

## Wave Direction Occurrence Statistics

Site Name: SYDNEY DIRECTIONAL

Site Code: SYDDOW

Nominated Start/Finish: 03-March-1992 to 30-June-2016, Record Length: 24.33 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	0.03	0.03	0.13	0.02	0.09	0.05	0.01	0.01	0.03	<b>0.034</b>
<b>NNE</b>	( 11.25 - 33.74)	0.12	0.07	0.13	0.18	0.10	0.19	0.10	0.21	0.12	0.22	0.09	0.14	<b>0.142</b>
<b>NE</b>	( 33.75 - 56.24)	4.06	2.63	3.08	1.79	1.43	0.84	0.88	1.84	4.78	5.30	4.47	5.33	<b>3.005</b>
<b>ENE</b>	( 56.25 - 78.74)	15.33	12.94	9.39	5.70	5.60	2.99	3.95	4.71	9.53	11.31	15.70	12.17	<b>8.927</b>
<b>E</b>	( 78.75 - 101.24)	17.97	17.83	15.80	11.18	8.73	7.83	9.08	6.33	6.95	8.60	9.97	11.62	<b>10.823</b>
<b>ESE</b>	(101.25 - 123.74)	12.18	14.46	14.00	14.10	10.66	11.22	12.36	8.15	7.41	7.20	8.98	10.56	<b>10.894</b>
<b>SE</b>	(123.75 - 146.24)	13.51	14.99	17.22	20.74	18.70	18.77	19.01	19.44	16.48	14.33	14.63	14.93	<b>16.979</b>
<b>SSE</b>	(146.25 - 168.74)	19.59	19.42	23.44	29.87	35.25	37.92	35.35	38.23	34.43	30.77	24.17	23.15	<b>29.605</b>
<b>S</b>	(168.75 - 191.24)	15.83	16.58	15.37	15.49	18.31	18.64	16.99	18.34	18.34	20.46	20.02	20.21	<b>17.902</b>
<b>SSW</b>	(191.25 - 213.74)	1.40	1.08	1.54	0.81	0.69	0.82	1.09	1.60	1.17	1.51	1.89	1.66	<b>1.267</b>
<b>SW</b>	(213.75 - 236.24)	0.00	0.00	0.02	0.08	0.12	0.06	0.28	0.18	0.15	0.07	0.03	0.05	<b>0.090</b>
<b>WSW</b>	(236.25 - 258.74)	0.00	0.00	0.00	0.00	0.03	0.08	0.13	0.17	0.15	0.07	0.02	0.03	<b>0.059</b>
<b>W</b>	(258.75 - 281.24)	0.01	0.00	0.00	0.03	0.08	0.13	0.22	0.25	0.19	0.04	0.01	0.04	<b>0.086</b>
<b>WNW</b>	(281.25 - 303.74)	0.00	0.00	0.00	0.00	0.09	0.16	0.30	0.20	0.20	0.08	0.01	0.04	<b>0.094</b>
<b>NW</b>	(303.75 - 326.24)	0.00	0.00	0.00	0.01	0.12	0.19	0.16	0.18	0.05	0.01	0.01	0.03	<b>0.066</b>
<b>NNW</b>	(326.25 - 348.74)	0.00	0.00	0.00	0.01	0.05	0.02	0.10	0.10	0.01	0.01	0.00	0.01	<b>0.026</b>
<b>Monthly Statistics</b>														
<b>Average</b>		122.16	124.77	128.44	135.16	139.80	143.40	141.29	143.50	136.26	133.77	129.06	129.36	<b>134.22</b>
<b>Number of Data Points Used for Statistical Analysis</b>														
<b>No. Points</b>		13,826	12,762	14,883	15,258	15,409	15,318	16,220	15,358	14,887	15,469	14,257	14,862	<b>178,509</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>	81.40	82.28	82.98	88.00	85.81	86.93	92.68	87.75	88.38	90.50	86.30	87.24	<b>86.71</b>

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