

## Wave Direction Occurrence Statistics

Site Name: PORT KEMBLA

Site Code: PTKMOW

Nominated Start/Finish: 20-June-2012 to 30-June-2016, Record Length: 4.03 years

Creation Date: 13-December-2016

## Percentage Occurrence for Wave Direction

Monthly Occurrence Probability														
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
<b>Principal Wave Direction (°TN)</b>														
<b>N</b>	(348.75 - 11.24)	0.00	0.00	0.00	0.00	0.10	0.60	0.06	0.29	0.18	0.05	0.00	0.00	<b>0.091</b>
<b>NNE</b>	( 11.25 - 33.74)	0.07	0.34	0.25	0.40	0.41	1.26	0.29	1.00	0.22	0.15	0.42	1.22	<b>0.500</b>
<b>NE</b>	( 33.75 - 56.24)	3.45	3.56	1.29	2.52	3.89	1.06	2.28	3.58	2.86	6.37	6.71	10.35	<b>4.459</b>
<b>ENE</b>	( 56.25 - 78.74)	12.67	11.23	6.78	15.83	7.37	2.98	8.36	2.70	6.62	7.30	11.89	10.42	<b>8.918</b>
<b>E</b>	( 78.75 - 101.24)	18.06	14.55	17.25	16.63	9.52	6.42	7.36	1.70	8.23	4.75	10.12	15.17	<b>11.113</b>
<b>ESE</b>	(101.25 - 123.74)	12.81	20.31	17.87	13.31	4.91	11.39	13.68	5.81	11.63	6.81	11.46	14.27	<b>12.352</b>
<b>SE</b>	(123.75 - 146.24)	14.79	21.04	22.30	19.35	14.84	21.92	20.22	23.84	20.31	17.98	18.37	15.46	<b>18.923</b>
<b>SSE</b>	(146.25 - 168.74)	25.04	17.19	22.49	21.27	47.59	32.58	29.63	40.87	35.66	40.42	25.38	20.38	<b>28.837</b>
<b>S</b>	(168.75 - 191.24)	11.66	10.30	10.91	9.48	10.44	18.21	15.20	16.27	11.63	14.06	13.77	10.86	<b>12.725</b>
<b>SSW</b>	(191.25 - 213.74)	1.40	1.27	0.86	1.21	0.20	1.26	0.41	0.76	1.12	1.47	1.65	1.76	<b>1.213</b>
<b>SW</b>	(213.75 - 236.24)	0.04	0.15	0.00	0.00	0.00	0.00	0.18	0.12	0.13	0.20	0.04	0.07	<b>0.083</b>
<b>WSW</b>	(236.25 - 258.74)	0.00	0.05	0.00	0.00	0.10	0.20	0.47	1.06	0.13	0.10	0.12	0.04	<b>0.174</b>
<b>W</b>	(258.75 - 281.24)	0.00	0.00	0.00	0.00	0.41	0.40	0.94	0.76	0.98	0.24	0.08	0.00	<b>0.296</b>
<b>WNW</b>	(281.25 - 303.74)	0.00	0.00	0.00	0.00	0.20	0.53	0.82	0.88	0.18	0.00	0.00	0.00	<b>0.187</b>
<b>NW</b>	(303.75 - 326.24)	0.00	0.00	0.00	0.00	0.00	1.13	0.06	0.23	0.04	0.10	0.00	0.00	<b>0.109</b>
<b>NNW</b>	(326.25 - 348.74)	0.00	0.00	0.00	0.00	0.00	0.07	0.06	0.12	0.04	0.00	0.00	0.00	<b>0.022</b>
<b>Monthly Statistics</b>														
<b>Average</b>		123.69	121.63	127.18	121.06	136.14	141.36	135.62	145.55	135.87	137.13	126.12	117.71	<b>129.71</b>
<b>Number of Data Points Used for Statistical Analysis</b>														
<b>No. Points</b>		2,779	2,048	1,623	992	977	1,510	1,711	1,703	2,235	2,041	2,608	2,782	<b>23,009</b>

Monthly Occurrence Probability													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Percent Capture Based on Nominated Start/Finish													
<b>% Capture</b>	93.38	75.52	54.54	34.44	32.83	48.03	57.03	57.22	77.60	68.58	90.56	93.48	<b>65.13</b>

*Wave data collected under the NSW Coastal Data Network Program managed by the Office of Environment and Heritage (OEH)*