

REGIONAL HAZARDS ADVISORY

Issued by: Waikato Regional Council

Date/time: 04/01/2018 12:00 pm

Overview of event

A rapidly deepening low is forecast to approach New Zealand from the northwest today, then to lie the west of the North Island on Thursday while continuing to move southeastwards. During Thursday, the low spreads a moist and strong northeast flow over central and southern New Zealand, delivering heavy rain and strong northeasterly winds to these areas.

Emergency contact details: 0800 800 401...ask for... Regional Flood Liaison or Regional Flood Coordinator

Type of Event		Area affected
Severe Weather	✓	Waikato Region
Heavy Rain	✓	Coromandel, Hauraki, Taupo
Potential River Flooding	✓	Coromandel, Hauraki, Taupo
Current River Flooding		
Coastal Erosion	✓	Possible in areas already prone to coastal erosion
Coastal Storm Inundation	✓	Coromandel, Hauraki, possible West coast
Lifelines	✓	Waikato Region – Possible Power Outages, road closures

WRC Regional Hazards Response Status:

Normal	Monitoring	Activated
		✓

Local (Coromandel Zone, Hauraki Zone) Flood Response Room Status:

Flood Room Not Activated	Flood Room Activated
✓	

Regional Flood Response Room Status:

Flood Room Not Activated	Flood Room Activated
✓	

Warnings and alarms

Severe weather advisory

WARNING	WATCH	Multiple Warnings and Watches.
✓	✓	

MetService Alerts:

Heavy Rain Warning for Coromandel Peninsula

Issued 10:35am Thursday 04 Jan 2018

Coromandel Peninsula Rain is expected to become heavy for a time from early this afternoon to overnight Thursday. Expect 90 to 130mm of rain to accumulate during this time, especially about the ranges. Peak intensities of 20 to 30mm/hr, especially from this evening.

Severe Wind Warning for Coromandel Peninsula

Issued 10:35am Thursday 04 Jan 2018

Coromandel Peninsula, Waikato, Waitomo, Taumarunui, Bay Of Plenty, Rotorua, Taupo, Taranaki, Taihape From this evening until around dawn Friday, northeasterlies are expected to become severe gusting 120 km/h in exposed places, then strong north to northwesterly winds are expected from mid-morning Friday to early Friday evening, severe gusting 120 km/h in exposed places, especially from Taupo westwards. The combination of strong winds and high tides may also cause coastal inundation in Coromandel and Bay of Plenty including the Firth of Thames from this evening to Friday morning.

Heavy Rain Warning for Taupo

Issued 10:35am Thursday 04 Jan 2018

Tongariro National Park Rain is expected to become heavy at times from early this afternoon to late Friday evening. Expect 120-150mm of rain to accumulate during this time. Peak intensities of 15 to 25mm/hr.

Severe Wind Warning for Taupo

Issued 10:35am Thursday 04 Jan 2018

Coromandel Peninsula, Waikato, Waitomo, Taumarunui, Bay Of Plenty, Rotorua, Taupo, Taranaki, Taihape From this evening until around dawn Friday, northeasterlies are expected to become severe gusting 120 km/h in exposed places, then strong north to northwesterly winds are expected from mid-morning Friday to early Friday evening, severe gusting 120 km/h in exposed places, especially from Taupo westwards. The combination of strong winds and high tides may also cause coastal inundation in Coromandel and Bay of Plenty including the Firth of Thames from this evening to Friday morning.

Severe Wind Warning for Waikato

Issued 10:35am Thursday 04 Jan 2018

Coromandel Peninsula, Waikato, Waitomo, Taumarunui, Bay Of Plenty, Rotorua, Taupo, Taranaki, Taihape From this evening until around dawn Friday, northeasterlies are expected to become severe gusting 120 km/h in exposed places, then strong north to northwesterly

winds are expected from mid-morning Friday to early Friday evening, severe gusting 120 km/h in exposed places, especially from Taupo westwards. The combination of strong winds and high tides may also cause coastal inundation in Coromandel and Bay of Plenty including the Firth of Thames from this evening to Friday morning.

Severe Wind Warning for Waitomo

Issued 10:35am Thursday 04 Jan 2018

Coromandel Peninsula, Waikato, Waitomo, Taumarunui, Bay Of Plenty, Rotorua, Taupo, Taranaki, Taihape From this evening until around dawn Friday, northeasterlies are expected to become severe gusting 120 km/h in exposed places, then strong north to northwesterly winds are expected from mid-morning Friday to early Friday evening, severe gusting 120 km/h in exposed places, especially from Taupo westwards. The combination of strong winds and high tides may also cause coastal inundation in Coromandel and Bay of Plenty including the Firth of Thames from this evening to Friday morning.

Heavy Rain Warning for Rotorua

Issued 10:35am Thursday 04 Jan 2018

Bay Of Plenty, Rotorua, Gisborne north of Ruatoria Rain is expected to become heavy for a time from Thursday afternoon to around dawn Friday. Expect 100-150mm of rain to accumulate about the ranges, especially the ranges, while 70-100mm of rain may accumulate elsewhere. Peak intensities of 20 to 30mm/hr possible.

Severe Wind Warning for Rotorua

Issued 10:35am Thursday 04 Jan 2018

Coromandel Peninsula, Waikato, Waitomo, Taumarunui, Bay Of Plenty, Rotorua, Taupo, Taranaki, Taihape From this evening until around dawn Friday, northeasterlies are expected to become severe gusting 120 km/h in exposed places, then strong north to northwesterly winds are expected from mid-morning Friday to early Friday evening, severe gusting 120 km/h in exposed places, especially from Taupo westwards. The combination of strong winds and high tides may also cause coastal inundation in Coromandel and Bay of Plenty including the Firth of Thames from this evening to Friday morning.

For up to date weather information please visit the MetService website:

www.metservice.com.

Current River Status

Early warning river level alarms

No rivers have reached alarm levels at this stage. The most up to date rainfall and river level information should be obtained from the Waikato Regional Council website:

<http://www.waikatoregion.govt.nz/Services/Regional-services/River-levels-and-rainfall/>

River system	Advisory status
Lake Taupo	NORMAL
Upper Waikato River	NORMAL
Central Waikato River	NORMAL

Waipa River	NORMAL
Lower Waikato River	NORMAL
Piako River (incl Waitoa River)	NORMAL
Waihou River (incl Ohinemuri River)	NORMAL
Coromandel Peninsula	NORMAL
West Coast rivers	NORMAL
Coastal waters	King Tides

Coastal Information

Firth of Thames:

We are currently in a 'King Tide' phase with larger than normal tide ranges. The combination and coincidence of high tides and peak wind/waves occurring about the same time as predicted heavy rainfall may exacerbate river flood levels, particularly Thursday evening along the southern Firth of Thames.

High Tide times (NZDT) sourced from NIWA tide forecaster:

- Whitianga
 - Thursday 4th at 09:16 and 21:33
 - Friday 5th at 10:10 and 22:28
- Thames
 - Thursday 4th at 09:44 and 22:03
 - Friday 5th at 10:37 and 22:57
- Raglan (West Coast)
 - Thursday 4th at 12:07
 - Friday 5th at 00:30 and 12:55