

# Cape Jaffa, South Australia

## July 2008 Daily Weather Observations

Observations are about 2 km from the coast and 20 km southwest of Kingston.



Australian Government  
Bureau of Meteorology

| Date                            | Day | Temps |      | Rain  | Evap | Sun | Max wind gust |      |       | 9am  |    |         |      |      | 3pm    |      |    |         |      |      |        |  |
|---------------------------------|-----|-------|------|-------|------|-----|---------------|------|-------|------|----|---------|------|------|--------|------|----|---------|------|------|--------|--|
|                                 |     | Min   | Max  |       |      |     | Dirn          | Spd  | Time  | Temp | RH | Cld     | Dirn | Spd  | MSLP   | Temp | RH | Cld     | Dirn | Spd  | MSLP   |  |
|                                 |     | °C    | °C   |       |      |     |               | km/h | local | °C   | %  | eighths |      | km/h | hPa    | °C   | %  | eighths |      | km/h | hPa    |  |
| 1                               | Tu  | 8.8   | 14.2 | 9.6   |      |     | WSW           | 91   | 05:11 | 12.1 | 62 |         | WSW  | 43   | 1012.8 | 13.4 | 65 |         | W    | 39   | 1013.3 |  |
| 2                               | We  | 12.0  | 14.1 | 0.6   |      |     | WSW           | 63   | 02:02 | 13.5 | 67 |         | WSW  | 35   | 1018.6 | 11.5 | 78 |         | SW   | 24   | 1021.0 |  |
| 3                               | Th  | 9.3   | 14.1 | 0     |      |     | SSW           | 30   | 06:44 | 11.6 | 71 |         | SW   | 17   | 1027.0 | 13.0 | 67 |         | SSW  | 6    | 1026.3 |  |
| 4                               | Fr  | 7.3   | 12.5 | 0.6   |      |     | NNE           | 30   | 10:30 | 9.9  | 74 |         | ENE  | 15   | 1029.2 | 11.8 | 67 |         | NNE  | 11   | 1027.1 |  |
| 5                               | Sa  | 3.2   | 12.3 | 0     |      |     | NNE           | 46   | 23:46 | 8.4  | 84 |         | NE   | 19   | 1024.4 | 12.0 | 63 |         | NNE  | 30   | 1019.9 |  |
| 6                               | Su  | 8.3   | 14.9 | 0     |      |     | N             | 50   | 13:52 | 10.7 | 77 |         | NNE  | 31   | 1017.3 | 13.9 | 73 |         | N    | 35   | 1013.8 |  |
| 7                               | Mo  | 7.5   | 10.5 | 13.6  |      |     | SSW           | 69   | 17:24 | 7.9  | 90 |         | N    | 19   | 1013.5 | 8.3  | 87 |         | S    | 33   | 1014.3 |  |
| 8                               | Tu  | 7.7   | 12.6 | 11.0  |      |     | SW            | 61   | 08:45 | 9.6  | 81 |         | SW   | 31   | 1022.8 | 11.8 | 67 |         | SW   | 30   | 1023.2 |  |
| 9                               | We  | 7.8   | 14.8 | 2.0   |      |     | NNW           | 72   | 22:23 | 9.9  | 94 |         | NE   | 13   | 1023.2 | 13.6 | 83 |         | NNW  | 39   | 1018.4 |  |
| 10                              | Th  | 6.8   | 12.0 | 4.0   |      |     | WSW           | 91   | 16:04 | 9.8  | 69 |         | WSW  | 44   | 1013.2 | 11.5 | 63 |         | WSW  | 65   | 1011.9 |  |
| 11                              | Fr  | 8.2   | 12.5 | 2.6   |      |     | SSW           | 54   | 00:48 | 10.6 | 80 |         | SW   | 24   | 1021.0 | 11.6 | 69 |         | W    | 11   | 1020.6 |  |
| 12                              | Sa  | 6.1   | 12.4 | 0.4   |      |     | N             | 61   | 10:49 | 8.5  | 71 |         | NNE  | 41   | 1015.3 | 11.5 | 64 |         | NNE  | 43   | 1009.6 |  |
| 13                              | Su  | 8.4   | 14.6 | 0     |      |     | NNE           | 57   | 00:11 | 10.6 | 73 |         | NNE  | 39   | 1009.1 | 14.2 | 73 |         | N    | 35   | 1008.1 |  |
| 14                              | Mo  | 7.9   | 11.5 | 6.2   |      |     | S             | 59   | 10:26 | 9.2  | 92 |         | ESE  | 39   | 1005.5 | 10.7 | 94 |         | WNW  | 20   | 1010.1 |  |
| 15                              | Tu  | 9.2   | 13.4 | 23.4  |      |     | E             | 33   | 07:58 | 11.4 | 94 |         | ESE  | 20   | 1015.6 | 11.8 | 94 |         | SSW  | 20   | 1016.7 |  |
| 16                              | We  | 8.4   | 14.0 | 1.0   |      |     | N             | 37   | 13:17 | 12.0 | 86 |         | NW   | 20   | 1018.2 | 12.1 | 80 |         | N    | 28   | 1015.2 |  |
| 17                              | Th  | 8.1   | 14.0 | 0.4   |      |     | SW            | 57   | 21:46 | 11.5 | 79 |         | N    | 41   | 1006.3 | 13.2 | 77 |         | NW   | 22   | 1005.0 |  |
| 18                              | Fr  | 8.4   | 13.4 | 9.0   |      |     | WSW           | 69   | 01:37 | 11.2 | 61 |         | WSW  | 22   | 1011.5 | 11.6 | 72 |         | WSW  | 17   | 1011.1 |  |
| 19                              | Sa  | 5.5   | 12.6 | 0.8   |      |     | NNE           | 46   | 22:11 | 8.6  | 84 |         | NE   | 24   | 1005.2 | 11.6 | 68 |         | NE   | 24   | 1000.2 |  |
| 20                              | Su  | 6.9   | 13.5 | 1.4   |      |     | S             | 67   | 23:58 | 11.3 | 78 |         | N    | 19   | 1001.0 | 12.3 | 74 |         | NNW  | 15   | 1002.4 |  |
| 21                              | Mo  | 8.8   | 12.9 | 10.0  |      |     | S             | 69   | 04:12 | 11.4 | 66 |         | S    | 43   | 1019.5 | 11.5 | 63 |         | S    | 33   | 1024.0 |  |
| 22                              | Tu  | 7.7   | 13.0 | 0     |      |     | SSW           | 35   | 07:01 | 10.1 | 75 |         | Calm |      | 1032.5 | 11.2 | 59 |         | S    | 13   | 1031.7 |  |
| 23                              | We  | 5.4   | 12.8 | 0.4   |      |     | NE            | 24   | 14:12 | 7.0  | 78 |         | ENE  | 11   | 1034.2 | 11.9 | 50 |         | ENE  | 13   | 1031.1 |  |
| 24                              | Th  | 1.5   | 12.0 | 0     |      |     | NNE           | 35   | 10:51 | 7.2  | 81 |         | NE   | 20   | 1028.0 | 11.5 | 64 |         | N    | 20   | 1024.0 |  |
| 25                              | Fr  | 2.5   | 13.3 | 0     |      |     | W             | 44   | 23:45 | 9.5  | 79 |         | NNE  | 28   | 1020.0 | 12.2 | 67 |         | NNW  | 22   | 1018.4 |  |
| 26                              | Sa  | 6.4   | 12.2 | 12.4  |      |     | SSW           | 46   | 16:43 | 8.3  | 90 |         | N    | 11   | 1017.3 | 9.4  | 84 |         | SSW  | 19   | 1015.9 |  |
| 27                              | Su  | 6.1   | 11.9 | 11.0  |      |     | S             | 43   | 12:21 | 7.9  | 81 |         | ENE  | 9    | 1016.0 | 11.2 | 70 |         | SW   | 9    | 1014.9 |  |
| 28                              | Mo  | 5.3   | 13.9 | 1.0   |      |     | S             | 26   | 04:48 | 9.0  | 86 |         | E    | 13   | 1022.9 | 13.5 | 60 |         | E    | 13   | 1022.4 |  |
| 29                              | Tu  | 2.1   | 13.7 | 0     |      |     | N             | 59   | 20:51 | 5.7  | 86 |         | NE   | 22   | 1019.7 |      |    |         |      |      |        |  |
| 30                              | We  | 5.6   | 15.4 | 1.2   |      |     | NNE           | 56   | 02:48 | 13.7 | 84 |         | W    | 26   | 1009.2 | 14.7 | 72 |         | W    | 26   | 1010.0 |  |
| 31                              | Th  | 4.6   | 14.9 | 0.2   |      |     | N             | 41   | 13:21 | 11.3 | 87 |         | N    | 30   | 1006.1 | 13.7 | 79 |         | NNW  | 28   | 1002.6 |  |
| <b>Statistics for July 2008</b> |     |       |      |       |      |     |               |      |       |      |    |         |      |      |        |      |    |         |      |      |        |  |
| Mean                            |     | 6.8   | 13.2 |       |      |     |               |      |       | 10.0 | 79 |         |      | 24   | 1017.3 | 12.1 | 71 |         |      | 24   | 1016.1 |  |
| Lowest                          |     | 1.5   | 10.5 |       |      |     |               |      |       | 5.7  | 61 |         |      | Calm | 1001.0 | 8.3  | 50 |         | SSW  | 6    | 1000.2 |  |
| Highest                         |     | 12.0  | 15.4 | 23.4  |      |     | WSW           | 91   |       | 13.7 | 94 |         | WSW  | 44   | 1034.2 | 14.7 | 94 |         | WSW  | 65   | 1031.7 |  |
| Total                           |     |       |      | 122.8 |      |     |               |      |       |      |    |         |      |      |        |      |    |         |      |      |        |  |

Observations were drawn from Cape Jaffa (The Limestone) (station 026095)

The closest representative station reporting cloud is Robe, about 20 kilometres to the south. This will give a guide to conditions at Cape Jaffa in most situations. The closest evaporation site is Coonawarra about 100 kilometres to the east southeast. Evaporation is affected by cloud, relative humidity, temperature and wind strength during the day. The average monthly and annual evaporation from Coonawarra and Cape Jaffa are similar. See climate maps for average evaporation and sunshine data.

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