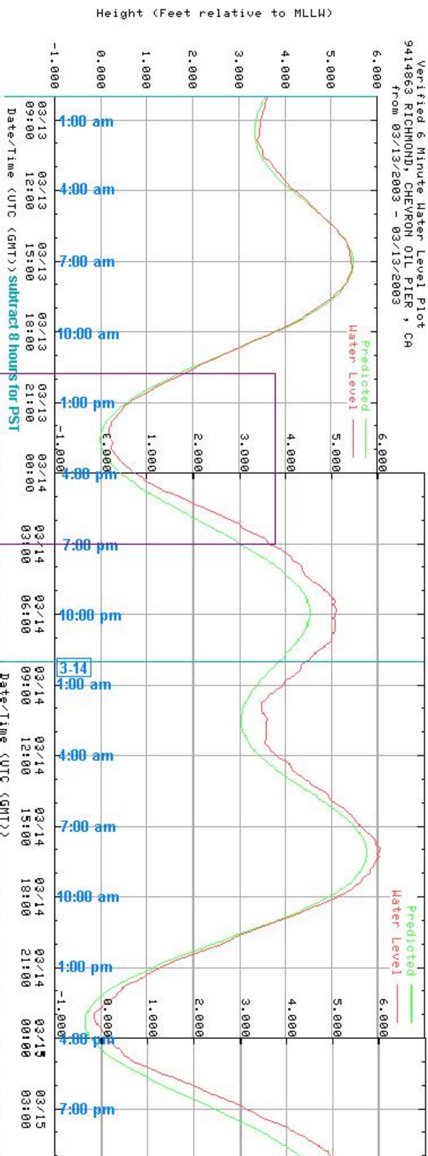
March 13, 2003

12:53 AM	West	3.5 mph	-
1:53 AM	WNW	9.2 mph	-
2:53 AM	WSW	5.8 mph	-
3:53 AM	WSW	10.4	-
4:53 AM	SW	19.6	-
5:53 AM	SW	13.8	-
6:53 AM	SSW	5.8 mph	-
7:53 AM	SW	10.4	-
8:53 AM	SSW	8.1 mph	-
9:53 AM	SSE	8.1 mph	-
10:53 AM	South	10.4	-
11:53 AM	South	18.4	-
12:53 PM	South	20.7	-
1:53 PM	South	21.9	-
2:53 PM	SSW	21.9	-
3:53 PM	South	20.7	-
4:53 PM	SE	31.1	35.7
5:19 PM	SSE	31.1	36.8
5:53 PM	SE	25.3	35.7
6:53 PM	SSE	21.9	-
7:53 PM	South	13.8	-
8:53 PM	South	24.2	-
9:20 PM	South	19.6	-
9:53 PM	South	25.3	-
10:53 PM	South	28.8	-
11:53 PM	South	23.0	34.5
12:53 AM	South	19.6	27.6
1:53 AM	South	19.6	-
2:53 AM	South	20.7	-
3:53 AM	South	20.7	-
4:53 AM	SSE	17.3	-
5:53 AM	South	16.1	-
6:53 AM	South	11.5	-
7:53 AM	SSE	17.3	-
8:53 AM	SSE	20.7	-
9:53 AM	SSE	20.7	-
10:53 AM	SSE	18.4	-
11:53 AM	SSE	16.1	-
12:53 PM	South	15	-
1:53 PM	South	12.7	-
2:53 PM	South	15	-
3:53 PM	South	19.6	-
4:53 PM	South	21.9	-
5:53 PM	SSE	19.6	-
6:53 PM	SE	17.3	-
7:53 PM	SE	20.7	25.3
8:53 PM	SSE	23	29.9



9:53 PM	SSE	21.9	-
10:53 PM	South	20.7	32.2
11:53 PM	SSE	24.2	28.8
12:53 AM	SE	26.5	32.2
1:53 AM	SE	13.8	-
2:53 AM	SE	23	26.5
3:00 AM	SE	21.9	27.6
3:53 AM	West	28.8	42.6
4:53 AM	West	13.8	-
5:22 AM	West	13.8	-
5:53 AM	West	15	-
6:53 AM	WSW	13.8	-
7:53 AM	WSW	10.4	-
8:20 AM	SW	12.7	-
8:53 AM	West	11.5	-
9:53 AM	WSW	16.1	-
10:53 AM	West	15	-
11:53 AM	West	13.8	-
12:53 PM	West	12.7	-
1:53 PM	West	13.8	-
2:53 PM	West	12.7	-
3:53 PM	WSW	9.2	-
4:53 PM	West	10.4	-
5:53 PM	West	11.5	-
6:53 PM	West	9.2	-
7:53 PM	West	6.9	-
8:53 PM	West	5.8	-
9:53 PM	West	5.8	-
10:53 PM	WSW	6.9	-
11:53 PM	SSW	5.8	-
12:53 AM	East	5.8	-
1:53 AM	ENE	5.8	-
2:53 AM	ENE	3.5	-
3:53 AM	East	4.6	-
4:53 AM	ESE	5.8	-
5:53 AM	ESE	8.1	-
6:30 AM	SE	9.2	-
6:53 AM	ESE	10.4	-
7:53 AM	East	5.8	-
8:53 AM	ESE	8.1	-
9:08 AM	SE	10.4	-
9:53 AM	ESE	8.1	-
10:53 AM	SSE	12.7	-
11:41 AM	South	11.5	-
11:53 AM	SSE	9.2	-
12:53 PM	West	16.1	-
1:53 PM	West	18.4	-
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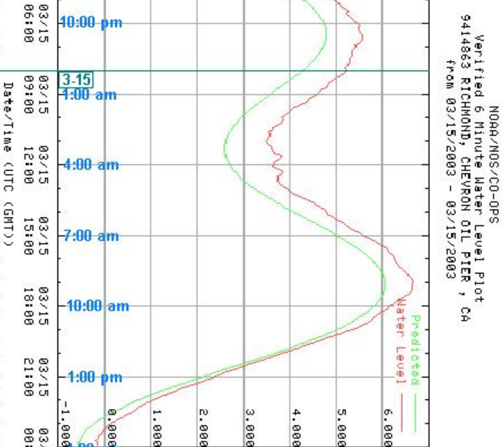
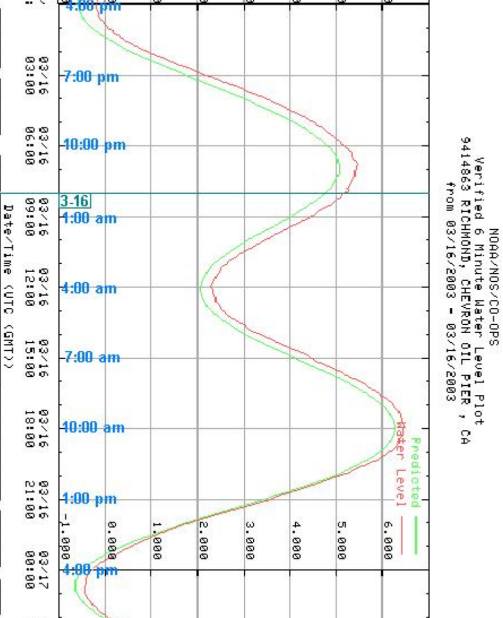
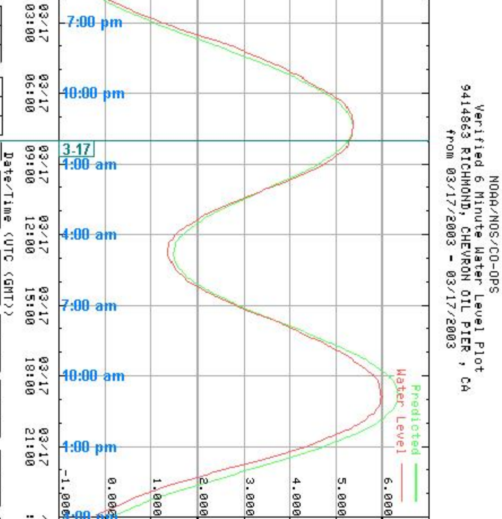
5:53 PM	West	20.7	-





6:53 PM	WNW	18.4	-
7:53 PM	West	16.1	20.7
8:53 PM	WNW	11.5	-
9:53 PM	Calm	Calm	-
10:53 PM	West	15	-
11:53 PM	NW	8.1	-
12:53 AM	WNW	11.5	-
1:53 AM	WNW	15	-
2:53 AM	NW	13.8	-
3:53 AM	NW	11.5	-
4:53 AM	NW	13.8	-
5:53 AM	NW	16.1	-
6:53 AM	NNW	10.4	-
7:53 AM	NNW	10.4	-
8:53 AM	NNW	13.8	20.7
9:53 AM	NNW	12.7	-
10:53 AM	WNW	13.8	-
11:53 AM	NW	13.8	-
12:53 PM	West	13.8	-
1:53 PM	WNW	21.9	-
2:53 PM	West	20.7	-
3:53 PM	West	24.2	-
4:53 PM	WNW	16.1	-
5:53 PM	WNW	21.9	-



8:53 PM	NW	15	-
9:53 PM	WNW	18.4	-
10:53 PM	NNW	13.8	-
11:53 PM	NW	12.7	-
12:53 AM	NNW	10.4	-
1:53 AM	NNW	10.4	-
2:53 AM	NNW	5.8	-
3:53 AM	NW	8.1	-
4:53 AM	NW	5.8	-
5:53 AM	North	5.8	-
6:53 AM	NNW	8.1	-
7:53 AM	NNW	9.2	-
8:53 AM	NNW	5.8	-
9:53 AM	NW	12.7	-
10:53 AM	NW	13.8	-
11:53 AM	West	12.7	-
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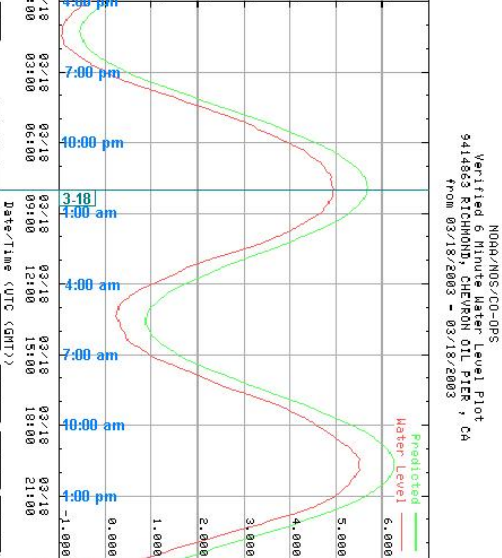
1:53 PM	West	16.1	-
2:53 PM	WNW	18.4	-
3:53 PM	WNW	11.5	-



4:53 PM	WSW	13.8	-
5:53 PM	West	12.7	-
6:53 PM	WNW	13.8	-
7:53 PM	NW	4.6	-
8:53 PM	NW	6.9	-
9:53 PM	NNW	3.5	-
10:53 PM	Calm	Calm	-
11:53 PM	West	10.4	-
12:53 AM	East	5.8	-
1:53 AM	ESE	4.6	-
2:53 AM	SW	5.8	-
3:53 AM	East	3.5	-
4:53 AM	Calm	Calm	-
5:53 AM	North	4.6	-
6:53 AM	Calm	Calm	-
7:53 AM	Calm	Calm	-
8:53 AM	WSW	6.9	-
9:53 AM	WSW	5.8	-
10:53 AM	Variable	4.6	-
11:53 AM	West	8.1	-
12:53 PM	WSW	11.5	-
1:53 PM	West	15	-
2:53 PM	West	12.7	-
3:53 PM	West	12.7	-
4:53 PM	West	8.1	-
5:53 PM	WSW	9.2	-
6:53 PM	NW	5.8	-
7:53 PM	South	10.4	-
8:18 PM	South	10.4	-
8:53 PM	SSE	12.7	-
9:53 PM	South	12.7	-
10:53 PM	SSW	12.7	-
11:19 PM	West	13.8	-
11:53 PM	West	16.1	-
12:53 AM	WNW	10.4	-
1:13 AM	WNW	13.8	-
1:53 AM	WNW	11.5	-
2:53 AM	WNW	11.5	-
3:53 AM	WNW	13.8	-
4:53 AM	WNW	8.1	-
6:43 AM	North	5.8	-
6:53 AM	NNW	4.6	-
7:53 AM	NW	5.8	-
8:53 AM	NW	11.5	-
9:53 AM	West	6.9	-
10:53 AM	West	8.1	-
11:53 AM	West	11.5	-
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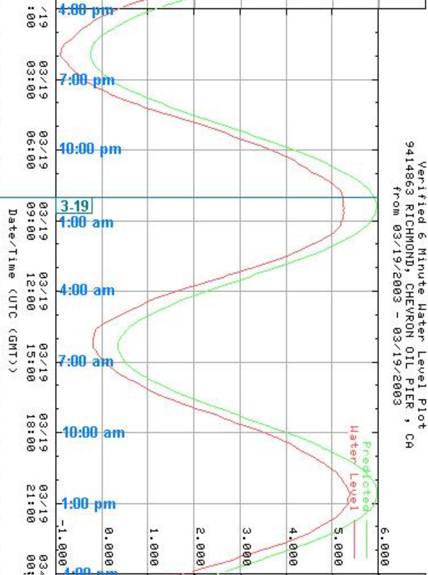
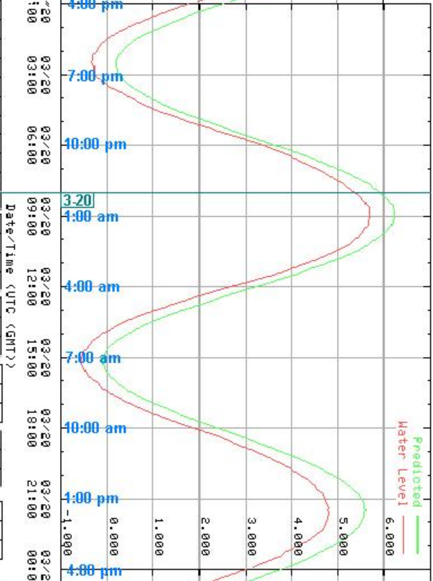
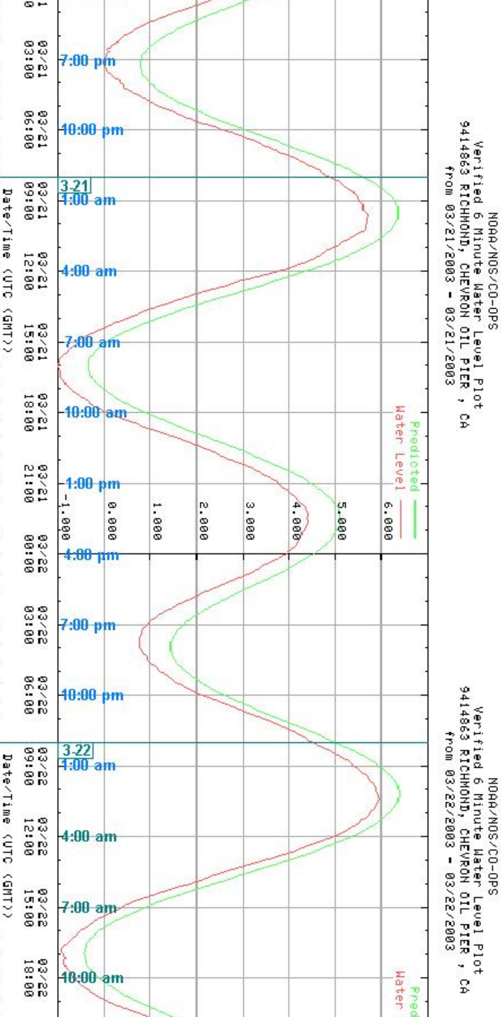
3:53 PM	West	15	-

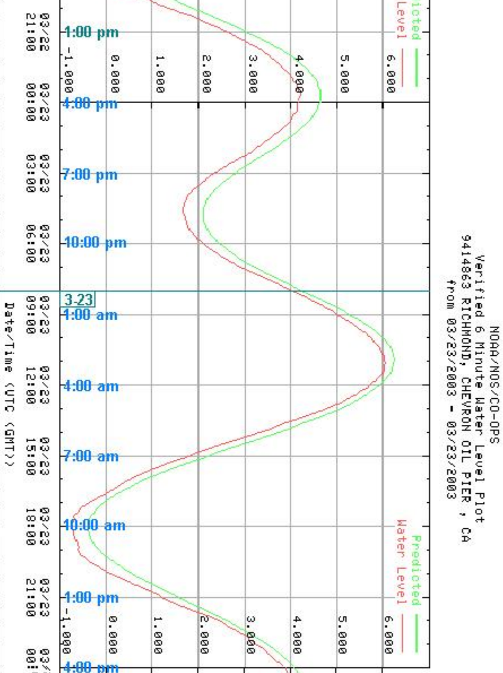


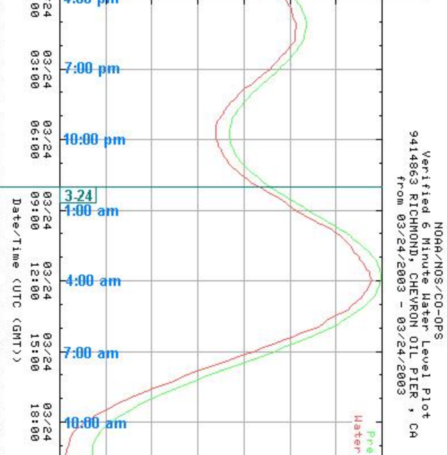


4:53 PM	West	16.1	-
6:53 PM	WNW	12.7	-
7:53 PM	NNW	4.6	-
8:53 PM	Calm	Calm	-
9:53 PM	Calm	Calm	-
10:53 PM	NE	3.5	-
11:53 PM	Calm	Calm	-
12:53 AM	Calm	Calm	-
1:53 AM	NE	3.5	-
2:53 AM	ENE	3.5	-
3:53 AM	NNE	5.8	-
4:53 AM	ESE	5.8	-
5:53 AM	NE	3.5	-
6:53 AM	ENE	3.5	-
7:53 AM	Calm	Calm	-
8:53 AM	Variable	4.6	-
9:53 AM	South	6.9	-
10:53 AM	SW	6.9	-
11:53 AM	SW	6.9	-
12:53 PM	SSW	6.9	-
1:53 PM	West	12.7	-
2:53 PM	WSW	16.1	-
3:53 PM	West	17.3	-
4:53 PM	West	15	-
5:53 PM	West	13.8	-
6:53 PM	West	11.5	-
7:53 PM	West	10.4	-
8:53 PM	West	12.7	-
9:53 PM	West	10.4	-
10:26 PM	WSW	10.4	-
10:53 PM	WSW	9.2	-
11:53 PM	West	13.8	-
12:53 AM	West	10.4	-
1:53 AM	SW	4.6	-
2:53 AM	Variable	3.5	-
3:53 AM	WSW	3.5	-
4:53 AM	West	8.1	-
5:53 AM	NW	4.6	-
6:53 AM	WSW	5.8	-
7:53 AM	WSW	3.5	-
8:53 AM	Variable	4.6	-
9:53 AM	West	3.5	-
10:53 AM	SW	3.5	-
11:13 AM	WSW	6.9	-



11:53 AM	West	8.1	-
12:53 PM	West	9.2	-
1:53 PM	West	13.8	-
2:53 PM	West	12.7	-
3:53 PM	West	12.7	-
4:53 PM	West	10.4	-
5:53 PM	West	12.7	-
6:53 PM	West	6.9	-
7:53 PM	West	5.8	-
8:53 PM	West	6.9	-
9:53 PM	SW	3.5	-
10:53 PM	SSW	4.6	-
11:35 PM	Calm	Calm	-
11:53 PM	West	3.5	-
12:53 AM	South	3.5	-
1:53 AM	SSW	3.5	-
2:53 AM	SSW	6.9	-
3:53 AM	West	11.5	-
4:02 AM	West	16.1	-
4:29 AM	West	10.4	-
4:53 AM	West	10.4	-
5:53 AM	West	6.9	-
6:53 AM	West	5.8	-
7:53 AM	SW	5.8	-
8:53 AM	WSW	9.2	-
9:53 AM	WSW	5.8	-
10:53 AM	WSW	9.2	-
11:53 AM	WSW	9.2	17.3
12:53 PM	SW	6.9	-
1:53 PM	SW	9.2	-
2:53 PM	WSW	11.5	-
3:53 PM	WSW	10.4	-
4:53 PM	West	8.1	-
5:53 PM	West	12.7	-
6:53 PM	West	11.5	-
7:53 PM	WSW	9.2	-
8:53 PM	West	5.8	-
9:53 PM	West	11.5	-
10:53 PM	West	11.5	-
11:53 PM	West	11.5	-
12:53 AM	WSW	9.2	-
1:53 AM	South	6.9	-
2:53 AM	ENE	5.8	-
3:53 AM	Variable	4.6	-
4:53 AM	SW	12.7	-
5:53 AM	Calm	Calm	-
6:53 AM	SSE	8.1	-
7:43 AM	SSW	8.1	-
7:53 AM	South	10.4	-
8:53 AM	South	6.9	-
9:53 AM	WSW	5.8	-
10:53 AM	SW	5.8	-





11:53 AM	SW	8.1	-
12:53 PM	SW	6.9	-
1:53 PM	West	13.8	-
2:53 PM	West	15	-
3:53 PM	West	15	-
4:53 PM	West	15	-
5:53 PM	WNW	10.4	-
6:53 PM	West	12.7	-
7:53 PM	West	11.5	-
8:53 PM	West	6.9	-
9:53 PM	Calm	Calm	-
10:53 PM	Calm	Calm	-
11:53 PM	NE	4.6	-
12:53 AM	North	4.6	-
1:53 AM	NE	3.5	-
2:53 AM	Calm	Calm	-
3:53 AM	Calm	Calm	-
4:53 AM	ENE	3.5	-
5:53 AM	ENE	5.8	-
6:53 AM	East	4.6	-
7:53 AM	ESE	5.8	-
8:53 AM	SE	8.1	-
9:53 AM	SSE	8.1	-
10:53 AM	South	4.6	-
11:53 AM	SSW	6.9	-
12:53 PM	SW	6.9	-
1:53 PM	West	6.9	-
2:53 PM	West	16.1	-
3:53 PM	West	11.5	-
4:53 PM	West	9.2	-
5:53 PM	West	17.3	-
6:53 PM	West	9.2	-
7:53 PM	West	10.4	-
8:30 PM	West	9.2	-
8:53 PM	West	8.1	-
9:53 PM	West	8.1	-
10:16 PM	West	12.7	-
10:53 PM	West	9.2	-
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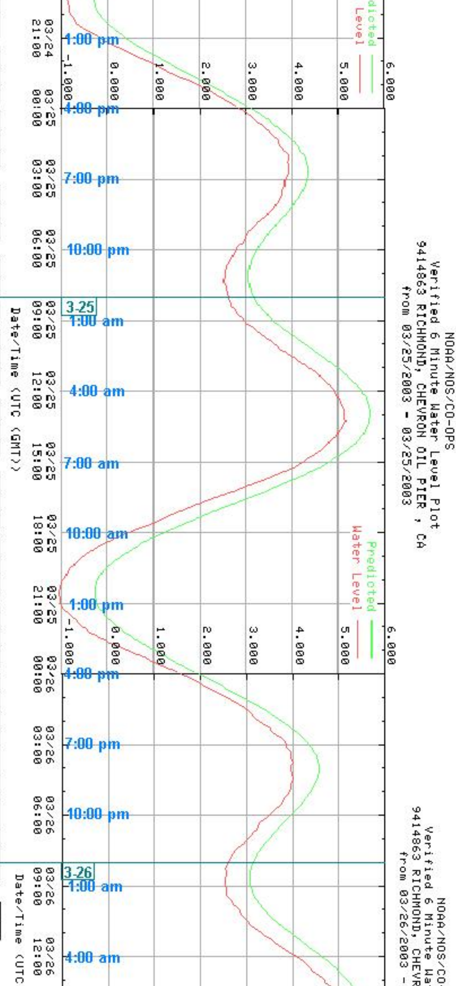
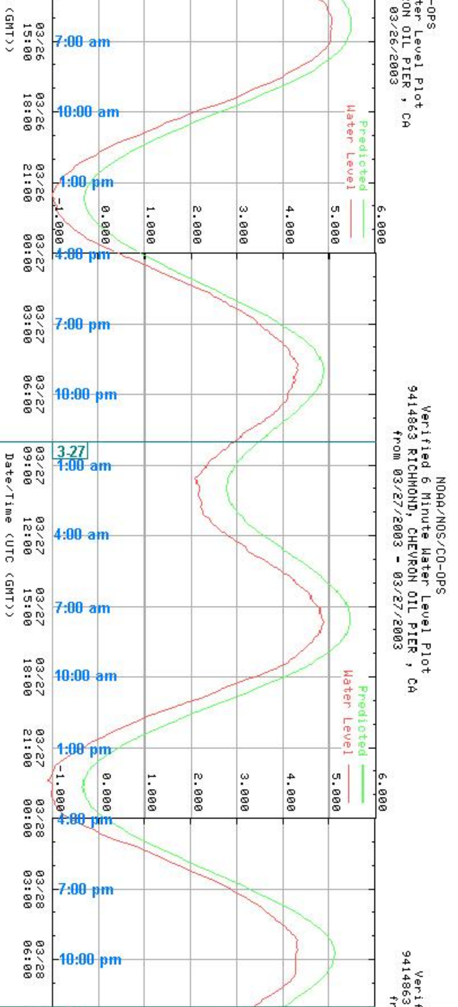
1:53 AM	WSW	10.4	-
2:53 AM	West	5.8	-



6:53 AM	WSW	10.4	-
7:14 AM	West	10.4	-
7:53 AM	West	9.2	-
8:22 AM	West	10.4	-
8:53 AM	West	5.8	-
9:53 AM	West	9.2	-
10:53 AM	West	12.7	-
11:53 AM	West	16.1	-
12:53 PM	West	15	-
1:53 PM	West	17.3	-
2:53 PM	West	16.1	-
3:53 PM	West	17.3	-
4:53 PM	West	21.9	-
5:53 PM	West	19.6	-
6:53 PM	West	18.4	-
7:53 PM	WNW	13.8	-
8:53 PM	WNW	15	-
9:53 PM	WNW	13.8	-
10:53 PM	NW	12.7	-
11:53 PM	NW	12.7	-
12:53 AM	NW	12.7	-
1:53 AM	NW	11.5	-
2:53 AM	NNW	6.9	-
3:53 AM	NNW	8.1	-
4:53 AM	Calm	Calm	-
5:53 AM	Calm	Calm	-
6:53 AM	Calm	Calm	-
7:53 AM	NW	8.1	-
8:53 AM	NNW	11.5	-
9:53 AM	WNW	11.5	-
10:53 AM	NNW	9.2	-
11:53 AM	West	15	-
12:53 PM	West	16.1	-
1:53 PM	West	13.8	-
2:53 PM	West	20.7	-
3:53 PM	West	17.3	-
4:53 PM	West	13.8	-
5:53 PM	WNW	12.7	-
6:53 PM	NNW	6.9	-
7:53 PM	NNW	6.9	-
8:53 PM	NNW	6.9	-
9:53 PM	NNW	5.8	-
10:53 PM	NW	5.8	-
11:53 PM	NNW	8.1	-



12:53 AM	NNW	9.2	-
1:53 AM	NW	10.4	-
2:53 AM	North	6.9	-
3:53 AM	NNW	10.4	-
4:53 AM	North	9.2	-
5:53 AM	North	8.1	-
6:53 AM	North	12.7	-
7:53 AM	NNW	15	20.7
8:53 AM	North	11.5	20.7
9:53 AM	North	16.1	20.7
10:53 AM	Variable	6.9	18.4
11:53 AM	North	10.4	-
12:53 PM	NNW	8.1	-
1:53 PM	NE	11.5	21.9
2:53 PM	ENE	20.7	24.2
3:53 PM	NE	15	-
4:53 PM	NE	16.1	-
5:53 PM	NE	13.8	-
6:53 PM	East	6.9	-
7:53 PM	NE	9.2	-
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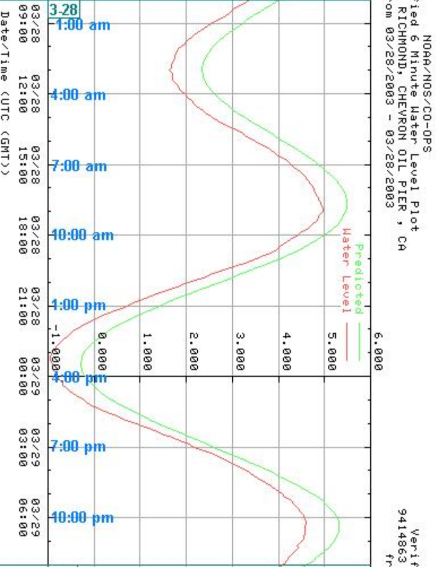
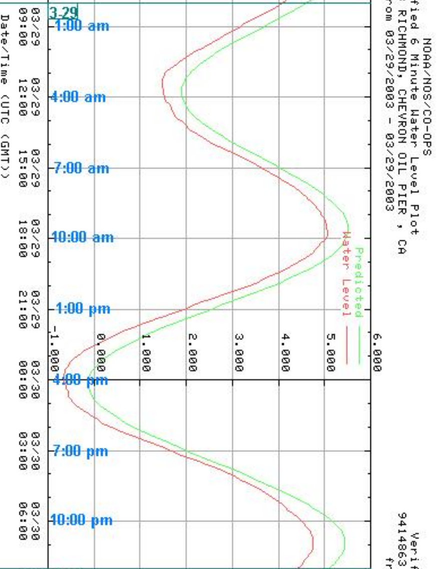
9:53 PM	Calm	Calm	-
10:53 PM	Calm	Calm	-
11:53 PM	ENE	5.8	-



12:53 AM	ENE	5.8	-
1:53 AM	NE	4.6	-
2:53 AM	NE	3.5	-
3:53 AM	Variable	3.5	-
4:53 AM	Variable	3.5	-
5:53 AM	Variable	4.6	-
6:53 AM	NNE	6.9	-
7:53 AM	SE	8.1	-
8:53 AM	SSE	5.8	-
9:53 AM	South	5.8	-
10:53 AM	SW	5.8	-
11:53 AM	WSW	9.2	-
12:53 PM	WSW	6.9	-
1:53 PM	WSW	6.9	-
2:53 PM	West	6.9	-
3:53 PM	WSW	6.9	-
4:53 PM	WNW	10.4	-
5:53 PM	NW	11.5	-
6:53 PM	NW	6.9	-
7:53 PM	NNW	8.1	-
8:53 PM	NNW	3.5	-
9:53 PM	Calm	Calm	-
10:53 PM	Calm	Calm	-
11:53 PM	South	5.8	-



12:53 AM	ESE	4.6	-
1:53 AM	Calm	Calm	-
2:53 AM	NE	4.6	-
3:53 AM	ENE	3.5	-
4:53 AM	NE	4.6	-
5:53 AM	Calm	Calm	-
6:53 AM	Calm	Calm	-
7:53 AM	Calm	Calm	-
8:53 AM	SW	4.6	-
9:53 AM	WSW	6.9	-
10:53 AM	West	4.6	-
11:53 AM	West	9.2	-
12:53 PM	West	9.2	-
1:53 PM	West	10.4	-
2:53 PM	WNW	8.1	-
3:53 PM	West	11.5	-
4:53 PM	West	10.4	-
5:53 PM	West	9.2	-
6:53 PM	NW	6.9	-
7:53 PM	WNW	6.9	-
8:53 PM	WNW	8.1	-
9:53 PM	NW	3.5	-
10:53 PM	Calm	Calm	-
11:53 PM	Calm	Calm	-
12:53 AM	Calm	Calm	-
1:53 AM	Calm	Calm	-
2:53 AM	Calm	Calm	-
3:53 AM	NW	3.5	-
4:53 AM	Calm	Calm	-
5:53 AM	Calm	Calm	-
6:53 AM	Calm	Calm	-
7:53 AM	Calm	Calm	-
8:53 AM	Calm	Calm	-
9:53 AM	WSW	5.8	-
10:53 AM	West	9.2	-
11:53 AM	WNW	9.2	-
12:53 PM	NW	11.5	-
1:53 PM	WNW	6.9	-
2:53 PM	WNW	9.2	-
3:53 PM	WNW	10.4	-
4:53 PM	WNW	16.1	-
5:53 PM	WNW	16.1	-
6:25 PM	WNW	11.5	-
6:53 PM	West	16.1	-
7:53 PM	West	11.5	-
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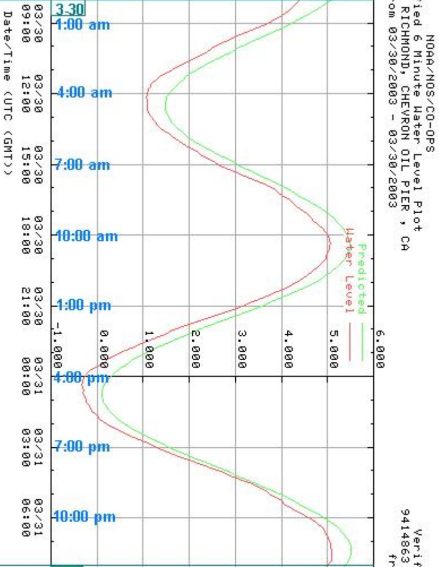
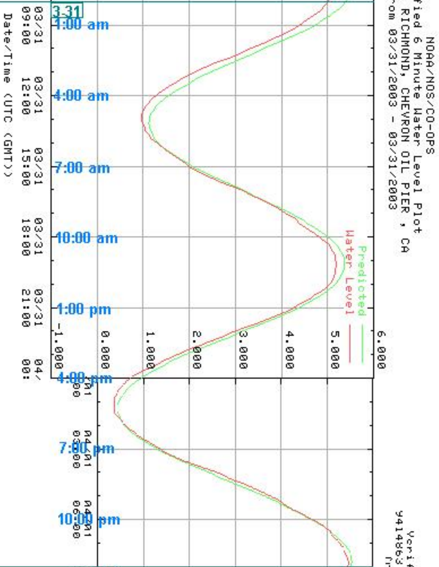
9:53 PM	West	15	-
10:53 PM	West	13.8	-
11:53 PM	WSW	12.7	-





12:53 AM	West	12.7	-
1:53 AM	West	12.7	-
2:53 AM	West	17.3	-
3:53 AM	West	18.4	-
4:43 AM	WNW	13.8	-
4:53 AM	West	15	-
5:53 AM	West	23	-
6:53 AM	West	20.7	-
7:53 AM	West	25.3	-
8:53 AM	West	18.4	-
9:53 AM	West	17.3	-
10:53 AM	West	24.2	-
11:53 AM	West	18.4	-
12:53 PM	West	18.4	-
1:53 PM	West	20.7	-
2:53 PM	West	21.9	-
3:53 PM	West	23	-
4:53 PM	West	21.9	-
5:53 PM	West	25.3	-
6:53 PM	West	17.3	-
7:53 PM	WNW	19.6	-
8:53 PM	West	16.1	-
9:53 PM	West	15	-
10:53 PM	West	11.5	-
11:53 PM	West	10.4	-
12:53 AM	WSW	9.2	-
1:53 AM	WSW	16.1	-
2:53 AM	West	16.1	-
3:53 AM	West	15	-
4:53 AM	West	15	-
5:53 AM	WNW	11.5	-
6:53 AM	West	8.1	-
7:53 AM	West	10.4	-
8:53 AM	West	12.7	-
9:53 AM	WSW	18.4	25.3
10:53 AM	WSW	10.4	-
11:53 AM	WSW	15	-
12:53 PM	WSW	16.1	19.6
1:53 PM	WSW	16.1	-
2:53 PM	WSW	19.6	-
3:53 PM	WNW	16.1	-
4:53 PM	WSW	17.3	-
5:53 PM	WNW	13.8	-
6:53 PM	West	16.1	-
7:53 PM	West	13.8	-
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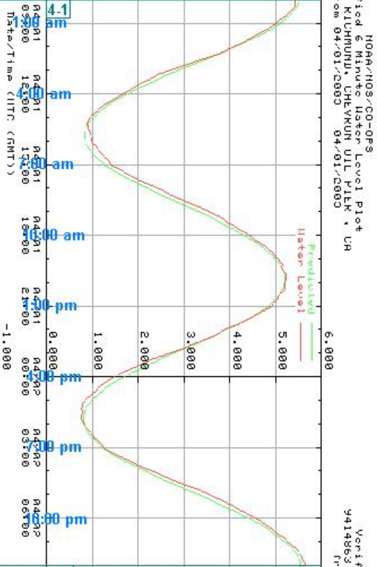
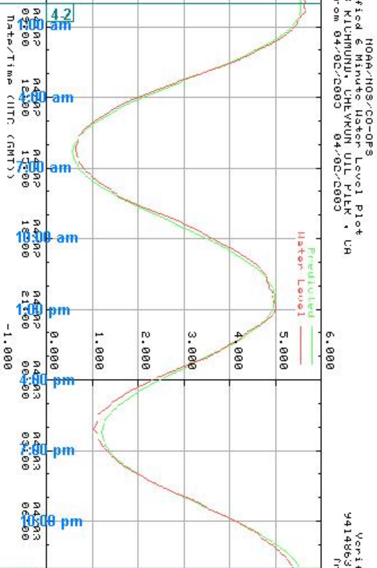
11:53 PM	West	9.2	-





12:53 AM	WNW	9.2	-
1:53 AM	Calm	Calm	-
2:53 AM	Calm	Calm	-
3:53 AM	NW	4.6	-
4:53 AM	ENE	3.5	-
5:53 AM	East	5.8	-
6:53 AM	ESE	8.1	-
7:53 AM	SE	9.2	-
8:53 AM	South	11.5	-
9:53 AM	SSE	6.9	-
10:53 AM	Variable	4.6	-
11:53 AM	West	9.2	-
12:53 PM	West	9.2	-
1:53 PM	West	11.5	-
2:53 PM	West	16.1	-
3:53 PM	West	13.8	-
4:53 PM	West	13.8	-
5:53 PM	West	16.1	-
6:53 PM	West	15	-
7:53 PM	SW	10.4	-
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9:53 PM	SSW	15	-
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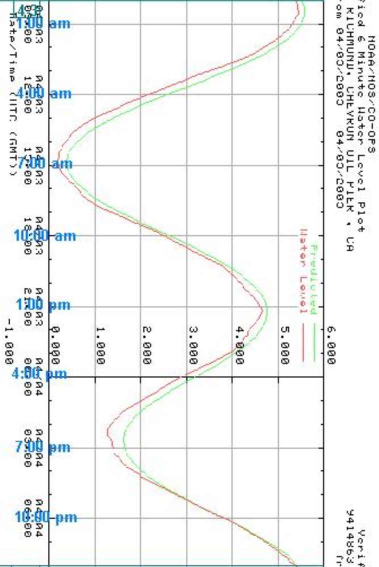
11:53 PM	South	18.4	-



12:53 AM	South	19.6	-
2:21 AM	South	20.7	26.5
2:45 AM	SSW	20.7	32.2
2:53 AM	WSW	13.8	25.3
3:25 AM	WSW	18.4	-
3:53 AM	West	13.8	-
4:53 AM	West	10.4	-
5:53 AM	West	10.4	-
6:53 AM	WNW	9.2	-
7:53 AM	WNW	9.2	-
8:53 AM	WNW	16.1	-
9:53 AM	NW	9.2	-
10:53 AM	West	16.1	-
11:53 AM	West	17.3	-
12:53 PM	West	19.6	24.2
1:53 PM	West	20.7	-
2:53 PM	West	21.9	-
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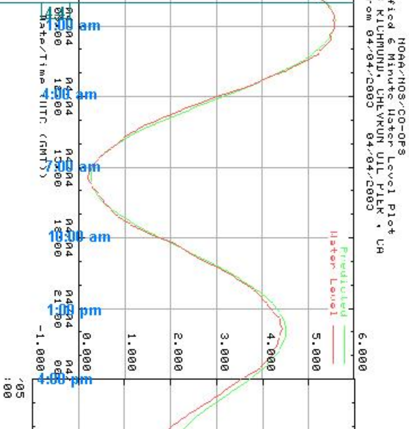
6:53 PM	West	24.2	-



7:53 PM	NW	12.7	-
8:53 PM	NW	12.7	-
9:53 PM	NW	11.5	-
10:53 PM	NW	12.7	-
11:53 PM	NW	6.9	-
12:53 AM	NW	10.4	-
1:53 AM	NW	9.2	-
2:53 AM	North	3.5	-
3:53 AM	Calm	Calm	-
4:53 AM	North	5.8	-
5:53 AM	NE	3.5	-
6:53 AM	NNE	3.5	-
7:53 AM	Variable	5.8	-
8:53 AM	WNW	6.9	-
9:53 AM	NW	6.9	-
10:53 AM	West	8.1	-
11:53 AM	WSW	6.9	-
12:53 PM	West	13.8	-
1:53 PM	West	15	-
2:53 PM	WNW	21.9	-
3:53 PM	West	23	-
4:53 PM	WNW	23	26.5
5:53 PM	West	18.4	-
6:53 PM	WNW	20.7	-
7:53 PM	West	10.4	-
8:53 PM	NW	5.8	-
9:53 PM	WNW	12.7	-
10:53 PM	WNW	17.3	-
11:53 PM	WNW	13.8	-
12:53 AM	WNW	15	-
1:53 AM	WNW	9.2	-
3:53 AM	WNW	12.7	-
4:53 AM	West	11.5	-
5:53 AM	West	10.4	-
6:53 AM	West	10.4	-
7:53 AM	West	10.4	-
8:53 AM	West	10.4	-
9:53 AM	West	11.5	-
10:53 AM	West	10.4	-
11:53 AM	WSW	12.7	-
12:53 PM	West	16.1	-
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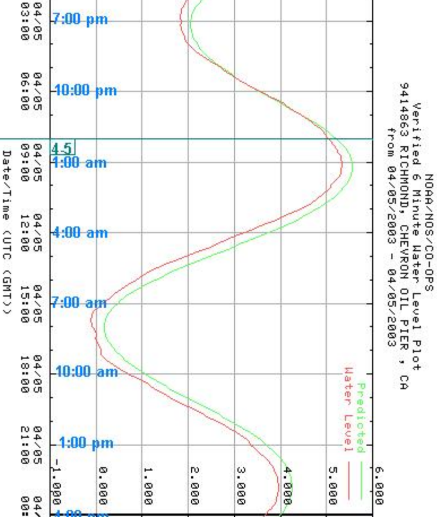
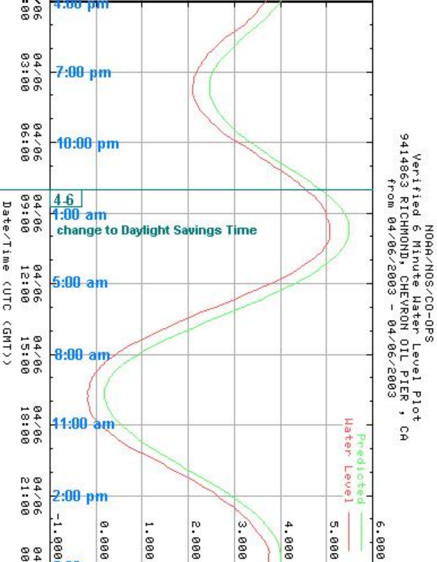
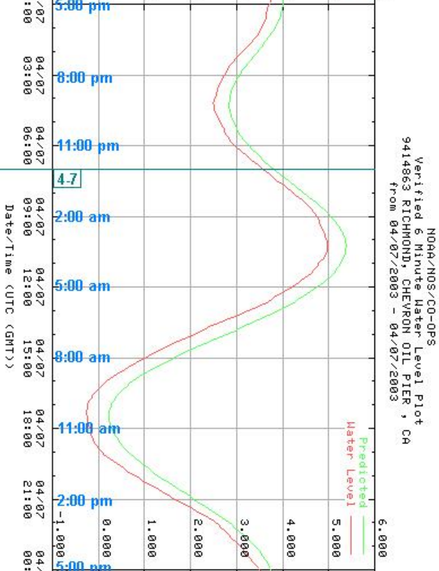
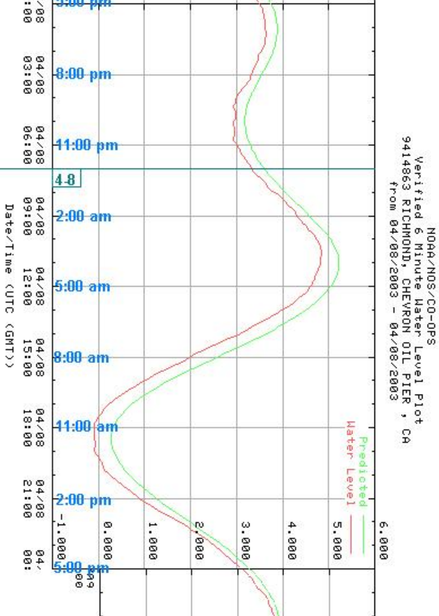
4:53 PM	West	21.9	-





5:53 PM	West	20.7	-
6:53 PM	West	17.3	-
7:53 PM	West	16.1	-
8:53 PM	West	17.3	-
9:53 PM	WNW	12.7	-
10:53 PM	WNW	9.2	-
11:53 PM	Calm	Calm	-
12:53 AM	Calm	Calm	-
1:53 AM	Calm	Calm	-
2:53 AM	East	3.5	-
3:53 AM	Calm	Calm	-
4:53 AM	Calm	Calm	-
5:53 AM	Calm	Calm	-
6:53 AM	East	3.5	-
7:53 AM	NE	3.5	-
8:53 AM	East	3.5	-
9:53 AM	South	5.8	-
10:53 AM	SSW	6.9	-
11:53 AM	SW	8.1	-
12:53 PM	West	9.2	-
1:53 PM	West	8.1	-
2:53 PM	West	10.4	-
3:53 PM	West	13.8	-
4:53 PM	WNW	13.8	-
5:53 PM	WNW	13.8	-
6:53 PM	WNW	8.1	-
7:53 PM	NW	6.9	-
8:53 PM	WNW	9.2	-
9:53 PM	NW	5.8	-
10:53 PM	NW	4.6	-
11:53 PM	WNW	5.8	-
12:53 AM	NW	3.5	-
1:53 AM	Calm	Calm	-
2:53 AM	NE	3.5	-
3:53 AM	Calm	Calm	-
4:53 AM	ENE	4.6	-
5:53 AM	Calm	Calm	-
6:53 AM	East	4.6	-
7:53 AM	Calm	Calm	-
8:53 AM	Calm	Calm	-
9:53 AM	West	8.1	-
10:53 AM	WNW	9.2	-
11:53 AM	WNW	8.1	-
12:53 PM	WNW	12.7	-
1:53 PM	NW	10.4	-
2:53 PM	NW	6.9	-
3:53 PM	WNW	12.7	-
4:53 PM	WNW	16.1	-
5:53 PM	WNW	15	-
6:53 PM	NW	8.1	-





7:53 PM	West	11.5	-
8:53 PM	West	13.8	-
9:53 PM	West	12.7	-
10:53 PM	West	9.2	-
11:53 PM	West	9.2	-
12:53 AM	West	5.8	-
1:53 AM	North	4.6	-
2:53 AM	ENE	3.5	-
3:53 AM	Calm	Calm	-
4:53 AM	ENE	4.6	-
5:53 AM	ENE	4.6	-
6:53 AM	ENE	3.5	-
7:53 AM	Calm	Calm	-
8:53 AM	Variable	4.6	-
9:53 AM	SE	6.9	-
10:53 AM	SW	6.9	-
11:53 AM	SW	4.6	-
12:53 PM	West	6.9	-
1:53 PM	West	9.2	-
2:53 PM	West	10.4	-
3:53 PM	West	11.5	-
4:53 PM	West	9.2	-
5:53 PM	West	8.1	-
6:53 PM	West	11.5	-
7:53 PM	West	12.7	-
8:53 PM	West	10.4	-
9:53 PM	WNW	3.5	-
10:53 PM	West	3.5	-
11:53 PM	Calm	Calm	-
12:53 AM	West	9.2	-
1:53 AM	WNW	8.1	-
2:53 AM	West	5.8	-
3:53 AM	WNW	5.8	-
4:53 AM	Calm	Calm	-
5:53 AM	Calm	Calm	-
6:53 AM	SSE	3.5	-
7:18 AM	South	4.6	-
7:53 AM	South	4.6	-
8:27 AM	SSE	5.8	-
8:41 AM	SE	5.8	-
8:53 AM	South	6.9	-
9:46 AM	South	6.9	-
9:53 AM	Variable	6.9	-
10:53 AM	WSW	12.7	-
11:53 AM	SW	8.1	-
12:53 PM	WSW	12.7	-
1:53 PM	West	17.3	-
2:53 PM	West	16.1	-
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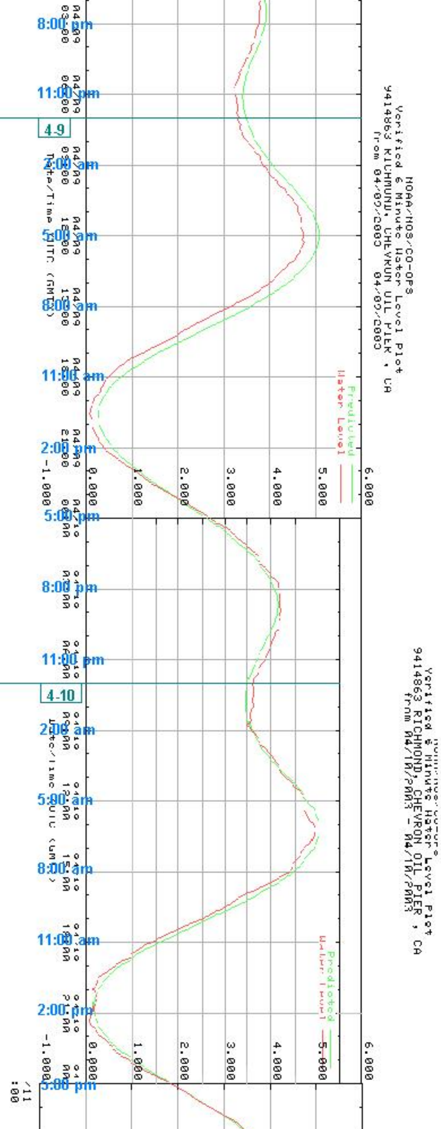
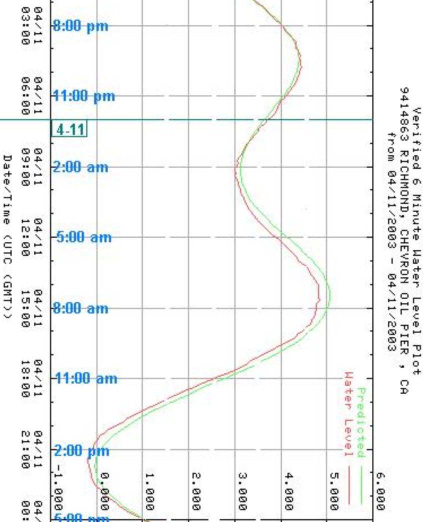
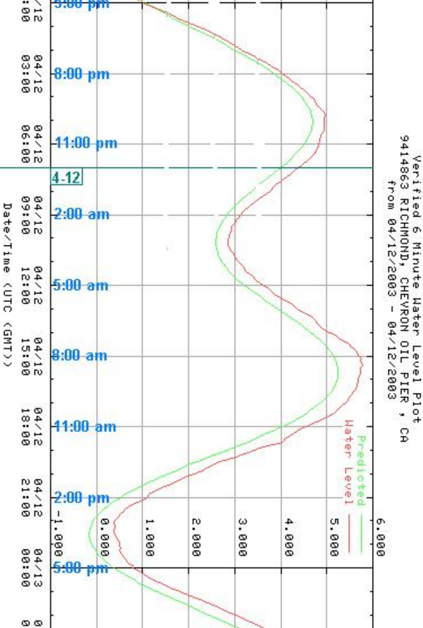
6:53 PM	West	13.8	-

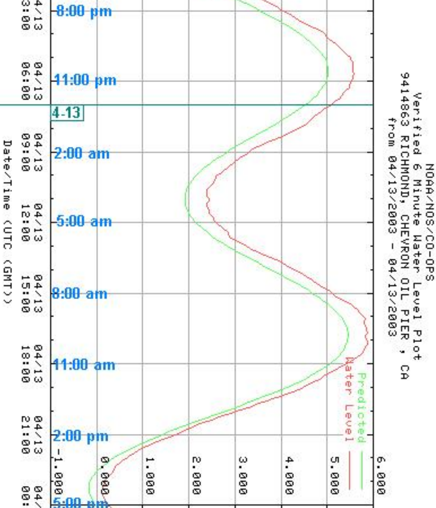


7:53 PM	West	11.5	-
8:53 PM	West	11.5	-
9:53 PM	WNW	9.2	-
10:53 PM	WNW	10.4	-
11:53 PM	WNW	6.9	-
12:53 A.M.	West	8.1	-
1:53 A.M.	WNW	5.8	
2:53 A.M.	NW	5.8	-
4:53 A.M.	West	4.6	-
5:53 A.M.	Calm	Calm	-
6:53 A.M.	East	3.5	-
7:53 A.M.	Calm	Calm	-
8:53 A.M.	South	4.6	-
9:53 A.M.	Calm	Calm	-
10:53 A.M.	SW	4.6	-
11:53 A.M.	Variable	4.6	-
12:53 P.M.	SW	6.9	-
1:53 P.M.	WSW	5.8	-
2:53 P.M.	WSW	6.9	-
3:53 P.M.	West	10.4	-
4:53 P.M.	WNW	13.8	-
5:53 P.M.	West	13.8	-
6:53 P.M.	West	12.7	-
8:53 P.M.	SW	8.1	-
9:53 P.M.	SSW	8.1	-
10:53 P.M.	South	5.8	-
11:53 P.M.	ESE	9.2	-
12:53 A.M.	South	12.7	-
1:53 A.M.	South	15	
2:53 A.M.	South	17.3	-
3:53 A.M.	South	20.7	-
4:53 A.M.	SSE	24.2	-
5:53 A.M.	SSE	26.5	-
6:53 A.M.	SSE	25.3	33.4
7:12 A.M.	SSE	28.8	38
7:53 A.M.	SSE	29.9	35.7
8:53 A.M.	SSE	24.2	32.2
9:53 A.M.	SSE	26.5	-
10:43 A.M.	South	31.1	-
10:53 A.M.	SSE	31.1	38
11:53 A.M.	SSE	21.9	-
12:27 P.M.	WSW	25.3	31.1
12:53 P.M.	SW	19.6	-
1:53 P.M.	SSW	10.4	-
2:53 P.M.	South	13.8	-
3:53 P.M.	South	8.1	-
5:53 P.M.	South	17.3	-
6:53 P.M.	South	16.1	-
7:53 P.M.	South	15	-

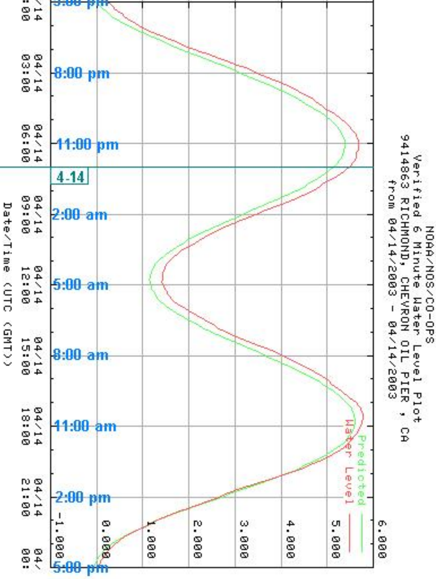




8:53 P.M.	SW	16.1	21.9
9:25 P.M.	SSE	19.6	-
9:53 P.M.	South	13.8	-
10:53 P.M.	South	11.5	-
11:53 P.M.	South	11.5	-
12:53 A.M.	SE	12.7	-
1:53 A.M.	SSE	13.8	
2:53 A.M.	South	9.2	-
3:53 A.M.	ESE	4.6	-
4:53 A.M.	Variable	5.8	-
5:00 A.M.	West	13.8	18.4
5:41 A.M.	WNW	11.5	-
5:53 A.M.	NNW	6.9	-
6:53 A.M.	ESE	12.7	-
7:53 A.M.	SSE	12.7	-
8:53 A.M.	SSW	15	-
9:53 A.M.	SSW	13.8	-
10:11 A.M.	SSW	15	-
10:53 A.M.	South	11.5	-
11:53 A.M.	SSW	16.1	-
12:53 P.M.	SSW	17.3	24.2
1:53 P.M.	SW	20.7	-
2:53 P.M.	SW	17.3	-
3:53 P.M.	SW	17.3	-
4:53 P.M.	SSW	17.3	-
5:53 P.M.	WSW	10.4	-
6:53 P.M.	WSW	16.1	-
7:53 P.M.	SW	6.9	-
8:53 P.M.	WSW	10.4	-
9:53 P.M.	WSW	9.2	-
10:53 P.M.	SW	5.8	-
11:53 P.M.	WSW	5.8	-
12:53 A.M.	East	3.5	-
1:53 A.M.	ENE	5.8	
2:53 A.M.	Calm	Calm	-
3:53 A.M.	Calm	Calm	-
4:53 A.M.	East	6.9	-
5:53 A.M.	ESE	6.9	-
6:53 A.M.	Calm	Calm	-
7:53 A.M.	SE	4.6	-
8:53 A.M.	South	8.1	-
9:53 A.M.	WSW	6.9	-
10:53 A.M.	NW	3.5	-
11:53 A.M.	WNW	5.8	-
12:53 P.M.	NW	6.9	-
1:53 P.M.	NW	13.8	-
2:53 P.M.	NW	11.5	-
3:53 P.M.	WNW	16.1	-
4:53 P.M.	West	16.1	-
5:53 P.M.	West	15	-



NOAA/NOS/CO-OPS
Verified 6 Minute Water Level Plot
9414863 RICHMOND, CHEVRON OIL PIER , CA
from 04/13/2003 - 04/13/2003



NOAA/NOS/CO-OPS
Verified 6 Minute Water Level Plot
9414863 RICHMOND, CHEVRON OIL PIER , CA
from 04/14/2003 - 04/14/2003