

Engineering Investigation of the Bunker Hill Basin 2016-2017

Appendix A



Water Level Elevations For Bunker Hill Basin

Recordation Number	State Well Number	Well Name	Owner Or Measuring Agency	Measuring Point Elevation	2016			2017			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	290	805.11	12/1/2016	297	798.11	11/1/2017	-7.0	Bunker Hill I Southwest of 215 Freeway
3601259	001S004W18G001S	15	Colton, City of	1093.47	232	861.47	12/1/2016	219	874.47	12/1/2017	13.0	
3601260	001S004W08F001S	16	Colton, City of	1096.22	292	804.22	12/1/2016	304	792.22	11/1/2017	-12.0	Bunker Hill I Southwest of 215 Freeway
3601261	001S004W18F	17	Colton, City of	1099.39	210	889.39	12/1/2016				210.0	
3602405	001S004W08F	19	Colton, City of	1104.1	284	820.1	12/1/2016	304	800.1	12/1/2017	-20.0	Bunker Hill I Southwest of 215 Freeway
3602793	001S004W08F015S	21	Colton, City of	1093.68	308	785.68	12/1/2016	304	789.68	11/1/2017	4.0	Bunker Hill I Southwest of 215 Freeway
3602881	001S004W27M001S	22	Colton, City of	1001.87	196	805.87	12/1/2016	214	787.87	11/1/2017	-18.0	
3603367	001S004W21K001S	23	Colton, City of	975	104	871	12/1/2016	91	884	11/1/2017	13.0	
3603598	001S004W18N	24	Colton, City of	1100.75	228	872.75	12/1/2016	229	871.75	12/1/2017	-1.0	
3603704	001S004W08J002S	26	Colton, City of	1025	212	813	12/1/2016	201	824	12/1/2017	11.0	Bunker Hill I Southwest of 215 Freeway
3604006	001S004W08R	27	Colton, City of	1078.5	345	733.5	12/1/2016	362	716.5	12/1/2017	-17.0	Bunker Hill I Southwest of 215 Freeway
3604007	001S004W08F	28	Colton, City of	1091.5	274	817.5	12/1/2016	281	810.5	12/1/2017	-7.0	Bunker Hill I Southwest of 215 Freeway
	001S004W29G	30	Colton, City of	943	124	819	12/1/2016	135	808	12/1/2017	-11.0	
	001S004W29G	31	Colton, City of	0	121	-121	12/1/2016	130	-130	12/1/2017	-9.0	
3602428	002N005W34E001S	4	Devore Water Company	2020	180.85	1839.15	11/9/2016	164.3	1855.7	11/28/2017	16.6	Bunker Hill I Southwest of 215 Freeway
3602383	002N005W28C002S	2A	Devore Water Company	2475	109.63	2365.37	11/9/2016	80.2	2394.8	11/28/2017	29.4	Bunker Hill I Northeast of 215 Freeway
3602384	002N005W28C003S	3 (3a)	Devore Water Company	2466	101.03	2364.97	11/9/2016	71.8	2394.2	11/28/2017	29.2	Bunker Hill I Northeast of 215 Freeway
3601656	001N004W36Q001S	6	East Valley Water District	1098.9	175.6	923.3	11/1/2016			12/5/2017	175.6	Pressure Zone North of Santa Ana Wash
3601663	001S004W02Q004S	12	East Valley Water District	1058.88	187	871.88	12/15/2016	207	851.88	12/18/2017	-20.0	Pressure Zone North of Santa Ana Wash
3602274	001N003W30J005S	39	East Valley Water District	1350.29	383	967.29	12/20/2016	399	951.29	12/18/2017	-16.0	Bunker Hill II West of Mentone Fault
3602113	001N003W30N001S	41	East Valley Water District	1232.29	308.1	924.19	12/6/2016	334	898.29	12/5/2017	-25.9	Bunker Hill II West of Mentone Fault
3600026	001S003W04J001S	102	East Valley Water District	1242.47	245	997.47	12/6/2016	269	973.47	12/5/2017	-24.0	Bunker Hill II West of Mentone Fault
3602370	001N004W25F004S	107	East Valley Water District	1217.29	306	911.29	12/20/2016	312	905.29	12/19/2017	-6.0	Bunker Hill II West of Mentone Fault
3602799	001S002W07F001S	125	East Valley Water District	1600	211	1389	12/21/2016	168	1432	12/19/2017	43.0	Bunker Hill II East of Mentone Fault North
3603734	001S003W02P006S	147	East Valley Water District	1362	206	1156	12/21/2016	187	1175	12/20/2017	19.0	Bunker Hill II West of Mentone Fault
3602563	001S004W02Q009S	11A	East Valley Water District	1056.89	248	808.89	12/15/2016			12/18/2017	248.0	Pressure Zone North of Santa Ana Wash
3600680	001S003W02J002S	120 Cram Well	East Valley Water District	1410	224	1186	12/20/2016	141	1269	12/19/2017	83.0	Bunker Hill II West of Mentone Fault
3602034	001S004W02Q008S	12A	East Valley Water District	1057	190	867	12/15/2016	210	847	12/18/2017	-20.0	Pressure Zone North of Santa Ana Wash
3601987	001S003W04G002S	136-1, Dunkirk #1	East Valley Water District	1245.85	272.8	973.05	12/6/2016	299.5	946.35	12/5/2017	-26.7	Bunker Hill II West of Mentone Fault
3602560	001S003W04G003S	136-2, Dunkirk #2	East Valley Water District	1240	272	968	12/6/2016	299	941	12/5/2017	-27.0	Bunker Hill II West of Mentone Fault
3603247	001S003W06P018S	141, McDaniel	East Valley Water District	1120	221	899	12/21/2016	248	872	12/19/2017	-27.0	Pressure Zone North of Santa Ana Wash
3600220	001S003W01H001S	142 Mt. Harrison	East Valley Water District	1520	297	1223	12/21/2016	201	1319	12/19/2017	96.0	Bunker Hill II West of Mentone Fault
3603583	001S003W02N002S	143 Abbey Way	East Valley Water District	1339	225	1114	12/21/2016	212	1127	12/19/2017	13.0	Bunker Hill II West of Mentone Fault
3601639	001S003W03R001S	146 EHR Well	East Valley Water District	1327.26	300	1027.26	12/21/2016	308	1019.26	12/20/2017	-8.0	Bunker Hill II West of Mentone Fault
3603774	001S003W03R004S	146A (Church Street)	East Valley Water District	1320	298	1022	12/21/2016	308	1012	12/20/2017	-10.0	Bunker Hill II West of Mentone Fault
3601671	001N004W26A002S	24A	East Valley Water District	1242.99	340	902.99	11/2/2016	353	889.99	12/18/2017	-13.0	Bunker Hill II West of Mentone Fault
3602337	001N004W26A003S	24B	East Valley Water District	1244.58	340	904.58	11/2/2016	360	884.58	12/18/2017	-20.0	Bunker Hill II West of Mentone Fault
3601673	001N004W25C002S	25A	East Valley Water District	1246.39	335	911.39	12/16/2016	355	891.39	12/18/2017	-20.0	Bunker Hill II West of Mentone Fault
3602564	001S004W12B006S	28A	East Valley Water District	1090.1	200	890.1	12/16/2016	218	872.1	12/18/2017	-18.0	Pressure Zone North of Santa Ana Wash
3602338	001S003W04N003S	40-A	East Valley Water District	1198.64	259	939.64	12/20/2016	272	926.64	12/19/2017	-13.0	Bunker Hill II West of Mentone Fault
3601184	001N003W33F001S	94 Corwin	East Valley Water District	1413.17	385.1	1028.07	12/6/2016	412.2	1000.97	12/5/2017	-27.1	Bunker Hill II West of Mentone Fault
3601660	001S003W06H004S	9A	East Valley Water District	1151.54	242	909.54	12/15/2016	242	909.54	12/18/2017	0.0	Pressure Zone North of Santa Ana Wash
9900021	001S003W09E002S	Tri-City Concrete	East Valley Water District	1195.44	229.7	965.74	12/6/2016	258.5	936.94	12/5/2017	-28.8	Bunker Hill II West of Mentone Fault
3600582	001N005W06G001S	F27A	Fontana Water Company	2244	79	2165	10/1/2016	77	2167	10/16/2017	2.0	Lytle Basin Northwest of Barrier J
3600562	001N005W22F002S	F28A	Fontana Water Company	1583.2	382	1201.2	10/1/2016	364	1219.2	11/1/2017	18.0	Lytle Basin Southeast of Barrier J
3600563	001N005W22C002S	F29A	Fontana Water Company	1591.26	387	1204.26	10/1/2016	366	1225.26	11/1/2017	21.0	Lytle Basin Southeast of Barrier J
3600585	001N005W16K001S	F32A	Fontana Water Company	1722.9	347	1375.9	10/1/2016	284	1438.9	10/1/2017	63.0	Lytle Basin Southeast of Barrier J
3600586	001N005W06K002S	F33A	Fontana Water Company	2155	98	2057	10/1/2016	91	2064	10/1/2017	7.0	Lytle Basin Northwest of Barrier J
3600569	001N005W22A001S	F36A	Fontana Water Company	1549.8	469	1080.8	10/1/2016	477	1072.8	10/1/2017	-8.0	Lytle Basin Southeast of Barrier J
3600581	001N005W07H001S	F42A	Fontana Water Company	2066	120	1946	10/1/2016	116	1950	10/1/2017	4.0	Lytle Basin Northwest of Barrier J

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					Depth To Water (ft)	Groundwater Elevation (ft, AMSL)	Date Measured	Depth To Water (ft)	Groundwater Elevation (ft, AMSL)	Date Measured		
3602781	001S004W25D006S	Anderson II	Loma Linda University	1075	227.5	847.5	12/1/2016	240	835	12/1/2017	-12.5	Pressure Zone Santa Ana Wash
3602855	001S004W25D007S	Anderson III	Loma Linda University	1070	226	844	12/1/2016	236	834	12/1/2017	-10.0	Pressure Zone Santa Ana Wash
		Anderson IV	Loma Linda University	1083	226	857	12/1/2016	240	843	12/1/2017	-14.0	Pressure Zone Santa Ana Wash
3603719	001S004W24A005S	Mt. View Well 3	Loma Linda, City of	1095	200	895	12/27/2016	224	871	12/26/2017	-24.0	Pressure Zone Santa Ana Wash
3603721	001S004W24D008S	Mt. View Well 4	Loma Linda, City of	1106	220	886	12/27/2016	240	866	12/18/2017	-20.0	Pressure Zone Santa Ana Wash
3603776	001S004W24B003S	Mt. View Well 5	Loma Linda, City of	1085	206	879	12/27/2016	224	861	12/26/2017	-18.0	Pressure Zone Santa Ana Wash
3603956	001S004W24B004S	Mt. View Well 6	Loma Linda, City of	1090	205	885	12/27/2016	229	861	12/26/2017	-24.0	Pressure Zone Santa Ana Wash
3603523	001S004W24P004S	Richardson 3	Loma Linda, City of	1079	216	863	12/27/2016	239	840	12/26/2017	-23.0	Pressure Zone Santa Ana Wash
3603720	001S004W24F011S	Richardson 4	Loma Linda, City of	1070	203	867	12/27/2016	225	845	12/26/2017	-22.0	Pressure Zone Santa Ana Wash
3603955	001S004W24B005S	Richardson 5	Loma Linda, City of	1080	204	876	12/27/2016	222	858	12/26/2017	-18.0	Pressure Zone Santa Ana Wash
3603956	001S004W24L007S	Richardson 6	Loma Linda, City of	1095	213	882	12/27/2016	235	860	12/26/2017	-22.0	Pressure Zone Santa Ana Wash
3601887	001S004W15L003S	Station 59	Meeks & Daley Water Co	984	141.1	842.9	12/1/2016	151.7	832.3	8/1/2017	-10.6	Pressure Zone Santa Ana Wash
3603215	001S004W15M011S	Station 91	Meeks & Daley Water Co	980	125.9	854.1	12/1/2016	132.8	847.2	8/1/2017	-6.9	Pressure Zone Santa Ana Wash
3601308	001S002W19K001S	Agate #1	Redlands, City of	1723	183	1540	12/8/2016	172	1551	12/7/2017	11.0	Bunker Hill II East of Mentone Fault North
3602792	001S002W19A001S	Agate #2	Redlands, City of	1720	225	1495	12/8/2016	151	1569	12/7/2017	74.0	Bunker Hill II East of Mentone Fault North
3602895	001S003W13H002S	Airport #1	Redlands, City of	1530	295	1235	12/7/2016	248	1282	12/6/2017	47.0	Bunker Hill II West of Mentone Fault
3603762	001S003W13M001S	Airport #2	Redlands, City of	1469	309	1160	12/7/2016	281	1188	12/6/2017	28.0	Bunker Hill II West of Mentone Fault
3602109	001S003W31B001S	Bryn Mawr #4	Redlands, City of	1190	139	1051	12/9/2016	152	1038	12/7/2017	-13.0	Bunker Hill II West of Mentone Fault
3603761	001S003W18R	California Steet Irrigation	Redlands, City of	1156	246	910	12/7/2016	265	891	12/7/2017	-19.0	Bunker Hill II West of Mentone Fault
3601627	002S002W03E001S	Chicken Hill	Redlands, City of	2200	196	2004	12/8/2016	203	1997	12/6/2017	-7.0	
3604001	001S003W14E001S	Church Street	Redlands, City of	1340	210	1130	12/8/2016	194	1146	12/7/2017	16.0	Bunker Hill II West of Mentone Fault
3602654	001S002W19J002S	Crafton	Redlands, City of	1780	194	1586	12/8/2016	162	1618	12/7/2017	32.0	Bunker Hill II East of Mentone Fault North
3601287	001S002W21B002S	E. Lugonia #3	Redlands, City of	2091	26	2065	12/8/2016	22	2069	12/6/2017	4.0	Bunker Hill II East of Mentone Fault North
3602791	001S002W20B001S	E. Lugonia #4	Redlands, City of	1831.58	159	1672.58	12/8/2016	78	1753.58	12/6/2017	81.0	Bunker Hill II East of Mentone Fault North
3601290	001S002W21D001S	E. Lugonia #6	Redlands, City of	1970	60	1910	12/9/2016	47	1923	12/6/2017	13.0	Bunker Hill II East of Mentone Fault North
3603046	002S002W10B002S	Hog Canyon #2	Redlands, City of	2250	185	2065	12/8/2016	166	2084	12/7/2017	19.0	
3602065	001S003W32J002S	Lee Well	Redlands, City of	1357	229	1128	12/9/2016	237	1120	12/7/2017	-8.0	Bunker Hill II West of Mentone Fault
3602896	001S002W20D001S	Madeira	Redlands, City of	1770	247	1523	12/8/2016	218	1552	12/6/2017	29.0	Bunker Hill II East of Mentone Fault North
3601281	001S002W36F001S	Maguet #1	Redlands, City of	1955	27	1928	12/8/2016	22	1933	12/6/2017	5.0	Bunker Hill II East of Mentone Fault North
3601284	001S002W21E001S	Maguet #2	Redlands, City of	2016.9	52	1964.9	12/8/2016	37	1979.9	12/7/2017	15.0	Bunker Hill II East of Mentone Fault North
3600748	001S003W24A001S	Mentone Acres #1	Redlands, City of	1584	323	1261	12/8/2016	320	1264	12/6/2017	3.0	Bunker Hill II West of Mentone Fault
3600749	001S003W13P001S	Mentone Acres #2	Redlands, City of	1520	246	1274	12/8/2016	257	1263	12/6/2017	-11.0	Bunker Hill II West of Mentone Fault
3601285	001S001W10L001S	Mill Creek #2	Redlands, City of	4140	133	4007	12/9/2016	60	4080	11/3/2017	73.0	
3603045	001S001W09J001S	Mill Creek #2A	Redlands, City of	3950	71	3879	12/9/2016	59	3891	12/6/2017	12.0	
3601288	001S001W11Q001S	Mill Creek #4	Redlands, City of	4575	84	4491	12/9/2016	75	4500	12/6/2017	9.0	
3600756	001S003W19L001S	Mission #1	Redlands, City of	1130	216	914	12/9/2016	235	895	12/6/2017	-19.0	Pressure Zone Santa Ana Wash
3602346	001S003W28J002S	New York Street	Redlands, City of	1310	188	1122	12/7/2016	196	1114	12/6/2017	-8.0	Bunker Hill II West of Mentone Fault
3603766	001S003W10K001S	No.Orange #1	Redlands, City of	1294.5	165	1129.5	12/7/2016	169	1125.5	12/6/2017	-4.0	Bunker Hill II West of Mentone Fault
3603767	001S003W10K002S	No.Orange #2	Redlands, City of	1292	174	1118	12/7/2016	187	1105	12/6/2017	-13.0	Bunker Hill II West of Mentone Fault
3601586	001S003W15F001S	Orange Street	Redlands, City of	1290	189	1101	12/7/2016	181	1109	12/6/2017	8.0	Bunker Hill II West of Mentone Fault
3600918	002S003W01E001S	Redlands Heights	Redlands, City of	1790	172	1618	12/7/2016	181	1609	12/6/2017	-9.0	Bunker Hill II East of Mentone Fault South
3600019	001S003W23A005S	Rees Well	Redlands, City of	1490	311	1179	12/7/2016	297	1193	12/7/2017	14.0	Bunker Hill II West of Mentone Fault
3601585	001N004W35L001S	San Berdo	Redlands, City of	1129.94	373	756.94	12/9/2016	369	760.94	12/7/2017	4.0	Bunker Hill II West of Mentone Fault
3601291	001S003W35G008S	Well #10	Redlands, City of	1565.8	40	1525.8	12/9/2016	41	1524.8	12/7/2017	-1.0	Bunker Hill II East of Mentone Fault South
3601292	001S003W35G007S	Well #11	Redlands, City of	1565.5	40	1525.5	12/9/2016	43	1522.5	12/6/2017	-3.0	Bunker Hill II East of Mentone Fault South
3601293	001S003W35H002S	Well #12	Redlands, City of	1568	39	1529	12/9/2016	40	1528	12/6/2017	-1.0	Bunker Hill II East of Mentone Fault South
3601294	001S003W35G009S	Well #13	Redlands, City of	1577.2	65	1512.2	12/9/2016	64	1513.2	12/6/2017	1.0	Bunker Hill II East of Mentone Fault South
3601295	001S003W35H004S	Well #14	Redlands, City of	1585.3	54	1531.3	12/9/2016	54	1531.3	12/7/2017	0.0	Bunker Hill II East of Mentone Fault South
3601296	001S003W35H003S	Well #16	Redlands, City of	1572.2	37	1535.2	12/9/2016	44	1528.2	11/6/2017	-7.0	Bunker Hill II East of Mentone Fault South
3602031	001S003W21H006S	Well #30A	Redlands, City of	1314.8	232	1082.8	12/7/2016	233	1081.8	12/7/2017	-1.0	Bunker Hill II West of Mentone Fault

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3602036	001S003W21H007S	Well #31A	Redlands, City of	1319	229	1090	12/7/2016	237	1082	12/7/2017	-8.0	Bunker Hill II West of Mentone Fault
3601298	001S003W21H001S	Well #32	Redlands, City of	1318.1	230	1088.1	12/7/2016	234	1084.1	12/7/2017	-4.0	Bunker Hill II West of Mentone Fault
3601299	001S004W24K001S	Well #34	Redlands, City of	1090	225	865	12/7/2016	245	845	12/7/2017	-20.0	Pressure Zone Santa Ana Wash
3602032	001S003W22A002S	Well #35	Redlands, City of	1395	259	1136	12/8/2016	262	1133	12/6/2017	-3.0	Bunker Hill II West of Mentone Fault
3602082	002S003W03K001S	Well #36	Redlands, City of	1675.2	185	1490.2	12/7/2016	198	1477.2	12/6/2017	-13.0	Bunker Hill II East of Mentone Fault South
3602211	001S003W26C001S	Well #37	Redlands, City of	1435	229	1206	12/8/2016	252	1183	12/6/2017	-23.0	Bunker Hill II West of Mentone Fault
3604002	001S003W29Q001S	Well #38	Redlands, City of	1215	145	1070	12/7/2016	151	1064	12/6/2017	-6.0	Bunker Hill II West of Mentone Fault
3603760	001S003W29Q002S	Well #39	Redlands, City of	1225	143	1082	12/7/2016	152	1073	12/6/2017	-9.0	Bunker Hill II West of Mentone Fault
3601301	001S003W28H001S	Well #41	Redlands, City of	1312	188	1124	12/9/2016	207	1105	12/7/2017	-19.0	Bunker Hill II West of Mentone Fault
3603537	001S005W14B001S	Chino #2	Rialto, City of	1137	334	803	12/1/2016	349	788	12/1/2017	-15.0	
3601263	001N005W23Q001S	City 1	Rialto, City of	1430	400	1030	12/1/2016	394	1036	12/1/2017	6.0	Lytle Basin Southeast of Barrier J
3602080	001N005W23Q002S	City 2	Rialto, City of	1430	377	1053	12/1/2016	381	1049	12/1/2017	-4.0	Lytle Basin Southeast of Barrier J
3602848	001N005W36B001S	City 3	Rialto, City of	1300	435	865	12/1/2016	450	850	12/1/2017	-15.0	Lytle Basin Southeast of Barrier J
3603538	001S004W06H003S	City 4	Rialto, City of	1158	316	842	12/1/2016	328	830	12/1/2017	-12.0	Bunker Hill I Southwest of 215 Freeway
3603030	001S004W06B001S	City 5	Rialto, City of	1211	322	889	12/1/2016	326	885	12/1/2017	-4.0	Bunker Hill I Southwest of 215 Freeway
3601929	001S004W06C004S	City 6	Rialto, City of	1211	282	929	12/1/2016	310	901	12/1/2017	-28.0	Bunker Hill I Southwest of 215 Freeway
3602253	001N005W27D001S	Rialto 1 (Cedar)	Rialto, City of	1137	538	599	12/1/2016	557	580	12/1/2017	-19.0	
3601993	001N005W34B001S	Rialto 2 (Highland)	Rialto, City of	1430	482	948	12/1/2016	485	945	12/1/2017	-3.0	
3602558	001N005W34M001S	Rialto 3 (Airport)	Rialto, City of	1417	429	988	12/1/2016	453	964	12/1/2017	-24.0	
3602182	001S004W28K002S	CR #4A	Riverside Highland Water Company	948	85	863	12/1/2016	90	858	12/1/2017	-5.0	
3603514	001S004W22L017S	FW #5	Riverside Highland Water Company	989	124	865	12/1/2016	130	859	12/1/2017	-6.0	Pressure Zone Santa Ana Wash
3601535	001N004W31D002S	LC#1	Riverside Highland Water Company	1264	414	850	12/1/2016			12/1/2017	414.0	Lytle Basin Southeast of Barrier J
3603470	001N004W31E003S	LC#10	Riverside Highland Water Company	1264	415	849	12/1/2016	416	848	12/1/2017	-1.0	Lytle Basin Southeast of Barrier J
3603139	001S004W32M004S	LV #3	Riverside Highland Water Company	924	135	789	11/1/2016			12/1/2017	135.0	
3601531	001S004W33B005S	RN #16	Riverside Highland Water Company	945.45	109	836.45	12/1/2016	117	828.45	12/1/2017	-8.0	
3601532	001S004W28N005S	RN #17	Riverside Highland Water Company	931	124	807	12/1/2016	127	804	12/1/2017	-3.0	
3601534	001S004W28L002S	RN #20	Riverside Highland Water Company	939	119	820	12/1/2016	122	817	12/1/2017	-3.0	
3301655	002S004W08M001S	RN #21	Riverside Highland Water Company	1000	214	786	12/1/2016	216	784	12/1/2017	-2.0	
3301656	002S004W08M002S	RN #22	Riverside Highland Water Company	983	196	787	12/1/2016	199	784	12/1/2017	-3.0	
3603738	002S004W05F003S	RN #6	Riverside Highland Water Company	988	204	784	12/1/2016	210	778	12/1/2017	-6.0	
3601225	001S004W02P002S	Cooley D	Riverside, City of	1044.75	200.97	843.78	10/12/2016	209.25	835.5	10/11/2017	-8.3	Pressure Zone North of Santa Ana Wash
3602208	001S004W28D001S	Mill	Riverside, City of	943.03	88.03	855	10/12/2016	96.13	846.9	10/11/2017	-8.1	
3601234	001S004W27A019S	Stewart 19	Riverside, City of	1017.37	183.71	833.66	10/18/2016	186.99	830.38	10/11/2017	-3.3	Bunker Hill II West of Mentone Fault
3601431	001S004W27H001S	Stewart 20	Riverside, City of	1020.37	182.55	837.82	11/17/2016	195.51	824.86	11/15/2017	-13.0	Bunker Hill II West of Mentone Fault
3601471	001S004W22G014S	Thorne 3	Riverside, City of	998.35	124.4	873.95	12/28/2016	134.38	863.97	12/21/2017	-10.0	Pressure Zone Santa Ana Wash
3601477	001S004W22B001S	Thorne 9	Riverside, City of	1004.5	136.94	867.56	10/12/2016	143.93	860.57	10/11/2017	-7.0	Pressure Zone Santa Ana Wash
3600787	001S004W23A002S	26-1	Riverside, City Of-Gage Canal	1045.33	190	855.33	11/13/2016	204	841.33	11/5/2017	-14.0	Pressure Zone Santa Ana Wash
3600788	001S004W23H001S	27-1	Riverside, City Of-Gage Canal	1044.64	181	863.64	9/18/2016	193	851.64	11/5/2017	-12.0	Pressure Zone Santa Ana Wash
3600789	001S004W23K001S	27-2	Riverside, City Of-Gage Canal	1044.64	170	874.64	12/11/2016			11/5/2017	170.0	Pressure Zone Santa Ana Wash
3600790	001S004W23K002S	29-1	Riverside, City Of-Gage Canal	1044.43	176	868.43	12/12/2016	182	862.43	10/1/2017	-6.0	Pressure Zone Santa Ana Wash
3600791	001S004W13N001S	29-2	Riverside, City Of-Gage Canal	1046.31	199	847.31	12/11/2016	182	864.31	11/5/2017	17.0	Pressure Zone Santa Ana Wash
3600792	001S004W13N002S	29-3	Riverside, City Of-Gage Canal	1048.75	223	825.75	10/16/2016	234	814.75	11/5/2017	-11.0	Pressure Zone Santa Ana Wash
3600794	001S004W13F002S	31-1	Riverside, City Of-Gage Canal	1054.64	216	838.64	12/11/2016	234	820.64	12/4/2017	-18.0	Pressure Zone Santa Ana Wash
3603921	001S004W13G004S	46-1R	Riverside, City Of-Gage Canal	1065	234	831	12/11/2016	237	828	11/5/2017	-3.0	Pressure Zone Santa Ana Wash
3600796	001S004W23A005S	51-1	Riverside, City Of-Gage Canal	1044.64	199	845.64	12/11/2016	214	830.64	11/5/2017	-15.0	Pressure Zone Santa Ana Wash
3600797	001S004W13G003S	56-1	Riverside, City Of-Gage Canal	1065.5	253	812.5	12/11/2016	273	792.5	11/5/2017	-20.0	Pressure Zone Santa Ana Wash
3602331	001S004W23G003S	66-1	Riverside, City Of-Gage Canal	1044.85	225	819.85	12/11/2016	245	799.85	10/1/2017	-20.0	Pressure Zone Santa Ana Wash
3603558	001S004W13N007S	92-1	Riverside, City Of-Gage Canal	1047.78	240	807.78	12/11/2016	255	792.78	11/5/2017	-15.0	Pressure Zone Santa Ana Wash
3603557	001S004W13L007S	92-2	Riverside, City Of-Gage Canal	1053.38	264	789.38	12/11/2016	283	770.38	11/5/2017	-19.0	Pressure Zone Santa Ana Wash
3603556	001S004W13L008S	92-3	Riverside, City Of-Gage Canal	1058.78	237	821.78	12/12/2016	247	811.78	11/5/2017	-10.0	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	2016			2017			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		
3603728	001S004W23A006S	98-1	Riverside, City Of-Gage Canal	1046.7	267	779.7	11/13/2016	282	764.7	11/5/2017	-15.0	Pressure Zone Santa Ana Wash
256301	001S004W23Q	Lower Kelly	Riverside, City Of-Gage Canal	1040.76	221	819.76	12/12/2016	227	813.76	12/4/2017	-6.0	Pressure Zone Santa Ana Wash
	001S004W23A001S	Santa Fe	Riverside, City Of-Gage Canal	1044.65	203	841.65	12/12/2016	251	793.65	12/4/2017	-48.0	Pressure Zone Santa Ana Wash
3603920	001S004W13L007S	Tippecanoe Well	Riverside, City Of-Gage Canal	1046.7	203.5	843.2	11/18/2016	187	859.7	12/27/2017	16.5	Pressure Zone Santa Ana Wash
	001S004W23K003S	Upper Kelly	Riverside, City Of-Gage Canal	1044.3	215	829.3	12/12/2016	259	785.3	12/4/2017	-44.0	Pressure Zone Santa Ana Wash
228701	001S002W17L001S	Mill Ck Monitoring #1	San Bernardino Valley Water Cons. Dist.	1800	159.1	1640.9	12/1/2016	142.26	1657.74	12/14/2017	16.8	Bunker Hill II East of Mentone Fault North
241801	001S002W17L002S	Mill Ck Monitoring #2	San Bernardino Valley Water Cons. Dist.	1800	184.77	1615.23	12/1/2016	171.38	1628.62	12/14/2017	13.4	Bunker Hill II East of Mentone Fault North
228901	001S002W17E001S	Mill Ck Monitoring #4	San Bernardino Valley Water Cons. Dist.	1760	196.9	1563.1	12/20/2016	160	1600	12/14/2017	36.9	Bunker Hill II East of Mentone Fault North
453201	001S002W17E002S	Mill Ck Monitoring #5	San Bernardino Valley Water Cons. Dist.	1760	273.71	1486.29	12/1/2016	196.76	1563.24	12/14/2017	77.0	Bunker Hill II East of Mentone Fault North
459301	001S003W07C	SAR #1	San Bernardino Valley Water Cons. Dist.	1624	183.09	1440.91	12/1/2016	160.05	1463.95	12/14/2017	23.0	Bunker Hill II East of Mentone Fault North
459401	001S003W12N	SAR #2	San Bernardino Valley Water Cons. Dist.	1442	275.77	1166.23	12/1/2016	186.62	1255.38	12/14/2017	89.2	Bunker Hill II West of Mentone Fault
229101	001S002W07B001S	SBVWCD #1	San Bernardino Valley Water Cons. Dist.	1650.5			12/1/2016	174.4	1476.1	12/14/2017	-174.4	Bunker Hill II East of Mentone Fault North
229001	001S002W07K001S	SBVWCD #2	San Bernardino Valley Water Cons. Dist.	1646.4	153.26	1493.14	12/1/2016	142.44	1503.96	12/14/2017	10.8	Bunker Hill II East of Mentone Fault North
228601	001S003W12J001S	SBVWCD #3	San Bernardino Valley Water Cons. Dist.	1541.7	123.35	1418.35	12/1/2016	109.9	1431.8	12/14/2017	13.5	Bunker Hill II West of Mentone Fault
228801	001S003W11H001S	SBVWCD #4	San Bernardino Valley Water Cons. Dist.	1411.2			12/1/2016	154.33	1256.87	12/14/2017	-154.3	Bunker Hill II West of Mentone Fault
3603207	001S004W04B004S	10th & "J" Street	San Bernardino, City of	1112.81	261	851.81	12/19/2016	280	832.81	12/18/2017	-19.0	Pressure Zone North of Santa Ana Wash
3600726	001N004W34G003S	16th & Sierra Way	San Bernardino, City of	1135.26	275.3	859.96	12/19/2016	290.15	845.11	12/18/2017	-14.9	Pressure Zone North of Santa Ana Wash
3600717	001N004W32D003S	19th Street No. 1	San Bernardino, City of	1231.18	352.5	878.68	12/19/2016	361.74	869.44	12/18/2017	-9.2	Bunker Hill I Southwest of 215 Freeway
3600718	001N004W32D004S	19th Street No. 2	San Bernardino, City of	1236.11	351.72	884.39	1/10/2017	366.1	870.01	10/16/2017	-14.4	Bunker Hill I Southwest of 215 Freeway
3600721	001N004W27M001S	25th & North E Street Well	San Bernardino, City of	1192.1	313.4	878.7	12/19/2016	319.61	872.49	12/18/2017	-6.2	Bunker Hill II West of Mentone Fault
3600720	001N004W27M002S	27th & Acacia	San Bernardino, City of	1183.86	304.8	879.06	12/19/2016	308.8	875.06	12/18/2017	-4.0	Bunker Hill II West of Mentone Fault
3600719	001N004W27G001S	30th Street	San Bernardino, City of	1226.77	331.2	895.57	12/19/2016	341.2	885.57	12/18/2017	-10.0	Bunker Hill II West of Mentone Fault
3602081	001N004W27B001S	31st & Mtn. View	San Bernardino, City of	1232.31	346.1	886.21	12/19/2016	346.9	885.41	12/1/2017	-0.8	Bunker Hill II West of Mentone Fault
3603472	001N004W14P001S	40th & Valencia	San Bernardino, City of	1354.97	250.5	1104.47	12/19/2016	243.4	1111.57	11/20/2017	7.1	Bunker Hill II West of Mentone Fault
3602265	001S004W03J005S	7th Street Well	San Bernardino, City of	1056.48	201.4	855.08	12/19/2016	217.33	839.15	12/18/2017	-15.9	Pressure Zone North of Santa Ana Wash
9900043	001S004W22J	Airport & Commerce center	San Bernardino, City of	1003	26	977	12/20/2016	26.5	976.5	12/20/2017	-0.5	Pressure Zone Santa Ana Wash
	001S004W15R003S	Anderson	San Bernardino, City of	1013	141.8	871.2	12/20/2016	150.8	862.2	12/20/2017	-9.0	Pressure Zone Santa Ana Wash
3602422	001S004W02K008S	Antil Well No. 6	San Bernardino, City of	1052.51	193	859.51	12/19/2016	188.7	863.81	12/18/2017	4.3	Pressure Zone North of Santa Ana Wash
3602400	001N004W32N001S	Baseline & California	San Bernardino, City of	1184.91	348.84	836.07	12/19/2016	364.7	820.21	12/18/2017	-15.9	Bunker Hill I Southwest of 215 Freeway
3601844	001N005W03H002S	Cajon 2	San Bernardino, City of	1887.12	316	1571.12	12/19/2016	253	1634.12	12/18/2017	63.0	Bunker Hill I Southwest of 215 Freeway
3602821	001N005W03A002S	Cajon 3	San Bernardino, City of	1894.9	336	1558.9	12/19/2016	260	1634.9	12/18/2017	76.0	Bunker Hill I Southwest of 215 Freeway
3603792	001N005W03AS	Cajon 4	San Bernardino, City of	1923	333.8	1589.2	11/21/2016	255.33	1667.67	12/18/2017	78.5	Bunker Hill I Southwest of 215 Freeway
3600710	002N005W19K002S	Cajon Canyon Well	San Bernardino, City of	2328	100.32	2227.68	12/19/2016			12/18/2017	100.3	Bunker Hill I Northeast of 215 Freeway
107801	001S004W22C005S	Century Well	San Bernardino, City of	989.01				136.33	852.68	11/21/2017	-136.3	Pressure Zone Santa Ana Wash
3603582	001S004W15P005S	Chandler Well	San Bernardino, City of	989.28				144.7	844.58	11/21/2017	-144.7	Pressure Zone Santa Ana Wash
3600712	001N004W08M001S	Devil Canyon #1	San Bernardino, City of	1528.89	157.8	1371.09	12/19/2016	167.62	1361.27	12/18/2017	-9.8	Bunker Hill I Northeast of 215 Freeway
3600711	001N004W07F001S	Devil Canyon #2	San Bernardino, City of	1621.96	148.45	1473.51	1/10/2017	150.16	1471.8	12/18/2017	-1.7	Bunker Hill I Northeast of 215 Freeway
3602206	001N004W06H002S	Devil Canyon #3	San Bernardino, City of	1888.46	27.76	1860.7	12/19/2016	22.7	1865.76	12/18/2017	5.1	Bunker Hill I Northeast of 215 Freeway
3602205	001N004W06H001S	Devil Canyon #4	San Bernardino, City of	1903.69	41.9	1861.79	11/21/2016	33.33	1870.36	12/18/2017	8.6	Bunker Hill I Northeast of 215 Freeway
3602844	001N004W08M002S	Devil Canyon #5	San Bernardino, City of	1561.65	141.03	1420.62	12/19/2016	154.94	1406.71	12/20/2017	-13.9	Bunker Hill I Northeast of 215 Freeway
3603580	001N004W06A001S	Devil Canyon #6	San Bernardino, City of	2039.33	20	2019.33	11/21/2016	19.02	2020.31	12/20/2017	1.0	Bunker Hill I Northeast of 215 Freeway
3603579	001N004W06A002S	Devil Canyon #7	San Bernardino, City of	2041.89			12/19/2016	23.7	2018.19	12/20/2017	-23.7	Bunker Hill I Northeast of 215 Freeway
		DTSC 001B	San Bernardino, City of	1310.86	214.34	1096.52	12/19/2016	198.89	1111.97	12/18/2017	15.5	Bunker Hill II West of Mentone Fault
		DTSC 001C	San Bernardino, City of	1310.01	219.91	1090.1	12/19/2016	200.78	1109.23	12/18/2017	19.1	Bunker Hill II West of Mentone Fault
		DTSC 002B	San Bernardino, City of	1307.41	216.73	1090.68	12/19/2016	201.61	1105.8	12/18/2017	15.1	Bunker Hill II West of Mentone Fault
		DTSC 002C	San Bernardino, City of	1307.29	228.86	1078.43	12/19/2016	212.31	1094.98	12/18/2017	16.6	Bunker Hill II West of Mentone Fault
		DTSC 003C	San Bernardino, City of	1288.14	260.52	1027.62	12/19/2016	245.8	1042.34	12/18/2017	14.7	Bunker Hill II West of Mentone Fault
3602712	001N004W08P001S	Ellena Bros. Well 2	San Bernardino, City of	1476.66	169.6	1307.06	12/19/2016	159.92	1316.74	12/20/2017	9.7	Bunker Hill I Northeast of 215 Freeway
3603688	001S004W03D004S	EPA EXTRAC WELL 001	San Bernardino, City of	1093.9	226.2	867.7	12/19/2016			12/18/2017	226.2	Pressure Zone North of Santa Ana Wash
3603689	001S004W03C003S	EPA EXTRAC WELL 002	San Bernardino, City of	1091.7	241.6	850.1	10/18/2016	257.7	834	12/18/2017	-16.1	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	2016			2017			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		
3603690	001S004W03C004S	EPA EXTRAC WELL 003	San Bernardino, City of	1095.37	271.8	823.57	10/18/2016	272.1	823.27	12/18/2017	-0.3	Pressure Zone North of Santa Ana Wash
3603691	001S004W03B003S	EPA EXTRAC WELL 004	San Bernardino, City of	1086.3	216.2	870.1	12/20/2016			12/18/2017	216.2	Pressure Zone North of Santa Ana Wash
3603692	001S004W03A004S	EPA EXTRAC WELL 005	San Bernardino, City of	1083.3	213.2	870.1	12/20/2016	234	849.3	12/18/2017	-20.8	Pressure Zone North of Santa Ana Wash
3603693	001N004W16M003S	EPA EXTRAC WELL 006	San Bernardino, City of	1396.55	212.5	1184.05	12/20/2016	198.2	1198.35	12/18/2017	14.3	Bunker Hill II West of Mentone Fault
3603694	001N004W16M004S	EPA EXTRAC WELL 007	San Bernardino, City of	1404.54	210.8	1193.74	12/20/2016	192	1212.54	12/18/2017	18.8	Bunker Hill II West of Mentone Fault
3603786	001N004W33QS	EPA EXTRAC WELL 108	San Bernardino, City of	1119.26	242.2	877.06	1/10/2017	263	856.26	12/18/2017	-20.8	Pressure Zone North of Santa Ana Wash
3603786	001N004W33R003S	EPA EXTRAC WELL 108-S	San Bernardino, City of	1119.26	231.9	887.36	12/20/2016			12/18/2017	231.9	Pressure Zone North of Santa Ana Wash
3603787	001N004W33PS	EPA EXTRAC WELL 109	San Bernardino, City of	1137.04	403.48	733.56	12/20/2016	413.68	723.36	12/18/2017	-10.2	Pressure Zone North of Santa Ana Wash
3603788	001N004W33NS	EPA EXTRAC WELL 110	San Bernardino, City of	1149.3	456.16	693.14	12/20/2016	495.17	654.13	12/18/2017	-39.0	Pressure Zone North of Santa Ana Wash
3603789	001N004W32RS	EPA EXTRAC WELL 111	San Bernardino, City of	1169.5	349	820.5	12/20/2016	366.16	803.34	12/18/2017	-17.2	Pressure Zone North of Santa Ana Wash
363790	001N004W32PS	EPA EXTRAC WELL 112	San Bernardino, City of	1181.79	308.2	873.59	1/10/2017	327.67	854.12	11/21/2017	-19.5	Bunker Hill I Southwest of 215 Freeway
3600729	001N004W35M003S	Gilbert Street Well	San Bernardino, City of	1122.83	281	841.83	12/20/2016	308.9	813.93	12/18/2017	-27.9	Pressure Zone North of Santa Ana Wash
3600723	001S004W10F001S	Handford 1	San Bernardino, City of	1029.7	137.73	891.97	12/20/2016	142.03	887.67	12/20/2017	-4.3	Pressure Zone Santa Ana Wash
3601316	001S004W23N	Inter City Mutual 08	San Bernardino, City of	1028	153.7	874.3	12/19/2016	161.19	866.81	12/18/2017	-7.5	Pressure Zone Santa Ana Wash
3603649	001S003W07A006S	Ivda Well 11	San Bernardino, City of	1137	236.8	900.2	12/19/2016	244.85	892.15	12/18/2017	-8.0	Pressure Zone North of Santa Ana Wash
3603471	002N005W19R001S	Kenwood 1	San Bernardino, City of	2337.61	236.74	2100.87	12/19/2016	153.7	2183.91	12/18/2017	83.0	Bunker Hill I Northeast of 215 Freeway
3603791	002N005W19R005S	Kenwood 2	San Bernardino, City of	2289	222.5	2066.5	12/19/2016	181.43	2107.57	12/18/2017	41.1	Bunker Hill I Northeast of 215 Freeway
3602401	001N004W27A002S	Leroy Street Well	San Bernardino, City of	1238.67	341.4	897.27	12/19/2016	338.29	900.38	12/18/2017	3.1	Bunker Hill II West of Mentone Fault
3600727	001N004W26E002S	Lynwood Well	San Bernardino, City of	1236.32	331	905.32	12/19/2016	322	914.32	12/18/2017	9.0	Bunker Hill II West of Mentone Fault
3601845	001N004W30M001S	Mallory 3 Well	San Bernardino, City of	1319.75	389	930.75	12/19/2016	396	923.75	12/18/2017	-7.0	Lytle Basin Southeast of Barrier J
111701	001N004W35L001S	Meecham	San Bernardino, City of	1130.34	263.24	867.1	11/23/2016	278.4	851.94	11/21/2017	-15.2	Pressure Zone North of Santa Ana Wash
3600737	001S004W10N006S	Mill & D	San Bernardino, City of	1000.41	168.4	832.01	12/19/2016	164.9	835.51	12/18/2017	3.5	Pressure Zone Santa Ana Wash
3600319	001N004W31A001S	Mt. Vernon	San Bernardino, City of	1259	379	880	12/19/2016	389.1	869.9	12/18/2017	-10.1	Bunker Hill I Southwest of 215 Freeway
		Muscoy Mutual 5	San Bernardino, City of	1485.26	389	1096.26	12/19/2016	403	1082.26	12/18/2017	-14.0	Lytle Basin Southeast of Barrier J
		MW-04A	San Bernardino, City of	1411.28	205.28	1206	12/19/2016	185.03	1226.25	12/18/2017	20.3	Bunker Hill II West of Mentone Fault
		MW-04B	San Bernardino, City of	1411.34	205.92	1205.42	12/19/2016	185.6	1225.74	12/18/2017	20.3	Bunker Hill II West of Mentone Fault
		MW-06A	San Bernardino, City of	1435.88	207.72	1228.16	12/19/2016	186.32	1249.56	12/18/2017	21.4	Bunker Hill II West of Mentone Fault
		MW-06B	San Bernardino, City of	1435.88	208.94	1226.94	12/19/2016	187.02	1248.86	12/18/2017	21.9	Bunker Hill II West of Mentone Fault
		MW-07A	San Bernardino, City of	1436.56	210.23	1226.33	12/19/2016	192.74	1243.82	12/18/2017	17.5	Bunker Hill II West of Mentone Fault
		MW-07B	San Bernardino, City of	1436.55	209.3	1227.25	12/19/2016	192.07	1244.48	12/18/2017	17.2	Bunker Hill II West of Mentone Fault
		MW-08A	San Bernardino, City of	1475.07	229.48	1245.59	12/19/2016	220.52	1254.55	12/18/2017	9.0	Bunker Hill I Southwest of 215 Freeway
		MW-08B	San Bernardino, City of	1475.07	236.2	1238.87	12/19/2016	223.63	1251.44	12/18/2017	12.6	Bunker Hill I Southwest of 215 Freeway
		MW-09A	San Bernardino, City of	1378.69	188.1	1190.59	12/19/2016	171.1	1207.59	12/18/2017	17.0	Bunker Hill II West of Mentone Fault
		MW-09B	San Bernardino, City of	1378.66	185.14	1193.52	12/19/2016	167.07	1211.59	12/18/2017	18.1	Bunker Hill II West of Mentone Fault
	001N004W34L001E	MW-10A	San Bernardino, City of	1127.77	246.38	881.39	12/19/2016	252.6	875.17	12/18/2017	-6.2	Pressure Zone North of Santa Ana Wash
	001N004W34L001E	MW-10B	San Bernardino, City of	1127.83	252.1	875.73	12/19/2016	268.85	858.98	12/18/2017	-16.8	Pressure Zone North of Santa Ana Wash
	001N004W34Q001	MW-11A	San Bernardino, City of	1100.97	227.6	873.37	12/19/2016	248.2	852.77	12/18/2017	-20.6	Pressure Zone North of Santa Ana Wash
	001N004W34Q001	MW-11B	San Bernardino, City of	1100.95	227.65	873.3	12/19/2016	248.82	852.13	12/18/2017	-21.2	Pressure Zone North of Santa Ana Wash
	001N004W34Q001	MW-11C	San Bernardino, City of	1100.93	227.8	873.13	12/19/2016	249.6	851.33	12/18/2017	-21.8	Pressure Zone North of Santa Ana Wash
	001N005W13H001	MW-127A	San Bernardino, City of	1545.9	282.5	1263.4	12/19/2016	279.6	1266.3	12/18/2017	2.9	Bunker Hill I Southwest of 215 Freeway
		MW-127B	San Bernardino, City of	1545.9	282.8	1263.1	12/19/2016	279.74	1266.16	12/18/2017	3.1	Bunker Hill I Southwest of 215 Freeway
		MW-128A	San Bernardino, City of	1215.45	317.75	897.7	12/20/2016	327	888.45	12/19/2017	-9.3	Bunker Hill I Southwest of 215 Freeway
		MW-128B	San Bernardino, City of	1215.46	331.05	884.41	12/20/2016	338.8	876.66	12/19/2017	-7.8	Bunker Hill I Southwest of 215 Freeway
		MW-128C	San Bernardino, City of	1215.48	340.6	874.88	12/20/2016	348.1	867.38	12/19/2017	-7.5	Bunker Hill I Southwest of 215 Freeway
		MW-129A	San Bernardino, City of	1199.9	324.45	875.45	12/20/2016	333.81	866.09	12/19/2017	-9.4	Bunker Hill I Southwest of 215 Freeway
		MW-129B	San Bernardino, City of	1199.45	324.75	874.7	12/20/2016	334.91	864.54	12/19/2017	-10.2	Bunker Hill I Southwest of 215 Freeway
		MW-129C	San Bernardino, City of	1199.45	328.1	871.35	12/20/2016	336.47	862.98	12/19/2017	-8.4	Bunker Hill I Southwest of 215 Freeway
		MW-12A	San Bernardino, City of	1089.57	201.1	888.47	12/19/2016	208	881.57	12/18/2017	-6.9	Pressure Zone North of Santa Ana Wash
		MW-12B	San Bernardino, City of	1089.49	221.8	867.69	12/19/2016	238.44	851.05	12/18/2017	-16.6	Pressure Zone North of Santa Ana Wash
		MW-130A	San Bernardino, City of	1176.09	279.65	896.44	12/20/2016	287.72	888.37	12/19/2017	-8.1	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	2016			2017			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		
		MW-130B	San Bernardino, City of	1175.41	297	878.41	12/20/2016	305.13	870.28	12/19/2017	-8.1	Pressure Zone North of Santa Ana Wash
		MW-130C	San Bernardino, City of	1175.4	305.28	870.12	12/20/2016	314.32	861.08	12/19/2017	-9.0	Pressure Zone North of Santa Ana Wash
		MW-135A	San Bernardino, City of	1112.15	227.5	884.65	12/20/2016	238.31	873.84	12/19/2017	-10.8	Pressure Zone North of Santa Ana Wash
		MW-135B	San Bernardino, City of	1112.16	246.76	865.4	12/20/2016	252.7	859.46	12/19/2017	-5.9	Pressure Zone North of Santa Ana Wash
		MW-135C	San Bernardino, City of	1112.16	241.7	870.46	12/29/2016	257.74	854.42	12/19/2017	-16.0	Pressure Zone North of Santa Ana Wash
		MW-136A	San Bernardino, City of	1122.58	249.84	872.74	12/20/2016	257.37	865.21	12/19/2017	-7.5	Pressure Zone North of Santa Ana Wash
		MW-136B	San Bernardino, City of	1122.58	253.13	869.45	12/20/2016	262.5	860.08	12/19/2017	-9.4	Pressure Zone North of Santa Ana Wash
		MW-136C	San Bernardino, City of	1122.52	256.5	866.02	12/20/2016	264.8	857.72	12/19/2017	-8.3	Pressure Zone North of Santa Ana Wash
		MW-137A	San Bernardino, City of	1144.99	283.1	861.89	12/20/2016	292.86	852.13	12/19/2017	-9.8	Pressure Zone North of Santa Ana Wash
		MW-137B	San Bernardino, City of	1145.01	279.68	865.33	12/20/2016	288.88	856.13	12/19/2017	-9.2	Pressure Zone North of Santa Ana Wash
		MW-138A	San Bernardino, City of	1157.9	285.76	872.14	12/20/2016	293.92	863.98	12/19/2017	-8.2	Pressure Zone North of Santa Ana Wash
		MW-138B	San Bernardino, City of	1157.97	292.24	865.73	12/20/2016	300.5	857.47	12/19/2017	-8.3	Pressure Zone North of Santa Ana Wash
		MW-138C	San Bernardino, City of	1157.92	289.3	868.62	12/20/2016	299.1	858.82	12/19/2017	-9.8	Pressure Zone North of Santa Ana Wash
		MW-139A	San Bernardino, City of	1169.67	308.8	860.87	12/20/2016	321.88	847.79	12/20/2017	-13.1	Bunker Hill I Southwest of 215 Freeway
		MW-13A	San Bernardino, City of	1079.57	203.9	875.67	12/19/2016	210.3	869.27	12/18/2017	-6.4	Pressure Zone North of Santa Ana Wash
		MW-13B	San Bernardino, City of	1079.57	210.15	869.42	12/20/2016	233.77	845.8	12/18/2017	-23.6	Pressure Zone North of Santa Ana Wash
		MW-13C	San Bernardino, City of	1079.54	208.83	870.71	12/20/2016	230.67	848.87	12/18/2017	-21.8	Pressure Zone North of Santa Ana Wash
		MW-140A	San Bernardino, City of	1304.39	409.43	894.96	12/20/2016	420.6	883.79	12/19/2017	-11.2	Bunker Hill I Southwest of 215 Freeway
		MW-140B	San Bernardino, City of	1304.38	409.5	894.88	12/20/2016	420.63	883.75	12/19/2017	-11.1	Bunker Hill I Southwest of 215 Freeway
		MW-141A	San Bernardino, City of	1122.78	236.9	885.88	12/20/2016	243.63	879.15	12/19/2017	-6.7	Pressure Zone North of Santa Ana Wash
		MW-14A	San Bernardino, City of	1076.76	190.51	886.25	12/20/2016	195.5	881.26	12/18/2017	-5.0	Pressure Zone North of Santa Ana Wash
		MW-14B	San Bernardino, City of	1076.75	218.03	858.72	11/21/2016	229.4	847.35	12/18/2017	-11.4	Pressure Zone North of Santa Ana Wash
		MW-15A	San Bernardino, City of	1070.21	200.3	869.91	12/19/2016	220.42	849.79	12/18/2017	-20.1	Pressure Zone North of Santa Ana Wash
		MW-15B	San Bernardino, City of	1070.15	200.21	869.94	12/19/2016	220.5	849.65	12/18/2017	-20.3	Pressure Zone North of Santa Ana Wash
		MW-16A	San Bernardino, City of	1385.19	195.2	1189.99	12/19/2016	177.35	1207.84	12/18/2017	17.9	Bunker Hill II West of Mentone Fault
		MW-16B	San Bernardino, City of	1385.19	191.8	1193.39	12/19/2016	172.8	1212.39	12/18/2017	19.0	Bunker Hill II West of Mentone Fault
		MW-17A	San Bernardino, City of	1393.52	196.4	1197.12	12/19/2016	176.53	1216.99	12/18/2017	19.9	Bunker Hill II West of Mentone Fault
		MW-17B	San Bernardino, City of	1393.54	196.5	1197.04	12/19/2016	176.7	1216.84	12/18/2017	19.8	Bunker Hill II West of Mentone Fault
		MWDC6	San Bernardino, City of	0	22.21	-22.21	12/19/2016	18.2	-18.2	12/20/2017	4.0	Bunker Hill I Northeast of 215 Freeway
		MWDC7	San Bernardino, City of	0	16.3	-16.3	12/19/2016	15.16	-15.16	12/20/2017	1.1	Bunker Hill I Northeast of 215 Freeway
		MW-MIA 001A	San Bernardino, City of	1549.41	268.6	1280.81	12/19/2016	271.5	1277.91	12/18/2017	-2.9	Bunker Hill I Southwest of 215 Freeway
		MW-MIA 001C	San Bernardino, City of	1549.41	299.95	1249.46	12/19/2016	302.39	1247.02	12/18/2017	-2.4	Bunker Hill I Southwest of 215 Freeway
		MW-MIA 002A	San Bernardino, City of	1479.3	180.58	1298.72	12/19/2016	180.9	1298.4	12/18/2017	-0.3	Bunker Hill I Southwest of 215 Freeway
		MW-MIA 002B	San Bernardino, City of	1478.94	226.8	1252.14	12/19/2016	220.65	1258.29	12/18/2017	6.2	Bunker Hill I Southwest of 215 Freeway
		MW-MIA 003A	San Bernardino, City of	1435.39	162.6	1272.79	12/19/2016	159.5	1275.89	12/18/2017	3.1	Bunker Hill I Southwest of 215 Freeway
		MW-MIA 003B	San Bernardino, City of	1435.39	149.19	1286.2	12/19/2016	147.44	1287.95	12/18/2017	1.8	Bunker Hill I Southwest of 215 Freeway
		MW-MIA 004	San Bernardino, City of	1428.44	126.16	1302.28	12/19/2016	126.7	1301.74	12/18/2017	-0.5	Bunker Hill I Southwest of 215 Freeway
3600714	001N004W16E001S	Newmark #1	San Bernardino, City of	1412.7	211	1201.7	12/19/2016	188.03	1224.67	12/18/2017	23.0	Bunker Hill II West of Mentone Fault
3600715	001N004W16E002S	Newmark #2	San Bernardino, City of	1404.81	204.57	1200.24	12/19/2016	183.92	1220.89	12/18/2017	20.7	Bunker Hill II West of Mentone Fault
3600716	001N004W16E003S	Newmark #3	San Bernardino, City of	1406.4	212.3	1194.1	12/20/2016	192.3	1214.1	12/18/2017	20.0	Bunker Hill II West of Mentone Fault
3602399	001N004W16E004S	Newmark #4	San Bernardino, City of	1413.34	199.67	1213.67	1/10/2017	184.85	1228.49	12/18/2017	14.8	Bunker Hill II West of Mentone Fault
3603206	001S004W04D002S	Olive & Garner	San Bernardino, City of	1130.55	266.65	863.9	12/19/2016	279	851.55	12/18/2017	-12.4	Pressure Zone North of Santa Ana Wash
3601117	001N004W35C003S	Perris Hill #4	San Bernardino, City of	1169.59	289.9	879.69	12/19/2016	287.9	881.69	12/18/2017	2.0	Pressure Zone North of Santa Ana Wash
3601115	001N004W26P003S	Perris Hill #5	San Bernardino, City of	1174.59	289.5	885.09	12/19/2016	291.75	882.84	12/18/2017	-2.3	Bunker Hill II West of Mentone Fault
	001N004W18D002E	PZ-125	San Bernardino, City of	1564.67	178.91	1385.76	12/19/2016	178.25	1386.42	12/18/2017	0.7	Bunker Hill I Southwest of 215 Freeway
3602426	002N005W19Q001	Vincent Well	San Bernardino, City of	2315.42	114.65	2200.77	12/19/2016	89.13	2226.29	12/18/2017	25.5	Bunker Hill I Northeast of 215 Freeway
3600728	001N004W27A001S	Waterman Well	San Bernardino, City of	1244.4	358.1	886.3	12/19/2016	342	902.4	12/18/2017	16.1	Bunker Hill II West of Mentone Fault
3601015	001S003W18N002S	Deep Well Pump 1	Southern California Edison	1107	227.52	879.48	12/1/2016	246	861	12/1/2017	-18.5	Pressure Zone Santa Ana Wash
3601014	001S003W18N003S	Deep Well Pump 2	Southern California Edison	1100.77	228.6	872.17	12/1/2016	247	853.77	12/1/2017	-18.4	Pressure Zone Santa Ana Wash
3603795	001S003W18N006S	Mid Aquifer Pump A	Southern California Edison	1086.563	210.1	876.463	12/1/2016	226	860.563	12/1/2017	-15.9	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	2016			2017			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		
3603796	001S003W18N001S	MidAquifer Pump B	Southern California Edison	1108.26	213.7	894.56	12/1/2016	223	885.26	12/1/2017	-9.3	Pressure Zone Santa Ana Wash
9900095	001S004W03Q001S	5th/Sierra Way	U.S. Geological Survey/SBVMWD	1041.8	148.37	893.43	10/26/2016	152.92	888.88	10/3/2017	-4.5	Pressure Zone North of Santa Ana Wash
9900072	001N005W28J002S	Bohnert/Vineyard	U.S. Geological Survey/SBVMWD	1512	430.63	1081.37	10/27/2016	422.33	1089.67	10/3/2017	8.3	
	001S004W10K001S	Burbank Elementary	U.S. Geological Survey/SBVMWD	1004.92	108.34	896.58	10/5/2016	114.42	890.5	10/4/2017	-6.1	Pressure Zone Santa Ana Wash
	001S003W15K003S	Church St.(Riverview)	U.S. Geological Survey/SBVMWD	1368.85	249.14	1119.71	10/4/2016	238.09	1130.76	10/4/2017	11.1	Bunker Hill II West of Mentone Fault
9900138	001S003W15K001S	Church St.(Riverview)	U.S. Geological Survey/SBVMWD	1368.85	248.98	1119.87	10/4/2016	236.66	1132.19	10/4/2017	12.3	Bunker Hill II West of Mentone Fault
	001S003W15K002S	Church St.(Riverview)	U.S. Geological Survey/SBVMWD	1368.85	249.07	1119.78	10/4/2016	237.29	1131.56	10/4/2017	11.8	Bunker Hill II West of Mentone Fault
	001S003W15K004S	Church St.(Riverview)	U.S. Geological Survey/SBVMWD	1368.85	249.15	1119.7	10/4/2016	238.26	1130.59	10/4/2017	10.9	Bunker Hill II West of Mentone Fault
9900069	001N005W27D002S	City of Rialto Tanks	U.S. Geological Survey/SBVMWD	1543	433.98	1109.02	10/27/2016	468.68	1074.32	10/3/2017	-34.7	
	001S004W20H003S	Colton Plunge Park	U.S. Geological Survey/SBVMWD	992.96	134.18	858.78	10/3/2016	136.39	856.57	12/4/2017	-2.2	
	001S004W20H001S	Colton Plunge Park	U.S. Geological Survey/SBVMWD	992.96	132.7	860.26	10/3/2016	136.35	856.61	12/4/2017	-3.7	
	001S004W20H002S	Colton Plunge Park	U.S. Geological Survey/SBVMWD	992.96	138.34	854.62	10/3/2016	141.29	851.67	12/4/2017	-2.9	
	001S004W20H004S	Colton Plunge Park	U.S. Geological Survey/SBVMWD	992.96	133.21	859.75	10/3/2016	135	857.96	12/4/2017	-1.8	
9900110	001S004W20H005S	Colton Plunge Park	U.S. Geological Survey/SBVMWD	992.96	133.09	859.87	10/3/2016	134.89	858.07	12/4/2017	-1.8	
	001S004W22J003S	Commerce Center	U.S. Geological Survey/SBVMWD	998.89	141.17	857.72	10/5/2016	143.69	855.2	12/11/2017	-2.5	Pressure Zone Santa Ana Wash
	001S004W22J001S	Commerce Center	U.S. Geological Survey/SBVMWD	998.89	149.76	849.13	10/5/2016	152.35	846.54	12/11/2017	-2.6	Pressure Zone Santa Ana Wash
	001S004W22J002S	Commerce Center	U.S. Geological Survey/SBVMWD	998.89	163.09	835.8	10/5/2016	162.94	835.95	12/11/2017	0.2	Pressure Zone Santa Ana Wash
	001S002W07Q003S	Cone Camp	U.S. Geological Survey/SBVMWD	1638.32	289.25	1349.07	10/13/2016	155.14	1483.18	11/16/2017	134.1	Bunker Hill II East of Mentone Fault North
	001S002W07Q001S	Cone Camp	U.S. Geological Survey/SBVMWD	1638.62	344.54	1294.08	10/13/2016	209.21	1429.41	11/16/2017	135.3	Bunker Hill II East of Mentone Fault North
	001S002W07Q002S	Cone Camp	U.S. Geological Survey/SBVMWD	1638.62	340.81	1297.81	10/13/2016	204.22	1434.4	11/16/2017	136.6	Bunker Hill II East of Mentone Fault North
	001S002W07Q004S	Cone Camp	U.S. Geological Survey/SBVMWD	1639.31			10/13/2016	118.62	1520.69	11/16/2017	-118.6	Bunker Hill II East of Mentone Fault North
	001S002W07Q005S	Cone Camp	U.S. Geological Survey/SBVMWD	1639.31			10/13/2016	93.32	1545.99	10/11/2017	-93.3	Bunker Hill II East of Mentone Fault North
266701	001S002W07Q006S	Cone Camp	U.S. Geological Survey/SBVMWD	1639.31	72.91	1566.4	10/13/2016	71.65	1567.66	11/16/2017	1.3	Bunker Hill II East of Mentone Fault North
9900074	001N005W29Q001S	County Landfill	U.S. Geological Survey/SBVMWD	1543.99	568.14	975.85	10/4/2016	570.84	973.15	10/5/2017	-2.7	
9900075	001N005W29Q002S	County Landfill	U.S. Geological Survey/SBVMWD	1543.99	568.03	975.96	10/4/2016	570.7	973.29	10/5/2017	-2.7	
9900076	001N005W29Q003S	County Landfill	U.S. Geological Survey/SBVMWD	1543.99	567.68	976.31	10/5/2016	570.59	973.4	10/5/2017	-2.9	
9900083	001N005W35B001S	Easton Reservoir	U.S. Geological Survey/SBVMWD	1416.28	337.05	1079.23	10/14/2016	340.74	1075.54	10/10/2017	-3.7	
9900084	001N005W35B002S	Easton Reservoir	U.S. Geological Survey/SBVMWD	1416.28	337.11	1079.17	10/14/2016	340.8	1075.48	10/10/2017	-3.7	
9900085	001N005W35B003S	Easton Reservoir	U.S. Geological Survey/SBVMWD	1416.28	322.84	1093.44	10/14/2016	326.64	1089.64	10/10/2017	-3.8	
9900086	001N005W35B004S	Easton Reservoir	U.S. Geological Survey/SBVMWD	1416.28	323.58	1092.7	10/14/2016	327.35	1088.93	10/10/2017	-3.8	
	001S004W03N001S	Feldheim Library 2	U.S. Geological Survey/SBVMWD	1062.29	218.31	843.98	10/4/2016	221.97	840.32	10/10/2017	-3.7	Pressure Zone North of Santa Ana Wash
	001S004W03N002S	Feldheim Library 2	U.S. Geological Survey/SBVMWD	1062.29	218.69	843.6	10/4/2016	223.08	839.21	10/10/2017	-4.4	Pressure Zone North of Santa Ana Wash
	001S004W03N003S	Feldheim Library 2	U.S. Geological Survey/SBVMWD	1062.29	210.39	851.9	10/4/2016	210.68	851.61	10/10/2017	-0.3	Pressure Zone North of Santa Ana Wash
	001S004W03N004S	Feldheim Library 2	U.S. Geological Survey/SBVMWD	1062.29	173.99	888.3	10/4/2016	179.42	882.87	10/10/2017	-5.4	Pressure Zone North of Santa Ana Wash
	001S004W03N005S	Feldheim Library 2	U.S. Geological Survey/SBVMWD	1062.29	166.67	895.62	10/4/2016	171.76	890.53	10/10/2017	-5.1	Pressure Zone North of Santa Ana Wash
9900097	001S004W04E006S	Garner Park	U.S. Geological Survey/SBVMWD	1121.3	254.54	866.76	10/3/2016	259.08	862.22	10/4/2017	-4.5	Pressure Zone North of Santa Ana Wash
	001S004W04E005S	Garner Park	U.S. Geological Survey/SBVMWD	1121.3	235.82	885.48	10/3/2016			10/4/2017	235.8	Pressure Zone North of Santa Ana Wash
	001S004W11K002S	Lena Road 2	U.S. Geological Survey/SBVMWD	1032.59	145.5	887.09	10/7/2016	151.63	880.96	12/5/2017	-6.1	Pressure Zone North of Santa Ana Wash
	001S004W11K003S	Lena Road 2	U.S. Geological Survey/SBVMWD	1032.59	139.88	892.71	10/7/2016	145.95	886.64	12/5/2017	-6.1	Pressure Zone North of Santa Ana Wash
	001S004W11K006S	Lena Road 2	U.S. Geological Survey/SBVMWD	1032.59	173.22	859.37	10/7/2016	172.33	860.26	12/5/2017	0.9	Pressure Zone North of Santa Ana Wash
	001S004W11K007S	Lena Road 2	U.S. Geological Survey/SBVMWD	1032.59	193.93	838.66	10/7/2016	187.94	844.65	12/5/2017	6.0	Pressure Zone North of Santa Ana Wash
	001S004W11K008S	Lena Road 2	U.S. Geological Survey/SBVMWD	1032.59	182.41	850.18	10/7/2016	181.4	851.19	12/5/2017	1.0	Pressure Zone North of Santa Ana Wash
	001S005W11F002S	Lilac Park	U.S. Geological Survey/SBVMWD	1247.06	290.28	956.78	10/6/2016	293.28	953.78	12/4/2017	-3.0	
	001S005W11F001S	Lilac Park	U.S. Geological Survey/SBVMWD	1247.06	314.72	932.34	10/6/2016	317.56	929.5	12/4/2017	-2.8	
	001S005W11F003S	Lilac Park	U.S. Geological Survey/SBVMWD	1247.06	295.28	951.78	10/6/2016	298.52	948.54	12/4/2017	-3.2	
9900119	001S005W11F004S	Lilac Park	U.S. Geological Survey/SBVMWD	1247.06	295.39	951.67	10/6/2016	298.66	948.4	12/4/2017	-3.3	
	001N005W22N001S	Lower Linden Ponds	U.S. Geological Survey/SBVMWD	1586.62	354.31	1232.31	10/4/2016	352.99	1233.63	10/5/2017	1.3	Lytle Basin Southeast of Barrier J
	001N005W22N002S	Lower Linden Ponds	U.S. Geological Survey/SBVMWD	1586.62	354.18	1232.44	10/4/2016	352.9	1233.72	10/5/2017	1.3	Lytle Basin Southeast of Barrier J
	001N005W22N003S	Lower Linden Ponds	U.S. Geological Survey/SBVMWD	1586.62	354.02	1232.6	10/4/2016	352.84	1233.78	10/13/2017	1.2	Lytle Basin Southeast of Barrier J
	001N005W22N004S	Lower Linden Ponds	U.S. Geological Survey/SBVMWD	1586.62	354.13	1232.49	10/4/2016	352.82	1233.8	10/13/2017	1.3	Lytle Basin Southeast of Barrier J

Water Level Elevations For Bunker Hill Basin

Recordation Number	State Well Number	Well Name	Owner Or Measuring Agency	Measuring Point Elevation	2016			2017			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		
	001N005W22N005S	Lower Linden Ponds	U.S. Geological Survey/SBVMWD	1586.62	354.02	1232.6	10/4/2016	351.97	1234.65	10/5/2017	2.0	Lytle Basin Southeast of Barrier J
	001S004W15F007S	Orange Show	U.S. Geological Survey/SBVMWD	992.42	91.56	900.86	10/6/2016	96.04	896.38	12/5/2017	-4.5	Pressure Zone Santa Ana Wash
	001S004W15F006S	Orange Show	U.S. Geological Survey/SBVMWD	992.42	106.88	885.54	10/6/2016	113.01	879.41	12/5/2017	-6.1	Pressure Zone Santa Ana Wash
	001S004W22D004S	Orangeshow & "E" St.	U.S. Geological Survey/SBVMWD	976.44	121.13	855.31	10/4/2016	124.53	851.91	12/4/2017	-3.4	Pressure Zone Santa Ana Wash
	001S004W22D002S	Orangeshow & "E" St.	U.S. Geological Survey/SBVMWD	976.44	109.39	867.05	10/4/2016	115.52	860.92	12/4/2017	-6.1	Pressure Zone Santa Ana Wash
	001S004W22D005S	Orangeshow & "E" St.	U.S. Geological Survey/SBVMWD	976.44	88.6	887.84	10/4/2016	52.91	923.53	12/4/2017	35.7	Pressure Zone Santa Ana Wash
	001S004W22D006S	Orangeshow & "E" St.	U.S. Geological Survey/SBVMWD	976.44	108.58	867.86	10/4/2016	105.09	871.35	12/4/2017	3.5	Pressure Zone Santa Ana Wash
	001S004W08E003S	Rialto Avenue	U.S. Geological Survey/SBVMWD	1116.76	228.58	888.18	10/5/2016	229.14	887.62	11/27/2017	-0.6	
	001S004W08E001S	Rialto Avenue	U.S. Geological Survey/SBVMWD	1116.76	228.17	888.59	10/5/2016	229.01	887.75	10/4/2017	-0.8	
	001S004W08E002S	Rialto Avenue	U.S. Geological Survey/SBVMWD	1116.76	228.31	888.45	10/5/2016	228.95	887.81	10/4/2017	-0.6	
9900101	001S004W08E004S	Rialto Avenue	U.S. Geological Survey/SBVMWD	1116.76	231.16	885.6	10/5/2016	231.96	884.8	12/18/2017	-0.8	
	001S004W10B003S	San Bernardino/Multi	U.S. Geological Survey/SBVMWD	1019.02	132.68	886.34	10/6/2016	137.86	881.16	10/16/2017	-5.2	Pressure Zone Santa Ana Wash
	001S004W10B002S	San Bernardino/Multi	U.S. Geological Survey/SBVMWD	1019.02	175.08	843.94	10/6/2016	180.62	838.4	10/16/2017	-5.5	Pressure Zone Santa Ana Wash
9900104	001S004W10B004S	San Bernardino/Multi	U.S. Geological Survey/SBVMWD	1019.02	72.26	946.76	10/6/2016	67.89	951.13	10/16/2017	4.4	Pressure Zone Santa Ana Wash
	001S004W02D006S	Sierra High School	U.S. Geological Survey/SBVMWD	1078.59	226.28	852.31	10/6/2016	234.89	843.7	10/16/2017	-8.6	Pressure Zone North of Santa Ana Wash
	001S004W02D007S	Sierra High School	U.S. Geological Survey/SBVMWD	1078.59	223.32	855.27	10/6/2016	230.43	848.16	10/16/2017	-7.1	Pressure Zone North of Santa Ana Wash
9900094	001S004W02D008S	Sierra High School	U.S. Geological Survey/SBVMWD	1078.59	167.33	911.26	10/6/2016	167.96	910.63	10/16/2017	-0.6	Pressure Zone North of Santa Ana Wash
	001S004W22B009S	Treatment Plant	U.S. Geological Survey/SBVMWD	995.99	123.79	872.2	10/6/2016	133.16	862.83	12/6/2017	-9.4	Pressure Zone Santa Ana Wash
9900058	001N005W21K001S	Upper Linden Ponds	U.S. Geological Survey/SBVMWD	1647.84	436.7	1211.14	10/5/2016	442.12	1205.72	10/6/2017	-5.4	
9900060	001N005W21K003S	Upper Linden Ponds	U.S. Geological Survey/SBVMWD	1647.84	420.46	1227.38	10/5/2016	422.67	1225.17	10/6/2017	-2.2	
9900059	001N005W21K002S	Upper Linden Ponds	U.S. Geological Survey/SBVMWD	1647.84	436.7	1211.14	10/5/2016	442.1	1205.74	10/6/2017	-5.4	
9900061	001N005W21K004S	Upper Linden Ponds	U.S. Geological Survey/SBVMWD	1647.84	421.59	1226.25	10/5/2016	423.97	1223.87	10/6/2017	-2.4	
3601002	001N004W31P003S	9	West Valley Water District	1235	351	884	12/1/2016	349	886	12/1/2017	2.0	Lytle Basin Southeast of Barrier J
	001S005W35J006S	40	West Valley Water District	915	101	814	12/1/2016	93	822	12/1/2017	8.0	
3600309	001S005W02C001S	10 Baseline & Willow	West Valley Water District	1346.7	393	953.7	12/1/2016	392	954.7	12/1/2017	1.0	
3600311	001S005W02K001S	11 Victoria & Willow	West Valley Water District	1287	338	949	12/1/2016	344	943	12/1/2017	-6.0	
3601848	001S004W05E005S	15 9th & Pennsylvania/Raynor 5	West Valley Water District	1170	334	836	12/1/2016	345	825	12/1/2017	-11.0	Bunker Hill I Southwest of 215 Freeway
3601001	001S005W12L001S	16 Eucalyptus/Noth Meridin/Boyd	West Valley Water District	1177.2	271	906.2	12/1/2016	279	898.2	12/1/2017	-8.0	
3600995	001S005W12N001S	17 Acacia	West Valley Water District	1173.7	275	898.7	12/1/2016	279	894.7	12/1/2017	-4.0	
3603669	001S005W24M002S	18A Sycamore & Valley	West Valley Water District	1260	239	1021	12/1/2016	232	1028	10/1/2017	7.0	
3603902	001N005W23P004S	1A	West Valley Water District	1488	261	1227	12/1/2016	262	1226	12/1/2017	-1.0	Lytle Basin Southeast of Barrier J
3601944	001N005W23Q001S	2 Lower 7	West Valley Water District	1430	363	1067	12/1/2016	360	1070	12/1/2017	3.0	Lytle Basin Southeast of Barrier J
3610005	001S005W29A001S	20 Slover 2	West Valley Water District	1082.4	295	787.4	12/1/2016	298	784.4	12/1/2017	-3.0	
3603770	001N005W27B001S	22A Linden & Vineyard	West Valley Water District	1558	412	1146	12/1/2016	420	1138	12/1/2017	-8.0	
3603771	001N005W17G002S	23A Residential	West Valley Water District	1850	68	1782	12/1/2016	68	1782	12/1/2017	0.0	Lytle Basin Northwest of Barrier J
3602766	001S004W06H002S	30 Washington Baseline-New Ra	West Valley Water District	1159.8	335	824.8	12/1/2016	341	818.8	12/1/2017	-6.0	Bunker Hill I Southwest of 215 Freeway
	001N005W17K003S	31 (Field) Fontana Reservoir	West Valley Water District	1848	70	1778	12/1/2016	70	1778	12/1/2017	0.0	Lytle Basin Northwest of Barrier J
3603465	001S005W03A002S	33 Shop	West Valley Water District	1360	396	964	12/1/2016	403	957	12/1/2017	-7.0	
3603757	001S005W20P001S	37 Palmetto	West Valley Water District	1101	365	736	12/1/2016	363	738	12/1/2017	2.0	
9900133	001S005W22M002S	39 Cedar/RR	West Valley Water District	1085	271	814	12/1/2016	272	813	12/1/2017	-1.0	
3603670	001S005W36E003S	41 Indsutrial/Riverside	West Valley Water District	910	115	795	12/1/2016	115	795	12/1/2017	0.0	
3603777	001N005W26A006S	4A	West Valley Water District	1400	366	1034	12/1/2016	363	1037	11/1/2017	3.0	Lytle Basin Southeast of Barrier J
3603769	001N005W25E001S	5A Golf Course	West Valley Water District	1383.4	340	1043.4	12/1/2016	343	1040.4	12/1/2017	-3.0	Lytle Basin Southeast of Barrier J
3603778	001N005W36H006S	8A Lord Ranch	West Valley Water District	1262.4	407	855.4	12/1/2016	413	849.4	12/1/2017	-6.0	Lytle Basin Southeast of Barrier J
	001S004W05F002S	EC-N	West Valley Water District	1197	340	857	11/1/2016	403	794	12/1/2017	-63.0	Bunker Hill I Southwest of 215 Freeway
	001S004W05F001S	EC-S	West Valley Water District	1182	333	849	12/1/2016	344	838	12/1/2017	-11.0	Bunker Hill I Southwest of 215 Freeway

Engineering Investigation of the Bunker Hill Basin 2016-2017

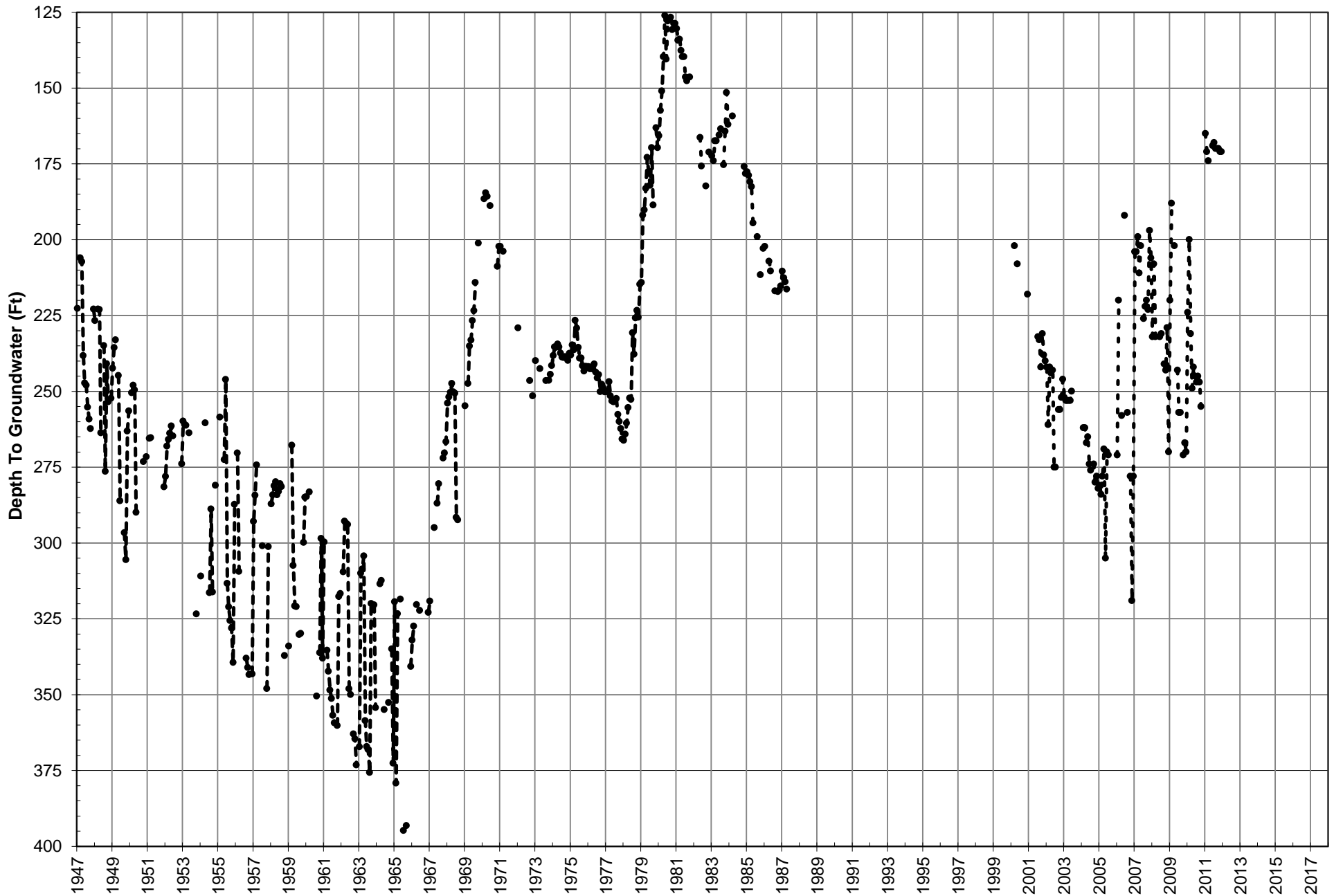
Appendix B





B.V. Judson Index Well Hydrograph

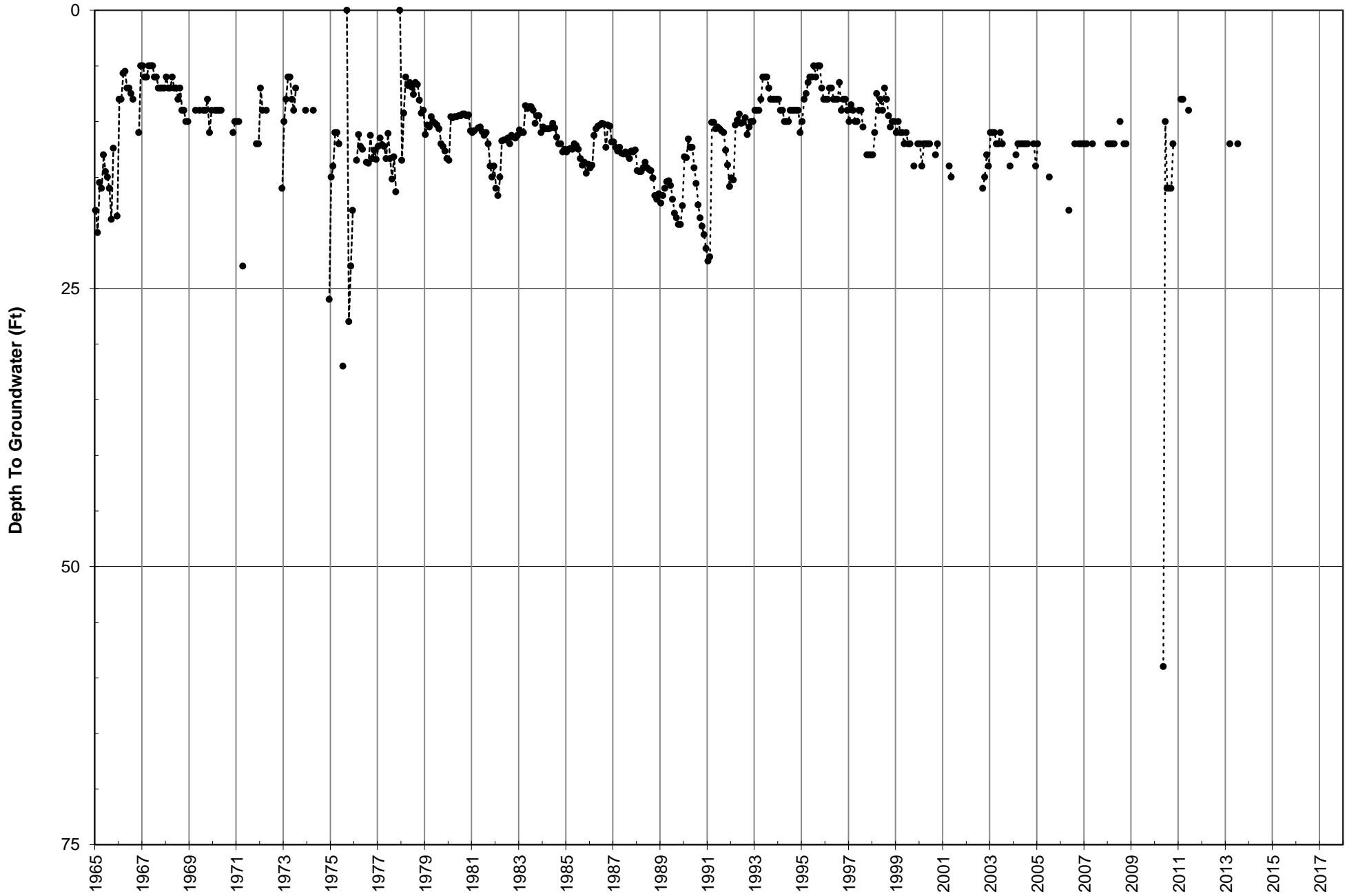
Bear Valley Mutual Water Co.





Mill Creek #0A Index Well Hydrograph

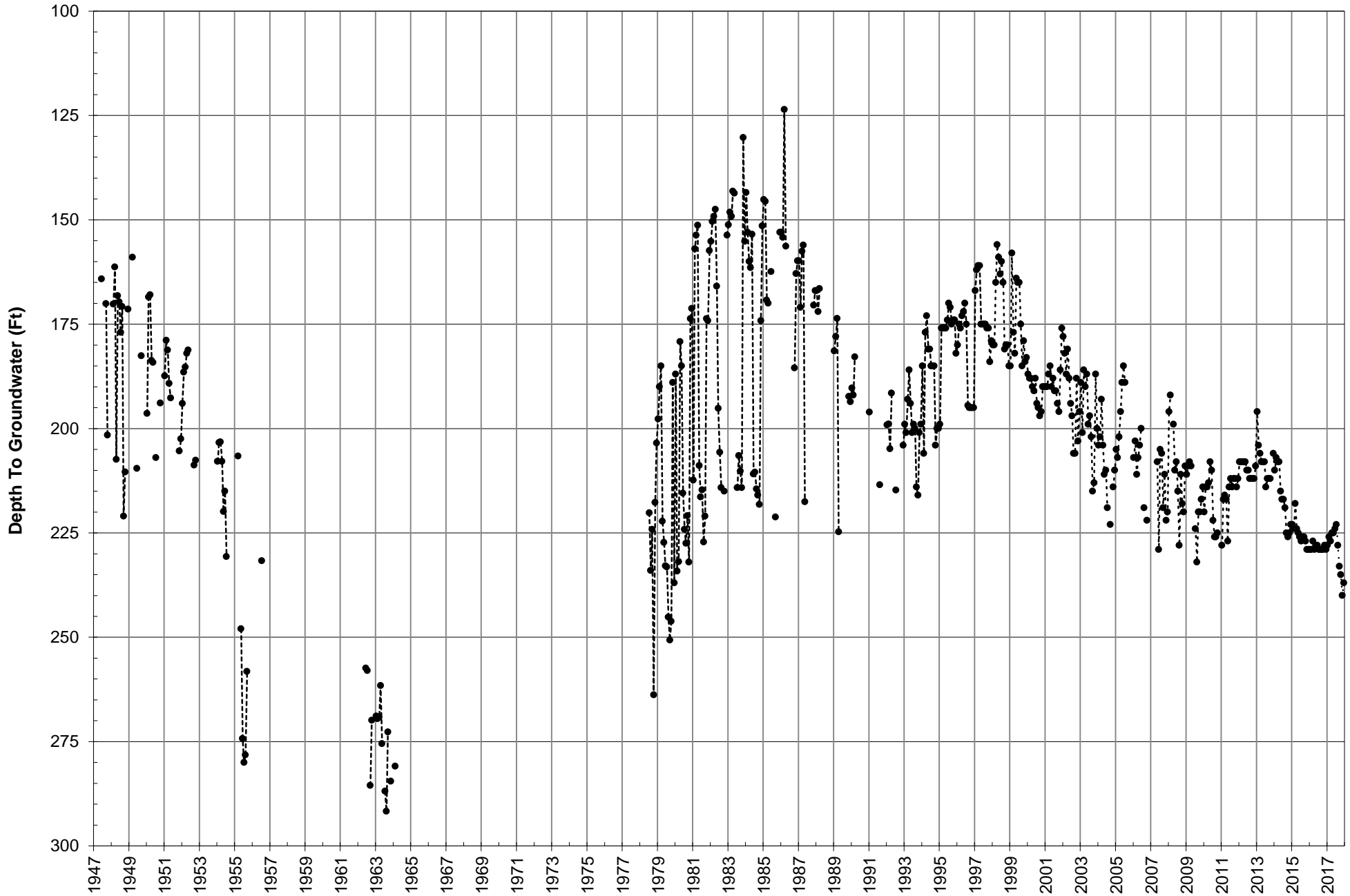
City of Redlands





Lee Well Index Well Hydrograph

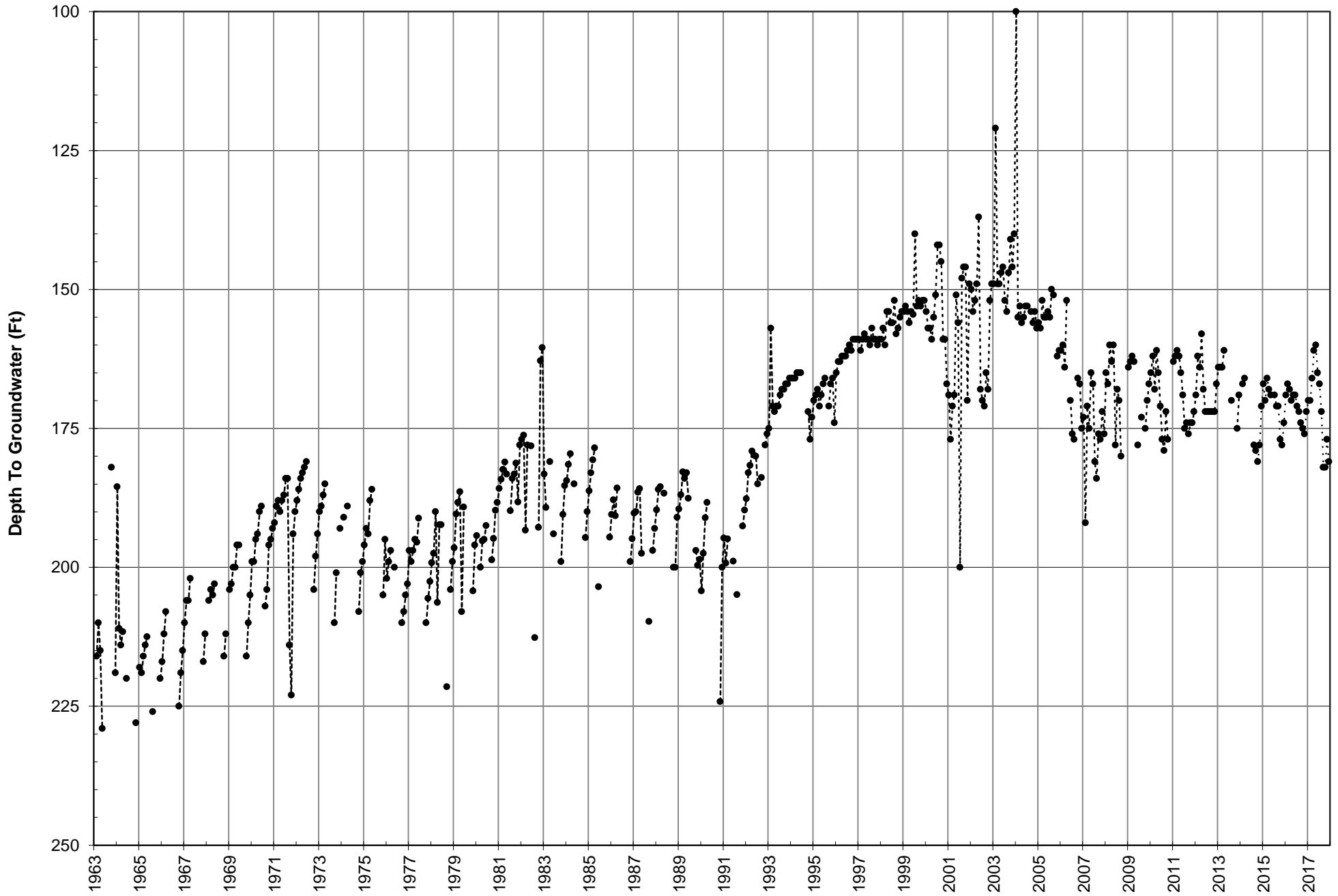
City of Redlands





Redlands Heights Index Well Hydrograph

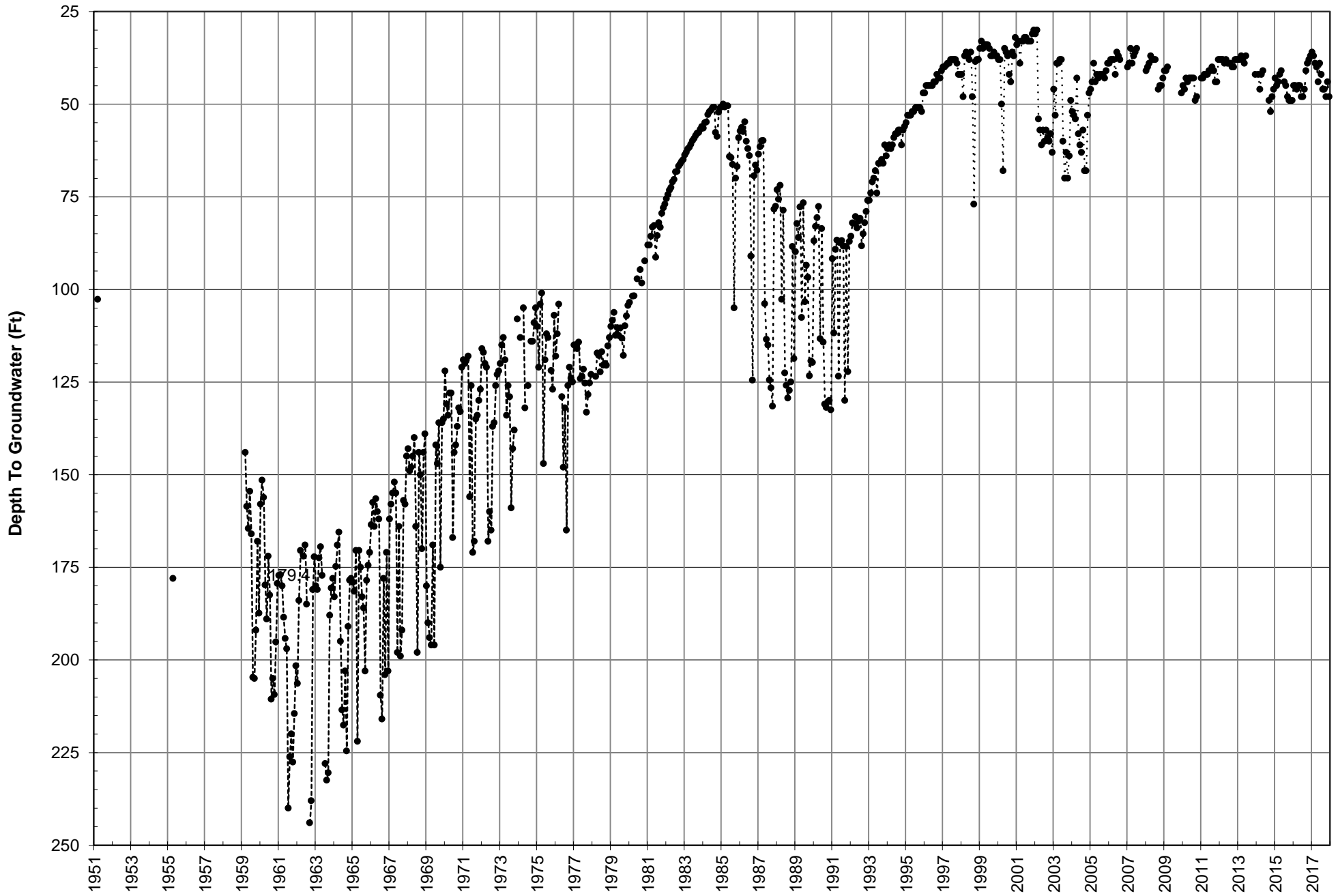
City of Redlands





Well #16 Index Well Hydrograph

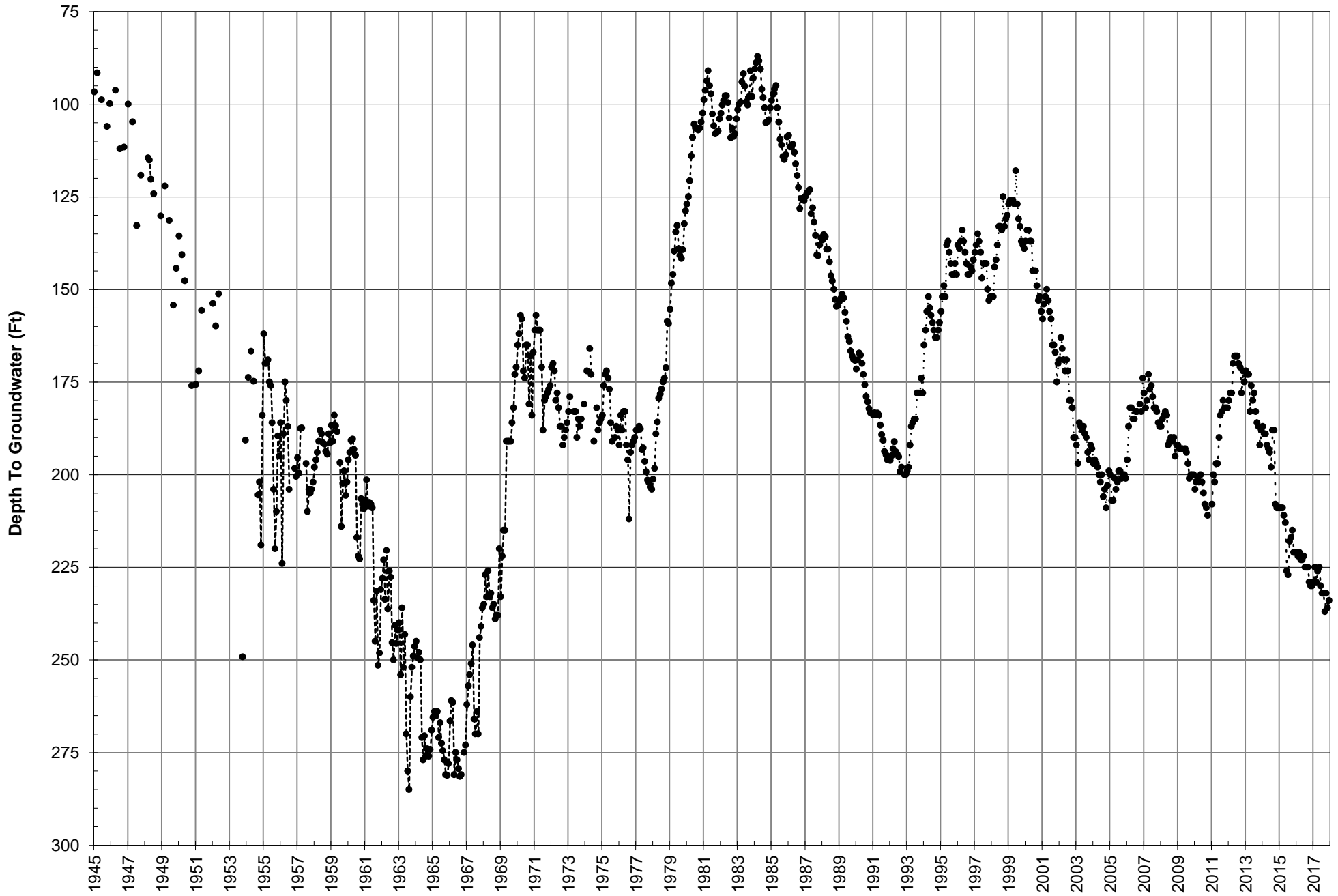
City of Redlands





Well #32 Index Well Hydrograph

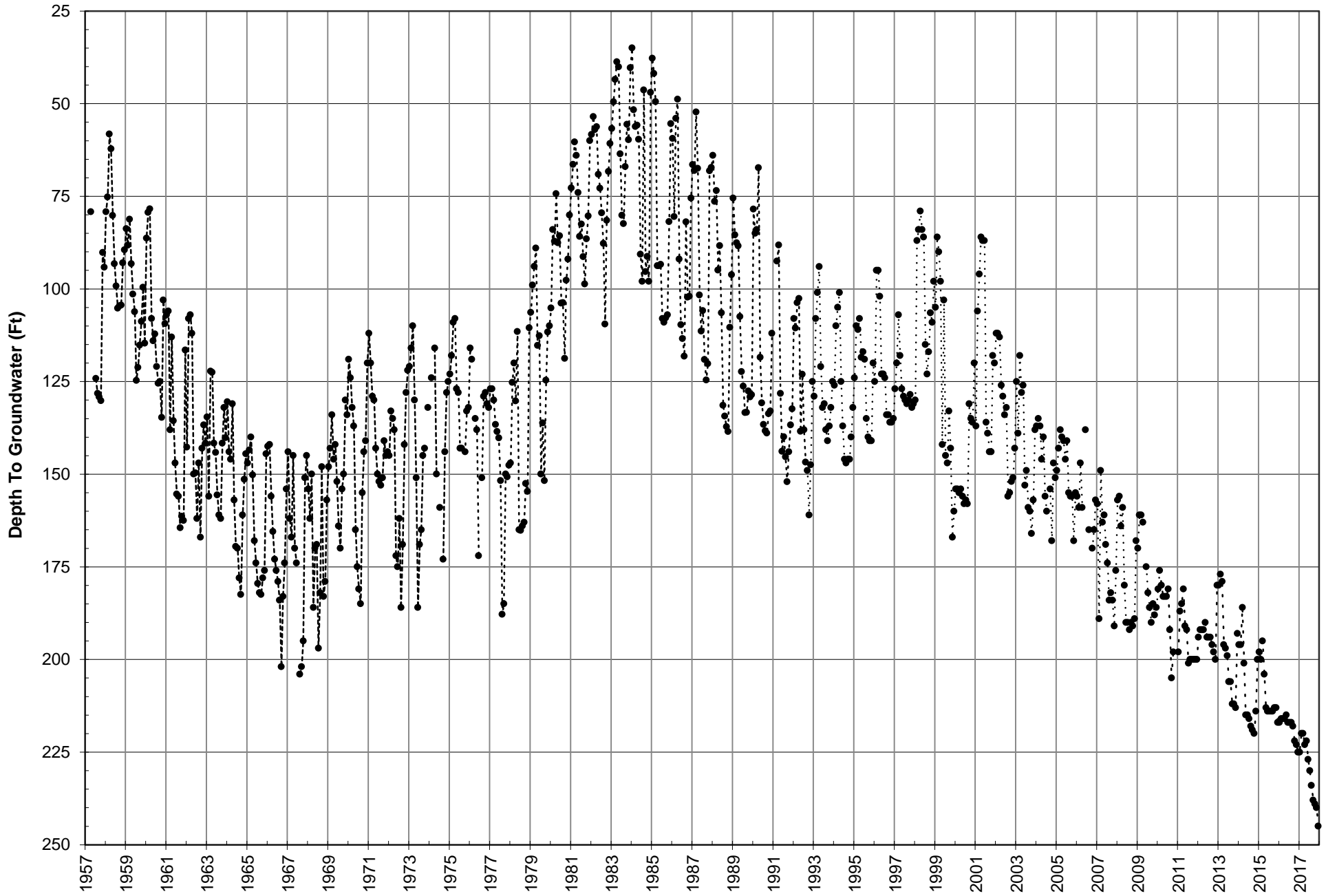
City of Redlands





Well #34 Index Well Hydrograph

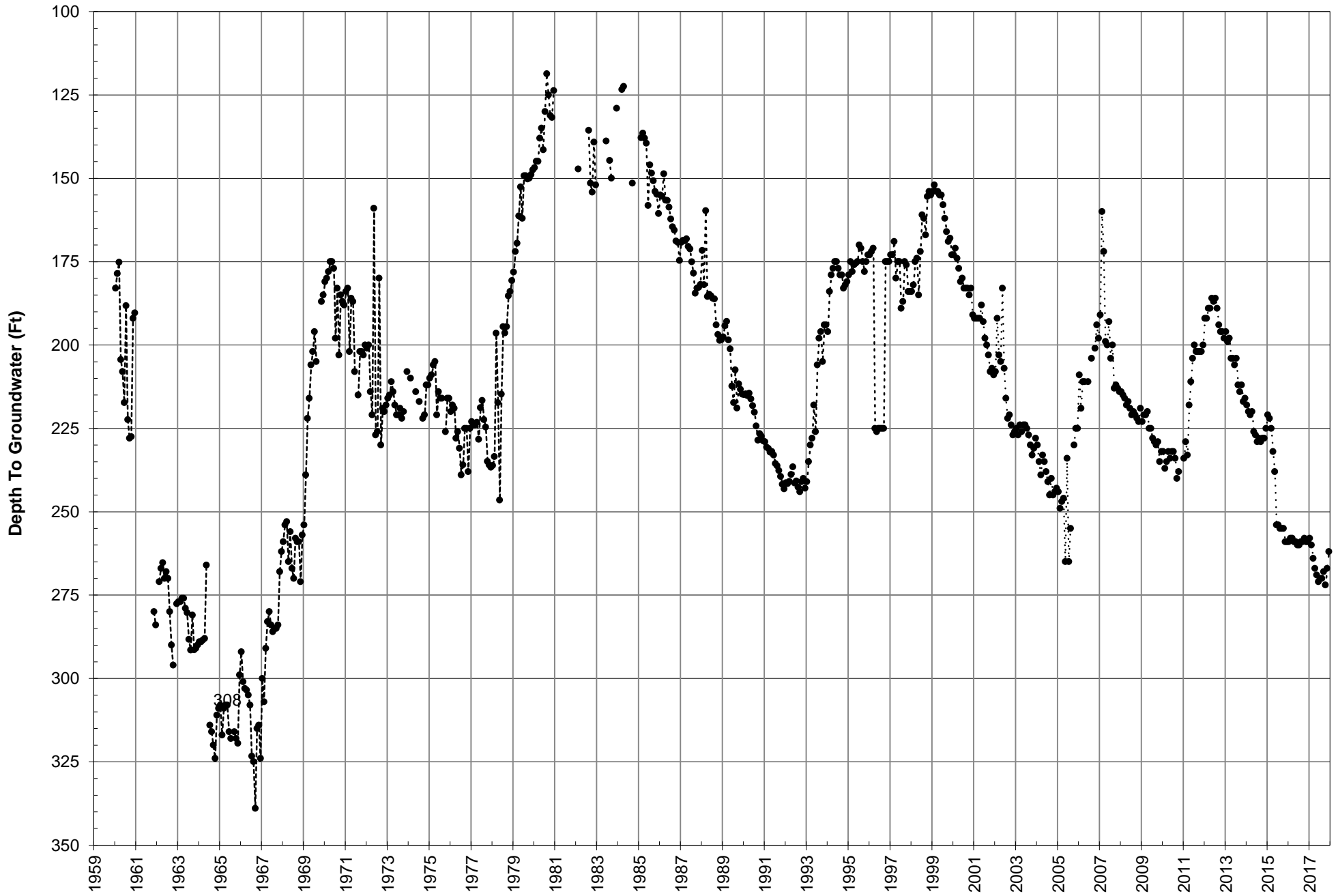
City of Redlands





Well #35 Index Well Hydrograph

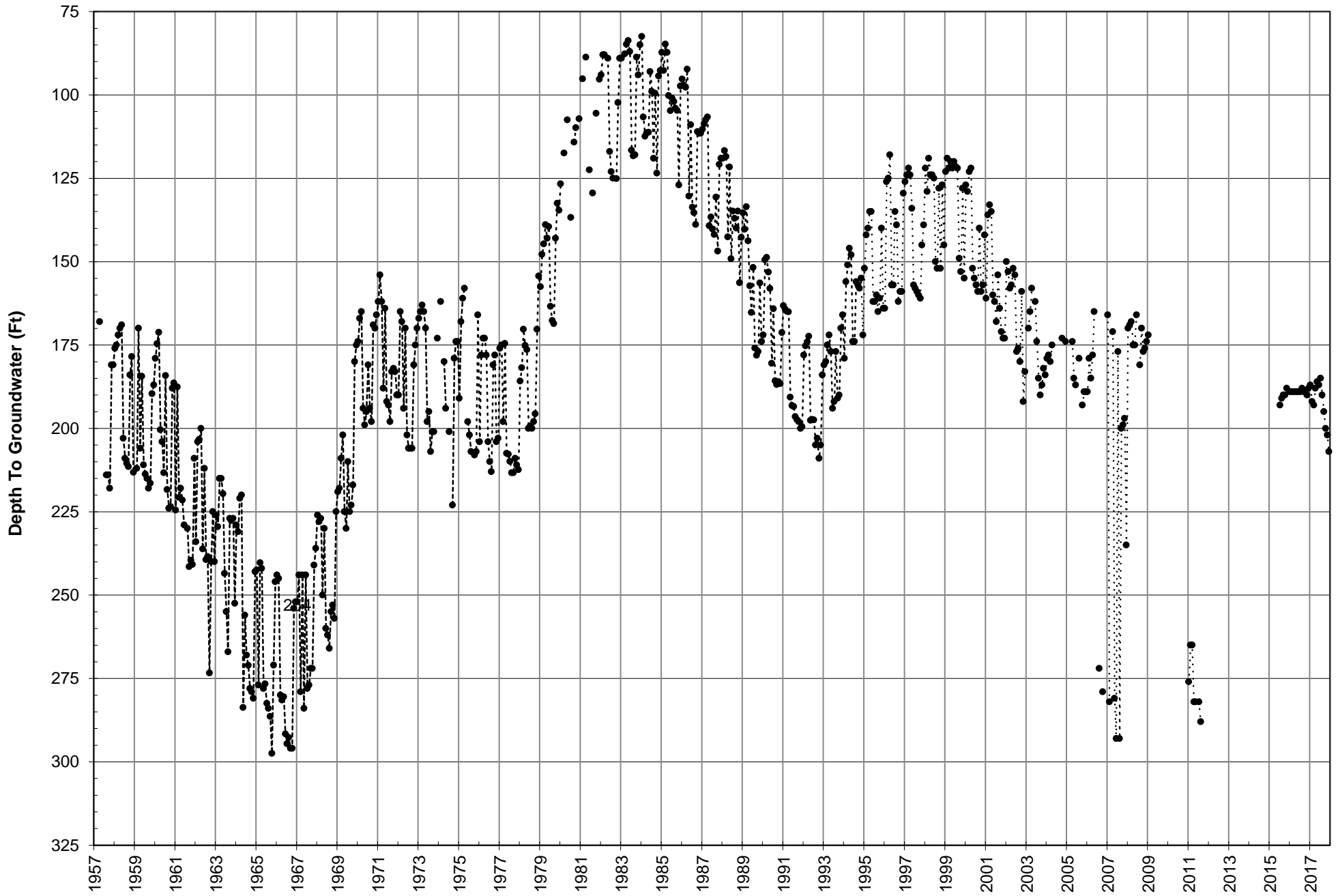
City of Redlands





Well #41 Index Well Hydrograph

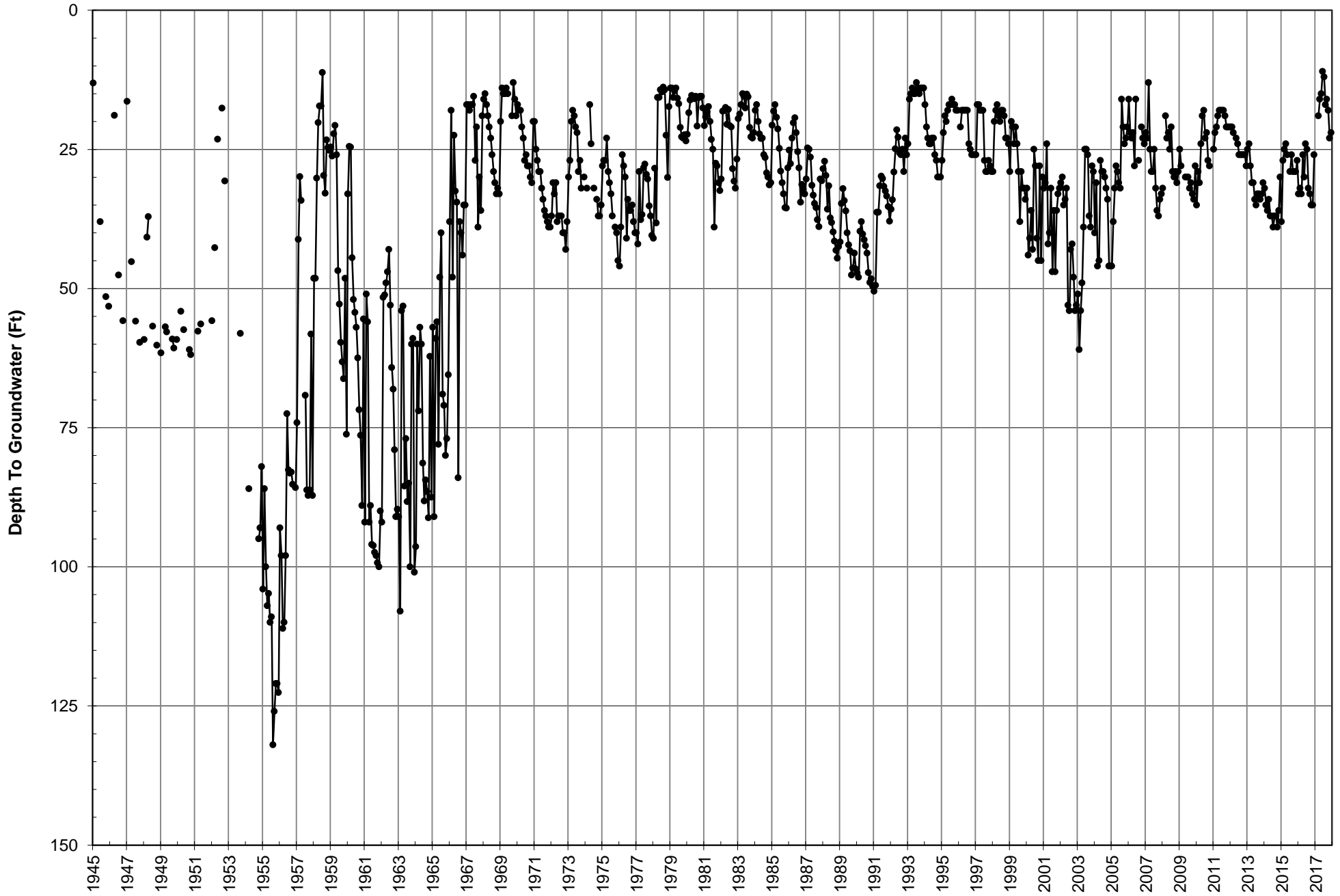
City of Redlands





East Lugonia #3 Index Well Hydrograph

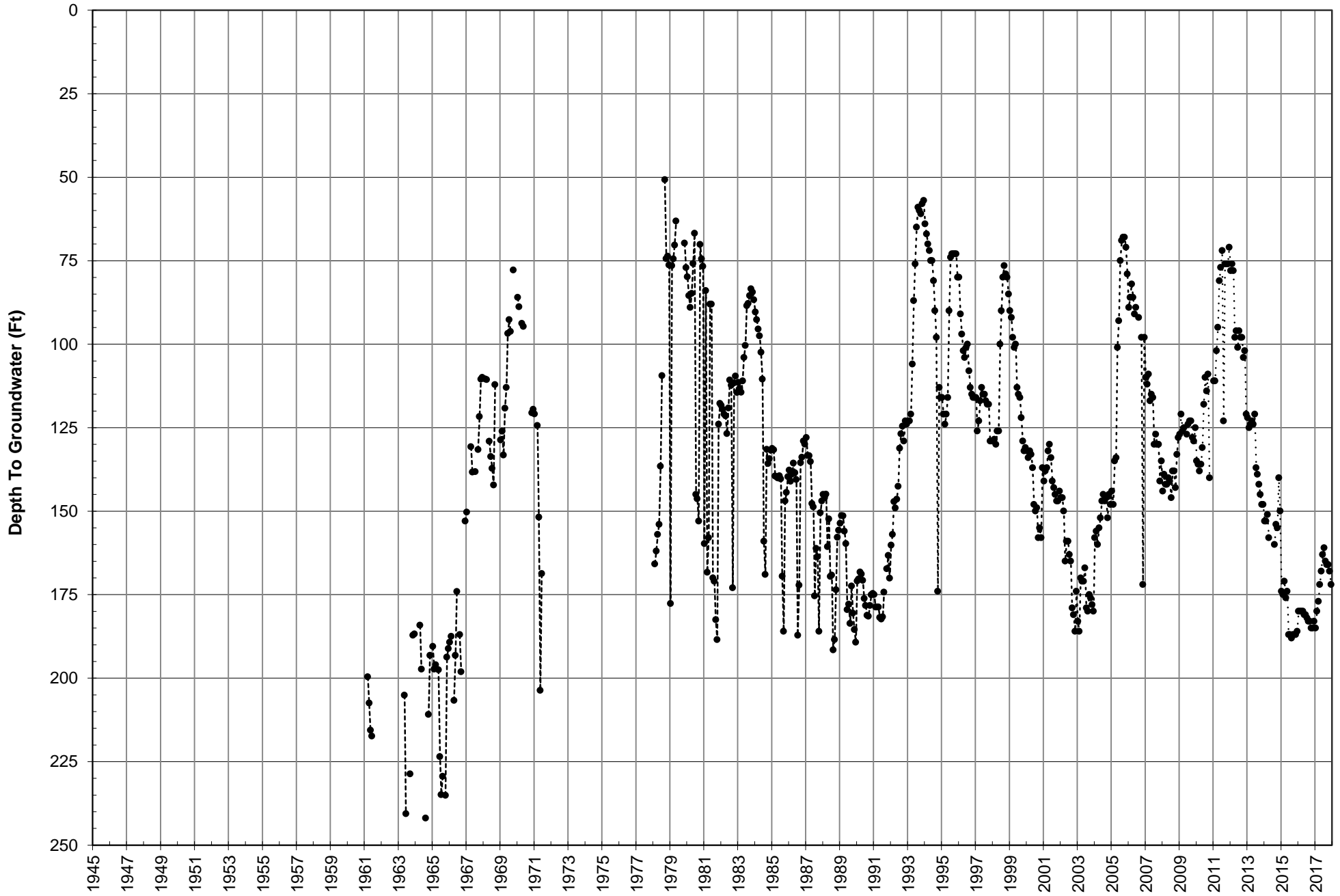
City of Redlands





Agate #1 Index Well Hydrograph

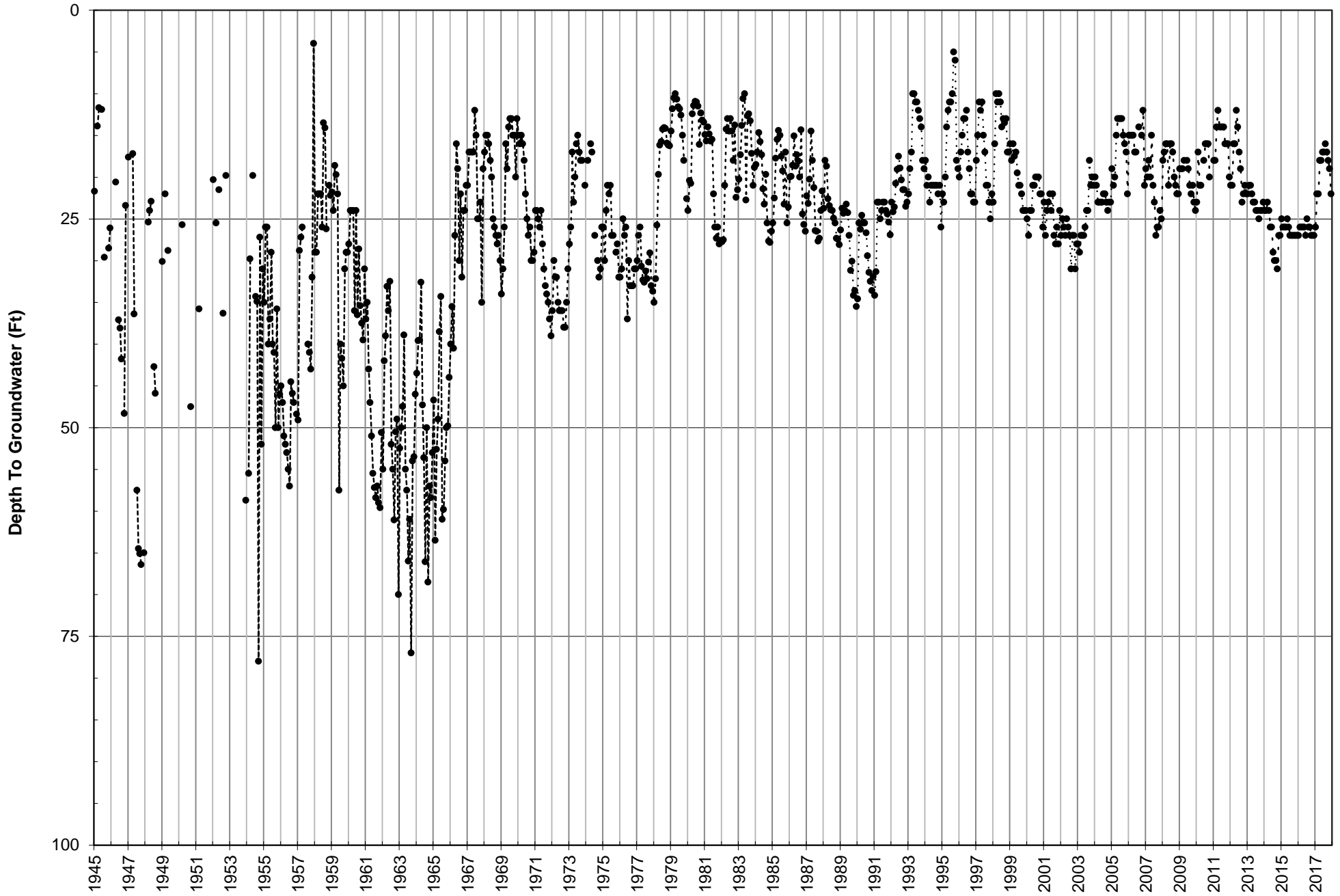
City of Redlands





Maguet #1 Index Well Hydrograph

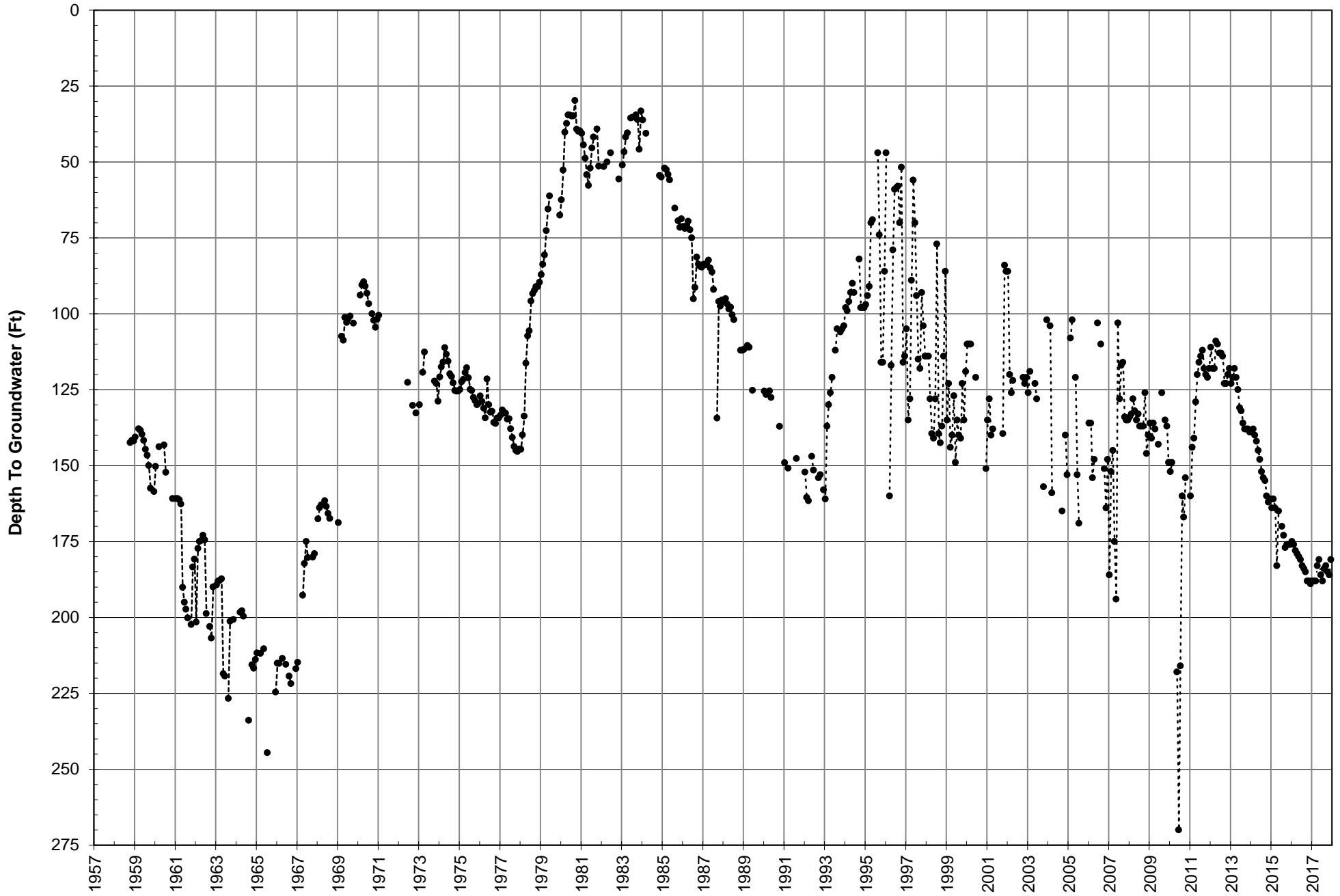
City of Redlands





Orange St. Index Well Hydrograph

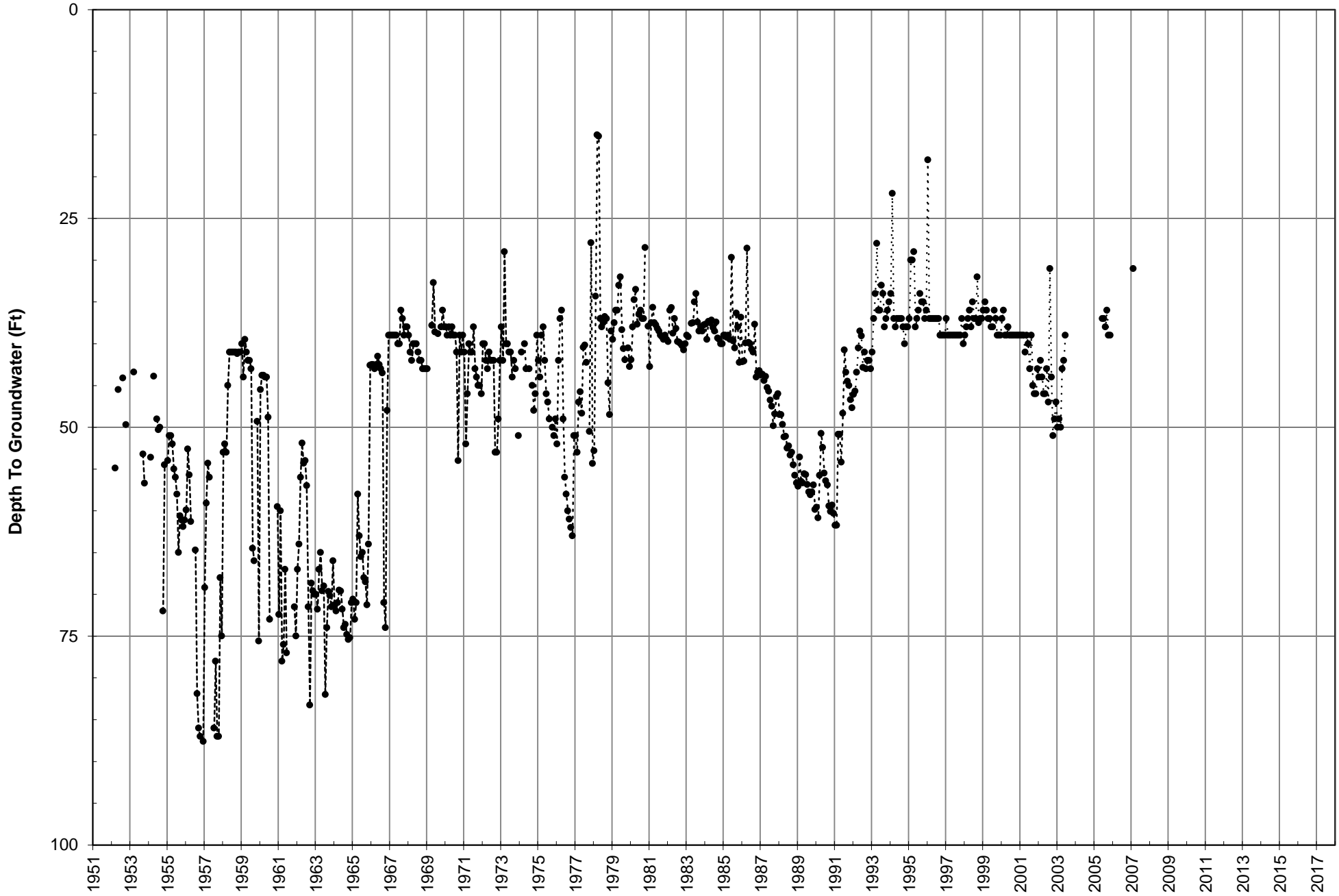
City of Redlands





East Lugonia #2 Index Well Hydrograph

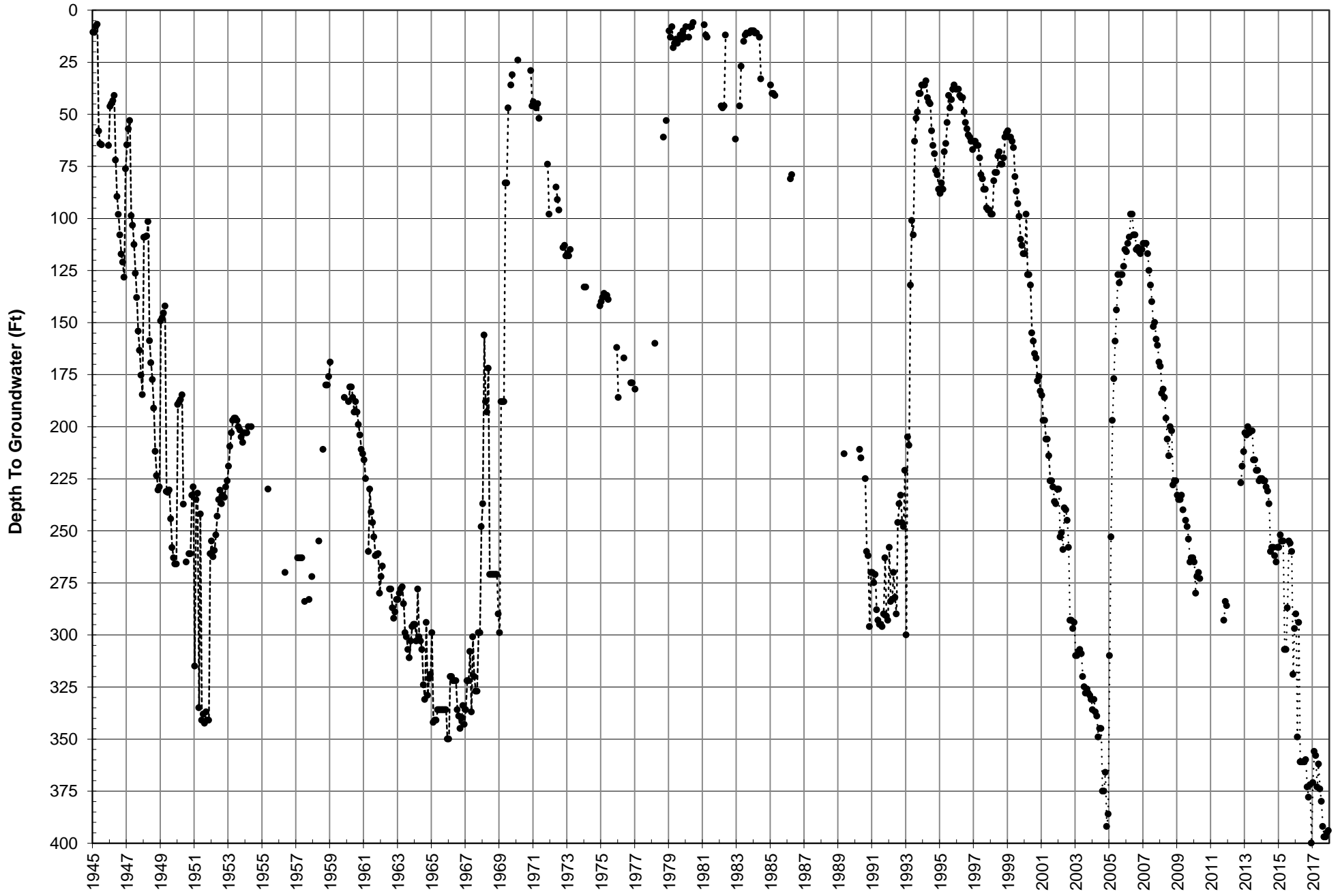
City of Redlands





City No. 1 Index Well Hydrograph

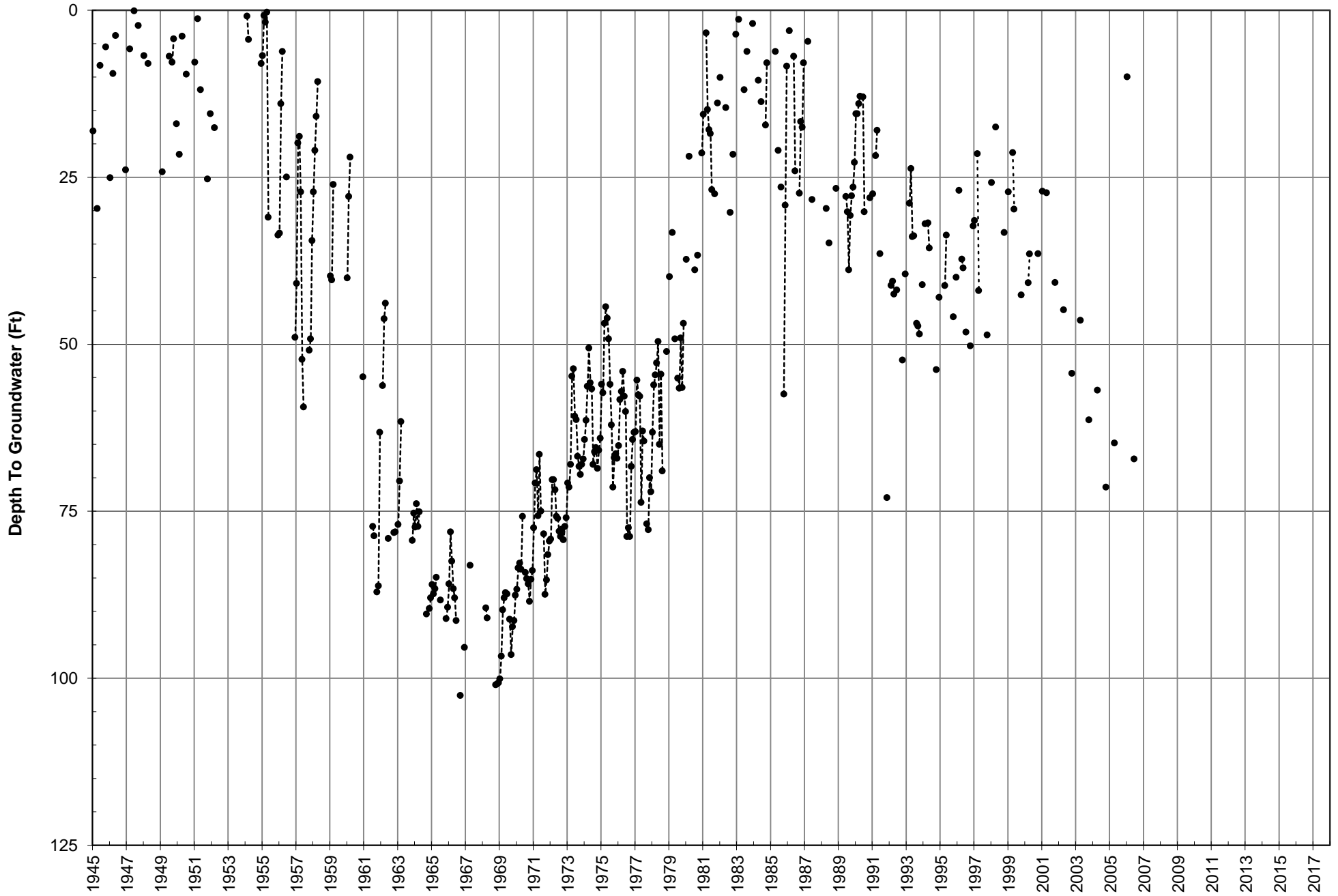
City of Rialto





Thorne No. 10 Index Well Hydrograph

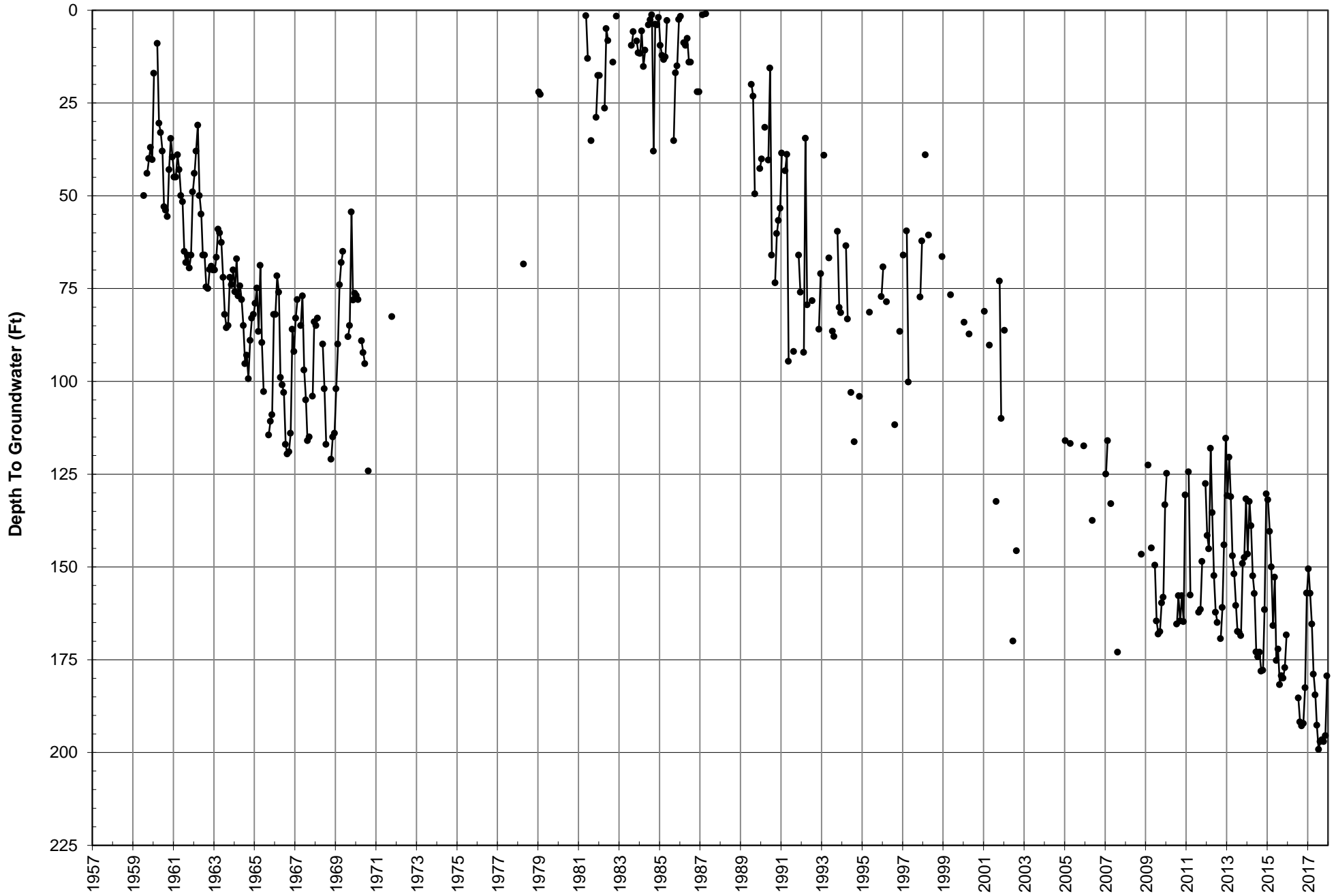
City of Riverside





Stewart No. 20 Index Well Hydrograph

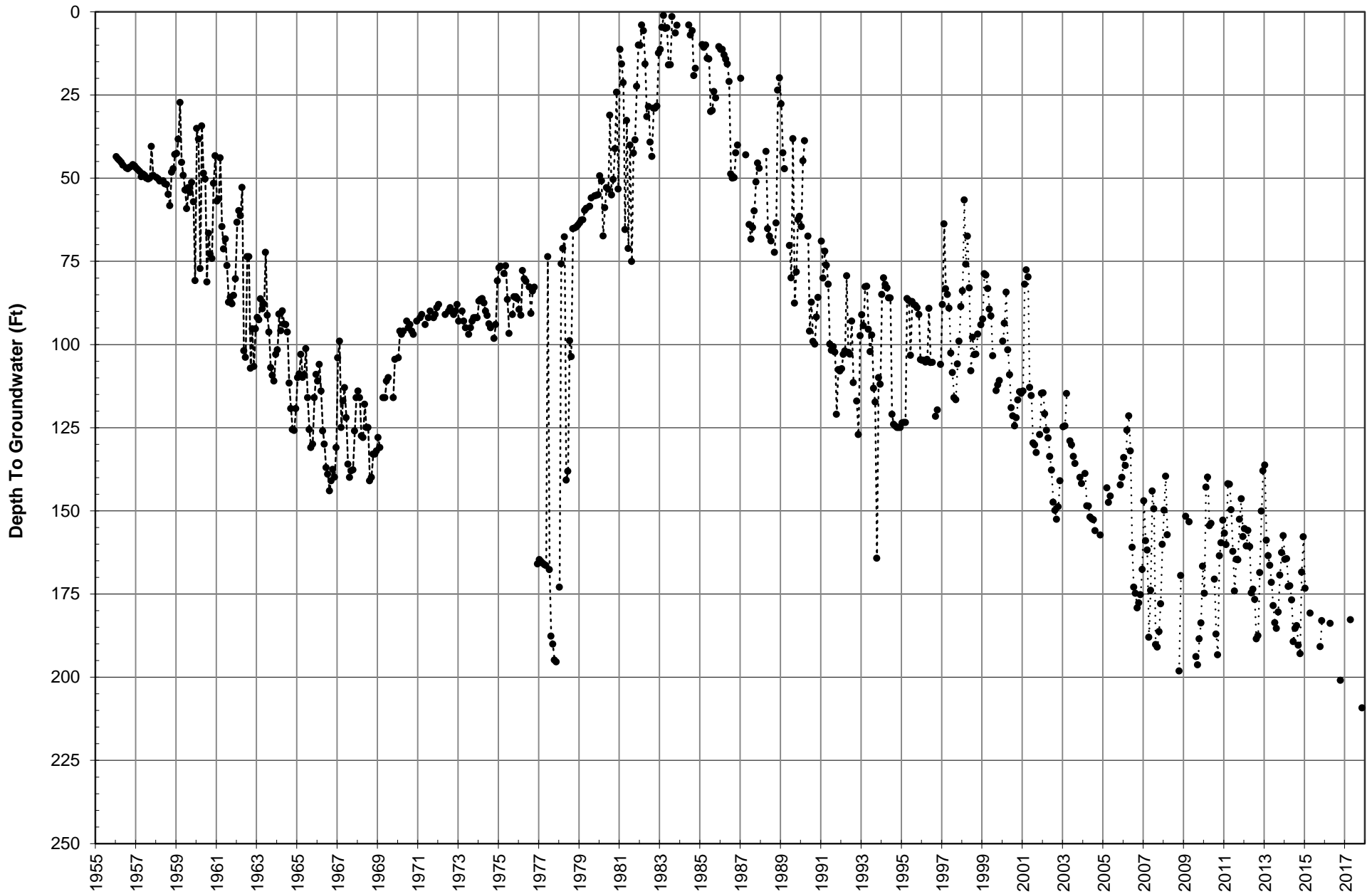
City of Riverside





Cooley D Index Well Hydrograph

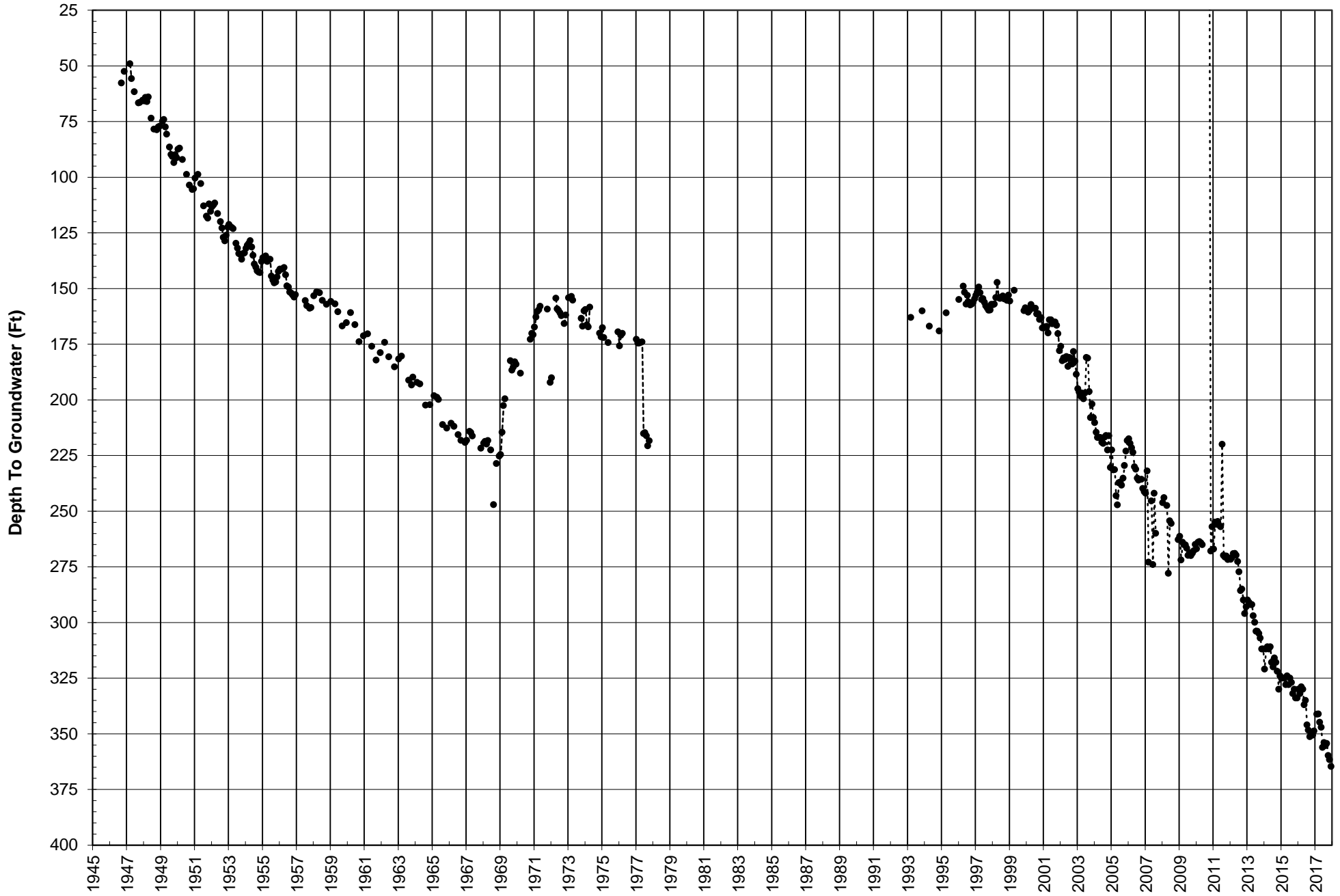
City of Riverside





Baseline & California Index Well Hydrograph

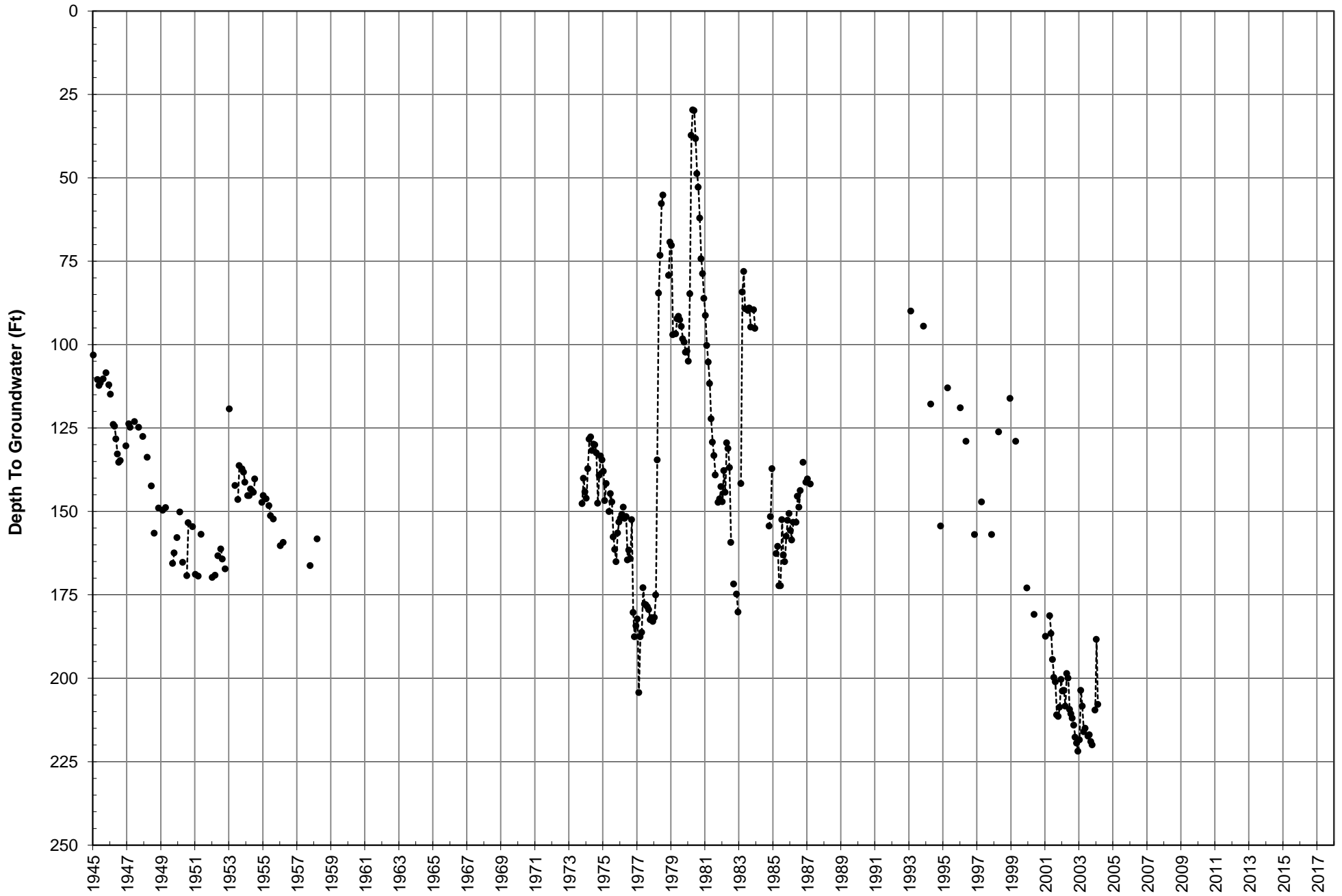
City of San Bernardino





Cajon Well No. 1 Index Well Hydrograph

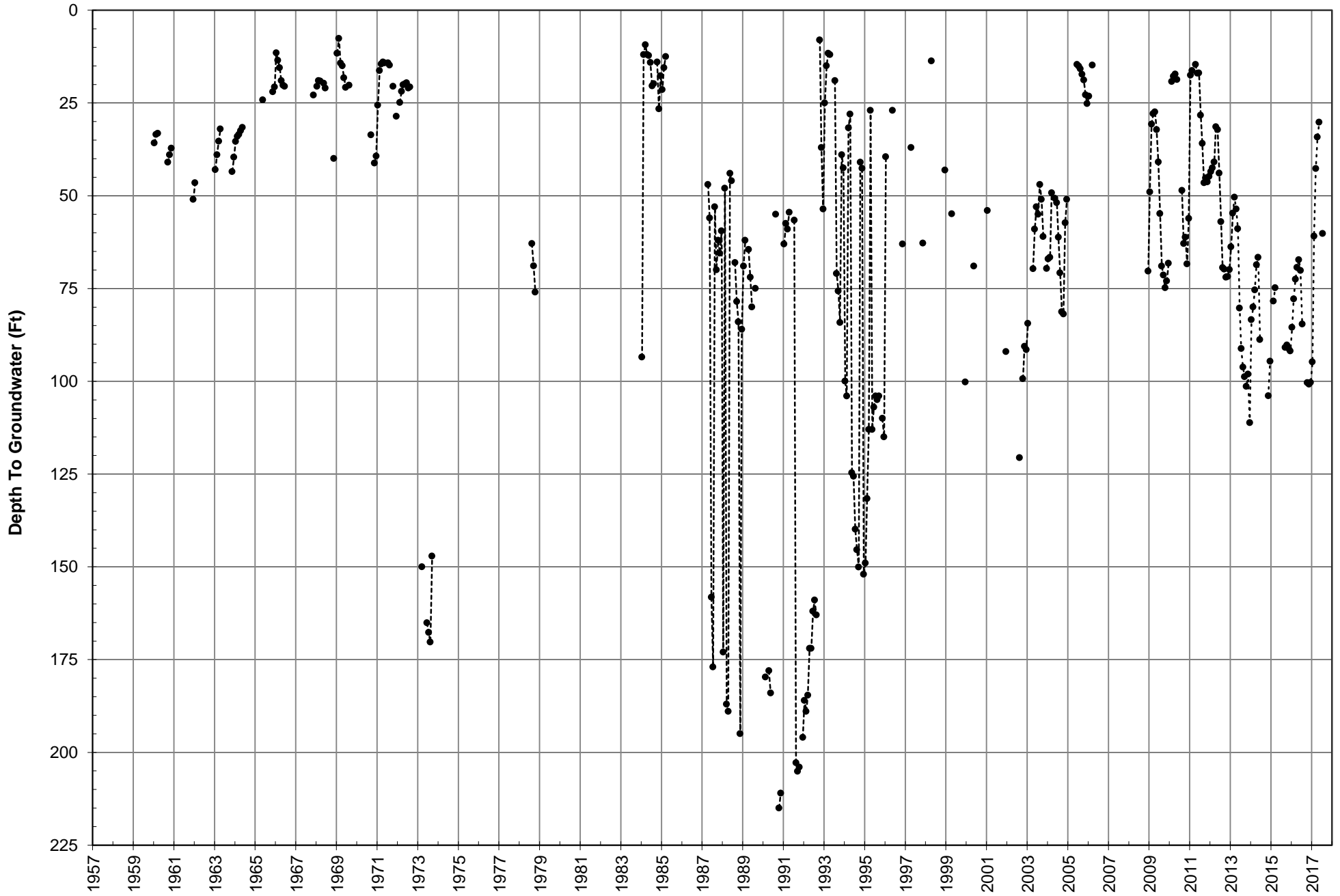
City of San Bernardino





Cajon Canyon Index Well Hydrograph

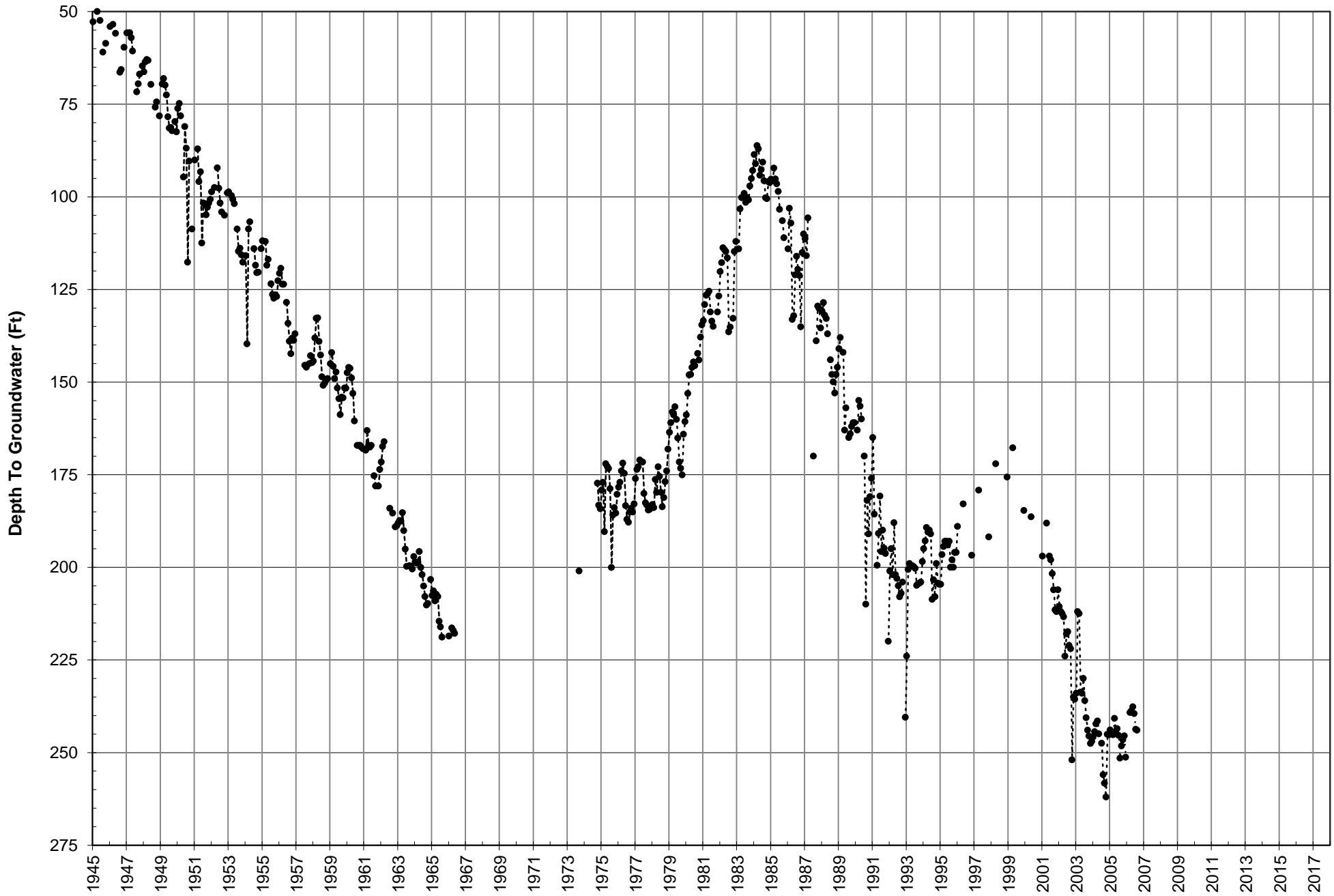
City of San Bernardino





Perris Hill No. 3 Index Well Hydrograph

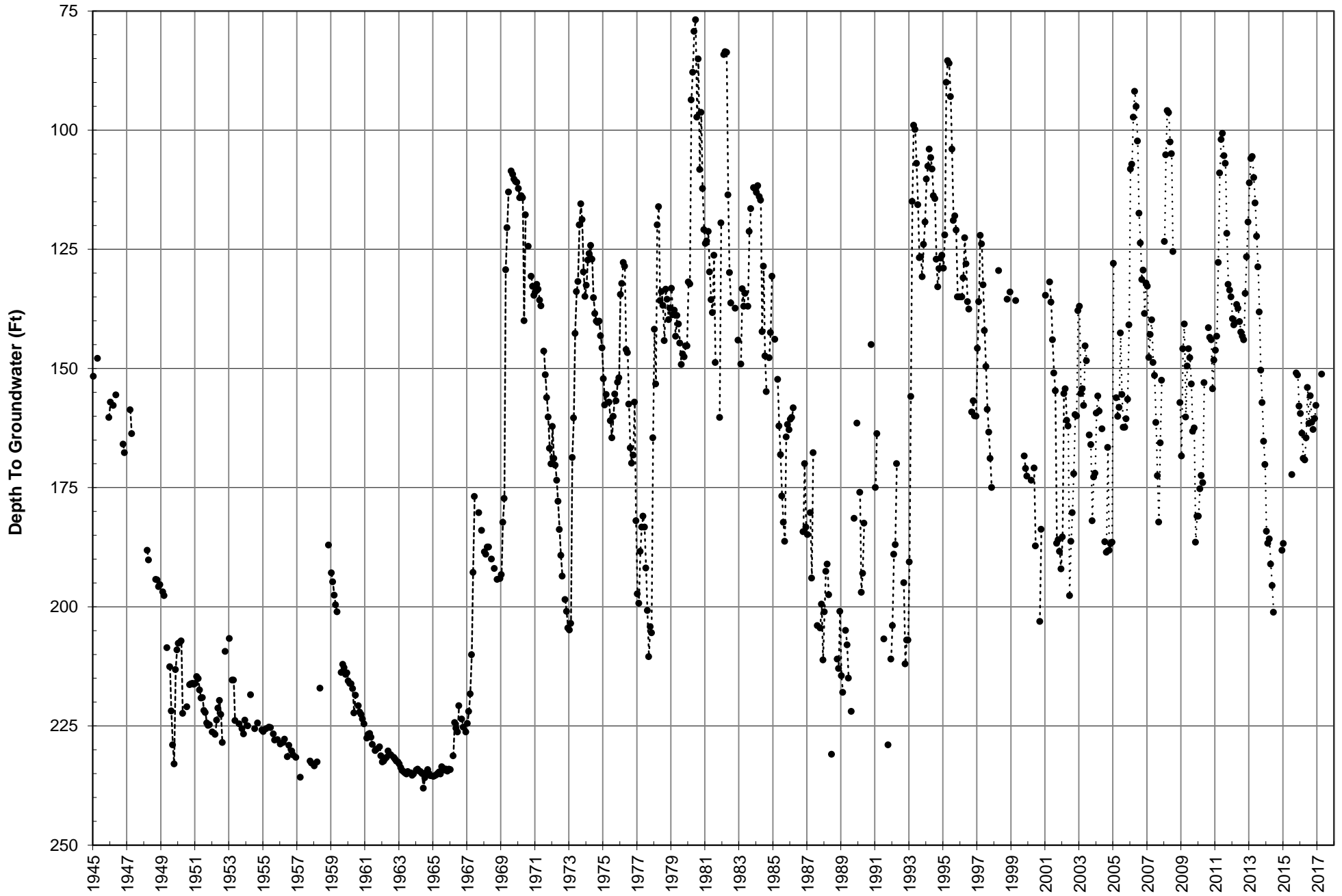
City of San Bernardino





Devil Canyon No. 1 Index Well Hydrograph

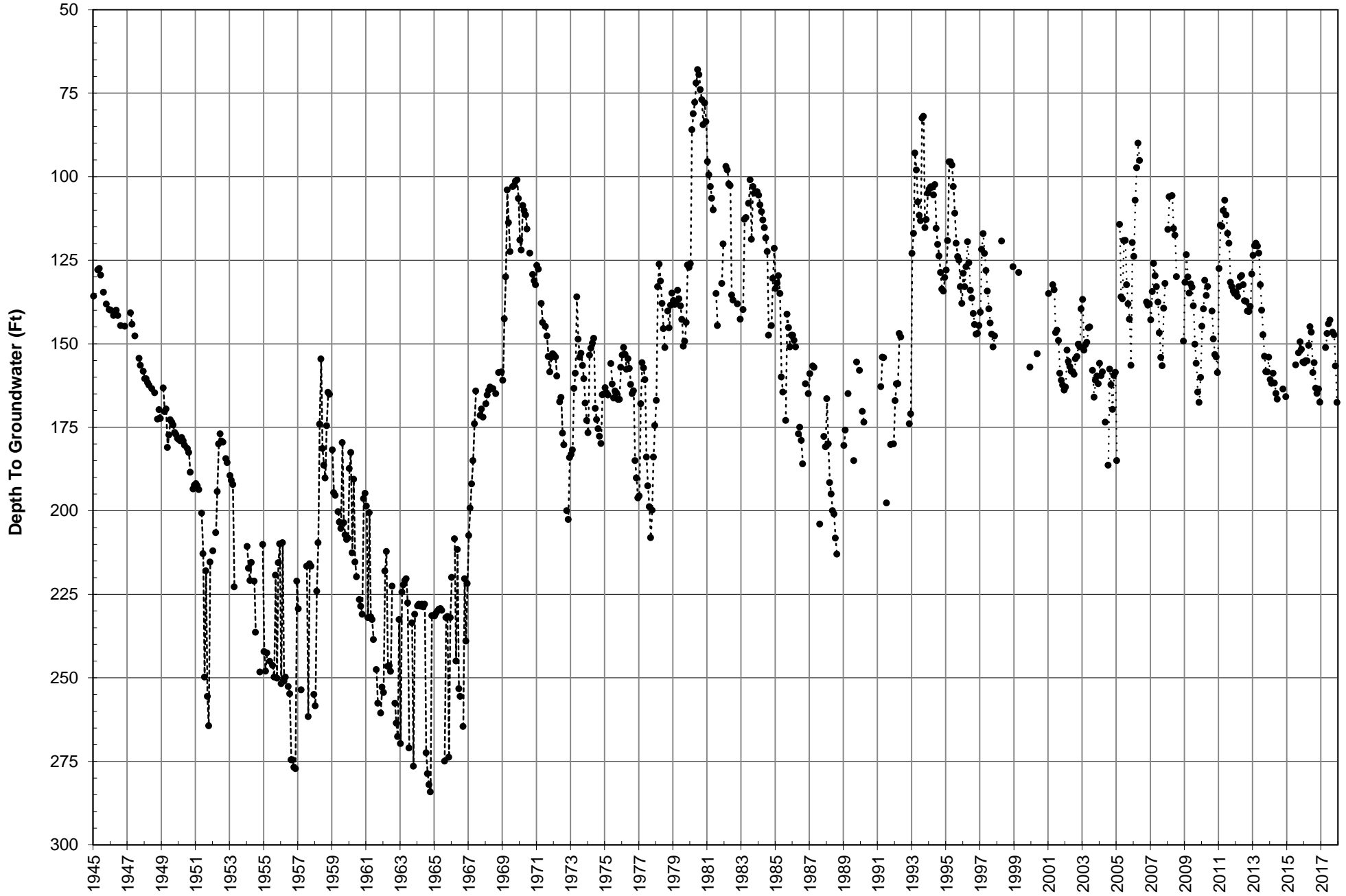
City of San Bernardino





Devil Canyon No. 2 Index Well Hydrograph

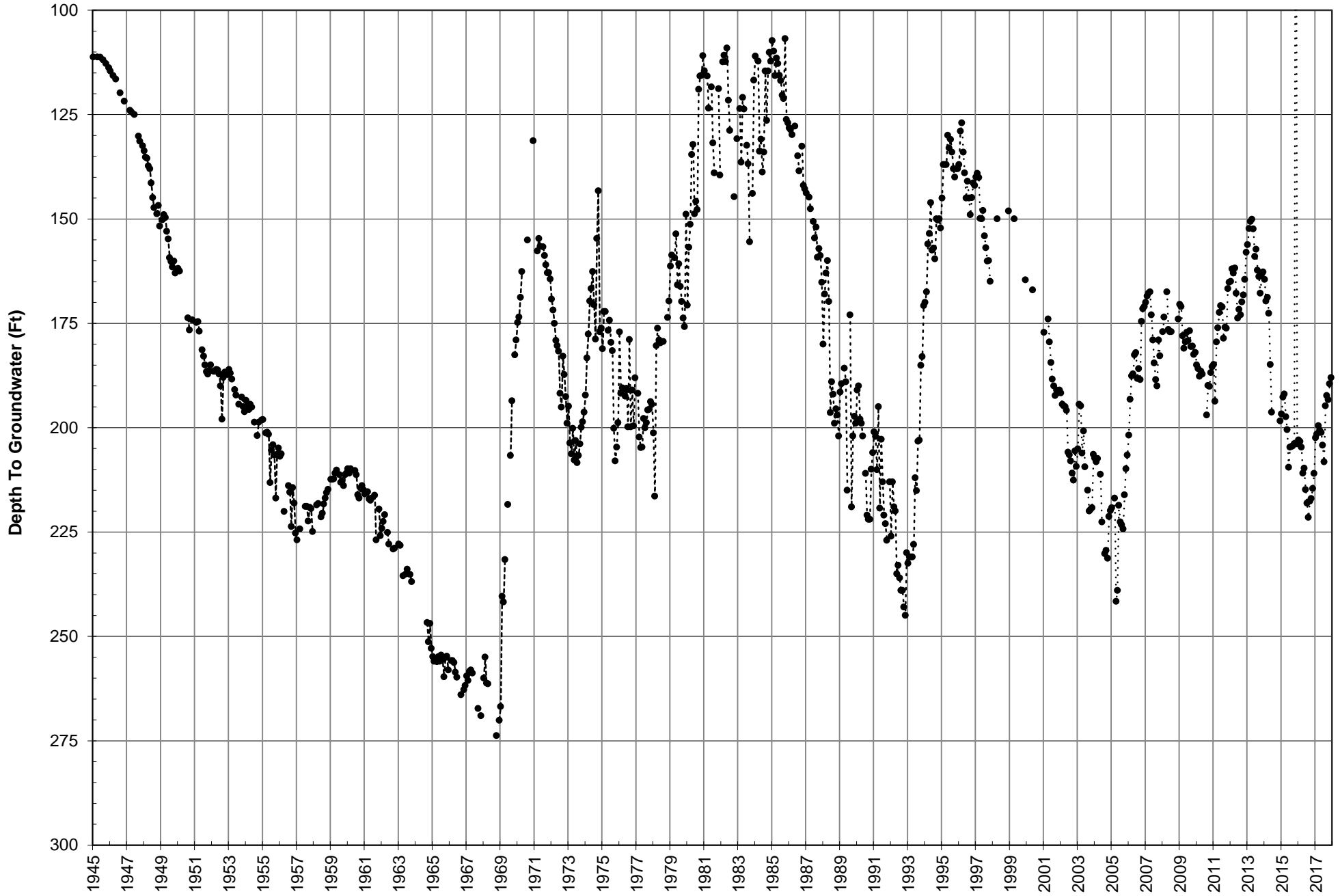
City of San Bernardino





Newmark No. 1 Index Well Hydrograph

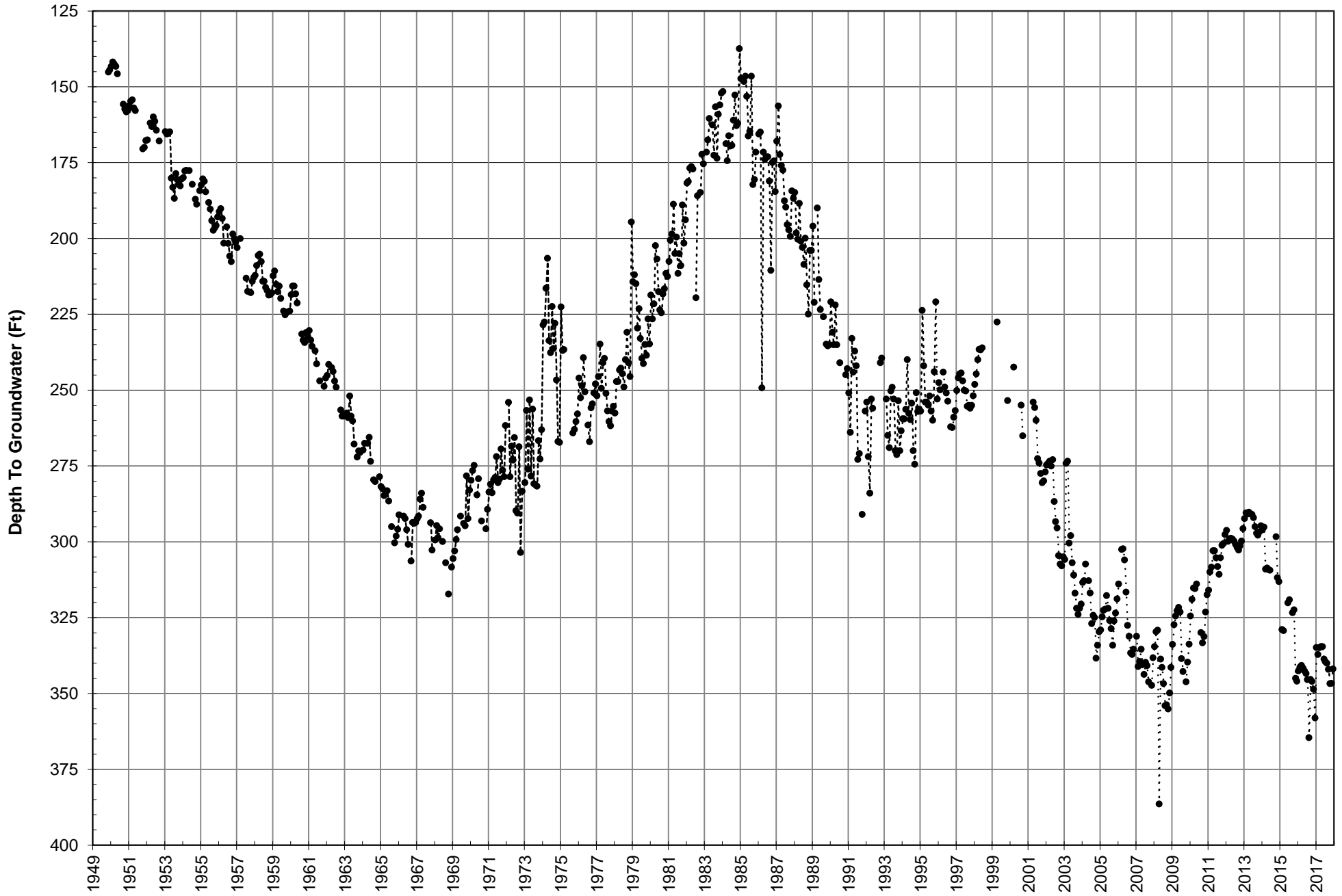
City of San Bernardino





Waterman Ave. Index Well Hydrograph

City of San Bernardino





PaperBoard Index Well Hydrograph

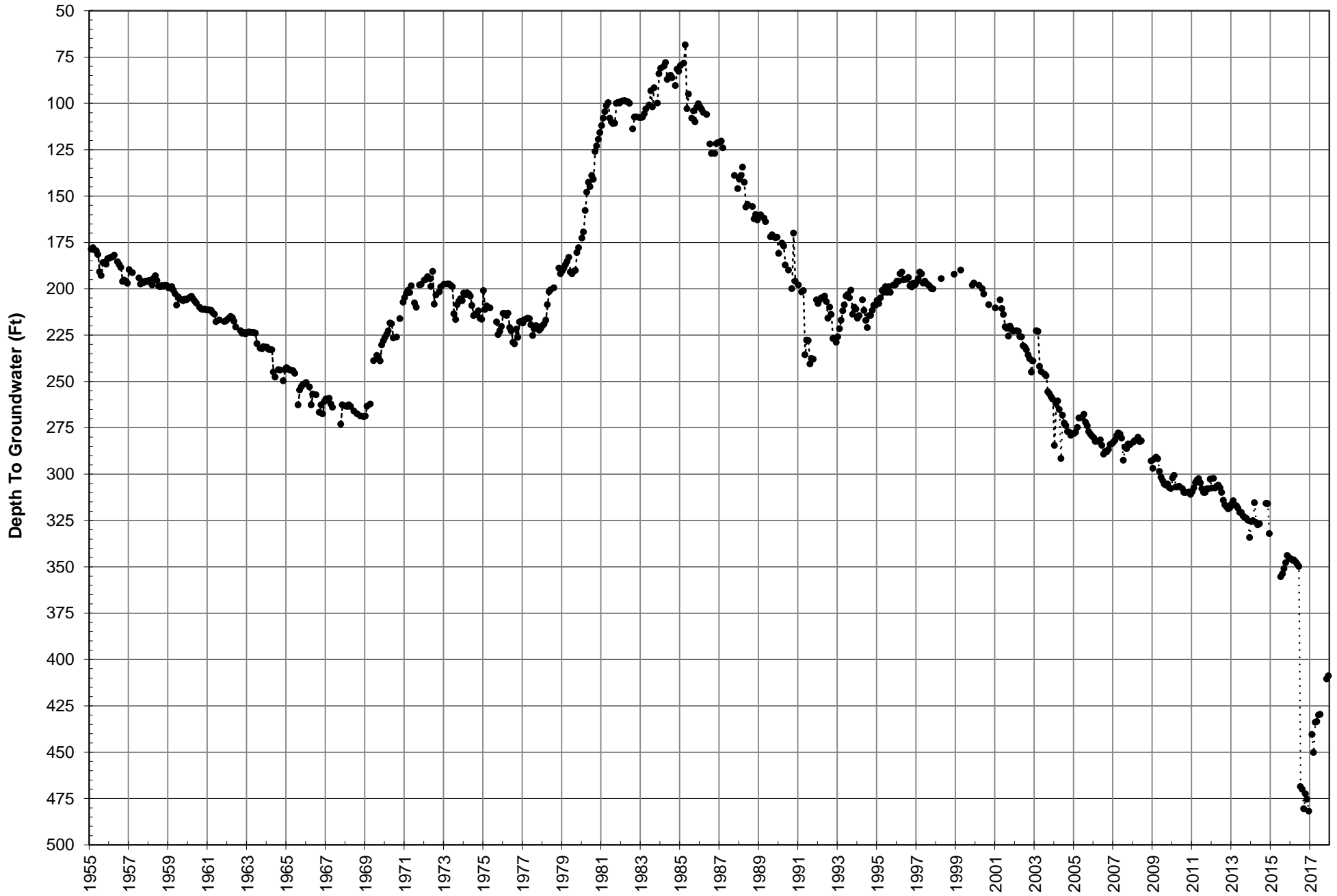
City of San Bernardino





19th St. No. 2 Index Well Hydrograph

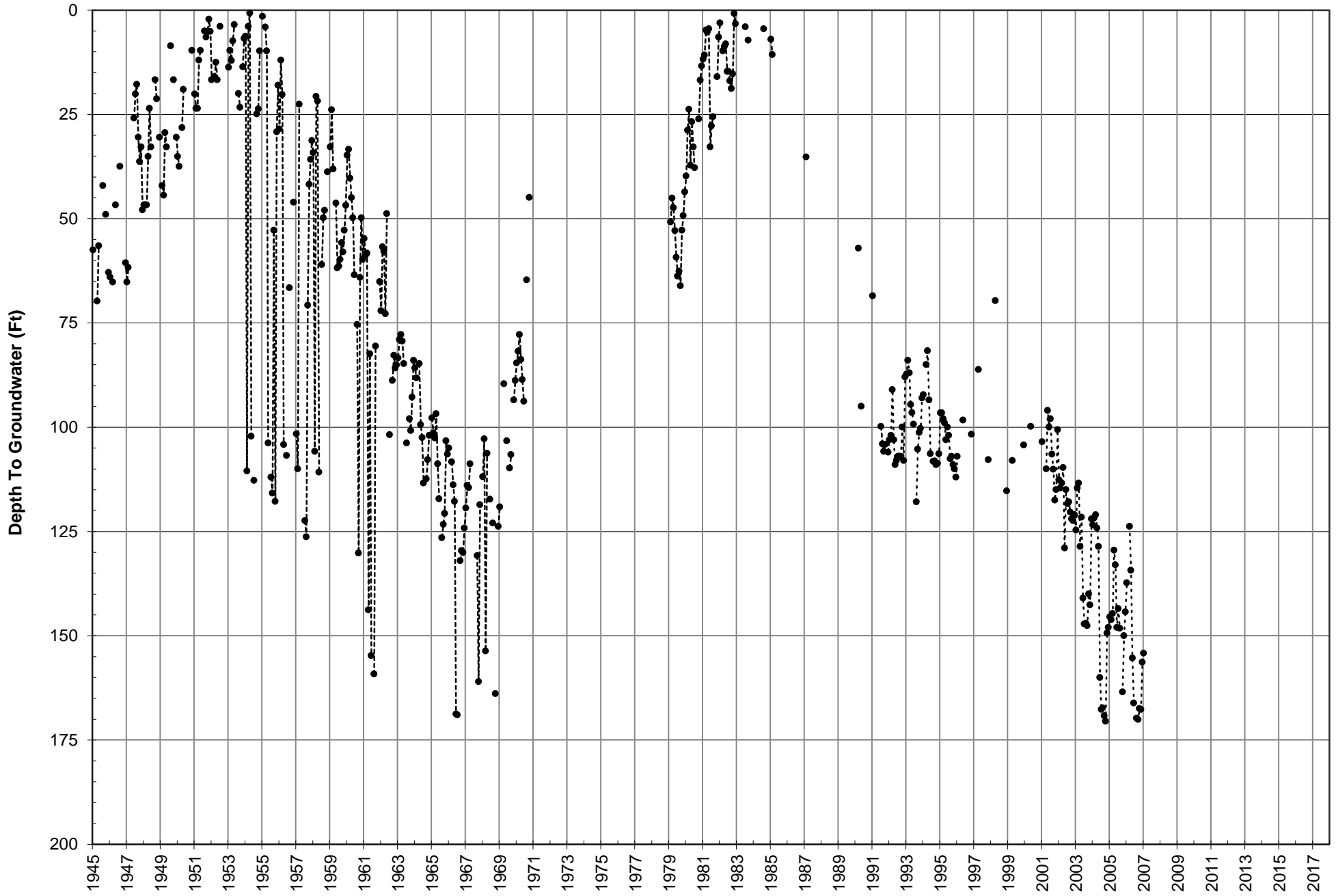
City of San Bernardino





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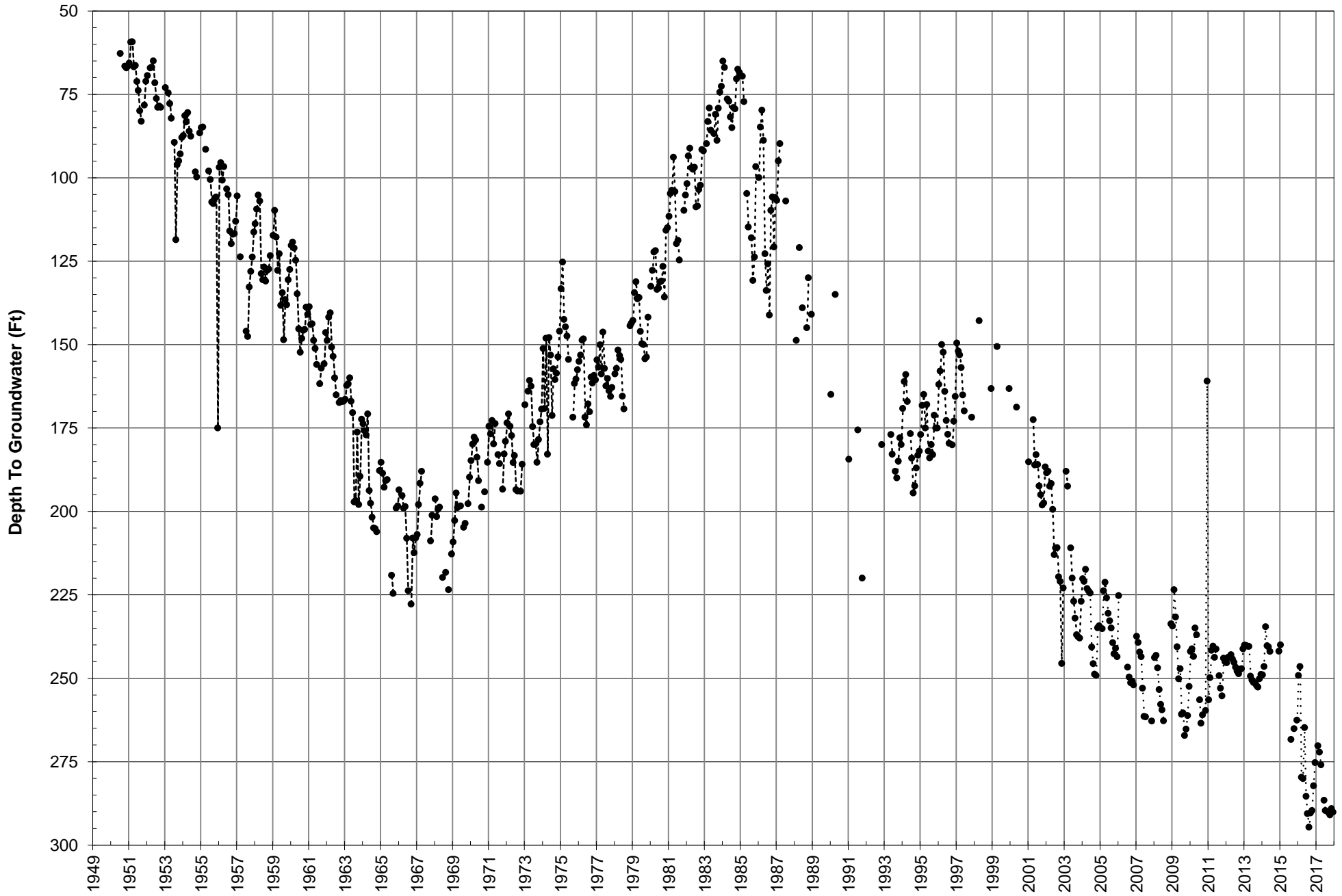
City of San Bernardino





16th St. Index Well Hydrograph

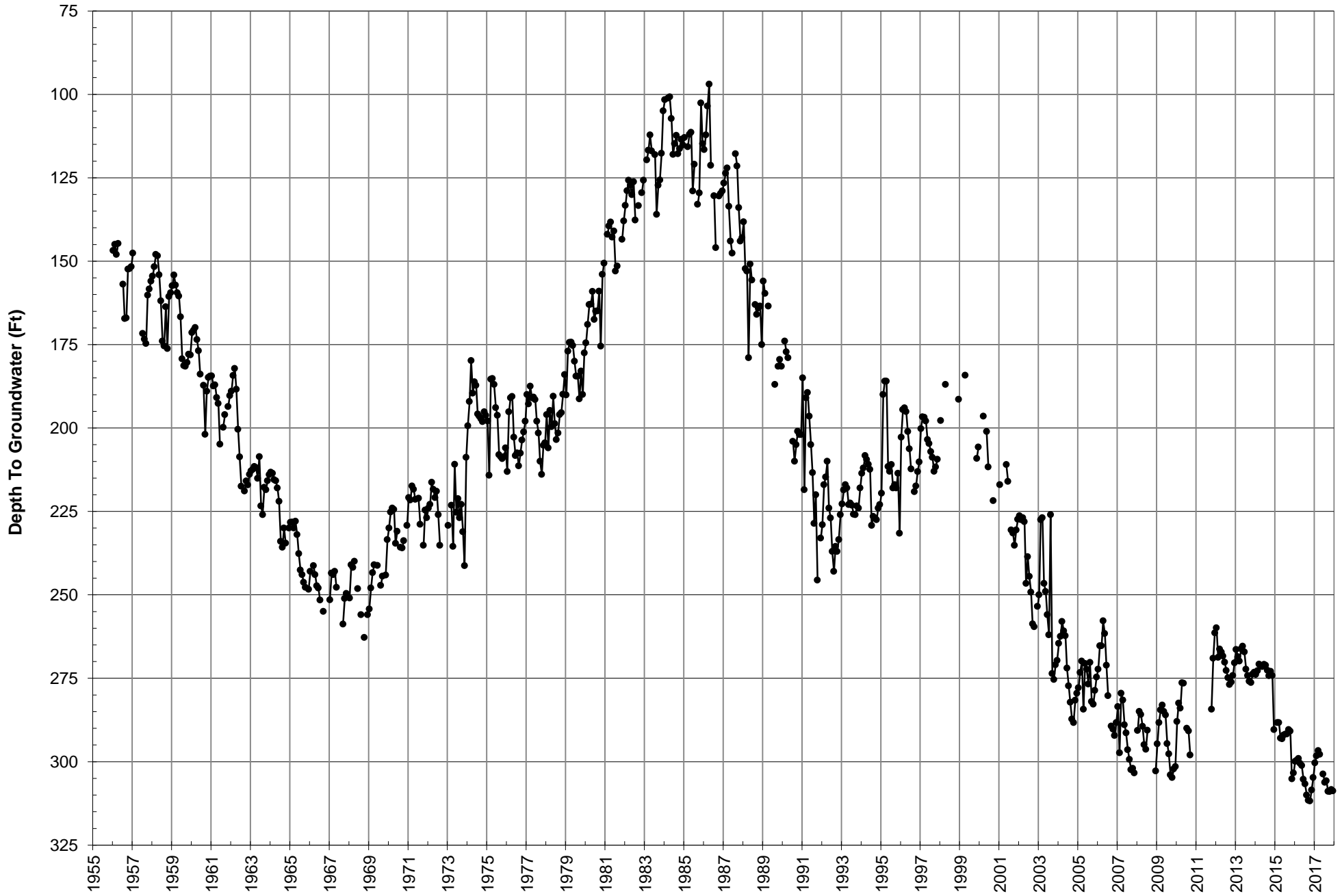
City of San Bernardino





27th St. Index Well Hydrograph

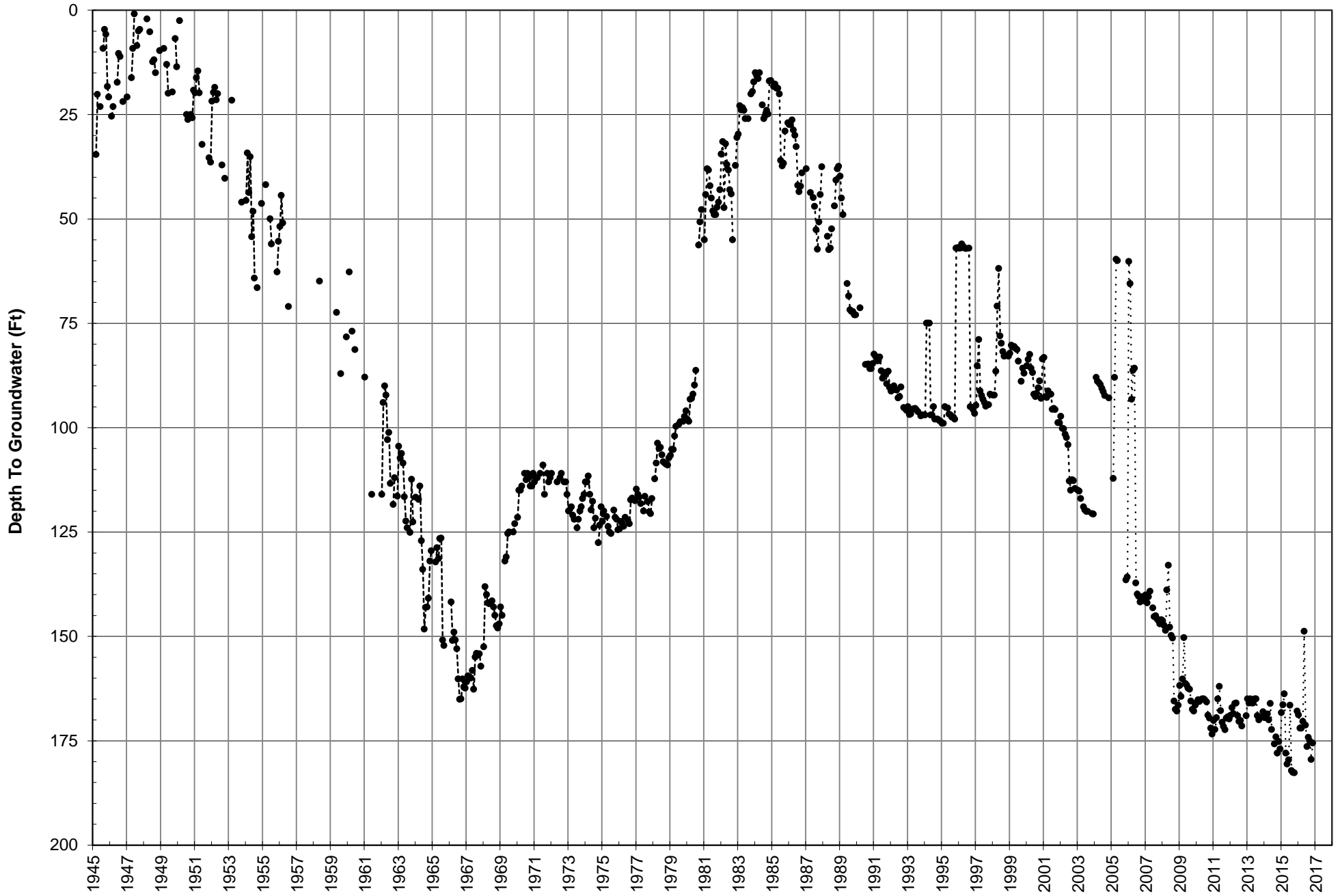
City of San Bernardino





Plant No. 6 Index Well Hydrograph

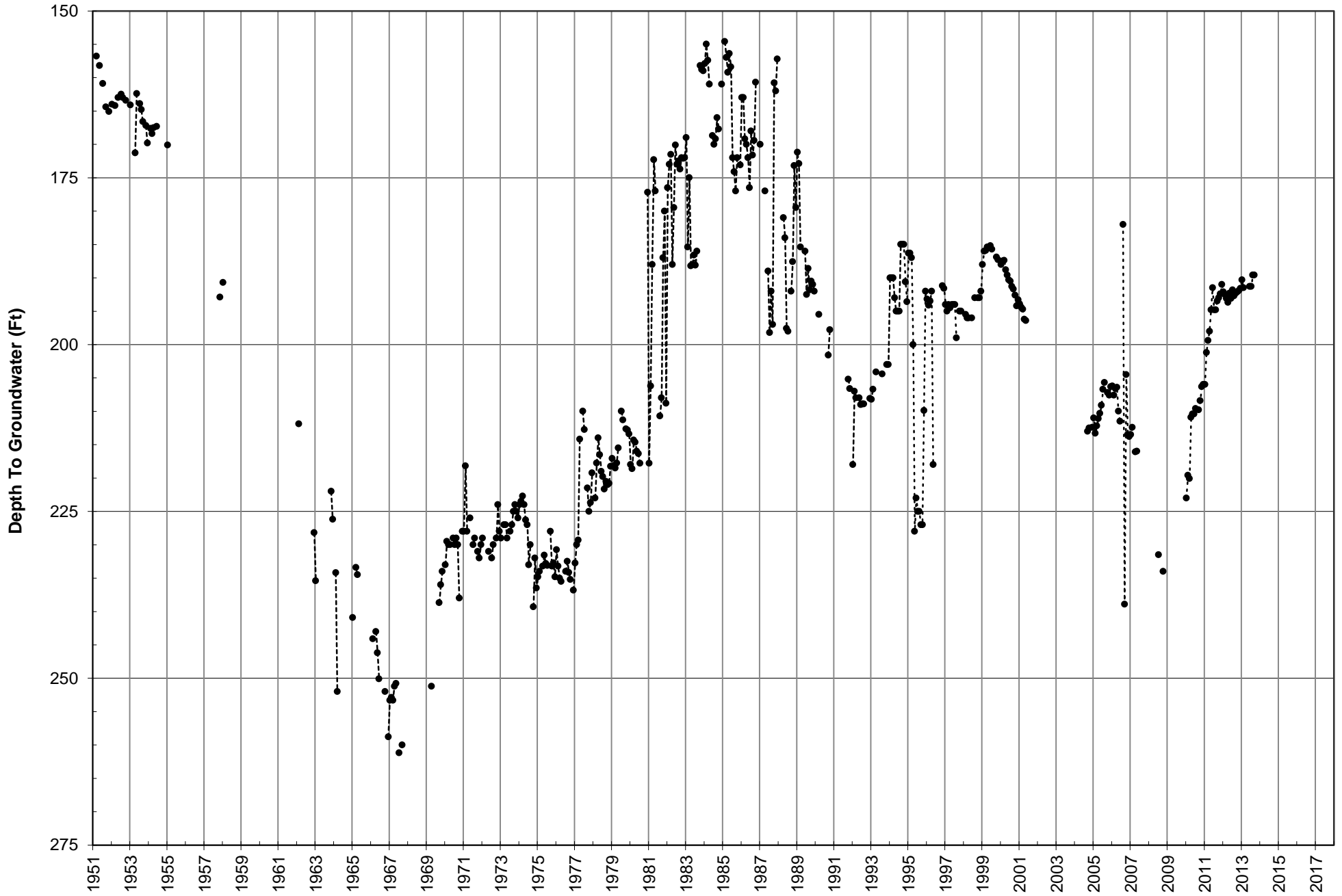
East Valley Water District





Plant No. 27 Index Well Hydrograph

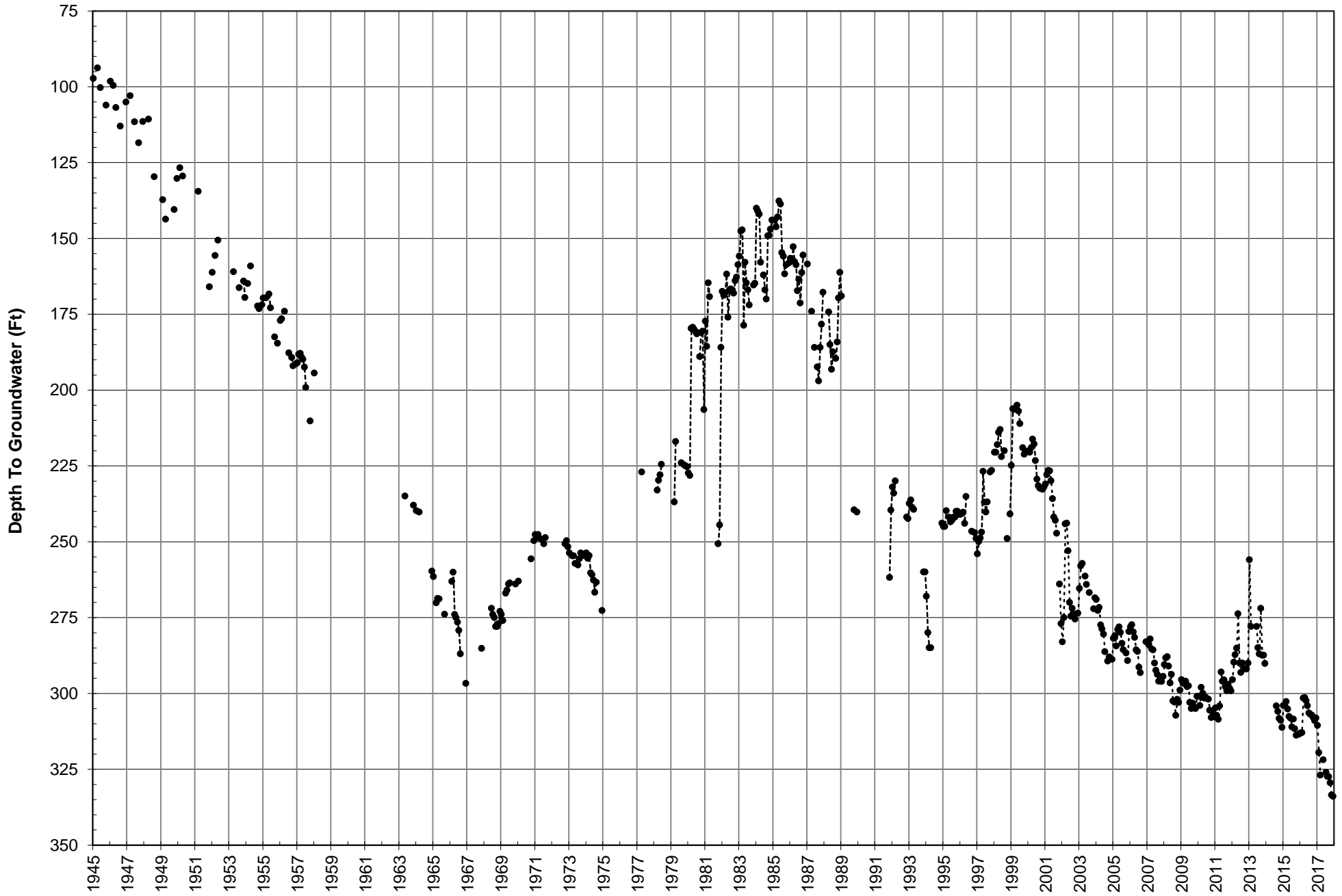
East Valley Water District





Plant No. 41 Index Well Hydrograph

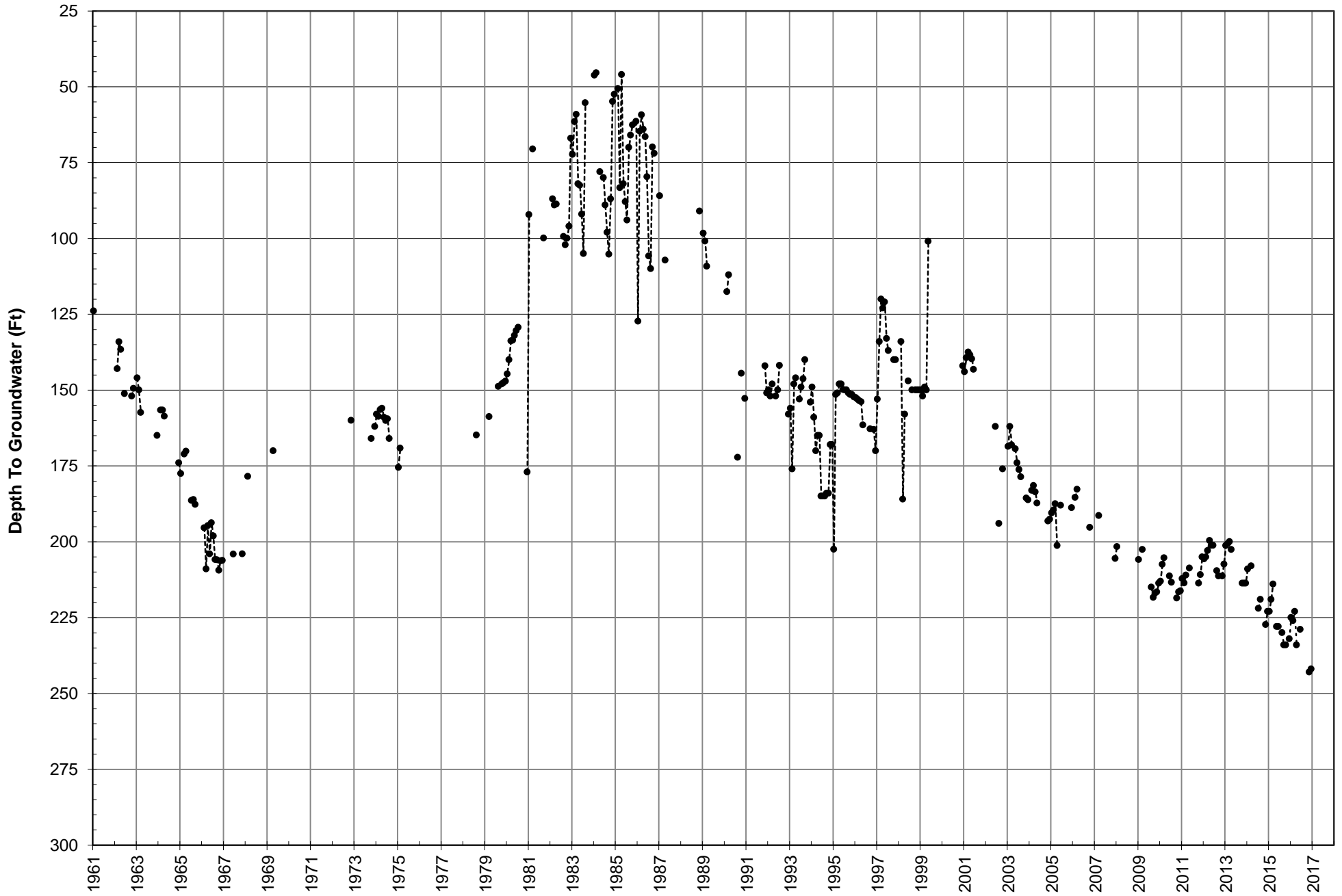
East Valley Water District





Plant No. 9A Index Well Hydrograph

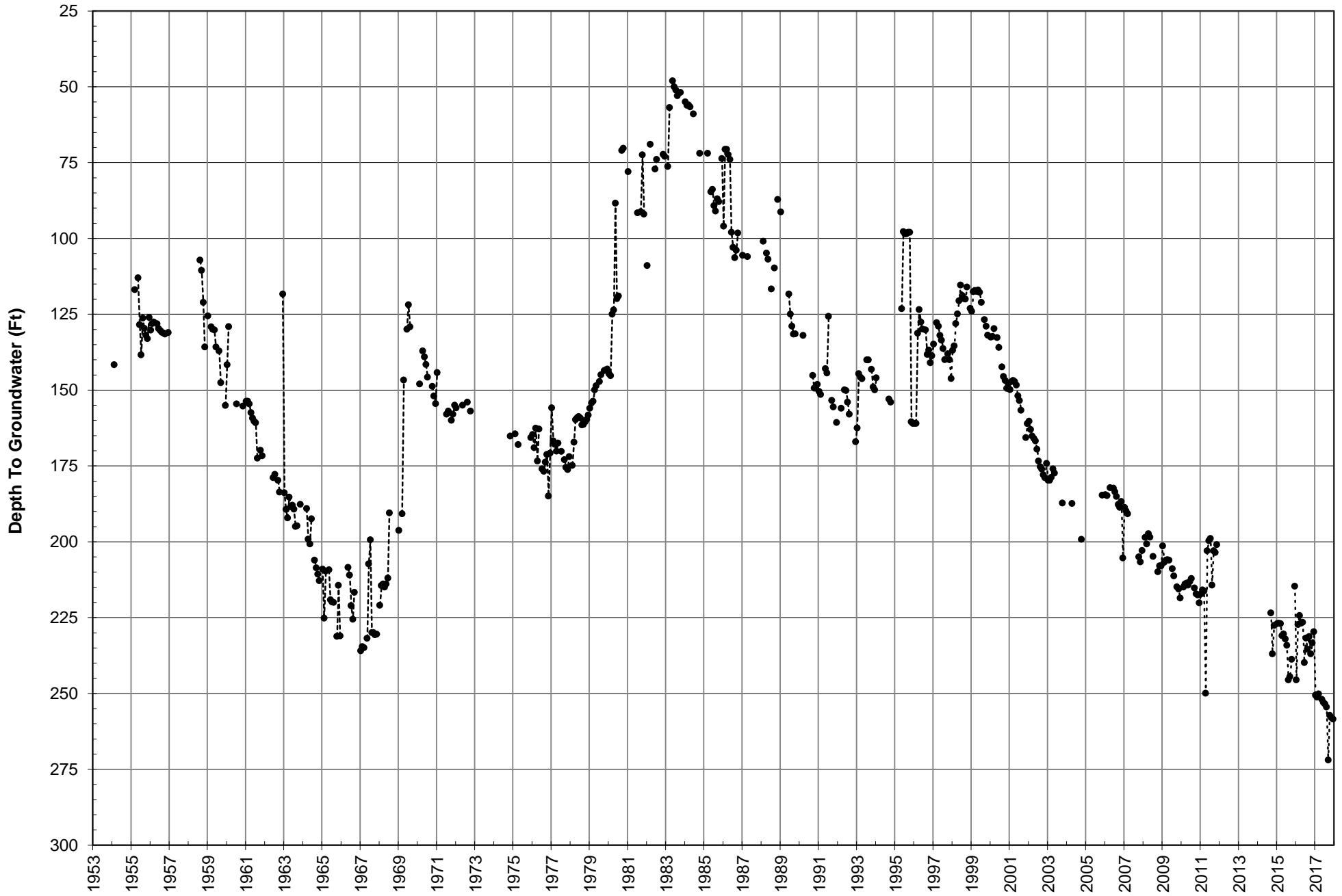
East Valley Water District





Tri City Index Well Hydrograph

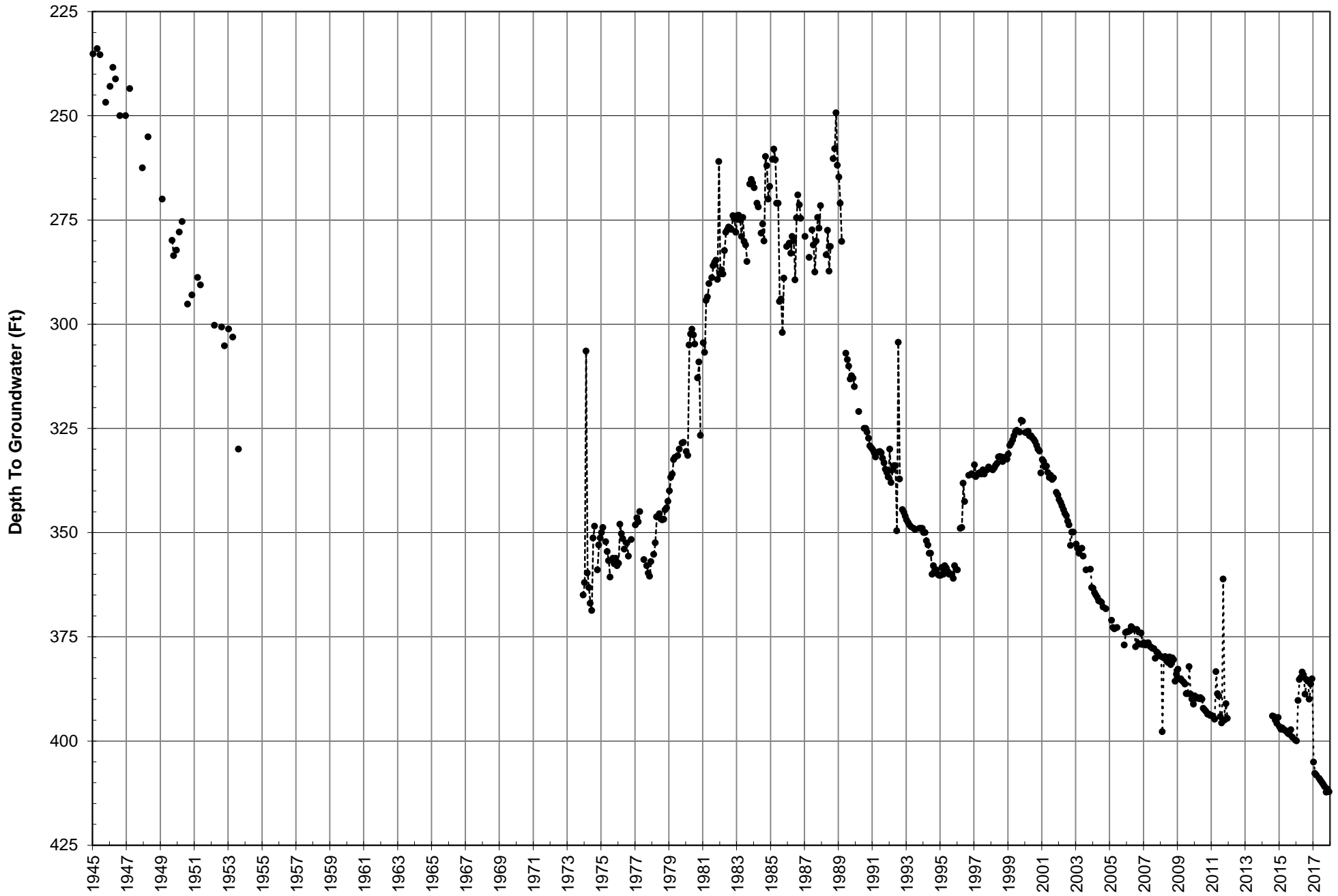
East Valley Water District





Plant No. 94 Index Well Hydrograph

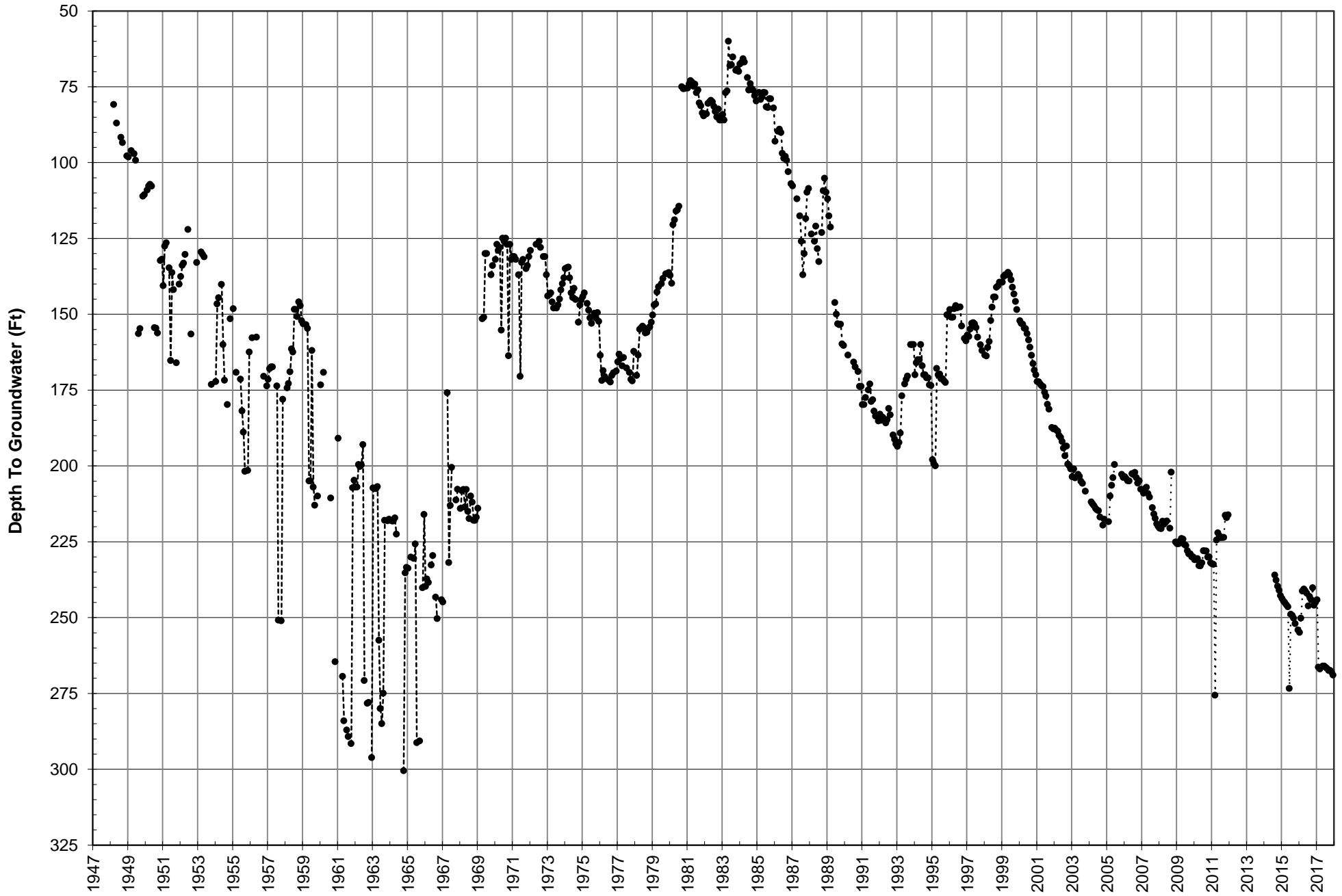
East Valley Water District





Plant No. 102 Index Well Hydrograph

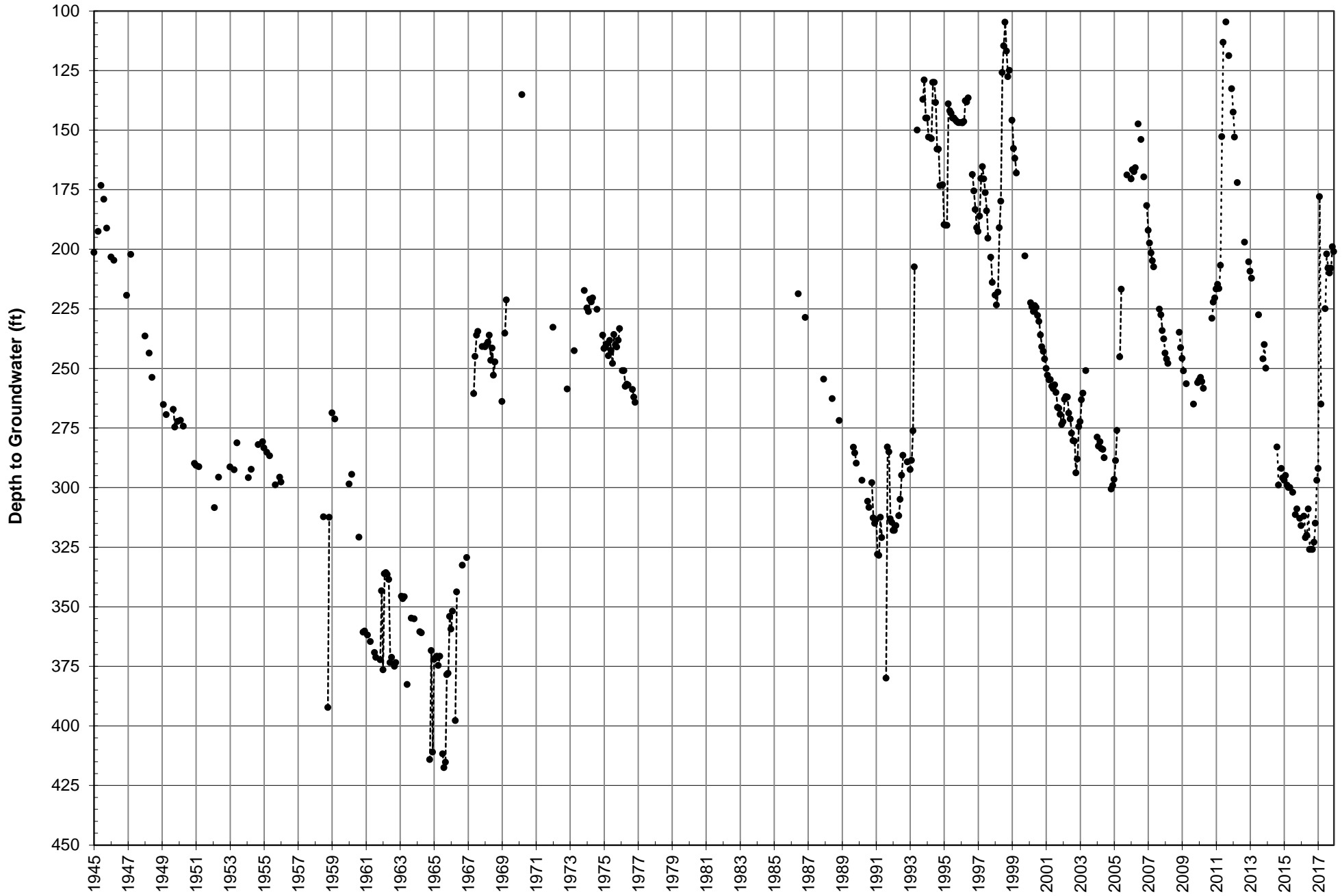
East Valley Water District





Plant No. 142 Index Well Hydrograph

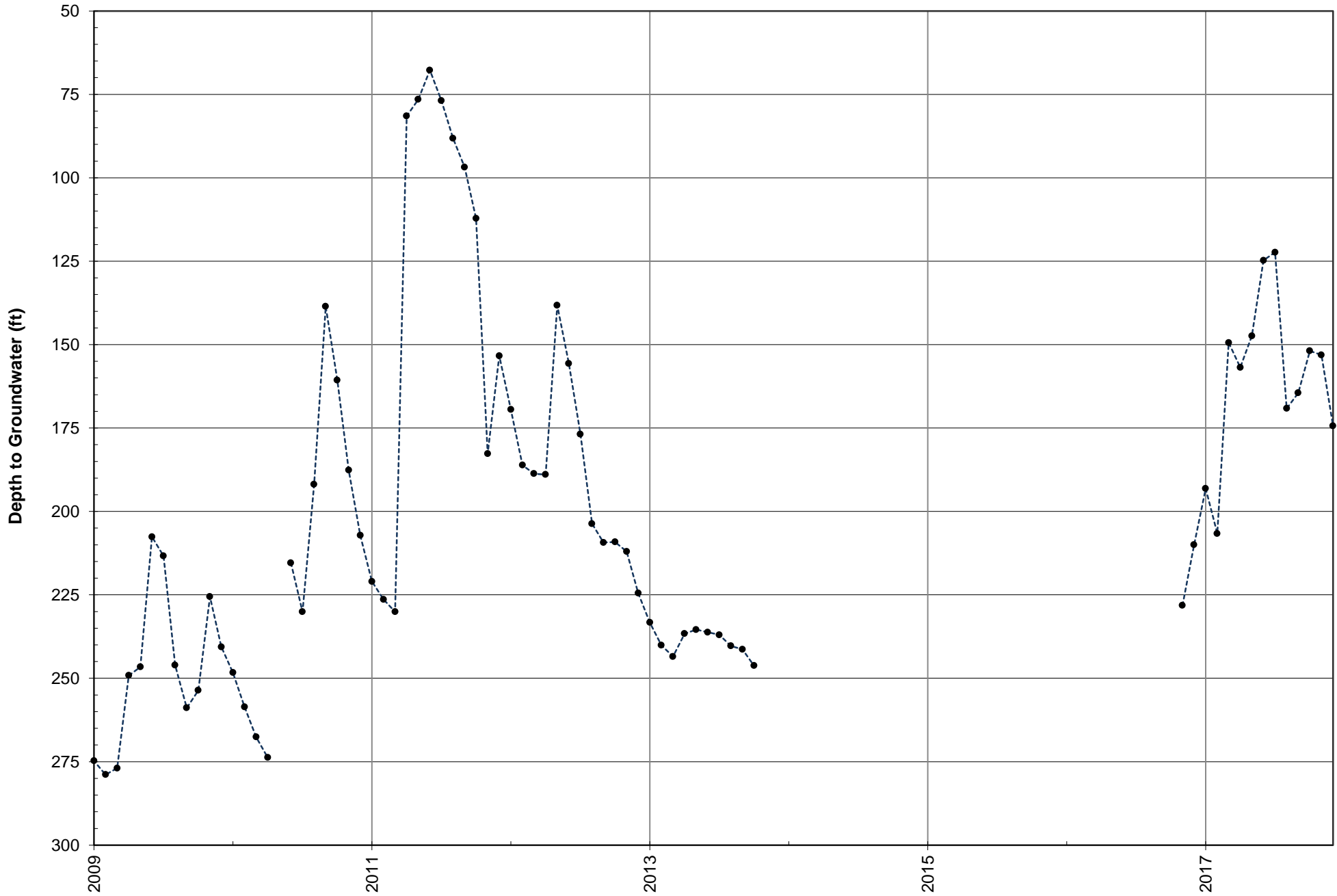
East Valley Water District





SBVWCD # 1 Index Well Hydrograph

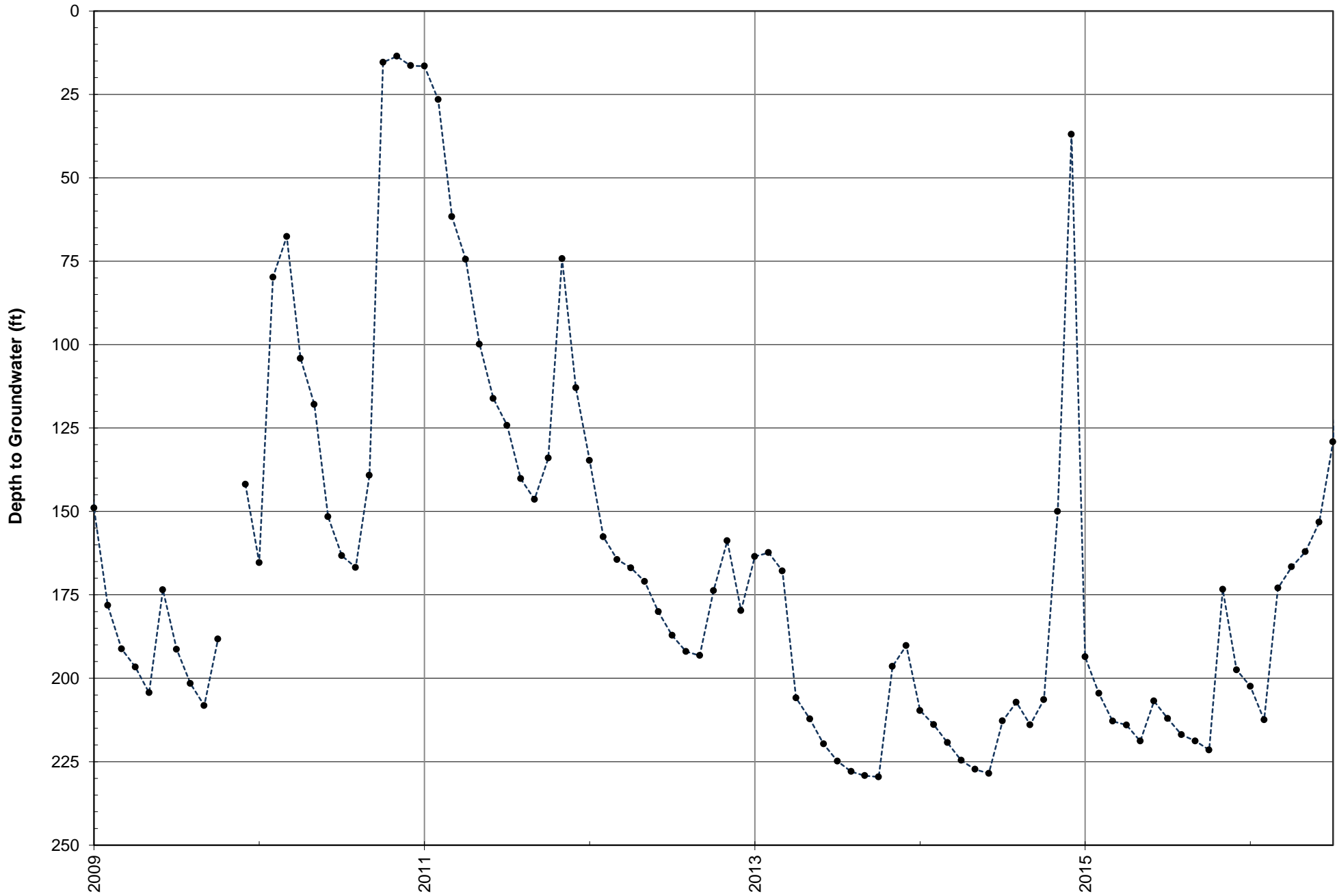
SBVWCD





SBVWCD # 2 Index Well Hydrograph

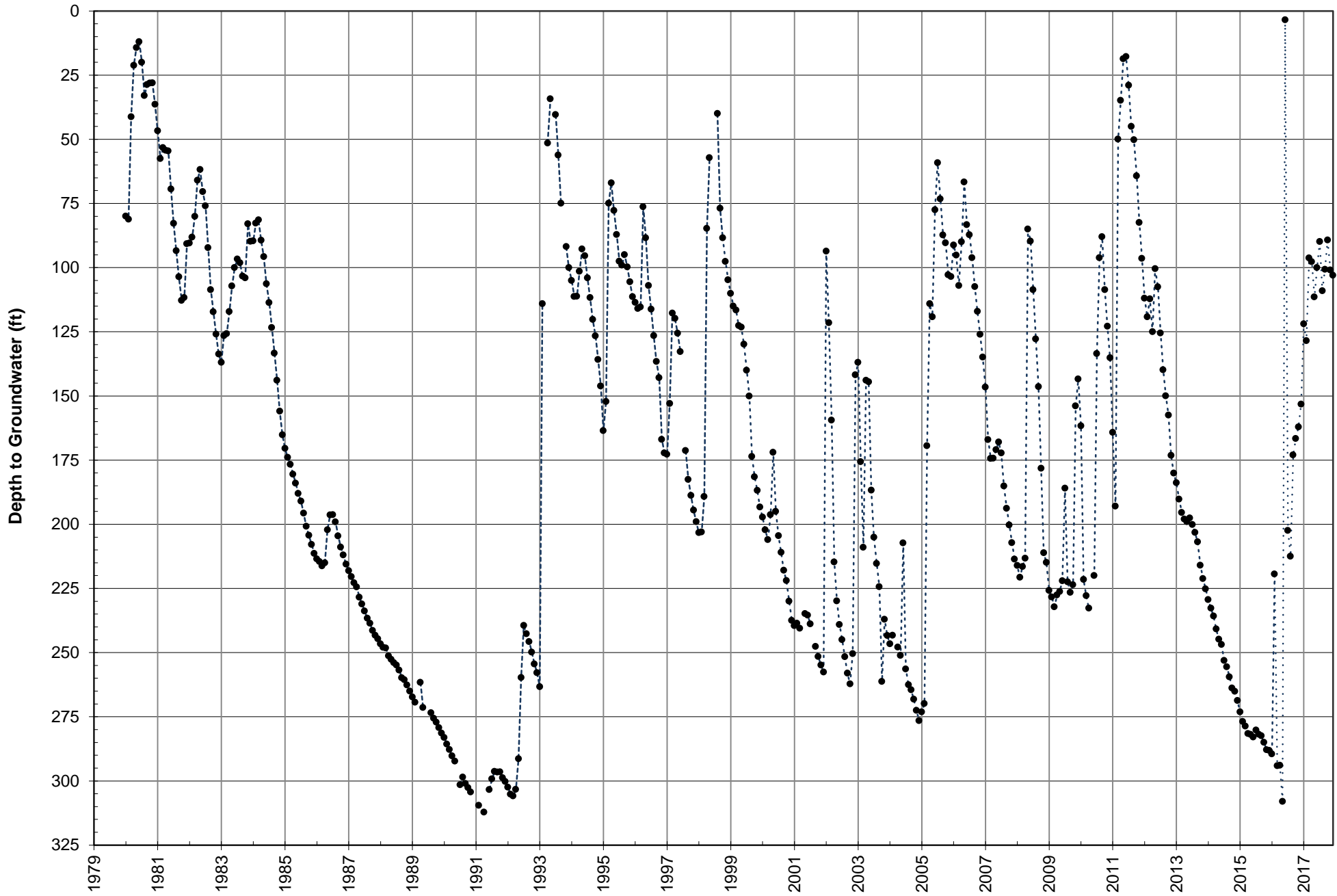
SBVWCD





SBVWCD # 3 Index Well Hydrograph

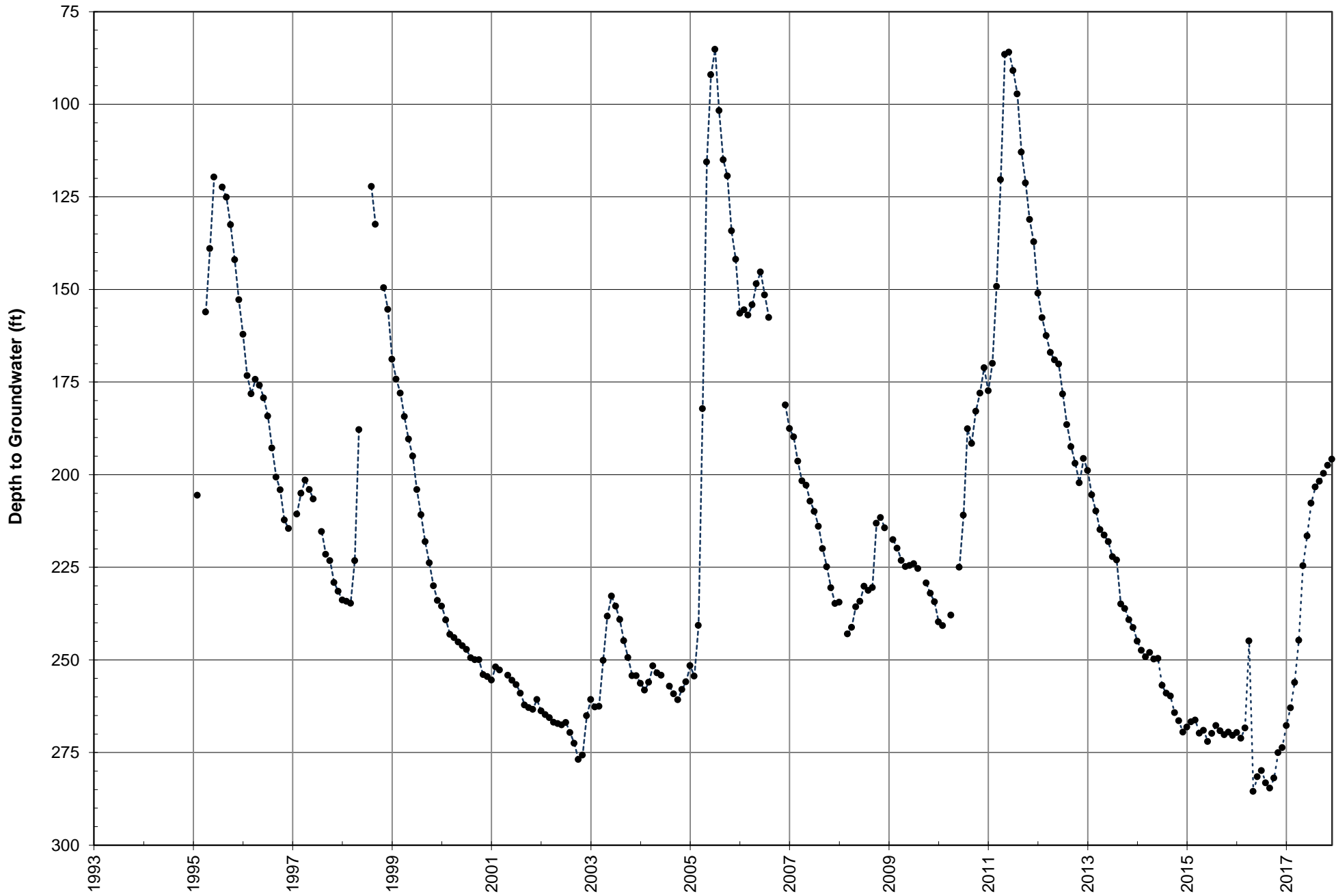
SBVWCD





MC-05 Index Well Hydrograph

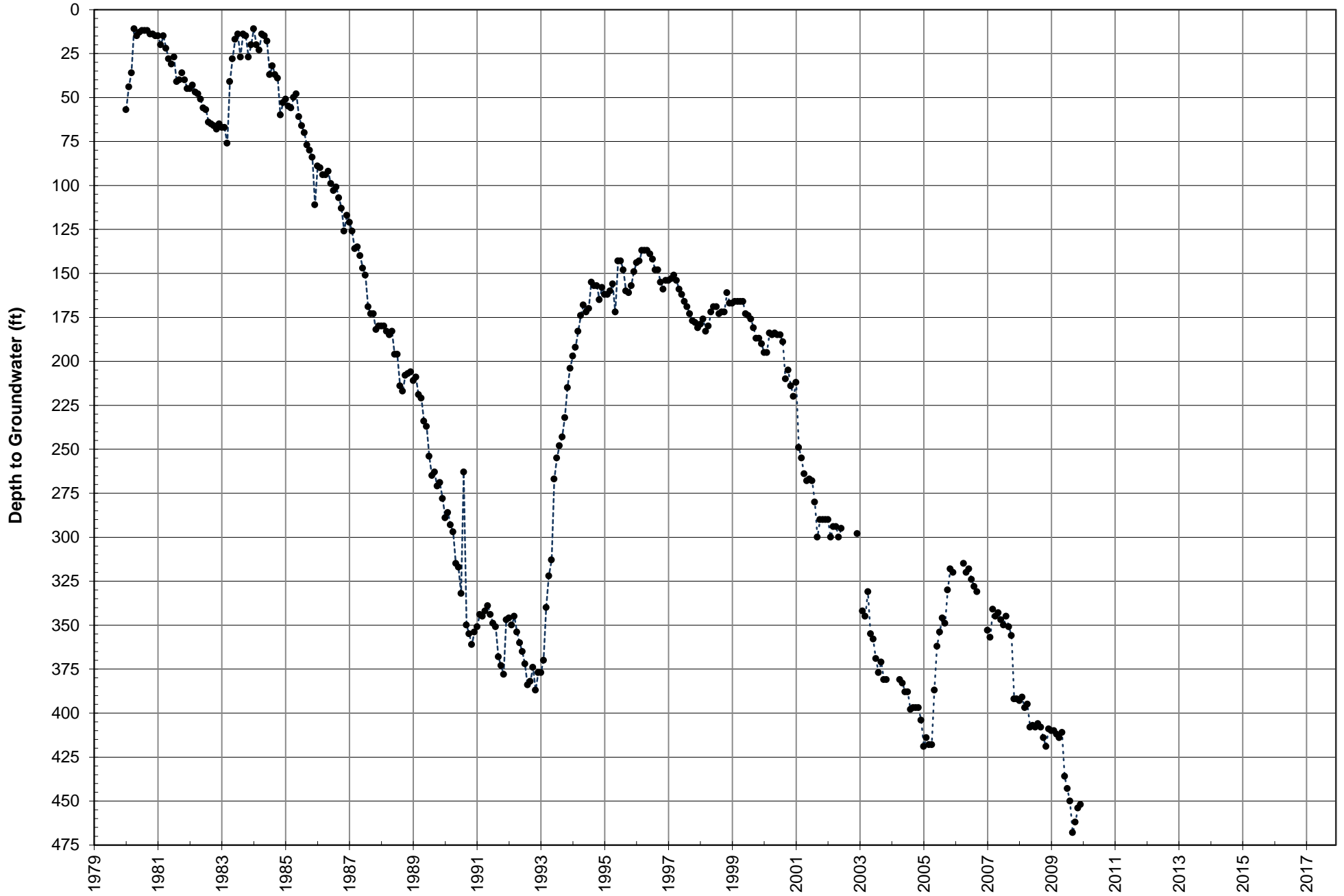
SBVWCD





No. 8 Index Well Hydrograph

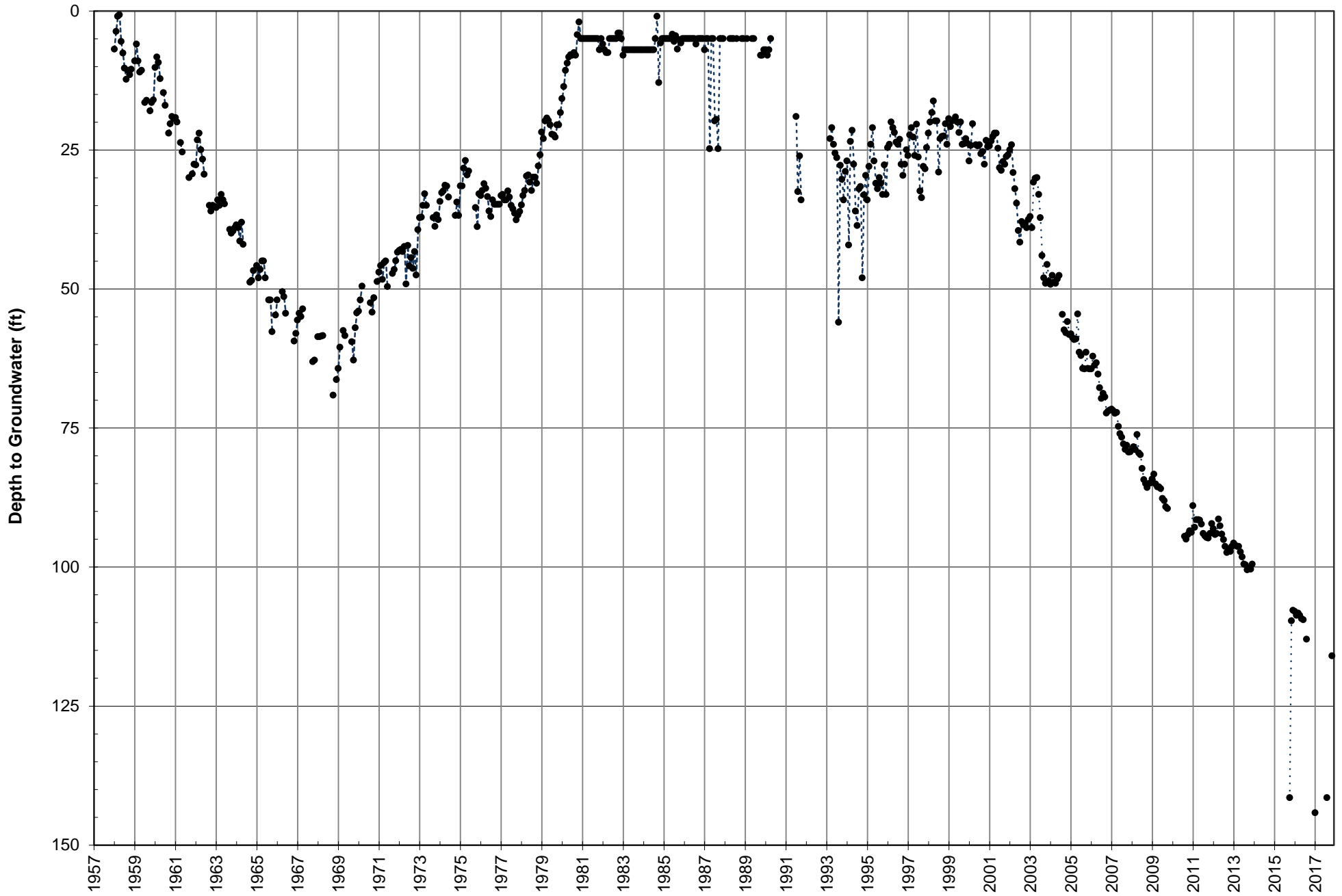
WVWD





Mill & D Index Well Hydrograph

SBMWD



Engineering Investigation of the Bunker Hill Basin 2016-2017

Appendix C



Production Values
(Acre-Feet)

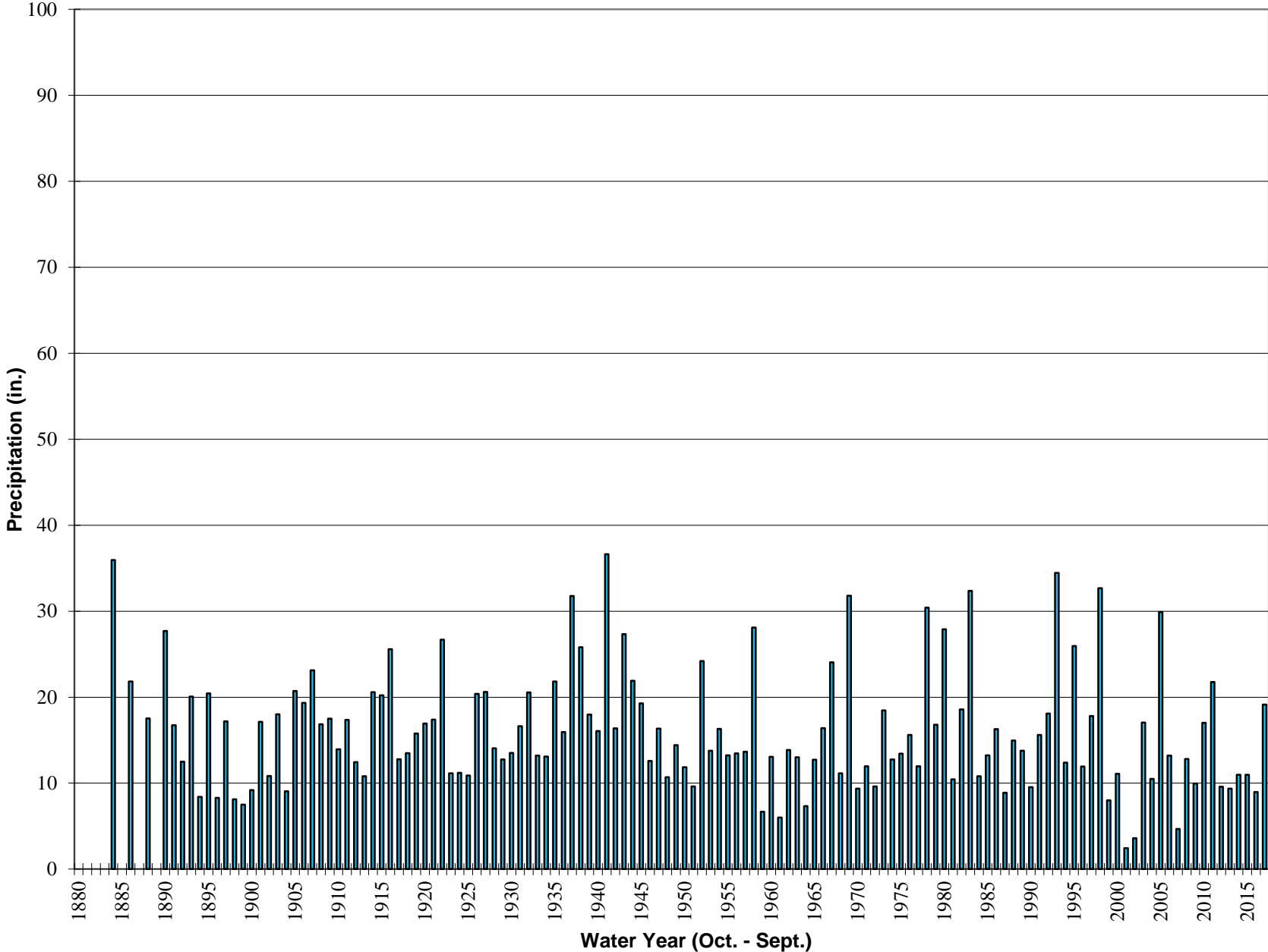
Well Name	Agency	Recordation Number	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	SBVWCD Wells	Subbasin Name	AGG or Non AGG
33	West Valley Water District	3603465	0.43	0.31	0.24	0.08	0.44	1.77	0.46	0.47	0.84	0.58	0.34	0.35			
36	West Valley Water District	3603055	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
42	West Valley Water District	3603772	194.70	207.15	179.70	148.63	55.80	23.11	9.65	0.00	0.00	20.56	63.71	100.85			
54	West Valley Water District	3604014	0.00	0.82	116.58	114.55	109.02	110.00	99.36	92.80	66.88	79.66	76.02	55.65			Non-Agricultural
1A	West Valley Water District	3600307	0.06	0.06	0.04	0.15	0.08	0.23	0.33	0.43	0.34	0.76	0.13	0.00		Lytle Basin Southeast of Barrier J	Non-Agricultural
4A	West Valley Water District	WVWD4A	171.58	166.86	32.88	19.50	46.74	113.91	21.15	43.55	110.42	153.03	106.72	167.02		Lytle Basin Southeast of Barrier J	Non-Agricultural
5A	West Valley Water District	3605001	8.28	18.46	7.82	3.40	0.12	0.36	0.23	3.80	17.09	1.93	1.95	33.88		Bunker Hill I Southwest of 215 Freeway	Non-Agricultural
8A	West Valley Water District	3603778	0.60	0.35	0.19	0.43	0.90	0.96	1.99	2.47	0.35	0.35	0.82	0.40		Lytle Basin Southeast of Barrier J	Non-Agricultural
EC-N	West Valley Water District		308.82	296.24	266.82	155.82	246.19	176.71	121.40	197.28	355.80	344.47	364.64	253.92		Bunker Hill I Southwest of 215 Freeway	
EC-S	West Valley Water District		281.10	259.42	178.10	320.86	178.87	11.58	0.00	0.00	0.00	21.76	38.57	179.91		Pressure Zone North of Santa Ana Wash	
	Williams Well Corporation, LTD (B. Ma	3600828	33.55	33.55	33.55	33.55	33.55	33.55	24.44	24.44	24.44	24.44	24.44	24.44	Yes	Bunker Hill II West of Mentone Fault	Agricultural

Engineering Investigation of the Bunker Hill Basin 2016-2017

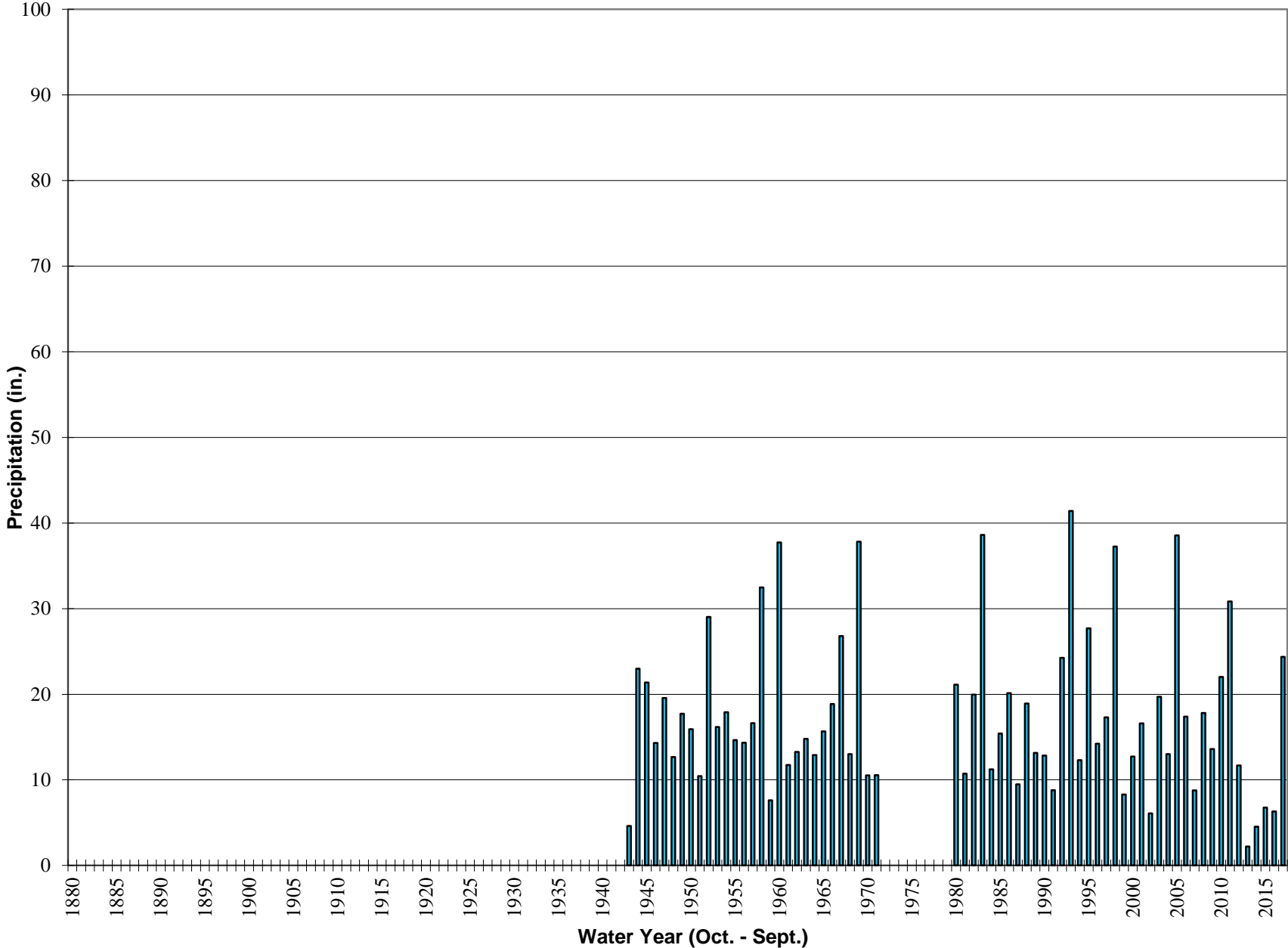
Appendix D



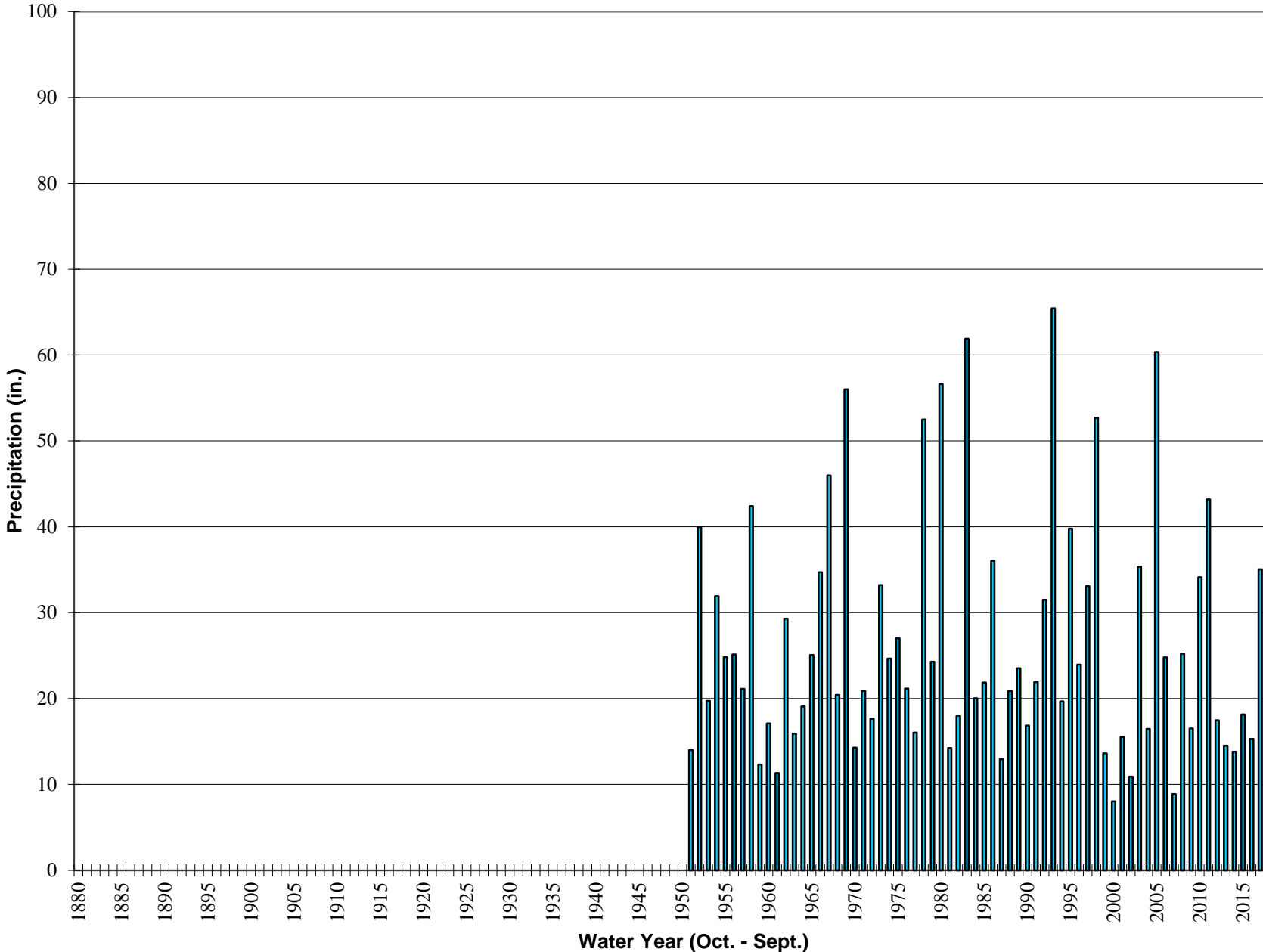
Historic Annual Precipitation SBC Hospital



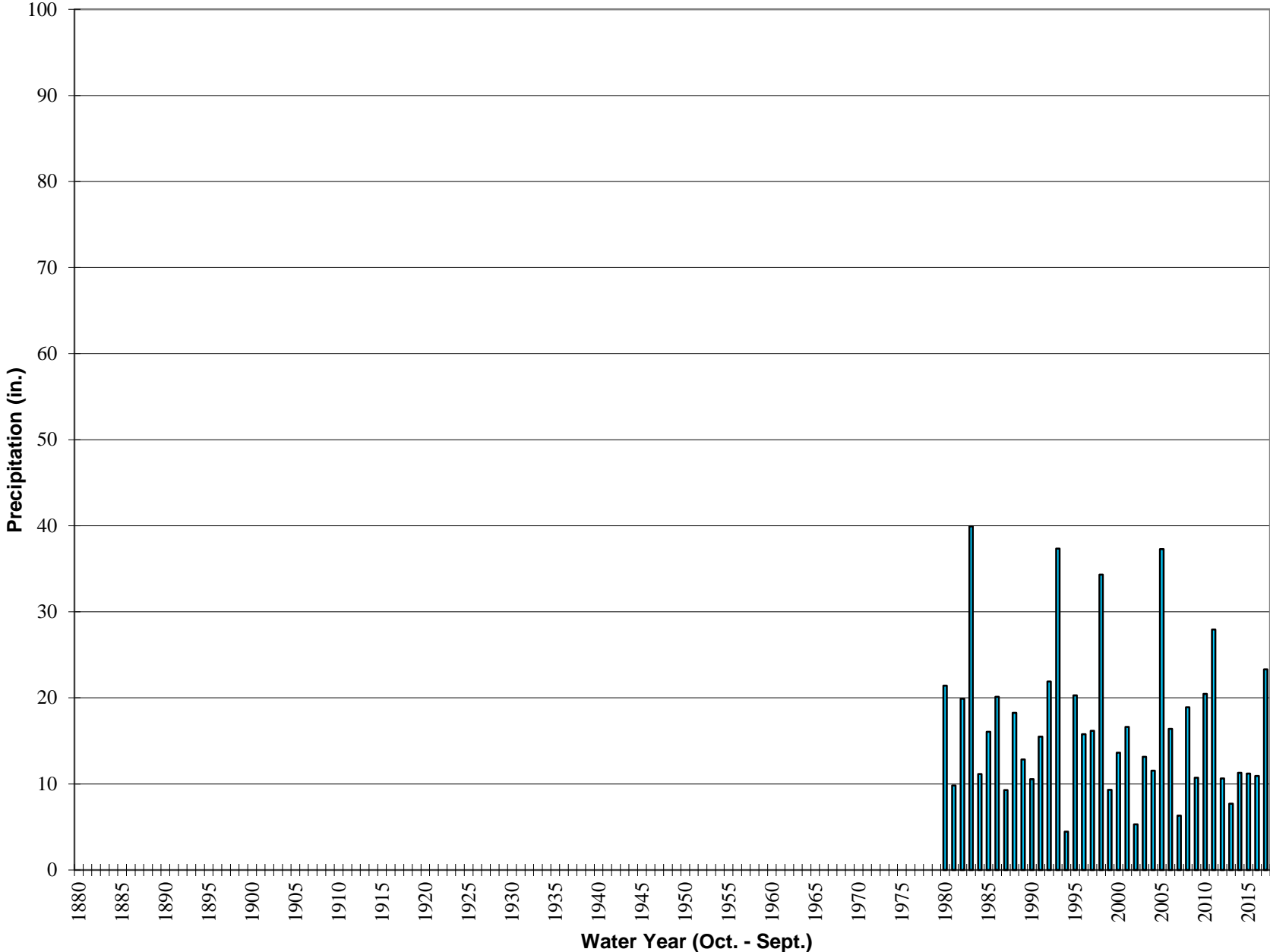
Historic Annual Precipitation Del Rosa



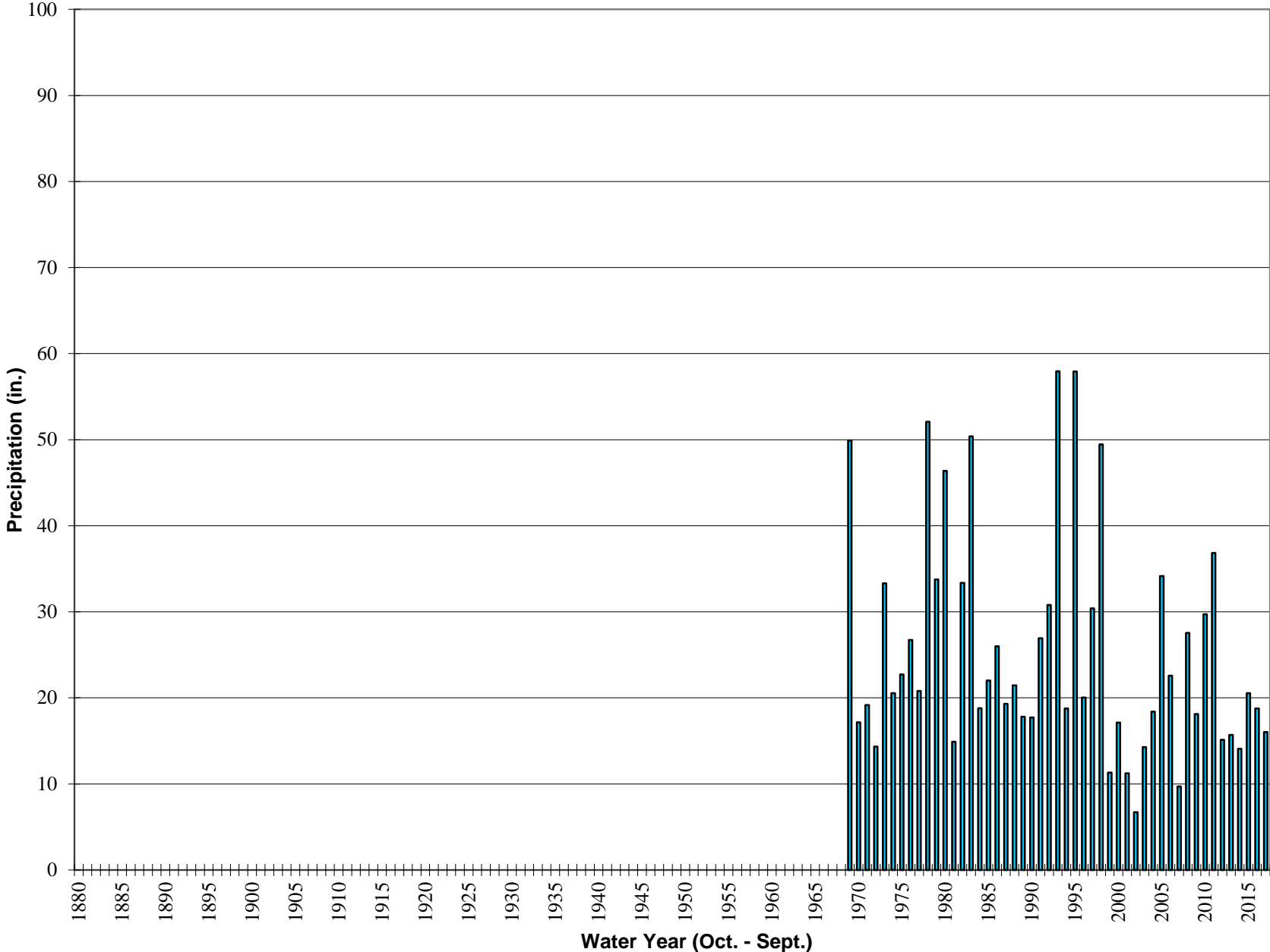
Historic Annual Precipitation Devore CDF



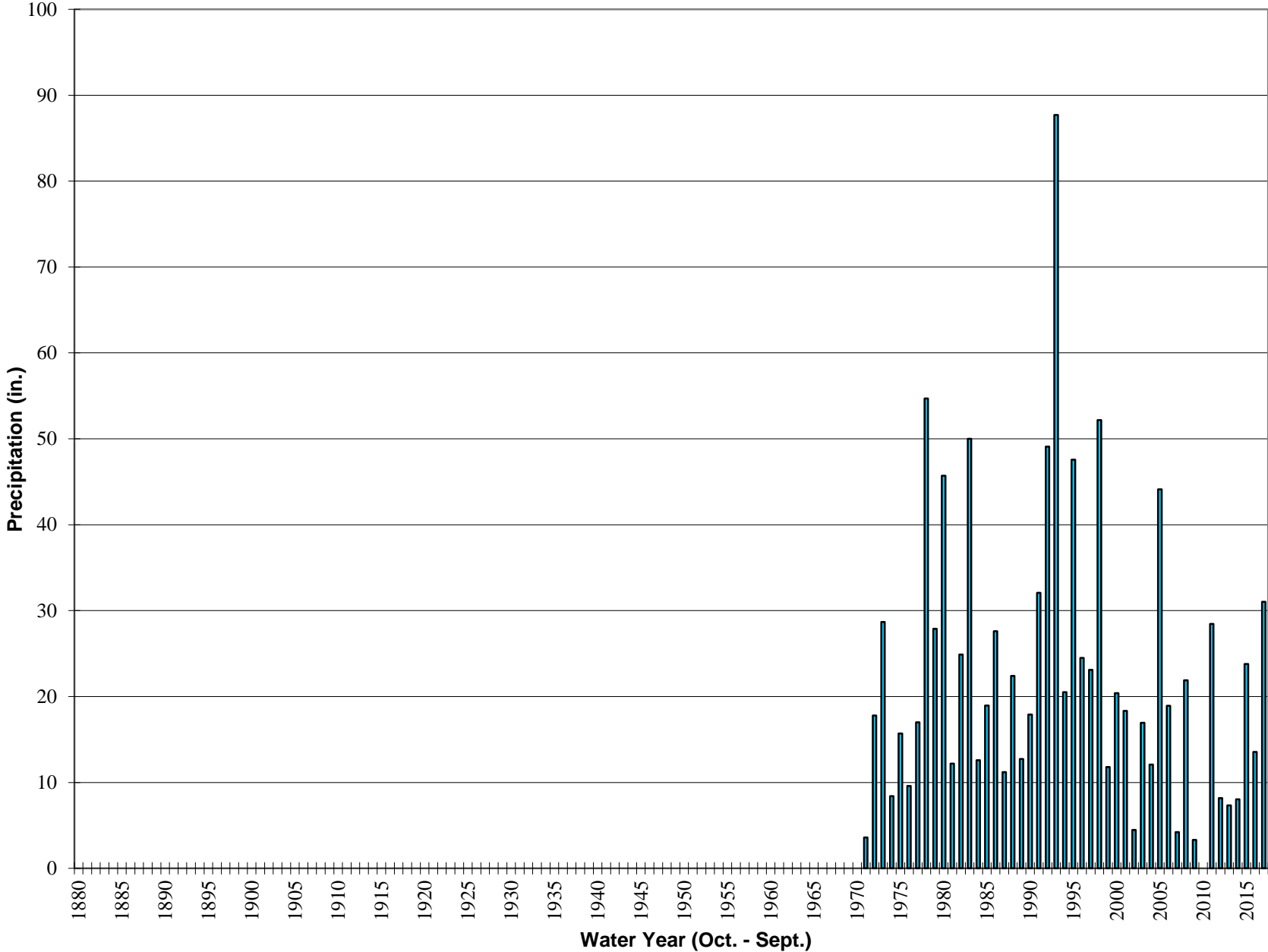
Historic Annual Precipitation SAN BERNARDINO - C.D.F.



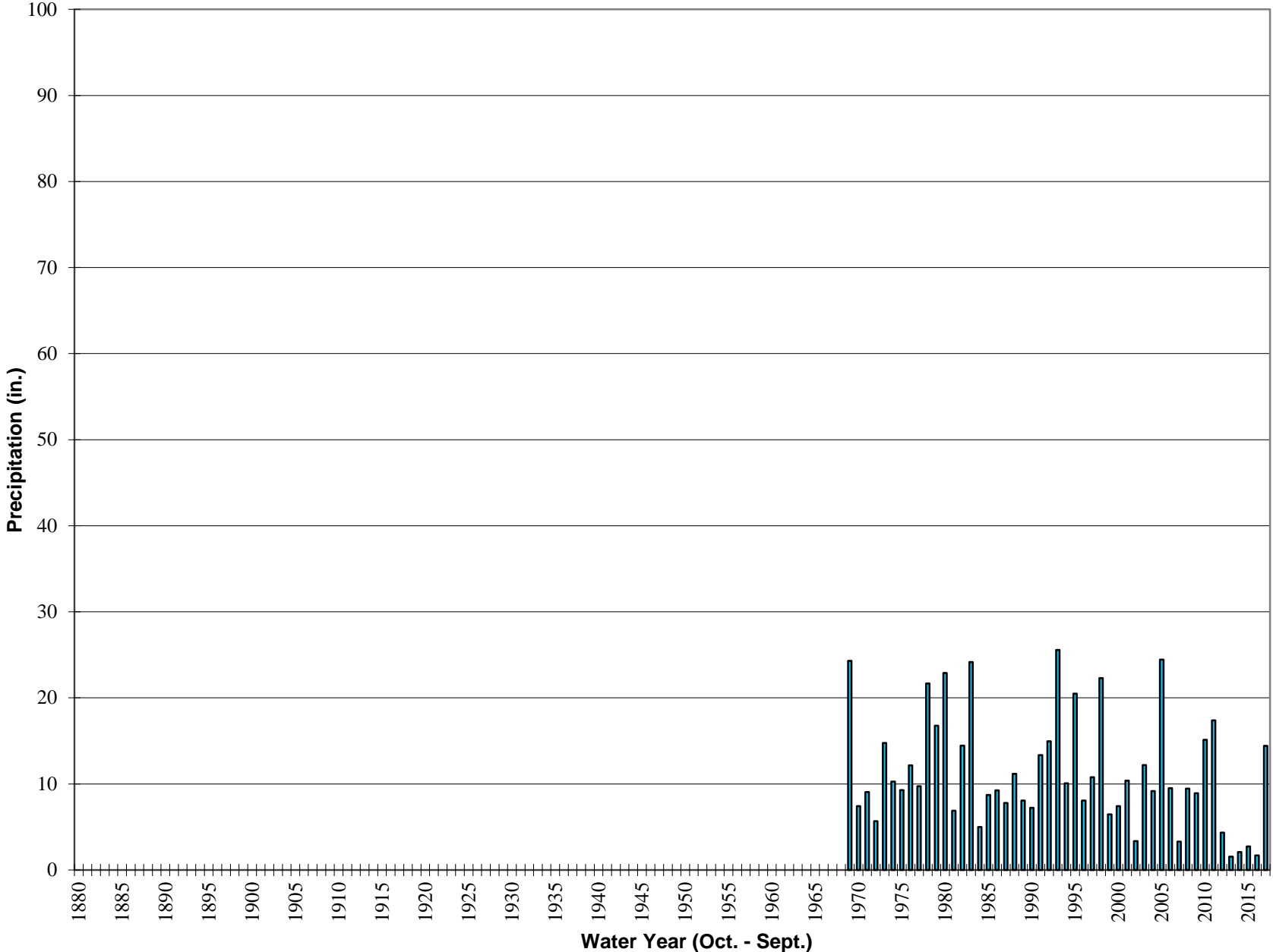
Historic Annual Precipitation Oak Glen



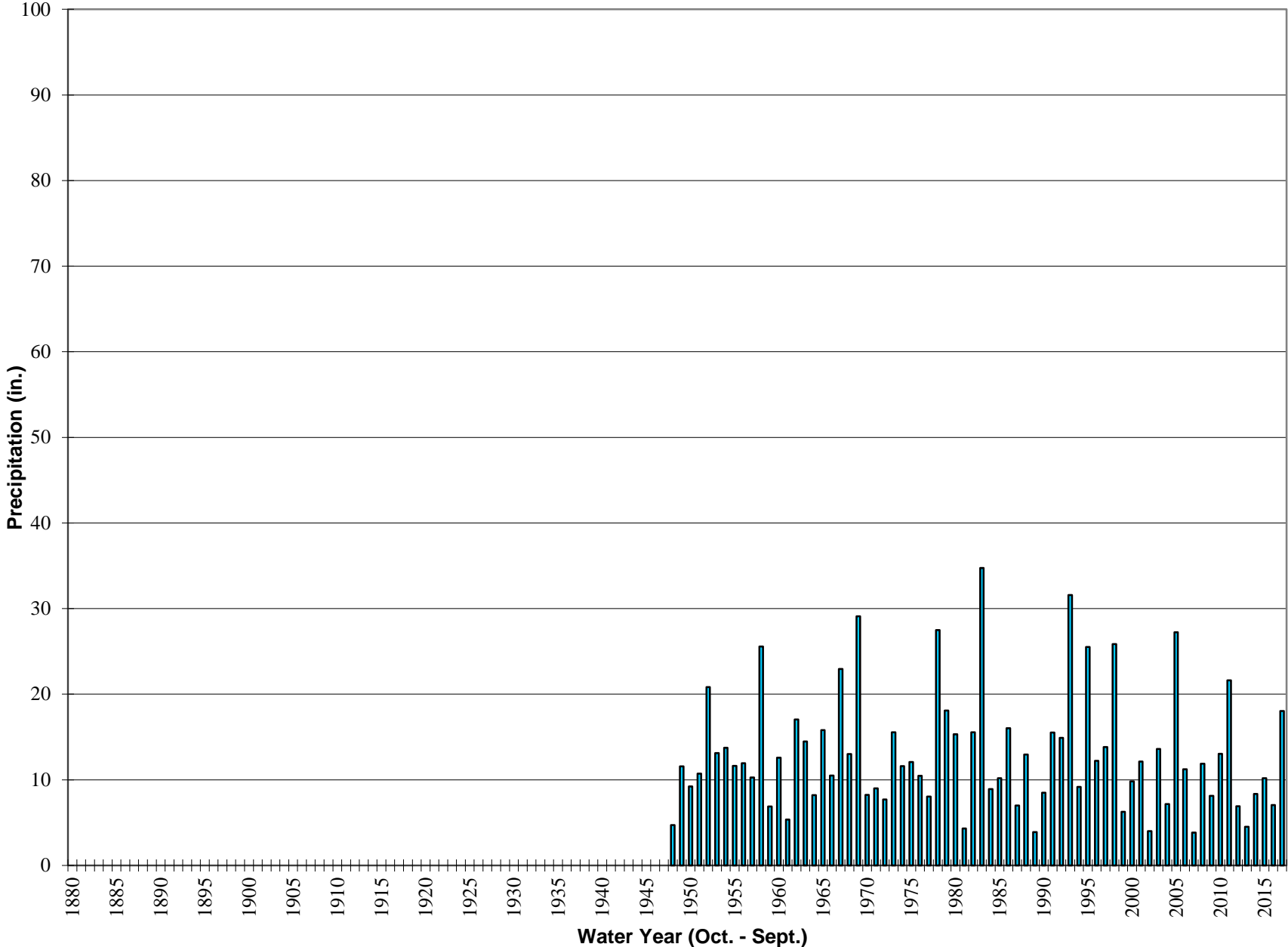
Historic Annual Precipitation LC FS



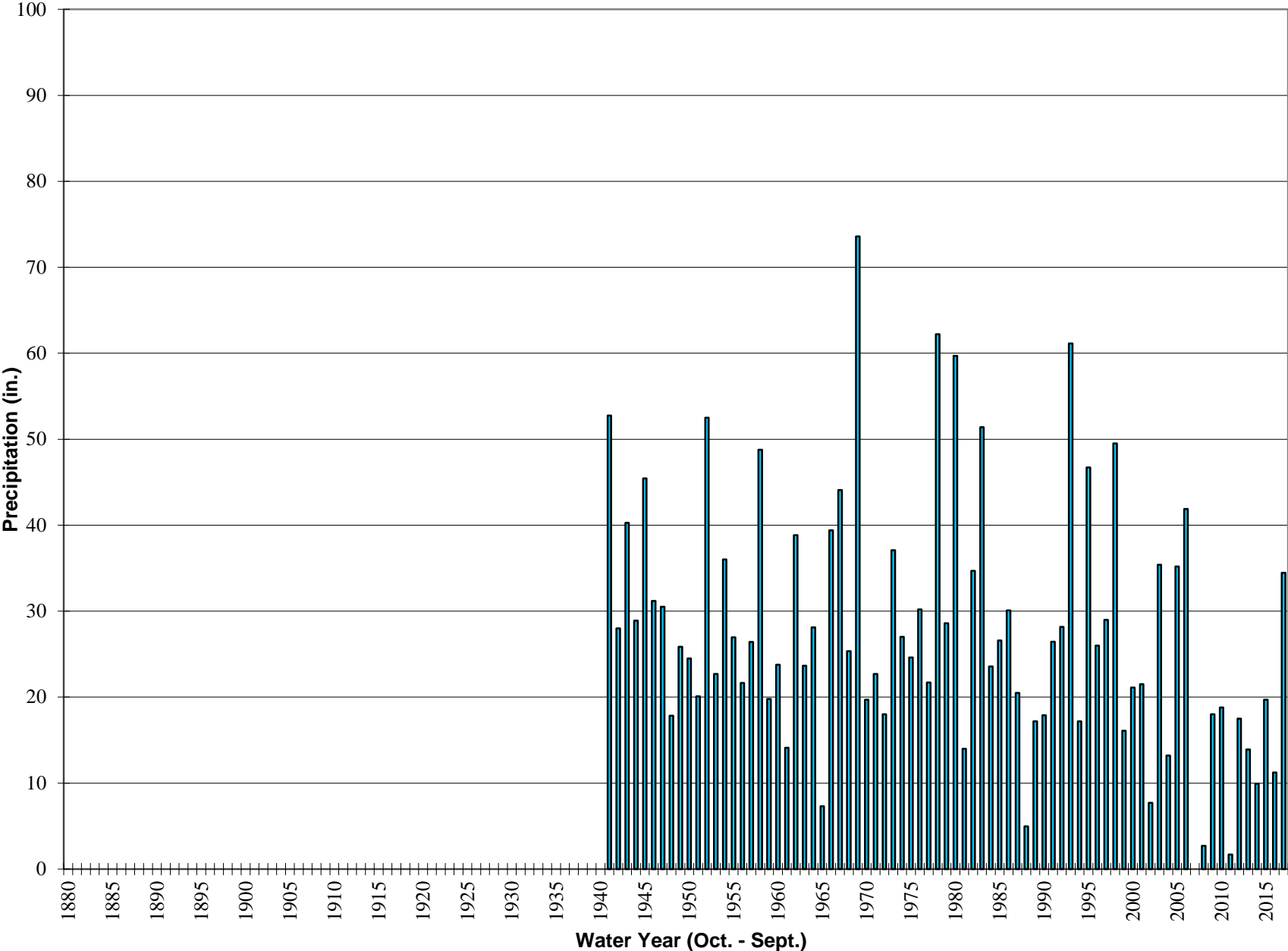
Historic Annual Precipitation Redlands - Roth



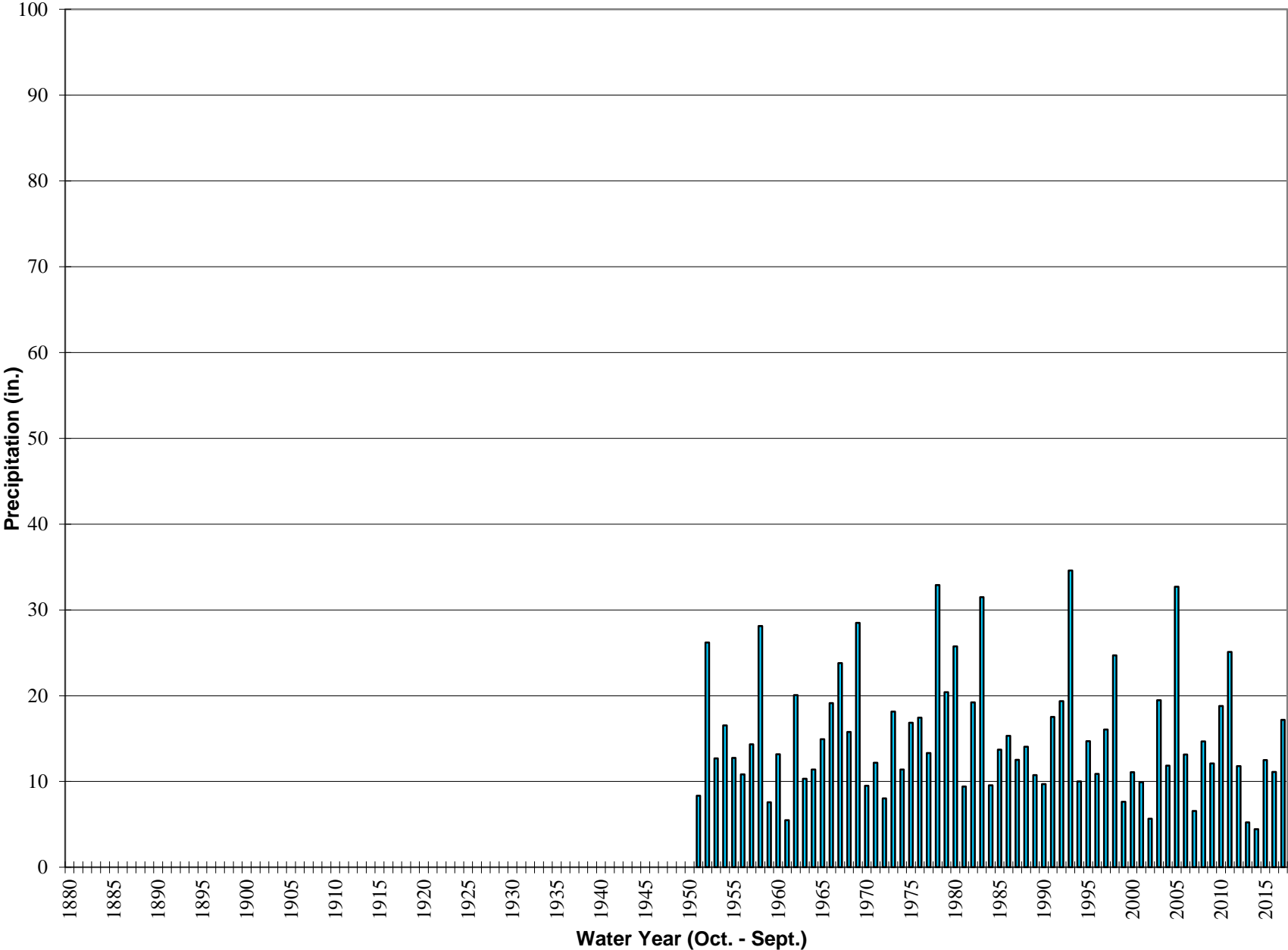
Historic Annual Precipitation Lytle Creek Foothill



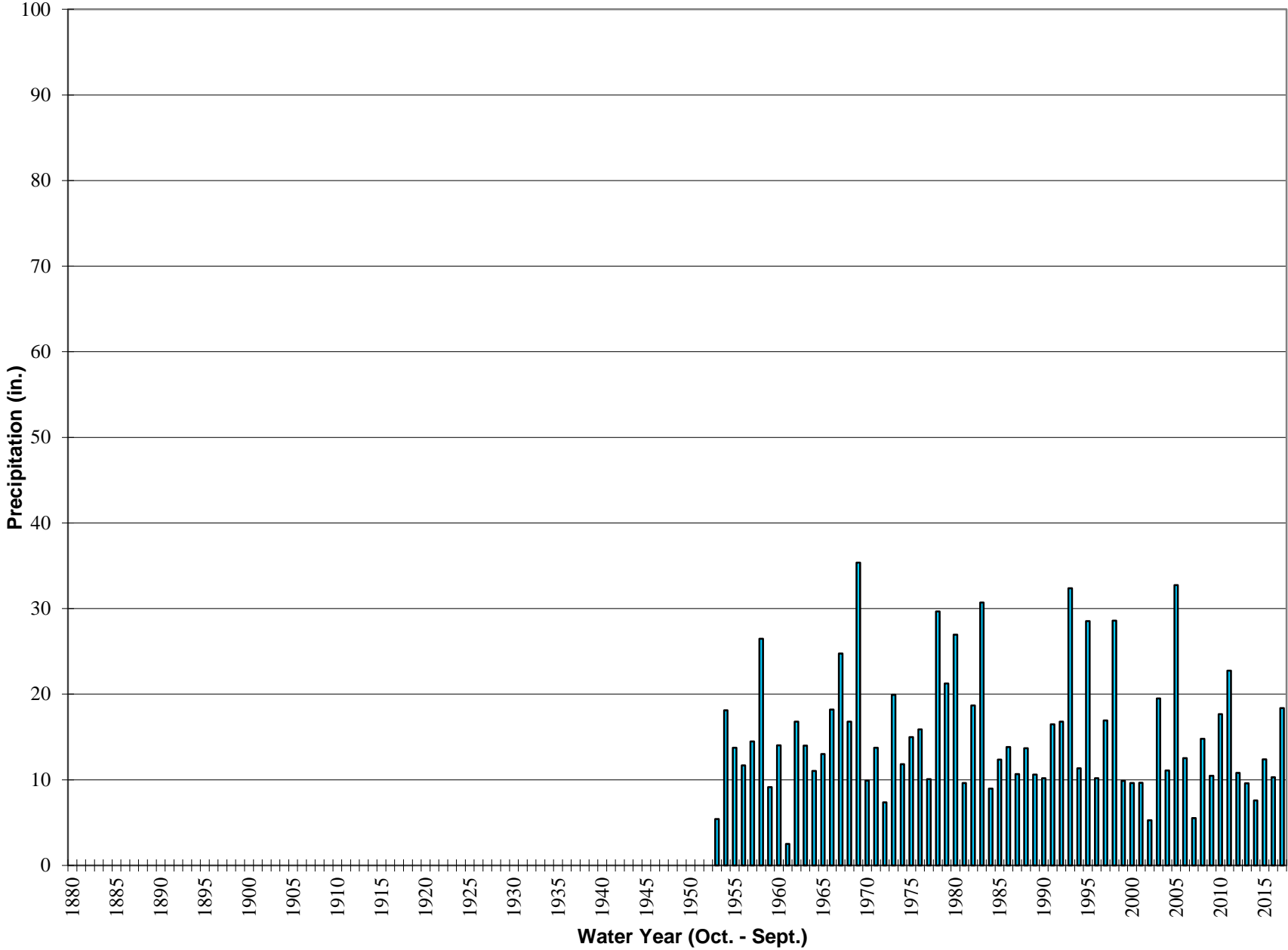
Historic Annual Precipitation Camp Angelus



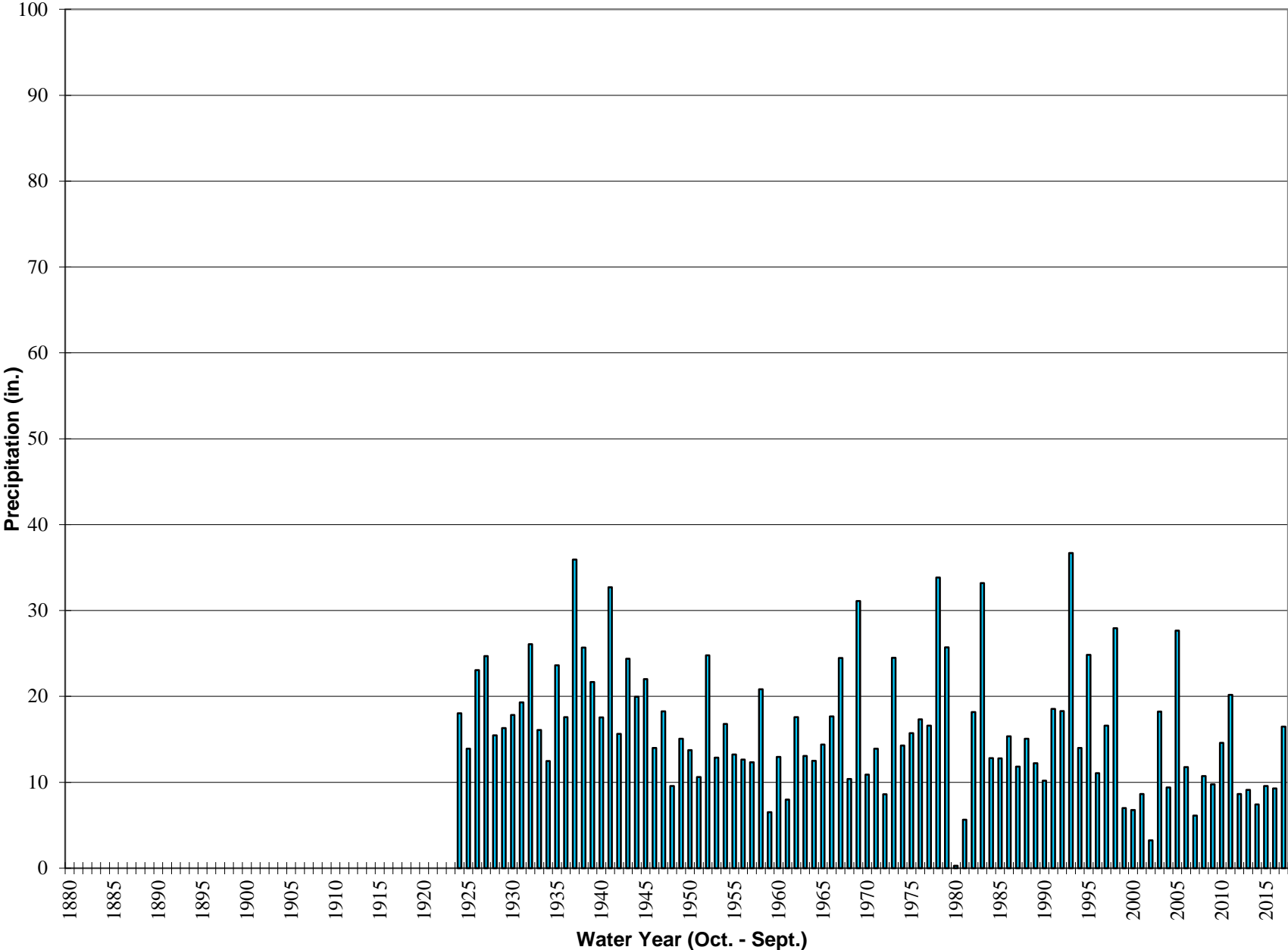
Historic Annual Precipitation Yucaipa CDF



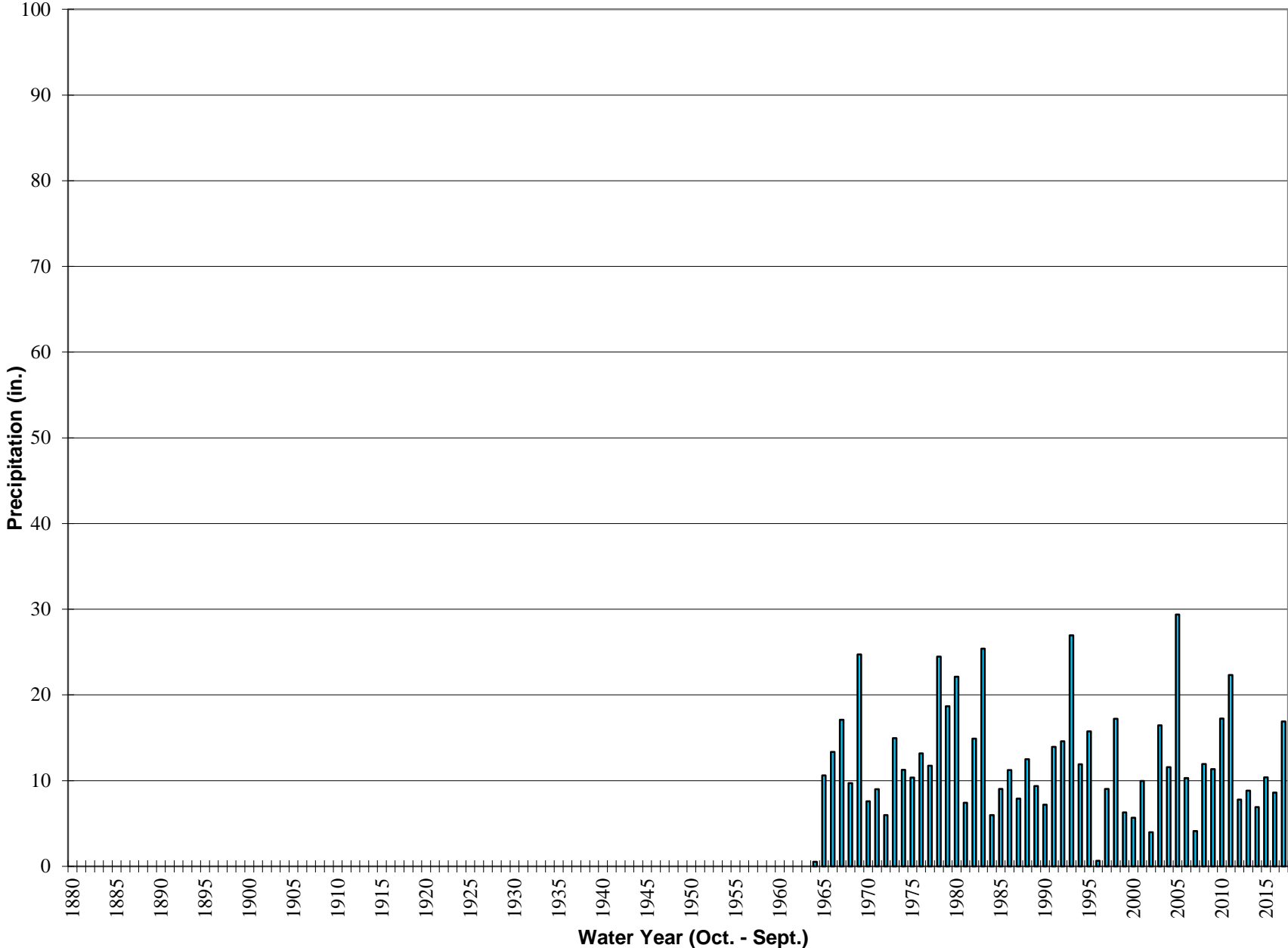
Historic Annual Precipitation Yucaipa WD



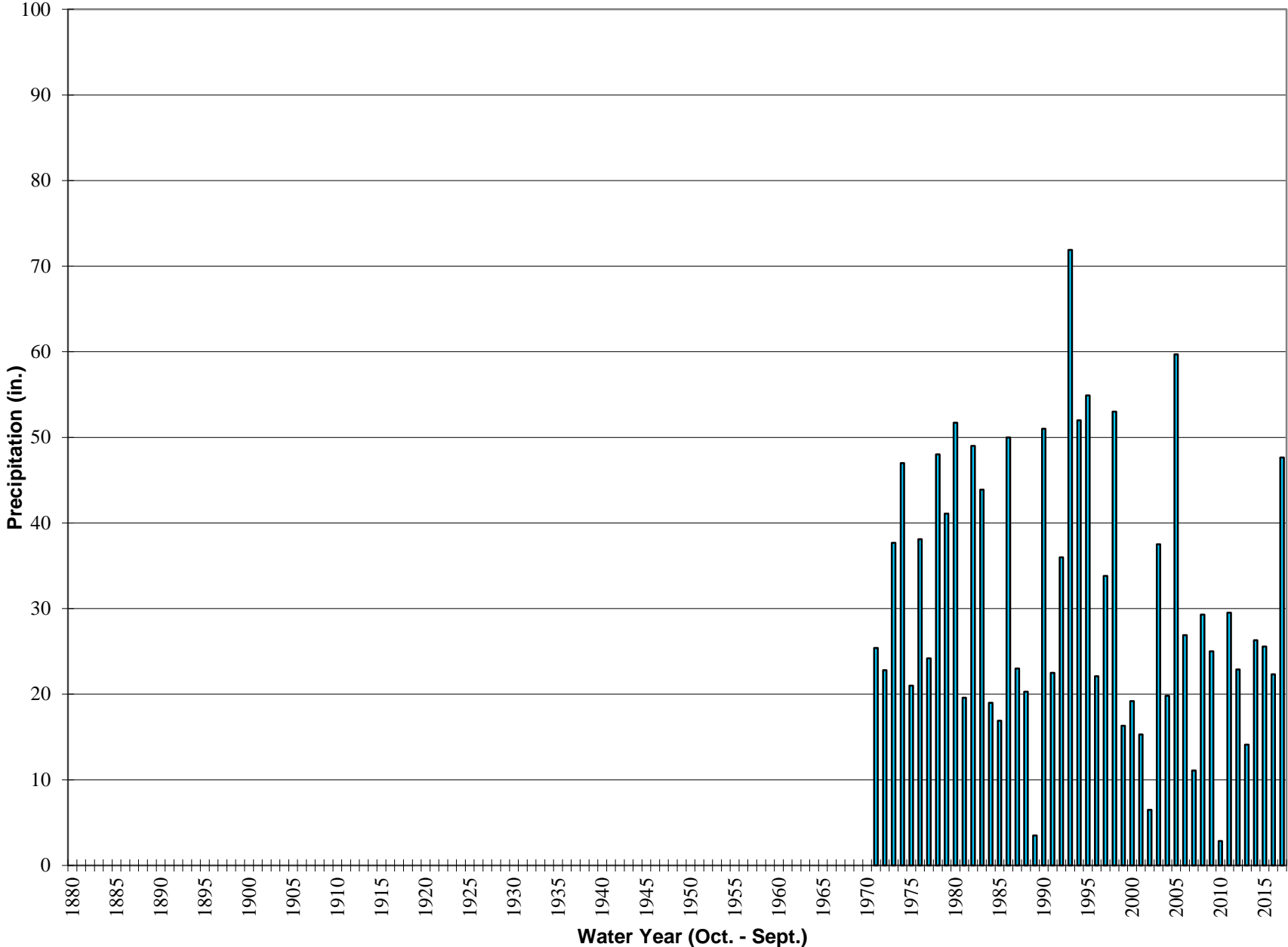
Historic Annual Precipitation Santa Ana PH #3



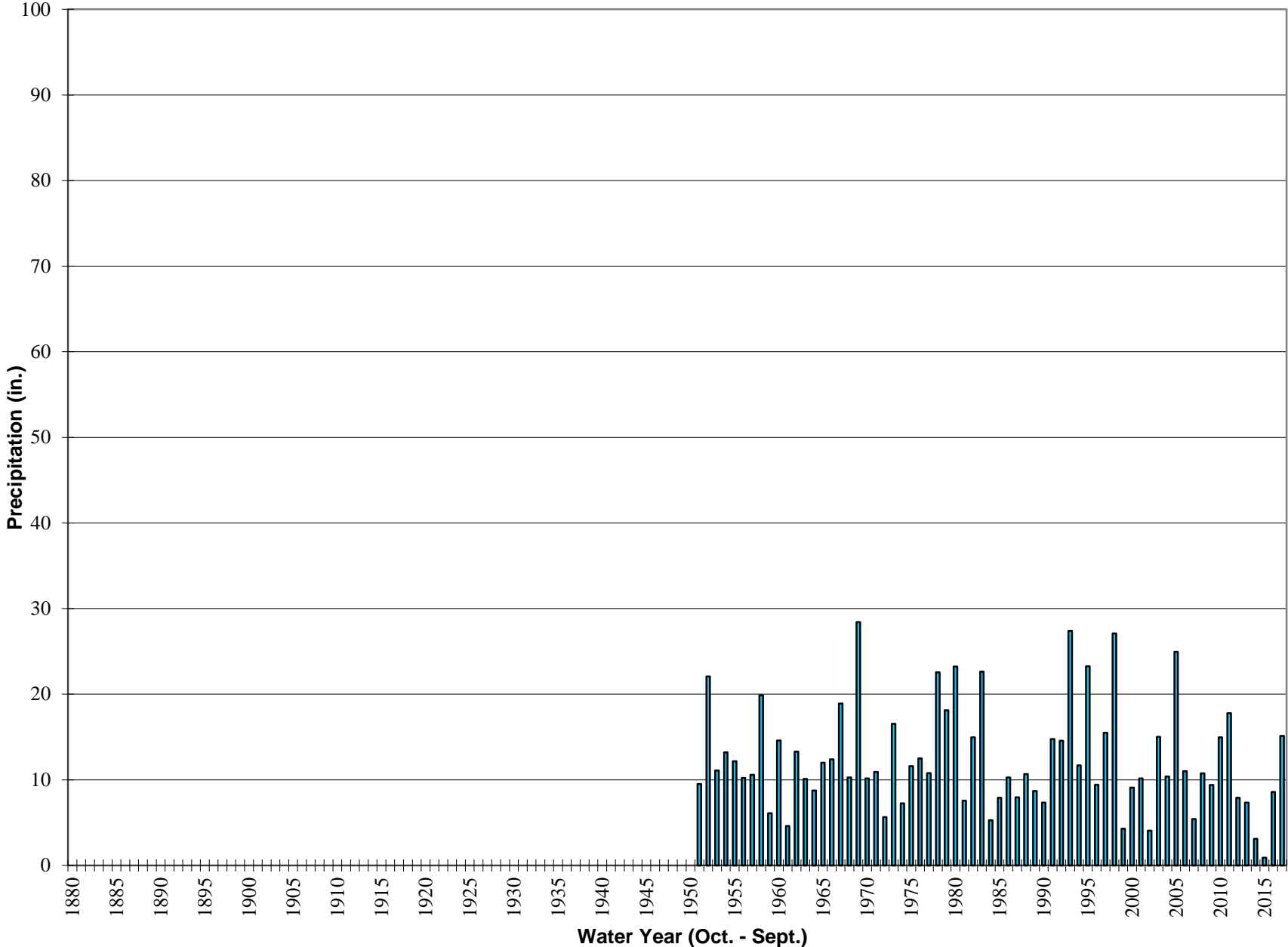
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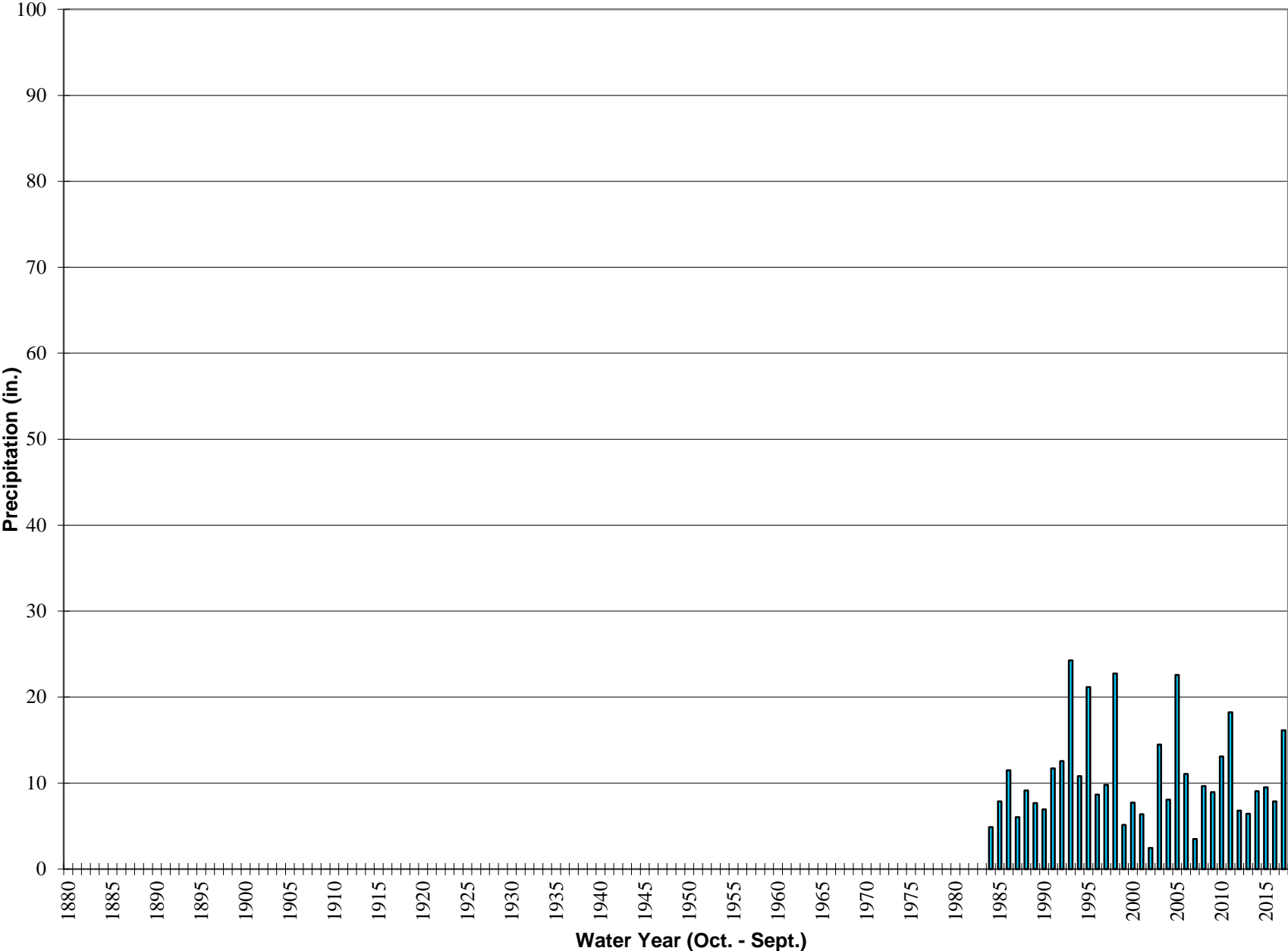
Historic Annual Precipitation Fallsvale



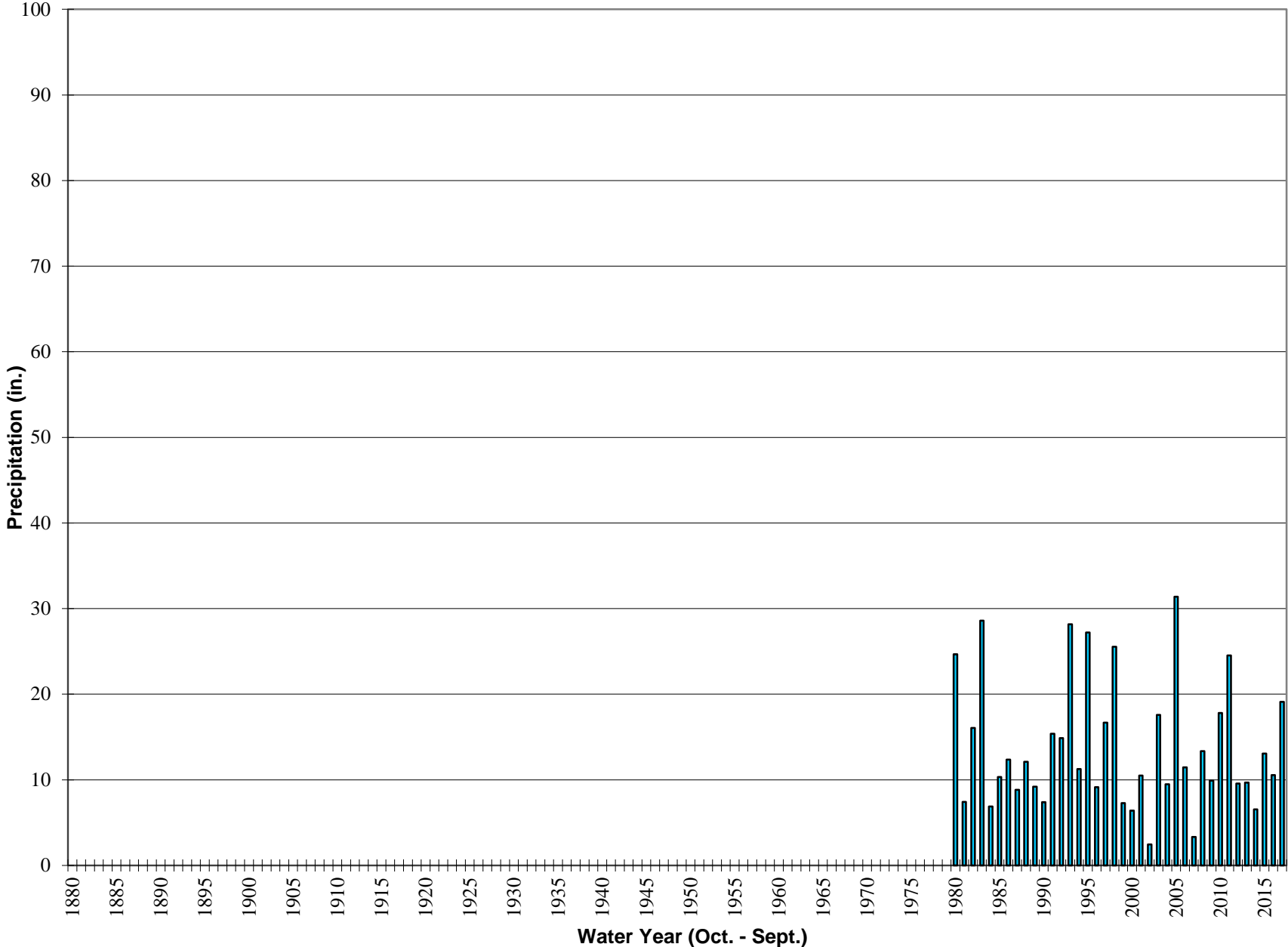
Historic Annual Precipitation Mentone CDF



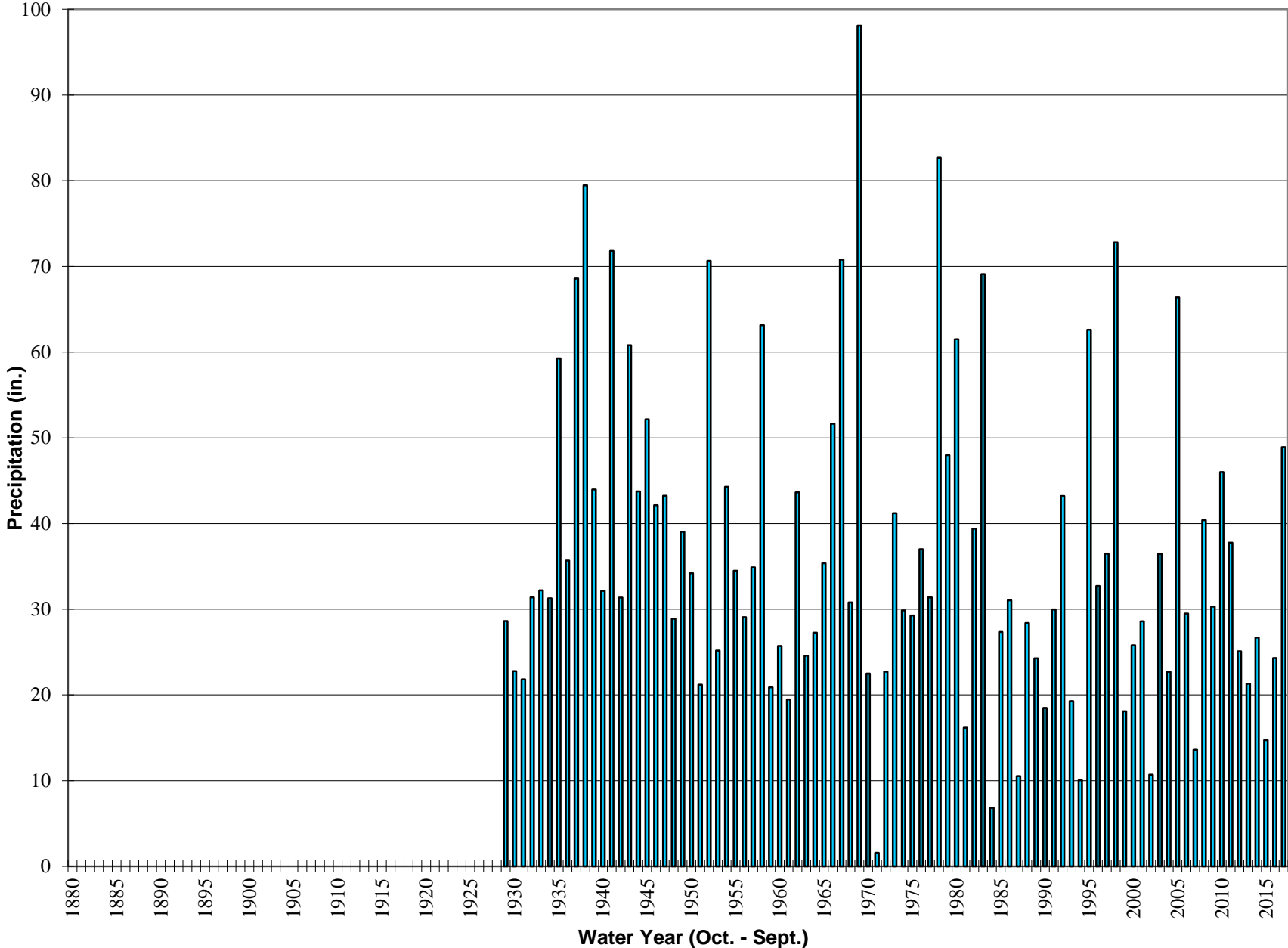
Historic Annual Precipitation Loma Linda FD



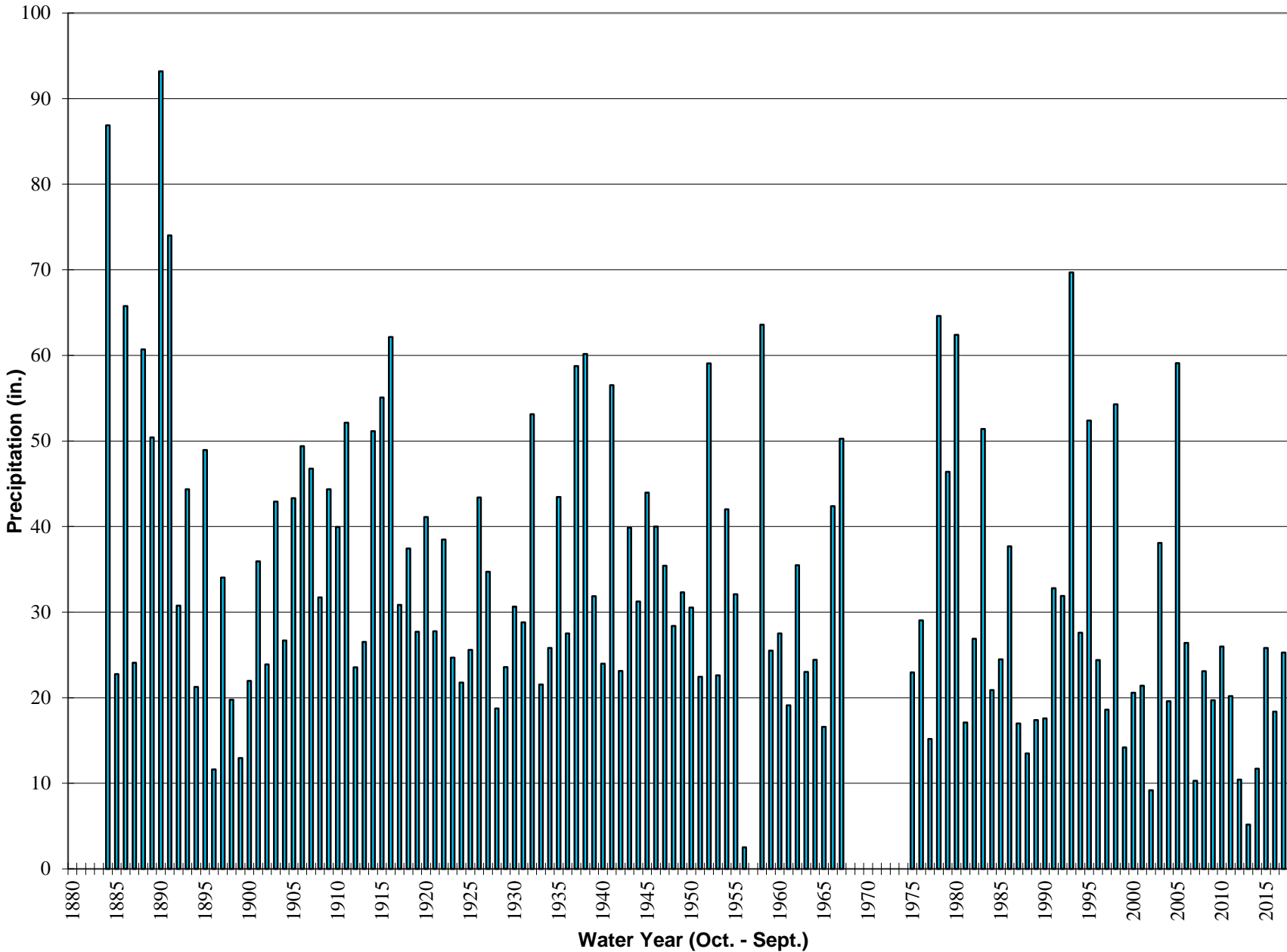
Historic Annual Precipitation Crafton Hills FS#18



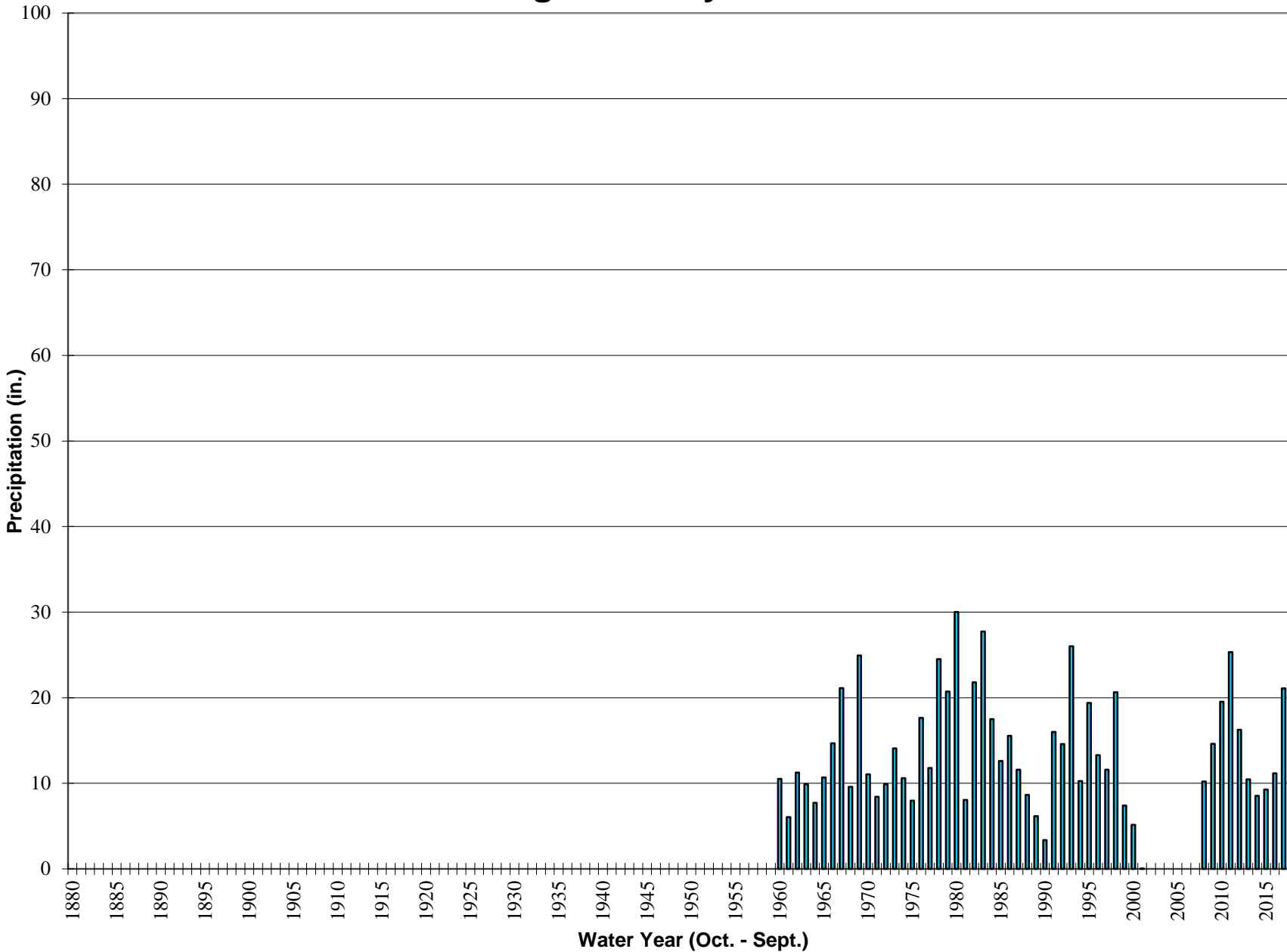
Historic Annual Precipitation Lake Arrowhead



Historic Annual Precipitation BB Dam



Historic Annual Precipitation Big Bear City-BBCSD



Engineering Investigation of the Bunker Hill Basin 2016-2017

Appendix E



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.