	1242.99	353	889.99	12/18/2017	328	914.99	12/10/2018	25.0	Bunker Hill II West of Mentone Fault
3602337	001N004W26A003S	24B	East Valley Water District	1244.58	360	884.58	12/18/2017	324	920.58	12/10/2018		Bunker Hill II West of Mentone Fault
3601673	001N004W25C002S	25A	East Valley Water District	1246.39	355	891.39	12/18/2017	323	923.39	12/10/2018	32.0	Bunker Hill II West of Mentone Fault
3602564	001S004W12B006S	28A	East Valley Water District	1090.1	218	872.1	12/18/2017	216	874.1	12/10/2018	2.0	Pressure Zone North of Santa Ana Wash
3602338	001S003W04N003S	40A	East Valley Water District	1198.64	272	926.64	12/19/2017	268	930.64	12/10/2018	4.0	Bunker Hill II West of Mentone Fault
3601184	001N003W33F001S	94 Corwin	East Valley Water District	1413.17	412.2	1000.97	12/5/2017	416	997.17	12/13/2018	-3.8	Bunker Hill II West of Mentone Fault
3601660	001S003W06H004S	9A	East Valley Water District	1151.54	242	909.54	12/18/2017	255	896.54	12/10/2018	-13.0	Pressure Zone North of Santa Ana Wash
9900021	001S003W09E002S	Tri-City Concrete	East Valley Water District	1195.44	258.5	936.94	12/5/2017	251.5	943.94	12/13/2018	7.0	Bunker Hill II West of Mentone Fault
3600582	001N005W06G001S	F27A	Fontana Water Company	2244	77	2167	10/16/2017	79	2165	11/1/2018	-2.0	Lytle Basin Northwest of Barrier J
3600562	001N005W22F002S	F28A	Fontana Water Company	1583.2	364	1219.2	11/1/2017					Lytle Basin Southeast of Barrier J
3600563	001N005W22C002S	F29A	Fontana Water Company	1591.26	366	1225.26	11/1/2017					Lytle Basin Southeast of Barrier J
3600585	001N005W16K001S	F32A	Fontana Water Company	1722.9	284	1438.9	10/1/2017	308	1414.9	11/1/2018	-24.0	Lytle Basin Southeast of Barrier J
3600586	001N005W06K002S	F33A	Fontana Water Company	2155	91	2064	10/1/2017	99	2056	11/1/2018	-8.0	Lytle Basin Northwest of Barrier J
3600569	001N005W22A001S	F36A	Fontana Water Company	1549.8	477	1072.8	10/1/2017	464	1085.8	8/1/2018		Lytle Basin Southeast of Barrier J
3600581	001N005W07H001S	F42A	Fontana Water Company	2066	116	1950	10/1/2017	116	1950	11/1/2018	0.0	Lytle Basin Northwest of Barrier J
3602781	001S004W25D006S	Anderson II	Loma Linda University	1075	240	835	12/1/2017	250	825	12/1/2018	-10.0	Pressure Zone Santa Ana Wash
3602855	001S004W25D007S	Anderson III	Loma Linda University	1070	236	834	12/1/2017	248	822	12/1/2018	-12.0	Pressure Zone Santa Ana Wash

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Recordation Number	State Well Number	Well Name	Owner Or Measuring Agency	Measuring Point Elevation	2017			2018			Difference Fall 2016-Fall 2017	Sub Basin
					Depth To Water (ft)	Groundwater Elevation (ft, AMSL)	Date Measured	Depth To Water (ft)	Groundwater Elevation (ft, AMSL)	Date Measured		
		Anderson IV	Loma Linda University	1083	240	843	12/1/2017	249	834	12/1/2018	-9.0	Pressure Zone Santa Ana Wash
3603719	001S004W24A005S	Mt. View Well 3	Loma Linda, City of	1095	224	871	12/26/2017	214.6	880.4	12/17/2018	9.4	Pressure Zone Santa Ana Wash
3603721	001S004W24D008S	Mt. View Well 4	Loma Linda, City of	1106	240	866	12/18/2017	233	873	12/17/2018	7.0	Pressure Zone Santa Ana Wash
3603776	001S004W24B003S	Mt. View Well 5	Loma Linda, City of	1085	224	861	12/26/2017	218.5	866.5	12/17/2018	5.5	Pressure Zone Santa Ana Wash
3603956	001S004W24B004S	Mt. View Well 6	Loma Linda, City of	1090	229	861	12/26/2017	221	869	12/17/2018	8.0	Pressure Zone Santa Ana Wash
3603523	001S004W24P004S	Richardson 3	Loma Linda, City of	1079	239	840	12/26/2017	232	847	12/17/2018	7.0	Pressure Zone Santa Ana Wash
3603720	001S004W24F011S	Richardson 4	Loma Linda, City of	1070	225	845	12/26/2017	217	853	12/17/2018		Pressure Zone Santa Ana Wash
3603955	001S004W24B005S	Richardson 5	Loma Linda, City of	1080	222	858	12/26/2017	215	865	12/17/2018	7.0	Pressure Zone Santa Ana Wash
3603956	001S004W24L007S	Richardson 6	Loma Linda, City of	1095	235	860	12/26/2017	229	866	12/17/2018	6.0	Pressure Zone Santa Ana Wash
3601887	001S004W15L003S	Station 59	Meeks & Daley Water Co	984	169	815	11/1/2017	175.7	808.3	9/1/2018		Pressure Zone Santa Ana Wash
3603215	001S004W15M011S	Station 91	Meeks & Daley Water Co	980	132.8	847.2	8/1/2017	139.8	840.2	9/1/2018	-7.0	Pressure Zone Santa Ana Wash
3601308	001S002W19K001S	Agate #1	Redlands, City of	1723	172	1551	12/7/2017	132	1591	12/5/2018		Bunker Hill II East of Mentone Fault North
3602792	001S002W19A001S	Agate #2	Redlands, City of	1720	151	1569	12/7/2017	161	1559	12/5/2018	-10.0	Bunker Hill II East of Mentone Fault North
3602895	001S003W13H002S	Airport #1	Redlands, City of	1530	248	1282	12/6/2017	234	1296	11/1/2018	14.0	Bunker Hill II West of Mentone Fault
3603762	001S003W13M001S	Airport #2	Redlands, City of	1469	281	1188	12/6/2017	265	1204	12/5/2018	16.0	Bunker Hill II West of Mentone Fault
3602109	001S003W31B001S	Bryn Mawr #4	Redlands, City of	1190	152	1038	12/7/2017	151	1039	12/5/2018	1.0	Bunker Hill II West of Mentone Fault
3603761	001S003W18R	California Steet Irrigation	Redlands, City of	1156	265	891	12/7/2017	251	905	12/5/2018	14.0	Bunker Hill II West of Mentone Fault
3601627	002S002W03E001S	Chicken Hill	Redlands, City of	2200	203	1997	12/6/2017	182	2018	12/6/2018	21.0	
3604001	001S003W14E001S	Church Street	Redlands, City of	1340	194	1146	12/7/2017	185	1155	12/6/2018	9.0	Bunker Hill II West of Mentone Fault
3602654	001S002W19J002S	Crafton	Redlands, City of	1780	162	1618	12/7/2017	165	1615	12/6/2018	-3.0	Bunker Hill II East of Mentone Fault North
3601287	001S002W21B002S	E. Lugonia #3	Redlands, City of	2091	22	2069	12/6/2017	41	2050	12/6/2018		Bunker Hill II East of Mentone Fault North
3602791	001S002W20B001S	E. Lugonia #4	Redlands, City of	1831.58	78	1753.58	12/6/2017	102	1729.58	12/5/2018	-24.0	Bunker Hill II East of Mentone Fault North
3601290	001S002W21D001S	E. Lugonia #6	Redlands, City of	1970	47	1923	12/6/2017	72	1898	12/5/2018		Bunker Hill II East of Mentone Fault North
3603046	002S002W10B002S	Hog Canyon #2	Redlands, City of	2250	166	2084	12/7/2017	158	2092	12/5/2018	8.0	
3602065	001S003W32J002S	Lee Well	Redlands, City of	1357	237	1120	12/7/2017	241	1116	12/6/2018	-4.0	Bunker Hill II West of Mentone Fault
3602896	001S002W20D001S	Madeira	Redlands, City of	1770	242	1528	11/3/2017	257	1513	12/6/2018		Bunker Hill II East of Mentone Fault North
3601281	001S002W36F001S	Maguet #1	Redlands, City of	1955	22	1933	12/6/2017	26	1929	12/5/2018	-4.0	Bunker Hill II East of Mentone Fault North
3601284	001S002W21E001S	Maguet #2	Redlands, City of	2016.9	37	1979.9	12/7/2017	43	1973.9	12/6/2018	-6.0	Bunker Hill II East of Mentone Fault North
3600748	001S003W24A001S	Mentone Acres #1	Redlands, City of	1584	320	1264	12/6/2017	338	1246	12/6/2018		Bunker Hill II West of Mentone Fault
3600749	001S003W13P001S	Mentone Acres #2	Redlands, City of	1520	257	1263	12/6/2017	272	1248	12/5/2018	-15.0	Bunker Hill II West of Mentone Fault
3601285	001S001W10L001S	Mill Creek #2	Redlands, City of	4140	60	4080	11/3/2017	97	4043	11/2/2018		
3603045	001S001W09J001S	Mill Creek #2A	Redlands, City of	3950	59	3891	12/6/2017	86	3864	12/6/2018		
3601288	001S001W11Q001S	Mill Creek #4	Redlands, City of	4575	75	4500	12/6/2017	241	4334	12/6/2018		
3600756	001S003W19L001S	Mission #1	Redlands, City of	1130	235	895	12/6/2017	231	899	12/5/2018	4.0	Pressure Zone Santa Ana Wash
3601585	001S003W13Q001S	Muni (SB Ave)	Redlands, City of	1572.5	369	1203.5	12/7/2017	353	1219.5	12/5/2018	16.0	Bunker Hill II West of Mentone Fault
3602346	001S003W28J002S	New York Street	Redlands, City of	1310	196	1114	12/6/2017	189	1121	12/5/2018	7.0	Bunker Hill II West of Mentone Fault
3603766	001S003W10K001S	No.Orange #1	Redlands, City of	1294.5	169	1125.5	12/6/2017	161	1133.5	12/5/2018	8.0	Bunker Hill II West of Mentone Fault
3603767	001S003W10K002S	No.Orange #2	Redlands, City of	1292	187	1105	12/6/2017	168	1124	12/5/2018	19.0	Bunker Hill II West of Mentone Fault
3601586	001S003W15F001S	Orange Street	Redlands, City of	1290	181	1109	12/6/2017	178	1112	12/5/2018	3.0	Bunker Hill II West of Mentone Fault
3600918	002S003W01E001S	Redlands Heights	Redlands, City of	1790	181	1609	12/6/2017	176	1614	12/5/2018	5.0	Bunker Hill II East of Mentone Fault South
3600019	001S003W23A005S	Rees Well	Redlands, City of	1490	297	1193	12/7/2017	293	1197	12/5/2018	4.0	Bunker Hill II West of Mentone Fault
3601291	001S003W35G008S	Well #10	Redlands, City of	1565.8	41	1524.8	12/7/2017	42	1523.8	12/6/2018	-1.0	Bunker Hill II East of Mentone Fault South
3601292	001S003W35G007S	Well #11	Redlands, City of	1565.5	43	1522.5	12/6/2017	44	1521.5	12/6/2018	-1.0	Bunker Hill II East of Mentone Fault South
3601293	001S003W35H002S	Well #12	Redlands, City of	1568	40	1528	12/6/2017	42	1526	12/6/2018	-2.0	Bunker Hill II East of Mentone Fault South
3601294	001S003W35G009S	Well #13	Redlands, City of	1577.2	64	1513.2	12/6/2017	68	1509.2	12/5/2018	-4.0	Bunker Hill II East of Mentone Fault South
3601295	001S003W35H004S	Well #14	Redlands, City of	1585.3	54	1531.3	12/7/2017	58	1527.3	12/5/2018	-4.0	Bunker Hill II East of Mentone Fault South
3601296	001S003W35H003S	Well #16	Redlands, City of	1572.2	44	1528.2	11/6/2017	59	1513.2	11/1/2018	-15.0	Bunker Hill II East of Mentone Fault South
3602031	001S003W21H006S	Well #30A	Redlands, City of	1314.8	233	1081.8	12/7/2017	232	1082.8	12/5/2018	1.0	Bunker Hill II West of Mentone Fault
3602036	001S003W21H007S	Well #31A	Redlands, City of	1319	237	1082	12/7/2017	228	1091	12/5/2018	9.0	Bunker Hill II West of Mentone Fault
3601298	001S003W21H001S	Well #32	Redlands, City of	1318.1	234	1084.1	12/7/2017	230	1088.1	12/5/2018	4.0	Bunker Hill II West of Mentone Fault

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					Depth To Water (ft)	Groundwater Elevation (ft, AMSL)	Date Measured	Depth To Water (ft)	Groundwater Elevation (ft, AMSL)	Date Measured		
3601299	001S004W24K001S	Well #34	Redlands, City of	1090	245	845	12/7/2017	236	854	12/5/2018	9.0	Pressure Zone Santa Ana Wash
3602032	001S003W22A002S	Well #35	Redlands, City of	1395	262	1133	12/6/2017	260	1135	12/5/2018	2.0	Bunker Hill II West of Mentone Fault
3602082	002S003W03K001S	Well #36	Redlands, City of	1675.2	198	1477.2	12/6/2017	180	1495.2	12/5/2018		Bunker Hill II East of Mentone Fault South
3602211	001S003W26C001S	Well #37	Redlands, City of	1435	252	1183	12/6/2017	242	1193	12/5/2018	10.0	Bunker Hill II West of Mentone Fault
3604002	001S003W29Q001S	Well #38	Redlands, City of	1215	151	1064	12/6/2017	151	1064	12/5/2018	0.0	Bunker Hill II West of Mentone Fault
3603760	001S003W29Q002S	Well #39	Redlands, City of	1225	152	1073	12/6/2017	153	1072	12/5/2018	-1.0	Bunker Hill II West of Mentone Fault
3601301	001S003W28H001S	Well #41	Redlands, City of	1312	207	1105	12/7/2017	217	1095	12/5/2018	-10.0	Bunker Hill II West of Mentone Fault
3603537	001S005W14B001S	Chino #2	Rialto, City of	1137	349	788	12/1/2017	344	793	12/1/2018	5.0	
3601263	001N005W23Q001S	City 1	Rialto, City of	1430	394	1036	12/1/2017	376	1054	12/1/2018		Lytle Basin Southeast of Barrier J
3602080	001N005W23Q002S	City 2	Rialto, City of	1430	381	1049	12/1/2017	378	1052	12/1/2018	3.0	Lytle Basin Southeast of Barrier J
3602848	001N005W36B001S	City 3	Rialto, City of	1300	450	850	12/1/2017	452	848	12/1/2018	-2.0	Lytle Basin Southeast of Barrier J
3603538	001S004W06H003S	City 4A	Rialto, City of	1158	328	830	12/1/2017	351	807	12/1/2018	-23.0	Bunker Hill I Southwest of 215 Freeway
3603030	001S004W06B001S	City 5	Rialto, City of	1211	326	885	12/1/2017	330	881	12/1/2018	-4.0	Bunker Hill I Southwest of 215 Freeway
3601929	001S004W06C004S	City 6	Rialto, City of	1211	310	901	12/1/2017					Bunker Hill I Southwest of 215 Freeway
3602253	001N005W27D001S	Rialto 1 (Cedar)	Rialto, City of	1137	557	580	12/1/2017	566	571	12/1/2018	-9.0	
3601993	001N005W34B001S	Rialto 2 (Highland)	Rialto, City of	1430	485	945	12/1/2017	490	940	12/1/2018	-5.0	
3602558	001N005W34M001S	Rialto 3 (Airport)	Rialto, City of	1417	453	964	12/1/2017	459	958	12/1/2018	-6.0	
3602182	001S004W28K002S	CR #4A	Riverside Highland Water Company	948	90	858	12/1/2017	91	857	12/3/2018	-1.0	
3603514	001S004W22L017S	FW #5	Riverside Highland Water Company	989	130	859	12/1/2017	144	845	12/3/2018	-14.0	Pressure Zone Santa Ana Wash
3603470	001N004W31E003S	LC#10	Riverside Highland Water Company	1264	416	848	12/1/2017	418	846	12/3/2018	-2.0	Lytle Basin Southeast of Barrier J
3601531	001S004W33B005S	RN #16	Riverside Highland Water Company	945.45	117	828.45	12/1/2017	208	737.45	12/3/2018		
3601532	001S004W28N005S	RN #17	Riverside Highland Water Company	931	127	804	12/1/2017	145	786	12/3/2018	-18.0	
3601534	001S004W28L002S	RN #20	Riverside Highland Water Company	939	122	817	12/1/2017	136	803	12/3/2018	-14.0	
3301655	002S004W08M001S	RN #21	Riverside Highland Water Company	1000	216	784	12/1/2017	219	781	12/3/2018	-3.0	
3301656	002S004W08M002S	RN #22	Riverside Highland Water Company	983	199	784	12/1/2017	200	783	12/3/2018	-1.0	
3603738	002S004W05F003S	RN #6	Riverside Highland Water Company	988	210	778	12/1/2017	208	780	12/3/2018	2.0	
3601225	001S004W02P002S	Cooley D	Riverside, City of	1044.75	209.25	835.5	10/11/2017	206.41	838.34	10/24/2018	2.8	Pressure Zone North of Santa Ana Wash
3601228	001S004W11D002S	Cooley H	Riverside, City of	1035.3	208.9	826.4	7/27/2017	196	839.3	10/14/2018	12.9	Pressure Zone North of Santa Ana Wash
3601229	001S004W11D003S	Cooley I	Riverside, City of	1033.2	203.5	829.7	7/27/2017	191.9	841.3	10/14/2018	11.6	Pressure Zone North of Santa Ana Wash
3601468	001S004W02P001S	Garner 5	Riverside, City of	1046	211.4	834.6	9/21/2017					Pressure Zone North of Santa Ana Wash
3603254	001S004W02Q010S	Garner 6	Riverside, City of	1047.98	213.2	834.78	9/22/2017	203	844.98	10/14/2018	10.2	Pressure Zone North of Santa Ana Wash
9900015	001S004W02Q011S	Garner 7	Riverside, City of	1050.7	213.4	837.3	9/21/2017	206.1	844.6	10/14/2018	7.3	Pressure Zone North of Santa Ana Wash
3602772	001S004W27A009S	Hunt 10	Riverside, City of	1017.7	203.1	814.6	9/7/2017					Pressure Zone Santa Ana Wash
3602208	001S004W28D001S	Mill	Riverside, City of	943.03	96.13	846.9	10/11/2017	100.66	842.37	10/31/2018	-4.5	
	001S004W23C	Raub 4R	Riverside, City of	0	209.5	-209.5	9/8/2017					
3602778	001S004W14N010S	Raub 6	Riverside, City of	1015	212.5	802.5	9/8/2017					Pressure Zone Santa Ana Wash
3603555	001S004W14N011S	Raub 8	Riverside, City of	1016.44	205	811.44	9/8/2017					Pressure Zone Santa Ana Wash
3601489	001S004W02L001S	Scheuer	Riverside, City of	1052	217.2	834.8	7/27/2017					Pressure Zone North of Santa Ana Wash
3601234	001S004W27A019S	Stewart 19	Riverside, City of	1017.37	186.99	830.38	10/11/2017	203.3	814.07	10/24/2018		Bunker Hill II West of Mentone Fault
3601431	001S004W27H001S	Stewart 20	Riverside, City of	1020.37	195.51	824.86	11/15/2017	170.52	849.85	12/18/2018	25.0	Bunker Hill II West of Mentone Fault
3601463	001S004W02A003S	Stiles	Riverside, City of	1072	230.2	841.8	9/7/2017					Pressure Zone North of Santa Ana Wash
3601470	001S004W22B007S	Thorne 12	Riverside, City of	1001.86	140.1	861.76	9/7/2017					Pressure Zone Santa Ana Wash
3601471	001S004W22G014S	Thorne 3	Riverside, City of	998.35	134.38	863.97	12/21/2017	142.36	855.99	12/18/2018	-8.0	Pressure Zone Santa Ana Wash
3601477	001S004W22B001S	Thorne 9	Riverside, City of	1004.5	143.93	860.57	10/11/2017					Pressure Zone Santa Ana Wash
3601240	001S004W22H004S	Warren 1	Riverside, City of	998.6	187.4	811.2	9/7/2017	178	820.6	10/14/2018	9.4	Pressure Zone Santa Ana Wash
3601243	001S004W22H002S	Warren 4	Riverside, City of	1005.3	202.5	802.8	9/7/2017					Pressure Zone Santa Ana Wash
3600785	001S004W14R	17	Riverside, City Of-Gage Canal	1036.54	242	794.54	12/1/2017	194	842.54	11/5/2018		Pressure Zone Santa Ana Wash
3600787	001S004W23A002S	26-1	Riverside, City Of-Gage Canal	1045.33	181	864.33	12/4/2017	194	851.33	11/5/2018	-13.0	Pressure Zone Santa Ana Wash
3600788	001S004W23H001S	27-1	Riverside, City Of-Gage Canal	1044.64	181	863.64	12/4/2017	189	855.64	11/5/2018	-8.0	Pressure Zone Santa Ana Wash
3600789	001S004W23K001S	27-2	Riverside, City Of-Gage Canal	1044.64	181	863.64	12/4/2017	189	855.64	11/5/2018	-8.0	Pressure Zone Santa Ana Wash

Water Level Elevations For Bunker Hill Basin

Recordation Number	State Well Number	Well Name	Owner Or Measuring Agency	Measuring Point Elevation	2017			2018			Difference Fall 2016-Fall 2017	Sub Basin
					Depth To Water (ft)	Groundwater Elevation (ft, AMSL)	Date Measured	Depth To Water (ft)	Groundwater Elevation (ft, AMSL)	Date Measured		
3600790	001S004W23K002S	29-1	Riverside, City Of-Gage Canal	1044.43	182	862.43	10/1/2017	191	853.43	11/5/2018	-9.0	Pressure Zone Santa Ana Wash
3600791	001S004W13N001S	29-2	Riverside, City Of-Gage Canal	1046.31	179	867.31	12/4/2017	197	849.31	11/14/2018	-18.0	Pressure Zone Santa Ana Wash
3600792	001S004W13N002S	29-3	Riverside, City Of-Gage Canal	1048.75	187	861.75	12/27/2017	196	852.75	12/11/2018	-9.0	Pressure Zone Santa Ana Wash
3600794	001S004W13F002S	31-1	Riverside, City Of-Gage Canal	1054.64	234	820.64	12/4/2017	224	830.64	12/11/2018	10.0	Pressure Zone Santa Ana Wash
3603921	001S004W13G004S	46-1R	Riverside, City Of-Gage Canal	1065	205	860	12/4/2017	218	847	10/7/2018	-13.0	Pressure Zone Santa Ana Wash
3600796	001S004W23A005S	51-1	Riverside, City Of-Gage Canal	1044.64	205	839.64	12/14/2017	247	797.64	11/8/2018		Pressure Zone Santa Ana Wash
3600797	001S004W13G003S	56-1	Riverside, City Of-Gage Canal	1065.5	233	832.5	11/5/2017	255	810.5	11/7/2018		Pressure Zone Santa Ana Wash
3602331	001S004W23G003S	66-1	Riverside, City Of-Gage Canal	1044.85	229	815.85	11/5/2017	219	825.85	12/11/2018		Pressure Zone Santa Ana Wash
3603558	001S004W13N007S	92-1	Riverside, City Of-Gage Canal	1047.78	255	792.78	11/5/2017	232	815.78	12/11/2018		Pressure Zone Santa Ana Wash
3603557	001S004W13L007S	92-2	Riverside, City Of-Gage Canal	1053.38	226	827.38	12/4/2017	214	839.38	12/11/2018	12.0	Pressure Zone Santa Ana Wash
3603556	001S004W13L008S	92-3	Riverside, City Of-Gage Canal	1058.78	247	811.78	11/5/2017	248	810.78	12/11/2018		Pressure Zone Santa Ana Wash
3603728	001S004W23A006S	98-1	Riverside, City Of-Gage Canal	1046.7	207	839.7	12/27/2017	249	797.7	12/11/2018		Pressure Zone Santa Ana Wash
256301	001S004W23Q	Lower Kelly	Riverside, City Of-Gage Canal	1040.76	227	813.76	12/4/2017	232	808.76	11/5/2018	-5.0	Pressure Zone Santa Ana Wash
	001S004W23A001S	Santa Fe	Riverside, City Of-Gage Canal	1044.65	251	793.65	12/4/2017	235	809.65	11/5/2018		Pressure Zone Santa Ana Wash
3603920	001S004W13L007S	Tippecanoe Well	Riverside, City Of-Gage Canal	1046.7	187	859.7	12/27/2017	221	825.7	12/11/2018		Pressure Zone Santa Ana Wash
	001S004W23K003S	Upper Kelly	Riverside, City Of-Gage Canal	1044.3	259	785.3	12/4/2017	214	830.3	11/5/2018		Pressure Zone Santa Ana Wash
228701	001S002W17L001S	Mill Ck Monitoring #1	San Bernardino Valley Water Cons. Dist.	1800	142.26	1657.74	12/14/2017	151.32	1648.68	12/14/2018	-9.1	Bunker Hill II East of Mentone Fault North
241801	001S002W17L002S	Mill Ck Monitoring #2	San Bernardino Valley Water Cons. Dist.	1800	171.38	1628.62	12/14/2017	184.25	1615.75	12/14/2018	-12.9	Bunker Hill II East of Mentone Fault North
228901	001S002W17E001S	Mill Ck Monitoring #4	San Bernardino Valley Water Cons. Dist.	1760	160	1600	12/14/2017	188.64	1571.36	12/14/2018	-28.6	Bunker Hill II East of Mentone Fault North
453201	001S002W17E002S	Mill Ck Monitoring #5	San Bernardino Valley Water Cons. Dist.	1760	196.76	1563.24	12/14/2017	233.29	1526.71	12/14/2018	-36.5	Bunker Hill II East of Mentone Fault North
459301	001S003W07C	SAR #1	San Bernardino Valley Water Cons. Dist.	1624	160.05	1463.95	12/14/2017	271.06	1352.94	12/14/2018		Bunker Hill II East of Mentone Fault North
459401	001S003W12N	SAR #2	San Bernardino Valley Water Cons. Dist.	1442	186.62	1255.38	12/14/2017	235.14	1206.86	12/14/2018	-48.5	Bunker Hill II West of Mentone Fault
229101	001S002W07B001S	SBVWCD #1	San Bernardino Valley Water Cons. Dist.	1650.5	174.4	1476.1	12/14/2017			12/14/2018		Bunker Hill II East of Mentone Fault North
229001	001S002W07K001S	SBVWCD #2	San Bernardino Valley Water Cons. Dist.	1646.4	142.44	1503.96	12/14/2017	218.68	1427.72	12/14/2018	-76.2	Bunker Hill II East of Mentone Fault North
228601	001S003W12J001S	SBVWCD #3	San Bernardino Valley Water Cons. Dist.	1541.7	109.9	1431.8	12/14/2017	231.89	1309.81	12/14/2018		Bunker Hill II West of Mentone Fault
228801	001S003W11H001S	SBVWCD #4	San Bernardino Valley Water Cons. Dist.	1411.2	154.33	1256.87	12/14/2017	204.77	1206.43	12/14/2018	-50.4	Bunker Hill II West of Mentone Fault
3603207	001S004W04B004S	10th & "J" Street	San Bernardino, City of	1112.81	280	832.81	12/18/2017	278	834.81	12/17/2018	2.0	Pressure Zone North of Santa Ana Wash
3600726	001N004W34G003S	16th & Sierra Way	San Bernardino, City of	1135.26	290.15	845.11	12/18/2017	282.4	852.86	11/16/2018		Pressure Zone North of Santa Ana Wash
3600717	001N004W32D003S	19th Street No. 1	San Bernardino, City of	1231.18	361.74	869.44	12/18/2017	365.67	865.51	12/17/2018	-3.9	Bunker Hill I Southwest of 215 Freeway
3600718	001N004W32D004S	19th Street No. 2	San Bernardino, City of	1236.11	366.1	870.01	10/16/2017	406.34	829.77	12/17/2018		Bunker Hill I Southwest of 215 Freeway
3600721	001N004W27M001S	25th & North E Street Well	San Bernardino, City of	1192.1	319.61	872.49	12/18/2017	314.01	878.09	12/17/2018	5.6	Bunker Hill II West of Mentone Fault
3600720	001N004W27M002S	27th & Acacia	San Bernardino, City of	1183.86	308.8	875.06	12/18/2017	303.88	879.98	12/17/2018	4.9	Bunker Hill II West of Mentone Fault
3600719	001N004W27G001S	30th Street	San Bernardino, City of	1226.77	341.2	885.57	12/18/2017	333.13	893.64	12/17/2018	8.1	Bunker Hill II West of Mentone Fault
3602081	001N004W27B001S	31st & Mtn. View	San Bernardino, City of	1232.31	346.9	885.41	12/1/2017	338.11	894.2	12/17/2018	8.8	Bunker Hill II West of Mentone Fault
3603472	001N004W14P001S	40th & Valencia	San Bernardino, City of	1354.97	243.4	1111.57	11/20/2017	289.42	1065.55	12/17/2018		Bunker Hill II West of Mentone Fault
3602265	001S004W03J005S	7th Street Well	San Bernardino, City of	1056.48	217.33	839.15	12/18/2017	212.05	844.43	12/17/2018	5.3	Pressure Zone North of Santa Ana Wash
9900043	001S004W22J	Airport & Commerce Center	San Bernardino, City of	1003	26.5	976.5	12/20/2017	26.4	976.6	12/19/2018		Pressure Zone Santa Ana Wash
	001S004W15R003S	Anderson	San Bernardino, City of	1013	150.8	862.2	12/20/2017	157.84	855.16	12/19/2018	-7.0	Pressure Zone Santa Ana Wash
3602422	001S004W02K008S	Antil Well No. 6	San Bernardino, City of	1052.51	188.7	863.81	12/18/2017	193.1	859.41	12/17/2018	-4.4	Pressure Zone North of Santa Ana Wash
3602400	001N004W32N001S	Baseline & California	San Bernardino, City of	1184.91	364.7	820.21	12/18/2017	374.84	810.07	12/17/2018	-10.1	Bunker Hill I Southwest of 215 Freeway
3601844	001N005W03H002S	Cajon 2	San Bernardino, City of	1887.12	253	1634.12	12/18/2017	253	1634.12	11/19/2018		Bunker Hill I Southwest of 215 Freeway
3602821	001N005W03A002S	Cajon 3	San Bernardino, City of	1894.9	260	1634.9	12/18/2017	257	1637.9	12/17/2018		Bunker Hill I Southwest of 215 Freeway
3603792	001N005W03AS	Cajon 4	San Bernardino, City of	1923	255.33	1667.67	12/18/2017	202	1721	12/17/2018		Bunker Hill I Southwest of 215 Freeway
3600710	002N005W19K002S	Cajon Canyon Well	San Bernardino, City of	2328	99.1	2228.9	12/18/2017	76.03	2251.97	12/17/2018		Bunker Hill I Northeast of 215 Freeway
107801	001S004W22C005S	Century Well	San Bernardino, City of	989.01	136.33	852.68	11/21/2017	251.9	737.11	11/16/2018		Pressure Zone Santa Ana Wash
3603582	001S004W15P005S	Chandler Well	San Bernardino, City of	989.28	144.7	844.58	11/21/2017	148.5	840.78	11/16/2018	-3.8	Pressure Zone Santa Ana Wash
3600712	001N004W08M001S	Devil Canyon #1	San Bernardino, City of	1528.89	167.62	1361.27	12/18/2017	201.1	1327.79	11/19/2018		Bunker Hill I Northeast of 215 Freeway
3600711	001N004W07F001S	Devil Canyon #2	San Bernardino, City of	1621.15	150.16	1470.99	12/18/2017	167.7	1453.45	12/17/2018	-17.5	Bunker Hill I Northeast of 215 Freeway
3602206	001N004W06H002S	Devil Canyon #3	San Bernardino, City of	1888.59	22.7	1865.89	12/18/2017	24.4	1864.19	12/17/2018	-1.7	Bunker Hill I Northeast of 215 Freeway
3602205	001N004W06H001S	Devil Canyon #4	San Bernardino, City of	1903.69	33.33	1870.36	12/18/2017	43.3	1860.39	12/17/2018		Bunker Hill I Northeast of 215 Freeway

Water Level Elevations For Bunker Hill Basin

Recordation Number	State Well Number	Well Name	Owner Or Measuring Agency	Measuring Point Elevation	2017			2018			Difference Fall 2016-Fall 2017	Sub Basin
					Depth To Water (ft)	Groundwater Elevation (ft, AMSL)	Date Measured	Depth To Water (ft)	Groundwater Elevation (ft, AMSL)	Date Measured		
3602844	001N004W08M002S	Devil Canyon #5	San Bernardino, City of	1561.65	154.94	1406.71	12/20/2017	173.6	1388.05	12/17/2018	-18.7	Bunker Hill I Northeast of 215 Freeway
3603580	001N004W06A001S	Devil Canyon #6	San Bernardino, City of	2039.33	19.02	2020.31	12/20/2017	25.8	2013.53	11/19/2018		Bunker Hill I Northeast of 215 Freeway
3603579	001N004W06A002S	Devil Canyon #7	San Bernardino, City of	2041.89	23.7	2018.19	12/20/2017	21	2020.89	12/17/2018		Bunker Hill I Northeast of 215 Freeway
		DTSC 001B	San Bernardino, City of	1310.86	198.89	1111.97	12/18/2017	200.69	1110.17	12/17/2018	-1.8	Bunker Hill II West of Mentone Fault
		DTSC 001C	San Bernardino, City of	1310.01	200.78	1109.23	12/18/2017	202.55	1107.46	12/17/2018		Bunker Hill II West of Mentone Fault
		DTSC 002B	San Bernardino, City of	1307.41	201.61	1105.8	12/18/2017	202.97	1104.44	12/17/2018	-1.4	Bunker Hill II West of Mentone Fault
		DTSC 002C	San Bernardino, City of	1307.29	212.31	1094.98	12/18/2017	213.2	1094.09	12/17/2018		Bunker Hill II West of Mentone Fault
		DTSC 003C	San Bernardino, City of	1288.14	245.8	1042.34	12/18/2017	242.7	1045.44	12/17/2018	3.1	Bunker Hill II West of Mentone Fault
3602712	001N004W08P001S	Ellena Bros. Well 2	San Bernardino, City of	1476.66	159.92	1316.74	12/20/2017	200	1276.66	12/17/2018		Bunker Hill I Northeast of 215 Freeway
3603688	001S004W03D004S	EPA EXTRAC WELL 001	San Bernardino, City of	1095.9	282.3	813.6	12/18/2017	277.5	818.4	12/18/2018		Pressure Zone North of Santa Ana Wash
3603689	001S004W03C003S	EPA EXTRAC WELL 002	San Bernardino, City of	1091.7	257.7	834	12/18/2017	254.5	837.2	12/18/2018		Pressure Zone North of Santa Ana Wash
3603690	001S004W03C004S	EPA EXTRAC WELL 003	San Bernardino, City of	1095.37	272.1	823.27	12/18/2017	283.3	812.07	12/18/2018		Pressure Zone North of Santa Ana Wash
3603691	001S004W03B003S	EPA EXTRAC WELL 004	San Bernardino, City of	1086.27	249.4	836.87	12/18/2017	248	838.27	12/18/2018		Pressure Zone North of Santa Ana Wash
3603692	001S004W03A004S	EPA EXTRAC WELL 005	San Bernardino, City of	1083.27	234	849.27	12/18/2017	231	852.27	12/18/2018	3.0	Pressure Zone North of Santa Ana Wash
3603693	001N004W16M003S	EPA EXTRAC WELL 006	San Bernardino, City of	1396.55	198.2	1198.35	12/18/2017	216.4	1180.15	12/18/2018		Bunker Hill II West of Mentone Fault
3603694	001N004W16M004S	EPA EXTRAC WELL 007	San Bernardino, City of	1404.54	192	1212.54	12/18/2017	211.1	1193.44	12/18/2018		Bunker Hill II West of Mentone Fault
3603786	001N004W33QS	EPA EXTRAC WELL 108	San Bernardino, City of	1119.26	263	856.26	12/18/2017	318.2	801.06	11/19/2018		Pressure Zone North of Santa Ana Wash
3603786	001N004W33R003S	EPA EXTRAC WELL 108-S	San Bernardino, City of	1119.46	268.6	850.86	12/18/2017	279.7	839.76	12/18/2018		Pressure Zone North of Santa Ana Wash
3603787	001N004W33PS	EPA EXTRAC WELL 109	San Bernardino, City of	1137.04	413.68	723.36	12/18/2017	381.4	755.64	11/16/2018		Pressure Zone North of Santa Ana Wash
3603788	001N004W33NS	EPA EXTRAC WELL 110	San Bernardino, City of	1149.3	495.17	654.13	12/18/2017	374.7	774.6	12/17/2018		Pressure Zone North of Santa Ana Wash
3603789	001N004W32RS	EPA EXTRAC WELL 111	San Bernardino, City of	1169.5	366.16	803.34	12/18/2017	402.1	767.4	12/17/2018		Pressure Zone North of Santa Ana Wash
363790	001N004W32PS	EPA EXTRAC WELL 112	San Bernardino, City of	1181.79	327.67	854.12	12/19/2017	469.8	711.99	12/17/2018		Bunker Hill I Southwest of 215 Freeway
3600729	001N004W35M003S	Gilbert Street Well	San Bernardino, City of	1122.83	308.9	813.93	12/18/2017	301.07	821.76	12/17/2018		Pressure Zone North of Santa Ana Wash
3600723	001S004W10F001S	Handford 1	San Bernardino, City of	1029.7	142.03	887.67	12/20/2017	147.8	881.9	12/17/2018	-5.8	Pressure Zone Santa Ana Wash
3601316		Inter City Irrigation	San Bernardino, City of	1029								Bunker Hill II West of Mentone Fault
3601316	001S004W23N	Inter City Mutual 08	San Bernardino, City of	1028	161.19	866.81	12/18/2017	164.8	863.2	12/17/2018	-3.6	Pressure Zone Santa Ana Wash
3603649	001S003W07A006S	Ivda Well 11	San Bernardino, City of	1137	244.85	892.15	12/18/2017	244.15	892.85	12/17/2018	0.7	Pressure Zone North of Santa Ana Wash
3603471	002N005W19R001S	Kenwood 1	San Bernardino, City of	2337.61	153.7	2183.91	12/18/2017	118.88	2218.73	12/17/2018		Bunker Hill I Northeast of 215 Freeway
3603791	002N005W19R005S	Kenwood 2	San Bernardino, City of	2289	181.43	2107.57	12/18/2017	161	2128	11/19/2018		Bunker Hill I Northeast of 215 Freeway
3602401	001N004W27A002S	Leroy Street Well	San Bernardino, City of	1238.67	338.29	900.38	12/18/2017	320	918.67	12/17/2018	18.3	Bunker Hill II West of Mentone Fault
3600727	001N004W26E002S	Lynwood Well	San Bernardino, City of	1236.32	322	914.32	12/18/2017	316.72	919.6	12/17/2018	5.3	Bunker Hill II West of Mentone Fault
3601845	001N004W30M001S	Mallory 3 Well	San Bernardino, City of	1319.35	396	923.35	12/18/2017	403	916.35	12/17/2018		Lytle Basin Southeast of Barrier J
111701	001N004W35L001S	Meecham	San Bernardino, City of	1130.34	278.4	851.94	11/21/2017	277.3	853.04		1.1	Pressure Zone North of Santa Ana Wash
3600737	001S004W10N006S	Mill & D	San Bernardino, City of	1000.41	164.9	835.51	12/18/2017	163.3	837.11	12/17/18		Pressure Zone Santa Ana Wash
3600319	001N004W31A001S	Mt. Vernon	San Bernardino, City of	1259	389.1	869.9	12/18/2017	400.7	858.3	11/19/2018	-11.6	Bunker Hill I Southwest of 215 Freeway
		Muscoy Mutual 5	San Bernardino, City of	1485.26	403	1082.26	12/18/2017	407	1078.26	12/17/2018	-4.0	Lytle Basin Southeast of Barrier J
		MW-04A	San Bernardino, City of	1411.28	185.03	1226.25	12/18/2017	207.58	1203.7	12/17/2018		Bunker Hill II West of Mentone Fault
		MW-04B	San Bernardino, City of	1411.34	185.6	1225.74	12/18/2017	207.96	1203.38	12/17/2018		Bunker Hill II West of Mentone Fault
		MW-06A	San Bernardino, City of	1435.88	186.32	1249.56	12/18/2017	215.66	1220.22	12/17/2018	-29.3	Bunker Hill II West of Mentone Fault
		MW-06B	San Bernardino, City of	1435.88	187.02	1248.86	12/18/2017	217.03	1218.85	12/17/2018		Bunker Hill II West of Mentone Fault
		MW-07A	San Bernardino, City of	1436.56	192.74	1243.82	12/18/2017	216	1220.56	12/17/2018	-23.3	Bunker Hill II West of Mentone Fault
		MW-07B	San Bernardino, City of	1436.55	192.07	1244.48	12/18/2017	215.12	1221.43	12/17/2018		Bunker Hill II West of Mentone Fault
		MW-08A	San Bernardino, City of	1475.07	220.52	1254.55	12/18/2017	235.7	1239.37	12/17/2018	-15.2	Bunker Hill I Southwest of 215 Freeway
		MW-08B	San Bernardino, City of	1475.07	223.63	1251.44	12/18/2017	241.97	1233.1	12/17/2018		Bunker Hill I Southwest of 215 Freeway
		MW-09A	San Bernardino, City of	1378.69	171.1	1207.59	12/18/2017	187.12	1191.57	12/17/2018	-16.0	Bunker Hill II West of Mentone Fault
		MW-09B	San Bernardino, City of	1378.66	167.07	1211.59	12/18/2017	185.3	1193.36	12/17/2018		Bunker Hill II West of Mentone Fault
	001N004W34L001E	MW-10A	San Bernardino, City of	1127.77	252.6	875.17	12/18/2017	255.93	871.84	12/17/2018		Pressure Zone North of Santa Ana Wash
	001N004W34L001E	MW-10B	San Bernardino, City of	1127.83	268.85	858.98	12/18/2017	264.15	863.68	12/17/2018	4.7	Pressure Zone North of Santa Ana Wash
	001N004W34Q001	MW-11A	San Bernardino, City of	1100.97	248.2	852.77	12/18/2017	244.7	856.27	12/17/2018	3.5	Pressure Zone North of Santa Ana Wash
	001N004W34Q001	MW-11B	San Bernardino, City of	1100.95	248.82	852.13	12/18/2017	245.2	855.75	12/17/2018		Pressure Zone North of Santa Ana Wash

Water Level Elevations For Bunker Hill Basin

Recordation Number	State Well Number	Well Name	Owner Or Measuring Agency	Measuring Point Elevation	2017			2018			Difference Fall 2016-Fall 2017	Sub Basin
					Depth To Water (ft)	Groundwater Elevation (ft, AMSL)	Date Measured	Depth To Water (ft)	Groundwater Elevation (ft, AMSL)	Date Measured		
	001N004W34Q001	MW-11C	San Bernardino, City of	1100.93	249.6	851.33	12/18/2017	245.84	855.09	12/17/2018		Pressure Zone North of Santa Ana Wash
	001N005W13H001	MW-127A	San Bernardino, City of	1545.9	279.6	1266.3	12/18/2017	287.87	1258.03	12/17/2018	-8.3	Bunker Hill I Southwest of 215 Freeway
		MW-127B	San Bernardino, City of	1545.9	279.74	1266.16	12/18/2017	288.6	1257.3	12/18/2018	-8.9	Bunker Hill I Southwest of 215 Freeway
		MW-128A	San Bernardino, City of	1215.45	327	888.45	12/19/2017	336.5	878.95	12/18/2018	-9.5	Bunker Hill I Southwest of 215 Freeway
		MW-128B	San Bernardino, City of	1215.46	338.8	876.66	12/19/2017	347.15	868.31	12/18/2018		Bunker Hill I Southwest of 215 Freeway
		MW-128C	San Bernardino, City of	1215.48	348.1	867.38	12/19/2017	350.3	865.18	12/18/2018		Bunker Hill I Southwest of 215 Freeway
		MW-129A	San Bernardino, City of	1199.9	333.81	866.09	12/19/2017	344.88	855.02	12/18/2018	-11.1	Bunker Hill I Southwest of 215 Freeway
		MW-129B	San Bernardino, City of	1199.45	334.91	864.54	12/19/2017	346.45	853	12/18/2018		Bunker Hill I Southwest of 215 Freeway
		MW-129C	San Bernardino, City of	1199.45	336.47	862.98	12/19/2017	341.57	857.88	12/18/2018		Bunker Hill I Southwest of 215 Freeway
		MW-12A	San Bernardino, City of	1089.57	208	881.57	12/18/2017	214.3	875.27	12/17/2018	-6.3	Pressure Zone North of Santa Ana Wash
		MW-12B	San Bernardino, City of	1089.49	238.44	851.05	12/18/2017	237.8	851.69	12/17/2018		Pressure Zone North of Santa Ana Wash
		MW-130A	San Bernardino, City of	1176.09	287.72	888.37	12/19/2017	296	880.09	12/18/2018	-8.3	Pressure Zone North of Santa Ana Wash
		MW-130B	San Bernardino, City of	1175.41	305.13	870.28	12/19/2017	313.53	861.88	12/18/2018		Pressure Zone North of Santa Ana Wash
		MW-130C	San Bernardino, City of	1175.4	314.32	861.08	12/19/2017	316.2	859.2	12/18/2018		Pressure Zone North of Santa Ana Wash
		MW-135A	San Bernardino, City of	1112.15	238.31	873.84	12/19/2017	244.93	867.22	12/18/2018	-6.6	Pressure Zone North of Santa Ana Wash
		MW-135B	San Bernardino, City of	1112.16	252.7	859.46	12/19/2017	259.6	852.56	12/18/2018		Pressure Zone North of Santa Ana Wash
		MW-135C	San Bernardino, City of	1112.16	257.74	854.42	12/19/2017	259.37	852.79	12/18/2018		Pressure Zone North of Santa Ana Wash
		MW-136A	San Bernardino, City of	1122.58	257.37	865.21	12/19/2017	266.85	855.73	12/18/2018	-9.5	Pressure Zone North of Santa Ana Wash
		MW-136B	San Bernardino, City of	1122.58	262.5	860.08	12/19/2017	270.32	852.26	12/18/2018		Pressure Zone North of Santa Ana Wash
		MW-136C	San Bernardino, City of	1122.52	264.8	857.72	12/19/2017	269.23	853.29	12/18/2018		Pressure Zone North of Santa Ana Wash
		MW-137A	San Bernardino, City of	1144.99	292.86	852.13	12/19/2017	296.41	848.58	12/18/2018		Pressure Zone North of Santa Ana Wash
		MW-137B	San Bernardino, City of	1145.01	288.88	856.13	12/19/2017	297.82	847.19	12/18/2018		Pressure Zone North of Santa Ana Wash
		MW-138A	San Bernardino, City of	1157.9	293.92	863.98	12/19/2017	303.95	853.95	12/18/2018		Pressure Zone North of Santa Ana Wash
		MW-138B	San Bernardino, City of	1157.97	300.5	857.47	12/19/2017	311	846.97	12/18/2018	-10.5	Pressure Zone North of Santa Ana Wash
		MW-138C	San Bernardino, City of	1157.92	299.1	858.82	12/19/2017	300.93	856.99	12/18/2018		Pressure Zone North of Santa Ana Wash
		MW-139A	San Bernardino, City of	1169.67	321.88	847.79	12/20/2017	333.65	836.02	12/18/2018	-11.8	Bunker Hill I Southwest of 215 Freeway
		MW-13A	San Bernardino, City of	1079.57	210.3	869.27	12/18/2017	213.47	866.1	12/17/2018	-3.2	Pressure Zone North of Santa Ana Wash
		MW-13B	San Bernardino, City of	1079.57	233.77	845.8	12/18/2017	229.88	849.69	12/17/2018		Pressure Zone North of Santa Ana Wash
		MW-13C	San Bernardino, City of	1079.54	230.67	848.87	12/18/2017	226.92	852.62	12/17/2018		Pressure Zone North of Santa Ana Wash
		MW-140A	San Bernardino, City of	1304.39	420.6	883.79	12/19/2017	431.7	872.69	11/20/2018	-11.1	Bunker Hill I Southwest of 215 Freeway
		MW-140B	San Bernardino, City of	1304.38	420.63	883.75	12/19/2017	432.62	871.76	12/18/2018		Bunker Hill I Southwest of 215 Freeway
		MW-141A	San Bernardino, City of	1122.78	243.63	879.15	12/19/2017	251.3	871.48	12/18/2018		Pressure Zone North of Santa Ana Wash
		MW-14A	San Bernardino, City of	1076.76	195.5	881.26	12/18/2017	200.58	876.18	12/17/2018	-5.1	Pressure Zone North of Santa Ana Wash
		MW-14B	San Bernardino, City of	1076.75	229.4	847.35	12/18/2017	224.85	851.9	12/17/2018		Pressure Zone North of Santa Ana Wash
		MW-15A	San Bernardino, City of	1070.21	220.42	849.79	12/18/2017	215.53	854.68	12/17/2018		Pressure Zone North of Santa Ana Wash
		MW-15B	San Bernardino, City of	1070.15	220.5	849.65	12/18/2017	215.5	854.65	12/17/2018		Pressure Zone North of Santa Ana Wash
		MW-16A	San Bernardino, City of	1385.19	177.35	1207.84	12/18/2017	194.86	1190.33	12/17/2018	-17.5	Bunker Hill II West of Mentone Fault
		MW-16B	San Bernardino, City of	1385.19	172.8	1212.39	12/18/2017	192.85	1192.34	12/17/2018		Bunker Hill II West of Mentone Fault
		MW-17A	San Bernardino, City of	1393.52	176.53	1216.99	12/18/2017	197.84	1195.68	12/17/2018	-21.3	Bunker Hill II West of Mentone Fault
		MW-17B	San Bernardino, City of	1393.54	176.7	1216.84	12/18/2017	197.93	1195.61	12/17/2018		Bunker Hill II West of Mentone Fault
		MWDC6	San Bernardino, City of	0	18.2	-18.2	12/20/2017	18.24	-18.24	12/17/2018		Bunker Hill I Northeast of 215 Freeway
		MWDC7	San Bernardino, City of	0	15.16	-15.16	12/20/2017	15.7	-15.7	12/17/2018	-0.5	Bunker Hill I Northeast of 215 Freeway
		MW-MIA 001A	San Bernardino, City of	1549.41	271.5	1277.91	12/18/2017	272.9	1276.51	12/17/2018	-1.4	Bunker Hill I Southwest of 215 Freeway
		MW-MIA 001C	San Bernardino, City of	1549.41	302.39	1247.02	12/18/2017	303.97	1245.44	12/17/2018		Bunker Hill I Southwest of 215 Freeway
		MW-MIA 002A	San Bernardino, City of	1479.3	180.9	1298.4	12/18/2017	181.06	1298.24	12/17/2018		Bunker Hill I Southwest of 215 Freeway
		MW-MIA 002B	San Bernardino, City of	1478.94	220.65	1258.29	12/18/2017	232.4	1246.54	12/17/2018	-11.8	Bunker Hill I Southwest of 215 Freeway
		MW-MIA 003A	San Bernardino, City of	1435.39	159.5	1275.89	12/18/2017	165.77	1269.62	12/17/2018		Bunker Hill I Southwest of 215 Freeway
		MW-MIA 003B	San Bernardino, City of	1435.39	147.44	1287.95	12/18/2017	150.7	1284.69	12/17/2018	-3.3	Bunker Hill I Southwest of 215 Freeway
		MW-MIA 004	San Bernardino, City of	1428.44	126.7	1301.74	12/18/2017	125.4	1303.04	12/17/2018	1.3	Bunker Hill I Southwest of 215 Freeway
3600714	001N004W16E001S	Newmark #1	San Bernardino, City of	1412.7	188.03	1224.67	12/18/2017	211.33	1201.37	12/17/2018	-23.3	Bunker Hill II West of Mentone Fault

Water Level Elevations For Bunker Hill Basin

Recordation Number	State Well Number	Well Name	Owner Or Measuring Agency	Measuring Point Elevation	2017			2018			Difference Fall 2016-Fall 2017	Sub Basin
					Depth To Water (ft)	Groundwater Elevation (ft, AMSL)	Date Measured	Depth To Water (ft)	Groundwater Elevation (ft, AMSL)	Date Measured		
3600715	001N004W16E002S	Newmark #2	San Bernardino, City of	1404.81	183.92	1220.89	12/18/2017	206.94	1197.87	12/17/2018	-23.0	Bunker Hill II West of Mentone Fault
3600716	001N004W16E003S	Newmark #3	San Bernardino, City of	1406.4	192.3	1214.1	12/18/2017	212	1194.4	12/18/2018		Bunker Hill II West of Mentone Fault
3602399	001N004W16E004S	Newmark #4	San Bernardino, City of	1413.34	184.85	1228.49	12/18/2017	208.5	1204.84	12/17/2018	-23.7	Bunker Hill II West of Mentone Fault
3603206	001S004W04D002S	Olive & Garner	San Bernardino, City of	1130.55	279	851.55	12/18/2017	349	781.55	12/17/2018		Pressure Zone North of Santa Ana Wash
3601117	001N004W35C003S	Perris Hill #4	San Bernardino, City of	1169.59	287.9	881.69	12/18/2017	283.7	885.89	12/17/2018	4.2	Pressure Zone North of Santa Ana Wash
3601115	001N004W26P003S	Perris Hill #5	San Bernardino, City of	1174.59	291.75	882.84	12/18/2017	282.6	891.99	12/17/2018	9.1	Bunker Hill II West of Mentone Fault
	001N004W18D002E	PZ-125	San Bernardino, City of	1564.67	178.25	1386.42	12/18/2017	182.27	1382.4	12/17/2018	-4.0	Bunker Hill I Southwest of 215 Freeway
3602426	002N005W19Q001	Vincent Well	San Bernardino, City of	2315.42	89.13	2226.29	12/18/2017	82.2	2233.22	12/17/2018	6.9	Bunker Hill I Northeast of 215 Freeway
3600728	001N004W27A001S	Waterman Well	San Bernardino, City of	1244.4	342	902.4	12/18/2017	322	922.4	12/17/2018	20.0	Bunker Hill II West of Mentone Fault
3601015	001S003W18N002S	Deep Well Pump 1	Southern California Edison	1107	246	861	12/1/2017	251.12	855.88	12/1/2018	-5.1	Pressure Zone Santa Ana Wash
3601014	001S003W18N003S	Deep Well Pump 2	Southern California Edison	1100.77	247	853.77	12/1/2017	251.26	849.51	12/1/2018	-4.3	Pressure Zone Santa Ana Wash
3603795	001S003W18N006S	Mid Aquifer Pump A	Southern California Edison	1086.563	226	860.563	12/1/2017	229.34	857.223	12/1/2018	-3.3	Pressure Zone Santa Ana Wash
3603796	001S003W18N001S	MidAquifer Pump B	Southern California Edison	1108.26	223	885.26	12/1/2017	228.62	879.64	12/1/2018	-5.6	Pressure Zone Santa Ana Wash
9900095	001S004W03Q001S	5th/Sierra Way	U.S. Geological Survey/SBVMWD	1041.8	154.19	887.61	12/14/2017	159.23	882.57	10/19/2018	-5.0	Pressure Zone North of Santa Ana Wash
9900072	001N005W28J002S	Bohnert/Vineyard	U.S. Geological Survey/SBVMWD	1512	423.09	1088.91	12/7/2017	424.84	1087.16	11/26/2018	-1.8	
	001S004W10K001S	Burbank Elementary	U.S. Geological Survey/SBVMWD	1004.92	115.59	889.33	12/12/2017	122.92	882	12/14/2018	-7.3	Pressure Zone Santa Ana Wash
	001S003W15K002S	Church St.(Riverview)	U.S. Geological Survey/SBVMWD	1368.85	234.06	1134.79	12/6/2017	233.9	1134.95	12/11/2018	0.2	Bunker Hill II West of Mentone Fault
9900138	001S003W15K001S	Church St.(Riverview)	U.S. Geological Survey/SBVMWD	1368.85	233.32	1135.53	12/6/2017	233.61	1135.24	12/11/2018		Bunker Hill II West of Mentone Fault
	001S003W15K003S	Church St.(Riverview)	U.S. Geological Survey/SBVMWD	1368.85	234.94	1133.91	12/6/2017	234.3	1134.55	12/11/2018		Bunker Hill II West of Mentone Fault
	001S003W15K004S	Church St.(Riverview)	U.S. Geological Survey/SBVMWD	1368.85	235.23	1133.62	12/6/2017	234.37	1134.48	12/11/2018		Bunker Hill II West of Mentone Fault
9900069	001N005W27D002S	City of Rialto Tanks	U.S. Geological Survey/SBVMWD	1543	439.86	1103.14	12/7/2017	442.92	1100.08	11/26/2018	-3.1	
	001S004W20H002S	Colton Plunge Park	U.S. Geological Survey/SBVMWD	992.96	141.29	851.67	12/4/2017	146.1	846.86	12/3/2018	-4.8	
9900110	001S004W20H005S	Colton Plunge Park	U.S. Geological Survey/SBVMWD	992.96	134.89	858.07	12/4/2017	139.74	853.22	12/3/2018		
	001S004W20H004S	Colton Plunge Park	U.S. Geological Survey/SBVMWD	992.96	135	857.96	12/4/2017	139.7	853.26	12/3/2018		
	001S004W20H001S	Colton Plunge Park	U.S. Geological Survey/SBVMWD	992.96	136.35	856.61	12/4/2017	141.77	851.19	12/3/2018		
	001S004W20H003S	Colton Plunge Park	U.S. Geological Survey/SBVMWD	992.96	136.39	856.57	12/4/2017	140.22	852.74	12/3/2018		
	001S004W22J001S	Commerce Center	U.S. Geological Survey/SBVMWD	998.89	152.35	846.54	12/11/2017	156.59	842.3	12/14/2018	-4.2	Pressure Zone Santa Ana Wash
	001S004W22J003S	Commerce Center	U.S. Geological Survey/SBVMWD	998.89	143.69	855.2	12/11/2017	144.73	854.16	12/14/2018		Pressure Zone Santa Ana Wash
	001S004W22J002S	Commerce Center	U.S. Geological Survey/SBVMWD	998.89	162.94	835.95	12/11/2017	151.89	847	12/14/2018		Pressure Zone Santa Ana Wash
	001S002W07Q005S	Cone Camp	U.S. Geological Survey/SBVMWD	1639.31	93.32	1545.99	10/11/2017			11/15/2018		Bunker Hill II East of Mentone Fault North
	001S002W07Q004S	Cone Camp	U.S. Geological Survey/SBVMWD	1639.31	118.62	1520.69	11/16/2017			11/15/2018		Bunker Hill II East of Mentone Fault North
266701	001S002W07Q006S	Cone Camp	U.S. Geological Survey/SBVMWD	1639.31	71.65	1567.66	11/16/2017	72.94	1566.37	11/15/2018		Bunker Hill II East of Mentone Fault North
	001S002W07Q003S	Cone Camp	U.S. Geological Survey/SBVMWD	1638.32	155.14	1483.18	11/16/2017	237.94	1400.38	11/15/2018		Bunker Hill II East of Mentone Fault North
	001S002W07Q002S	Cone Camp	U.S. Geological Survey/SBVMWD	1638.62	204.22	1434.4	11/16/2017	279.12	1359.5	11/15/2018		Bunker Hill II East of Mentone Fault North
	001S002W07Q001S	Cone Camp	U.S. Geological Survey/SBVMWD	1638.62	209.21	1429.41	11/16/2017	283.66	1354.96	11/15/2018		Bunker Hill II East of Mentone Fault North
9900075	001N005W29Q002S	County Landfill	U.S. Geological Survey/SBVMWD	1543.99	571.19	972.8	12/27/2017	573.99	970	10/15/2018	-2.8	
9900076	001N005W29Q003S	County Landfill	U.S. Geological Survey/SBVMWD	1543.99	570.59	973.4	10/5/2017	570.05	973.94	10/15/2018		
9900074	001N005W29Q001S	County Landfill	U.S. Geological Survey/SBVMWD	1543.99	571.3	972.69	12/27/2017	575.05	968.94	10/15/2018		
9900083	001N005W35B001S	Easton Reservoir	U.S. Geological Survey/SBVMWD	1416.28	341.27	1075.01	12/6/2017	343.9	1072.38	12/10/2018	-2.6	
9900085	001N005W35B003S	Easton Reservoir	U.S. Geological Survey/SBVMWD	1416.28	327.15	1089.13	12/6/2017	329.57	1086.71	12/10/2018		
9900086	001N005W35B004S	Easton Reservoir	U.S. Geological Survey/SBVMWD	1416.28	327.8	1088.48	12/6/2017	330.23	1086.05	12/10/2018		
9900084	001N005W35B002S	Easton Reservoir	U.S. Geological Survey/SBVMWD	1416.28	341.31	1074.97	12/6/2017	343.92	1072.36	12/10/2018		
	001S004W03N003S	Feldheim Library 2	U.S. Geological Survey/SBVMWD	1062.29	205.56	856.73	12/7/2017	206.86	855.43	12/10/2018	-1.3	Pressure Zone North of Santa Ana Wash
	001S004W03N005S	Feldheim Library 2	U.S. Geological Survey/SBVMWD	1062.29	172.76	889.53	12/7/2017	178.52	883.77	12/10/2018		Pressure Zone North of Santa Ana Wash
	001S004W03N004S	Feldheim Library 2	U.S. Geological Survey/SBVMWD	1062.29	179.84	882.45	12/7/2017	185.64	876.65	12/10/2018		Pressure Zone North of Santa Ana Wash
	001S004W03N002S	Feldheim Library 2	U.S. Geological Survey/SBVMWD	1062.29	214.25	848.04	12/7/2017	211.91	850.38	12/10/2018		Pressure Zone North of Santa Ana Wash
	001S004W03N001S	Feldheim Library 2	U.S. Geological Survey/SBVMWD	1062.29	215.06	847.23	12/7/2017	212.17	850.12	12/10/2018		Pressure Zone North of Santa Ana Wash
9900097	001S004W04E006S	Garner Park	U.S. Geological Survey/SBVMWD	1121.3	256.94	864.36	12/11/2017	266.14	855.16	12/17/2018	-9.2	Pressure Zone North of Santa Ana Wash
	001S004W11K006S	Lena Road 2	U.S. Geological Survey/SBVMWD	1032.59	172.33	860.26	12/5/2017	184.99	847.6	10/1/2018	-12.7	Pressure Zone North of Santa Ana Wash
	001S004W11K003S	Lena Road 2	U.S. Geological Survey/SBVMWD	1032.59	145.95	886.64	12/5/2017			12/17/2018		Pressure Zone North of Santa Ana Wash

Water Level Elevations For Bunker Hill Basin

Recordation Number	State Well Number	Well Name	Owner Or Measuring Agency	Measuring Point Elevation	2017			2018			Difference Fall 2016-Fall 2017	Sub Basin
					Depth To Water (ft)	Groundwater Elevation (ft, AMSL)	Date Measured	Depth To Water (ft)	Groundwater Elevation (ft, AMSL)	Date Measured		
	001S004W11K002S	Lena Road 2	U.S. Geological Survey/SBVMWD	1032.59	150.81	881.78	10/2/2017	158.31	874.28	12/17/2018		Pressure Zone North of Santa Ana Wash
	001S004W11K008S	Lena Road 2	U.S. Geological Survey/SBVMWD	1032.59	181.4	851.19	12/5/2017	192.82	839.77	10/1/2018		Pressure Zone North of Santa Ana Wash
	001S004W11K007S	Lena Road 2	U.S. Geological Survey/SBVMWD	1032.59	187.94	844.65	12/5/2017	202.7	829.89	10/1/2018		Pressure Zone North of Santa Ana Wash
	001S005W11F003S	Lilac Park	U.S. Geological Survey/SBVMWD	1247.06	298.52	948.54	12/4/2017	301.57	945.49	12/3/2018	-3.0	
	001S005W11F002S	Lilac Park	U.S. Geological Survey/SBVMWD	1247.06	293.28	953.78	12/4/2017	295.6	951.46	12/3/2018		
9900119	001S005W11F004S	Lilac Park	U.S. Geological Survey/SBVMWD	1247.06	298.66	948.4	12/4/2017	301.71	945.35	12/3/2018		
	001S005W11F001S	Lilac Park	U.S. Geological Survey/SBVMWD	1247.06	317.56	929.5	12/4/2017	321.04	926.02	12/3/2018		
	001N005W22N001S	Lower Linden Ponds	U.S. Geological Survey/SBVMWD	1586.62	352.99	1233.63	10/5/2017	354.65	1231.97	10/15/2018	-1.7	Lytle Basin Southeast of Barrier J
	001N005W22N005S	Lower Linden Ponds	U.S. Geological Survey/SBVMWD	1586.62	351.97	1234.65	10/5/2017	354.74	1231.88	11/1/2018		Lytle Basin Southeast of Barrier J
	001N005W22N004S	Lower Linden Ponds	U.S. Geological Survey/SBVMWD	1586.62	352.82	1233.8	10/13/2017	354.4	1232.22	11/1/2018		Lytle Basin Southeast of Barrier J
	001N005W22N003S	Lower Linden Ponds	U.S. Geological Survey/SBVMWD	1586.62	352.84	1233.78	10/13/2017	354.4	1232.22	11/7/2018		Lytle Basin Southeast of Barrier J
	001N005W22N002S	Lower Linden Ponds	U.S. Geological Survey/SBVMWD	1586.62	352.9	1233.72	10/5/2017	354.6	1232.02	10/15/2018		Lytle Basin Southeast of Barrier J
	001S004W15F006S	Orange Show	U.S. Geological Survey/SBVMWD	992.42	113.01	879.41	12/5/2017	120.22	872.2	12/17/2018	-7.2	Pressure Zone Santa Ana Wash
	001S004W15F007S	Orange Show	U.S. Geological Survey/SBVMWD	992.42	96.04	896.38	12/5/2017	101.25	891.17	12/17/2018		Pressure Zone Santa Ana Wash
	001S004W22D004S	Orangeshow & "E" St.	U.S. Geological Survey/SBVMWD	976.44	124.53	851.91	12/4/2017	136.96	839.48	12/3/2018	-12.4	Pressure Zone Santa Ana Wash
	001S004W22D005S	Orangeshow & "E" St.	U.S. Geological Survey/SBVMWD	976.44	52.91	923.53	12/4/2017	61.65	914.79	12/3/2018		Pressure Zone Santa Ana Wash
	001S004W22D006S	Orangeshow & "E" St.	U.S. Geological Survey/SBVMWD	976.44	105.09	871.35	12/4/2017	113.79	862.65	12/3/2018		Pressure Zone Santa Ana Wash
	001S004W22D002S	Orangeshow & "E" St.	U.S. Geological Survey/SBVMWD	976.44	115.52	860.92	12/4/2017	135.11	841.33	12/3/2018		Pressure Zone Santa Ana Wash
	001N005W34D001S	Rialto Airport	U.S. Geological Survey/SBVMWD	1469.21	501.54	967.67	9/5/2017	506.15	963.06	12/12/2018	-4.6	
	001N005W34D002S	Rialto Airport	U.S. Geological Survey/SBVMWD	1469.21	501.14	968.07	9/5/2017	505.83	963.38	12/12/2018		
	001N005W34D003S	Rialto Airport	U.S. Geological Survey/SBVMWD	1469.21	501.15	968.06	9/5/2017	505.73	963.48	12/12/2018		
	001S004W08E003S	Rialto Avenue	U.S. Geological Survey/SBVMWD	1116.76	229.34	887.42	12/16/2017	231.15	885.61	12/1/2018	-1.8	
	001S004W08E001S	Rialto Avenue	U.S. Geological Survey/SBVMWD	1116.76	229.04	887.72	12/7/2017	230.8	885.96	10/4/2018		
	001S004W08E002S	Rialto Avenue	U.S. Geological Survey/SBVMWD	1116.76	229.21	887.55	12/7/2017	230.82	885.94	10/4/2018		
9900101	001S004W08E004S	Rialto Avenue	U.S. Geological Survey/SBVMWD	1116.76	231.91	884.85	12/7/2017	233.21	883.55	10/4/2018		
	001S004W10B003S	San Bernardino/Multi	U.S. Geological Survey/SBVMWD	1019.02	137.71	881.31	12/6/2017	143.45	875.57	12/17/2018	-5.7	Pressure Zone Santa Ana Wash
9900104	001S004W10B004S	San Bernardino/Multi	U.S. Geological Survey/SBVMWD	1019.02	69.74	949.28	12/6/2017	73.4	945.62	12/17/2018		Pressure Zone Santa Ana Wash
	001S004W10B002S	San Bernardino/Multi	U.S. Geological Survey/SBVMWD	1019.02	171.33	847.69	12/6/2017	164.78	854.24	12/17/2018		Pressure Zone Santa Ana Wash
	001S004W02D007S	Sierra High School	U.S. Geological Survey/SBVMWD	1078.59	222.98	855.61	12/6/2017	218.76	859.83	12/17/2018	4.2	Pressure Zone North of Santa Ana Wash
9900094	001S004W02D008S	Sierra High School	U.S. Geological Survey/SBVMWD	1078.59	168.01	910.58	12/6/2017	168.15	910.44	12/17/2018		Pressure Zone North of Santa Ana Wash
	001S004W02D006S	Sierra High School	U.S. Geological Survey/SBVMWD	1078.59	225.59	853	12/6/2017	220.43	858.16	12/17/2018		Pressure Zone North of Santa Ana Wash
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9900060	001N005W21K003S	Upper Linden Ponds	U.S. Geological Survey/SBVMWD	1647.84	422.84	1225	12/28/2017	411.21	1236.63	10/16/2018		
9900061	001N005W21K004S	Upper Linden Ponds	U.S. Geological Survey/SBVMWD	1647.84	424.17	1223.67	12/28/2017	424	1223.84	10/16/2018		
9900059	001N005W21K002S	Upper Linden Ponds	U.S. Geological Survey/SBVMWD	1647.84	443.27	1204.57	12/28/2017	446.09	1201.75	10/16/2018		
3601002	001N004W31P003S	9	West Valley Water District	1235	349	886	12/1/2017	384	851	11/1/2018		Lytle Basin Southeast of Barrier J
	001S005W35J006S	40	West Valley Water District	915	93	822	12/1/2017					
3600309	001S005W02C001S	10 Baseline & Willow	West Valley Water District	1346.7	392	954.7	12/1/2017	392	954.7	11/1/2018	0.0	
3600311	001S005W02K001S	11 Victoria & Willow	West Valley Water District	1287	344	943	12/1/2017	349	938	11/1/2018	-5.0	
3601848	001S004W05E005S	15 9th & Pennsylvania/Raynor 5	West Valley Water District	1170	345	825	12/1/2017	361	809	12/1/2018	-16.0	Bunker Hill I Southwest of 215 Freeway
3601001	001S005W12L001S	16 Eucalyptus/Noth Meridin/Boyd	West Valley Water District	1177.2	279	898.2	12/1/2017	280	897.2	11/1/2018	-1.0	
3600995	001S005W12N001S	17 Acacia	West Valley Water District	1173.7	279	894.7	12/1/2017	280	893.7	11/1/2018	-1.0	
3603669	001S005W24M002S	18A Sycamore & Valley	West Valley Water District	1260	232	1028	10/1/2017	227	1033	11/1/2018	5.0	
3603902	001N005W23P004S	1A	West Valley Water District	1488	262	1226	12/1/2017	265	1223	12/1/2018	-3.0	Lytle Basin Southeast of Barrier J
3601944	001N005W23Q001S	2 Lower 7	West Valley Water District	1430	360	1070	12/1/2017	382	1048	12/1/2018	-22.0	Lytle Basin Southeast of Barrier J
3610005	001S005W29A001S	20 Slover 2	West Valley Water District	1082.4	298	784.4	12/1/2017	301	781.4	11/1/2018	-3.0	
3603770	001N005W27B001S	22A Linden & Vineyard	West Valley Water District	1558	420	1138	12/1/2017	422	1136	11/1/2018	-2.0	
3603771	001N005W17G002S	23A Residential	West Valley Water District	1850	68	1782	12/1/2017	65	1785	11/1/2018	3.0	
3602766	001S004W06H002S	30 Washington Baseline-New Ra	West Valley Water District	1159.8	341	818.8	12/1/2017	336	823.8	12/1/2018		Bunker Hill I Southwest of 215 Freeway

Water Level Elevations For Bunker Hill Basin

Recordation Number	State Well Number	Well Name	Owner Or Measuring Agency	Measuring Point Elevation	2017			2018			Difference Fall 2016-Fall 2017	Sub Basin
					Depth To Water (ft)	Groundwater Elevation (ft, AMSL)	Date Measured	Depth To Water (ft)	Groundwater Elevation (ft, AMSL)	Date Measured		
	001N005W17K003S	31 (Field) Fontana Reservoir	West Valley Water District	1848	70	1778	12/1/2017	70	1778	11/1/2018	0.0	
3603465	001S005W03A002S	33 Shop	West Valley Water District	1360	403	957	12/1/2017	404	956	11/1/2018	-1.0	
3603757	001S005W20P001S	37 Palmetto	West Valley Water District	1101	363	738	12/1/2017	368	733	11/1/2018	-5.0	
9900133	001S005W22M002S	39 Cedar/RR	West Valley Water District	1085	272	813	12/1/2017	274	811	11/1/2018	-2.0	
3603670	001S005W36E003S	41 Industrial/Riverside	West Valley Water District	910	115	795	12/1/2017	117	793	11/1/2018	-2.0	
3603777	001N005W26A006S	4A	West Valley Water District	1400	363	1037	11/1/2017	381	1019	10/1/2018	-18.0	Lytle Basin Southeast of Barrier J
3603769	001N005W25E001S	5A Golf Course	West Valley Water District	1383.4	343	1040.4	12/1/2017	376	1007.4	12/1/2018	-33.0	Lytle Basin Southeast of Barrier J
3603778	001N005W36H006S	8A Lord Ranch	West Valley Water District	1262.4	413	849.4	12/1/2017	419	843.4	12/1/2018	-6.0	Lytle Basin Southeast of Barrier J
	001S004W05F002S	EC-N	West Valley Water District	1197	403	794	12/1/2017	371	826	12/1/2018		Bunker Hill I Southwest of 215 Freeway
	001S004W05F001S	EC-S	West Valley Water District	1182	344	838	12/1/2017	363	819	10/1/2018	-19.0	Bunker Hill I Southwest of 215 Freeway

Engineering Investigation of the Bunker Hill Basin 2017-2018

Appendix B



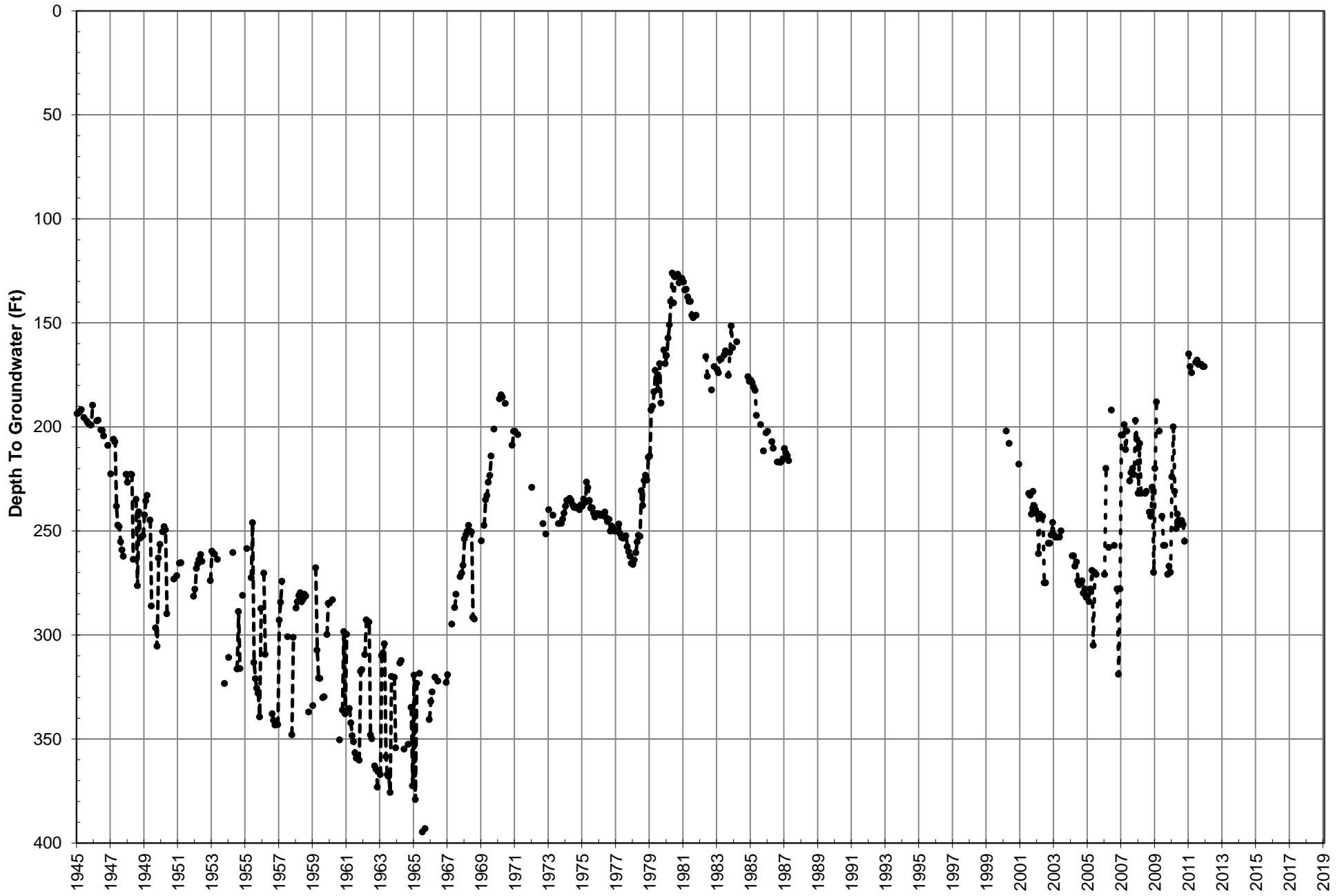
**San Bernardino Valley
Water Conservation District**

Helping Nature Store Our Water



B.V. Judson Index Well Hydrograph

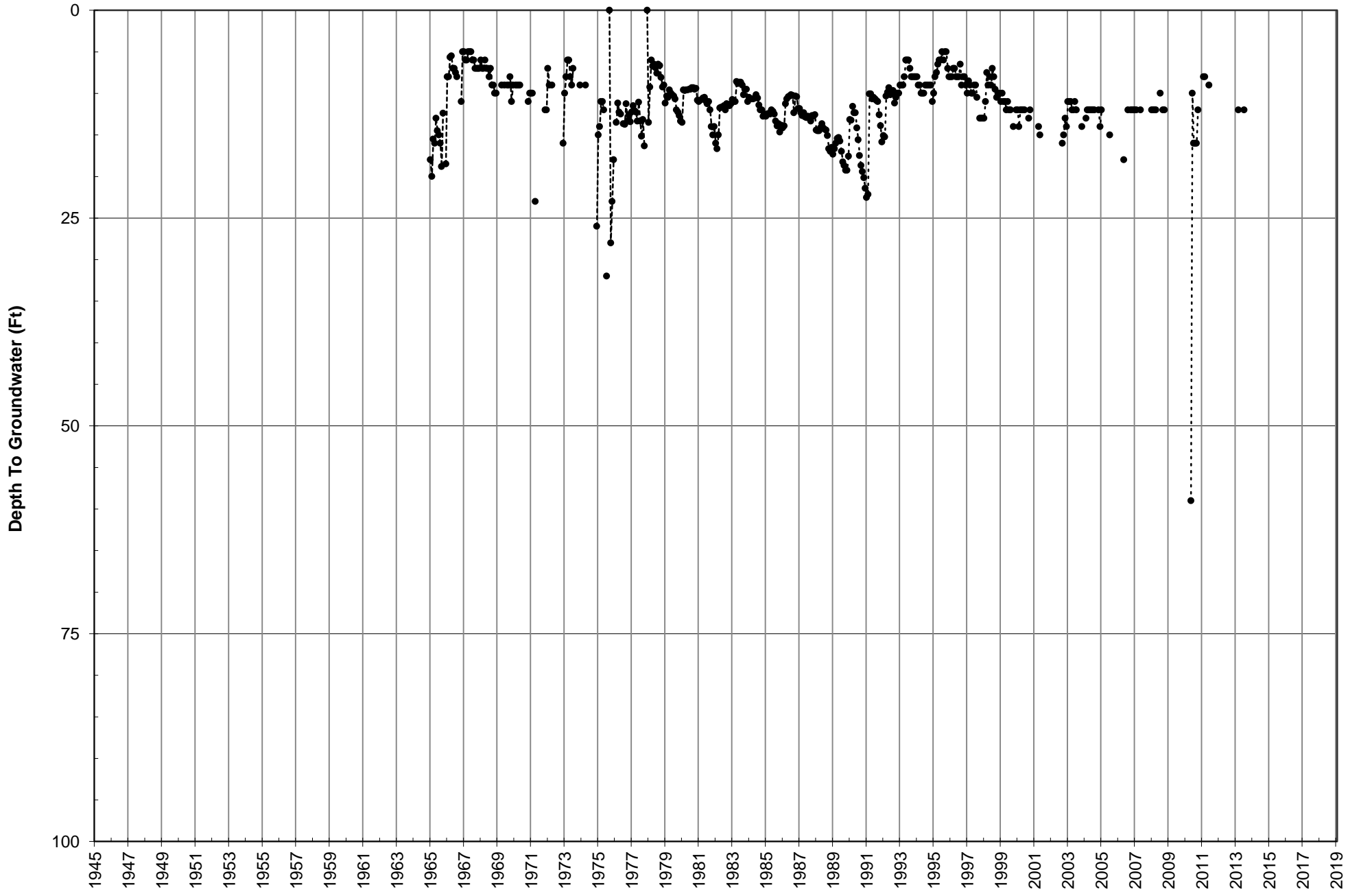
Bear Valley Mutual Water Co.





Mill Creek #0A Index Well Hydrograph

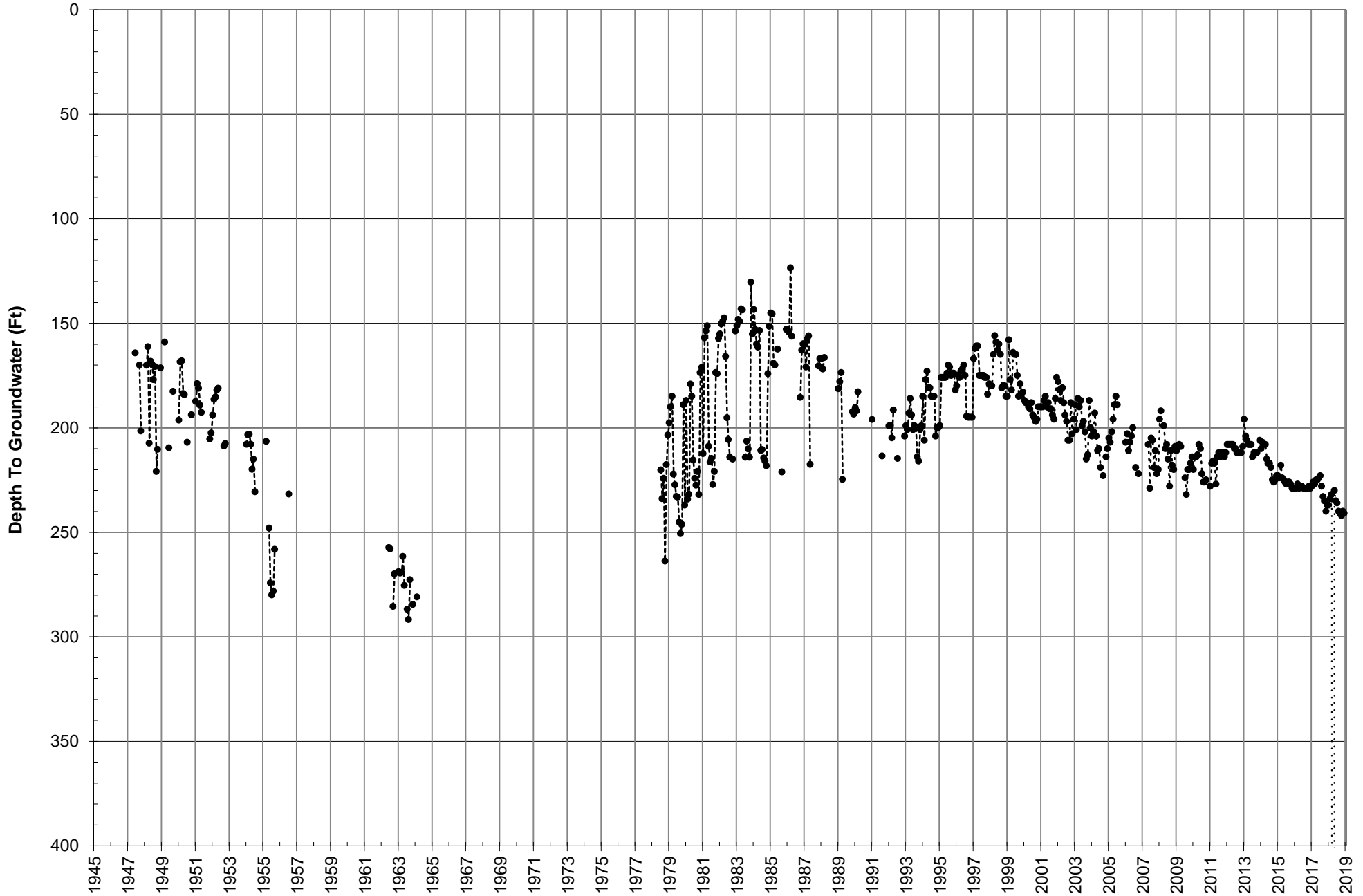
City of Redlands





Lee Well Index Well Hydrograph

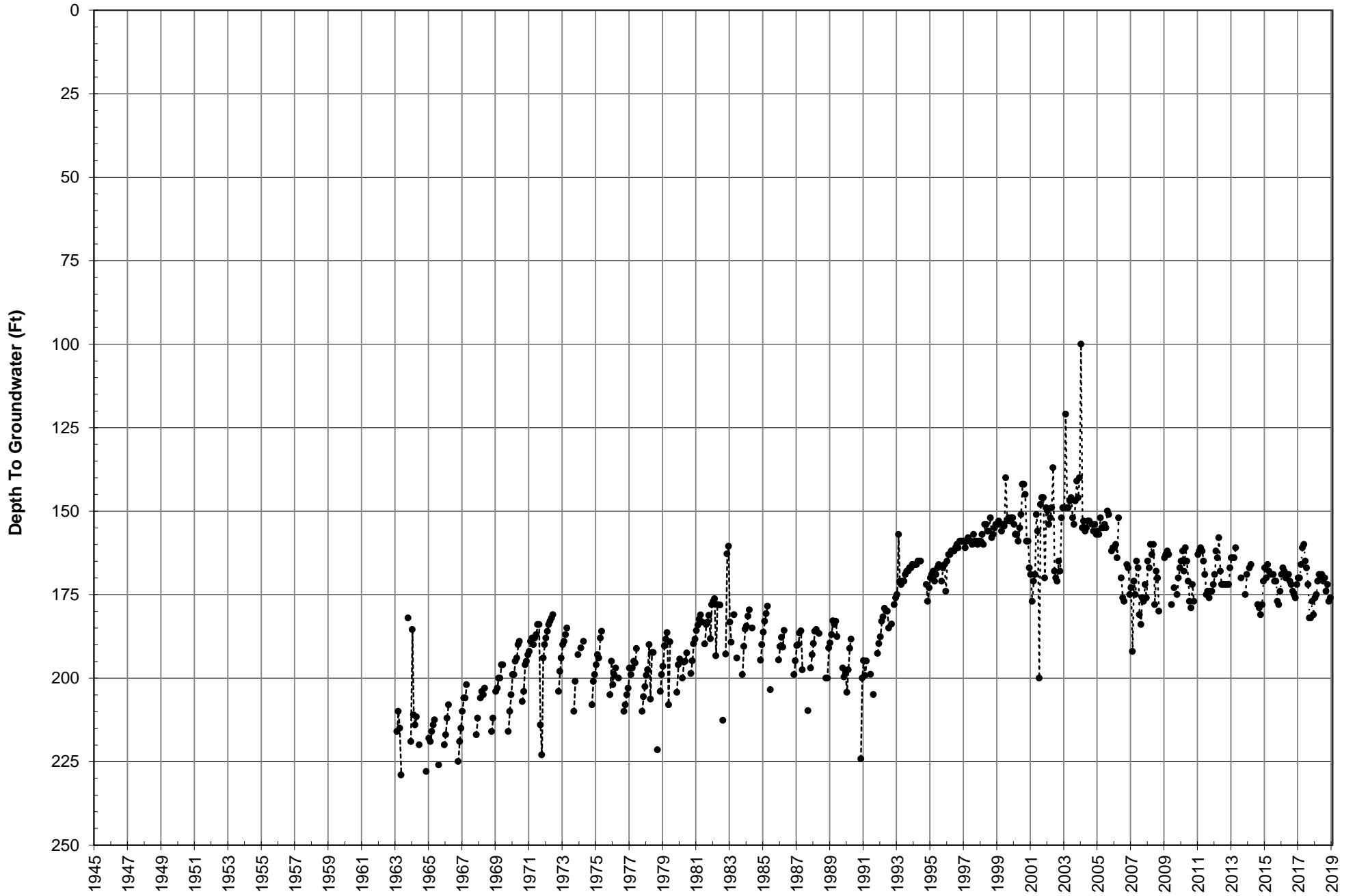
City of Redlands



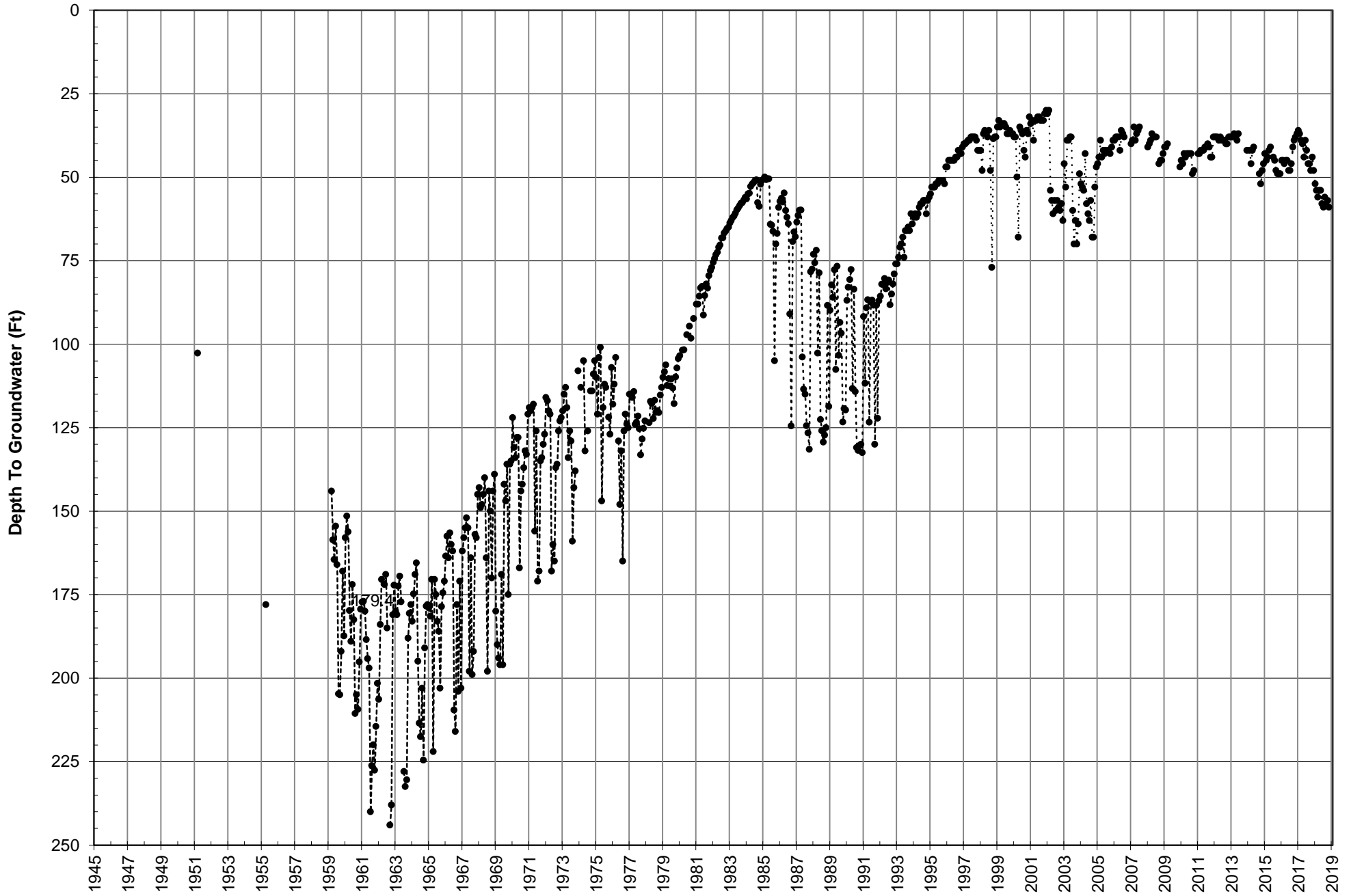


Redlands Heights Index Well Hydrograph

City of Redlands



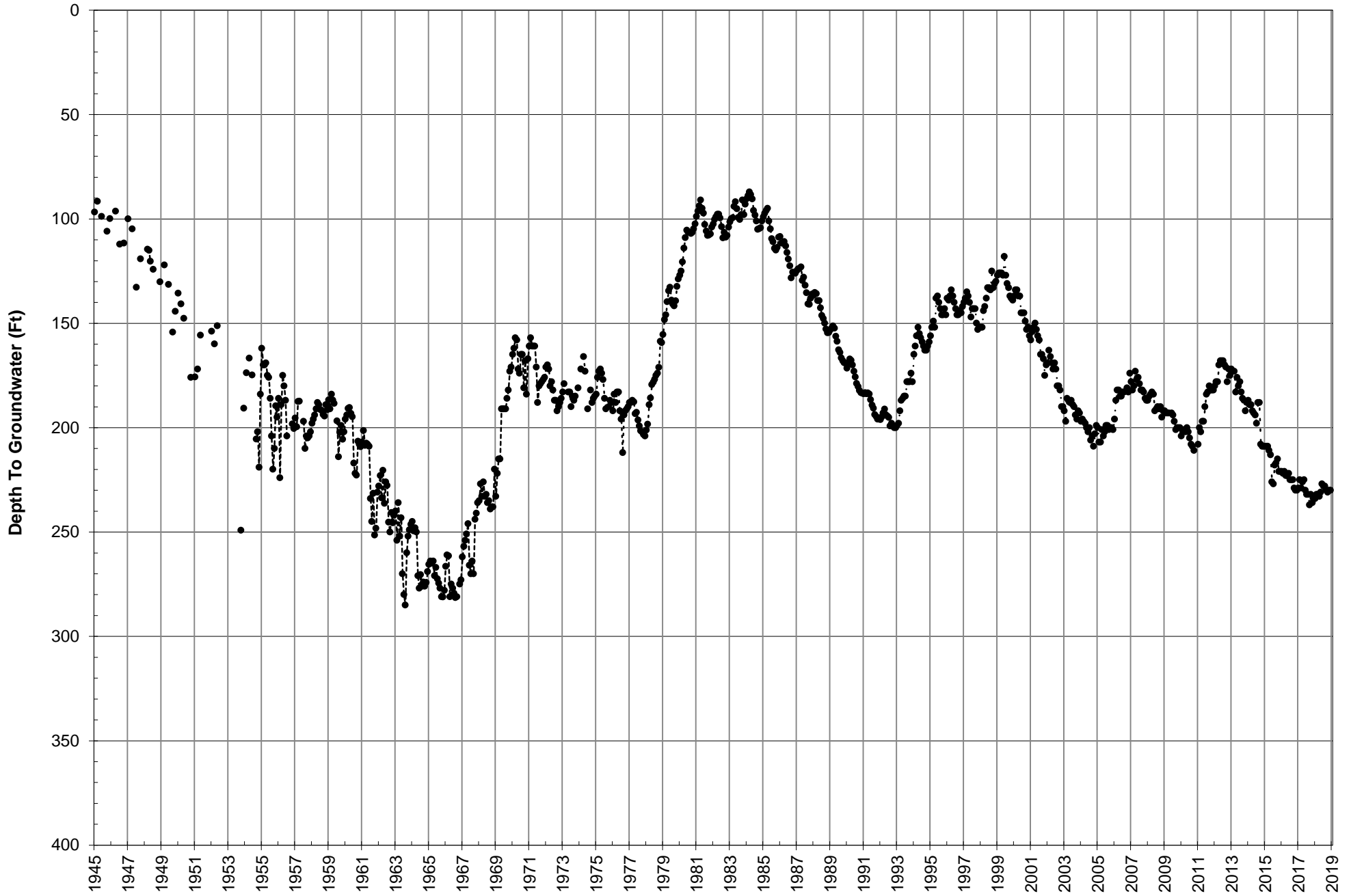
Well #16 Index Well Hydrograph





Well #32 Index Well Hydrograph

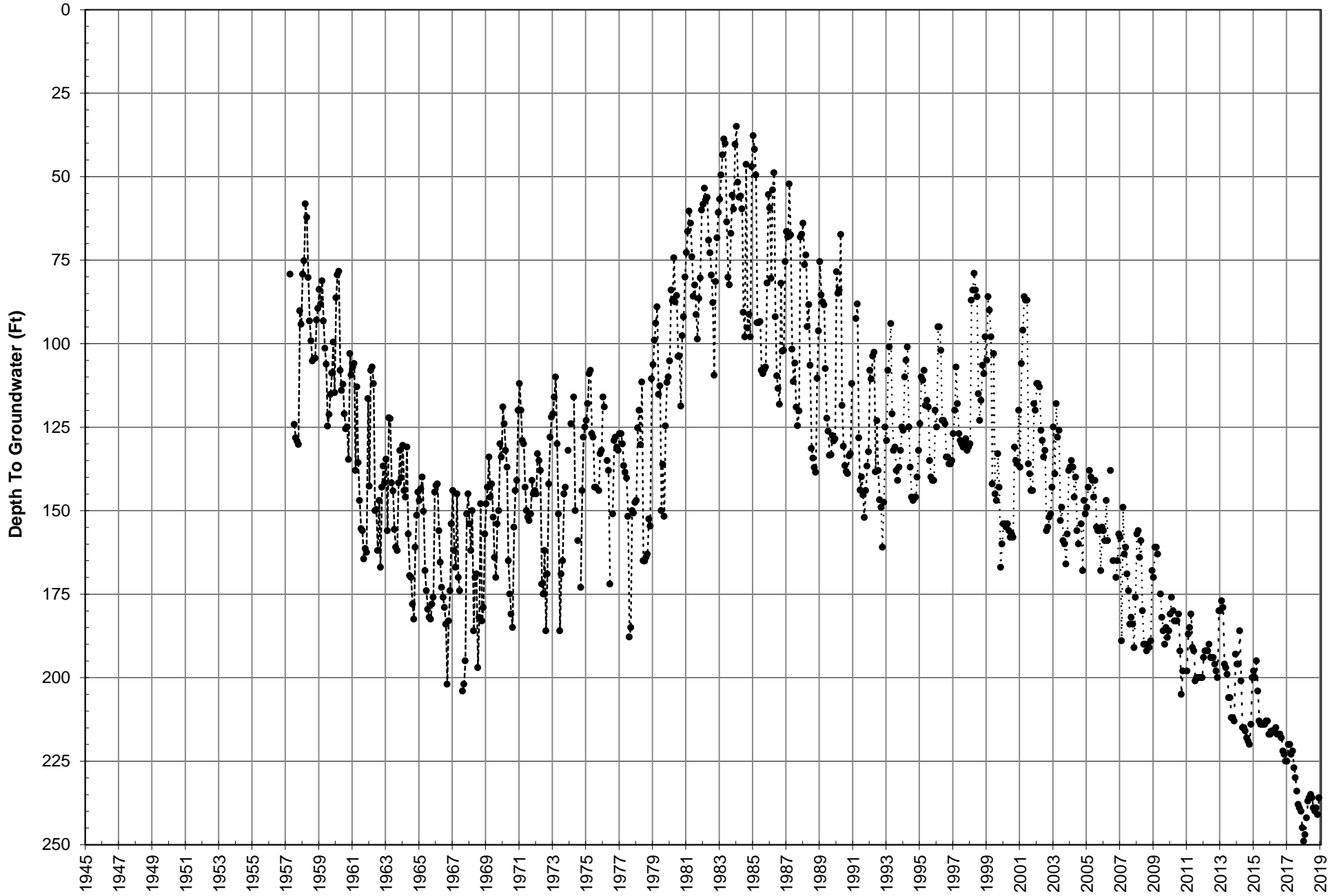
City of Redlands





Well #34 Index Well Hydrograph

City of Redlands





Well #35 Index Well Hydrograph

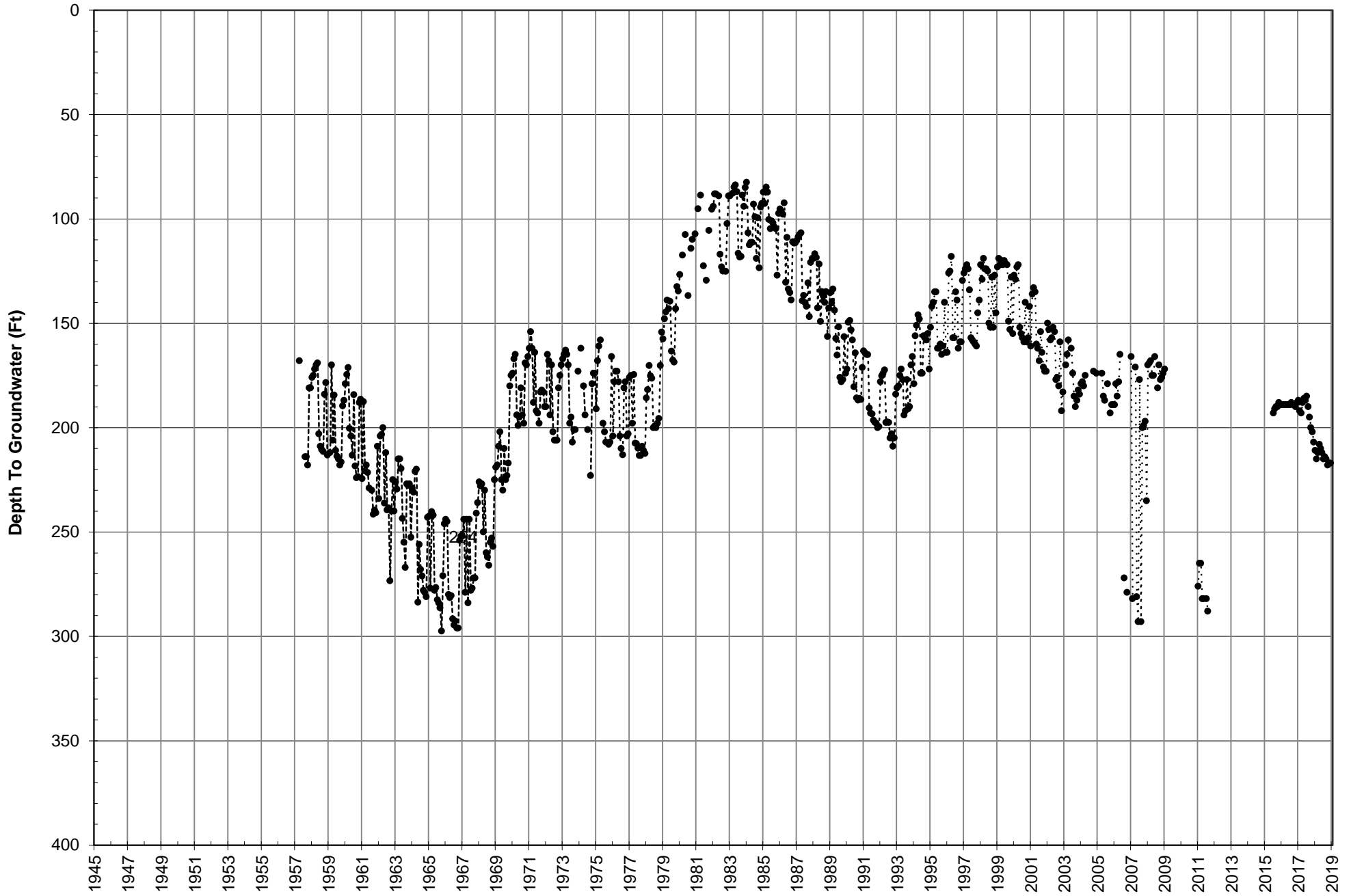
City of Redlands





Well #41 Index Well Hydrograph

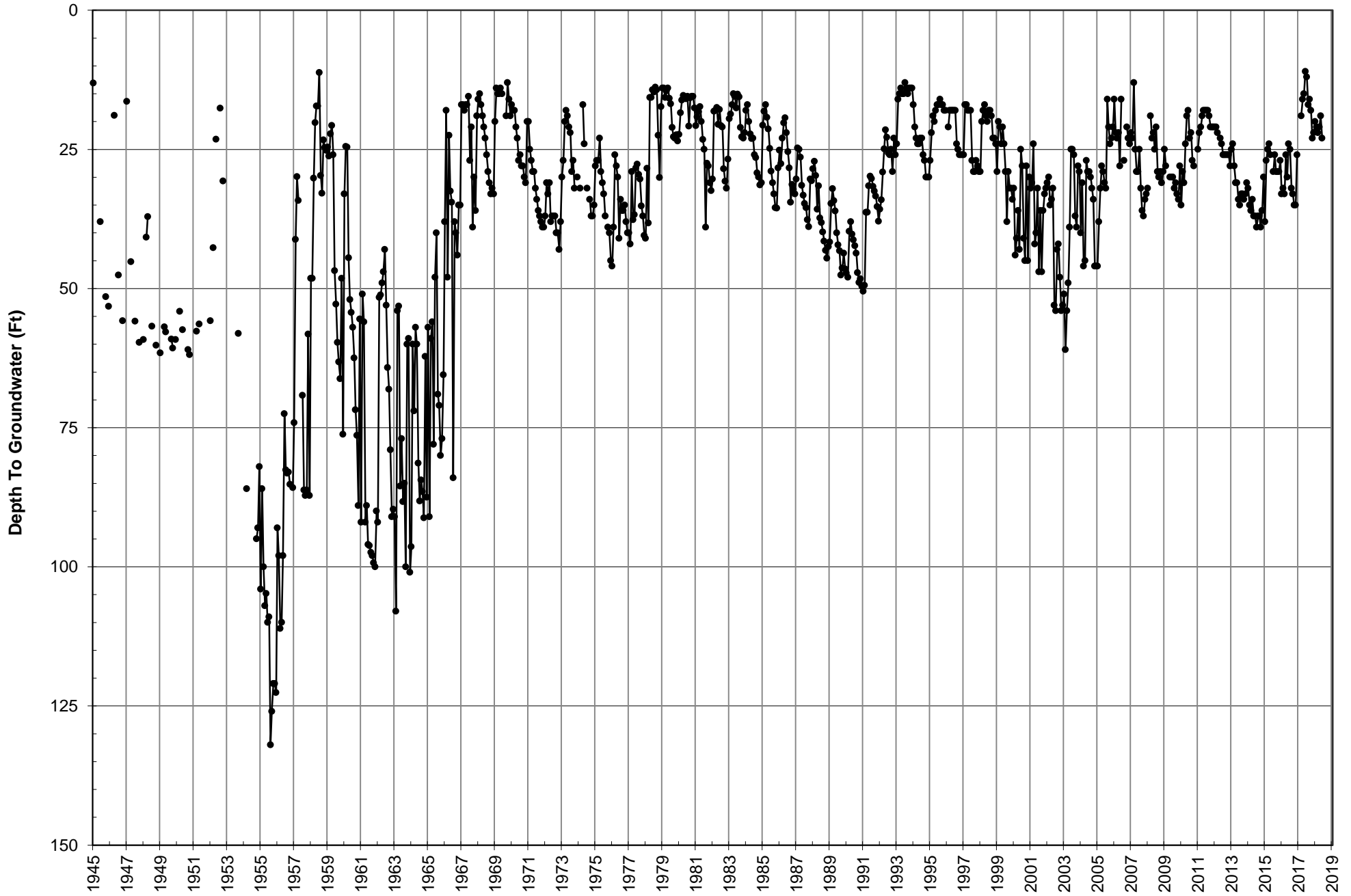
City of Redlands





East Lugonia #3 Index Well Hydrograph

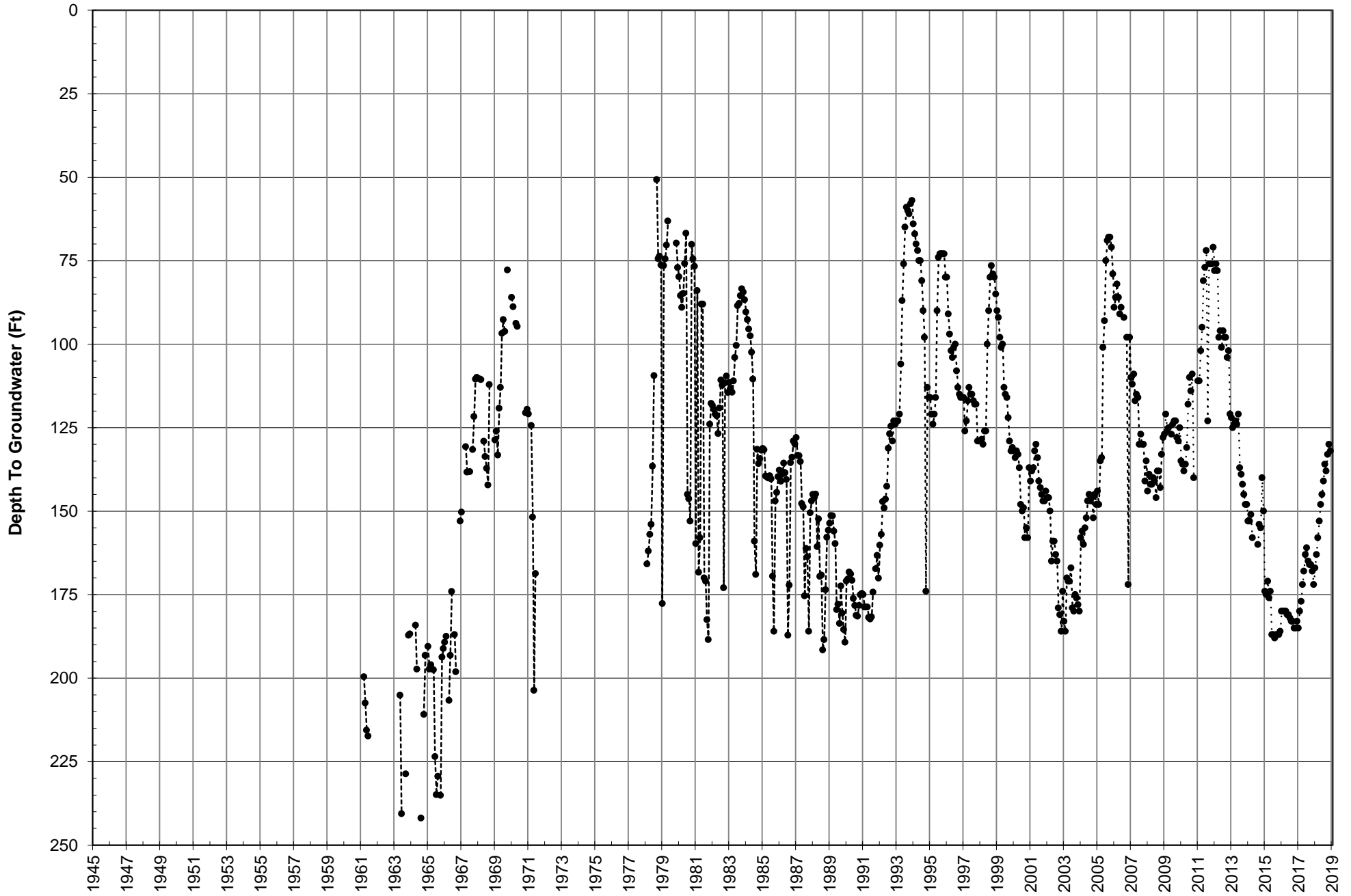
City of Redlands





Agate #1 Index Well Hydrograph

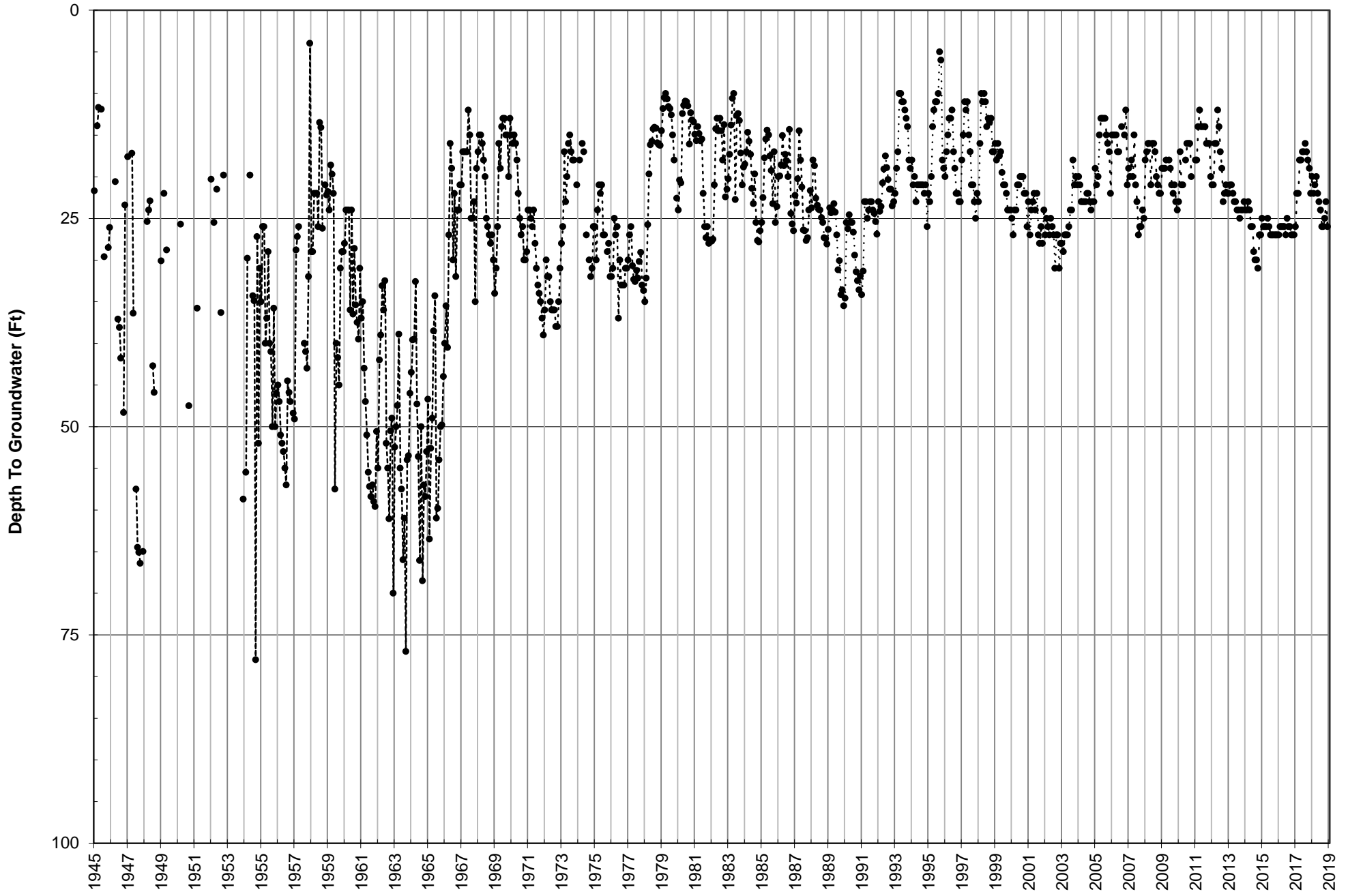
City of Redlands





Maguet #1 Index Well Hydrograph

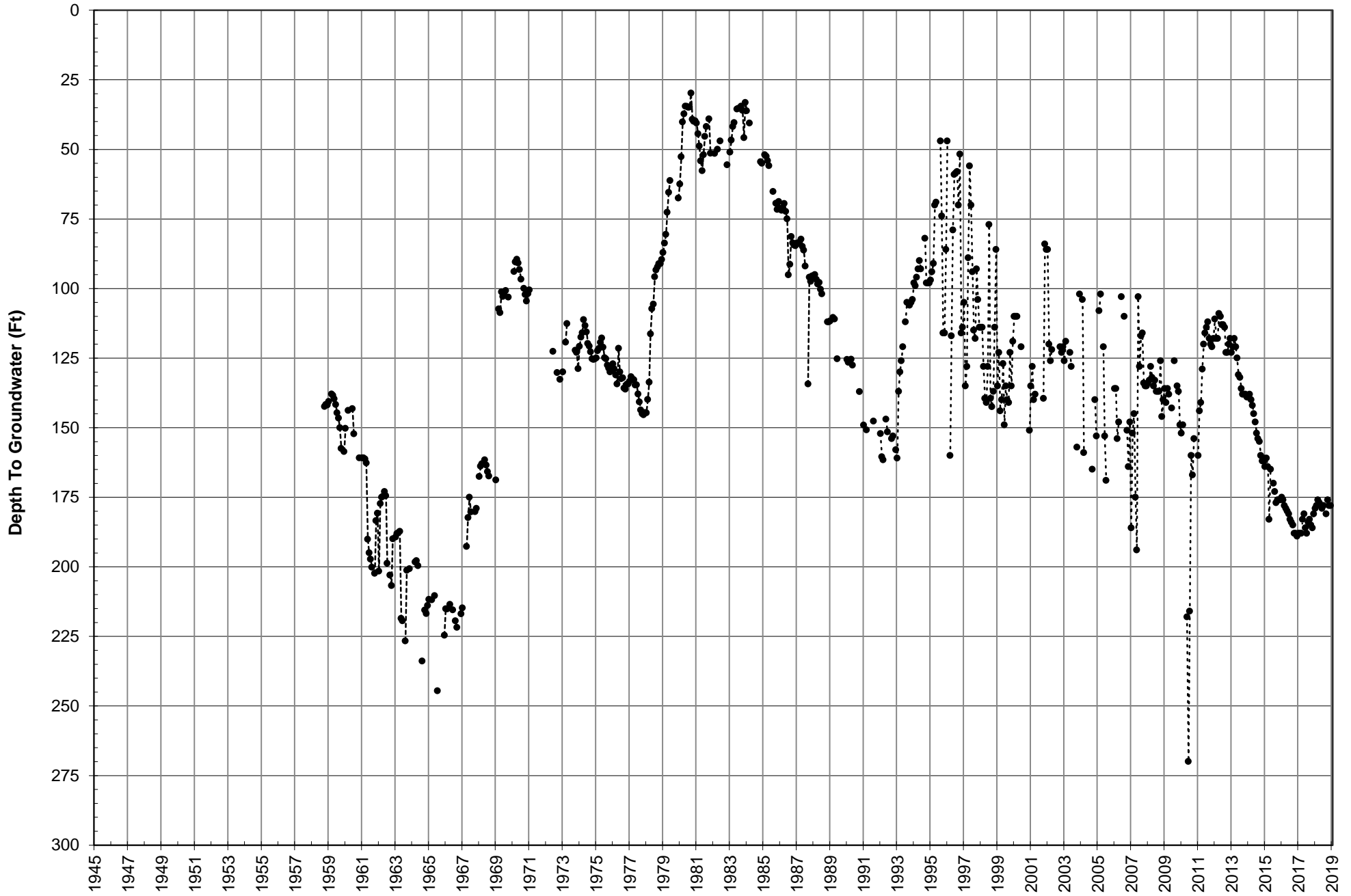
City of Redlands





Orange St. Index Well Hydrograph

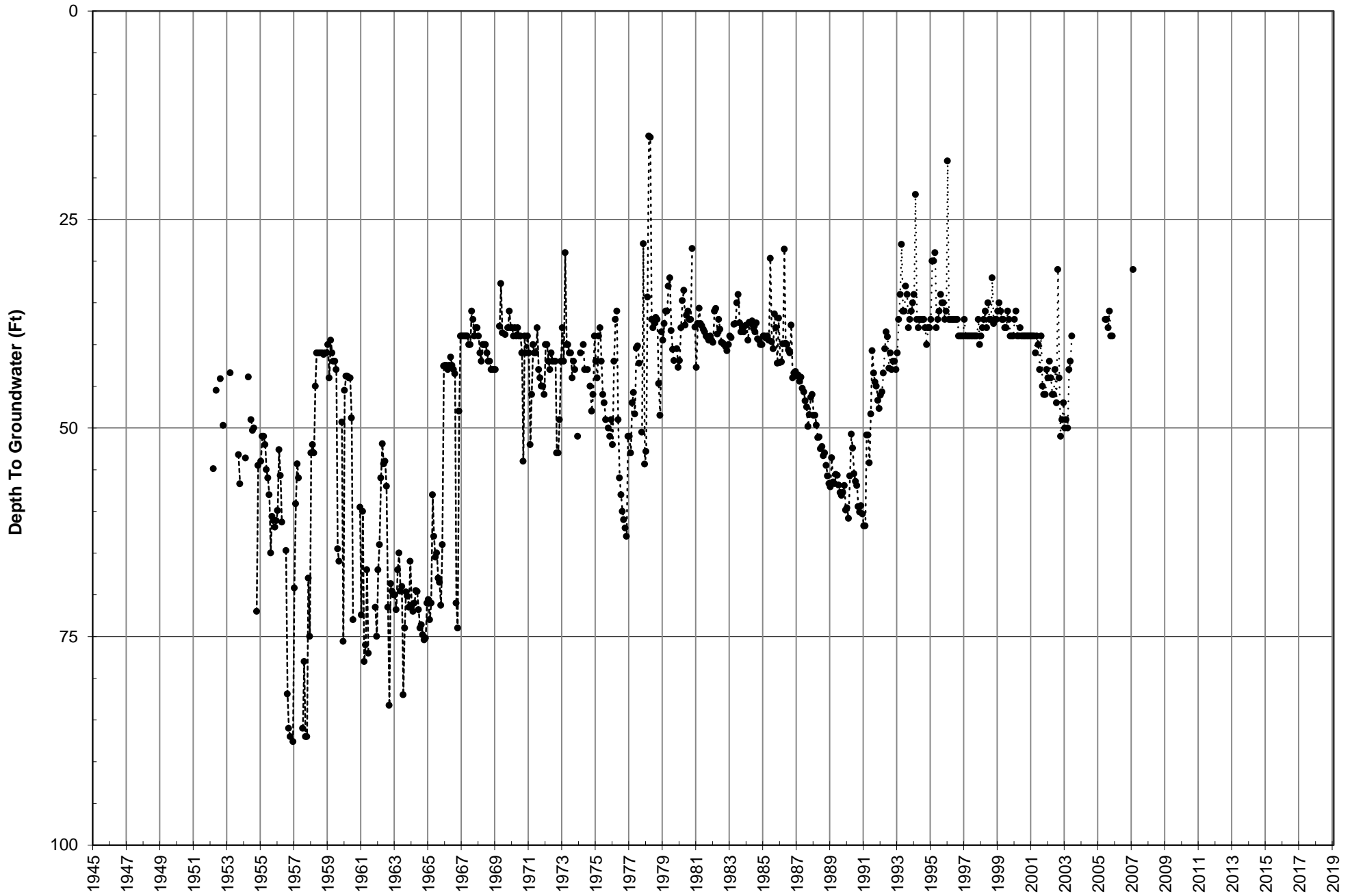
City of Redlands





East Lugonia #2 Index Well Hydrograph

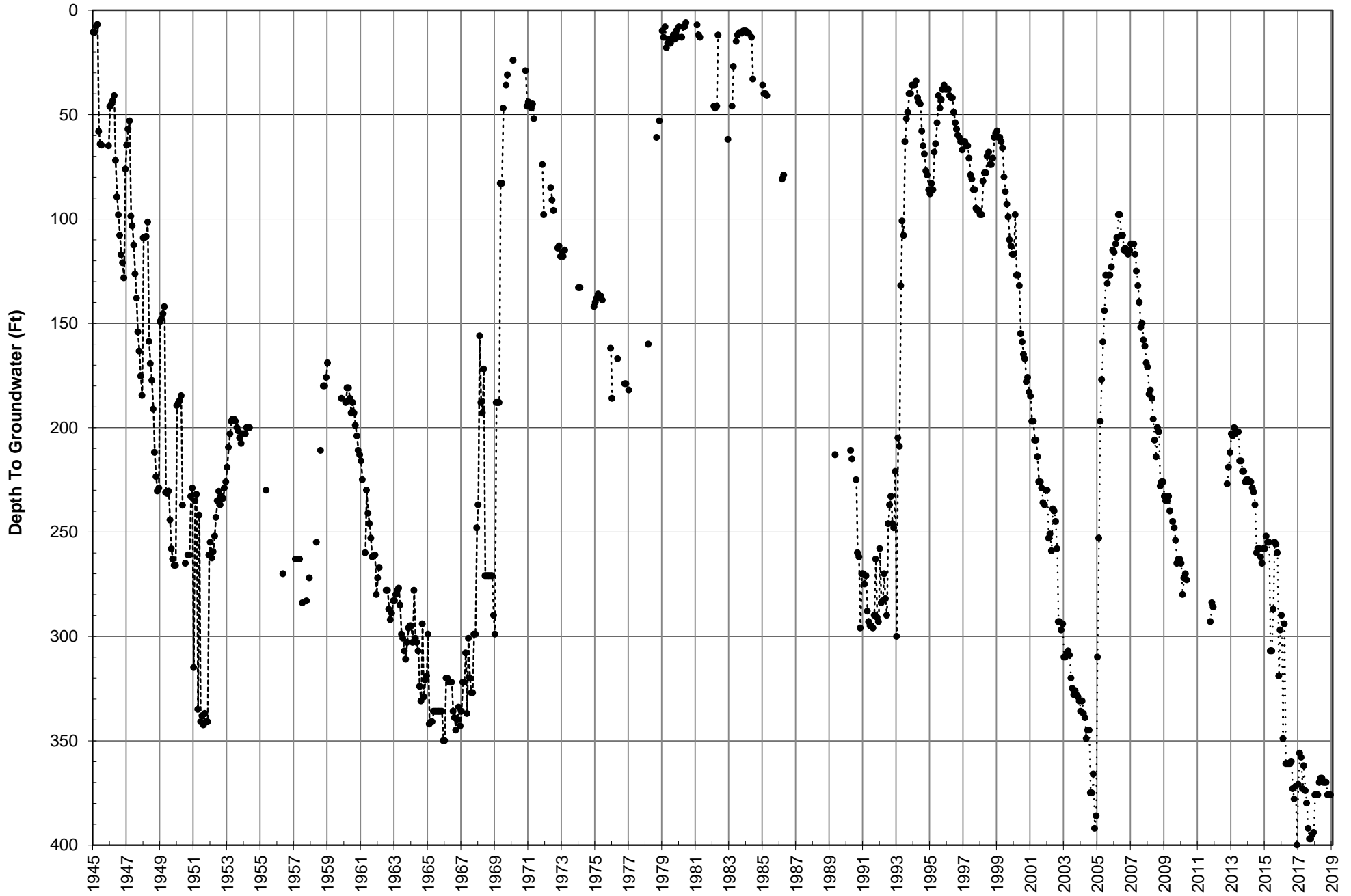
City of Redlands





City No. 1 Index Well Hydrograph

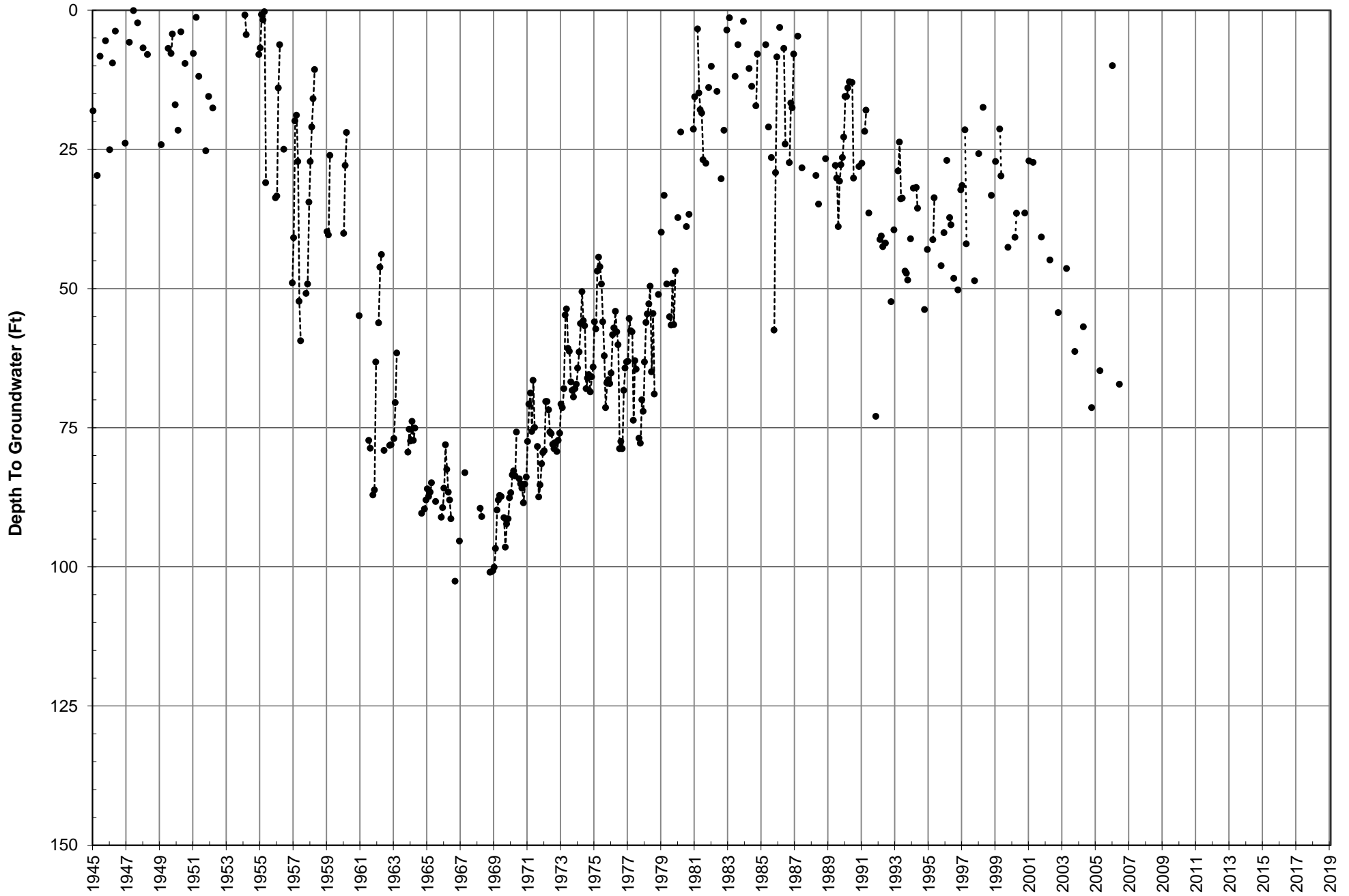
City of Rialto





Thorne No. 10 Index Well Hydrograph

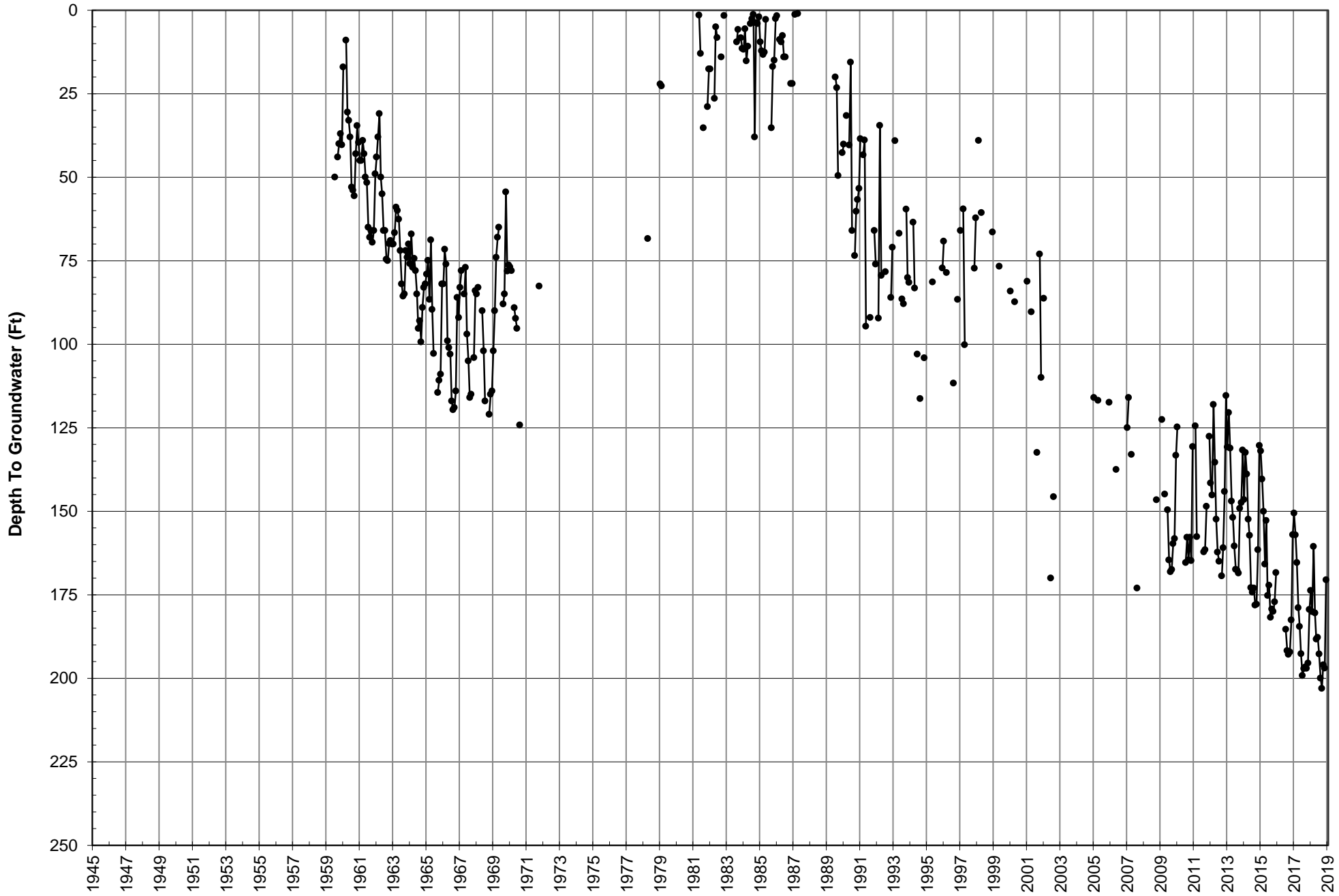
City of Riverside





Stewart No. 20 Index Well Hydrograph

City of Riverside



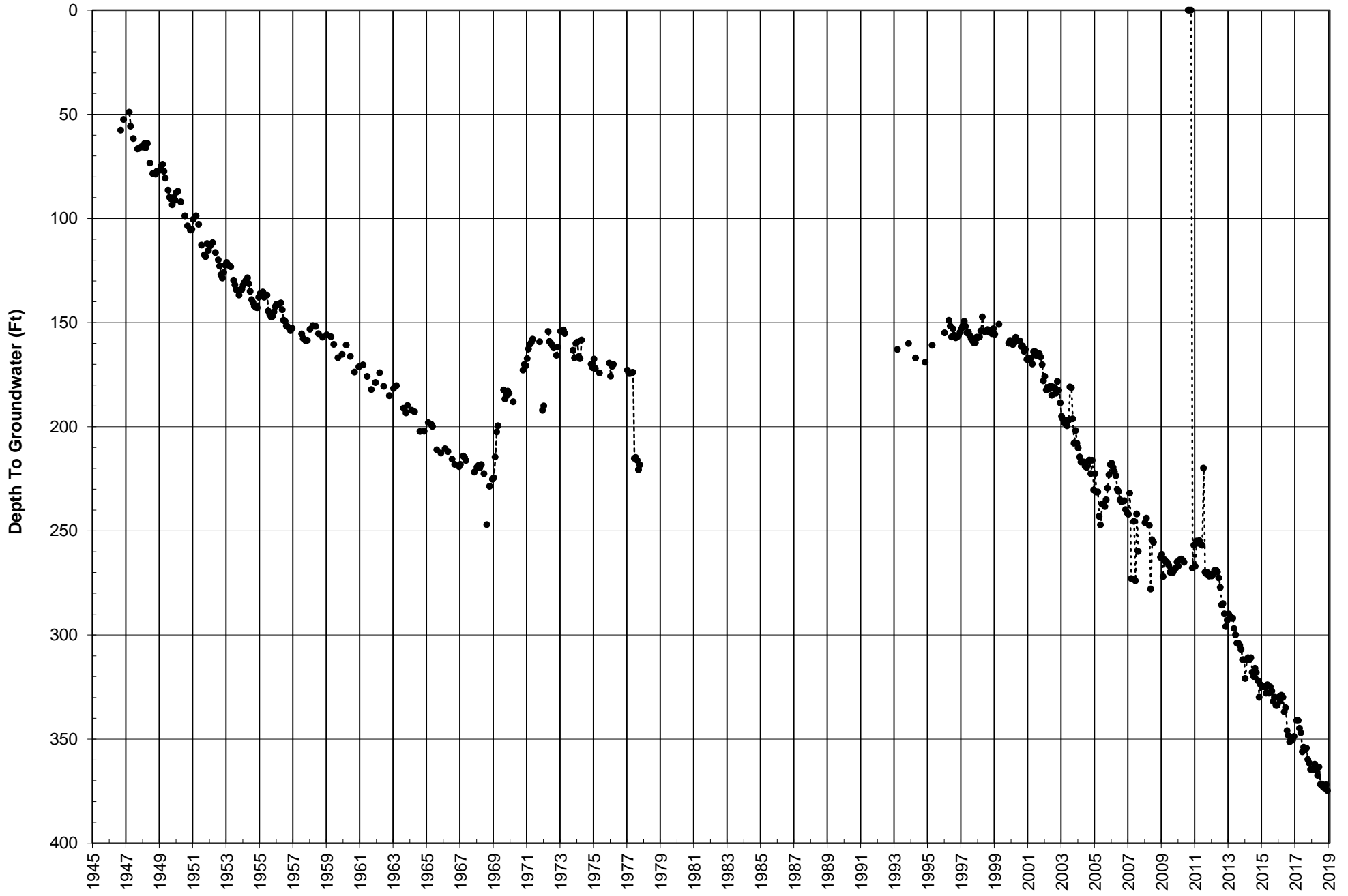
Cooley D Index Well Hydrograph





Baseline & California Index Well Hydrograph

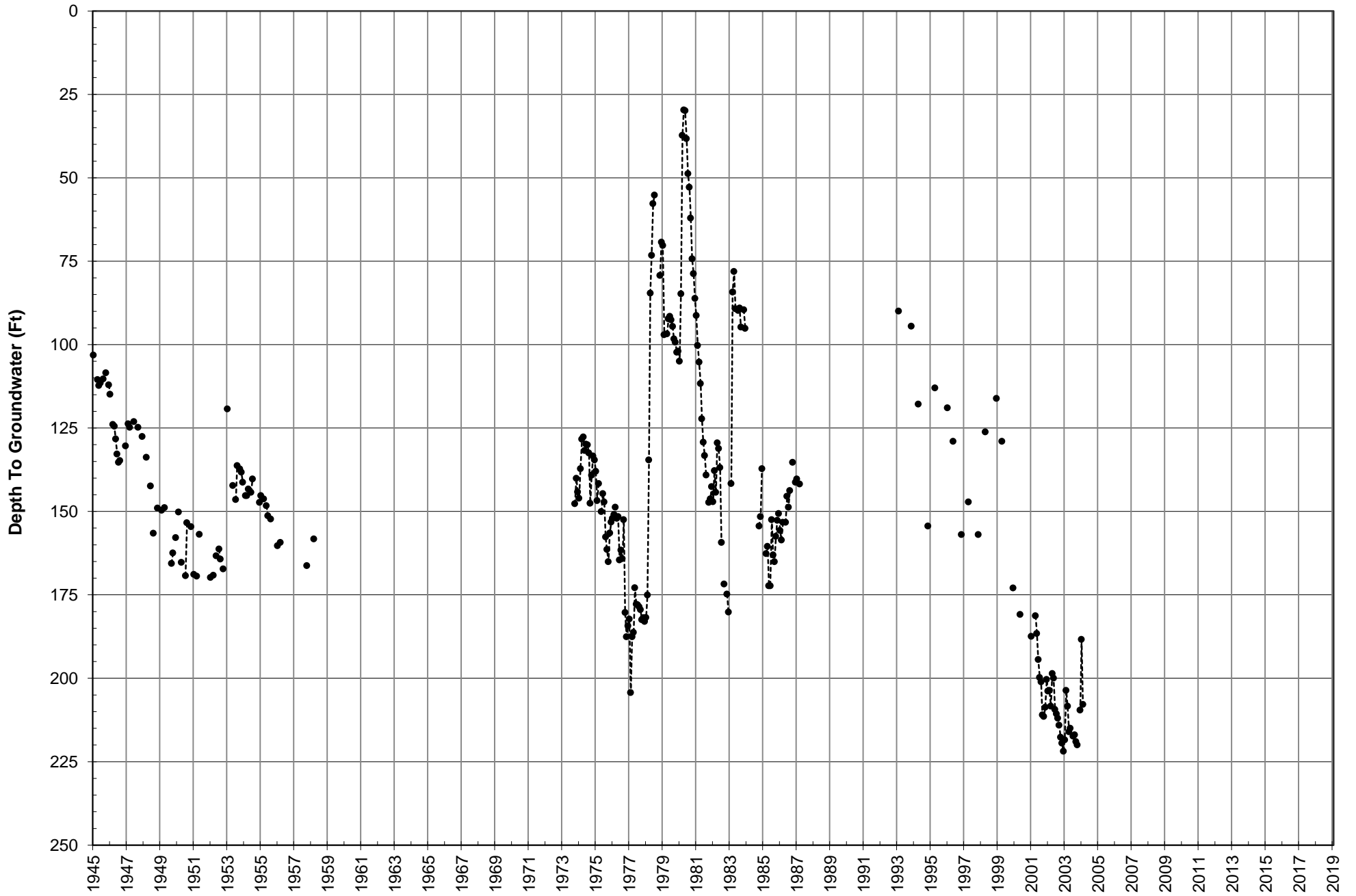
City of San Bernardino





Cajon Well No. 1 Index Well Hydrograph

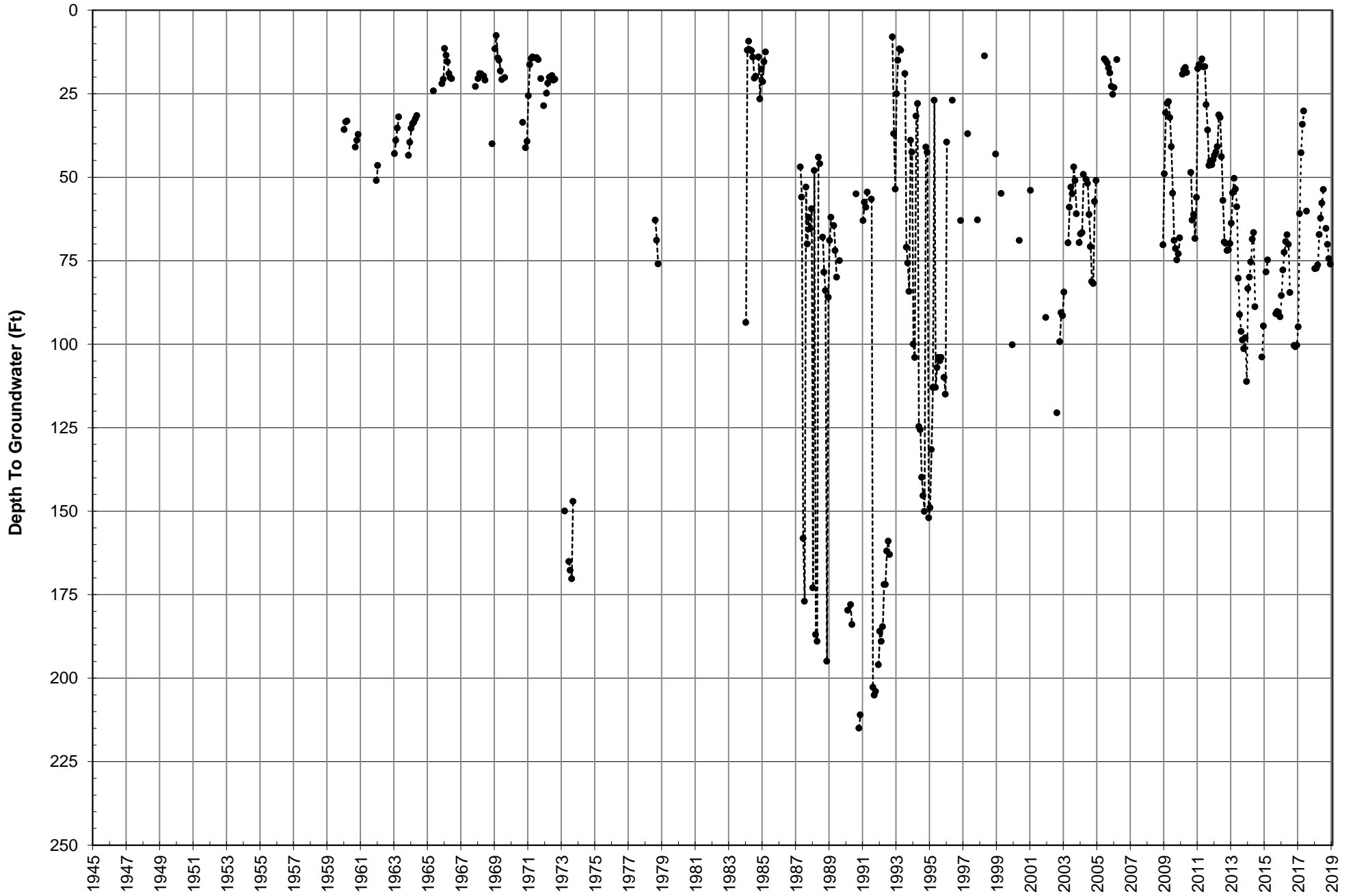
City of San Bernardino





Cajon Canyon Index Well Hydrograph

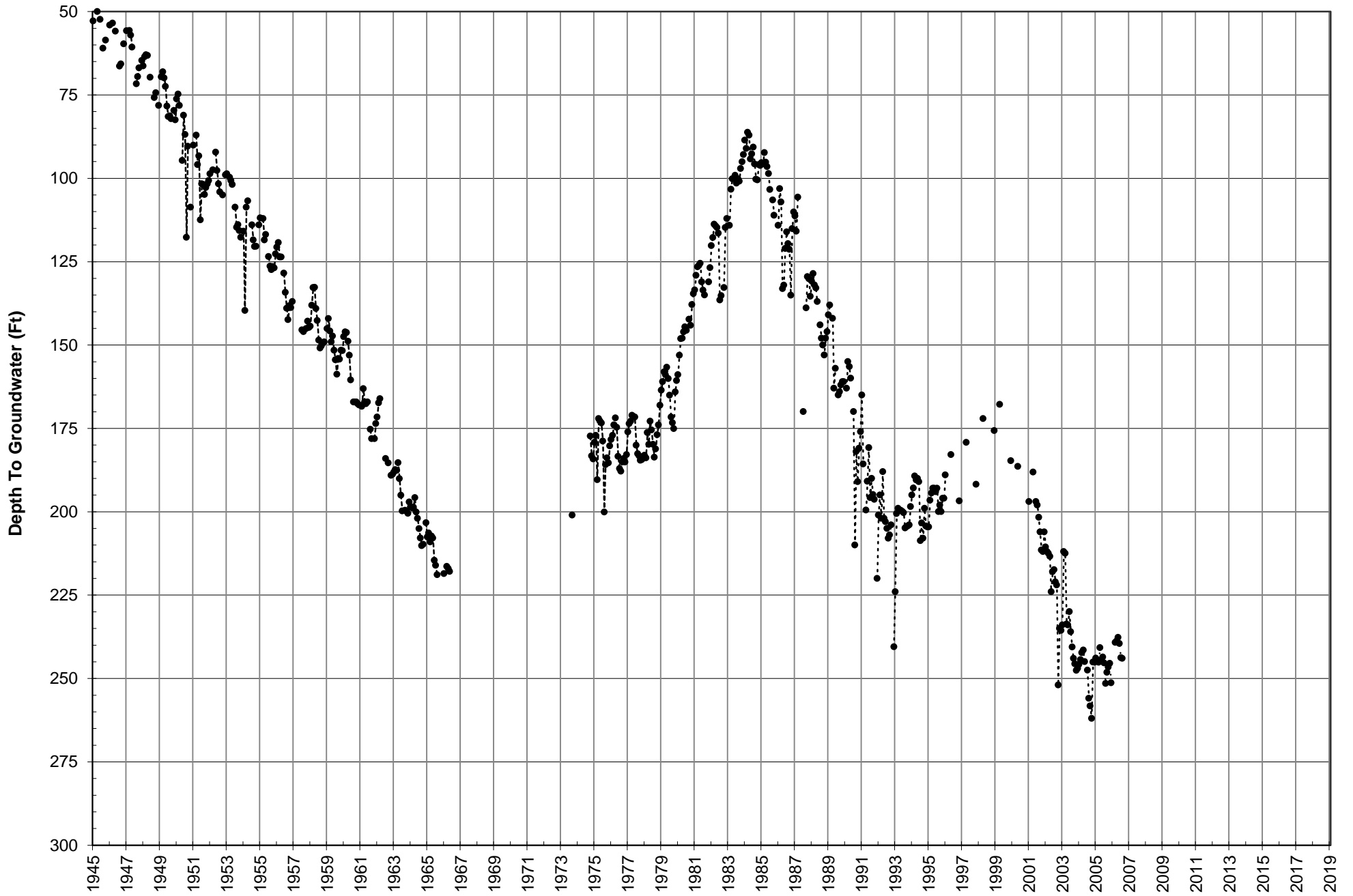
City of San Bernardino





Perris Hill No. 3 Index Well Hydrograph

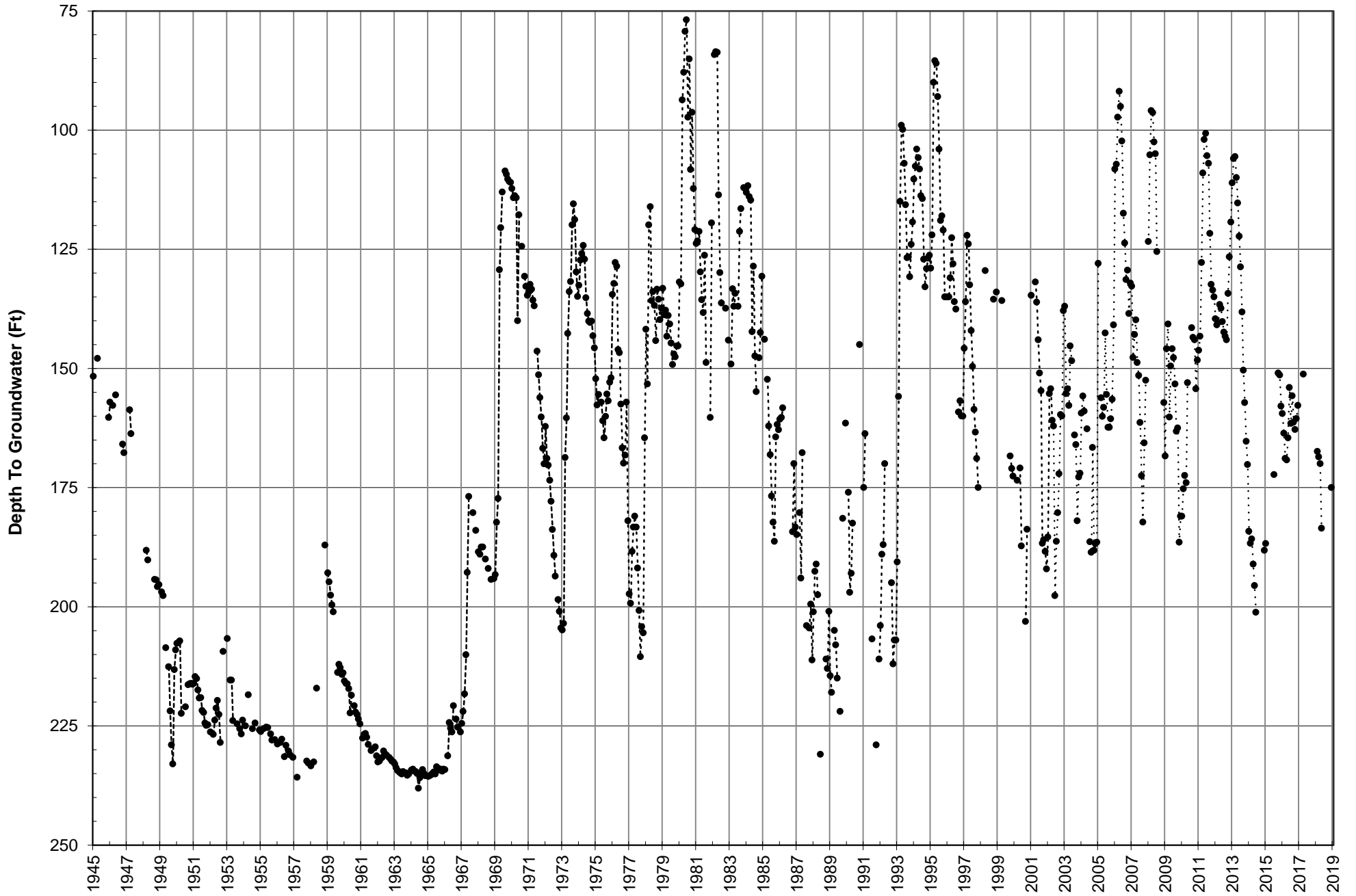
City of San Bernardino





Devil Canyon No. 1 Index Well Hydrograph

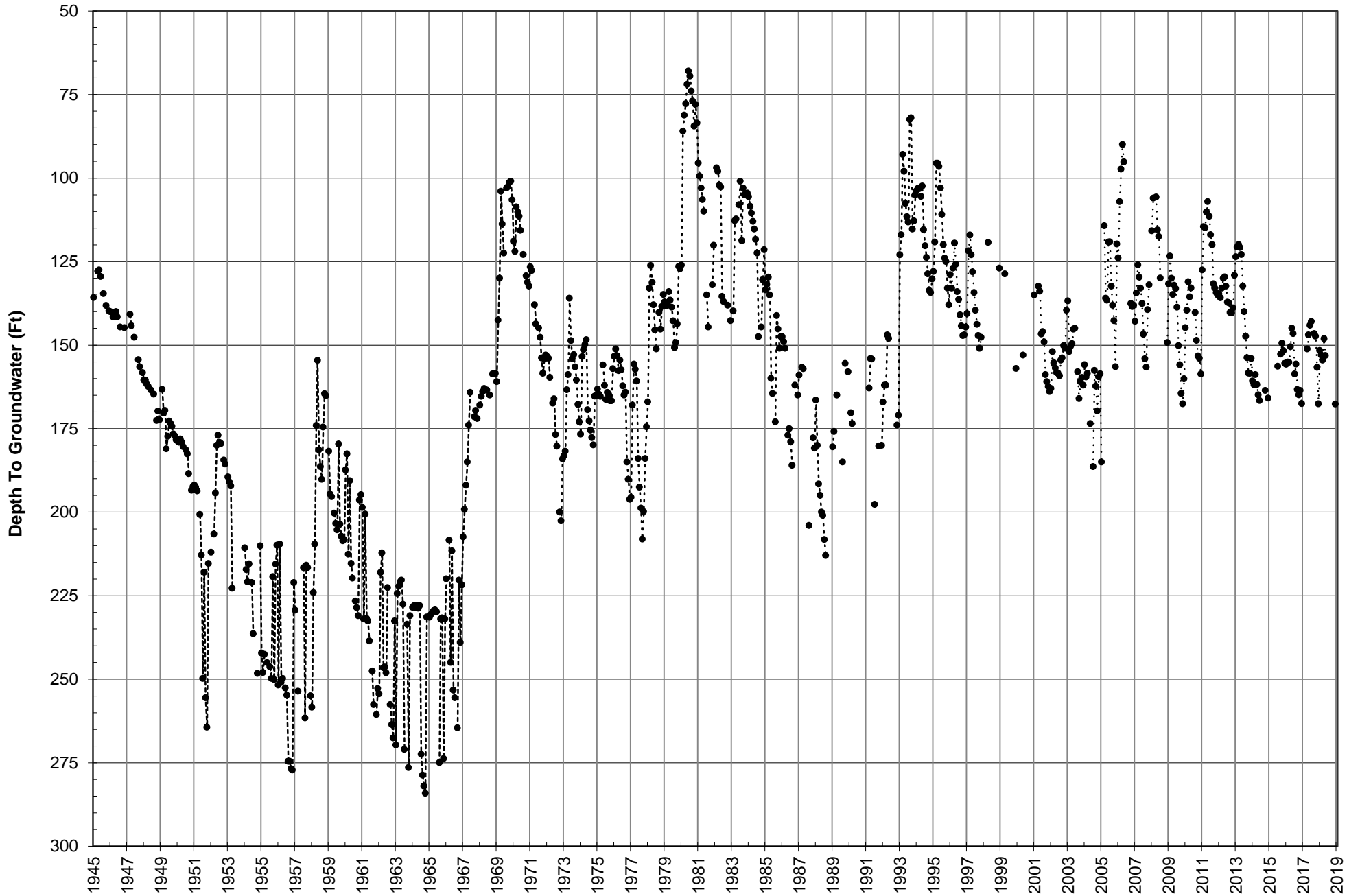
City of San Bernardino





Devil Canyon No. 2 Index Well Hydrograph

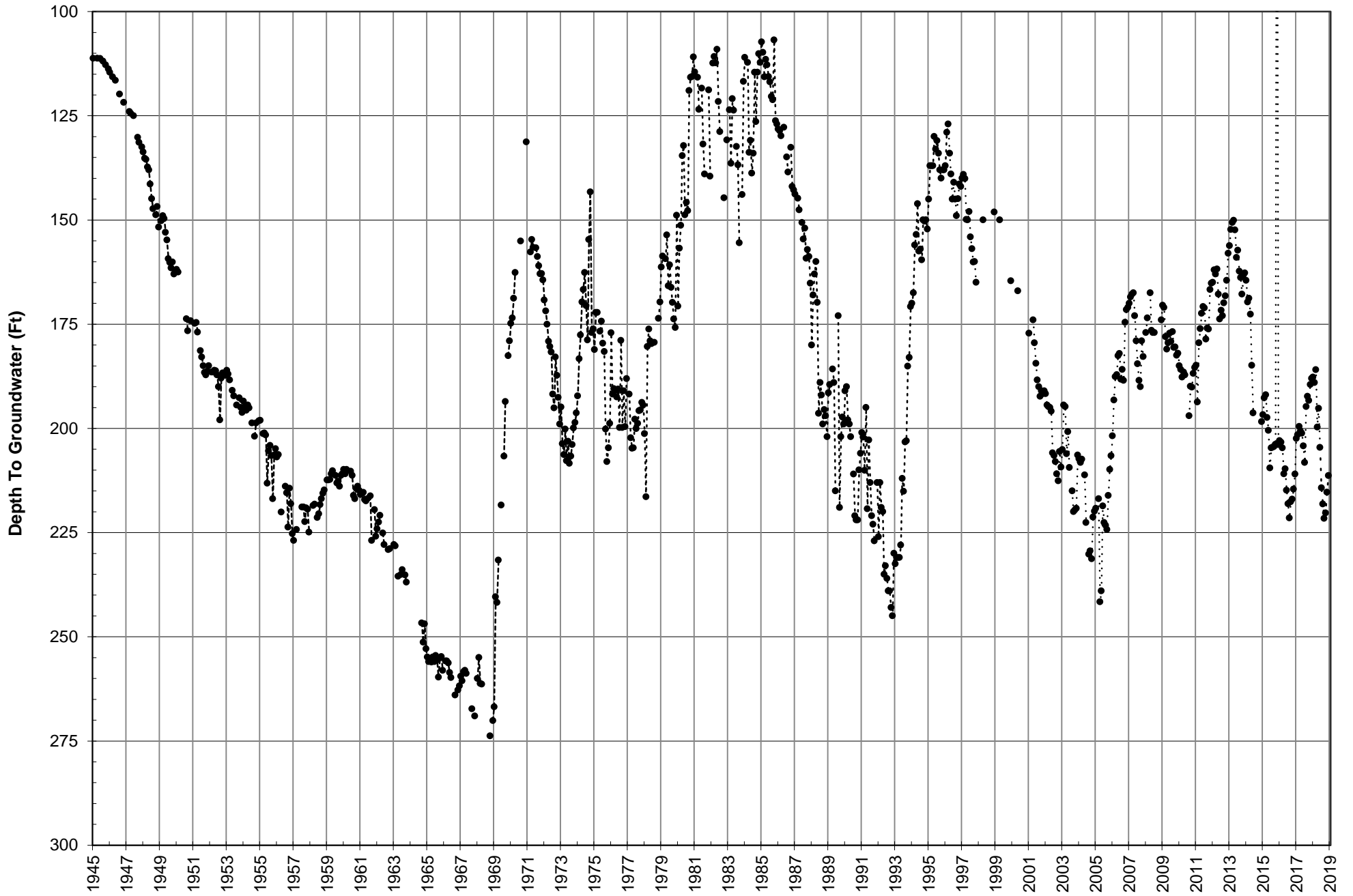
City of San Bernardino





Newmark No. 1 Index Well Hydrograph

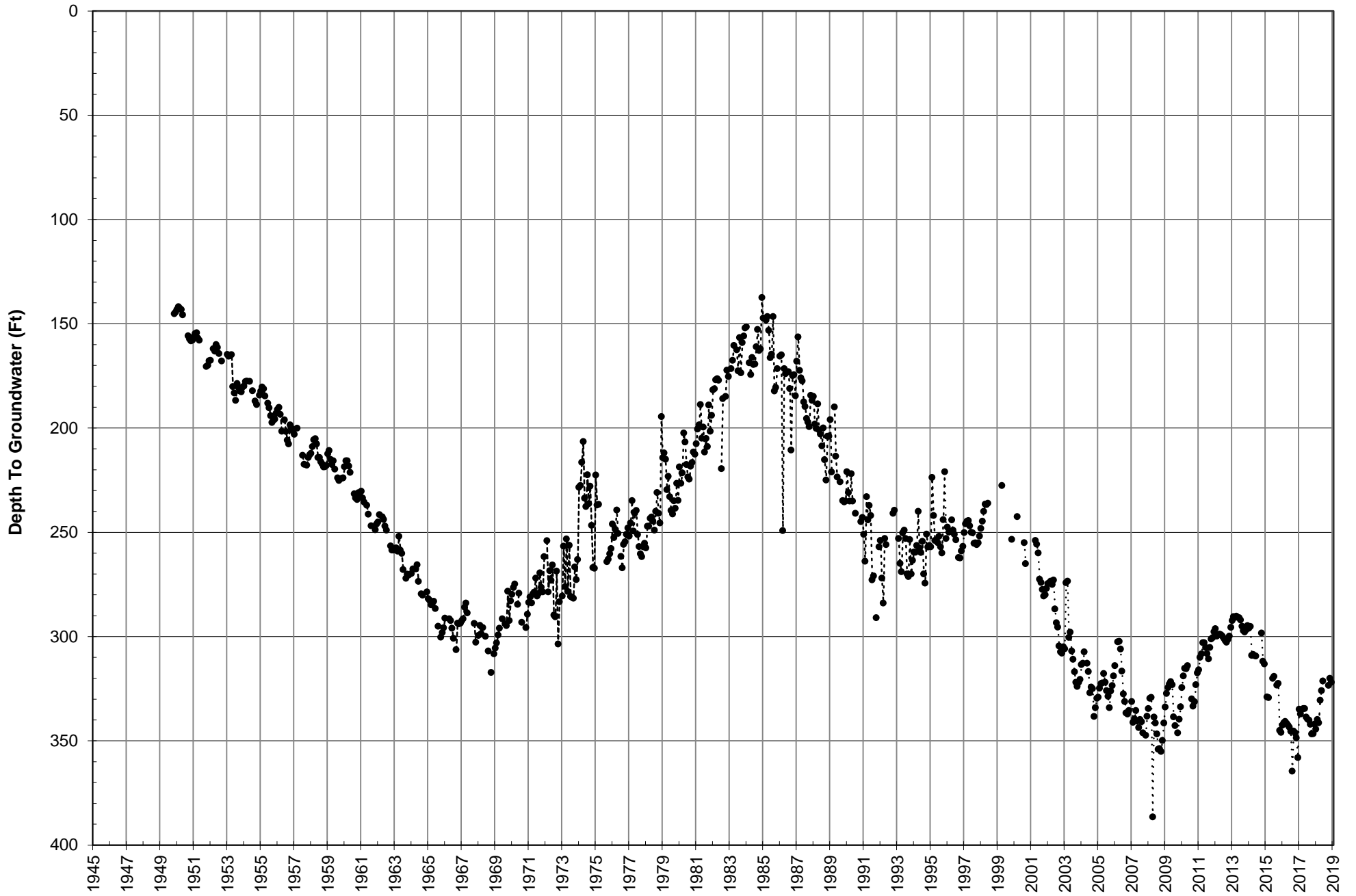
City of San Bernardino





Waterman Ave. Index Well Hydrograph

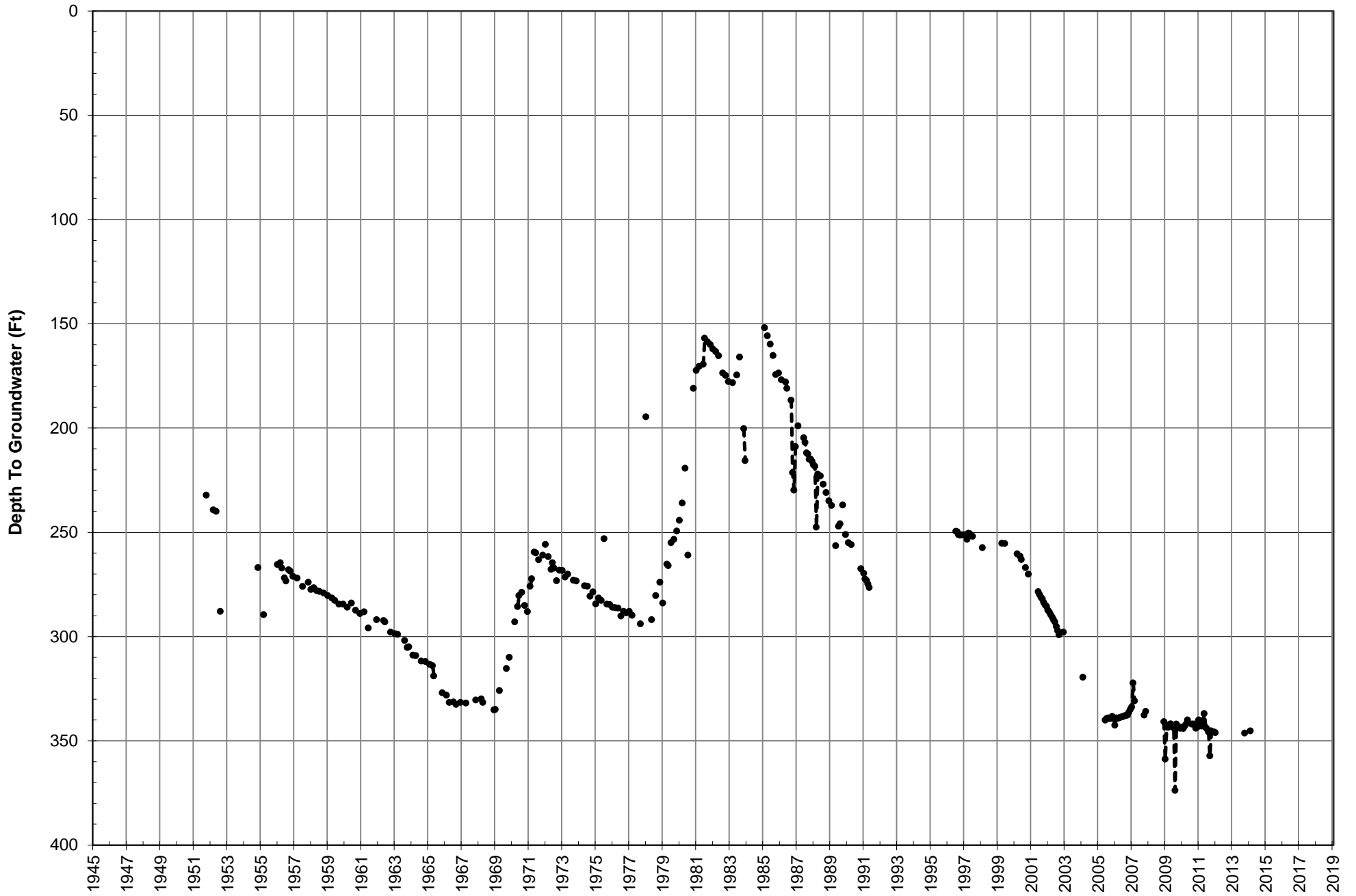
City of San Bernardino





PaperBoard Index Well Hydrograph

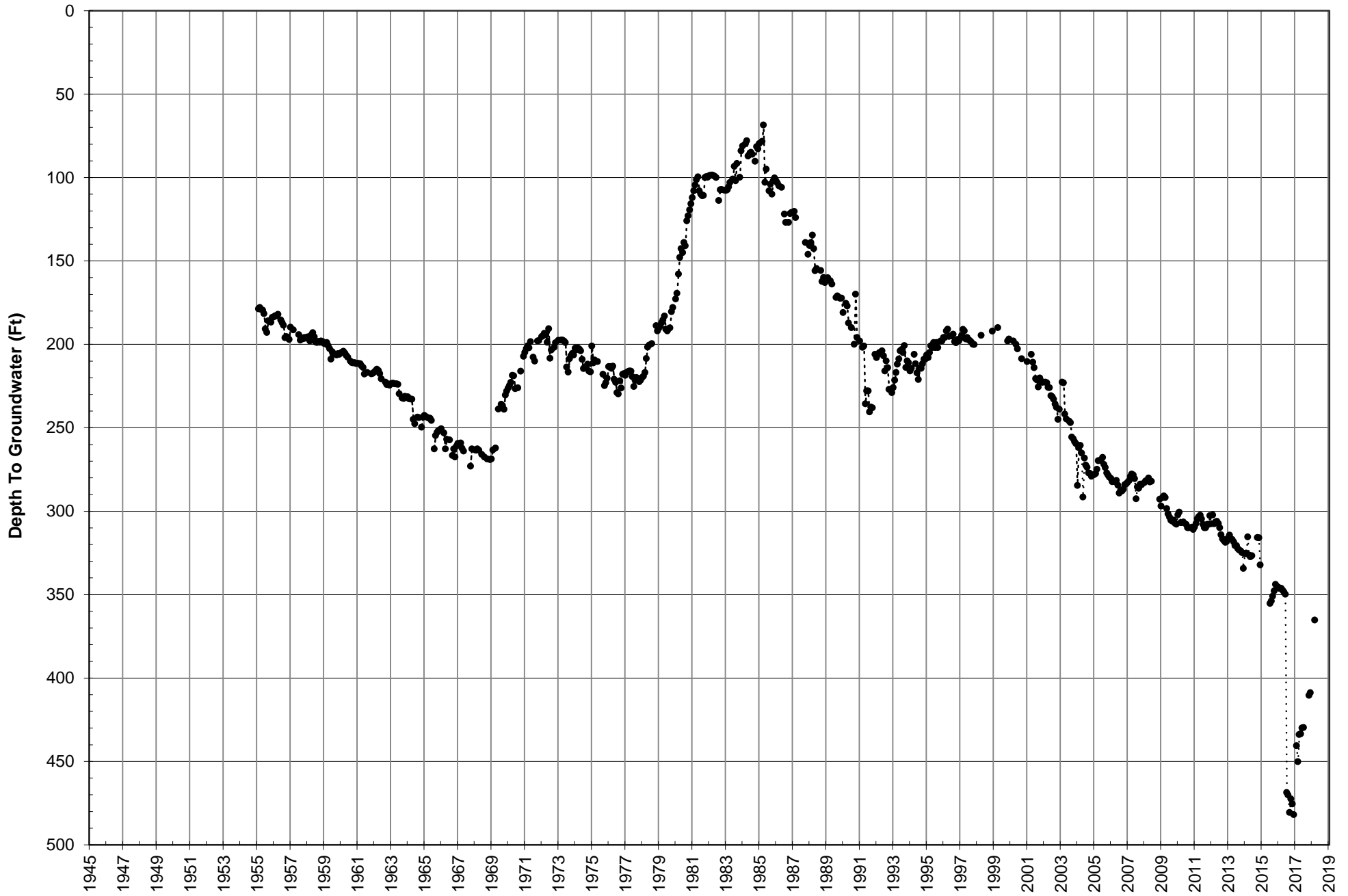
City of San Bernardino





19th St. No. 2 Index Well Hydrograph

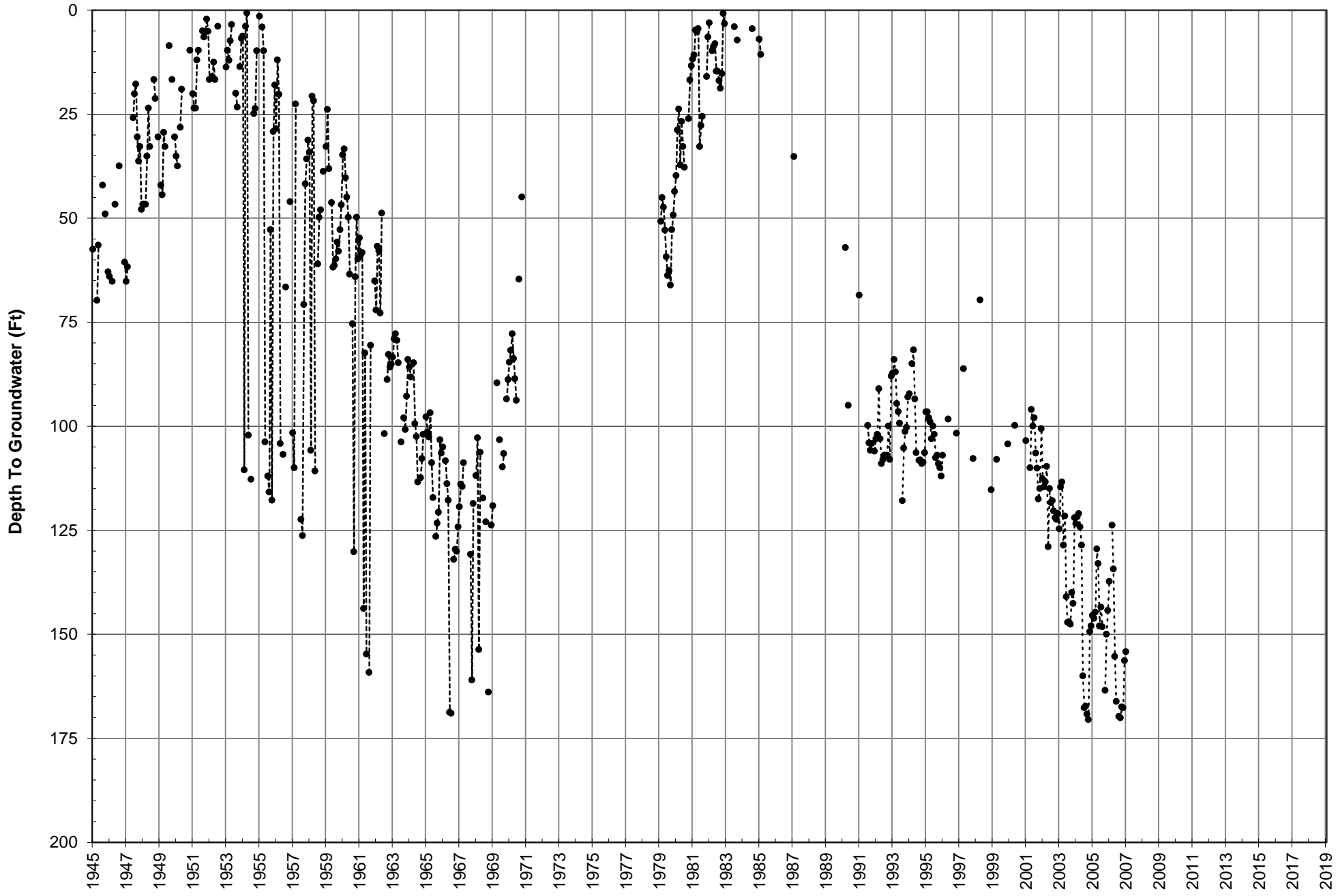
City of San Bernardino





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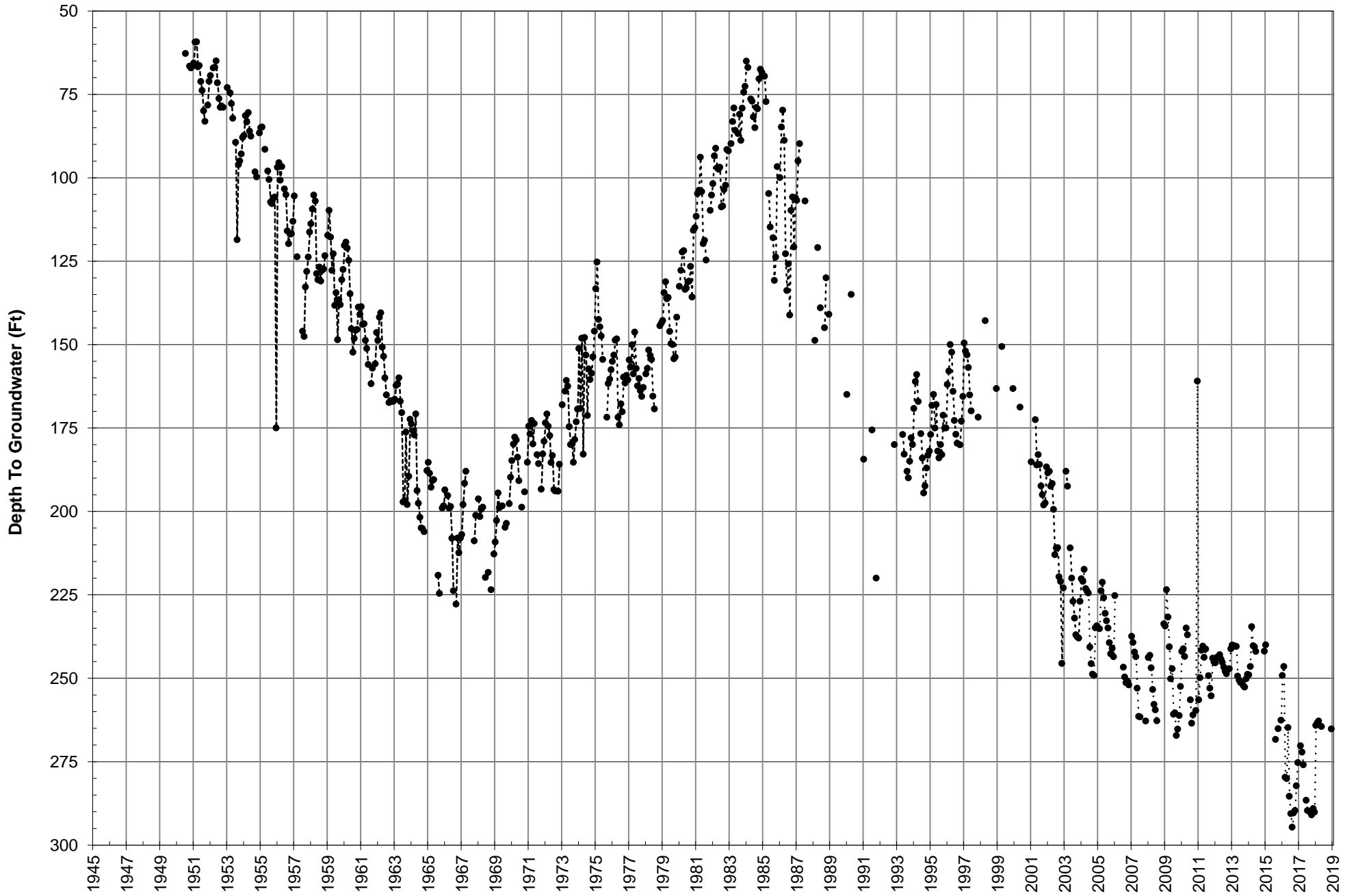
City of San Bernardino





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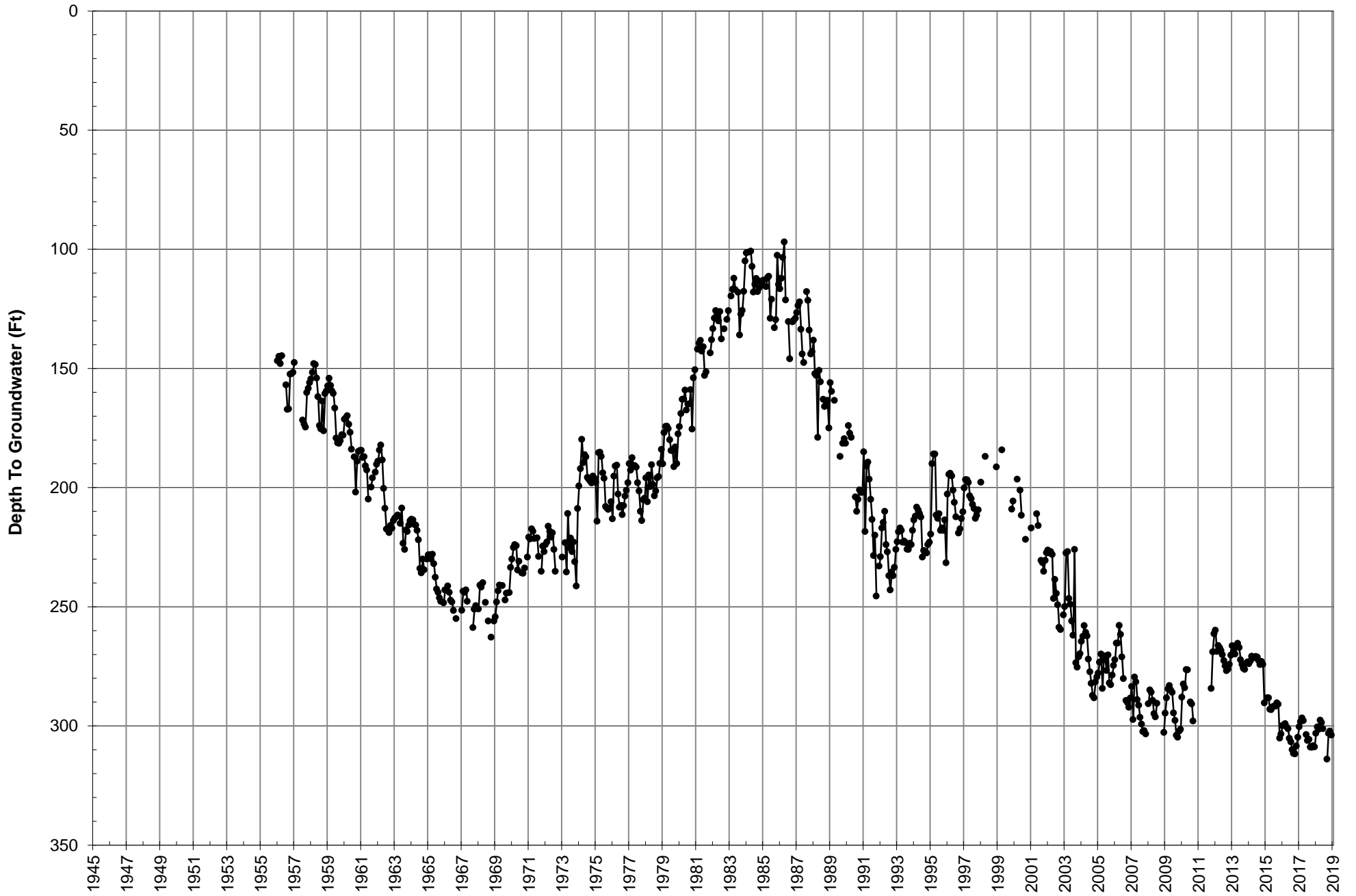
City of San Bernardino





27th St. Index Well Hydrograph

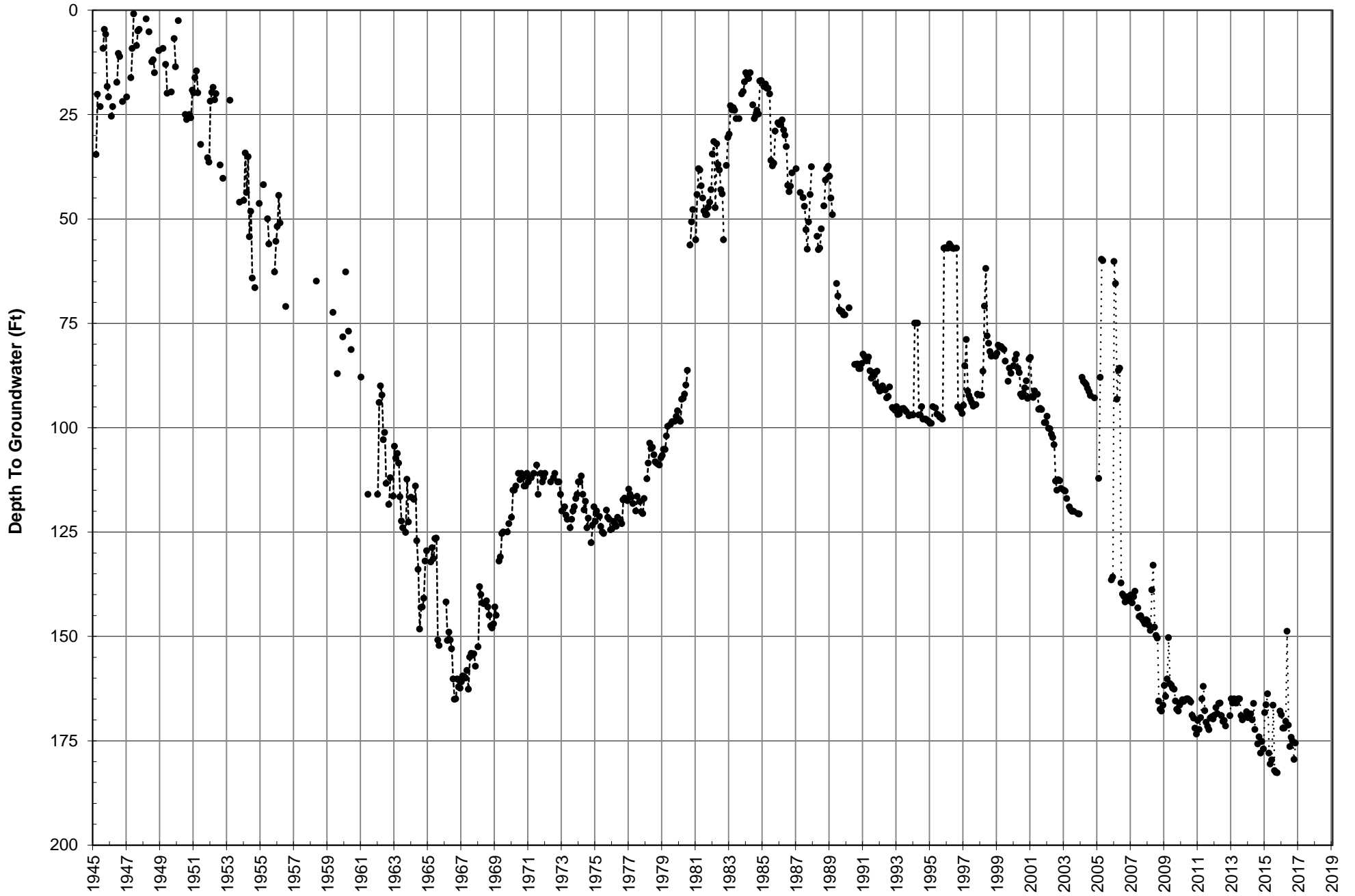
City of San Bernardino





Plant No. 6 Index Well Hydrograph

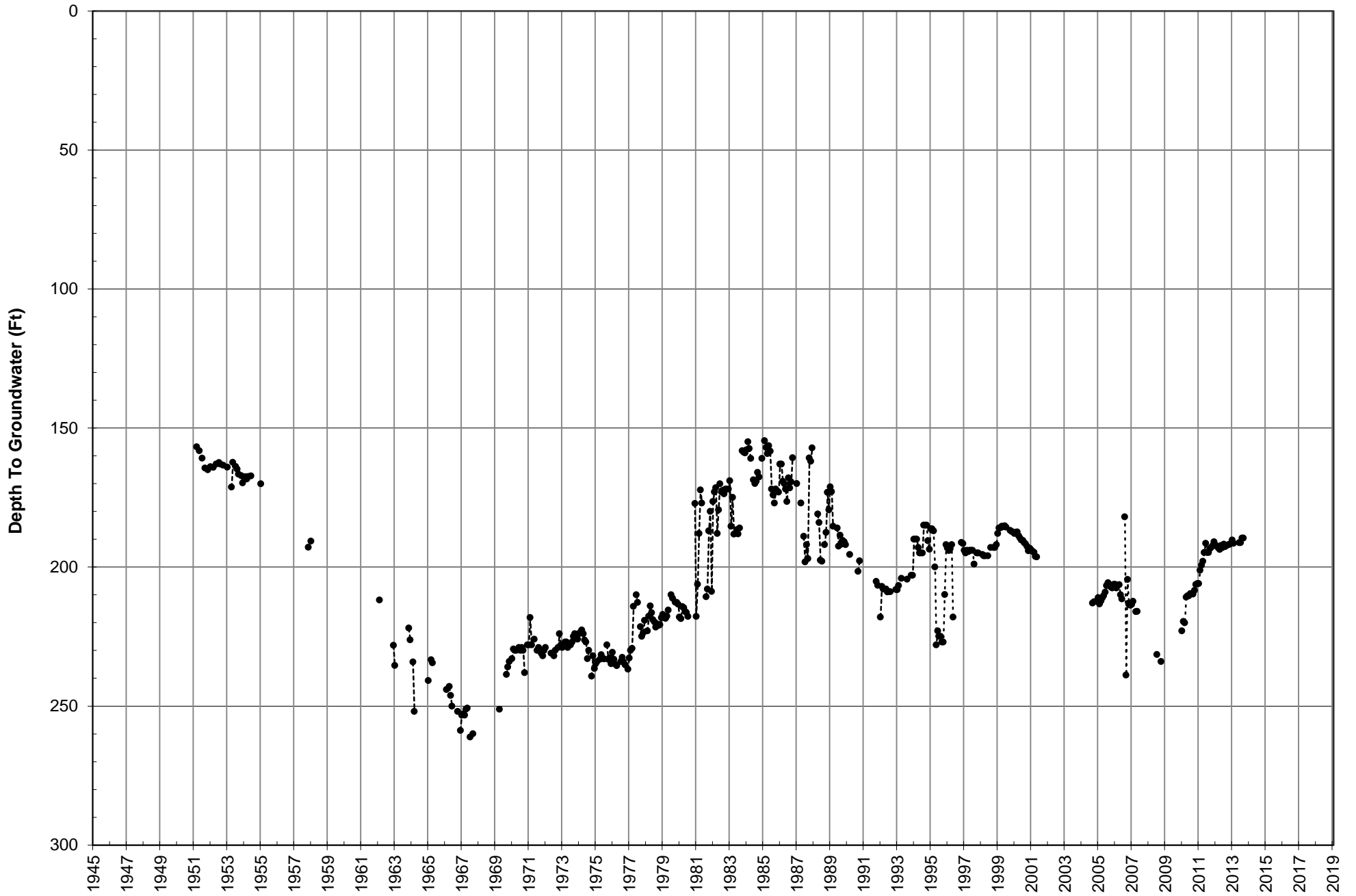
East Valley Water District





Plant No. 27 Index Well Hydrograph

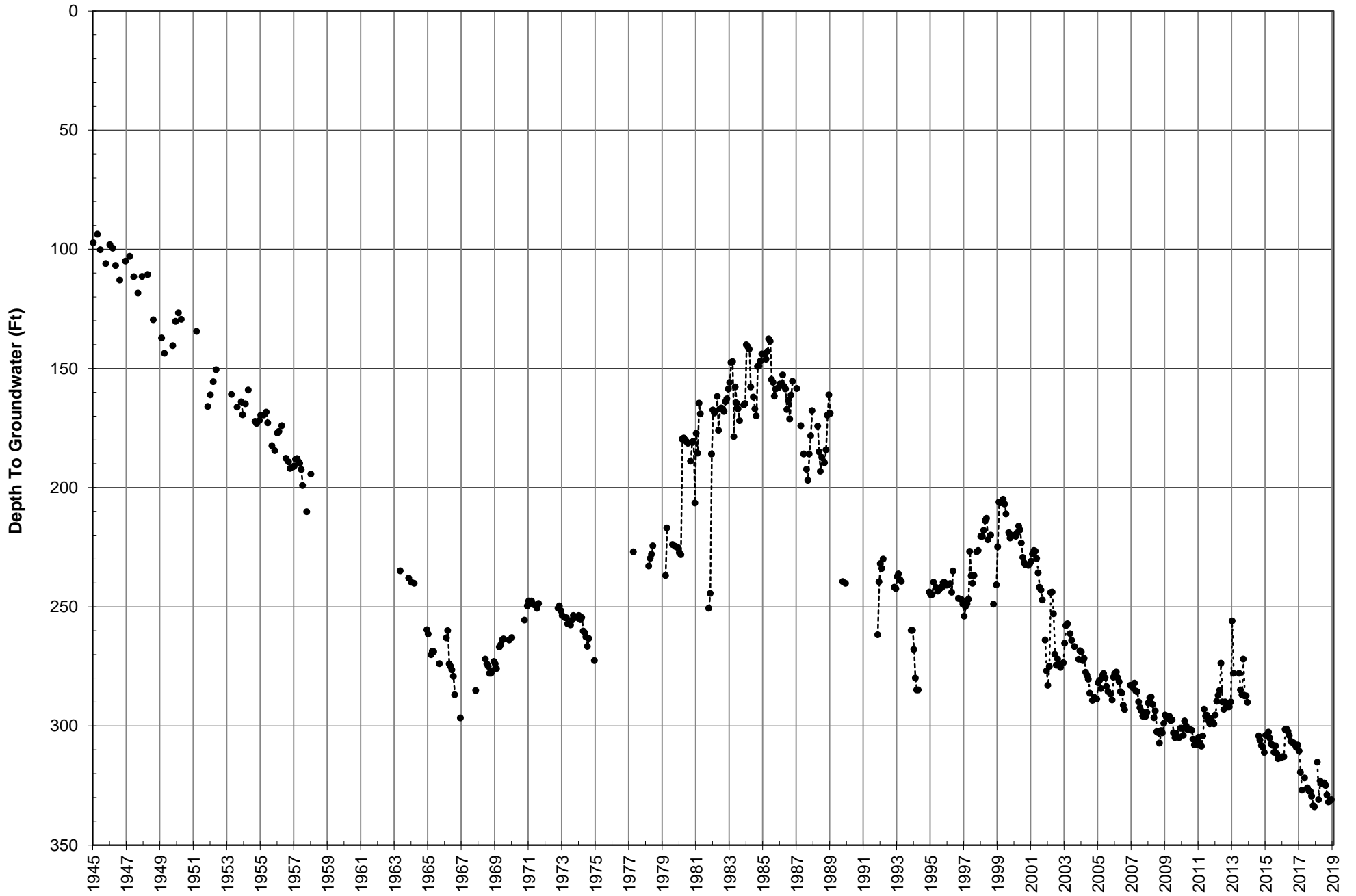
East Valley Water District





Plant No. 41 Index Well Hydrograph

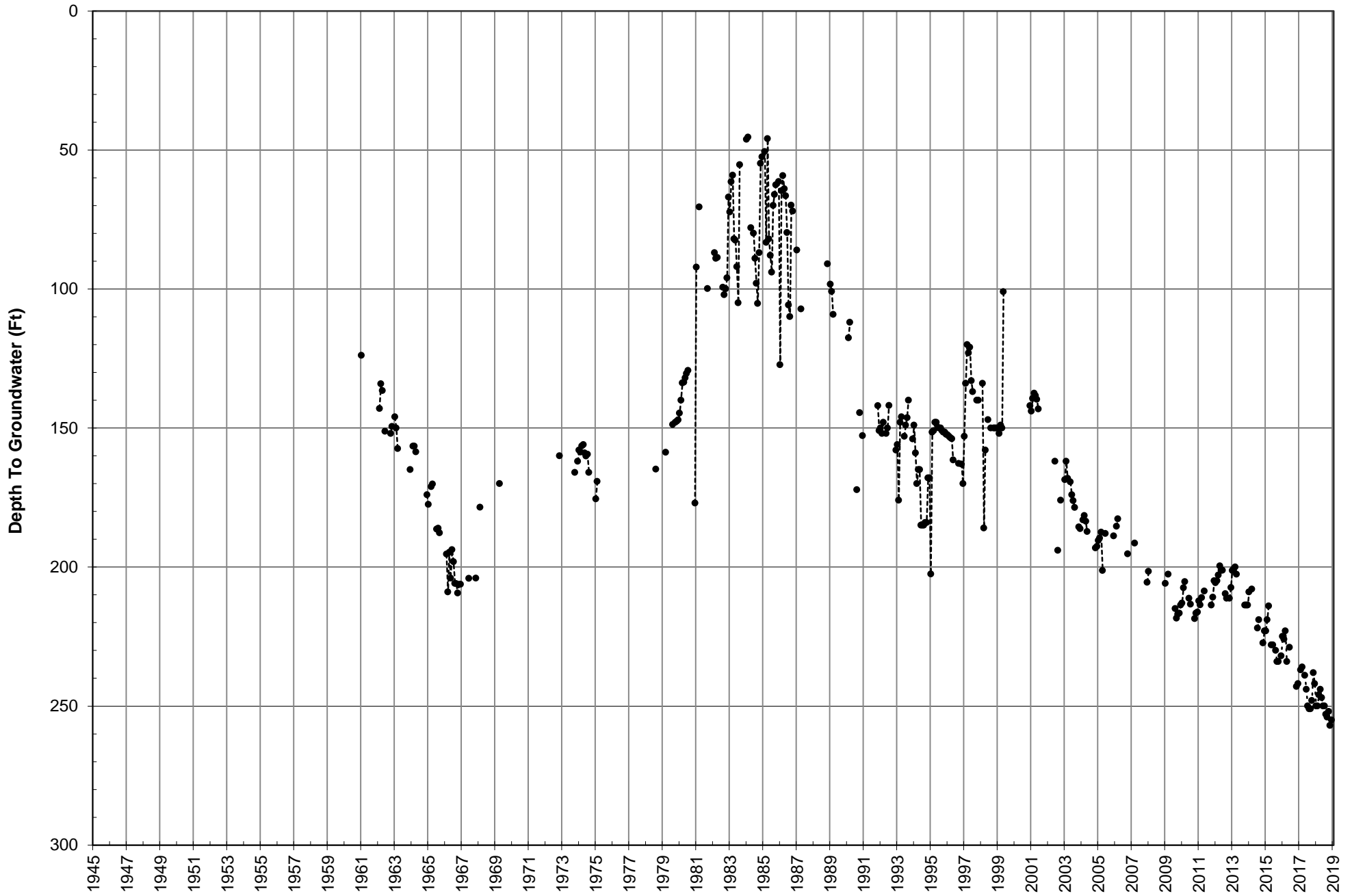
East Valley Water District





Plant No. 9A Index Well Hydrograph

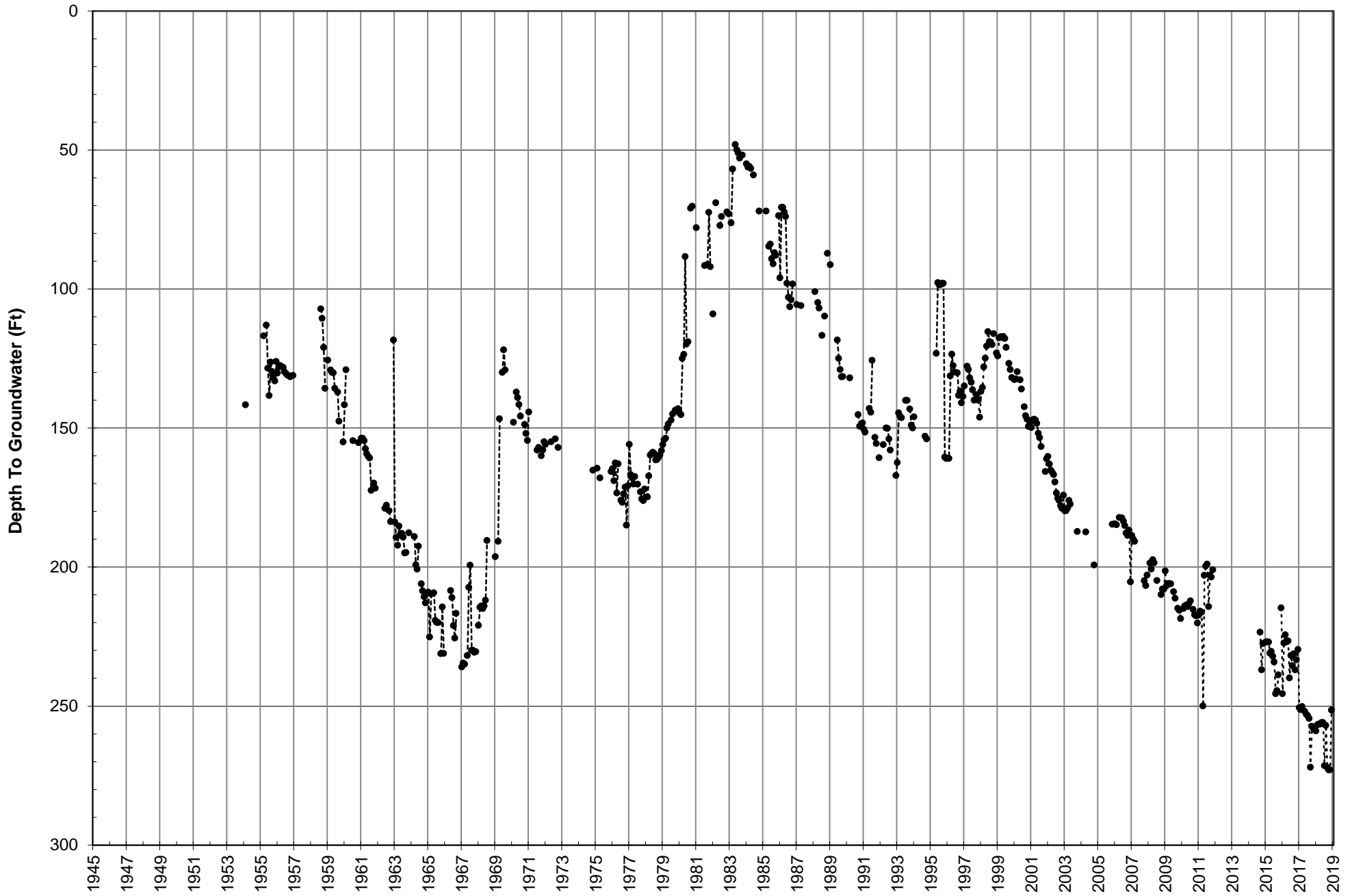
East Valley Water District





Tri City Index Well Hydrograph

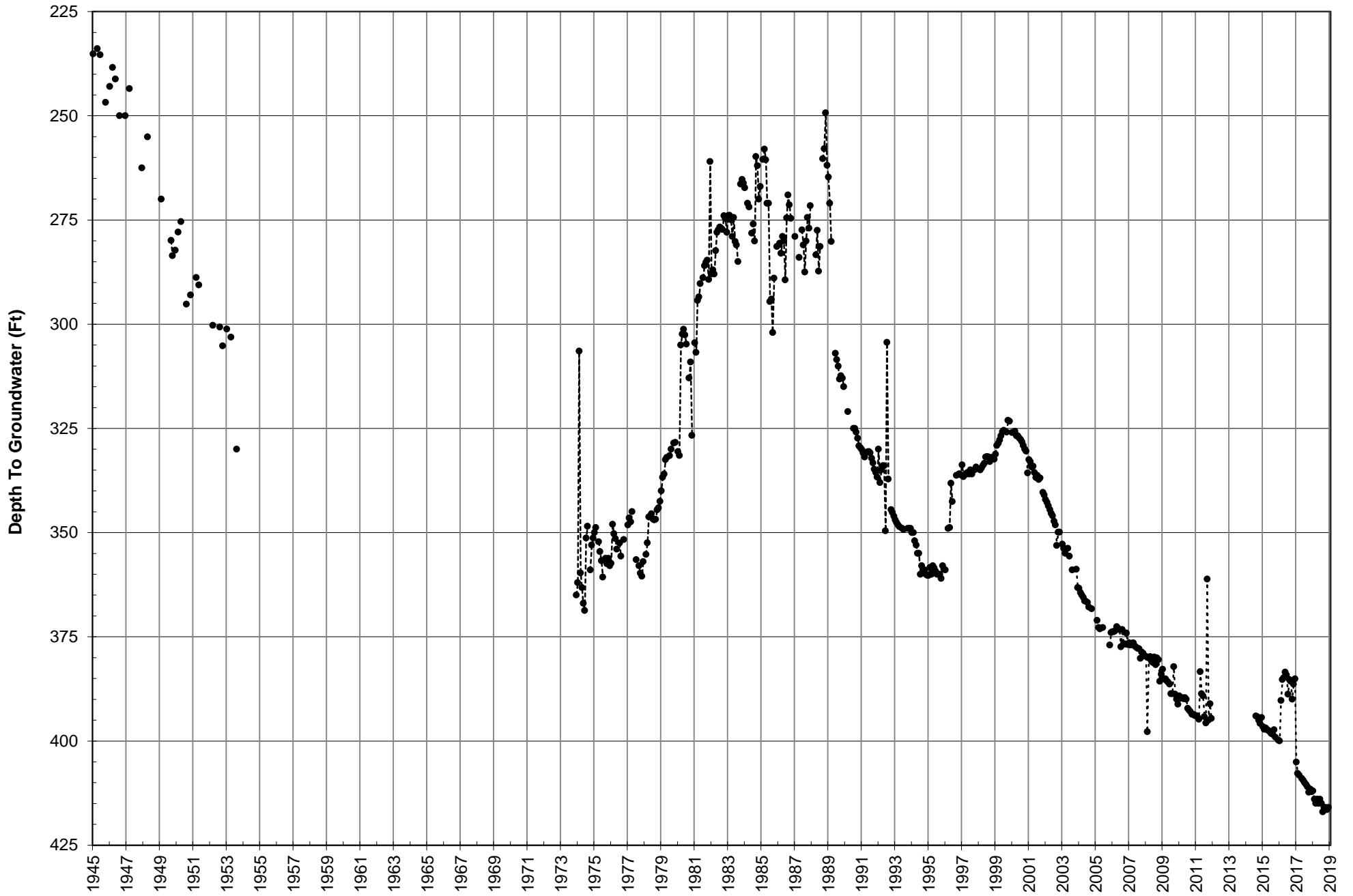
East Valley Water District





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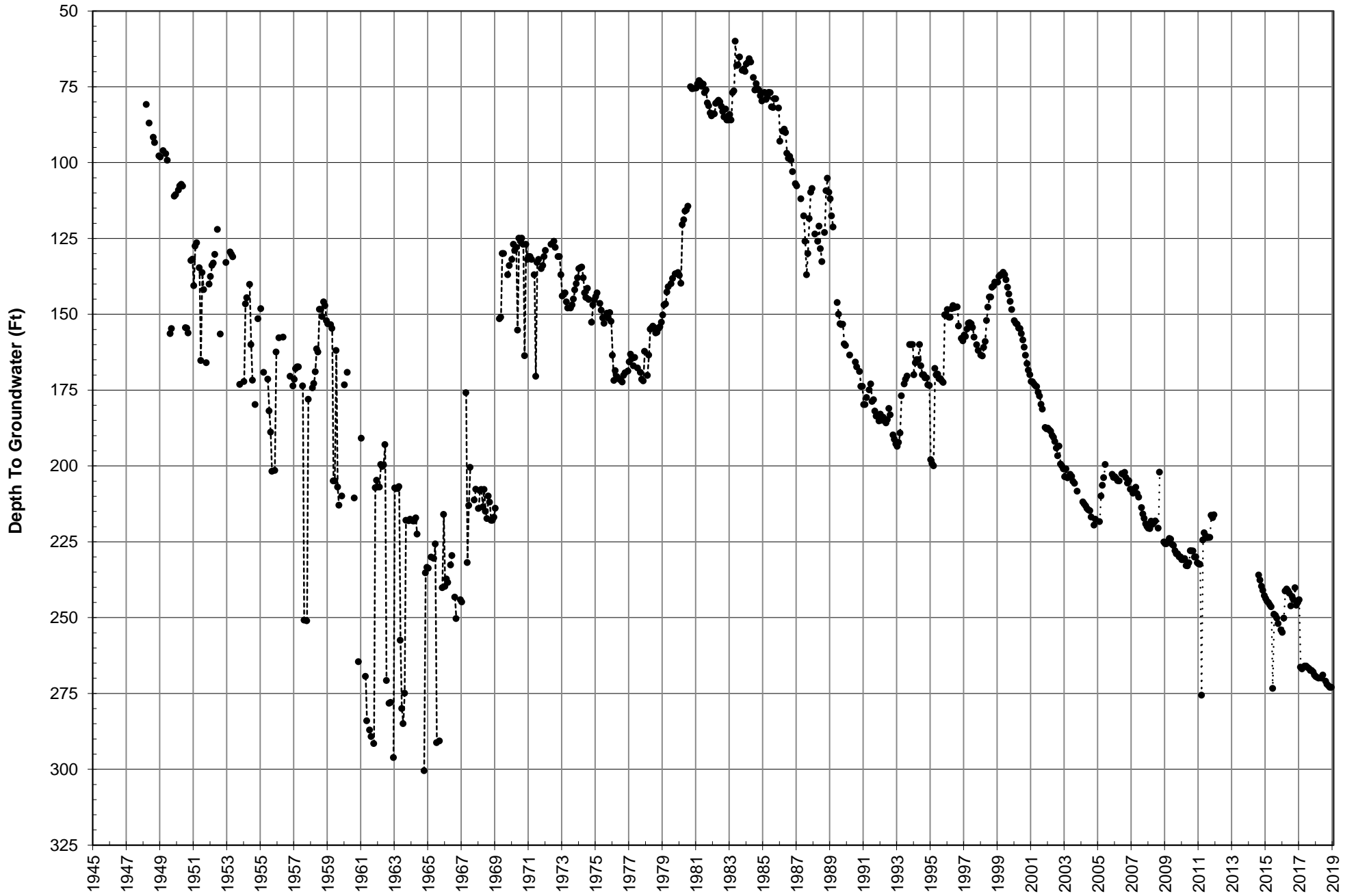
East Valley Water District





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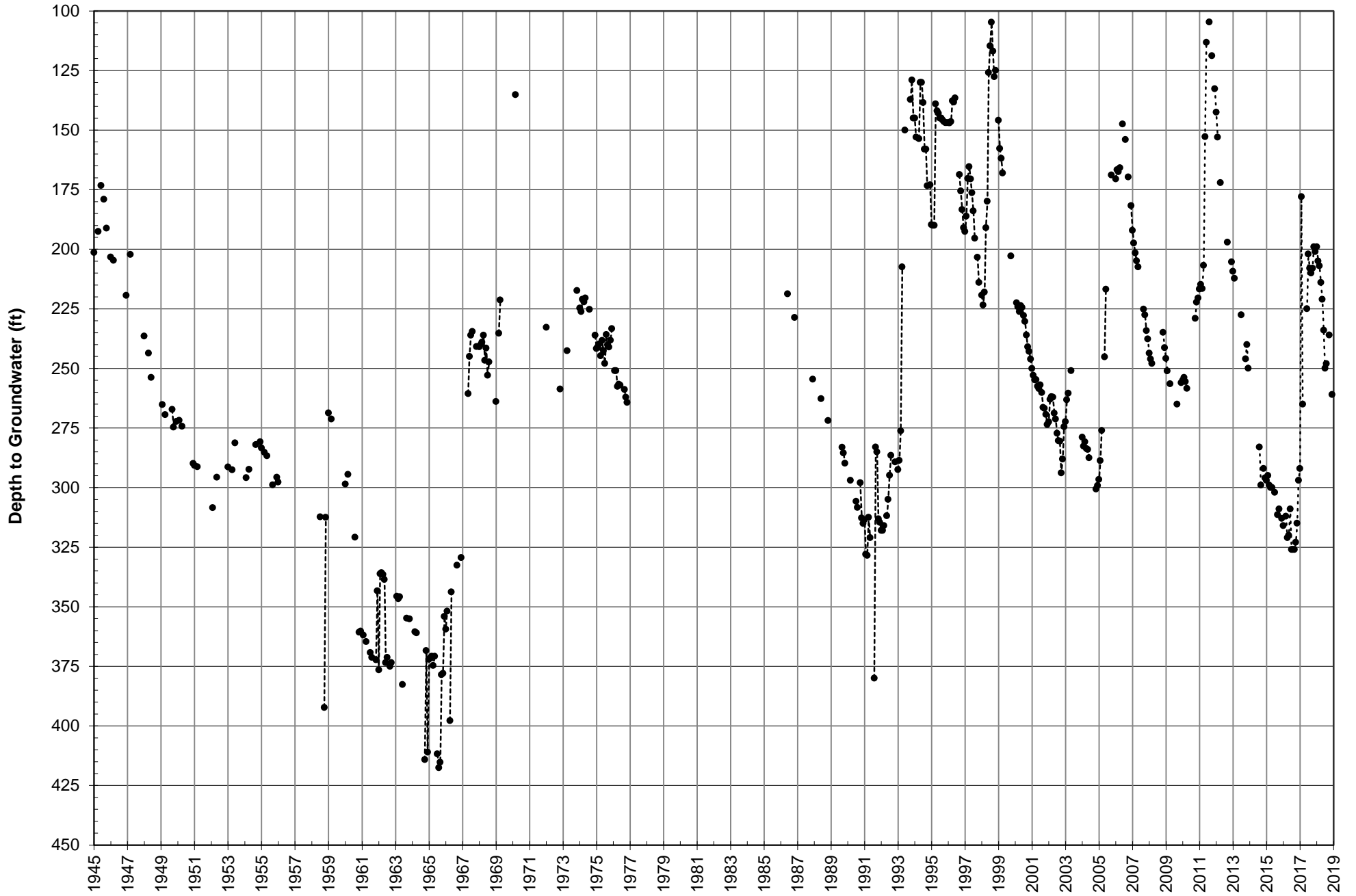
East Valley Water District





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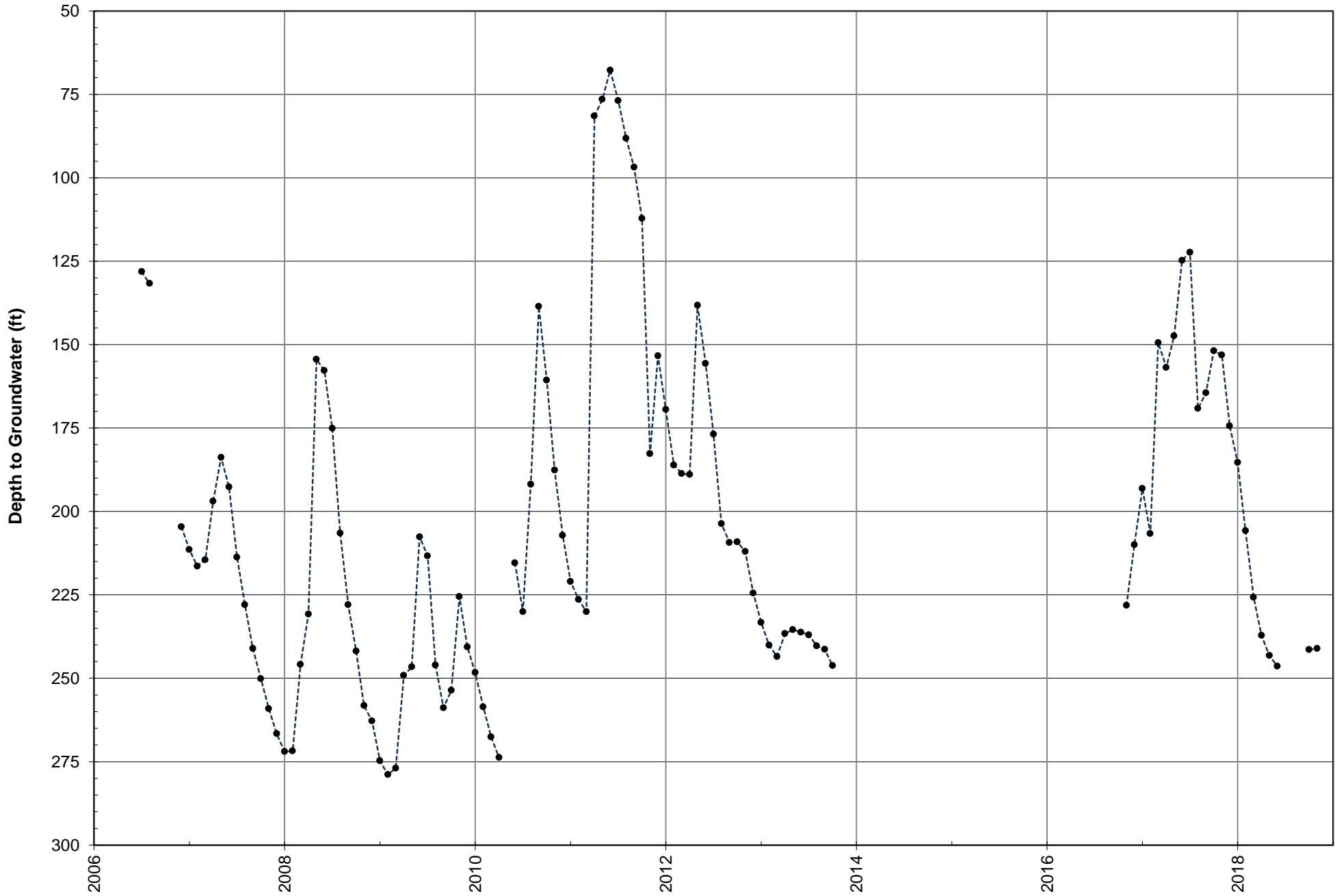
East Valley Water District





SBVWCD # 1 Index Well Hydrograph

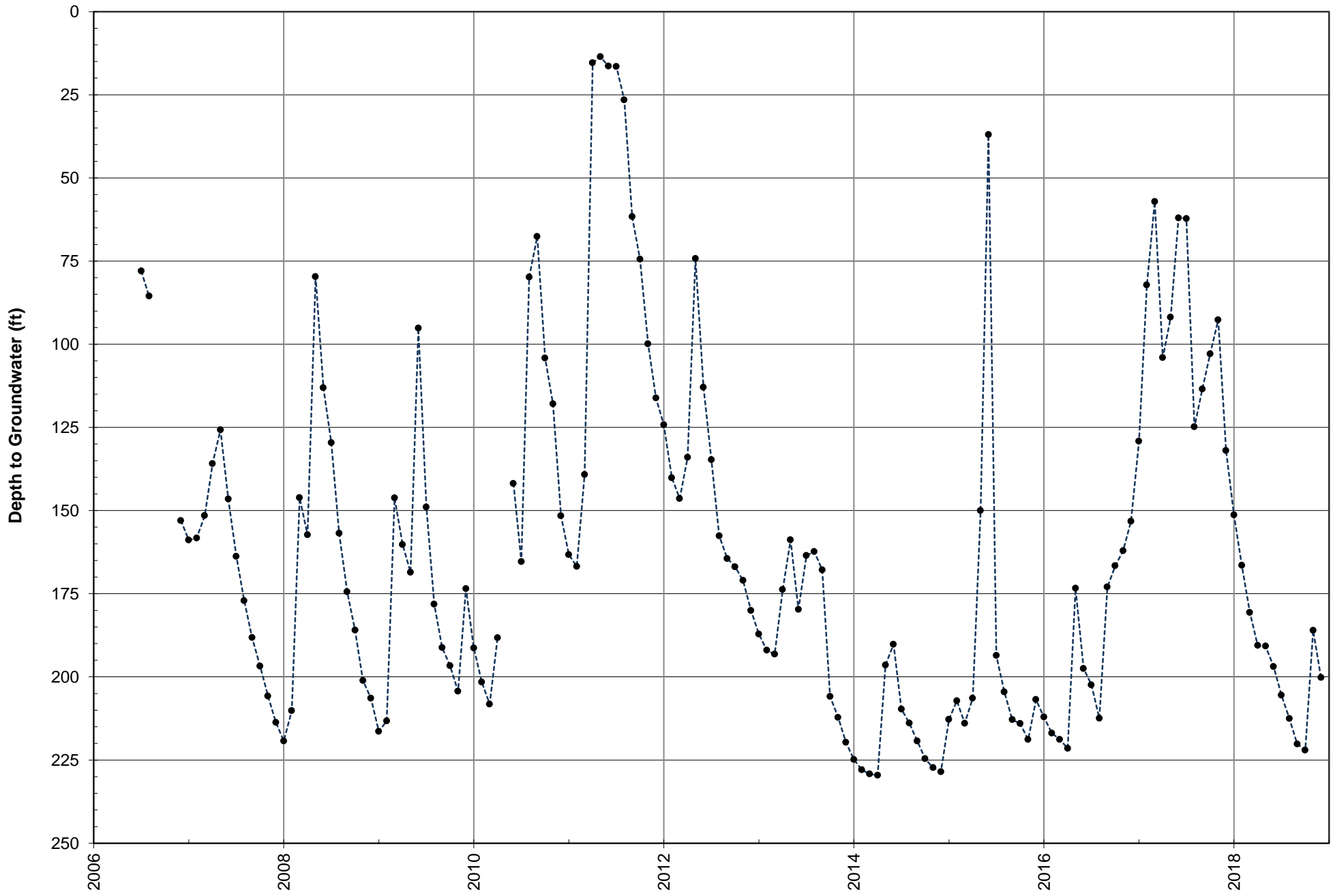
SBVWCD





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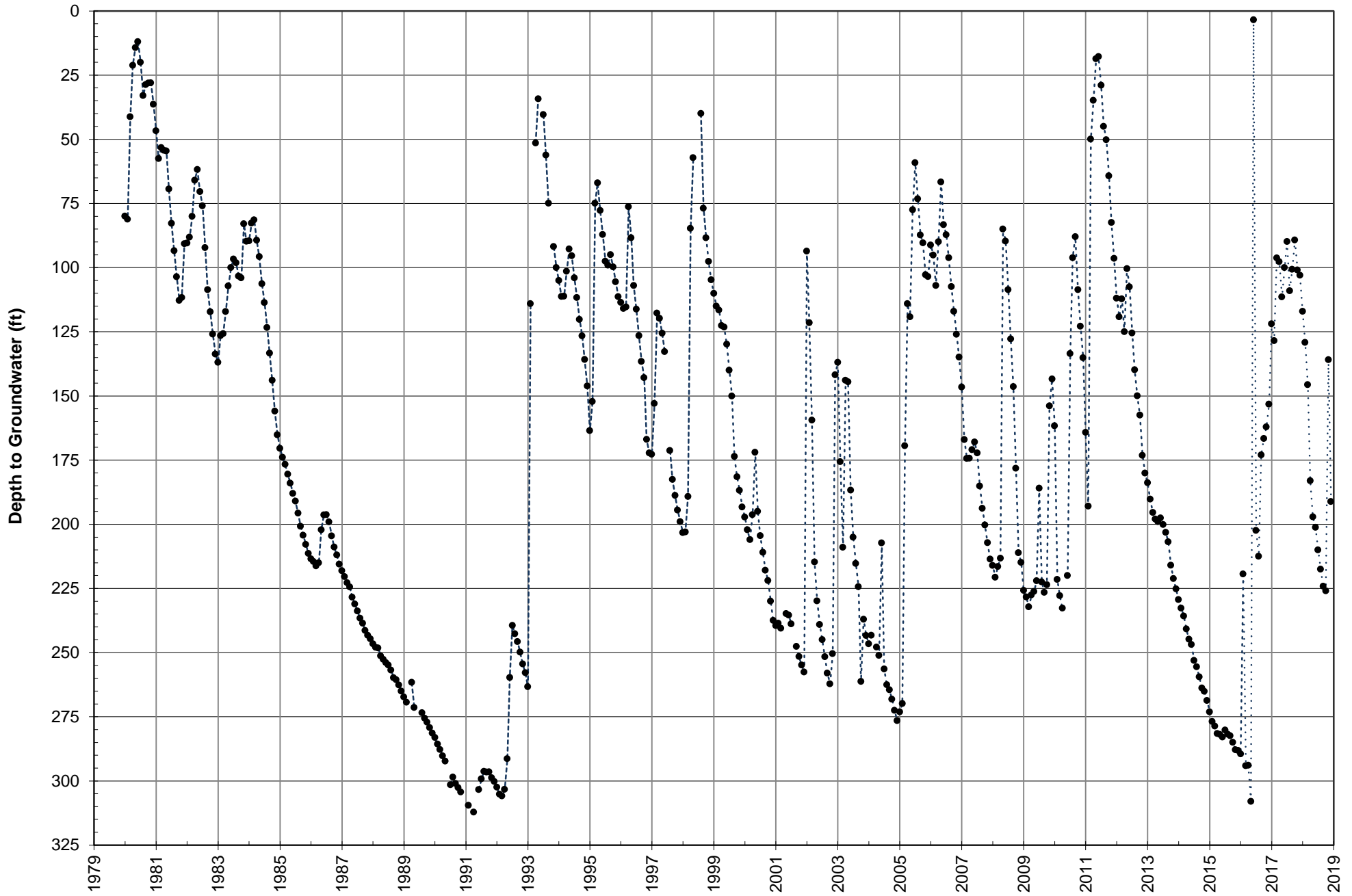
SBVWCD





SBVWCD # 3 Index Well Hydrograph

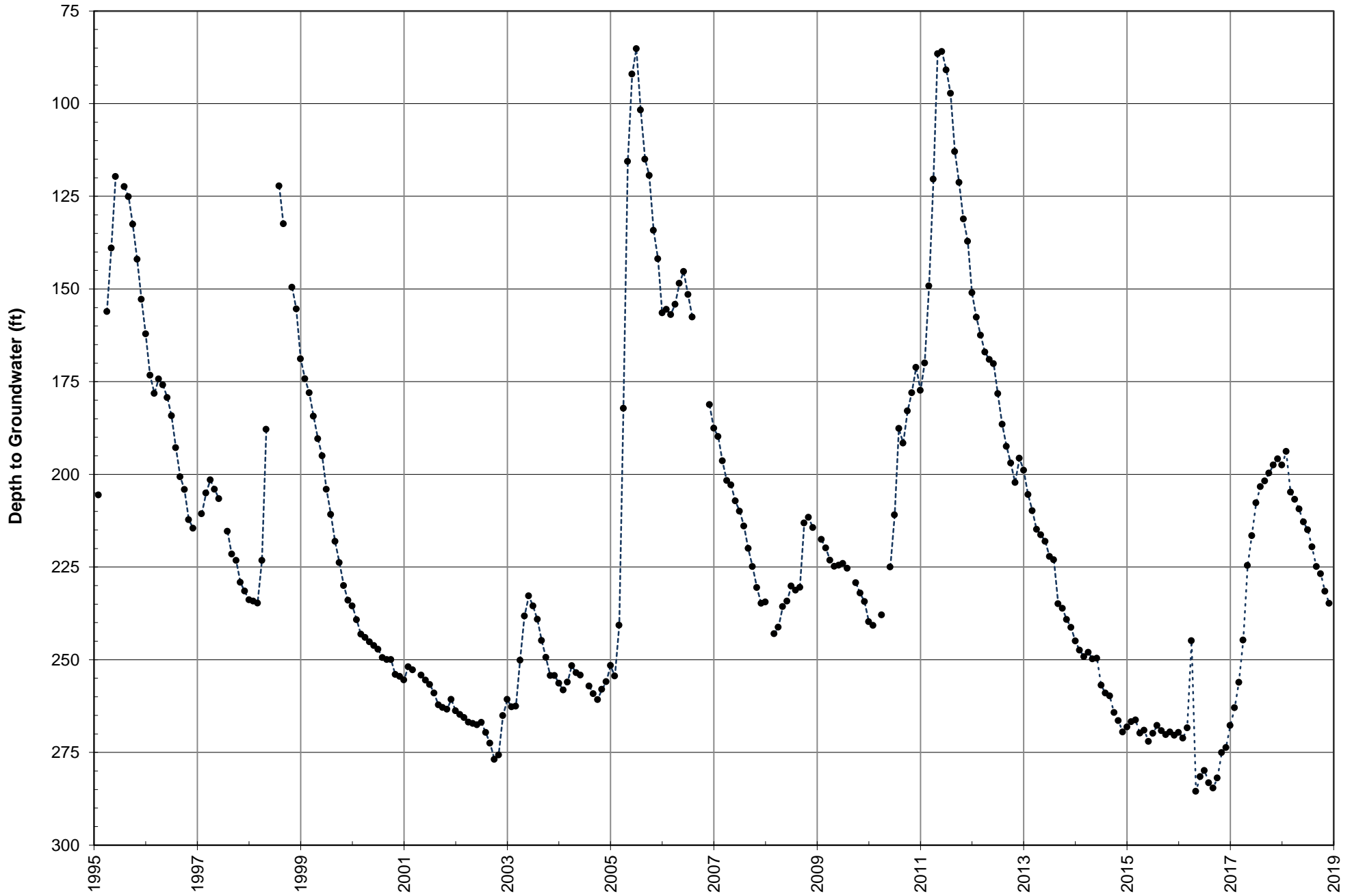
SBVWCD



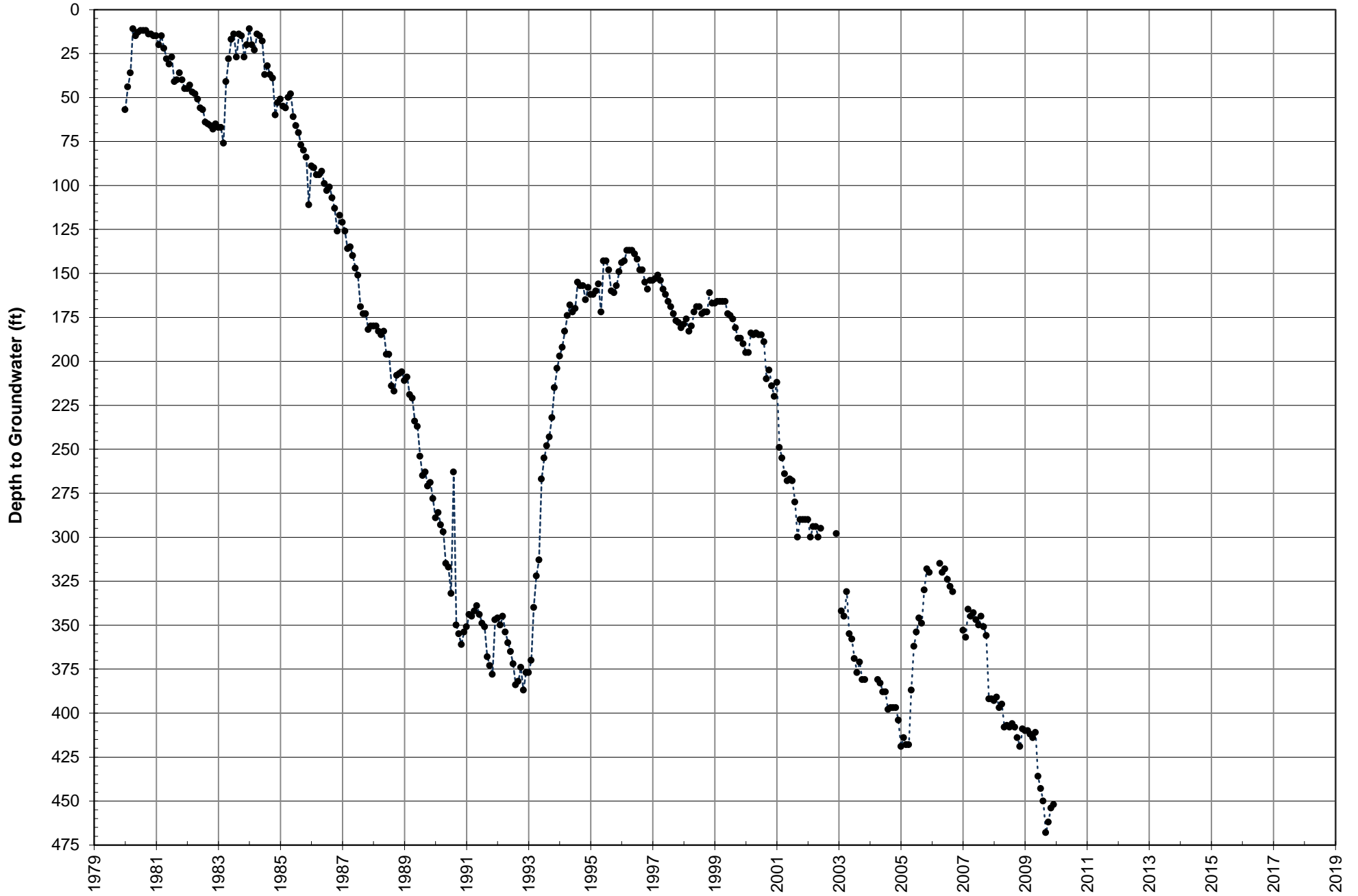


MC-05 Index Well Hydrograph

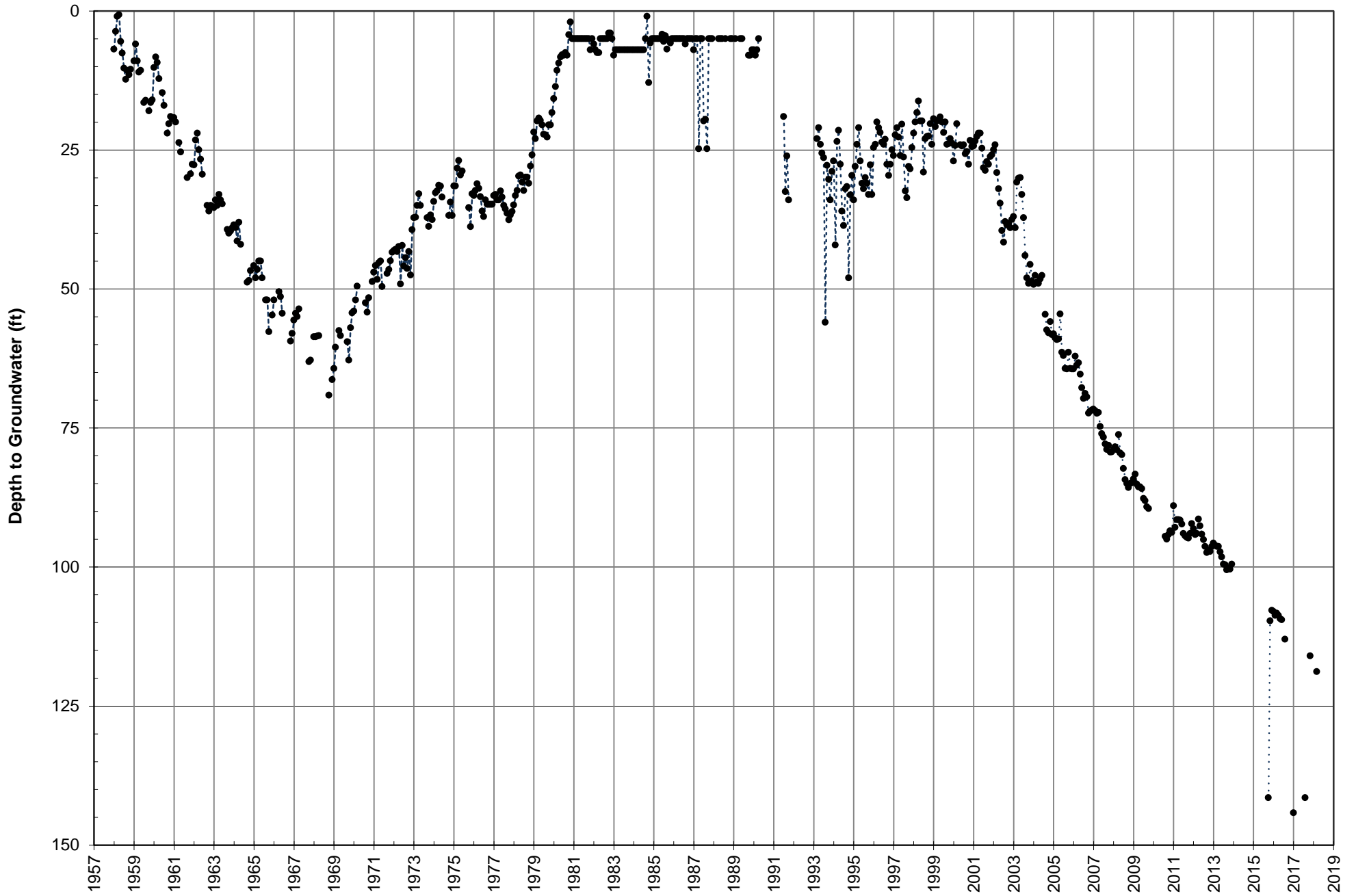
SBVWCD



No. 8 Index Well Hydrograph



Mill & D Index Well Hydrograph



Engineering Investigation of the Bunker Hill Basin 2017-2018

Appendix C



**San Bernardino Valley
Water Conservation District**

Helping Nature Store Our Water

Production Values
(Acre-Feet)

Well Name	Agency	Recordation Number	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	SBVWCD Wells	Subbasin Name	AGG or Non AGG
Thorne 10 & 11	J. G. Golfing Enterprises, Inc.	3601478	2.08	2.08	2.08	2.08	2.08	2.08							Yes	Pressure Zone Santa Ana Wash	Agricultural
Paine	J. G. Golfing Enterprises, Inc.	3602499	0.43	0.43	0.43	0.43	0.43	0.43							Yes	Pressure Zone Santa Ana Wash	Agricultural
Rancho Ladera Roladera	Jack Dangermond	3602188	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Yes	Bunker Hill II East of Mentone Fault South	Agricultural
FAR	Larry Jacinto Construction	3602020	5.50	5.50	5.50	5.50	5.50	5.50	1.47	1.47	1.47	1.47	1.47	1.47	Yes	Bunker Hill II East of Mentone Fault North	Agricultural
Anderson 2	Loma Linda University	3602781	0.08	0.04	0.06	0.00	0.05	0.00	0.06	0.00	0.06	0.06	0.08	0.00	Yes	Pressure Zone Santa Ana Wash	Non-Agricultural
Anderson 3	Loma Linda University	3602855	8.48	9.97	6.11	6.45	2.11	4.66	8.50	2.20	2.33	4.07	8.24	1.51	Yes	Pressure Zone Santa Ana Wash	Non-Agricultural
Anderson 4	Loma Linda University		115.32	92.33	76.43	87.20	67.19	68.04	52.36	59.24	52.01	85.54	74.12	89.52	Yes	Pressure Zone Santa Ana Wash	Non-Agricultural
Mt View 3	Loma Linda, City of	3603719	19.99	0.09	0.15	0.00	0.00	0.00	0.00	57.77	70.08	84.06	92.37	99.30	Yes	Pressure Zone Santa Ana Wash	Non-Agricultural
Mt View 4	Loma Linda, City of	3603721	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Yes	Pressure Zone Santa Ana Wash	Non-Agricultural
Mt View 5	Loma Linda, City of	3603776	85.07	103.37	92.51	103.06	49.45	0.00	0.00	0.01	0.00	0.00	0.00	0.00	Yes	Pressure Zone Santa Ana Wash	Non-Agricultural
Mt View 6	Loma Linda, City of	3603956	235.12	229.81	204.02	224.58	199.81	16.84	60.35	124.04	4.49	10.66	42.46	47.07	Yes	Pressure Zone Santa Ana Wash	Non-Agricultural
Richardson 3	Loma Linda, City of	3603523	104.07	92.22	87.60	70.24	73.87	169.26	167.19	37.81	32.77	64.10	64.39	71.17	Yes	Pressure Zone Santa Ana Wash	Non-Agricultural
Richardson 4	Loma Linda, City of	3603720	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Yes	Pressure Zone Santa Ana Wash	Non-Agricultural
Richardson 5	Loma Linda, City of	3603955	0.00	0.00	0.00	1.63	13.33	212.27	110.10	39.14	149.80	189.75	183.48	188.80	Yes	Pressure Zone Santa Ana Wash	Non-Agricultural
Richardson 6	Loma Linda, City of	3603720	130.35	110.98	109.85	89.91	88.72	26.45	20.83	63.78	28.90	65.97	58.42	54.18	Yes	Pressure Zone Santa Ana Wash	Non-Agricultural
California St.	Lucky Farms, Inc./Spring Pacific Properties	3603554	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	Yes	Bunker Hill II West of Mentone Fault	
Raub 5	Meeks & Dailey	3602484	0.00	0.00	0.00	0.00	0.00	0.00	282.93	282.93	282.93	282.93	282.93	282.93	Yes	Pressure Zone Santa Ana Wash	Non-Agricultural
Raub 6	Meeks & Dailey	3602778	50.50	50.50	50.50	50.50	50.50	50.50	60.92	60.92	60.92	60.92	60.92	60.92	Yes	Pressure Zone Santa Ana Wash	Non-Agricultural
Raub 7	Meeks & Dailey	3603951	202.60	202.60	202.60	202.60	202.60	202.60	236.77	236.77	236.77	236.77	236.77	236.77	Yes	Pressure Zone Santa Ana Wash	Non-Agricultural
Raub 8	Meeks & Dailey	3603555	48.65	48.65	48.65	48.65	48.65	48.65	231.43	231.43	231.43	231.43	231.43	231.43	Yes	Pressure Zone Santa Ana Wash	Non-Agricultural
Station 59	Meeks & Dailey	3601887	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Yes	Pressure Zone Santa Ana Wash	Agricultural
Station 91	Meeks & Dailey	3603215	0.03	0.00	0.00	0.31	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Yes	Pressure Zone Santa Ana Wash	Agricultural
Warren 1-3601887?	Meeks & Dailey	3601240	148.73	148.73	148.73	148.73	148.73	148.73	87.50	87.50	87.50	87.50	87.50	87.50	Yes	Pressure Zone Santa Ana Wash	Non-Agricultural
Warren 4	Meeks & Dailey	3601243	140.15	140.15	140.15	140.15	140.15	140.15	98.83	98.83	98.83	98.83	98.83	98.83	Yes	Pressure Zone Santa Ana Wash	Non-Agricultural
2	Mentone Citrus Groves	3602280	69.60	69.60	69.60	69.60	69.60	69.60	69.00	69.00	69.00	69.00	69.00	69.00	Yes	Bunker Hill II East of Mentone Fault North	Agricultural
1 - PRH Ranch	Mentone Citrus Groves	3600139	9.60	9.60	9.60	9.60	9.60	9.60	8.80	8.80	8.80	8.80	8.80	8.80	Yes	Bunker Hill II East of Mentone Fault North	Agricultural
New Well	Monte LLC (Dangermond)	3600493	5.04	5.04	5.04	5.04	5.04	5.04	2.94	2.94	2.94	2.94	2.94	2.94	Yes	Bunker Hill II West of Mentone Fault	Agricultural
1	Montecito Memorial Park and Mortuary	3600119	11.35	11.35	11.35	11.35	11.35	11.35	12.49	12.49	12.49	12.49	12.49	12.49	Yes	Bunker Hill II West of Mentone Fault	Agricultural
2	Montecito Memorial Park and Mortuary	3603949	11.35	11.35	11.35	11.35	11.35	11.35	12.49	12.49	12.49	12.49	12.49	12.49	Yes	Bunker Hill II West of Mentone Fault	Agricultural
1	Mountain View Mortuary & Cemetery	3600743	14.50	14.50	14.50	14.50	14.50	14.50	15.00	15.00	15.00	15.00	15.00	15.00	Yes	Bunker Hill II West of Mentone Fault	Non-Agricultural
2	Mountain View Mortuary & Cemetery	3600742	13.17	13.17	13.17	13.17	13.17	13.17	13.67	13.67	13.67	13.67	13.67	13.67	Yes	Bunker Hill II West of Mentone Fault	Non-Agricultural
	National Orange Show	3601924	3.85	3.85	3.85	3.85	3.85	3.85	3.65	3.65	3.65	3.65	3.65	3.65	Yes	Pressure Zone Santa Ana Wash	Non-Agricultural
	New England Water Co. (B Marcum)	3602320	22.55	22.55	22.55	22.55	22.55	22.55	19.32	19.32	19.32	19.32	19.32	19.32	Yes	Bunker Hill II West of Mentone Fault	Agricultural
2	Patton State Hospital	3600924	0.17	0.17	0.17	0.17	0.17	0.17	0.48	0.48	0.48	0.48	0.48	0.48	Yes	Bunker Hill II West of Mentone Fault	Non-Agricultural
14	Patton State Hospital	3602381	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Yes	Bunker Hill II West of Mentone Fault	Non-Agricultural
Patton 10	Patton State Hospital	3600931	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Yes	Bunker Hill II West of Mentone Fault	Non-Agricultural
San Bernardino 1	Pioneer Mutual Water Company	3600642	2.33	2.33	2.33	2.33	2.33	2.33	1.78	1.78	1.78	1.78	1.78	1.78	Yes	Bunker Hill II West of Mentone Fault	Agricultural
1	Piperhill Redlands LLC	3601126	6.03	6.03	6.03	6.03	6.03	6.03							Yes	Bunker Hill II East of Mentone Fault South	Agricultural
1 Stowe	Ramirez, J.J. Citrus Mgmt	3601046	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Yes	Bunker Hill II West of Mentone Fault	Agricultural
Buckeye 2	Ramirez, J.J. Citrus Mgmt	3600484	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Yes	Bunker Hill II West of Mentone Fault	Agricultural
Frink 1	Ramirez, J.J. Citrus Mgmt	3601728	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Yes	Bunker Hill II West of Mentone Fault	Agricultural
Midas	Ramirez, J.J. Citrus Mgmt	3600527	15.03	15.03	15.03	15.03	15.03	15.03	8.52	8.52	8.52	8.52	8.52	8.52	Yes	Bunker Hill II West of Mentone Fault	Agricultural
Hoover	Ramirez, Laura	3601649	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Yes	Bunker Hill II West of Mentone Fault	Agricultural
Pharoah Powell	Ramirez, Laura	3600415							11.13	11.13	11.13	11.13	11.13	11.13			Agricultural
Raught	Raught Mutual Well Company	3602193	18.13	18.13	18.13	18.13	18.13	18.13	7.79	7.79	7.79	7.79	7.79	7.79	Yes	Bunker Hill II West of Mentone Fault	Agricultural
Stater Well	Redland-Brandson Development	3602917	0.95	0.95	0.95	0.95	0.95	0.95	0.77	0.77	0.77	0.77	0.77	0.77	Yes	Bunker Hill II West of Mentone Fault	Non-Agricultural
Opal St.	Redlands Unified School District	3601641	5.68	5.68	5.68	5.68	5.68	5.68	5.11	5.11	5.11	5.11	5.11	5.11	Yes	Bunker Hill II East of Mentone Fault North	Non-Agricultural
Agate #1	Redlands, City of	3601308	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Yes	Bunker Hill II East of Mentone Fault North	Non-Agricultural
Agate #2	Redlands, City of	3602792	0.00	0.00	0.00	0.00	0.00	0.00	0.00	206.73	124.77	197.81	131.82	0.00	Yes	Bunker Hill II East of Mentone Fault North	Non-Agricultural
Agate #2 IRR	Redlands, City of	3602792	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Yes	Bunker Hill II East of Mentone Fault North	Agricultural
Airport #1	Redlands, City of	3602895	123.34	113.79	137.15	201.19	185.42	123.43	58.00	1.18	15.70	30.52	44.49	182.47	Yes	Bunker Hill II West of Mentone Fault	Non-Agricultural
Airport #2	Redlands, City of	3603762	51.76	0.00	0.00	0.00	2.79	0.00	0.00	5.91	0.00	0.00	0.00	12.64	Yes	Bunker Hill II West of Mentone Fault	Non-Agricultural
Bryn Mawr	Redlands, City of	3600055	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Yes		
Bryn Mawr 1	Redlands, City of	3600053	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Yes	Bunker Hill II West of Mentone Fault	

Production Values
(Acre-Feet)

Well Name	Agency	Recordation Number	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	SBVWCD Wells	Subbasin Name	AGG or Non AGG
Bryn Mawr 2	Redlands, City of	3600054	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Yes		
Bryn Mawr 4	Redlands, City of	3602109	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Yes		
California St Irr	Redlands, City of	3602549	37.53	29.35	9.16	0.44	0.00	0.19	0.20	0.40	0.20	5.30	3.80	6.80	Yes	Bunker Hill II West of Mentone Fault	Non-Agricultural
Chicken Hill	Redlands, City of	3601627	0.00	0.00	0.00	15.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			Agricultural
Church St.	Redlands, City of	3603656	18.83	48.22	14.99	33.36	48.39	15.12	0.00	4.95	0.00	0.00	0.00	12.66	Yes	Bunker Hill II West of Mentone Fault	Non-Agricultural
Crafton	Redlands, City of	3602654	0.90	0.00	0.00	56.45	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Yes	Bunker Hill II East of Mentone Fault North	Agricultural
E. Lugonia #2	Redlands, City of	3601283	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Yes	Bunker Hill II East of Mentone Fault North	Non-Agricultural
E. Lugonia #3	Redlands, City of	3601287	3.84	0.00	0.00	0.00	0.00	23.72	52.05	19.72	29.84	0.00	0.00	26.21	Yes	Bunker Hill II East of Mentone Fault North	Non-Agricultural
E. Lugonia #4	Redlands, City of	3602791	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		Bunker Hill II East of Mentone Fault North	Non-Agricultural
E. Lugonia #6	Redlands, City of	3601290	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Yes	Bunker Hill II East of Mentone Fault North	Non-Agricultural
Hog Canyon #2	Redlands, City of	3603046	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			Agricultural
Lee Well	Redlands, City of	3602065	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Yes	Bunker Hill II West of Mentone Fault	Non-Agricultural
Madeira	Redlands, City of	3602896	38.85	82.45	69.34	75.46	59.76	69.28	47.45	39.11	16.36	2.82	72.02	103.77	Yes	Bunker Hill II East of Mentone Fault North	Non-Agricultural
Maguet #2	Redlands, City of	3601284	0.00	0.00	0.00	0.00	0.00	22.24	49.29	18.56	27.95	0.00	0.00	34.12	Yes	Bunker Hill II East of Mentone Fault North	Non-Agricultural
Mentone Acres #1	Redlands, City of	3600748	12.09	12.09	12.09	12.09	12.09	12.09	42.64	42.64	42.64	42.64	42.64	42.64	Yes	Bunker Hill II West of Mentone Fault	Agricultural
Mentone Acres #2	Redlands, City of	3600749	104.91	142.15	128.94	190.76	7.93	0.00	0.00	9.00	3.50	0.00	0.90	62.60	Yes	Bunker Hill II West of Mentone Fault	Non-Agricultural
Mill Creek #1	Redlands, City of	3601282	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			Non-Agricultural
Mill Creek #2	Redlands, City of	3601285	61.67	51.30	78.36	84.50	86.32	89.08	87.90	87.10	59.20	0.00	0.00	48.20			Non-Agricultural
Mill Creek #2A	Redlands, City of	3603045	0.00	0.58	0.00	0.00	0.00	0.00	0.00	0.00	38.60	87.80	87.00	0.00			Non-Agricultural
Mill Creek #4	Redlands, City of	3601288	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.10	45.90	75.90	74.30	70.00			Non-Agricultural
Mill Creek #OA	Redlands, City of	3602351	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		Bunker Hill II East of Mentone Fault North	Non-Agricultural
Mission	Redlands, City of	3600756	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Yes	Pressure Zone Santa Ana Wash	Non-Agricultural
New York St Well	Redlands, City of	3602346	90.87	83.98	79.84	70.51	39.83	56.44	13.60	25.30	0.00	48.70	53.50	36.70	Yes	Bunker Hill II West of Mentone Fault	Agricultural
No.Orange #1	Redlands, City of	3603766	288.75	369.38	53.38	119.94	361.14	363.11	360.21	246.79	23.40	7.37	339.78	246.64	Yes	Bunker Hill II West of Mentone Fault	Non-Agricultural
No.Orange #2	Redlands, City of	3603767	86.65	22.73	320.14	317.76	0.00	0.00	0.00	0.00	0.00	7.88	1.03	137.68	Yes	Bunker Hill II West of Mentone Fault	Non-Agricultural
Orange St.	Redlands, City of	3601586	37.99	94.22	113.99	132.13	164.73	16.30	57.08	26.41	0.00	52.02	56.31	123.69	Yes	Bunker Hill II West of Mentone Fault	Non-Agricultural
Redlands Hgts.	Redlands, City of	3600918	60.95	45.15	47.33	43.21	15.62	16.19	6.40	12.50	7.00	39.20	36.50	57.30	Yes	Bunker Hill II East of Mentone Fault South	Agricultural
Redlands Trap & Skeet	Redlands, City of	3600628	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Yes		
Rees Well	Redlands, City of	3600019	153.97	137.48	142.53	135.10	28.54	0.00	0.00	0.00	0.00	54.43	149.31	148.10	Yes	Bunker Hill II West of Mentone Fault	Non-Agricultural
SB Muni Well	Redlands, City of		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	41.47		Pressure Zone Santa Ana Wash	Non-Agricultural
Well #10	Redlands, City of	3601291	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Yes	Bunker Hill II East of Mentone Fault South	Non-Agricultural
Well #11	Redlands, City of	3601292	15.62	16.04	14.14	14.18	10.92	10.80	9.50	4.40	4.20	10.70	12.80	13.60	Yes	Bunker Hill II East of Mentone Fault South	Agricultural
Well #13	Redlands, City of	3601294	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Yes	Bunker Hill II East of Mentone Fault South	Non-Agricultural
Well #14	Redlands, City of	3601295	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Yes	Bunker Hill II East of Mentone Fault South	Non-Agricultural
Well #16	Redlands, City of	3601296	0.00	0.00	0.00	35.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Yes	Bunker Hill II East of Mentone Fault South	Agricultural
Well #30A	Redlands, City of	3602031	77.19	69.44	60.07	58.82	52.72	47.77	31.00	38.60	17.90	47.80	53.10	59.20	Yes	Bunker Hill II West of Mentone Fault	Agricultural
Well #31A	Redlands, City of	3602036	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Yes	Bunker Hill II West of Mentone Fault	Agricultural
Well #32	Redlands, City of	3601298	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.10	0.00	0.00	0.00	Yes	Bunker Hill II West of Mentone Fault	Agricultural
Well #34	Redlands, City of	3601299	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Yes	Pressure Zone Santa Ana Wash	Non-Agricultural
Well #35	Redlands, City of	3602032	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Yes	Bunker Hill II West of Mentone Fault	Non-Agricultural
Well #36	Redlands, City of	3602082	11.00	10.02	10.10	11.16	8.88	9.97	14.30	18.80	10.20	26.70	25.10	32.60	Yes	Bunker Hill II East of Mentone Fault South	Agricultural
Well #37	Redlands, City of	3602211	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Yes	Bunker Hill II West of Mentone Fault	Non-Agricultural
Well #38	Redlands, City of	3603655	73.54	139.42	17.61	94.34	178.66	87.52	124.39	35.17	26.39	13.33	48.16	187.93	Yes	Bunker Hill II West of Mentone Fault	Non-Agricultural
Well #39	Redlands, City of	3603760	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Yes	Bunker Hill II West of Mentone Fault	Non-Agricultural
Well #41	Redlands, City of	3601301	12.72	8.40	9.28	6.19	12.77	9.63	2.80	0.00	0.00	0.00	0.00	0.00	Yes	Bunker Hill II West of Mentone Fault	Agricultural
Chino #2	Rialto, City of	3603537	188.39	163.37	133.71	97.77	131.07	130.68	57.94	4.80	42.51	0.00	90.67	52.93			Non-Agricultural
City 2	Rialto, City of	3602080	254.37	173.04	123.83	206.38	129.31	90.93	131.69	168.00	121.83	254.69	68.03	254.75		Lytle Basin Southeast of Barrier J	Non-Agricultural
City 4	Rialto, City of	3603538	0.00	0.00	73.27	164.13	75.11	5.72	29.16	18.41	10.29	23.63	12.89	146.95		Bunker Hill I Southwest of 215 Freeway	Non-Agricultural
Rialto 3 (Airport)	Rialto, City of	3602558	0.00	0.00	0.00	24.75	87.90	51.63	89.87	130.59	112.94	125.47	62.97	0.00			Non-Agricultural
FW #18	Riverside Highland	3601533	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		Pressure Zone North of Santa Ana Wash	Non-Agricultural
FW #2	Riverside Highland	3601523	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		Pressure Zone Santa Ana Wash	Non-Agricultural
FW #5	Riverside Highland	3603514	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		Bunker Hill II West of Mentone Fault	Non-Agricultural
LC #1	Riverside Highland	3601535	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		Lytle Basin Southeast of Barrier J	Non-Agricultural
LC #10	Riverside Highland	3603470	120.50	115.30	114.70	146.80	125.60	104.50	102.70	103.20	89.00	133.60	135.20	107.30		Lytle Basin Southeast of Barrier J	Non-Agricultural

Production Values
(Acre-Feet)

Well Name	Agency	Recordation Number	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	SBVWCD Wells	Subbasin Name	AGG or Non AGG
Crim 1	San Bernardino, County of	3601171	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Yes	Bunker Hill II West of Mentone Fault	Agricultural
Solano 3	Solano Well Company	3602003	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Yes	Bunker Hill II East of Mentone Fault North	Agricultural
Deep Well Pump 1	Southern California Edison	3601015	0.51	0.26	0.37	0.24	0.13	0.00	0.53	0.13	0.39	0.26	0.13	0.38	Yes	Pressure Zone Santa Ana Wash	Non-Agricultural
Deep Well Pump 2	Southern California Edison	3601014	43.69	40.96	31.79	10.10	0.36	0.00	12.99	24.64	19.13	17.44	4.98	13.91	Yes	Pressure Zone Santa Ana Wash	Non-Agricultural
Mid Aquifer Pump A	Southern California Edison	3603795	99.96	108.00	44.21	20.95	2.12	0.00	13.04	66.23	95.38	47.06	8.40	55.55	Yes	Pressure Zone Santa Ana Wash	Non-Agricultural
MidAquifer Pump B	Southern California Edison	3603796	175.13	191.79	176.83	5.42	0.00	0.00	0.05	12.78	2.10	1.66	0.00	0.00	Yes	Pressure Zone Santa Ana Wash	Non-Agricultural
1	Tennessee Water Company (P. Marcum)	3600474	2.73	2.73	2.73	2.73	2.73	2.73							Yes	Bunker Hill II West of Mentone Fault	Agricultural
Pioneer 1	Tennessee Mutual Well Company	3601161	14.44	14.44	14.44	14.44	14.44	14.44	10.69	10.69	10.69	10.69	10.69	10.69	Yes	Bunker Hill II West of Mentone Fault	Agricultural
Mission Marigold/ Well 2	TIAA-CREF Financial Services	3600757	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Yes	Bunker Hill II West of Mentone Fault	
	Trojan Groves	3600451	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Yes	Bunker Hill II West of Mentone Fault	Agricultural
Hunt 10	University of California Riverside	3601244	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Yes	Pressure Zone Santa Ana Wash	Non-Agricultural
Hunt 11	University of California Riverside	3601245	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Yes	Pressure Zone Santa Ana Wash	Non-Agricultural
Hunt 6	University of California Riverside	3601222	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Yes	Pressure Zone Santa Ana Wash	Non-Agricultural
2	West Valley Water District	3601944	166.00	165.01	162.17	158.97	173.95	179.75	146.20	150.39	57.95	86.80	171.67	145.23		Lytle Basin Southeast of Barrier J	Non-Agricultural
15	West Valley Water District	3601848	40.35	78.15	93.91	123.43	122.16	108.13	122.51	75.49	55.45	105.44	117.37	83.57		Bunker Hill I Southwest of 215 Freeway	Non-Agricultural
30	West Valley Water District	3602766	141.30	100.99	127.44	161.94	130.26	134.59	140.60	92.55	70.07	141.34	156.48	116.85		Bunker Hill I Southwest of 215 Freeway	Non-Agricultural
1A	West Valley Water District	3600307	0.31	0.18	0.10	0.22	0.17	0.09	0.26	0.24	0.00	0.45	0.29	0.20		Lytle Basin Southeast of Barrier J	Non-Agricultural
4A	West Valley Water District	WVWD4A	196.74	27.05	60.34	21.38	18.89	7.44	0.65	7.45	1.99	5.99	13.19	165.44		Lytle Basin Southeast of Barrier J	Non-Agricultural
5A	West Valley Water District	3605001	52.02	8.77	6.78	1.81	0.23	0.19	0.30	0.18	0.41	0.20	0.30	10.53		Bunker Hill I Southwest of 215 Freeway	Non-Agricultural
8A	West Valley Water District	3603778	0.28	0.43	0.26	0.50	0.94	0.18	0.25	0.47	0.29	0.37	0.42	0.34		Lytle Basin Southeast of Barrier J	Non-Agricultural
EC-N	West Valley Water District		264.86	244.71	189.49	319.43	146.64	286.74	262.15	328.61	338.91	354.71	360.95	275.91		Bunker Hill I Southwest of 215 Freeway	Non-Agricultural

Engineering Investigation of the Bunker Hill Basin 2017-2018

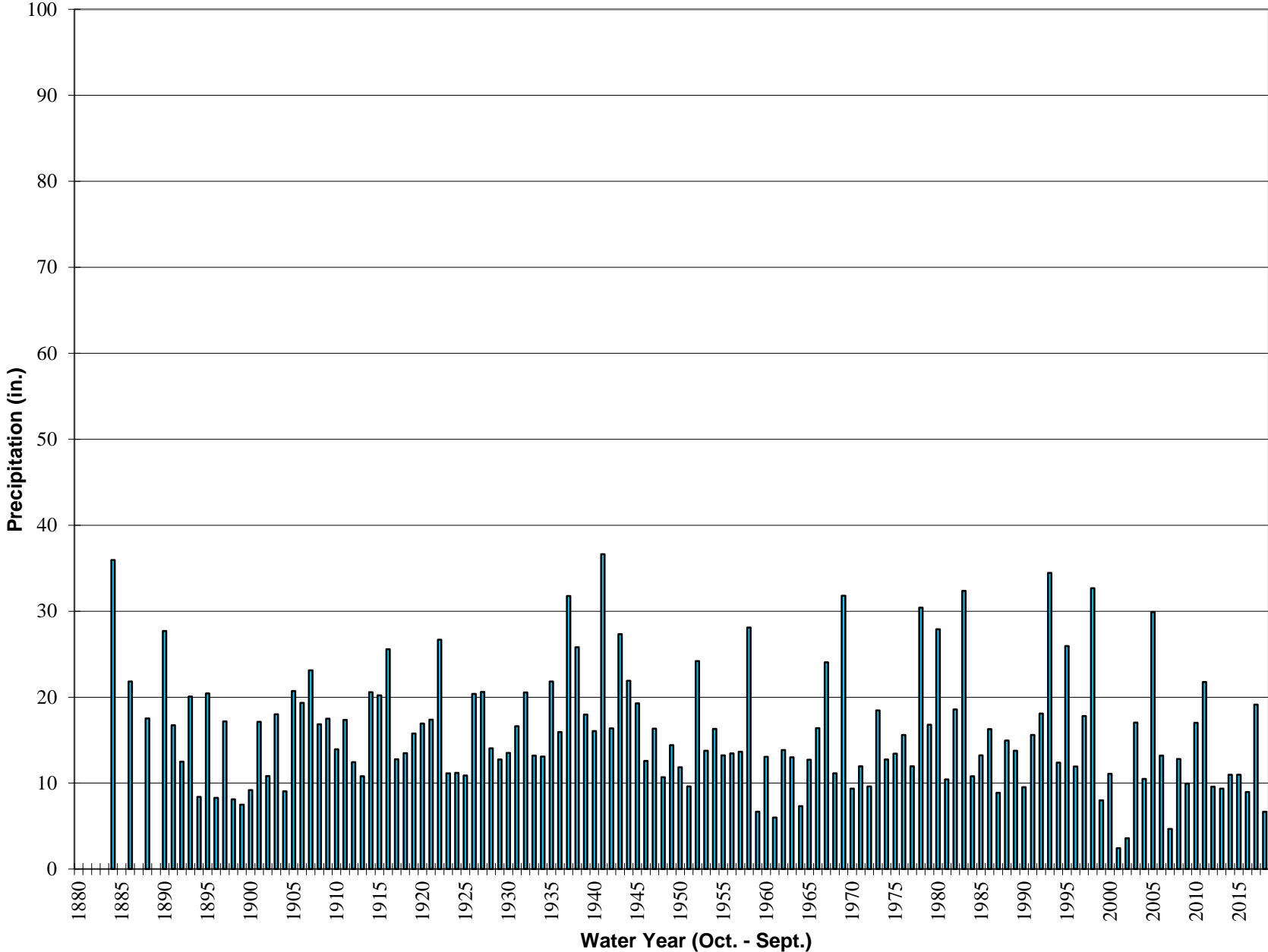
Appendix D



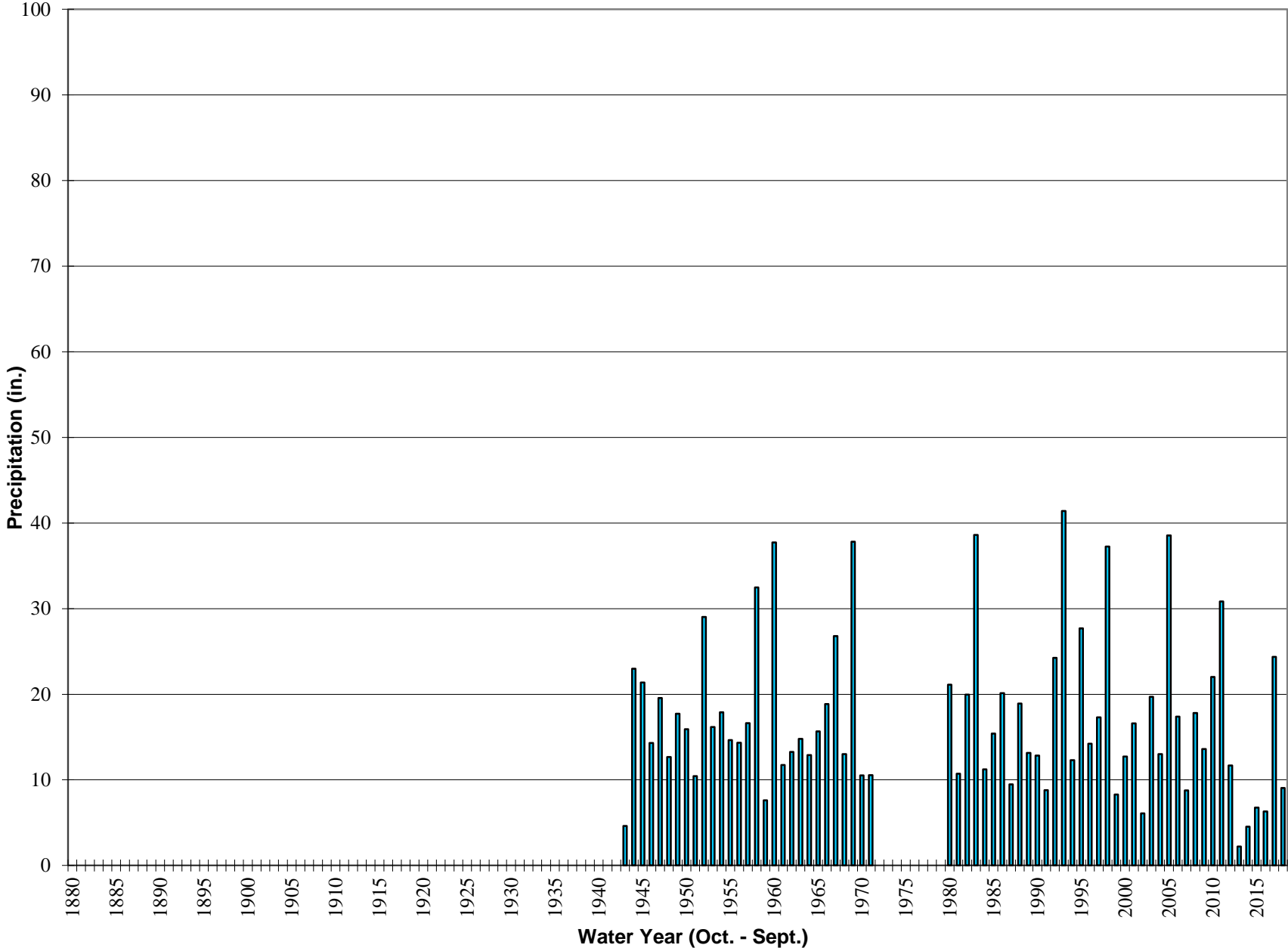
**San Bernardino Valley
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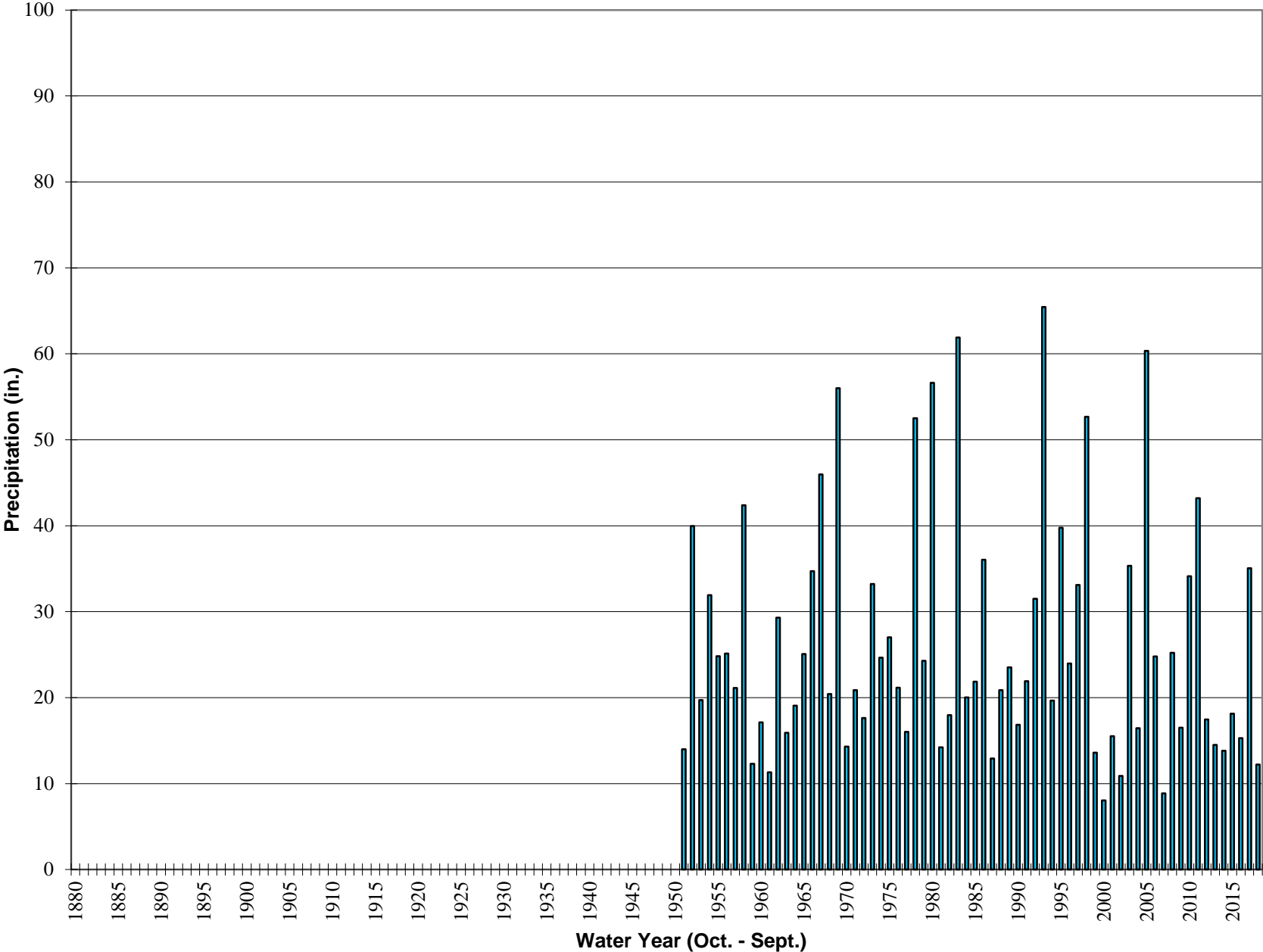
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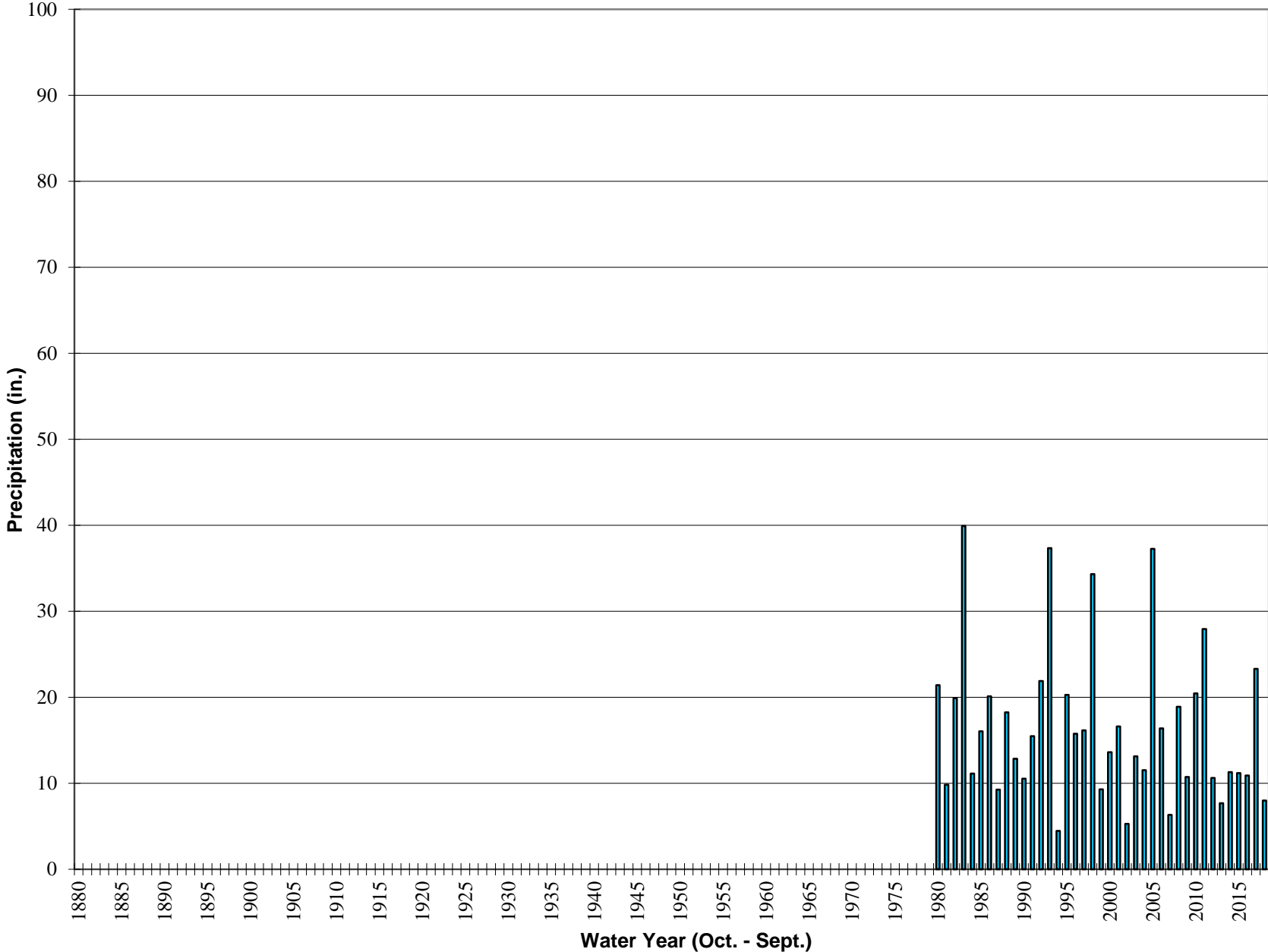
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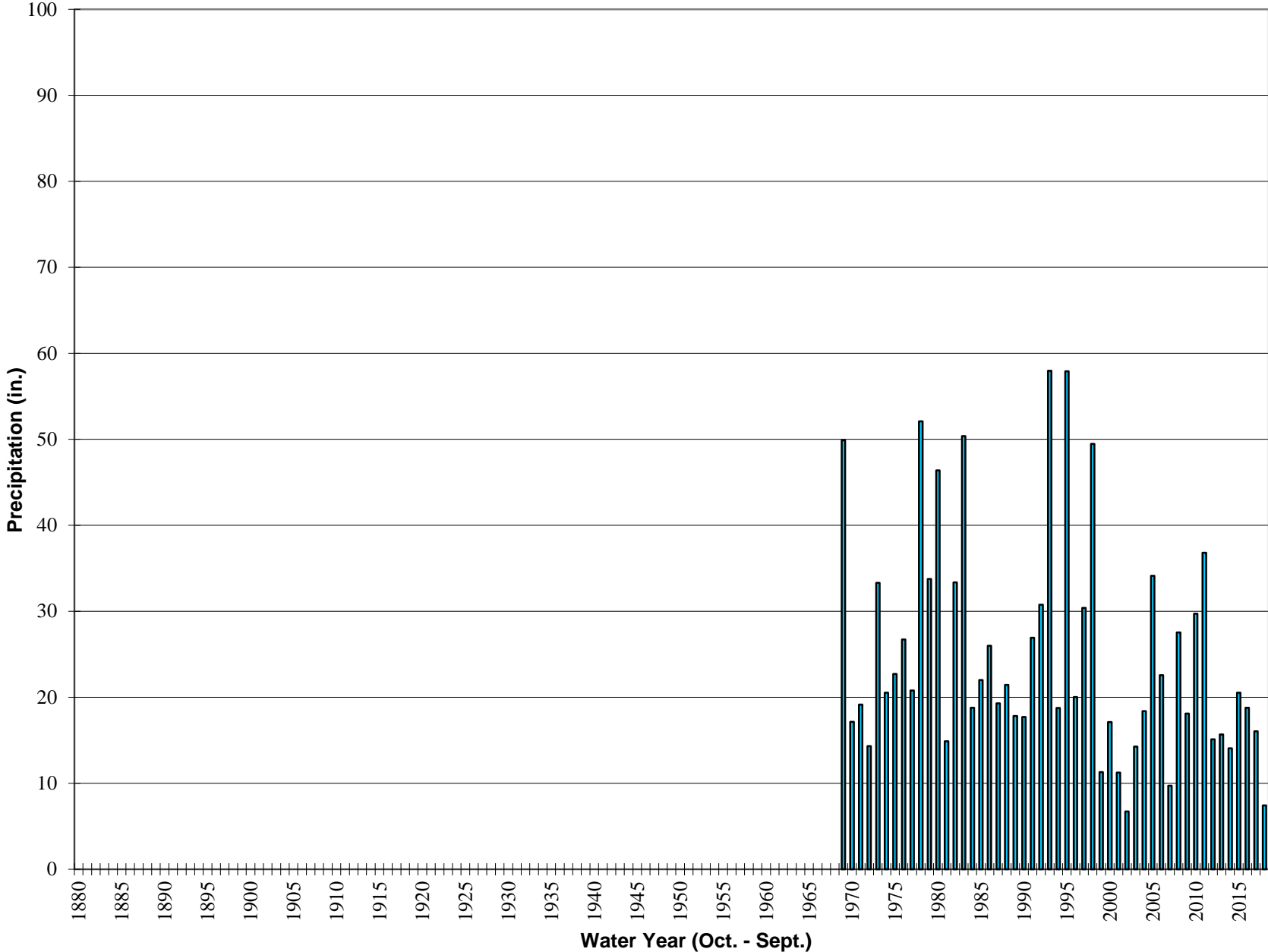
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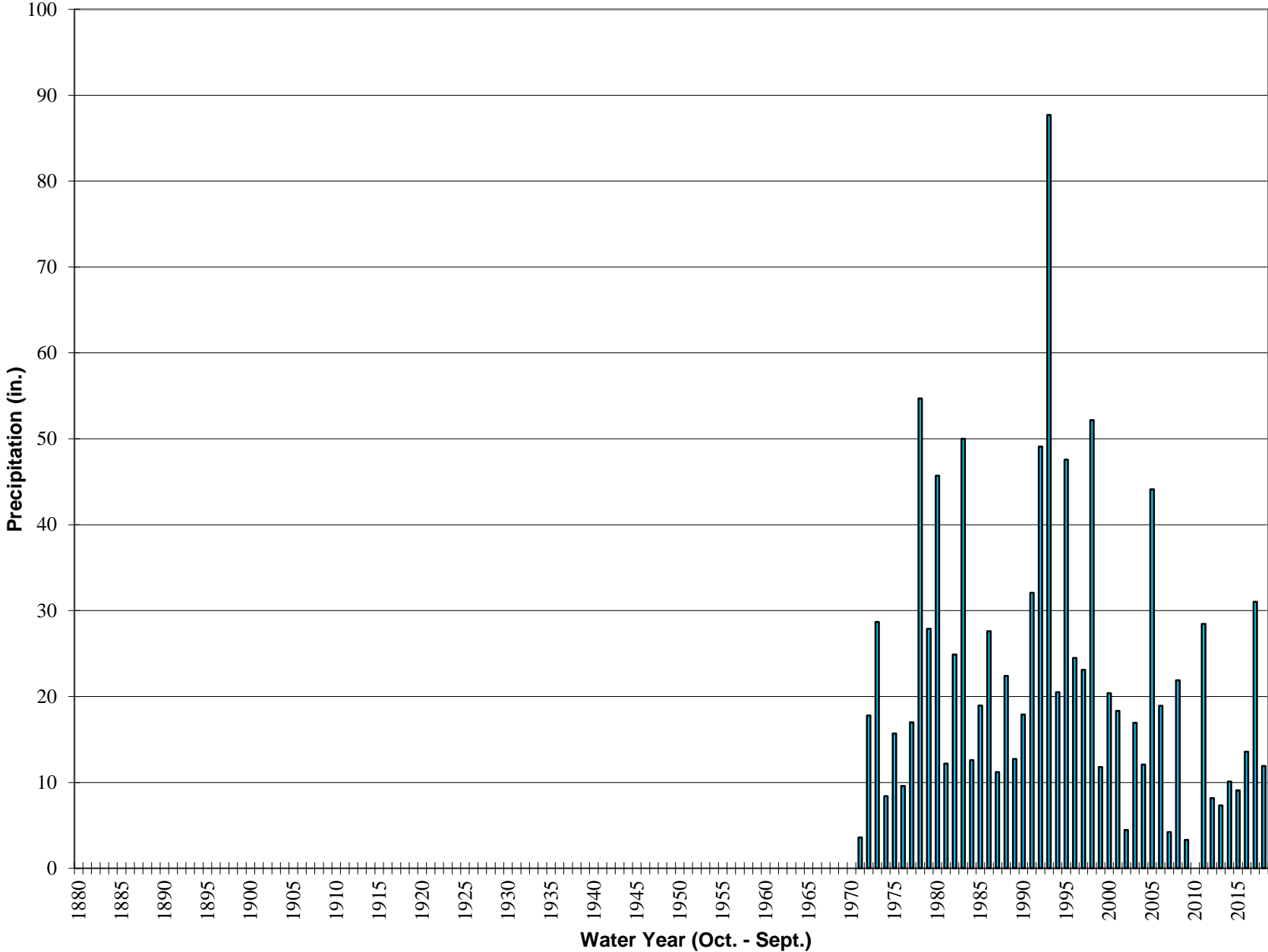
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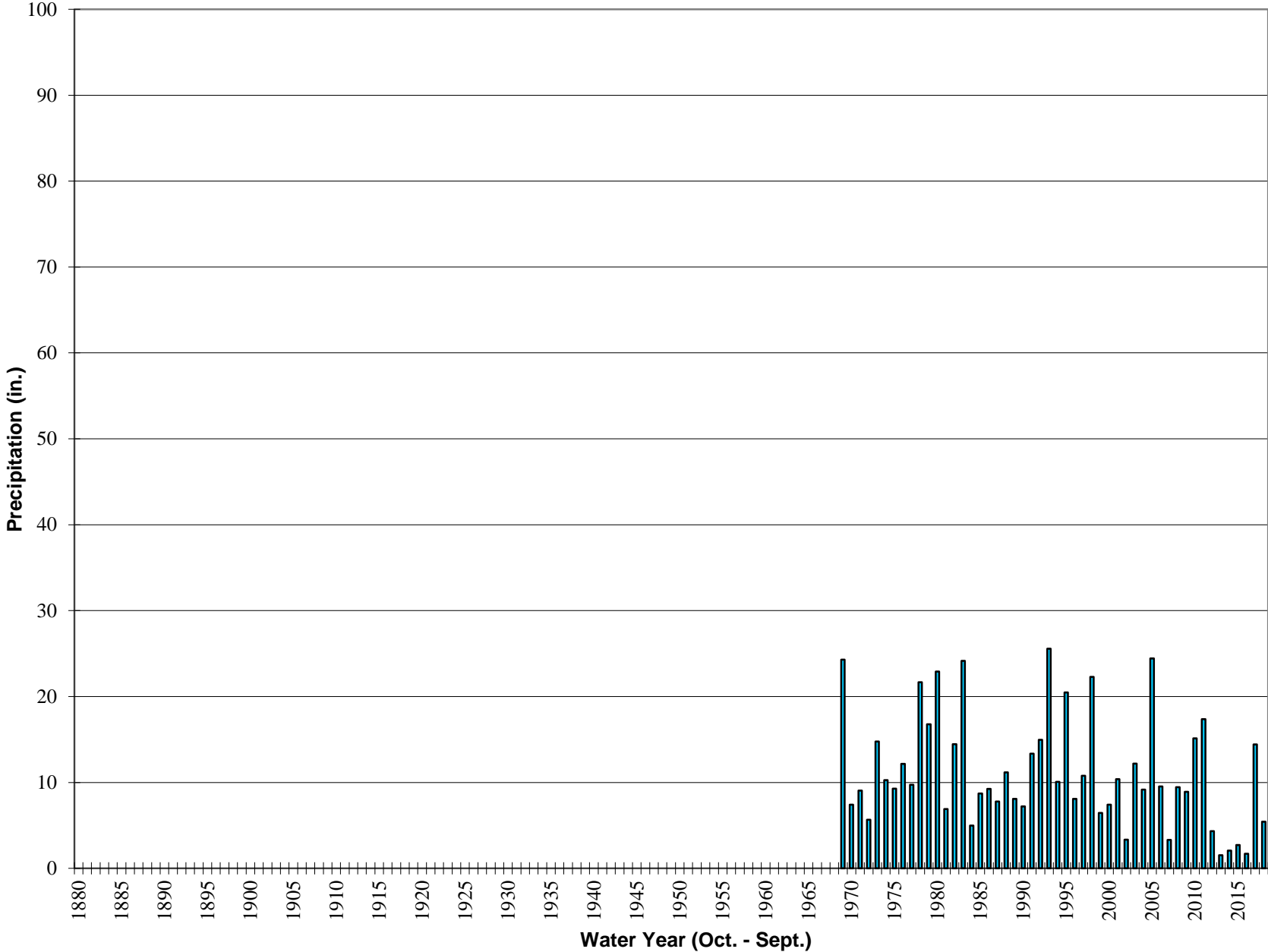
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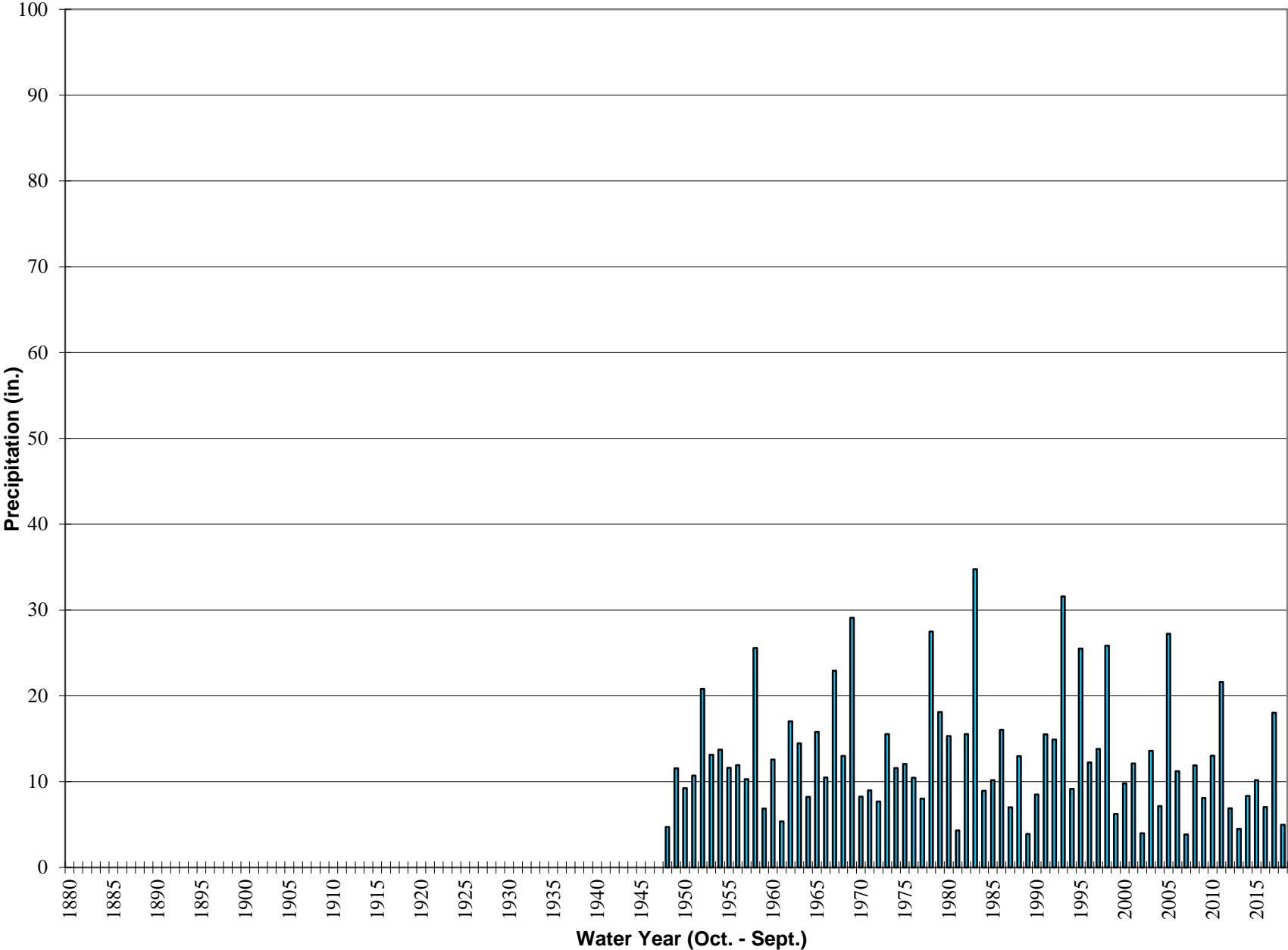
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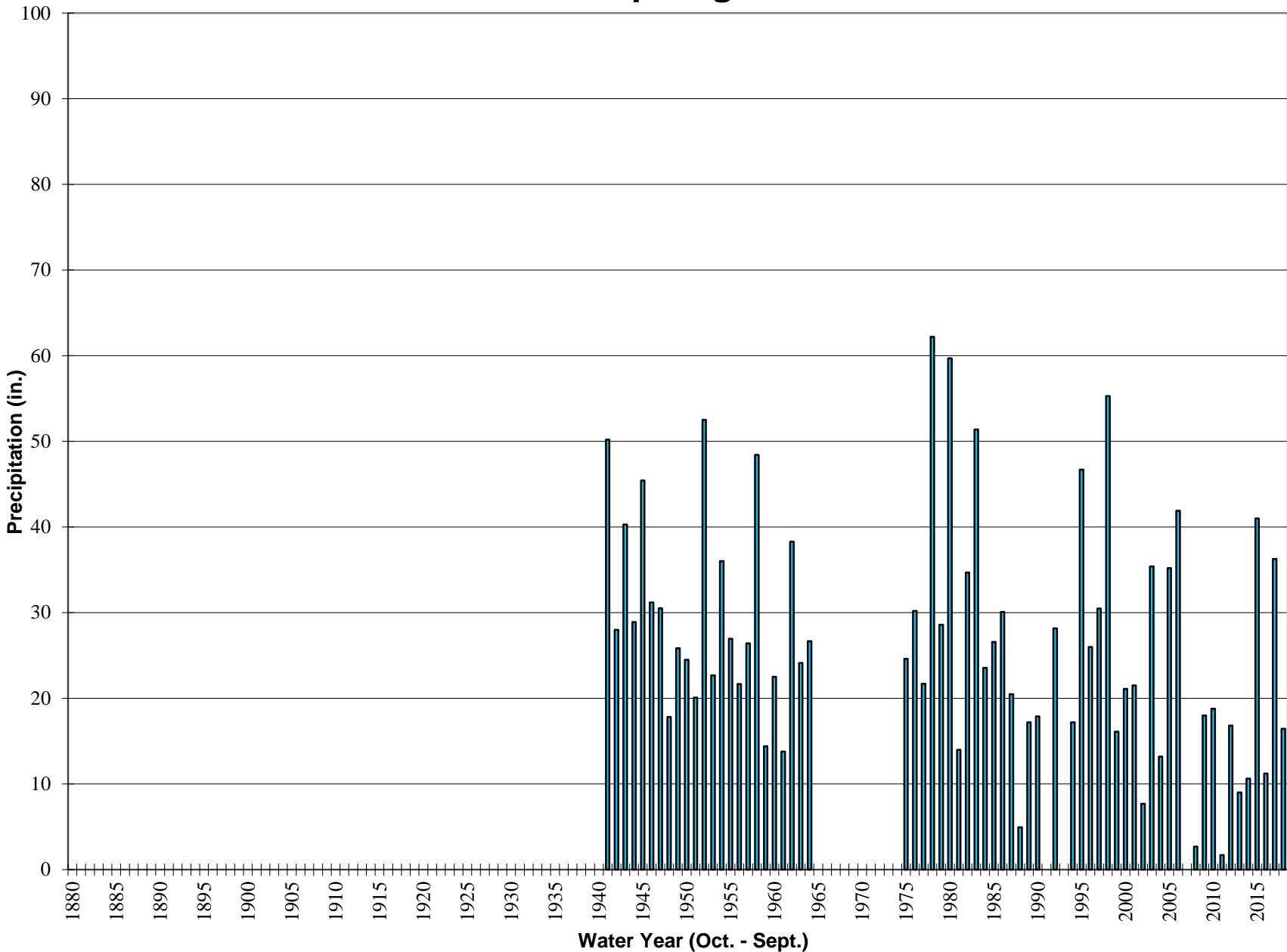
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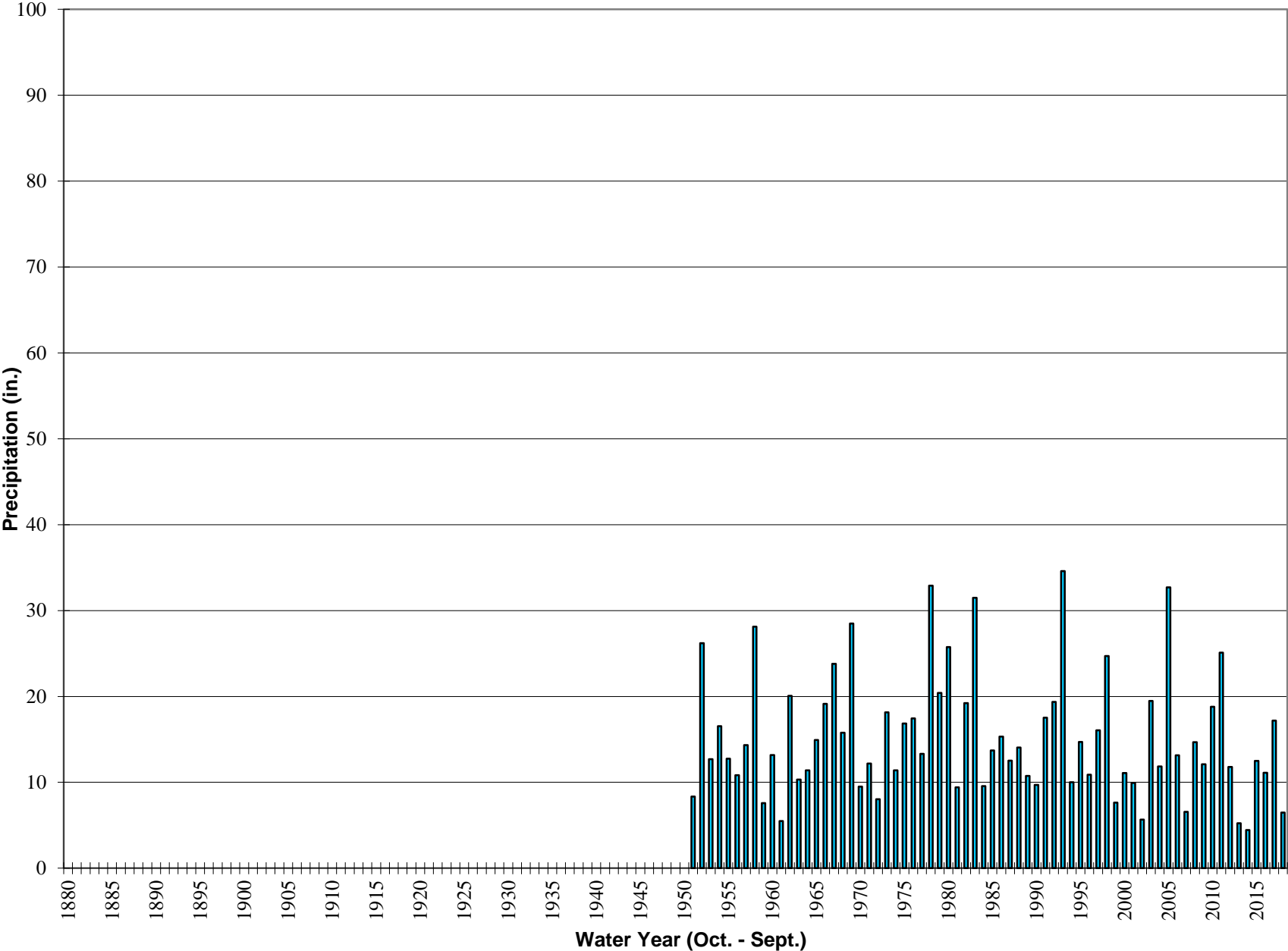
Historic Annual Precipitation Lytle Creek Foothill



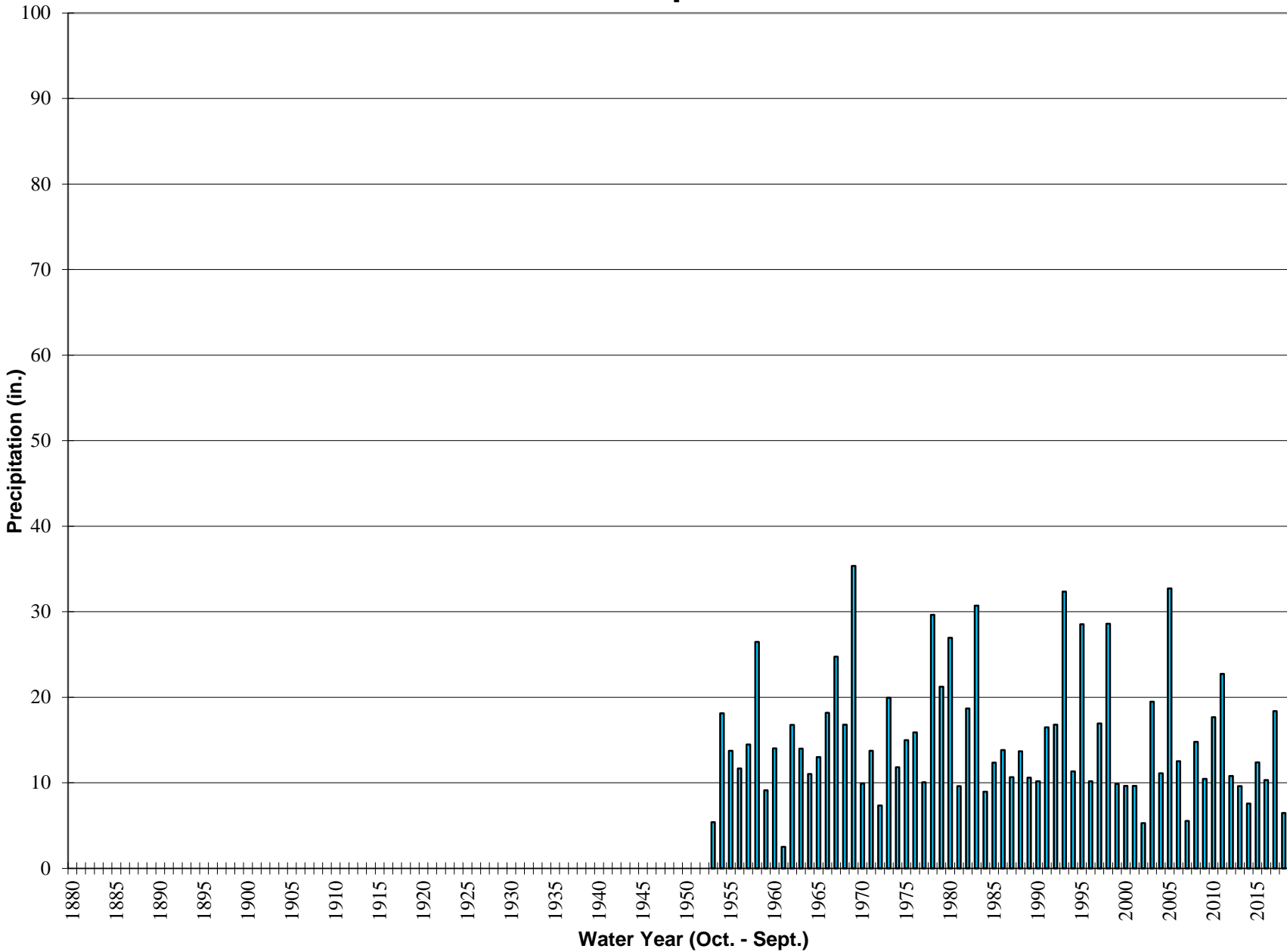
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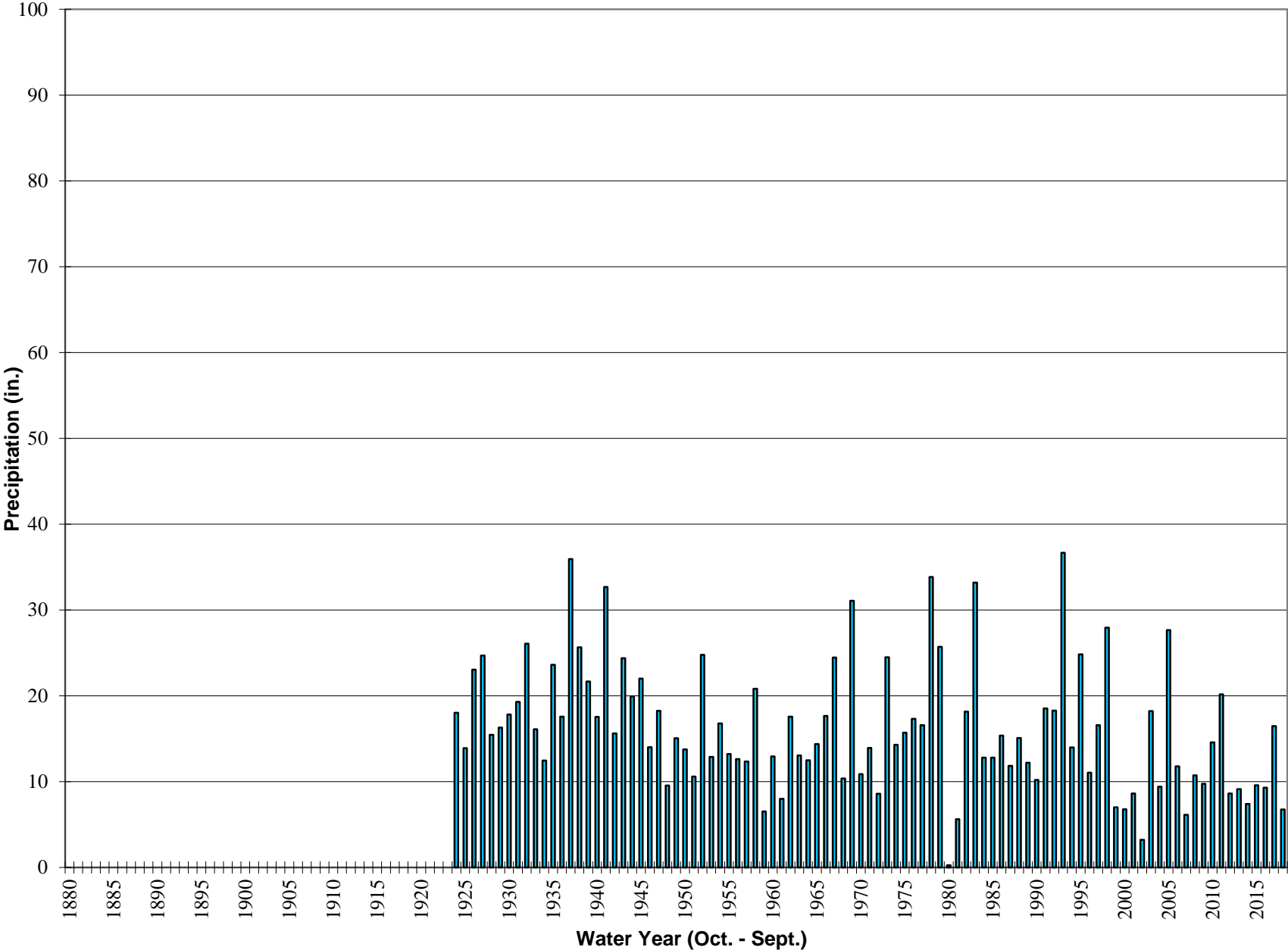
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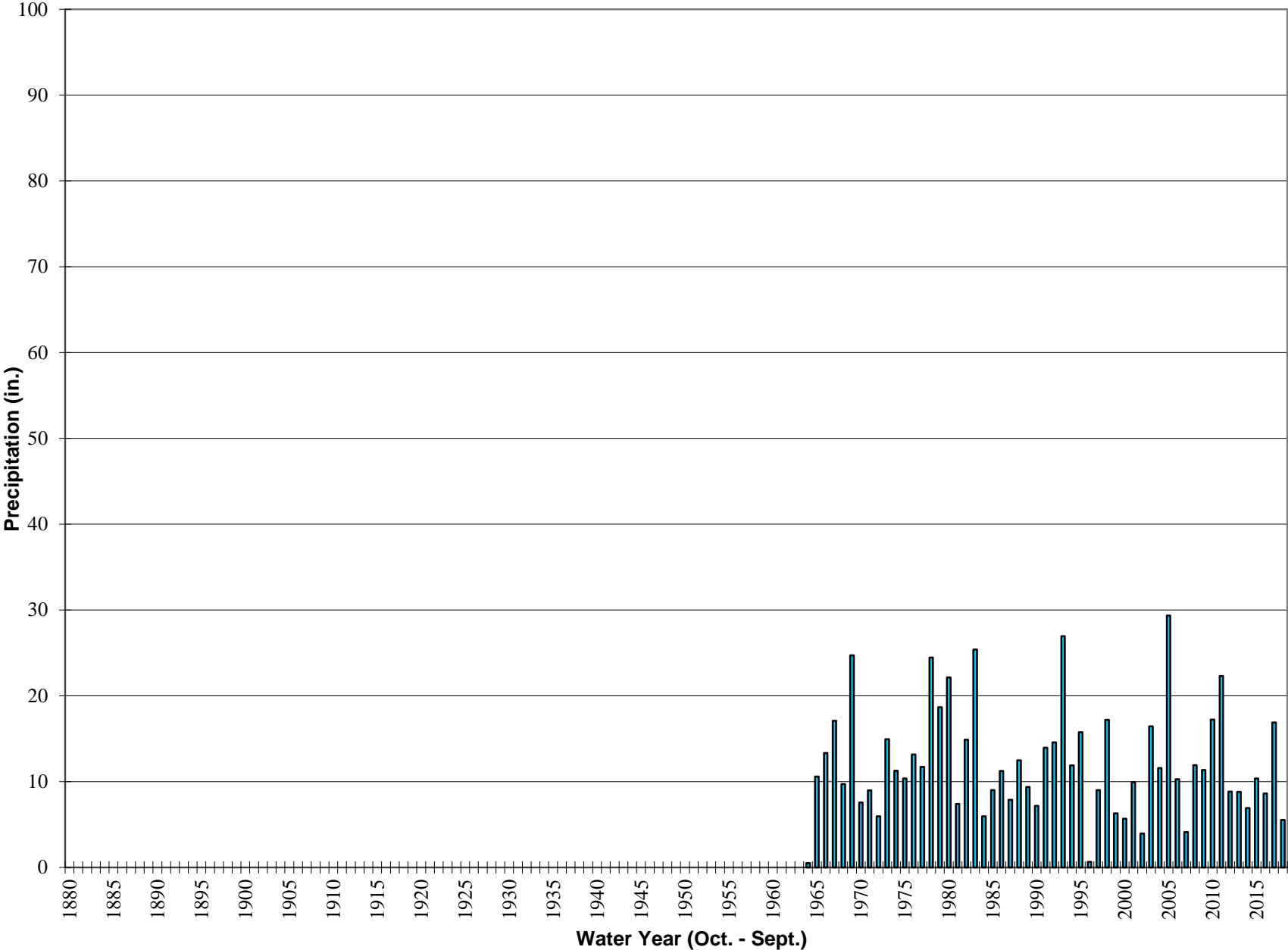
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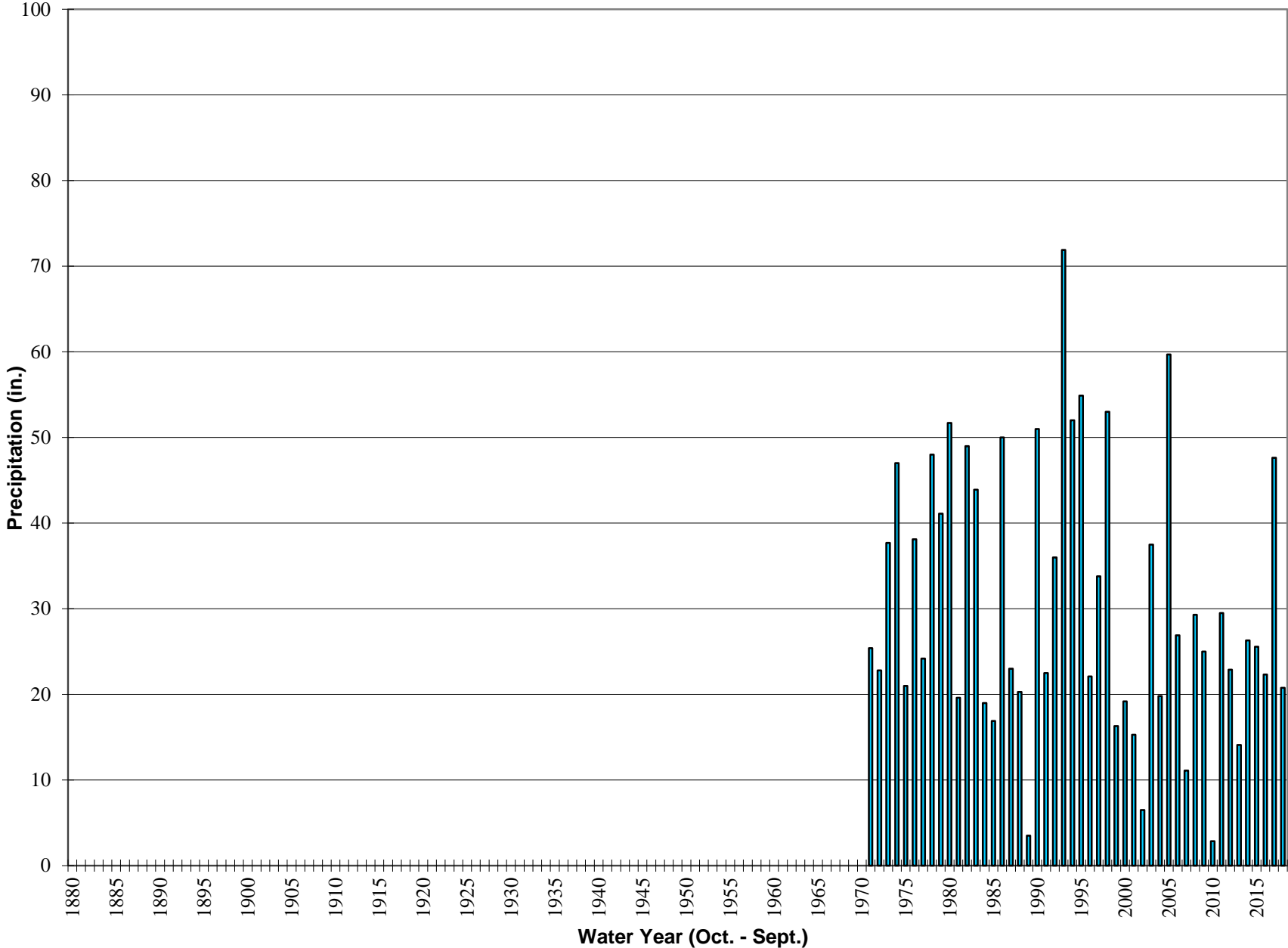
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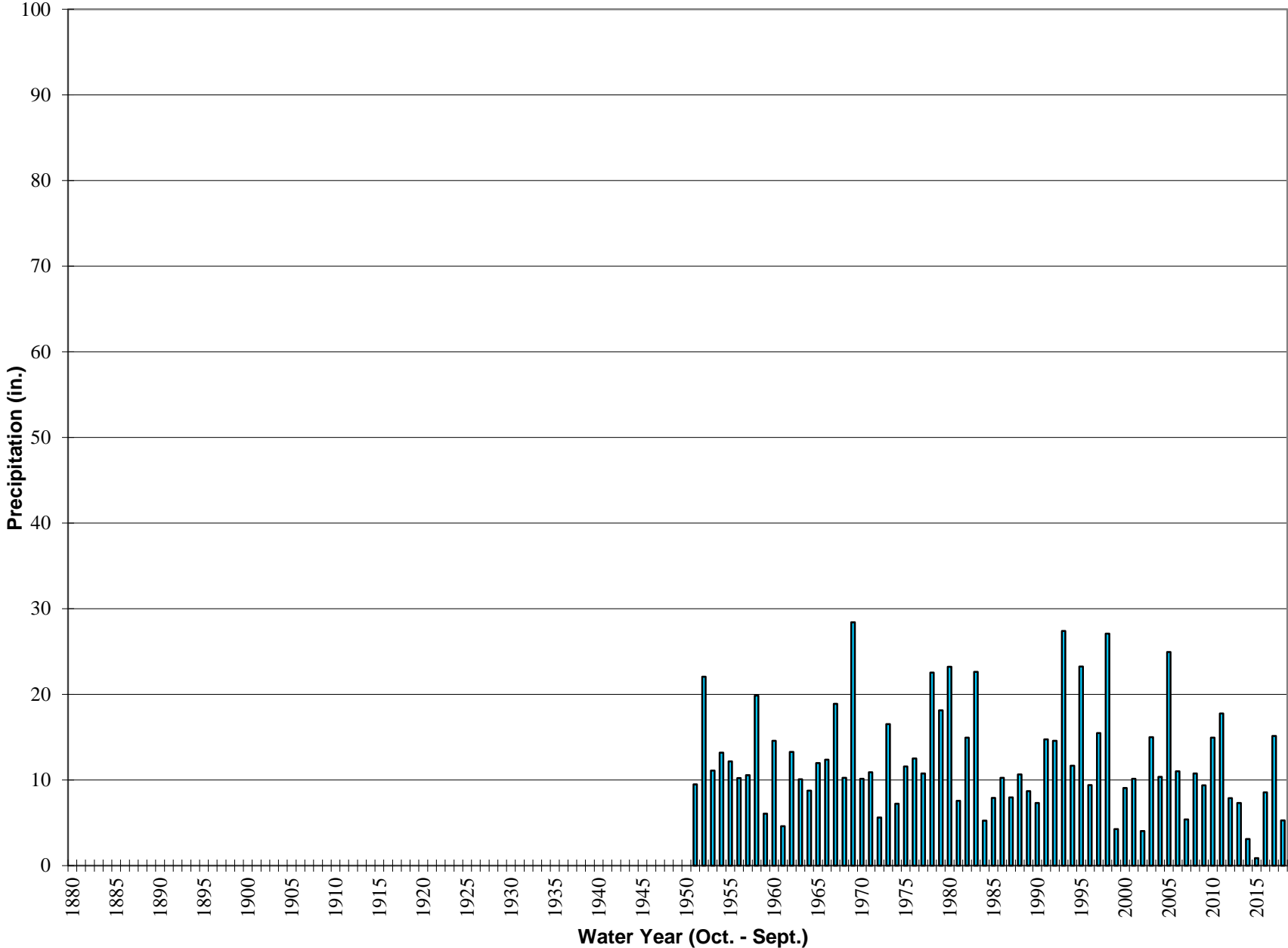
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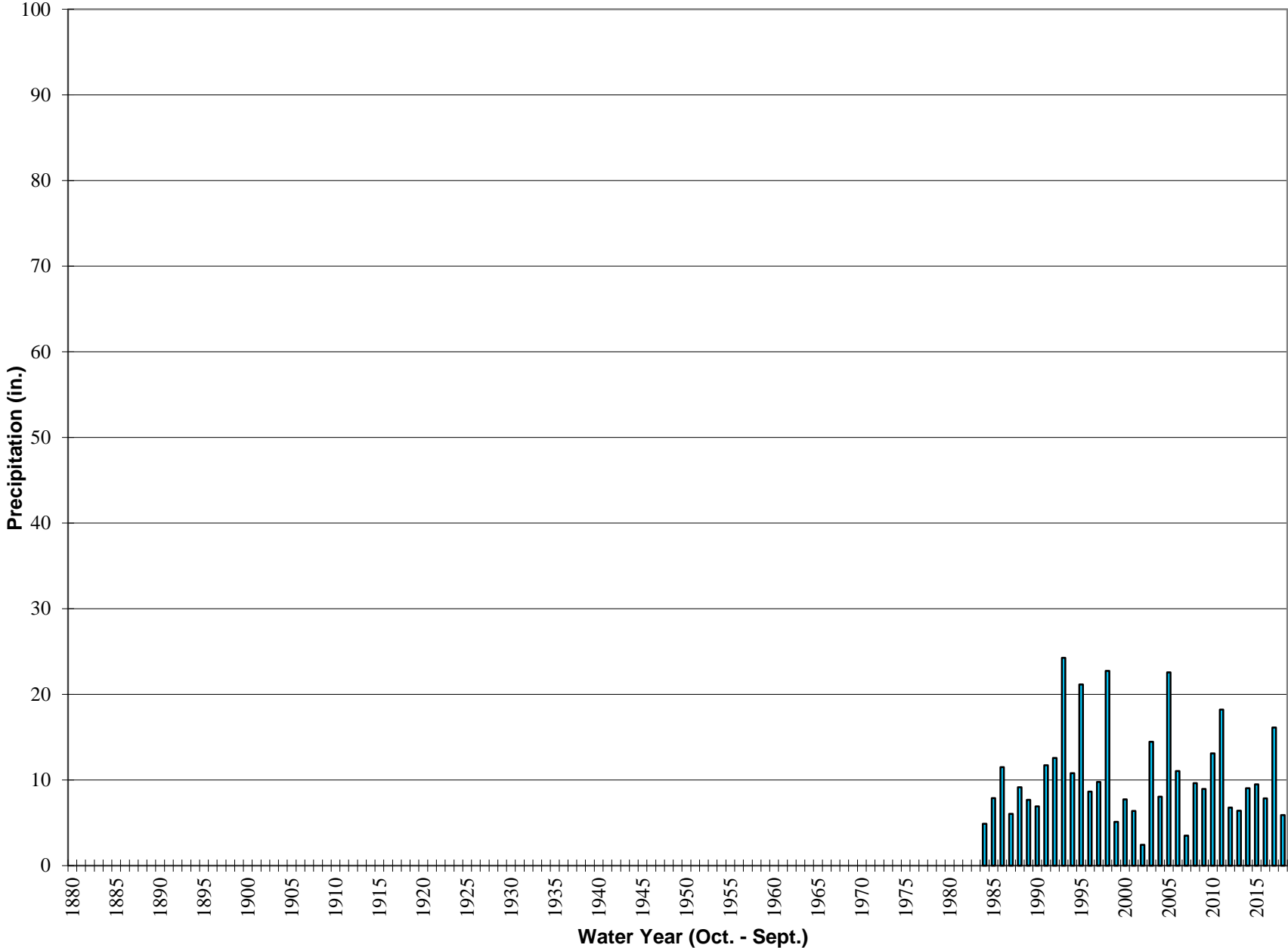
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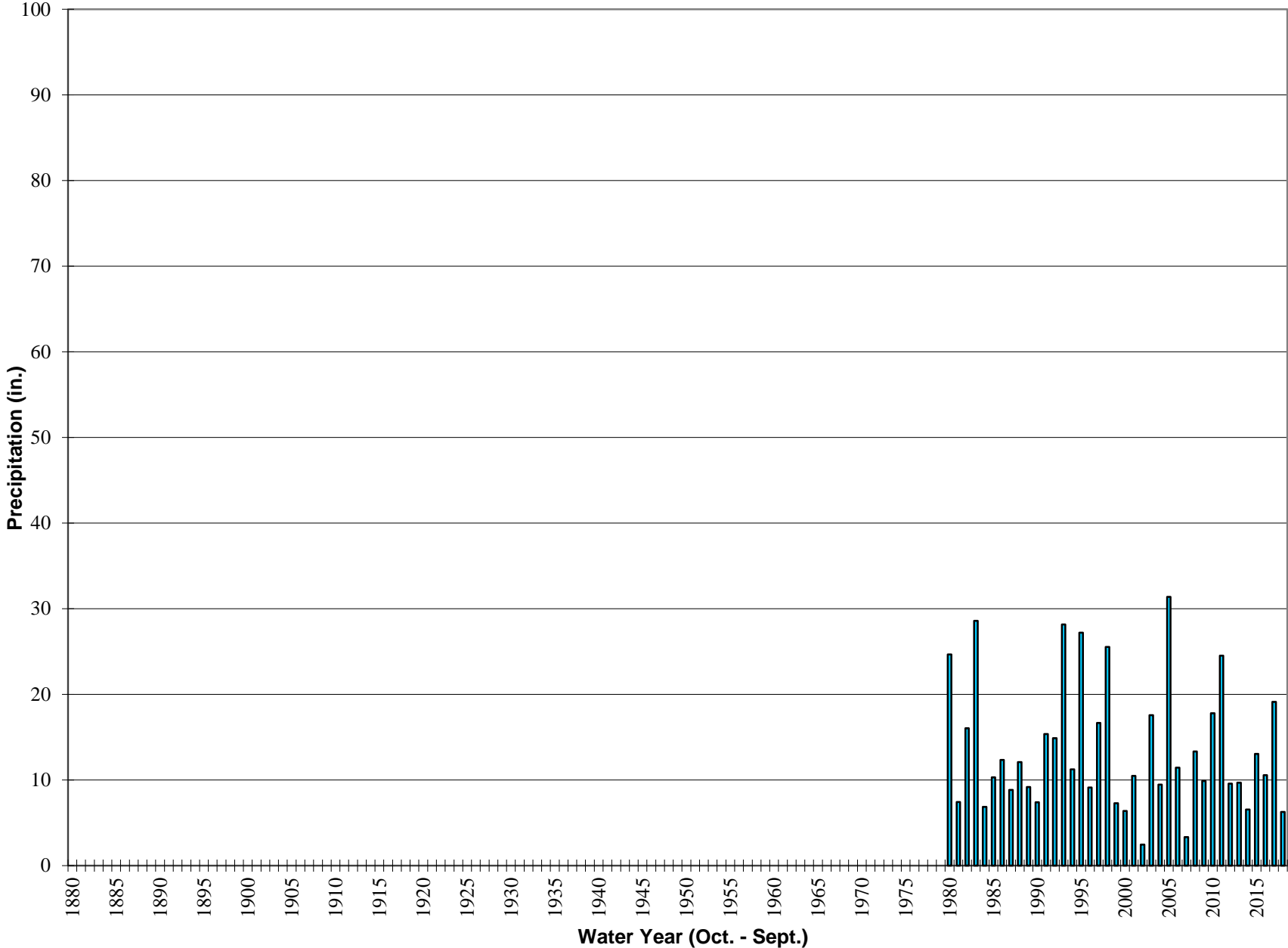
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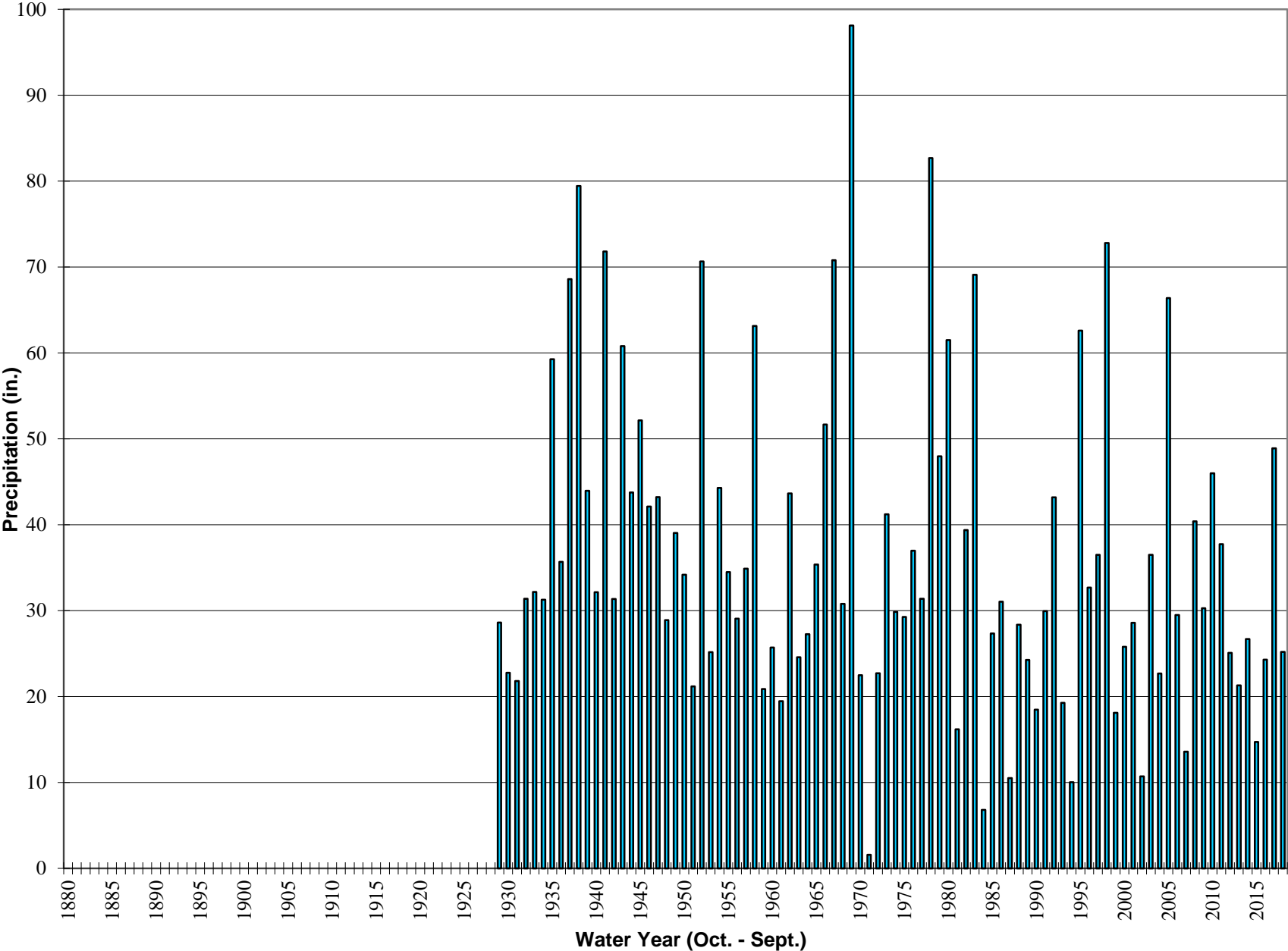
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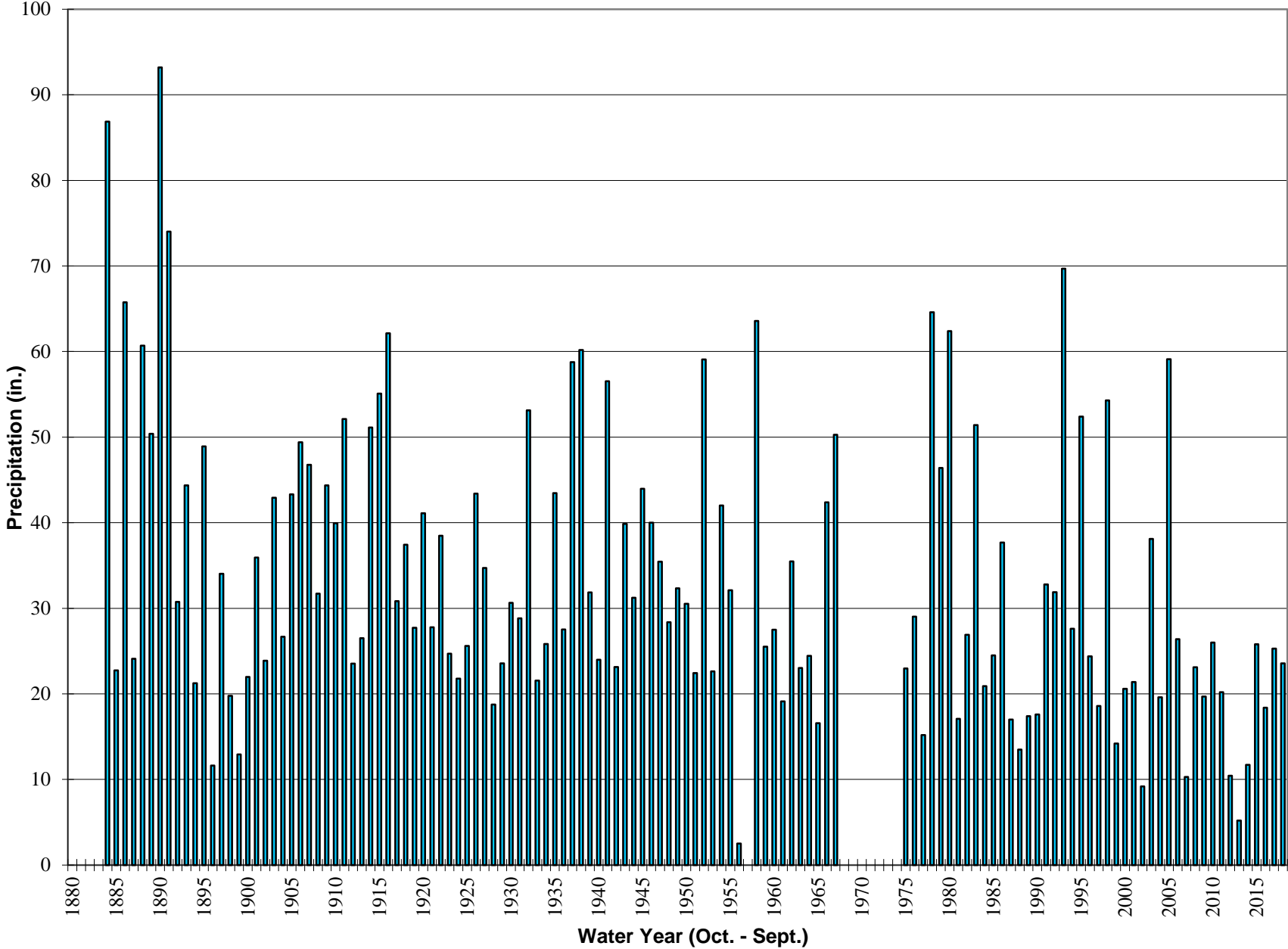
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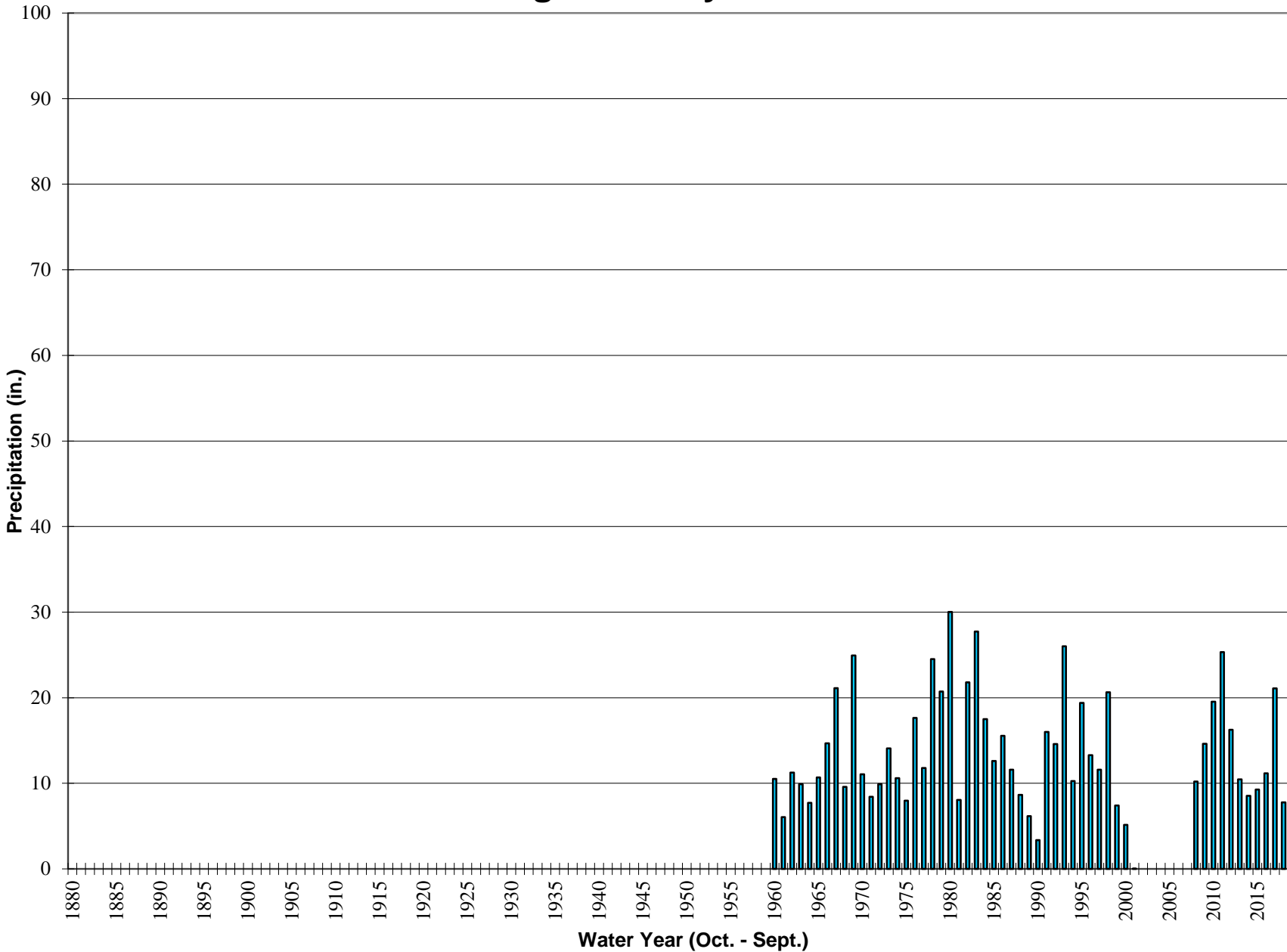
Historic Annual Precipitation Lake Arrowhead



Historic Annual Precipitation BB Dam



Historic Annual Precipitation Big Bear City-BBCSD



Engineering Investigation of the Bunker Hill Basin 2017-2018

Appendix E



**San Bernardino Valley
Water Conservation District**

Helping Nature Store Our Water

Questions and Answers: State Supreme Court Ruling Impact on Groundwater Charges

A very recent California Supreme Court ruling is requiring water conservation districts throughout the state to re-examine the structure of their rates for groundwater charges on agricultural and non-agricultural users.

Water conservation districts have statutory authority to levy a production-based fee on those who produce water from a groundwater basin, to offset costs of recharge and other activities to keep those basins functional. In the past, such districts (including the San Bernardino Valley Water Conservation District) based their groundwater charges on the State Water Code, which requires agricultural users to be charged between three and five times less for their water than for non-agricultural users. The result was that under the Water Code, agricultural users got a discounted rate of three to five times less than the non-agricultural rate.

The State Supreme Court ruled water conservation districts must instead base their rates on the relative benefits and burdens of ratepayers to the services the districts provide, and that constitutional requirements override the “three to five times” ratio set out in the Water Code. This case has prompted the San Bernardino Valley Water Conservation District (SBVWCD) to schedule a workshop and public meetings to discuss the impacts on the groundwater charge paid by groundwater producers who pump water directly from wells, particularly agricultural users.

The ruling also states that groundwater charges are not subject to procedures normally governing assessments or property related charges, (Prop 218) because they are based on the activity of groundwater production, not property ownership.

What was the California Supreme Court Ruling?

The December 4, 2017, ruling essentially makes Water Code standards obsolete for setting rates for agricultural uses, including golf courses and cemeteries. The only exception is when specific studies show the burden and benefits of the activity being charged fit within the “three to five times” range of the Water Code.

The decision stems from a lawsuit filed by the City of Ventura against the United Water Conservation District over that district’s groundwater charge. The city pumped water to serve residential customers at a rate that was three times what agricultural users paid. The city contended that it got no greater benefit from the district’s recharge activities than agricultural users who paid less and that this was unconstitutional. The State Supreme Court agreed, and ruled that all water conservation districts need to make sure that their groundwater charges met two constitutional standards: 1) the total amount of revenue collected cannot exceed the costs to the charging district of providing its services to pumpers; and 2) the rates of the fees must be proportional to the benefits and burdens of the services to users.

In other words, water conservation districts can no longer charge disproportional rates for agricultural and non-agricultural users unless those rates are shown to be proportional to the burden and benefit of the services for which the charge is imposed. Under this ruling, any district that intends to continue with the Water Code rate structure will have to prove that it costs three times more to provide conservation services to non-agricultural extractors who pay three times the fee.

What Does this Mean for Local Pumping Rates?

The SBVWCD has been following this issue very carefully and is evaluating a groundwater charge structure that will be fair and equitable but still comply with this latest ruling.

Currently, the SBVWCD charges a groundwater charge per acre foot of water pumped to pay for the costs of facility maintenance and recharge operations in Santa Ana River and Mill Creek Spreading Grounds in accordance with Water Code rates, which favor agricultural producers.

The SBVWCD evaluates the basin annually to be sure recharge is needed and sets a rate based on the groundwater production to cover its costs. This effort has resulted in the recharge of over 1 million acre-feet of water into the Bunker Hill Groundwater Basin. The groundwater charge ensures high water quality and helps sustain water levels in the basin during drought.

SBVWCD now needs to re-evaluate its rate structure, and assure that its rates reflect the benefits and burdens of its services on all users, not simply follow the Water Code preference for agricultural producers.

Where can I get more information?

In addition to completing the district's sustainability plan, the District is hosting a series of public workshops and hearings to explain the court decision, how it impacts the district's rate structure, and receiving comment from members of the public.

An information workshop will be held at:

1:30 p.m. Thursday, February 1, 2018

San Bernardino Water Conservation District Boardroom
1630 W. Redlands Blvd. Redlands, CA 92373

A Public Meeting on the proposed Groundwater Charge will be held at:

1:30 p.m. Wednesday, April 11, 2018

San Bernardino Water Conservation District Boardroom
1630 W. Redlands Blvd. Redlands, CA 92373

The Public Hearing to adopt a new groundwater charge will be held at:

1:30 p.m. Wednesday, April 25, 2018

San Bernardino Water Conservation District Boardroom
1630 W. Redlands Blvd. Redlands, CA 92373

For more information, please attend one of the meetings above or contact SBVWCD General Manager Daniel Cozad at 1630 West Redlands Blvd., Suite A, Redlands, CA 92373; or by phone at 909-793-2503.