

Gisborne 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	16	25	60%	1 - 2	High cloud increasing. A few showers spread north late in the day. Northwest winds at first then change to cooler southwesterlies.	L	11	L	NW	15	G	W	25	P	4.6
Tuesday, 20 December	10	23	25%	0	Mainly fine with a few afternoon cloud buildups. Light winds tend southeast about the coast then slowly tend northeast at night.	L	6.5	L	SE	10	G	SE	20	M	2.7

Next 5 Days

Wednesday, 21 December	14	27	10%	0	Mainly fine with north to northwest winds freshening inland. Northeasterlies about the coast.	L	11	L	NW	15	G	N	25	P	3.0
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, Cooler southerly change.	L	7	L	SW	20	P	S	25	P	2.2
Saturday, 24 December	11	22	10%	0	Early cloud clearing then mostly fine and sunny with light winds and sea breezes.	L	6.5	L	SW	10	G	SW	20	M	2.8
Sunday, 25 December	13	25	15%	0	Cloud and fine breaks with light winds.	L	9	L	NW	10	G	NE	15	G	3.6

Long Range Outlook

Monday, 26 December	14	26	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	23	55%	1 - 2	Early shower then fine and sunny. Southwesterly breezes.	L	7	L	SW	15	G	SE	20	M
Thursday, 29 December	12	22	60%	1 - 2	Cloud and fine breaks, chance of a shower. Southerly winds.	L	7	L	SW	15	G	S	25	P
Friday, 30 December	13	23	15%	0	Cloud and fine breaks. Southeast breezes.	L	8	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

Gisborne	December
Mean Temperature	17.6 c
5 year average	17.5 c
Rainfall	22.3 mm
5 year average	65.0 mm
Growing Degree Days	131.0 GDD
5 year average	210.0 GDD

Cumulative GDD Data

Gisborne	Season
30 year average	1559.00
5 year average	1559.00
Last season	1640.00
this season to date	595.00
GDD is currently running	66.50
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 low 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
19.0	17.5	1.5
Above Average		
GDD Totals		
14 day mean	30 year mean	Trend
127	105	21.5
Near Average		
Rainfall Totals		
Minimum	Maximum	Total rain d
4	8	4
Near Average		

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