

NELHA Water Quality Laboratory

Well 3B Data Table

6/27/1989 - 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)
W3B	-7.32	6/27/89				3.35 104	70.9 993	0.13 2		22.9	7.845	8.049	4,455	7.95		
W3B	-7.32	8/10/89	1405			3.40 105	77.8 1090	0.38 5		22.4	7.821	8.016	4,437	7.33		
W3B	-7.32	8/16/89	1455			2.97 92	64.0 896	0.58 8		22.8	7.827	7.849	4,345	7.47		
W3B	-7.32	8/24/89	1140			3.33 103	72.2 1011	0.38 5		22.7	7.957	7.691	4,257	7.47		
W3B	-7.32	8/29/89	1055			3.44 107	88.3 1237	0.38 5			7.912			7.73		
W3B	-7.32	8/29/89	1055			3.49 108	89.8 1258	0.38 5								
W3B	-7.32	10/30/89	1110			3.33 103	78.6 1101	0.01 0	674 18930	22.6	7.820	7.998	4,427	7.37		
W3B	-7.32	11/16/89	1025			3.46 107	78.2 1095	0.06 1	718 20165	22.4	7.981	7.980	4,417	8.93		
W3B	-7.32	12/12/89	1053			3.44 107	85.2 1193	0.01 0.1	737 20699	22.4	7.943	8.522	4,717	7.95		
W3B	-7.32	1/11/90	1119			2.67 83	71.7 1004	0.00 0.0	744 20896	22.6	7.963	8.670	4,799	7.87		
W3B	-7.32	2/14/90	1420			3.19 99	72.0 1008	0.00 0.0	701 19688	22.6	7.890	8.072	4,468	8.02		
W3B	-7.32	3/7/90	1420			2.83 88	76.5 1072	0.03 0.4	645	22.4	8.027	6.987	3,867	7.65		
W3B	-7.32	4/2/90	1440			2.92 90	70.9 993	0.59 8.3	687 19295	22.8	8.043	7.711	4,268	7.53		
W3B	-7.32	5/17/90	1045			3.20 99	69.6 975	0.10 1.4	662 18593	22.6	7.980	8.261	4,573	7.53		
W3B	-7.32	6/16/90	953			3.47 107	72.8 1020	0.00 0.0	670 18817	23.0	8.067	8.384	4,641	7.68		
W3B	-7.32	7/31/90	1026			3.63 112	73.7 1032	0.01 0.1	684 19210	23.8	8.075	8.277	4,582	7.77		
W3B	-7.32	8/30/90	902			3.24 100	74.7 1046	0.19 2.7	681 19126	22.9	8.050	8.556	4,736	7.49		
W3B	-7.32	9/6/90	1031			3.35 104	75.5 1057	0.04 0.5		23.2	8.053	8.570	4,744	7.49		
W3B	-7.32	10/25/90	1027			3.40 105	73.6 1031	0.03 0.4	705 19800	23.2	8.043	8.345	4,619	7.56		
W3B	-7.32	11/14/90	1044			3.23 100	76.2 1067	0.08 1.1	765 21485	23.1	8.047	8.306	4,597	7.61		
W3B	-7.32	12/19/90	1030			3.13 97	76.3 1069	0.13 1.8	635 17834	23.1	8.065	8.275	4,581	7.61		
W3B	-7.32	1/24/91	835			3.10 96	75.8 1061	0.10 1.4	656 18424	22.2	8.051	7.821	4,329	7.66		
W3B	-7.32	2/7/91	855			2.92 90	62.0 868	0.57 8.0	574 16121	22.8	8.157	6.661	3,687	7.61		
W3B	-7.32	3/12/91	917			2.93 91	72.1 1010	0.06 0.8	631 17722	22.2	8.047	8.152	4,512	7.73		
W3B	-7.32	4/4/91	848			2.88 89	68.6 961	0.13 1.8	647 18171	22.1	8.061	8.390	4,644	7.58		
W3B	-7.32	5/22/91	923			2.91 90	36.0 504	0.00 0.0	770 21626	22.3	8.053	8.322	4,606	7.57		
W3B	-7.32	6/26/91	932			3.06 95	79.6 1115	0.00 0.0	683 19182	22.4	8.036	8.679	4,804	7.68		
W3B	-7.32	7/24/91	1002			2.59 80	56.1 786	0.00 0.0	670 18817	19.7	8.052	8.381	4,639	7.81		
W3B	-7.32	8/23/91	857			3.02 94	83.3 1167	0.00 0.0	703 19744	22.6	8.012	8.362	4,629	7.84		
W3B	-7.32	9/24/91	851			3.07 95	77.3 1083	0.00 0.0	671 18845	22.5	8.003	8.618	4,770	7.72		
W3B	-7.32	10/23/91	857			3.04 94	77.4 1084	0.00 0.0	949 26653	22.7	8.047	8.434	4,668	7.75		
W3B	-7.32	11/20/91	833			3.67 114	73.3 1027	0.00 0.0	792 22244	22.8	8.042	8.311	4,600	7.89		
W3B	-7.32	12/11/91	915			3.09 96	78.3 1097	0.00 0.0	684 19210	22.8	8.048	8.317	4,604	7.85		
W3B	-7.32	1/29/92	905			3.11 96	77.0 1079	0.00 0.0	671 18845	22.7	8.049	8.544	4,729	7.85		
W3B	-7.32	2/19/92	934			3.10 96	76.5 1072	0.00 0.0	630 17694	22.7	8.059	8.482	4,695	7.93		

NELHA Water Quality Laboratory

Well 3B Data Table

6/27/1990 - 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)
W3B	-7.32	3/17/92	846			3.03 94	76.9 1077	0.00 0.0	686 19267	22.4	8.060	8.380	4,639	8.06		
W3B	-7.32	4/8/92	834			3.15 98	76.4 1070	0.00 0.0	669 18789	22.5	8.049	8.327	4,609	8.04		
W3B	-7.32	5/6/92	847			3.11 96	75.8 1062	0.00 0.0	724 20334	22.4	8.037	8.448	4,676	7.97		
W3B	-7.32	6/23/92	846			3.13 97	76.0 1065	0.07 1.0	731 20531	22.5	8.034	8.538	4,726	8.09		
W3B	-7.32	7/29/92	833			2.96 92	73.7 1033	ND 0.0	710 19941	22.2	8.015	8.562	4,739	7.96		
W3B	-7.32	8/26/92	821			3.31 103	87.8 1230	0.00 0.0	725 20362	22.5	8.019	8.661	4,794	7.77		
W3B	-7.32	9/22/92	818			3.17 98	79.5 1114	0.00 0.0	731 20531	22.6	8.040	8.538	4,726	7.83		
W3B	-7.32	10/27/92	841			3.40 105	80.2 1123	0.00 0.0	730 20502	22.8	8.054	8.203	4,541	7.97		
W3B	-7.32	11/17/92	858			3.16 98	81.9 1147	0.04 0.6	727 20418	22.8	8.062	8.169	4,522	7.94		
W3B	-7.32	12/8/92	840			3.17 98	81.1 1136	0.02 0.3	729 20474	22.7	8.047	8.392	4,645	7.87		
W3B	-7.32	1/26/93	855			3.06 95	76.1 1066	0.11 1.5	710 19927	22.6	8.059	8.546	4,730	7.76		
W3B	-7.32	2/23/93	827			3.01 93	80.9 1133	0.04 0.6	728 20455	22.4	8.062	8.701	4,816	7.78		
W3B	-7.32	3/16/93	827			3.13 97	78.8 1104	0.00 0.0	726 20390	22.3	8.056	8.745	4,841	7.83		
W3B	-7.32	4/27/93	832			3.14 97	82.6 1157	0.07 1.0	736 20671	22.1	8.051	8.369	4,632	7.99		
W3B	-7.32	5/25/93	823			3.16 98	81.7 1144	0.32 4.5	737 20699	22.4	8.042	8.468	4,687	7.89		
W3B	-7.32	6/28/93	902			3.11 96	81.6 1143	0.00 0.0	729 20474	22.5	8.044	8.435	4,669	7.92		
W3B	-7.32	8/9/93	845			3.20 99	80.8 1132	0.00 0.0	668 18770	22.5	8.020	8.717	4,825	7.84		
W3B	-7.32	WELL SET RELOCATED														
W3B	-7.32	6/21/94	817			3.45 107	84.8 1187	0.17 2.4	688 19323	22.3	8.026	8.137	4,504	7.97		
W3B	-7.32	8/23/94	849			3.46 107	89.5 1253	0.28 3.9	953 26764	22.6	8.028	7.873	4,358	8.01		
W3B	-7.32	10/25/94	908			3.41 106	83.2 1165	0.30 4.2	683 19185	22.1	8.038	8.032	4,446	7.94		
W3B	-7.32	11/28/94	1236			3.48 108	86.2 1208	0.23 3.2	680 19087	22.9		8.048	4,455			
W3B	-7.32	12/13/94	928			3.38 105	86.7 1215	0.00 0.0	726 20379	22.7		8.106	4,487			
W3B	-7.32	1/24/95	905			3.43 106	84.1 1178	0.22 3.1	670 18820	22.5	8.056	8.429	4,666	7.86		
W3B	-7.32	2/14/95	848			3.38 105	84.3 1181	0.20 2.8	677 19008	22.6	8.057	8.526	4,719	7.82		
W3B	-7.32	3/14/95	937			3.38 105	84.1 1177	0.10 1.4	674 18927	22.6	8.040	7.977	4,415	7.99		
W3B	-7.32	4/25/95	1004			3.42 106	84.9 1188	0.17 2.4	713 20022	22.1	8.055	7.916	4,382	8.02		
W3B	-7.32	5/9/95	850			3.40 105	84.6 1185	0.08 1.1	714 20039	22.4	8.020	7.663	4,242	7.95		
W3B	-7.32	6/27/95	907			3.33 103	85.0 1190	0.28 3.9	681 19121	22.6	8.036	7.905	4,376	8.10		
W3B	-7.32	7/25/95	922			3.28 102	85.1 1192	0.22 3.1	691 19413	22.7	8.015	7.960	4,406	7.82		
W3B	-7.32	8/22/95	1010			3.26 101	84.2 1179	0.27 3.8	694 19477	22.8	8.020	7.997	4,427	7.78		
W3B	-7.32	9/12/95	752			3.38 105	85.4 1196	0.09 1.3	691 19399	20.5	8.072	7.990	4,423	7.81		
W3B	-7.32	10/17/95	926			3.41 106	83.0 1163	0.19 2.7	695 19522	22.9	8.051	8.191	4,534	7.78		
W3B	-7.32	11/7/95	846			3.53 109	86.0 1205	0.17 2.4	688 19331	22.8	8.081	7.990	4,423	7.83		
W3B	-7.32	12/6/95	855			3.32 103	84.4 1182	0.16 2.2	689 19337	23.0	8.085	8.249	4,566	7.75		

NELHA Water Quality Laboratory

Well 3B Data Table

6/27/1990 - 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)
W3B	-7.32	6/17/96	931			3.23 100	85.0 1191	0.02 0.3	690 19385	22.7	8.104	8.152	4,512	7.79		
W3B	-7.32	2/27/96	941			3.25 101	82.0 1148	0.07 1.0	686 19255	23.1	8.054	7.975	4,414	7.81		
W3B	-7.32	3/13/96	1011			3.13 97	79.0 1107	0.15 2.1	661 18569	23.2	8.030	7.358	4,073	7.92		
W3B	-7.32	4/2/96	826			3.25 101	80.3 1125	0.06 0.8	665 18679	22.7	8.003	7.811	4,324	7.89		
W3B	-7.32	5/15/96	939			3.37 104	83.4 1167	0.20 2.8	672 18875	23.8	8.002	8.154	4,513	7.73		
W3B	-7.32	6/18/96	905			3.34 103	84.7 1187	0.11 1.5	717 20150	23.0	8.034	8.202	4,540	7.81		
W3B	-7.32	7/17/96	938			3.33 103	87.3 1223	0.14 2.0	729 20486	23.2	8.046	7.916	4,382	7.90		
W3B	-7.32	8/6/96	947			3.29 102	87.8 1230	0.15 2.1	684 19218	23.4	8.034	8.023	4,441	7.82		
W3B	-7.32	9/4/96	1000			3.39 105	89.8 1258	0.17 2.4	711 19976	23.5	8.039	7.837	4,338	7.84		
W3B	-7.32	10/9/96	948			3.37 104	91.5 1281	0.17 2.4	681 19113	23.4	8.045	7.375	4,082	8.43		
W3B	-7.32	11/6/96	934			3.34 103	92.0 1289	0.14 2.0	699 19627	23.4	7.827	7.489	4,145	8.01		
W3B	-7.32	12/17/96	1002			3.24 100	86 1200	0.20 2.8	666 18702	22.8	8.008	7.864	4,353	7.94		
W3B	-7.32	1/14/97	1025			2.82 87	75 1057	0.03 0.4	629 17671	23.7	8.039	6.519	3,608	7.94		
W3B	-7.32	2/10/97	1105			3.00 93	79 1112	0.13 1.8	651 18278	24.1	8.020	6.812	3,771	7.91		
W3B	-7.32	3/10/97	1112			3.04 94	84 1178	0.03 0.4	682 19154	23.5	8.035	7.200	3,985	7.97		
W3B	-7.32	4/23/97	933			3.20 99	85 1196	0.13 1.8	570 16009	23.0	8.041	7.284	4,032	7.59		
W3B	-7.32	5/28/97	841			3.27 101	91 1270	0.04 0.6	599 16822	23.1	8.055	7.390	4,091	7.88		
W3B	-7.32	6/17/97	940			3.23 100	84 1178	0.15 2.1	624 17520	22.4	8.053	7.245	4,010	7.83		
W3B	-7.32	7/15/97	931			3.38 105	94 1314	0.05 0.7	692 19435	23.1	8.045	7.097	3,928	7.89		
W3B	-7.32	8/26/97	945			3.25 101	93 1307	0.19 2.7	687 19284	23.3	8.112	7.209	3,990	7.85		
W3B	-7.32	9/23/97	1140			3.26 101	90 1259	0.26 3.6	673 18910	23.8	8.138	7.710	4,268	7.61		
W3B	-7.32	10/15/97	908			3.21 99	98.8 1384	0.03 0.4	670 18817	23.3	8.147	6.770	3,747	7.86		
W3B	-7.32	11/4/97	1025			3.30 102	94.0 1317	0.04 0.6	669 18792	23.3	8.158	7.590	4,201	7.57		
W3B	-7.32	12/16/97	942			3.31 103	86.9 1217	0.01 0.1	675 18949	23.1	8.154	7.676	4,249	7.87		
W3B	-7.32	1/5/98	1221			3.31 103	88.5 1240	0.06 0.8	671 18844	23.1	8.167	7.734	4,281	7.86		
W3B	-7.32	2/3/98	1038			3.26 101	84.9 1189	0.05 0.7	684 19208	22.9	8.145	7.915	4,381	7.88		
W3B	-7.32	3/10/98	1054			3.43 106	86 1201	0.05 0.7	676 18985	22.8	8.017	8.102	4,485	7.90		
W3B	-7.32	4/14/98	920			3.46 107	87 1214	0.03 0.4	681 19129	22.6	8.035	8.024	4,441	7.93		
W3B	-7.32	5/12/98	1045			3.44 107	85.6 1199	0.09 1.3	672 18885	22.9	8.029	8.416	4,658	7.84		
W3B	-7.32	6/2/98	1038			3.41 106	85 1184	0.05 0.7	668 18770	22.6	8.024	8.743	4,839	7.81		
W3B	-7.32	7/14/98	1048			3.41 106	81.6 1142	0.09 1.3	677 19022	22.8	8.021	8.423	4,662	7.77		
W3B	-7.32	8/11/98	1107			3.48 108	85.7 1200	0.07 1.0	682 19143	22.7	8.007	8.335	4,614	7.69		
W3B	-7.32	9/15/98	1141			3.48 108	87.1 1220	0.07 1.0	684 19208	22.9	8.008	8.047	4,454	8.05		
W3B	-7.32	10/13/98	1015			3.46 107	88.8 1244	0.04 0.6	695 19517	23.0	8.025	7.793	4,314	8.62		
W3B	-7.32	11/4/98	1048			3.40 105	86.9 1217	0.11 1.5	722 20269	23.1	8.022	8.078	4,471	7.88		

NELHA Water Quality Laboratory

Well 3B Data Table

6/27/1999 - 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)
W3B	-7.32	12/16/98	1028			3.41 106	84 1171	0.08 1.1	679 19056	23.1	8.013	8.628	4,776	7.79		
W3B	-7.32	1/12/99	1103			3.29 102	82 1154	0.04 0.6	680 19107	23.2	8.015	8.610	4,766	7.89		
W3B	-7.32	2/3/99	1051			2.80 87	82.7 1158	0.12 1.7	669 18784	23.0	8.002	9.005	4,985	7.81		
W3B	-7.32	3/2/99	1059			3.34 103	78.8 1104	0.14 2.0	664 18654	22.7	8.004	9.055	5,012	8.54		
W3B	-7.32	4/6/99	1049			3.26 101	83.5 1170	0.06 0.8	686 19269	22.8	8.026	8.279	4,583	8.03		
W3B	-7.32	5/4/99	1054			3.27 101	77.5 1086	0.11 1.5	664 18635	22.6	8.001	8.883	4,917	7.81		
W3B	-7.32	6/2/99	1038			3.37 104	83.5 1170	0.06 0.8	731 20531	23.0	8.021	8.325	4,608	7.89		
W3B	-7.32	7/7/99	1111			3.37 104	79.2 1109	0.04 0.6	685 19244	23.1	8.005	8.723	4,828	7.84		
W3B	-7.32	8/25/99	1044			3.37 104	84.9 1189	0.09 1.3	688 19328	23.0	8.063	8.269	4,577	8.01		
W3B	-7.32	9/8/99	1047			3.40 105	88.4 1238	0.07 1.0	699 19618	23.0	8.088	8.207	4,543	7.97		
W3B	-7.32	10/6/99	1052			3.47 107	84.3 1180	0.06 0.8	656 18413	23.0	8.062	8.182	4,529	7.94		
W3B	-7.32	11/3/99	1106			3.31 103	81.2 1137	0.02 0.3	677 19011	23.3	8.071	8.394	4,646	7.89		
W3B	-7.32	12/15/99	1123			3.37 104	83.8 1174	0.09 1.3	692 19432	23.0	8.039	7.988	4,422	7.61		
W3B	-7.32	1/11/00	1058			3.30 102	85.4 1196	0.07 1.0	679 19078	23.0	8.016	8.885	4,918	7.62		
W3B	-7.32	2/14/00	1115			3.35 104	81.8 1146	0.09 1.3	641 17992	22.7	8.053	8.799	4,870	7.70		
W3B	-7.32	3/22/00	1125			3.11 96	82.0 1149	0.16 2.2	686 19267	22.5	8.062	8.742	4,839	7.78		
W3B	-7.32	4/12/00	1108			3.39 105	81.9 1147	0.07 1.0	678 19048	22.8	8.052	8.907	4,930	7.74		
W3B	-7.32	5/17/00	1045			3.30 102	82.5 1156	0.16 2.2	680 19101	22.6	8.061	8.576	4,747	7.85		
W3B	-7.32	6/6/00	1123			3.28 102	85.4 1196	0.15 2.1	680 19101	22.8	8.051	8.540	4,727	7.85		
W3B	-7.32	7/31/00	1112			3.28 102	79.8 1118	0.10 1.4	652 18312	22.9	8.049	9.098	5,036	7.63		
W3B	-7.32	8/30/00	1117			3.32 103	83.3 1167	0.26 3.6	685 19241	22.8	8.029	8.482	4,695	7.77		
W3B	-7.32	9/6/00	1056			3.30 102	83.0 1163	0.12 1.7	689 19357	23.2	8.034	8.275	4,580	7.81		
W3B	-7.32	10/25/00	1033			3.34 103	81.6 1143	0.35 4.9	706 19831	23.3	8.029	8.334	4,613	7.49		
W3B	-7.32	11/14/00	1047			2.90 90	74.7 1046	0.15 2.1	640 17978	23.5	8.033	7.347	4,067	7.54		
W3B	-7.32	12/19/00	1038			3.18 98	80.7 1130	0.23 3.2	677 19000	23.1	8.028	8.360	4,627	7.46		
W3B	-7.32	1/24/01	1032			3.38 105	83.5 1170	0.06 0.8	688 19334	23.2	8.025	8.298	4,593	7.41		
W3B	-7.32	2/7/01	1101			3.18 98	81.5 1142	0.07 1.0	683 19168	23.0	8.035	8.631	4,777	7.26		
W3B	-7.32	3/12/01	1046			3.28 102	74.5 1043	0.06 0.8	666 18716	23.1	7.995	8.654	4,790	7.26		
W3B	-7.32	4/18/01	1038			3.30 102	82.8 1160	0.01 0.1	682 19143	23.0	7.991	8.594	4,757	7.92		
W3B	-7.32	5/14/01	914			4.91 152	84.7 1186	0.07 1.0	693 19472	22.9	8.003	8.713	4,823	7.86		
W3B	-7.32	6/13/01	1055			3.54 110	84.7 1187	0.06 0.8	692 19441	22.8	8.020	8.413	4,657	8.00		
W3B	-7.32	7/25/01	1015			3.57 111	87.3 1222	0.08 1.1	677 19014	22.9	8.004	8.543	4,729	7.89		
W3B	-7.32	8/20/01	1009			3.30 102	86.6 1213	0.10 1.4	684 19219	23.5	8.017	8.462	4,684	7.79		
W3B	-7.32	9/18/01	1047			3.36 104	88.2 1235	0.11 1.5	683 19174	23.4	8.014	8.098	4,482	7.83		
W3B	-7.32	10/9/01	1038			3.55 110	89.5 1254	0.05 0.7	685 19244	23.4	8.009	8.076	4,470	7.92		

NELHA Water Quality Laboratory

Well 3B Data Table

6/27/1990 - 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)
W3B	-7.32	11/6/01	1005			3.32 103	92.7 1298	0.17 2.4	693 19469	23.2	8.020	8.142	4,507	7.92		
W3B	-7.32	12/18/01	1000			2.81 87	86.5 1212	0.09 1.3	674 18938	23.5	7.999	8.234	4,558	7.78		
W3B	-7.32	1/8/02	1014			3.24 100	86.2 1207	0.11 1.5	673 18913	23.2	8.010	8.231	4,556	7.50		
W3B	-7.32	2/27/02	1013			3.34 103	89.0 1246	0.10 1.4	694 19497	23.0	8.597	8.402	4,651	7.43		
W3B	-7.32	3/19/02	1020			2.90 90	78.4 1099	0.09 1.3	629 17671	22.7	8.040	7.287	4,034	7.49		
W3B	-7.32	4/9/02	1012			3.34 103	85.5 1198	0.07 1.0	664 18638	22.9	7.987	7.825	4,331	7.43		
W3B	-7.32	5/21/02	1015			3.20 99	85.0 1190	0.08 1.1	670 18826	23.1	8.011	8.202	4,540	7.94		
W3B	-7.32	6/18/02	1028			3.33 103	89.7 1257	0.26 3.6	681 19135	22.8	8.010	8.475	4,691	8.84		
W3B	-7.32	7/17/02	1006			3.18 98	89.2 1249	0.09 1.3	668 18764	23.0	8.015	8.770	4,854	7.70		
W3B	-7.32	8/22/02	1024			3.38 105	87.4 1224	0.13 1.8	682 19154	23.0	8.019	8.297	4,593	7.85		
W3B	-7.32	9/24/02	1059			3.30 102	91.3 1279	0.11 1.5	691 19404	23.4	8.047	8.324	4,608	7.92		
W3B	-7.32	10/16/02	1039			3.13 97	92.7 1299	0.13 1.8	666 18705	23.4	8.024	7.664	4,242	7.93		
W3B	-7.32	11/6/02	1024			3.26 101	93.5 1309	0.12 1.7	664 18657	23.6	8.007	7.792	4,313	7.88		
W3B	-7.32	12/19/02	1112			3.28 102	89.1 1248	0.08 1.1	674 18927	23.5	8.017	8.370	4,633	7.81		
W3B	-7.32	1/22/03	1102			3.32 103	85.1 1192	0.28 3.9	668 18758	23.1	8.023	8.559	4,738	7.91		
W3B	-7.32	2/20/03	1015			3.10 96	87.0 1218	0.16 2.2	665 18680	23.5	8.019	8.627	4,775	7.81		
W3B	-7.32	3/18/03	954			3.30 102	85.8 1202	0.06 0.8	674 18930	23.1	8.029	8.573	4,745	7.82		
W3B	-7.32	4/29/03	1010			3.47 107	90.7 1271	0.42 5.9	675 18961	23.2	8.051	8.183	4,530	7.94		
W3B	-7.32	5/13/03	1037			3.48 108	87.7 1228	0.62 8.7	680 19084	23.0	8.064	7.972	4,413	8.02		
W3B	-7.32	6/5/03	1005			3.39 105	85.2 1193	0.38 5.3	670 18814	23.0	8.060	8.337	4,615	7.97		
W3B	-7.32	7/31/03	1025			3.27 101	94.4 1322	0.27 3.8	674 18927	23.5	8.026	8.537	4,725	7.31		
W3B	-7.32	8/27/03	1043			3.38 105	95.6 1339	0.70 9.8	680 19101	23.3	8.029	8.132	4,501	8.14		
W3B	-7.32	9/17/03	1010			3.46 107	96.6 1352	0.35 4.9	690 19368	23.4	8.036	7.900	4,373	8.22		
W3B	-7.32	10/7/03	1011			3.38 105	96.7 1355	1.11 15.5	687 19286	23.5	8.027	8.098	4,482	NA		
W3B	-7.32	11/4/03	952			3.32 103	90.3 1265	0.44 6.2	688 19314	23.3	8.051	8.179	4,527			
W3B	-7.32	11/14/03	1127							23.7				8.02		
W3B	-7.32	12/16/03	949			3.28 102	94.5 1324	0.40 5.6	701 19677	23.5	8.025	8.489	4,699	7.90		
W3B	-7.32	1/27/04	1010			3.10 96	89.3 1251	0.12 1.7	660 18525	23.2	8.040	8.147	4,510	7.53		
W3B	-7.32	2/10/04	1007			3.14 97	88.6 1241	0.15 2.1	630 17697	23.7	8.006	8.172	4,523	7.83		
W3B	-7.32	3/15/04	1011			2.88 89	78.9 1106	0.07 1.0	617 17320	23.4	8.059	6.319	3,498	7.60		
W3B	-7.32	4/21/04	922			3.14 97	91.6 1283	0.02 0.3	663 18623	22.9	8.034	7.700	4,262	7.88		
W3B	-7.32	5/12/04	917			3.14 97	94.3 1321	0.09 1.3	663 18626	23.3	8.051	7.58	4,196	8.09		
W3B	-7.32	6/7/04	952			3.20 99	95.5 1338	0.18 2.5	653 18337	23.0	8.043	7.49	4,146	7.99		
W3B	-7.32	7/8/04	1022			3.16 98	90.5 1267	0.08 1.1	676 18977	23.1	8.097	7.90	4,373	7.73		
W3B	-7.32	8/24/04	950			3.14 97	94.7 1327	0.10 1.4	653 18351	23.6	8.048	7.32	4,052	7.86		

NELHA Water Quality Laboratory

Well 3B Data Table

6/27/1990 - 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)
W3B	-7.32	9/28/04	1005			3.42 106	106 1483	0.20 2.8	719 20179	23.5	8.023	7.57	4,190	7.86		
W3B	-7.32	10/5/04	1055			3.16 98	101 1419	0.13 1.8	676 18972	23.6	8.046	7.74	4,284	7.82		
W3B	-7.32	11/8/04	946			3.34 103	94.5 1323	0.19 2.7	679 19064	23.6	8.054	7.79	4,312	7.86		
W3B	-7.32	12/7/04	957			3.20 99	101 1420	0.16 2.2	673 18899	23.7	8.086	7.34	4,063	7.89		
W3B	-7.32	1/11/05	945			2.94 91	86.4 1210	0.08 1.1	662 18579	23.7	8.115	7.144	3,954	7.83		
W3B	-7.32	2/8/05	945			2.78 86	83.7 1172	0.20 2.8	626 17582	23.5	8.112	6.373	3,528	7.89		
W3B	-7.32	3/16/05	1028			3.01 93	99.4 1392	0.20 2.8	640 17974	23.3	8.079	7.300	4,041	7.83		
W3B	-7.32	4/18/05	1036			3.26 101	91.3 1279	0.11 1.5	675 18963	23.4	8.083	7.553	4,181	7.91		
W3B	-7.32	5/24/05	953			3.18 98	99.5 1394	0.18 2.5	672 18876	23.3	8.012	8.068	4,466	7.80		
W3B	-7.32	6/13/05	1014			3.26 101	95.9 1344	0.18 2.5	677 19020	23.3	8.045	8.080	4,472	7.78		
W3B	-7.32	7/11/05	1015			3.47 107	91.4 1280	0.16 2.2	673 18890	23.1	8.049	7.541	4,174	10.60		
W3B	-7.32	8/10/05	930			3.32 103	89.0 1246	0.16 2.2	670 18809	23.3	8.053	7.869	4,356	7.81		
W3B	-7.32	9/21/05	923			3.30 102	96.1 1347	0.12 1.7	665 18668	23.5	8.054	8.058	4,460	7.81		
W3B	-7.32	10/18/05	948			3.36 104	94.0 1316	0.14 2.0	668 18770	23.4	8.038	8.112	4,490	7.77		
W3B	-7.32	11/3/05	908			3.38 105	97.7 1369	0.18 2.5	685 19241	23.3	8.052	8.239	4,561	7.58		
W3B	-7.32	12/21/05	1020			3.34 103	91.4 1281	0.14 2.0	674 18938	23.4	8.076	8.277	4,582	7.83		
W3B	-7.32	1/24/06	927			3.42 106	94.2 1319	0.14 2.0	679 19076	22.9	8.042	8.431	4,667	7.79		
W3B	-7.32	2/15/06	925			3.37 104	93.0 1302	0.16 2.2	667 18741	23.0	8.046	8.651	4,789	7.76		
W3B	-7.32	3/21/06	918			3.26 101	94.0 1317	0.10 1.4	674 18930	22.7	8.065	8.566	4,742	7.77		
W3B	-7.32	4/26/06	933			3.30 102	91.2 1278	0.05 0.7	663 18621	22.6	8.046	8.31	4,600	7.76		
W3B	-7.32	5/23/06	1003			2.99 93	90.0 1261	0.05 0.7	660 18536	22.8	8.035	8.686	4,808	7.61		
W3B	-7.32	6/27/06	1000			3.33 103	94.1 1318	0.21 2.9	670 18817	22.9	8.027	8.661	4,794	7.73		
W3B	-7.32	7/18/06	959			3.25 101	87.1 1220	0.11 1.5	661 18565	23	8.014	9.001	4,982	8.16		
W3B	-7.32	8/8/06	939			3.16 98	93.0 1303	0.05 0.7	671 18845	22.9	8.031	8.304	4,596	8.11		
W3B	-7.32	9/19/06	1036			3.25 101	90.5 1268	0.07 1.0	668 18761	23.6	8.023	8.347	4,620	8.06		
W3B	-7.32	10/24/06	1015			3.12 97	84.3 1181	0.23 3.2	639 17947	23.2	8.057	7.175	3,972	8.05		
W3B	-7.32	11/28/06	954			3.40 105	87.3 1223	0.27 3.8	651 18284	23.5	8.027	8.092	4,479	7.97		
W3B	-7.32	12/12/06	946			3.15 98	86.4 1210	0.16 2.2	648 18199	23.4	8.021	8.369	4,632	7.89		
W3B	-7.32	1/9/07	1014			3.22 100	88.1 1234	0.26 3.6	651 18284	23	8.034	8.730	4,832	7.84		
W3B	-7.32	2/22/07	1000			3.15 98	91.6 1283	0.19 2.7	657 18452	23.2	8.009	8.887	4,919	7.84		
W3B	-7.32	3/6/07	1025			3.18 98	93.4 1308	0.21 2.9	666 18705	23.1	8.049	8.549	4,732	8.01		
W3B	-7.32	4/11/07	1147			3.23 100	87.3 1223	0.19 2.7	671 18845	23.4	8.048	8.520	4,716	7.67		
W3B	-7.32	5/3/07	1000			3.35 104	93.7 1312	0.24 3.4	686 19267	23.5	8.067	8.471	4,689	7.65		
W3B	-7.32	6/19/07	935			3.13 97	90.8 1272	0.17 2.4	649 18227	23.3	8.066	8.664	4,796	8.13		
W3B	-7.32	7/26/07	1040	-6.00	0.37 Flood	3.09 96	99.6 1395	0.04 0.5	661 18576	23.5	7.97	8.19	4,533	7.27		

NELHA Water Quality Laboratory

Well 3B Data Table

6/27/1990 - 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)
W3B	-7.32	8/28/07	1023	-6.02	0.00 Low	3.45 107	102.0 1429	0.51 7.2	929 26085	24.2	7.90	8.14	4,506	7.24		
W3B	-7.32	9/13/07	1215	-5.94	0.15 Low	3.51 109	103.0 1443	0.74 10.4	751 21104	24.0	8.02	8.29	4,589	6.82		
W3B	-7.32	10/24/07	1126	-5.94	0.30 Flood	3.37 105	108.3 1517	0.01 0.2	658 18466	23.5	8.04	8.12	4,495	7.16		
W3B	-7.32	11/26/07	1437	-5.26	0.09 Flood	3.58 111	101.0 1414	0.60 8.5	739 20751	23.3	8.10	8.52	4,716	7.29		
W3B	-7.32	12/20/07	1114	-5.82	0.23 High	2.72 84	81.8 1146	0.55 7.7	525 14748	23.5	8.06	6.26	3,465	7.26		
W3B	-7.32	1/28/08	1419	-6.02	0.06 Low	2.96 92	79.6 1115	0.31 4.3	398 11178	23.2	7.91	8.23	4,556	6.92		
W3B	-7.32	2/27/08	1153	-5.79	0.06 Low	3.32 103	98.1 1374	0.63 8.8	630 17693	23.2	7.90	8.31	4,600	7.42		
W3B	-7.32	3/20/08	1211	-6.04	0.12 Flood	3.24 100	108.7 1522	0.07 1	618 17363	23.0	7.98	8.25	4,567	7.07		
W3B	-7.32	4/28/08	1155	-6.00	0.18 High	3.08 95	102.2 1432	0.19 2.6	643 18057	23.1	7.96	8.22	4,550	6.83		
W3B	-7.32	5/29/08	1007		0.30 Flood	2.96 92	102.7 1438	0.12 1.7	640 17969	23.7	7.98	8.17	4,522	7.25		
W3B	-7.32	6/19/08	1049	-6.22	0.21 Ebb	2.87 89	99.0 1387	0.18 2.5	641 18014	25.3	7.86	8.35	4,622	6.55	0.21	
W3B	-7.32	7/24/08	1009	-5.74	0.46 Ebb	2.99 93	125.3 1756	0.72 10.1	650 18246	23.1	7.89	8.10	4,484	7.21		
W3B	-7.32	8/30/08	1033		0.06 Flood	2.68 83	96.8 1356	0.29 4.0	529 14866	23.2	7.98	8.44	4,672	7.27		
W3B	-7.32	9/18/08	920	-5.58	0.34 Ebb	1.12 35	37.0 519	1.29 18.0	345 9698	23.1	7.85	8.16	4,517	7.20	0.13	
W3B	-7.32	10/28/08	922	-5.83	0.24 Ebb	3.32 103	102.3 1433	0.47 6.6	623 17510	24.4	7.72	8.01	4,434	7.35	0.7	
W3B	-7.32	11/13/08	942	-5.80	0.15 Ebb	2.99 93	98.0 1372	0.06 0.9	537 15082	24.9	7.84	7.93	4,389	7.19	0.37	
W3B	-7.32	12/15/08	1025	-5.67	0.37 Ebb	3.28 102	106.9 1497	0.33 4.6	596 16735	24.5	8.16	7.83	4,334	7.51		
W3B	-7.32	1/21/09	934	-5.99	0.12 Low	2.56 79	100.0 1400	0.14 1.9	574 16135	24.3	8.16	7.08	3,919	7.54	0.12	
W3B	-7.32	2/23/09	1515	-5.83	0.37 High	3.02 93	104.6 1466	1.04 14.6	637 17898	23.8	7.99	8.39	4,644	7.56	0.33	
W3B	-7.32	3/16/09	809	-5.94	0.18 High	3.17 98	81.6 1143	0.54 7.6	540 15162	25.9	7.91	8.56	4,738	7.13	0.09	
W3B	-7.32	4/20/09	1512	-5.81	0.43 High	3.94 122	92.0 1289	0.46 6.4	418 11753	24.3	7.91	8.55	4,733	7.93	1.30	
W3B	-7.32	5/27/09	755	-5.91	0.15 Ebb	3.66 114	92.0 1288	0.21 3.0	669 18798	22.5	7.83	8.64	4,782	6.88	0.11	
W3B	-7.32	6/18/09	1016	-5.80	0.34 Flood	2.84 88	65.5 917	0.49 6.8	269 7546	22.7	8.11	8.11	4,489	8.12	0.11	
W3B	-7.32	7/14/09	825	-5.82	0.37 Flood	2.31 72	48.3 677	0.23 3.2	366 10281	22.5	8.17	8.63	4,777	7.71	0.04	
W3B	-7.32	8/19/09	848	-6.01	0.03 Low	3.55 110	103.4 1449	0.51 7.2	491 13782	23.0	7.98	7.93	4,389	7.39	0.05	
W3B	-7.32	9/22/09	859	-5.63	0.46 Ebb	1.89 58	44.4 622	0.12 1.7	254 7144	23.2	8.05	8.57	4,744	7.63	0.05	
W3B	-7.32	10/22/09	1324	-5.95	0.18 Ebb	3.13 97	89.9 1259	0.27 3.8	254 7140	23.5	8.07	8.63	4,777	7.78	0.04	
W3B	-7.32	11/16/09	1429	-5.98	0.21 High	3.50 108	96.7 1355	0.81 11.3	632 17762	23.4	8.04	8.79	4,865	7.03	0.03	
W3B	-7.32	12/7/09	1404	-6.02	0.09 Ebb	3.39 105	100.9 1413	0.29 4.0	543 15240	23.8	8.00	8.88	4,915	6.40	0.02	
W3B	-7.32	1/5/10	1138	-5.78	0.21 Ebb	3.00 93	93.0 1302	0.64 9.0	584 16396	23.8	8.05	8.87	4,910	7.82	0.39	
W3B	-7.32	2/1/10	1159	-5.92	-0.09 Low	3.49 108	103.5 1450	1.36 19.0	596 16748	22.9	8.08	8.60	4,760	7.21	0.06	
W3B	-7.32	3/9/10	1202	-5.98	0.15 High	3.58 111	93.6 1311	0.14 2.0	587 16483	22.8	8.04	8.88	4,915	7.46	1.04	
W3B	-7.32	4/6/10	1048	-6.00	0.15 High	3.58 111	93.8 1314	0.36 5.0	642 18025	22.6	8.06	8.92	4,937	8.02	0.25	
W3B	-7.32	5/11/10	1110	-5.98	0.21 Flood	3.52 109	83.8 1174	2.21 31.0	564 15834	22.7	8.08	8.12	4,495	7.99	0.15	
W3B	-7.32	6/15/10	1158	-6.15	0.06 Low	3.10 96	80.7 1130	0.36 5.0	546 15327	22.6	8.10	8.43	4,666	7.79	0.21	

NELHA Water Quality Laboratory

Well 3B Data Table

6/27/1990 - 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)
W3B	-7.32	7/13/10	1110	-6.05	0.00 Low	3.45 107	95.2 1333	1.14 16.0	687 19308	22.6	8.06	8.64	4,782	7.64	0.09	
W3B	-7.32	8/3/10	1116	-5.58	0.55 High	3.78 117	99.0 1387	0.40 5.6	687 19293	22.8	8.09	8.13	4,500	7.79	0.22	
W3B	-7.32	9/14/10	1127	-5.54	0.52 Ebb	3.71 115	97.5 1365	0.49 6.9	712 20001	22.7	8.06	8.33	4,611	7.86	0.12	
W3B	-7.32	10/12/10	1139	-5.59	0.46 Ebb	3.55 110	99.0 1386	0.25 3.5	735 20649	22.9	8.06	8.44	4,672	7.59	0.09	
W3B	-7.32	11/16/10	1054	-5.73	0.34 Flood	3.65 113	103.0 1443	0.36 5.1	723 20298	22.8	8.05	8.01	4,434	7.90	0.08	
W3B	-7.32	12/14/10	1132	-5.69	0.34 Ebb	3.52 109	100.6 1409	0.33 4.6	685 19235	22.8	8.06	8.07	4,467	7.75	0.05	
W3B	-7.32	1/4/11	1119	-5.92	0.03 Low	3.52 109	96.5 1352	0.33 4.6	675 18965	22.9	8.00	8.10	4,484	7.28	0.06	
W3B	-7.32	4/5/11	1143	-6.05	-0.03 Low	3.26 101	87.6 1227	0.43 6.0	676 18975	22.8	8.03	7.96	4,406	6.75	0.16	
W3B	-7.32	7/12/11	1104	-5.98	0.30 Flood	3.65 113	94.6 1325	0.23 3.2	678 19047	22.8	8.01	8.58	4,749	7.60	0.02	
W3B	-7.32	10/11/11	1137	-5.92	0.15 Flood	3.49 108	93.2 1305	0.11 1.6	659 18516	23.0	8.02	8.19	4,533	7.84	0.20	
W3B	-7.32	1/10/12	1134	-6.00	0.03 Ebb	3.33 103	91.5 1282	0.53 7.4	650 18252	23.1	8.04	8.79	4,865	6.90	0.08	
W3B	-7.32	5/1/12	1149	-5.78	0.34 Flood	3.71 115	96.0 1345	0.30 4.2	689 19359	22.8	8.10	8.21	4,544	7.91	0.02	
W3B	-7.32	7/18/12	1043	-6.07	0.09 Flood	3.68 114	100.7 1410	0.62 8.7	657 18463	23.1	8.04	8.47	4,688	8.10	0.05	
W3B	-7.32	10/16/12	1131	-5.96	0.09 Low	3.68 114	99.9 1399	0.44 6.1	669 18793	23.0	8.00	8.44	4,672	7.78	0.15	
W3B	-7.32	1/8/13	1150	-5.98	0.18 Flood	3.94 122	103.7 1452	0.44 6.2	722 20272	23.1	7.98	8.46	4,683	7.40	0.02	
W3B	-7.32	4/9/13	1152	-6.07	0.00 Flood	3.81 118	92.5 1296	0.49 6.8	705 19805	22.8	8.03	8.60	4,760	6.57	0.15	
W3B	-7.32	7/17/13	1246	-5.70	0.61 High	3.55 110	94.5 1324	0.69 9.7	684 19203	23.1	7.90	8.55	4,733	7.52	0.05	
W3B	-7.32	10/15/13	1110	-5.76	0.37 Flood	3.52 109	98.3 1377	0.86 12.0	673 18915	23.6	7.97	8.58	4,749	7.51	0.07	
W3B	-7.32	1/15/14	1116	-5.96	0.03 Low	3.78 117	93.9 1315	0.56 7.8	642 18026	23.7	8.04	8.42	4,661	7.30	0.03	
W3B	-7.32	4/29/14	1217	-6.11	0.12 Flood	3.33 103	89.9 1259	0.57 8.0	616 17297	23.5	7.98	8.36	4,627	7.78	0.15	
W3B	-7.32	7/29/14	1156	-5.99	0.12 Low	4.13 128	91.3 1279	1.07 15.0	640 17985	23.4	7.97	8.54	4,727	7.32	0.28	
W3B	-7.32	11/5/14	1149	-5.82	0.17 Flood	3.78 117	103.7 1452	0.54 7.5	651 18296	24.0	8.01	7.70	4,262	8.22	0.14	
W3B	-7.32	2/11/15	1042	-5.76	0.18 Ebb	4.56 141	118.2 1656	1.03 14.4	595 16700	23.4	7.93	8.12	4,495	7.79	0.14	
W3B	-7.32	5/20/15	1210	-6.06	0.00 Flood	4.32 134	95.4 1336	1.17 16.4	598 16789	23.2	8.07	8.46	4,683	7.53	0.03	
W3B	-7.32	7/22/15	952	-5.82	0.34 Ebb	3.95 122	91.9 1287	0.11 1.5	614 17248	23.5	7.95	8.78	4,860	7.81	0.02	
W3B	-7.32	11/9/15	1500	-5.56	0.40 Ebb	4.23 131	132.8 1860	0.06 0.8	961 26992	23.9	8.01	7.47	4,135	8.36	0.05	
W3B	-7.32	1/27/16	1302	-6.03	0.08 Low	4.04 125	110.7 1551	0.21 3.0	624 17537	23.6	7.94	8.56	4,738	7.45	0.11	
W3B	-7.32	4/22/16	1012	-5.97	-0.05 Low	3.86 120	89.7 1256	0.40 5.6	604 16955	23.5	8.03	7.93	4,389	7.44	0.06	
W3B	-7.32	7/27/16	1010	-5.76	0.20 Flood	3.54 110	96.5 1352	0.21 2.9	545 15311	23.2	8.07	8.48	4,694	7.27	0.02	
W3B	-7.32	11/10/16	1013	-5.79	0.50 Flood	3.77 117	97.5 1366	0.13 1.8	548 15390	23.7	7.89	7.95	4,401	7.35	0.02	
W3B	-7.32	3/22/17	1312	-5.71	0.25 High	3.99 124	96.7 1354	0.31 4.4	640 17963	23.8	8.09	7.75	4,290	7.64	0.04	
W3B	-7.32	4/19/17	1204	-5.79	0.17 Ebb	3.65 113	99.2 1390	0.71 10.0	663 18615	24.1	8.00	7.94	4,395	5.84	0.05	
W3B	-7.32	8/8/17	1002	-5.91	-0.04 Low	3.57 111	81.9 1147	0.10 1.4	661 18561	23.8	8.00	8.06	4,461	6.33	0.06	
W3B	-7.32	10/18/17	1227	-5.79	0.50 Flood	3.70 115	96.3 1348	0.62 8.7	617 17339	24.0	8.02	7.53	4,168	7.26	0.09	
W3B	-7.32	1/18/18	953	-5.72	0.15 Ebb	3.50 108	97.0 1358	0.21 3.0	638 17905	23.5	7.98	8.14	4,506	7.34	0.51	

NELHA Water Quality Laboratory

Well 3B Data Table

6/27/1990 - 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)
W3B	-7.32	5/10/18	1002	-5.93	0.25 Flood	3.43 106	102.2 1431	0.14 1.9	643 18054	21.8	7.99	8.91	4,932	8.08	2.03	
W3B	-7.32	8/13/18	1535	-5.68	0.43 Flood	3.62 112	101.9 1428	0.45 6.3	685 19242	24.5	7.97	8.43	4,666	7.36	0.05	
W3B	-7.32	10/25/18	1036	-5.81	0.12 Low	3.69 114	98.3 1377	0.24 3.4	633 17765	24.5	8.01	7.29	4,035	8.13	0.08	
W3B	-7.32	2/8/19	934	-5.76	0.20 Ebb	3.87 120	130.1 1822	0.03 0.4	647 18167	23.4	7.87	8.66	4,794	7.70	0.05	
W3B	-7.32	5/15/19	1419	-5.67	0.52 High	4.01 124	100.2 1403	0.04 0.6	619 17399	23.0	7.95	7.78	4,306	8.18	0.04	
W3B	-7.32	8/28/19	1351	-5.5	0.70 High	4.16 129	97.2 1362	0.07 1.0	626 17581	23.8	7.99	8.09	4,478	7.94	0.08	
W3B	-7.32	10/11/19	945	-5.84	0.15 Flood	4.07 126	87.6 1227	0.01 0.2	613 17209	23.9	8.03	8.16	4,517	8.31	0.06	
W3B	-7.32	2/4/20	1047	-5.86	0.25 High	4.28 133	116.3 1630	0.24 3.3	647 18158	23.6	8.00	8.43	4,666	7.64	0.05	
W3B	-7.32	6/3/20	1119	-5.76	0.35 Flood	3.44 106	101.8 1426	0.14 2.0	621 17454	24.0	7.91	7.89	4,367	8.15	0.12	
W3B	-7.32	8/18/20	1412	-5.52	0.60 Flood	3.11 96	106.0 1485	0.21 3.0	624 17530	23.6	8.02	7.78	4,306	7.25	0.02	
W3B	-7.32	12/10/20	930	-5.71	0.40 Flood	3.89 120	113.4 1588	-0.04 -0.5	636 17875	23.6	7.97	8.17	4,522	7.91	0.05	
W3B	-7.32	2/18/21	942	-5.86	0.25 Ebb	3.43 106	97.8 1370	0.32 4.5	616 17307	23.5	7.95	8.21	4,544	7.94	0.04	
W3B	-7.32	4/15/21	938	-5.93	-0.02 Low	3.28 102	102.0 1429	0.13 1.8	628 17636	23.5	7.87	8.09	4,478	7.82	0.04	
W3B	-7.32	7/6/21	956	-6.01	0.20 Flood	3.31 102	105.3 1475	0.09 1.3	603 16945	23.6	7.88	8.67	4,799	7.80	0.05	
W3B	-7.32	11/8/21	1029	-5.62	0.35 Ebb	3.53 109	98.3 1377	0.16 2.2	630 17697	23.4	7.88	8.73	4,832	7.80	0.10	
W3B	-7.32	2/8/22	953	-5.77	0.25 Ebb	3.25 101	118.7 1662	0.09 1.3	698 19614	23.1	7.93	8.49	4,699	7.90	0.02	
W3B	-7.32	4/21/22	955	-6.01	0.08 Ebb	3.14 97	97.2 1362	0.11 1.6	651 18276	23.0	7.89	9.21	5,098	7.76	0.02	
W3B	-7.32	7/12/22	1116	-6.05	0.30 Flood	3.43 106	108.1 1514	-0.30 -4.2	675 18948	23.2	7.93	8.24	4,561	7.93	0.02	
W3B	-7.32	11/21/22	1149	-5.81	0.40 High	3.42 106	107.8 1510	0.01 0.1	623 17510	23.5	8.05	7.87	4,356	7.96	0.18	
W3B	-7.32	1/25/23	1405	-6.03	0.10 Flood	3.51 109	105.4 1476	0.08 1.1	634 17820	23.3	7.93	8.41	4,655	7.82	0.04	
W3B	-7.32	4/25/23	1000	-6.03	0.03 Low	3.86 120	110.8 1552	0.12 1.7	635 17844	23.0	7.93	8.28	4,583	7.90	0.06	
W3B	-7.32	8/14/23	1038	-5.93	0.20 Flood	3.94 122	99.2 1390	0.01 0.1	629 17672	23.3	7.95	7.98	4,417	7.94	0.84	
W3B	-7.32	11/16/23	935	-5.49	0.40 Ebb	2.72 84	105.2 1474	0.13 1.8	617 17342	23.4	7.95	7.74	4,284	8.00	0.21	187.6
W3B	-7.32	1/23/24	1448	-5.79	0.80 High	3.15 98	105.6 1479	0.04 0.5	630 17691	23.0	7.94	7.84	4,340	7.91	0.07	160.8
W3B	-7.32	5/3/24	1147	-5.78	0.37 High	3.20 99	105.7 1480	-0.05 -0.7	619 17398	23.1	7.99	8.12	4,495	7.92	1.33	171.7
W3B	-7.32	7/31/24	1009	-5.79	0.35 Flood	3.31 102	109.2 1530	0.06 0.9	616 17294	23.1	7.95	8.06	4,461	8.06	0.10	151.3
W3B	-7.32	12/10/24	1330	-5.67	0.30 Ebb	3.38 105	115.5 1618	0.24 3.4	601 16884	23.5	7.96	8.32	4,605	8.02	0.16	208.0
W3B	-7.32	1/9/25	1152	-5.75	0.30 High	3.62 112	126.1 1766	1.08 15.1	614 17232	23.2	7.99	8.26	4,572	8.08	0.09	184.1
W3B	-7.32	5/13/25	1457	-5.63	0.00 Flood	3.44 106	117.5 1645	0.05 0.7	602 16907	22.9	8.00	8.03	4,445	8.14	0.04	175.5
W3B	-7.32	7/29/25	1132	-5.69	0.15 Low	3.38 105	117.3 1643	0.06 0.9	583 16380	23.4	7.96	7.84	4,340	8.12	0.22	194.7
W3B	-7.32	12/17/25	1145	-5.79	0.30 High	4.28 133	118.4 1659	0.00 0.0	1509 42392	23.4	7.96	8.08	4,472	8.08	0.07	218.9

NELHA Water Quality Laboratory

Well 3B Data Table

6/27/1990 - 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)
Mean				-5.85	0.23	3.32 103	89.31 1251	0.21 3.0	664 18638	23.1	8.02	8.17	4,525	7.75	0.18	183.6
Std. Dev.				0.17	0.17	0.34 11	12.49 175	0.27 3.7	89 2502	0.6	0.07	0.48	266	0.39	0.31	21.7
Maximum				-5.26	0.80	4.91 152	133 1860	2.21 31.0	1509 42392	25.9	8.60	9.21	5,098	10.60	2.03	218.9
Minimum				-6.22	-0.09	1.12 35	36 504	-0.30 -4.2	254 7140	19.7	7.72	6.26	3,465	5.84	0.02	151.3
n				100	102	308 308	308 308	307 308	302 301	307	305	306	306	304	88	9