

NELHA Water Quality Laboratory

Well 6 Data Table

6/23/1989 - 12/31/2025

Site	Pump Depth (m)	Date (M/D/Y)	Time (2400)	Depth to H ₂ O (m)	Tide (m) (cycle)	PO ₄ ³⁻ (µM) (µg P/L)	NO ₃ ⁻ & NO ₂ ⁻ (µM) (µg N/L)	NH ₄ ⁺ & NH ₃ (µM) (µg N/L)	Si (µM) (µg Si/L)	Temp. (°C)	pH (unit)	Salinity (PSU)	Chloride (mg/L)	DO (ppm)	Turbidity (NTU)	ORP (mV)
W6	-12.5	6/23/89				2.94 91	58.0 812	0.61 8.5		18.7	7.814	29.918	16,560	4.66		
W6	-12.5	8/9/89	1502			3.05 94	61.7 865	0.50 7.0		17.6	7.628	29.742	16,463	6.59		
W6	-12.5	8/15/89	1120			3.78 117	75.1 1052	0.67 9.4		17.3	7.529	29.041	16,075	4.97		
W6	-12.5	8/22/89	1100			3.42 106	72.3 1013	0.50 7.0		16.7	7.651	29.264	16,198	4.74		
W6	-12.5	8/28/89	1340			3.23 100	86.9 1216	0.33 4.6		16.5	7.496	28.792	15,937	3.99		
W6	-12.5	8/28/89	1340			4.15 129	86.9 1216	0.45 6.3								
W6	-12.5	10/27/89	1110			3.36 104	70.3 985	0.03 0.4	223 6263	18.2	7.742	30.281	16,761	4.83		
W6	-12.5	11/15/89	830			3.06 95	67.7 948	0.06 0.8	215 6038	18.8	7.616	30.581	16,927	7.06		
W6	-12.5	12/8/89	1115			3.12 97	61.2 857	0.10 1.4	211 5926	18.6	7.836	30.535	16,902	4.94		
W6	-12.5	1/10/90	1012			2.15 67	77.7 1088	0.00 0.0	220 6179	18.7	7.993	30.453	16,857	5.27		
W6	-12.5	2/13/90	1100			2.64 82	73.7 1032	0.00 0.0	196 5505	18.7	7.931	30.339	16,793	5.42		
W6	-12.5	3/5/90	1328			2.16 67	87.3 1223	0.00 0.0	196	18.4	8.040	30.157	16,693	5.52		
W6	-12.5	4/4/90	935			2.06 64	71.3 999	0.00 0.0	171 4803	17.8	8.109	29.963	16,585	6.59		
W6	-12.5	5/16/90	1137			2.46 76	60.8 852	0.00 0.0	177 4971	16.3	7.955	29.269	16,201	7.47		
W6	-12.5	6/17/90	1500			3.85 119	68.3 957	0.00 0.0	199 5589	16.6	7.791	29.028	16,068	6.46		
W6	-12.5	7/12/90	1157			5.00 155	80.5 1128	0.00 0.0	204 5729	16.1	7.592	29.528	16,345	5.67		
W6	-12.5	8/7/90	1135			4.10 127	83.0 1163	0.56 7.8	204 5729	15.8	7.585	29.212	16,170	5.92		
W6	-12.5	9/5/90	1326			4.79 148	84.7 1186	0.00 0.0		15.7	7.443	28.690	15,881	5.92		
W6	-12.5	10/4/90	1412			5.04 156	82.7 1158	0.10 1.4	238 6684	15.5	7.390	28.473	15,761	5.73		
W6	-12.5	10/31/90	1117			4.01 124	72.6 1017	0.00 0.0	236 6628	15.4	7.347	28.853	15,971	5.41		
W6	-12.5	12/7/90	1336			4.13 128	86.7 1215	0.00 0.0	211 5926	15.5	7.450	29.000	16,052	5.65		
W6	-12.5	1/9/91	830			4.10 127	87.0 1219	0.00 0.0	199 5589	14.8	7.515	29.261	16,197	5.45		
W6	-12.5	2/5/91	922			4.31 133	66.7 934	0.39 5.5	180 5055	15.1	7.540	29.117	16,117	6.16		
W6	-12.5	3/6/91	917			3.94 122	85.4 1196	0.13 1.8	211 5926	14.4	7.576	29.135	16,127	6.14		
W6	-12.5	4/2/91	958			3.42 106	78.5 1100	0.50 7.0	196 5505	14.4	7.556	28.962	16,031	5.87		
W6	-12.5	5/21/91	915			4.23 131	44.7 626	0.07 1.0	357 10027	14.3	7.546	29.130	16,124	5.41		
W6	-12.5	6/25/91	908			3.16 98	57.6 807	0.40 5.6	408 11459	14.3	7.587	29.191	16,158	6.03		
W6	-12.5	7/23/91	1011			4.24 131	66.5 931	0.35 4.9	213 5982	14.3	7.548	29.285	16,210	6.41		
W6	-12.5	8/22/91	938			4.17 129	71.8 1006	0.19 2.7	216 6066	14.6	7.553	29.193	16,159	6.30		
W6	-12.5	9/23/91	942			4.56 141	63.4 888	0.37 5.2	216 6066	14.8	7.522	29.082	16,098	5.81		
W6	-12.5	10/22/91	1054			4.43 137	62.7 878	0.00 0.0	285 8004	15.0	7.513	28.950	16,025	6.85		
W6	-12.5	11/19/91	1041			4.76 147	60.6 849	0.06 0.8	244 6853	14.8	7.520	28.829	15,958	7.38		
W6	-12.5	12/10/91	1028			4.47 138	58.8 824	0.08 1.1	223 6263	14.9	7.550	29.050	16,080	6.89		
W6	-12.5	1/28/92	1006			4.54 141	60.2 843	0.00 0.0	217 6095	15.0	7.592	29.150	16,135	6.90		
W6	-12.5	2/18/92	939			4.17 129	58.4 818	0.00 0.0	201 5645	14.6	7.588	29.122	16,120	6.95		

NELHA Water Quality Laboratory

Well 6 Data Table

6/23/1980 - 12/31/2005

Site	Pump Depth (m)	Date (M/D/Y)	Time (2400)	Depth to H ₂ O (m)	Tide (m) (cycle)	PO ₄ ³⁻ (µM) (µg P/L)	NO ₃ ⁻ & NO ₂ ⁻ (µM) (µg N/L)	NH ₄ ⁺ & NH ₃ (µM) (µg N/L)	Si (µM) (µg Si/L)	Temp. (°C)	pH (unit)	Salinity (PSU)	Chloride (mg/L)	DO (ppm)	Turbidity (NTU)	ORP (mV)
W6	-12.5	3/16/92	1039			4.14 128	53.7 752	0.00 0.0	208 5842	15.3	7.659	28.965	16,033	7.56		
W6	-12.5	4/7/92	1010			4.16 129	52.4 734	0.23 3.2	241 6769	15.4	7.668	29.001	16,053	8.78		
W6	-12.5	5/5/92	1011			4.32 134	54.4 762	0.11 1.5	230 6460	15.8	7.668	28.824	15,955	7.25		
W6	-12.5	6/22/92	959			4.17 129	53.9 755	0.28 3.9	236 6628	14.8	7.650	28.786	15,934	6.93		
W6	-12.5	7/28/92	938			4.12 128	59.6 834	0.07 1.0	206 5786	15.5	7.648	28.903	15,999	7.59		
W6	-12.5	8/25/92	913			4.16 129	57.5 806	0.18 2.5	247 6937	15.3	7.644	28.936	16,017	7.49		
W6	-12.5	9/21/92	936			4.06 126	58.0 812	0.13 1.8	220 6179	15.1	7.654	29.036	16,072	7.58		
W6	-12.5	10/26/92	951			4.07 126	58.2 815	0.37 5.2	252 7078	15.1	7.607	28.897	15,995	7.70		
W6	-12.5	11/16/92	1009			3.92 121	58.6 820	0.32 4.5	242 6797	15.1	7.614	29.039	16,074	7.65		
W6	-12.5	12/7/92	959			4.05 125	59.9 839	0.20 2.8	236 6628	15.1	7.616	29.139	16,129	7.62		
W6	-12.5	1/25/93	956			4.03 125	59.0 827	0.32 4.5	396 11111	14.9	7.656	29.019	16,063	7.34		
W6	-12.5	2/22/93	926			4.13 128	57.3 803	0.31 4.3	236 6614	15.0	7.680	29.050	16,080	6.76		
W6	-12.5	3/15/93	922			4.13 128	54.8 767	0.18 2.5	243 6816	14.9	7.698	29.090	16,102	6.74		
W6	-12.5	4/26/93	928			4.03 125	50.9 713	0.13 1.8	238 6684	15.4	7.680	29.262	16,197	6.75		
W6	-12.5	5/24/93	943			4.08 126	51.4 719	0.32 4.5	237 6656	15.4	7.680	29.145	16,133	6.67		
W6	-12.5	6/21/93	944			3.93 122	52.0 728	0.20 2.8	156 4381	15.7	7.693	29.105	16,110	7.00		
W6	-12.5	8/30/93	1040			3.92 121	56.3 789	0.15 2.1	246 6906	16.3	7.676	28.527	15,790	6.86		
W6	-12.5	10/25/93	930			4.04 125	57.5 805	0.12 1.7	237 6656	16.9	7.671	28.309	15,670	6.45		
W6	-12.5	2/7/94	1131			4.16 129	51.5 721	0.16 2.2	354 9942	16.7	7.656	28.877	15,984	5.96		
W6	-12.5	6/20/94	912			4.31 133	52.1 729	0.04 0.6	209 5866	16.7	7.609	29.044	16,077	5.74		
W6	-12.5	8/22/94	1023			4.49 139	52.0 728	0.05 0.7	218 6131	16.6	7.641	29.030	16,069	6.25		
W6	-12.5	10/24/94	1004			4.62 143	60.3 844	0.00 0.0	220 6184	17.3	7.650	28.124	15,567	6.01		
W6	-12.5	1/23/95	1039			4.41 137	53.9 755	0.06 0.8	207 5817	16.4	7.619	28.298	15,664	6.22		
W6	-12.5	2/13/95	1027			4.32 134	52.1 730	0.27 3.8	217 6103	16.2	7.612	28.358	15,697	6.15		
W6	-12.5	3/13/95	1104			4.29 133	55.1 772	0.13 1.8	272 7628	16.3	7.619	28.318	15,675	6.11		
W6	-12.5	4/24/95	957			3.98 123	54.5 763	0.16 2.2	221 6215	16.4	7.592	28.410	15,726	5.81		
W6	-12.5	5/8/95	952			3.99 124	55.9 783	0.32 4.5	212 5954	16.5	7.605	28.406	15,723	5.99		
W6	-12.5	6/19/95	1032			4.04 125	58.6 820	0.36 5.0	302 8476	16.9	7.581	28.767	15,923	6.05		
W6	-12.5	7/24/95	1001			3.90 121	57.5 805	0.22 3.1	218 6131	17.3	7.608	28.338	15,686	6.41		
W6	-12.5	8/21/95	1051			4.02 125	54.5 764	0.39 5.5	314 8822	17.2	7.599	28.240	15,632	6.29		
W6	-12.5	9/11/95	859			4.17 129	54.3 760	0.23 3.2	217 6093	16.7	7.653	28.464	15,756	6.51		
W6	-12.5	10/16/95	9			4.51 140	54.2 759	0.28 3.9	218 6134	16.8	7.697	28.514	15,783	6.27		
W6	-12.5	11/6/95	918			4.90 152	56.2 787	0.25 3.5	218 6111	16.9	7.726	28.509	15,780	6.25		
W6	-12.5	12/4/95	937			6.48 201	59.1 828	0.14 2.0	321 9001	16.9	7.655	28.469	15,758	6.47		
W6	-12.5	1/29/96	1006			5.31 164	58.0 812	0.02 0.3	213 5974	16.9	7.654	28.628	15,846	6.15		

NELHA Water Quality Laboratory

Well 6 Data Table

6/23/1986 - 12/31/2005

Site	Pump Depth (m)	Date (M/D/Y)	Time (2400)	Depth to H ₂ O (m)	Tide (m) (cycle)	PO ₄ ³⁻ (µM) (µg P/L)	NO ₃ ⁻ & NO ₂ ⁻ (µM) (µg N/L)	NH ₄ ⁺ & NH ₃ (µM) (µg N/L)	Si (µM) (µg Si/L)	Temp. (°C)	pH (unit)	Salinity (PSU)	Chloride (mg/L)	DO (ppm)	Turbidity (NTU)	ORP (mV)
W6	-12.5	2/26/96	1009			5.27 163	68.9 965	0.23 3.2	230 6461	17.1	7.668	28.483	15,766	6.20		
W6	-12.5	3/5/96	949			5.41 168	69.9 979	0.15 2.1	212 5945	17.0	7.637	28.499	15,775	6.45		
W6	-12.5	4/1/96	1005			5.82 180	96.6 1353	0.50 7.0	215 6050	16.9	7.663	28.354	15,695	6.39		
W6	-12.5	5/8/96	1008			6.06 188	112.9 1581	0.17 2.4	204 5721	17.2	7.698	28.393	15,716	6.27		
W6	-12.5	6/17/96	924			6.02 186	105.2 1473	0.18 2.5	215 6030	19.2	7.710	28.530	15,792	4.42		
W6	-12.5	7/16/96	914			5.99 186	97.7 1369	0.23 3.2	214 6002	17.9	7.727	28.536	15,795	6.29		
W6	-12.5	8/5/96	1027			6.01 186	84.4 1183	0.35 4.9	206 5783	19.0	7.743	28.754	15,916	6.15		
W6	-12.5	9/3/96	1006			6.11 189	88.9 1245	0.22 3.1	229 6427	18.7	7.725	28.680	15,875	6.20		
W6	-12.5	10/8/96	1023			6.05 187	83.9 1176	0.26 3.6	278 7804	17.6	7.738	28.359	15,697	5.82		
W6	-12.5	11/4/96	1007			5.99 186	87.3 1223	0.30 4.2	197 5533	18.2	7.727	28.436	15,740	6.33		
W6	-12.5	12/16/96	1004			6.13 190	87.0 1219	0.30 4.2	225 6316	17.8	7.758	28.541	15,798	6.30		
W6	-12.5	1/13/97	1045			6.06 188	86 1203	0.11 1.5	203 5693	17.8	7.752	28.525	15,789	6.35		
W6	-12.5	2/10/97	955			5.97 185	87 1225	0.17 2.4	205 5766	17.0	7.758	28.537	15,796	6.22		
W6	-12.5	3/10/97	959			5.90 183	101 1408	0.10 1.4	205 5758	17.0	7.780	28.310	15,670	6.45		
W6	-12.5	4/22/97	1035			6.42 199	98 1368	0.30 4.2	211 5926	17.1	7.801	28.054	15,529	6.05		
W6	-12.5	5/27/97	935			5.37 166	93 1308	0.09 1.3	202 5685	16.0	7.804	28.277	15,652	7.32		
W6	-12.5	6/16/97	950			5.42 168	76 1064	0.30 4.2	223 6260	16.7	7.829	28.562	15,810	6.22		
W6	-12.5	7/16/97	857			5.36 166	69 966	0.10 1.4	196 5502	16.9	7.823	28.691	15,881	6.13		
W6	-12.5	8/25/97	942			5.39 167	69 968	0.29 4.1	197 5538	18.2	7.914	28.998	16,051	6.31		
W6	-12.5	9/22/97	944			5.14 159	62 864	0.32 4.5	192 5387	18.9	7.960	29.132	16,125	6.27		
W6	-12.5	10/14/97	937			5.62 174	73 1020	0.10 1.4	193 5409	18.1	7.928	28.834	15,960	6.40		
W6	-12.5	11/3/97	1055			5.78 179	63.7 892	0.16 2.2	191 5364	17.6	7.883	28.709	15,891	6.39		
W6	-12.5	12/15/97	1000			5.53 171	64.5 903	0.23 3.2	194 5446	17.0	7.895	28.899	15,996	6.52		
W6	-12.5	1/5/98	1104			5.53 171	63.6 891	0.06 0.8	181 5096	16.7	7.887	29.052	16,081	6.49		
W6	-12.5	2/2/98	1008			5.41 168	65.4 916	0.07 1.0	187 5255	16.3	7.902	29.091	16,103	6.72		
W6	-12.5	3/9/98	1005			6.42 199	70.5 987	0.19 2.7	193 5429	16.7	7.703	29.021	16,064	6.05		
W6	-12.5	4/13/98	914			6.11 189	69 966	0.15 2.1	193 5412	16.4	7.696	29.196	16,161	5.80		
W6	-12.5	5/11/98	946			6.03 187	70 981	0.19 2.7	193 5406	16.8	7.727	29.135	16,127	5.88		
W6	-12.5	6/1/98	944			6.07 188	63.1 884	0.13 1.8	194 5452	16.7	7.723	28.974	16,038	5.74		
W6	-12.5	7/13/98	950			5.55 172	58 819	0.06 0.8	201 5634	16.8	7.668	29.148	16,134	6.23		
W6	-12.5	8/10/98	1007			5.39 167	55.8 782	0.17 2.4	197 5538	16.7	7.697	29.423	16,286	5.96		
W6	-12.5	9/14/98	958			4.61 143	62.1 870	0.18 2.5	252 7080	17.5	7.668	27.061	14,979	6.06		
W6	-12.5	10/12/98	905			4.95 153	58.7 822	0.03 0.4	191 5353	n/a	7.669	29.677	16,427	6.39		
W6	-12.5	11/2/98	927			4.86 151	60.3 845	0.08 1.1	189 5300	17.6	7.673	29.611	16,390	6.22		
W6	-12.5	12/15/98	928			5.78 179	91.1 1276	0.16 2.2	186 5210	16.8	7.707	29.394	16,270	5.95		

NELHA Water Quality Laboratory

Well 6 Data Table

6/23/1989 - 12/31/2005

Site	Pump Depth (m)	Date (M/D/Y)	Time (2400)	Depth to H ₂ O (m)	Tide (m) (cycle)	PO ₄ ³⁻ (µM) (µg P/L)	NO ₃ ⁻ & NO ₂ ⁻ (µM) (µg N/L)	NH ₄ ⁺ & NH ₃ (µM) (µg N/L)	Si (µM) (µg Si/L)	Temp. (°C)	pH (unit)	Salinity (PSU)	Chloride (mg/L)	DO (ppm)	Turbidity (NTU)	ORP (mV)
W6	-12.5	1/11/99	945			6.08 188	102 1423	0.14 2.0	183 5145	16.4	7.773	29.598	16,383	5.07		
W6	-12.5	2/2/99	940			6.24 193	118 1651	0.20 2.8	179 5033	16.3	7.790	29.595	16,382	5.17		
W6	-12.5	3/1/99	945			6.95 215	103.4 1448	0.04 0.6	175 4901	16.5	7.831	29.671	16,424	5.66		
W6	-12.5	4/5/99	943			6.96 216	83.1 1164	0.09 1.3	176 4929	15.9	7.780	29.959	16,583	5.46		
W6	-12.5	5/3/99	943			6.31 195	67.7 948	0.15 2.1	172 4836	16.5	7.744	30.191	16,712	7.08		
W6	-12.5	6/1/99	935			5.88 182	64.9 909	0.30 4.2	171 4803	16.3	7.725	30.057	16,637	5.86		
W6	-12.5	7/14/99	938			5.17 160	67.8 950	0.03 0.4	180 5044	17.0	7.684	30.167	16,698	5.81		
W6	-12.5	8/23/99	1004			5.15 160	61.6 863	0.24 3.4	105 2957	17.1	7.720	30.141	16,684	6.03		
W6	-12.5	9/7/99	954			5.21 161	63.7 892	0.05 0.7	171 4805	16.9	7.718	30.242	16,740	5.89		
W6	-12.5	10/5/99	943			4.83 150	60.7 850	0.07 1.0	176 4943	18.4	7.707	30.776	17,035	4.91		
W6	-12.5	11/1/99	1010			4.86 151	59.8 838	0.08 1.1	163 4572	19.1	7.694	30.496	16,880	5.09		
W6	-12.5	12/14/99	1001			4.86 151	62.0 869	0.04 0.6	167 4685	18.3	7.640	30.845	17,074	4.66		
W6	-12.5	1/10/00	1027			5.22 162	65.0 910	0.15 2.1	167 4702	18.8	7.668	30.683	16,984	4.53		
W6	-12.5	2/7/00	1022			5.56 172	71.3 998	0.15 2.1	163 4567	17.8	7.710	30.356	16,803	4.61		
W6	-12.5	3/21/00	1025			5.85 181	62.6 877	0.10 1.4	167 4687	16.9	7.706	30.133	16,679	5.22		
W6	-12.5	4/10/00	1054			5.82 180	64.0 896	0.09 1.3	164 4617	16.8	7.720	30.183	16,707	5.27		
W6	-12.5	5/15/00	1005			5.67 176	62.6 877	0.17 2.4	167 4685	17.1	7.714	30.384	16,818	5.57		
W6	-12.5	6/5/00	1006			5.59 173	60.3 845	0.09 1.3	186 5215	17.1	7.699	30.485	16,874	5.25		
W6	-12.5	7/26/00	1032			5.65 175	64.3 901	0.02 0.3	163 4581	18.2	7.720	30.437	16,848	5.39		
W6	-12.5	8/29/00	935			5.71 177	66.1 926	0.03 0.4	166 4651	17.7	7.647	30.529	16,899	5.36		
W6	-12.5	9/5/00	1001			5.63 174	69.3 971	0.07 1.0	166 4671	17.8	7.651	30.642	16,961	5.18		
W6	-12.5	10/24/00	1006			5.82 180	66.8 935	0.16 2.2	171 4803	18.8	7.689	30.802	17,050	5.12		
W6	-12.5	11/13/00	947			5.34 165	64.0 896	0.26 3.6	175 4904	19.0	7.657	30.915	17,112	5.01		
W6	-12.5	12/18/00	949			5.68 176	84.8 1188	0.18 2.5	167 4690	18.7	7.656	30.686	16,985	4.95		
W6	-12.5	1/22/01	953			5.60 173	81.3 1139	0.02 0.3	169 4755	17.5	7.642	30.489	16,876	4.83		
W6	-12.5	2/5/01	1012			5.50 170	89.4 1251	0.20 2.8	169 4758	17.5	7.661	30.388	16,821	4.78		
W6	-12.5	3/5/01	1003			5.48 170	73.3 1027	0.03 0.4	165 4620	17.3	7.637	30.351	16,800	4.64		
W6	-12.5	4/17/01	947			5.40 167	77.2 1082	0.05 0.7	166 4662	17.0	7.640	30.265	16,752	5.53		
W6	-12.5	5/15/01	931			5.25 163	79.3 1111	0.14 2.0	172 4819	17.2	7.645	30.280	16,761	5.71		
W6	-12.5	6/12/01	1006			5.12 159	72.7 1019	0.02 0.3	165 4643	17.6	7.653	30.212	16,723	5.83		
W6	-12.5	7/23/01	954			5.23 162	68.9 965	0.02 0.3	170 4777	17.7	7.659	30.282	16,762	5.86		
W6	-12.5	8/8/01	945			5.20 161	67.5 945	0.05 0.7	168 4713	16.6	7.666	30.275	16,758	5.92		
W6	-12.5	9/19/01	954			5.50 170	67.6 947	0.05 0.7	170 4783	17.3	7.650	30.281	16,761	6.08		
W6	-12.5	10/24/01	927			5.02 155	61.8 866	0.01 0.1	168 4730	18.3	4.681	30.232	16,734	5.74		
W6	-12.5	11/7/01	945			5.50 170	65.7 921	0.07 1.0	170 4775	18.4	7.675	30.290	16,766	5.53		

NELHA Water Quality Laboratory

Well 6 Data Table

6/23/1980 - 12/31/2005

Site	Pump Depth (m)	Date (M/D/Y)	Time (2400)	Depth to H ₂ O (m)	Tide (m) (cycle)	PO ₄ ³⁻ (µM) (µg P/L)	NO ₃ ⁻ & NO ₂ ⁻ (µM) (µg N/L)	NH ₄ ⁺ & NH ₃ (µM) (µg N/L)	Si (µM) (µg Si/L)	Temp. (°C)	pH (unit)	Salinity (PSU)	Chloride (mg/L)	DO (ppm)	Turbidity (NTU)	ORP (mV)
W6	-12.5	12/19/01	1004			5.26 163	67.7 949	0.12 1.7	176 4943	18.4	7.671	30.298	16,771	5.85		
W6	-12.5	1/9/02	954			5.31 164	66.3 929	0.18 2.5	186 5227	18.6	7.673	30.437	16,848	5.25		
W6	-12.5	2/19/02	1011			5.48 170	70.8 992	0.06 0.8	179 5027	18.1	7.685	30.296	16,770	5.87		
W6	-12.5	3/20/02	1013			5.36 166	69.0 967	0.09 1.3	172 4825	17.7	7.680	30.326	16,786	5.90		
W6	-12.5	4/8/02	1102			5.39 167	71.2 997	0.02 0.3	173 4867	17.5	7.671	30.315	16,780	5.90		
W6	-12.5	5/29/02	1047			4.96 154	69.3 971	0.14 2.0	170 4777	17.9	7.690	30.129	16,677	6.36		
W6	-12.5	6/17/02	1020			5.14 159	64.5 903	0.04 0.6	163 4586	18.1	7.680	30.200	16,716	6.14		
W6	-12.5	7/15/02	1025			5.08 157	63.6 891	0.10 1.4	182 5098	17.9	7.678	30.233	16,735	6.01		
W6	-12.5	8/20/02	1017			4.96 154	67.0 938	0.21 2.9	170 4769	18.3	7.692	30.178	16,704	6.11		
W6	-12.5	9/23/02	1034			4.86 151	70.4 986	0.21 2.9	170 4786	18.2	7.716	30.380	16,816	5.89		
W6	-12.5	10/14/02	953			4.69 145	62.2 871	0.09 1.3	171 4814	19.4	7.754	30.532	16,900	5.54		
W6	-12.5	11/4/02	1003			5.08 157	86.9 1218	0.02 0.3	174 4881	18.9	7.723	30.236	16,736	5.24		
W6	-12.5	12/17/02	1031			5.30 164	80.1 1122	0.03 0.4	176 4940	19.0	7.674	30.389	16,821	4.41		
W6	-12.5	1/21/03	1115			5.10 158	80.4 1126	0.03 0.4	167 4687	17.8	7.689	30.741	17,016	4.69		
W6	-12.5	2/12/03	1041			5.18 160	68.1 954	0.04 0.6	174 4890	17.8	7.705	30.368	16,809	4.86		
W6	-12.5	3/19/03	1027			5.81 180	74.6 1044	0.02 0.3	186 5235	18.1	7.722	30.178	16,704	5.29		
W6	-12.5	4/28/03	1013			5.95 184	72.5 1015	0.07 1.0	167 4679	18.0	7.745	30.024	16,619	6.19		
W6	-12.5	5/12/03	945			5.81 180	69.8 978	0.03 0.4	175 4915	17.4	7.751	30.044	16,630	6.27		
W6	-12.5	6/3/03	1000			5.92 183	76.4 1070	0.29 4.1	165 4643	17.6	7.789	29.998	16,605	6.38		
W6	-12.5	7/29/03	1030			5.17 160	65.6 919	0.10 1.4	169 4744	18.1	7.779	30.281	16,761	6.01		
W6	-12.5	8/26/03	1025			5.04 156	66.6 933	0.02 0.3	167 4685	19.0	7.771	30.373	16,812	5.78		
W6	-12.5	9/15/03	1014			5.03 156	74.1 1038	0.02 0.3	165 4640	19.8	7.755	30.183	16,707	5.95		
W6	-12.5	10/6/03	1008			4.84 150	75.1 1052	0.05 0.7	167 4693	19.7	7.775	30.356	16,803	NA		
W6	-12.5	10/28/03	1040			5.22 162	79.6 1115	0.10 1.4	161 4533	18.9	7.733	30.103	16,663	NA		
W6	-12.5	11/14/03	1345							19.4			0	5.50		
W6	-12.5	12/15/03	952							23.3	7.776		0			
W6	-12.5	12/17/03	857			4.55 141	64.0 897	0.07 1.0	177 4980	20.3	7.771	30.440	16,849	5.04		
W6	-12.5	1/26/04	1001			5.04 156	64.8 908	0.10 1.4	174 4876	18.8	7.722	30.094	16,658	5.55		
W6	-12.5	2/5/04	1002			4.74 147	74.2 1040	0.19 2.7	173 4862	19.0	7.734	29.898	16,549	5.67		
W6	-12.5	3/2/04	1051			4.74 147	82.5 1155	0.26 3.6	176 4951	19.1	7.737	29.895	16,548	5.38		
W6	-12.5	4/20/04	1007			4.80 149	118 1651	0.02 0.3	176 4954	17.6	7.705	29.672	16,424	6.06		
W6	-12.5	5/11/04	922			4.68 145	116 1622	0.30 4.2	171 4805	17.7	7.724	29.05	16,080	5.83		
W6	-12.5	6/2/04	1009			3.66 113	123 1719	0.13 1.8	172 4817	20.9	7.701	28.69	15,881	3.41		
W6	-12.5	7/14/04	1008			4.10 127	108 1509	0.24 3.4	174 4884	19.9	7.699	29.06	16,085	4.92		
W6	-12.5	8/23/04	1017			3.80 118	98.0 1372	0.36 5.0	178 4991	20.5	7.697	29.30	16,218	4.37		

NELHA Water Quality Laboratory

Well 6 Data Table

6/23/1980 - 12/31/2005

Site	Pump Depth (m)	Date (M/D/Y)	Time (2400)	Depth to H ₂ O (m)	Tide (m) (cycle)	PO ₄ ³⁻ (µM) (µg P/L)	NO ₃ ⁻ & NO ₂ ⁻ (µM) (µg N/L)	NH ₄ ⁺ & NH ₃ (µM) (µg N/L)	Si (µM) (µg Si/L)	Temp. (°C)	pH (unit)	Salinity (PSU)	Chloride (mg/L)	DO (ppm)	Turbidity (NTU)	ORP (mV)
W6	-12.5	9/2/04	1037			4.19 130	103 1445	0.13 1.8	177 4960	19.6	7.689	29.27	16,202	4.61		
W6	-12.5	10/4/04	947			4.54 141	98.9 1385	0.16 2.2	173 4848	20.2	7.685	29.47	16,312	4.57		
W6	-12.5	11/9/04	916			4.70 146	93.1 1304	0.11 1.5	178 4991	20.1	7.661	29.28	16,207	4.93		
W6	-12.5	12/6/04	945			4.58 142	97.1 1360	0.10 1.4	176 4949	20.1	7.736	29.29	16,213	4.72		
W6	-12.5	1/10/05	911			4.82 149	104.9 1469	0.06 0.8	180 5064	19.5	7.725	30.231	16,734	5.09		
W6	-12.5	2/9/05	913			4.91 152	100 1401	0.05 0.7	179 5030	21.1	7.728	30.198	16,715	5.35		
W6	-12.5	3/15/05	942			4.78 148	105 1471	0.25 3.5	178 4994	19.4	7.739	30.305	16,775	5.35		
W6	-12.5	4/19/05	858			4.84 150	117 1639	0.12 1.7	175 4915	19.1	7.739	30.240	16,739	5.64		
W6	-12.5	5/23/05	931			4.24 131	129 1800	0.21 2.9	173 4853	19.6	7.703	30.344	16,796	4.52		
W6	-12.5	6/15/05	1002			4.40 136	120 1685	0.15 2.1	168 4721	19.7	7.713	30.239	16,738	4.78		
W6	-12.5	7/18/05	859			4.50 139	112 1569	0.12 1.7	177 4963	21.3	7.709	30.369	16,810	5.08		
W6	-12.5	8/9/05	920			4.40 136	104 1461	0.22 3.1	170 4775	20.1	7.755	30.397	16,826	5.16		
W6	-12.5	9/20/05	915			4.52 140	91.4 1280	0.23 3.2	169 4732	19.6	7.750	30.231	16,734	5.73		
W6	-12.5	10/17/05	911			4.38 136	97.4 1365	0.13 1.8	170 4760	20.4	7.756	30.377	16,814	5.20		
W6	-12.5	11/7/05	845			4.08 126	114 1602	0.06 0.8	168 4730	21.1	7.778	30.331	16,789	4.67		
W6	-12.5	12/19/05	848			4.30 133	98.6 1381	0.52 7.3	166 4654	19.2	7.751	29.976	16,592	5.78		
W6	-12.5	1/23/06	859			4.28 133	103 1448	0.47 6.6	170 4777	19.0	7.759	30.043	16,630	5.56		
W6	-12.5	2/14/06	907			4.35 135	108 1506	0.37 5.2	169 4738	18.4	7.746	29.887	16,543	5.40		
W6	-12.5	3/20/06	903			4.20 130	103 1443	0.48 6.7	162 4550	18.5	7.789	30.027	16,621	5.46		
W6	-12.5	4/25/06	935			4.14 128	95.4 1336	0.19 2.7	162 4550	18.4	7.77	30.044	16,630	5.48		
W6	-12.5	5/22/06	923			3.96 123	86.6 1213	0.23 3.2	159 4466	18.2	7.749	30.055	16,636	5.58		
W6	-12.5	6/26/06	927			3.83 119	84.2 1179	0.08 1.1	165 4634	18.7	7.765	30.130	16,678	5.50		
W6	-12.5	7/20/06	945			3.45 107	74.9 1049	0.23 3.2	156 4381	20.4	7.771	30.358	16,804	5.56		
W6	-12.5	8/7/06	1002			3.65 113	77.4 1084	0.21 2.9	160 4494	19.3	7.777	30.374	16,813	5.70		
W6	-12.5	9/18/06	927			3.65 113	73.5 1029	0.22 3.1	160 4494	19.4	7.769	30.453	16,857	5.36		
W6	-12.5	10/23/06	930			3.70 115	72.8 1020	0.33 4.6	163 4578	19.7	7.762	30.55	16,910	5.47		
W6	-12.5	11/27/06	914			3.66 113	86.3 1209	0.27 3.8	164 4606	20.2	7.785	30.464	16,863	5.30		
W6	-12.5	12/11/06	1015			3.76 116	88.2 1235	0.36 5.0	164 4606	21.7	7.774	30.463	16,862	5.41		
W6	-12.5	1/8/07	1109			3.90 121	93.1 1304	0.21 2.9	159 4466	19.4	7.758	30.30	16,771	5.87		
W6	-12.5	2/20/07	1006			3.79 117	76.1 1066	0.39 5.5	163 4578	18.9	7.728	30.16	16,694	6.01		
W6	-12.5	3/5/07	941			3.81 118	84.9 1189	0.32 4.5	169 4746	19.2	7.724	30.073	16,646	6.01		
W6	-12.5	4/18/07	1005			3.85 119	74.3 1041	0.18 2.5	170 4775	19.5	7.746	29.90	16,553	6.29		
W6	-12.5	5/1/07	957			3.90 121	76.4 1070	0.20 2.8	168 4718	19.0	7.738	29.842	16,518	6.32		
W6	-12.5	6/18/07	937			3.79 117	74.2 1039	0.2 2.8	170 4775	19.1	7.771	29.80	16,493	6.53		
W6	-12.5	7/23/07	1538	-1.98	0.46 Ebb	3.68 114	77.6 1086	0.11 1.6	165 4621	19.9	7.47	30.33	16,788	5.21		

NELHA Water Quality Laboratory

Well 6 Data Table

6/23/1980 - 12/31/2005

Site	Pump Depth (m)	Date (M/D/Y)	Time (2400)	Depth to H ₂ O (m)	Tide (m) (cycle)	PO ₄ ³⁻ (µM) (µg P/L)	NO ₃ ⁻ & NO ₂ ⁻ (µM) (µg N/L)	NH ₄ ⁺ & NH ₃ (µM) (µg N/L)	Si (µM) (µg Si/L)	Temp. (°C)	pH (unit)	Salinity (PSU)	Chloride (mg/L)	DO (ppm)	Turbidity (NTU)	ORP (mV)
W6	-12.5	8/27/07	1528	-1.80	0.70 Flood	3.58 111	96.4 1350	0.19 2.6	164 4594	21.5	7.78	30.36	16,805	4.40		
W6	-12.5	9/18/07	1635	-2.21	0.21 Ebb	3.73 116	84.7 1186	0.08 1.2	164 4615	19.7	7.76	30.50	16,883	5.17		
W6	-12.5	10/23/07	1551	-1.83	0.46 Ebb	3.66 113	93.3 1307	0.22 3.0	151 4236	19.8	7.75	30.30	16,772	5.17		
W6	-12.5	11/20/07	1335	-1.85	0.43 Ebb	3.92 121	87.9 1231	0.14 1.9	166 4658	19.5	7.73	30.20	16,716	5.43		
W6	-12.5	12/19/07	1348	-2.34	0.24 Ebb	3.76 117	90.1 1262	0.81 11	156 4393	19.1	7.71	29.88	16,539	5.73		
W6	-12.5	1/28/08	954	-2.16	0.27 Ebb	3.44 107	69.5 974	0.51 7.2	160 4494	18.1	7.53	29.82	16,506	5.64		
W6	-12.5	2/26/08	1424	-2.34	0.06 Flood	4.23 131	186.0 2606	0.24 3.4	156 4393	16.8	7.64	29.57	16,368	4.91		
W6	-12.5	3/17/08	1448	-2.01	0.24 High	3.44 107	116.8 1636	0.49 6.9	130 3649	19.4	7.59	28.99	16,047	3.06		
W6	-12.5	4/29/08	1153	-2.59	0.24 Flood	4.00 124	112.8 1581	0.09 1.2	156 4369	17.3	7.58	29.53	16,346	4.99		
W6	-12.5	5/28/08	1132	-2.13	0.34 High	4.44 137	90.5 1268	0.13 1.8	180 5049	17.6	7.63	29.71	16,445	5.87		
W6	-12.5	6/17/08	1204	-2.34	0.21 Flood	4.78 148	85.5 1197	0.74 10	156 4381	18.1	7.46	29.59	16,379	5.17	0.23	
W6	-12.5	7/22/08	1153	-2.13	0.15 Ebb	4.22 131	76.4 1070	0.91 13	181 5072	16.9	7.63	29.64	16,407	5.76		
W6	-12.5	8/30/08	1149		0.15 Flood	4.00 124	70.5 988	0.14 1.9	165 4622	17.9	7.63	29.74	16,462	0.35		
W6	-12.5	9/16/08	1139	-2.49	0.09 Low	4.34 134	72.4 1014	0.18 2.5	156 4375	19.3	7.49	29.42	16,285	5.82		
W6	-12.5	10/28/08	1041	-2.46	0.15 Low	4.71 146	73.7 1032	0.18 2.5	158 4426	18.8	7.65	29.64	16,407	6.35	0.09	
W6	-12.5	11/13/08	1132	-2.48	0.09 Low	4.10 127	66.9 937	0.26 3.6	158 4429	18.0	7.80	29.77	16,478	6.84	0.20	
W6	-12.5	12/15/08	1435	-2.55	0.00 Low	4.39 136	83.0 1162	0.11 1.5	158 4425	18.5	7.88	29.46	16,307	6.60		
W6	-12.5	1/22/09	1121	-2.53	0.09 Flood	4.67 145	101.0 1415	0.65 9.1	154 4328	18.4	7.68	29.46	16,307	5.95	0.10	
W6	-12.5	2/24/09	1053	-2.64	0.06 Low	4.56 141	51.9 727	0.56 7.9	176 4946	17.6	7.59	29.33	16,235	6.29	0.08	
W6	-12.5	3/16/09	1132	-2.60	0.06 Ebb	3.94 122	67.5 945	0.13 1.8	126 3542	17.1	7.44	29.33	16,235	6.85	0.12	
W6	-12.5	4/30/09	1645	-2.73	0.24 Flood	5.23 162	72.6 1018	0.59 8.3	136 3829	17.9	7.93	29.01	16,058	5.64		
W6	-12.5	5/29/09	1019	-2.42	0.21 Ebb	5.06 157	72.6 1016	0.15 2.1	128 3598	14.4	7.74	29.55	16,357	7.46	0.20	
W6	-12.5	6/16/09	1439	-2.29	0.40 Flood	4.30 133	64.3 900	0.32 4.5	139 3897	14.6	7.65	29.33	16,235	2.53	0.06	
W6	-12.5	7/14/09	1326	-2.36	0.37 Ebb	3.36 104	59.0 826	0.31 4.3	111 3125	18.9	7.80	29.47	16,312	4.98	0.05	
W6	-12.5	8/19/09	1426	-1.91	0.67 Flood	4.39 136	70.9 993	1.43 20	134 3777	16.1	7.64	29.98	16,595	5.87	0.04	
W6	-12.5	9/21/09	1617	-2.31	0.30 Flood	3.13 97	47.1 660	0.53 7.4	94 2652	16.8	8.40	30.05	16,633	6.05	0.09	
W6	-12.5	10/22/09	1644	-2.51	0.18 Flood	3.15 98	42.3 592	0.65 9.1	73 2052	17.7	7.67	30.00	16,606	6.02	0.01	
W6	-12.5	11/17/09	919	-2.44	0.30 Ebb	4.65 144	64.6 905	0.83 11.6	183 5130	17.4	7.64	30.05	16,633	6.40	0.03	
W6	-12.5	12/8/09	900	-2.18	0.55 High	3.10 96	34.4 482	0.58 8.1	188 5293	18.5	7.70	29.72	16,451	5.76	0.02	
W6	-12.5	1/6/10	832	-2.16	0.43 High	3.71 115	67.3 942	1.29 18	186 5213	17.9	7.66	29.38	16,263	6.02	0.06	
W6	-12.5	2/2/10	830	-2.06	0.37 Ebb	4.58 142	86.1 1206	0.64 9	163 4588	17.2	7.73	29.58	16,373	5.99	0.09	
W6	-12.5	3/10/10	822	-2.62	0.09 Low	4.88 151	77.6 1087	0.43 6	193 5418	17.9	7.70	29.27	16,202	5.92	0.02	
W6	-12.5	4/6/10	1426	-2.61	0.12 Ebb	4.94 153	71.6 1003	0.36 5	201 5640	17.7	7.66	29.58	16,373	6.57	0.09	
W6	-12.5	5/11/10	1501	-2.11	0.55 High	4.36 135	54.8 768	1.14 16	184 5178	18.4	7.80	29.53	16,346	5.95	0.05	
W6	-12.5	6/16/10	950	-2.24	0.15 Ebb	4.84 150	63.5 890	0.21 3	196 5496	15.7	7.49	29.58	16,373	6.59	0.24	

NELHA Water Quality Laboratory

Well 6 Data Table

6/23/1980 - 12/31/2025

Site	Pump Depth (m)	Date (M/D/Y)	Time (2400)	Depth to H ₂ O (m)	Tide (m) (cycle)	PO ₄ ³⁻ (µM) (µg P/L)	NO ₃ ⁻ & NO ₂ ⁻ (µM) (µg N/L)	NH ₄ ⁺ & NH ₃ (µM) (µg N/L)	Si (µM) (µg Si/L)	Temp. (°C)	pH (unit)	Salinity (PSU)	Chloride (mg/L)	DO (ppm)	Turbidity (NTU)	ORP (mV)
W6	-12.5	7/13/10	1442	-2.24	0.40 Flood	3.58 111	58.1 814	0.36 5	187 5254	16.0	7.74	29.69	16,434	6.49	0.09	
W6	-12.5	8/3/10	1443	-2.19	0.40 Ebb	4.46 138	62.8 879	0.36 5	196 5503	16.0	7.57	29.75	16,467	6.49	0.17	
W6	-12.5	9/14/10	1504	-2.28	0.30 Ebb	4.36 135	64.9 909	0.25 3.5	200 5626	16.4	7.73	29.81	16,501	7.05	0.13	
W6	-12.5	10/12/10	1524	-2.40	0.18 Low	4.16 129	62.5 875	0.46 6.4	198 5560	16.6	7.75	29.92	16,561	6.60	0.23	
W6	-12.5	11/16/10	1406	-2.18	0.34 Ebb	4.46 138	64.5 903	0.09 1.2	195 5466	16.5	7.70	30.02	16,617	6.87	0.19	
W6	-12.5	12/14/10	1436	-2.36	0.15 Ebb	4.46 138	65.5 917	0.19 2.7	194 5446	16.6	7.73	29.90	16,550	6.66	0.12	
W6	-12.5	1/4/11	1418	-2.48	0.15 Flood	4.33 134	67.0 938	0.24 3.3	188 5282	16.8	7.67	29.71	16,445	6.53	0.08	
W6	-12.5	4/5/11	1441	-2.29	0.34 Flood	4.07 126	75.3 1055	0.09 1.3	175 4913	14.8	7.65	29.18	16,152	6.50	0.14	
W6	-12.5	7/11/11	1143	-2.31	0.49 Flood	4.07 126	80.4 1126	0.08 1.1	196 5502	15.8	7.68	28.97	16,036	7.04	0.13	
W6	-12.5	10/11/11	1336	-2.32	0.00 Flood	4.13 128	69.8 978	0.30 4.2	185 5205	15.2	7.59	29.77	16,478	7.03	0.17	
W6	-12.5	1/9/12	1429	-2.53	0.15 Flood	4.52 140	79.3 1111	0.09 1.2	183 5132	15.4	7.67	29.40	16,274	3.71	0.08	
W6	-12.5	4/30/12	1511	-2.28	0.24 Ebb	4.97 154	74.3 1040	0.21 3	186 5231	14.2	7.59	29.59	16,379	6.40	0.03	
W6	-12.5	7/17/12	1538	-1.82	0.73 Flood	4.62 143	84.0 1176	0.28 3.9	189 5309	14.9	7.53	29.82	16,506	5.64	0.09	
W6	-12.5	10/15/12	1316	-2.39	0.24 Flood	4.68 145	105.5 1478	0.14 2	198 5547	15.2	7.52	29.82	16,506	4.29	0.09	
W6	-12.5	1/7/13	1435	-2.39	0.18 Ebb	4.46 138	105.0 1471	0.44 6.1	237 6662	14.8	7.56	29.76	16,473	5.11	0.02	
W6	-12.5	4/8/13	1331	-2.29	0.37 Flood	4.88 151	76.1 1066	0.26 3.6	192 5397	14.3	7.58	29.48	16,318	6.63	0.51	
W6	-12.5	7/16/13	1605	-2.35	0.30 Ebb	4.71 146	70.9 993	0.31 4.3	200 5610	15.5	7.50	29.50	16,329	5.32	0.02	
W6	-12.5	10/14/13	1648	-2.37	0.18 Ebb	4.39 136	58.5 820	0.24 3.3	203 5707	15.9	7.79	29.70	16,440	4.84	0.17	
W6	-12.5	1/14/14	1600	-2.35	0.18 Ebb	5.04 156	88.6 1241	0.38 5.3	199 5598	15.4	7.55	29.66	16,418	5.92	0.04	
W6	-12.5	4/28/14	1536	-2.02	0.52 Flood	5.00 155	107.3 1503	0.26 3.7	193 5432	15.5	7.64	29.07	16,091	5.56	0.02	
W6	-12.5	7/28/14	1541	-2.07	0.49 Flood	4.58 142	70.8 992	0.14 2	192 5402	16.0	7.51	29.61	16,390	4.91	0.06	
W6	-12.5	11/3/14	1307	-2.01	0.46 High	5.13 159	80.1 1122	0.12 1.7	187 5244	17.0	7.60	29.36	16,252	4.80	0.10	
W6	-12.5	2/9/15	1648	-2.33	0.18 Low	7.01 217	104.7 1467	0.33 4.6	217 6083	15.3	7.64	29.22	16,174	6.91	0.38	
W6	-12.5	5/19/15	1045	-2.71	-0.06 Low	4.86 151	85.1 1192	0.24 3.4	186 5220	15.4	7.62	28.95	16,025	5.70	0.02	
W6	-12.5	7/21/15	1335	-2.48	0.18 Low	5.41 168	78.9 1106	0.06 0.8	185 5197	16.6	7.50	30.25	16,744	4.12	0.02	
W6	-12.5	11/9/15	1104	-2.27	0.25 Flood	5.29 164	101.9 1427	0.11 1.6	179 5021	18.2	7.46	29.24	16,185	3.38	0.14	
W6	-12.5	1/26/16	1100	-2.45	0.07 Low	5.82 180	112.4 1574	0.03 0.4	192 5379	17.5	7.48	29.08	16,097	4.86	0.05	
W6	-12.5	4/21/16	1222	-2.43	0.20 Flood	5.18 160	72.4 1013	0.34 4.8	178 5009	16.8	7.13	29.44	16,296	5.67	0.05	
W6	-12.5	7/26/16	932	-2.21	0.20 Flood	5.24 162	52.0 728	0.05 0.7	163 4578	17.1	7.36	29.67	16,423	4.31	0.06	
W6	-12.5	11/10/16	1151	-2.09	0.55 High	5.50 170	60.9 853	0.16 2.3	167 4704	17.8	7.35	29.66	16,418	4.87	0.02	
W6	-12.5	3/21/17	1535	-2.28	0.10 Ebb	6.57 204	115.3 1615	0.26 3.7	181 5084	16.8	7.64	29.79	16,490	4.83	0.03	
W6	-12.5	4/13/17	1448	-2.29	0.35 Flood	6.79 210	101.8 1426	0.26 3.6	179 5033	17.7	7.74	29.58	16,373	2.91	0.05	
W6	-12.5	8/4/17	1139	-2.15	0.30 Flood	6.10 189	62.1 870	0.09 1.2	172 4831	17.6	7.73	30.36	16,805	4.10	0.06	
W6	-12.5	10/19/17	932	-2.41	0.09 Low	5.48 170	51.9 727	0.26 3.6	170 4788	18.3	7.66	29.88	16,539	3.66	0.06	
W6	-12.5	1/17/18	1329	-2.47	0.15 Flood	5.82 180	70.8 992	0.01 0.2	181 5090	17.3	7.56	29.63	16,401	3.62	0.04	

NELHA Water Quality Laboratory

Well 6 Data Table

6/23/1980 - 12/31/2025

Site	Pump Depth (m)	Date (M/D/Y)	Time (2400)	Depth to H ₂ O (m)	Tide (m) (cycle)	PO ₄ ³⁻ (µM) (µg P/L)	NO ₃ ⁻ & NO ₂ ⁻ (µM) (µg N/L)	NH ₄ ⁺ & NH ₃ (µM) (µg N/L)	Si (µM) (µg Si/L)	Temp. (°C)	pH (unit)	Salinity (PSU)	Chloride (mg/L)	DO (ppm)	Turbidity (NTU)	ORP (mV)
W6	-12.5	5/10/18	1136	-2.26	0.35 Flood	6.17 191	67.3 943	0.11 1.6	172 4838	15.8	7.79	33.63	18,615	4.43	0.03	
W6	-12.5	8/20/18	1119	-2.17	0.52 Flood	6.94 215	61.0 854	0.23 3.2	170 4786	17.3	7.65	29.11	16,113	2.00	0.06	
W6	-12.5	10/25/18	1344	-2.31	0.22 Flood	8.08 250	53.3 747	0.04 0.5	172 4838	19.0	7.79	29.57	16,368	1.74	0.05	
W6	-12.5	2/7/19	1357	-2.60	0.18 Flood	8.71 270	80.2 1123	0.01 0.2	169 4733	16.8	7.76	29.52	16,340	4.70	0.06	
W6	-12.5	5/16/19	1151	-2.45	0.35 Flood	8.32 258	61.4 860	0.12 1.7	172 4836	16.9	7.61	30.28	16,761	4.76	0.02	
W6	-12.5	8/29/19	923	-2.53	-0.05 Low	5.75 178	53.2 745	0.24 3.3	163 4590	17.5	7.83	29.80	16,495	4.80	0.03	
W6	-12.5	10/10/19	1357	-1.94	0.50 High	5.48 170	50.6 708	0.56 7.9	173 4857	19.5	7.83	30.17	16,700	4.38	0.08	
W6	-12.5	2/4/20	1424	-2.39	0.10 Ebb	6.77 210	61.6 863	-0.45 -6.3	180 5044	20.9	7.82	31.40	17,381	4.87	0.02	
W6	-12.5	6/2/20	1028	-2.29	0.20 Flood	4.56 141	55.3 775	0.27 3.8	157 4410	18.5	7.73	30.71	16,999	4.53	0.03	
W6	-12.5	8/19/20	932	-2.45	-0.06 Low	3.94 122	60.8 851	0.19 2.7	173 4849	18.5	7.79	28.30	15,665	5.93	0.02	
W6	-12.5	12/9/20	915	-2.11	0.40 Flood	4.67 145	64.2 899	0.17 2.4	160 4500	19.9	7.74	31.56	17,469	4.55	0.09	
W6	-12.5	2/17/21	1013	-2.22	0.25 Ebb	3.63 112	53.3 746	0.14 1.9	140 3923	21.3	7.73	32.40	17,934	3.74	0.05	
W6	-12.5	4/14/21	1053	-2.56	-0.04 Low	4.69 145	69.8 977	0.15 2.1	161 4518	17.9	7.61	30.27	16,755	5.66	0.02	
W6	-12.5	7/7/21	946	-2.57	0.05 Low	4.98 154	83.5 1170	0.06 0.9	161 4514	18.3	7.55	30.34	16,794	3.77	0.06	
W6	-12.5	11/8/21	1130	-2.24	0.30 Ebb	4.92 152	67.0 939	0.18 2.5	169 4754	17.7	7.46	29.57	16,368	3.50	0.04	
W6	-12.5	2/4/22	1342	-2.57	0.10 Flood	6.10 189	82.1 1150	0.09 1.3	191 5365	16.4	7.54	29.19	16,157	4.99	0.02	
W6	-12.5	4/20/22	1053	-2.67	-0.07 Low	3.96 123	66.7 934	0.04 0.6	179 5038	15.5	7.49	29.05	16,080	5.92	0.02	
W6	-12.5	7/12/22	1319	-2.17	0.50 Flood	4.77 148	62.4 874	-0.37 -5.2	178 5011	16.1	7.51	29.41	16,279	5.42	0.04	
W6	-12.5	11/22/22	957	-2.45	0.20 Flood	4.65 144	60.0 841	0.04 0.6	166 4655	15.8	7.56	29.20	16,163	5.02	0.12	
W6	-12.5	1/26/23	913	-2.11	0.45 Ebb	4.75 147	62.4 874	0.09 1.2	170 4779	15.5	7.57	29.19	16,157	5.71	0.04	
W6	-12.5	4/25/23	1349	-2.59	0.02 Low	5.08 157	66.2 927	0.08 1.1	174 4874	14.1	7.48	28.60	15,831	6.93	0.06	
W6	-12.5	8/15/23	936	-2.55	-0.02 Low	4.35 135	22.3 313	-0.04 -0.5	187 5256	14.8	7.47	28.91	16,002	6.76	0.44	
W6	-12.5	11/15/23	1344	-2.32	0.25 Flood	4.15 128	56.9 797	0.18 2.5	163 4583	15.2	7.62	29.05	16,080	6.99	0.26	152.4
W6	-12.5	1/23/24	1009	-2.41	0.41 Low	4.02 124	57.3 802	0.07 1	170 4768	15.8	7.56	29.29	16,213	6.89	0.48	160.4
W6	-12.5	5/7/24	1105	-2.56	0.10 Flood	4.53 140	73.4 1028	-0.19 -2.7	175 4906	15.5	7.58	29.04	16,074	6.12	0.41	226.2
W6	-12.5	7/31/24	1430	-1.8	0.67 High	3.98 123	74.3 1040	2.30 32.2	173 4871	16.4	7.63	29.39	16,268	6.08	0.09	123.7
W6	-12.5	12/10/24	1436	-2.28	0.25 Ebb	3.84 119	66.8 936	0.32 4.5	168 4730	15.3	7.60	28.95	16,025	5.85	0.29	173
W6	-12.5	1/9/25	1406	-2.28	0.12 Ebb	4.49 139	69.9 979	0.29 4.1	179 5039	17.5	7.60	29.86	16,528	5.53	0.24	160.7
W6	-12.5	5/14/25	1047	-2.33	-0.07 Low	4.20 130	65.9 923	0.00 0	171 4805	16.1	7.58	29.30	16,218	5.77	0.27	171.5
W6	-12.5	7/29/25	1359	-2.24	0.20 Flood	4.07 126	67.7 948	0.08 1.1	170 4780	15.5	7.60	28.99	16,047	5.51	0.59	208.9
W6	-12.5	12/17/25	1507	-2.27	0.20 Ebb	4.74 147	53.0 743	0.00 0	421 11834	17.7	7.60	29.73	16,456	4.74	0.14	189.5

NELHA Water Quality Laboratory

Well 6 Data Table

6/23/1989 - 12/31/2005

Site	Pump Depth (m)	Date (M/D/Y)	Time (2400)	Depth to H ₂ O (m)	Tide (m) (cycle)	PO ₄ ³⁻ (µM) (µg P/L)	NO ₃ ⁻ & NO ₂ ⁻ (µM) (µg N/L)	NH ₄ ⁺ & NH ₃ (µM) (µg N/L)	Si (µM) (µg Si/L)	Temp. (°C)	pH (unit)	Salinity (PSU)	Chloride (mg/L)	DO (ppm)	Turbidity (NTU)	ORP (mV)
Mean				-2.31	0.25	4.75 147	74.30 1041	0.20 2.9	189 5303	17.4	7.67	29.60	16,277	5.70	0.11	174.0
Std. Dev.				0.21	0.18	0.95 29	18.49 259	0.23 3.3	40 1120	1.7	0.21	0.75	1,380	1.00	0.12	30.7
Maximum				-1.80	0.73	8.71 270	186 2606	2.30 32.2	421 11834	23.3	8.40	33.63	18,615	8.78	0.59	226.2
Minimum				-2.73	-0.07	2.06 64	22 313	-0.45 -6.3	73 2052	14.1	4.68	27.06	0	0.35	0.01	123.7
n				101	102	308 308	308 308	308 308	302 301	308	308	307	309	306	86	9