

Hamilton Island, Queensland  
December 2024 Daily Weather Observations

| 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                            | Su  | 23.6  | 28.5 | 7.6   |      |     | N             | 35   | 11:32 | 26.9 | 86 | 8       | SE   | 9    | 1010.3 | 25.8 | 92 | 6       | W    | 9    | 1007.7 |
| 2                            | Mo  | 23.8  | 28.0 | 62.6  |      |     | NE            | 35   | 17:20 | 24.7 | 95 | 8       | WNW  | 9    | 1010.0 | 27.4 | 83 | 1       | E    | 24   | 1007.3 |
| 3                            | Tu  | 24.5  | 28.4 | 2.6   |      |     | ENE           | 35   | 01:44 | 27.4 | 79 | 8       | NE   | 15   | 1010.3 | 25.3 | 92 | 8       | ESE  | 22   | 1008.3 |
| 4                            | We  | 24.6  | 29.1 | 1.6   |      |     | E             | 50   | 18:47 | 27.3 | 82 | 8       | ESE  | 20   | 1012.0 | 27.3 | 83 | 8       | E    | 28   | 1010.3 |
| 5                            | Th  | 23.8  | 28.4 | 2.0   |      |     | E             | 48   | 14:19 | 27.4 | 82 | 4       | ESE  | 31   | 1014.2 | 27.9 | 84 | 1       | ESE  | 35   | 1012.4 |
| 6                            | Fr  | 25.4  | 28.6 | 2.8   |      |     | ESE           | 48   | 07:31 | 27.6 | 74 | 1       | ESE  | 35   | 1014.7 | 27.9 | 73 | 3       | ESE  | 39   | 1012.6 |
| 7                            | Sa  | 24.5  | 28.9 | 1.8   |      |     | E             | 46   | 01:28 | 27.9 | 73 | 7       | ESE  | 30   | 1013.9 | 28.3 | 80 | 3       | ESE  | 26   | 1011.2 |
| 8                            | Su  | 25.8  | 29.2 | 0     |      |     | E             | 31   | 14:19 | 28.2 | 71 | 8       | E    | 19   | 1012.3 | 28.2 | 69 |         | E    | 24   | 1008.9 |
| 9                            | Mo  | 24.3  | 29.6 | 0     |      |     | ENE           | 31   | 17:44 | 28.1 | 69 |         | ESE  | 11   | 1011.7 | 28.2 | 69 |         | E    | 24   | 1008.6 |
| 10                           | Tu  | 24.8  | 30.7 | 0     |      |     | E             | 30   | 13:25 | 28.0 | 69 | 6       | ESE  | 17   | 1010.7 | 28.1 | 72 |         | ESE  | 20   | 1007.8 |
| 11                           | We  | 25.5  | 31.2 | 0     |      |     | NW            | 41   | 11:45 | 28.4 | 78 |         | NW   | 24   | 1007.3 | 29.7 | 70 |         | NW   | 26   | 1003.6 |
| 12                           | Th  | 22.4  | 27.9 | 17.6  |      |     | S             | 44   | 02:03 | 26.6 | 84 | 4       | ESE  | 7    | 1006.2 | 25.6 | 91 | 8       | ENE  | 17   | 1004.2 |
| 13                           | Fr  | 24.5  | 28.2 | 5.2   |      |     | NE            | 31   | 11:40 | 27.2 | 82 | 8       | SSE  | 2    | 1006.6 | 23.9 | 97 | 8       | ENE  | 17   | 1003.9 |
| 14                           | Sa  | 23.3  | 29.2 | 35.8  |      |     | S             | 67   | 20:40 | 26.7 | 88 | 8       | SE   | 15   | 1006.1 | 27.6 | 83 | 7       | E    | 22   | 1004.2 |
| 15                           | Su  | 21.7  | 29.4 | 3.4   |      |     | E             | 37   | 15:58 | 27.8 | 77 |         | SE   | 20   | 1007.1 | 28.0 | 79 |         | E    | 28   | 1004.7 |
| 16                           | Mo  | 25.2  | 31.1 | 0     |      |     | NW            | 30   | 13:41 | 28.3 | 73 |         | WNW  | 15   | 1005.9 | 29.1 | 78 |         | NNW  | 20   | 1002.3 |
| 17                           | Tu  | 25.1  | 32.4 | 1.0   |      |     | NE            | 46   | 15:19 | 29.3 | 67 |         | S    | 6    | 1005.3 | 29.8 | 70 | 5       | NE   | 31   | 1001.5 |
| 18                           | We  | 24.0  | 29.9 | 10.4  |      |     | NE            | 44   | 19:29 | 27.6 | 78 |         | WNW  | 4    | 1004.4 | 29.0 | 65 | 8       | NE   | 19   | 1003.1 |
| 19                           | Th  | 23.0  | 27.4 | 126.6 |      |     | ESE           | 52   | 22:25 | 24.1 | 96 |         | ESE  | 13   | 1007.4 | 26.7 | 86 | 6       | ESE  | 22   | 1005.3 |
| 20                           | Fr  | 23.8  | 26.1 | 144.2 |      |     | E             | 65   | 23:25 | 24.4 | 97 |         | NW   | 9    | 1007.0 | 24.6 | 93 |         | N    | 24   | 1004.1 |
| 21                           | Sa  | 23.6  | 27.2 | 134.4 |      |     | SE            | 72   | 17:54 | 26.1 | 91 | 8       | ESE  | 48   | 1003.7 | 25.3 | 97 | 8       | SE   | 31   | 1002.2 |
| 22                           | Su  | 24.1  | 27.7 | 48.8  |      |     | SE            | 54   | 10:48 | 25.5 | 87 | 8       | SSE  | 39   | 1004.8 | 27.4 | 79 | 8       | SE   | 41   | 1002.4 |
| 23                           | Mo  | 24.9  | 28.8 | 0     |      |     | SE            | 33   | 01:30 | 26.4 | 80 | 2       | SSE  | 26   | 1004.9 | 27.6 | 75 |         | E    | 20   | 1003.4 |
| 24                           | Tu  | 24.5  | 32.5 | 0     |      |     | NW            | 30   | 16:26 | 28.0 | 77 |         | NW   | 15   | 1006.7 | 31.5 | 63 |         | NW   | 19   | 1004.7 |
| 25                           | We  | 26.0  | 29.7 | 0     |      |     | ESE           | 61   | 10:56 | 28.9 | 75 | 8       | E    | 19   | 1012.8 | 27.8 | 73 | 8       | ESE  | 39   | 1011.2 |
| 26                           | Th  | 25.0  | 28.5 | 4.2   |      |     | ESE           | 43   | 04:09 | 27.2 | 66 | 7       | ESE  | 31   | 1015.3 | 27.5 | 59 |         | ESE  | 26   | 1012.2 |
| 27                           | Fr  | 25.2  | 30.2 | 0     |      |     | E             | 33   | 00:16 | 27.8 | 58 |         | ESE  | 17   | 1012.8 | 28.2 | 64 |         | E    | 22   | 1009.1 |
| 28                           | Sa  | 25.0  | 30.8 | 0     |      |     | NW            | 35   | 15:35 | 27.6 | 79 | 8       | W    | 7    | 1011.5 | 30.0 | 72 |         | NW   | 24   | 1008.3 |
| 29                           | Su  | 26.1  | 32.2 | 0     |      |     | N             | 30   | 02:53 | 28.8 | 72 |         | NW   | 17   | 1011.6 | 31.4 | 65 | 5       | NW   | 13   | 1009.4 |
| 30                           | Mo  | 26.5  | 31.5 | 0     |      |     | ESE           | 30   | 12:56 | 29.7 | 61 | 5       | ENE  | 13   | 1012.9 | 28.6 | 67 | 8       | E    | 22   | 1011.2 |
| 31                           | Tu  | 26.0  | 30.1 | 0     |      |     | E             | 33   | 15:59 | 29.0 | 74 | 1       | SSE  | 9    | 1011.6 | 29.2 | 73 | 1       | E    | 24   | 1008.1 |
| Statistics for December 2024 |     |       |      |       |      |     |               |      |       |      |    |         |      |      |        |      |    |         |      |      |        |
| Mean                         |     | 24.5  | 29.4 |       |      |     |               |      |       | 27.4 | 78 | 6       |      | 17   | 1009.4 | 27.8 | 77 | 5       |      | 24   | 1006.9 |
| Lowest                       |     | 21.7  | 26.1 |       |      |     |               |      |       | 24.1 | 58 | 1       | SSE  | 2    | 1003.7 | 23.9 | 59 | 1       | W    | 9    | 1001.5 |
| Highest                      |     | 26.5  | 32.5 | 144.2 |      |     | SE            | 72   |       | 29.7 | 97 | 8       | ESE  | 48   | 1015.3 | 31.5 | 97 | 8       | SE   | 41   | 1012.6 |
| Total                        |     |       |      | 612.6 |      |     |               |      |       |      |    |         |      |      |        |      |    |         |      |      |        |

Observations were drawn from Hamilton Island Airport (station 033106)  
Some cloud observations are from automated equipment; these are somewhat different to those made by a human observer and may not appear every day.