

Hawkes Bay Long Range Forecast
Issued by: James Morrison
Date: 19 December 2016



Date	Temp		Rain		Forecast	Risk of Air Frost	Growing Degree Days	General Disease Risk	Wind Dir AM	Wind Speed AM	Spray Conditions	Wind Dir PM	Wind Speed PM	Spray Conditions	Daily Evapotranspiration
	Min	Max	Chance	Totals											
Monday, 19 December	15	26	60%	1 - 2	High cloud increases with breezy northwest winds. Late showers spread north along with a cooler southerly change.	L	11	L	NW	20	M	W	25	P	3.6
Tuesday, 20 December	10	23	25%	0	Mainly fine and sunny with light winds tending southeast and freshening on the plains for a time. A few afternoon cloud buildups likely inland. Winds tend northeast by evening.	L	6.5	L	NE	10	G	NE	25	P	3.5

Next 5 Days

Wednesday, 21 December	11	27	10%	0	Mainly fine with north to northwest winds freshening inland. Northeasterlies continue along the coast.	L	9	L	NW	15	G	N	25	P	4.2
Thursday, 22 December	13	29	10%	0	Fine with some high cloud. North to northwest winds continue.	L	11	L	N	15	G	NW	25	P	4.2
Friday, 23 December	13	21	65%	1 - 2	Few showers then clearing. Cooler southwest change.	L	7	L	SW	20	P	S	25	P	2.5
Saturday, 24 December	9	23	10%	0	Mostly fine and sunny with light winds and sea breezes.	L	6	L	NW	10	G	NE	20	M	3.0
Sunday, 25 December	10	25	15%	0	Cloud and fine breaks with light winds.	L	7.5	L	NW	10	G	NE	15	G	3.2

Long Range Outlook

Monday, 26 December	13	27	10%	0	Mainly fine with north to northwest winds.	L	10	L	NE	15	G	N	25	P
Tuesday, 27 December	15	30	10%	0	Fine with increasing high cloud. Mild northwest winds.	L	13	L	NW	20	M	NW	30	P
Wednesday, 28 December	11	22	55%	1 - 2	Early shower then fine and sunny. Southerly breezes.	L	6.5	L	SW	15	G	SE	20	M
Thursday, 29 December	12	21	60%	1 - 2	Cloud and fine breaks, chance of a shower. Southerly winds.	L	6.5	L	SW	15	g	S	25	P
Friday, 30 December	12	22	15%	0	Cloud and fine breaks. Southeast breezes.	L	7	L	SE	10	G	SE	20	M
Saturday, 31 December	14	26	10%	0	Fine with light winds tending northerly.	L	10	L	NW	10	G	NE	25	P
Sunday, 1 January	17	25	25%	0	Cloud increasing. Northeast winds.	L	11	L	NE	20	M	NE	25	P

Monthly Growing Stats

Hastings	December
Mean Temperature	18.0 c
5 year average	17.0 c
Rainfall	12.0 mm
5 year average	70.0 mm
Growing Degree Days	135.5 GDD
5 year average	200.0 GDD

Cumulative GDD Data

Hastings	Season
30 year average	1559.00
5 year average	1559.00
Last season	1640.00
this season to date	586.45
GDD is currently running	41.00
Above the 5 year Average	

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Situation Statement

High pressure in the Tasman Sea drifts east this week then a new high forms in the Tasman Sea over the weekend. A west to southwest flow dominates for most of the time. A low forms in the tropics near Fiji but the high keeps this low well away. Pressure does weaken around the 29th and this allows a shallow low to form and bring some rain to the North Island. High pressure builds again after that with a milder northwest flow. Overall, rainfall is below average across the country, mean temperatures are above average and sunshine hours are near or above average.

Forecast Summaries (Next 14 days)

Mean Temperature

14 day mean	30 year mean	Trend
18.6	17.0	1.6
Above Average		

GDD Totals

14 day mean	30 year mean	Trend
121	105	16.0
Near Average		

Rainfall Totals

Minimum	Maximum	Total rain day:
4	8	4
Below Average		

