

OCTOBER
2014

HAWKE'S BAY

trends

THE STATE OF OUR
ENVIRONMENT



Ministry for Primary Industries
Manatū Ahu Matua




HAWKE'S BAY
REGIONAL COUNCIL

OCTOBER SUMMARY

Regional Council Science Summary

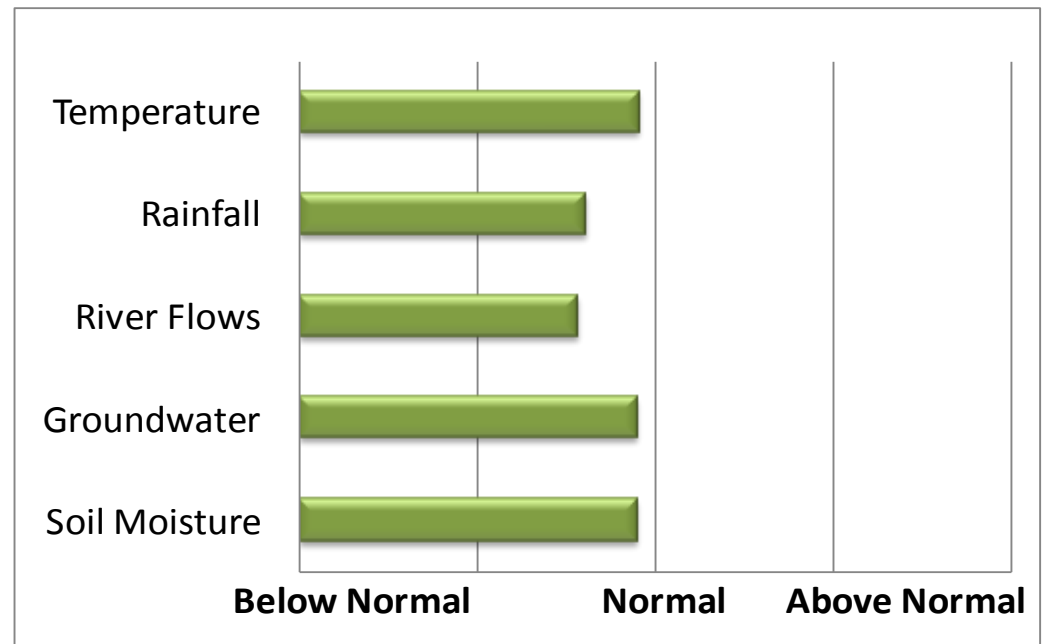
There were no real surprises in October. It was windy and changeable : typically spring-like.

This is a summary of the region's rainfall, groundwater, river and soil moisture levels.

Data and images provided by HBRC and MPI.

www.hbrc.govt.nz

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Summary information in this report reflects regional averages. Specific situations between catchments will vary. More in-depth information is available on Council's website.

November to January Forecast

Temperature	Near average
Rain	Near to below normal
River flows	Near normal
Soil moisture	Near normal

source : NIWA

TEMPERATURES

A bit up, a bit down

We had near normal days and colder than usual nights – making the warm days more enjoyable.

Mean Difference from Normal

Maximum Temperature: 0.1°C

Minimum Temperature: -0.7°C

Mean Daily Maximum: 17°C

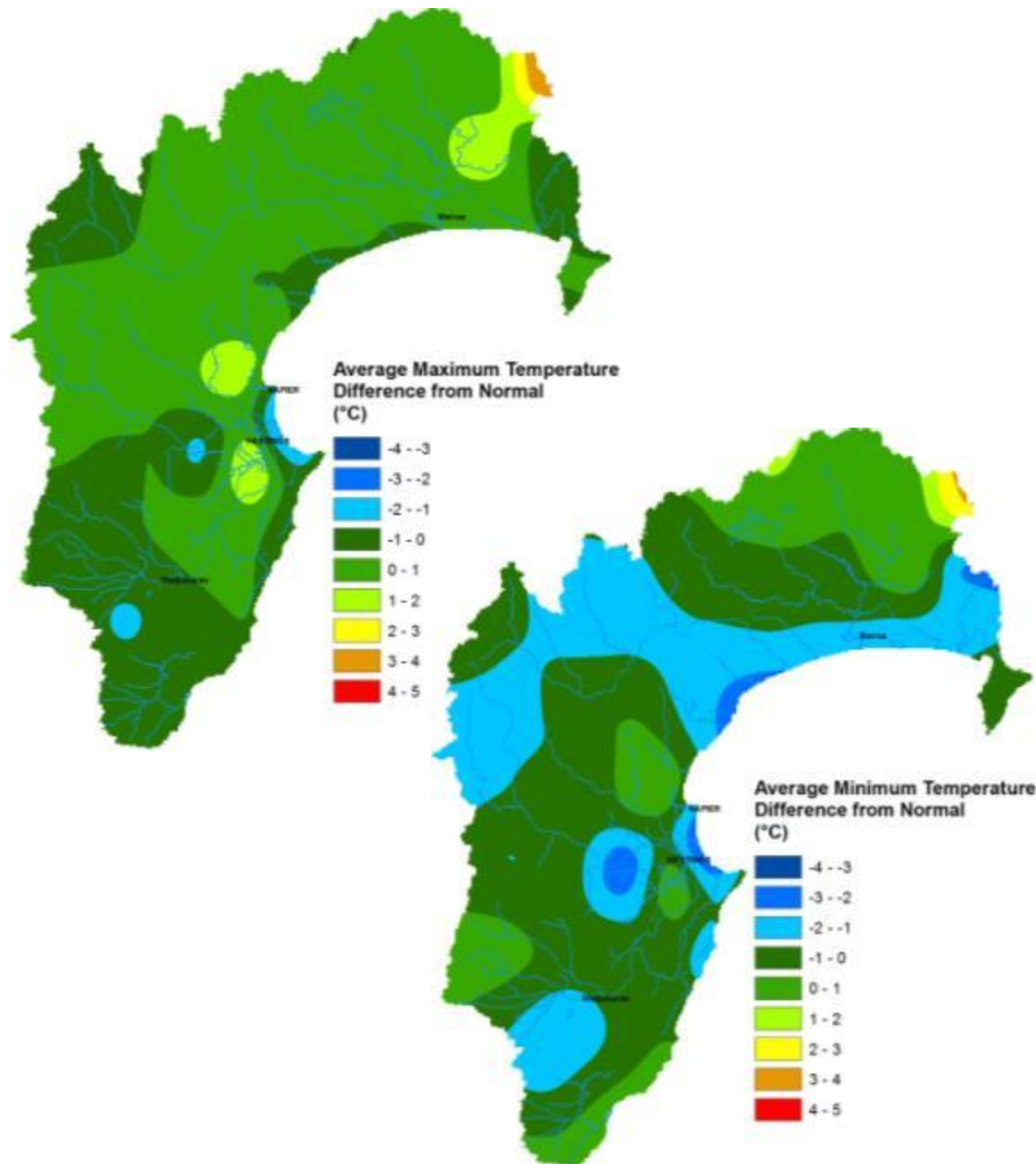
Mean Daily Minimum: 7°C

Highest Daily: 25.4°C

Location: Bridge Pa

Lowest Daily: -4°C

Location: Taharua





The October Roundup

Warmer temperatures in October saw pastures respond, particularly where nitrogen was applied in August and September to boost growth when it was hampered by cooler weather. However, wind started to dry things out later in October. While the periodic rainfall was welcome, more rain in early November will maintain pasture growth into summer and sustain newly-planted crops. Pasture levels are good and stock continue to do well. Lambing looks to be better than last year.

Farmer morale is positive, and sheep and beef farmers are very happy with price expectations especially for beef.

Favourable seasonal conditions continue for most

dairy farmers. However, the situation is variable from near-perfect spring conditions in some areas to dairy farmers in the north not getting quite enough sun to really get pastures growing. Mating is going well.

At the end of October, the season was running up to a week later than normal for many fruit crops. Good bloom levels are being reported on pipfruit orchards. Crop load on some summerfruit orchards appears light this season due to inadequate winter chill of some earlier varieties, and cold, wet weather in August/ September impacting fruit set.

Fruit and grape growers will be happy with the absence of damaging frosts so far this spring.

Gillian Mangin & Annette Carey
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Policy, Ahuriri

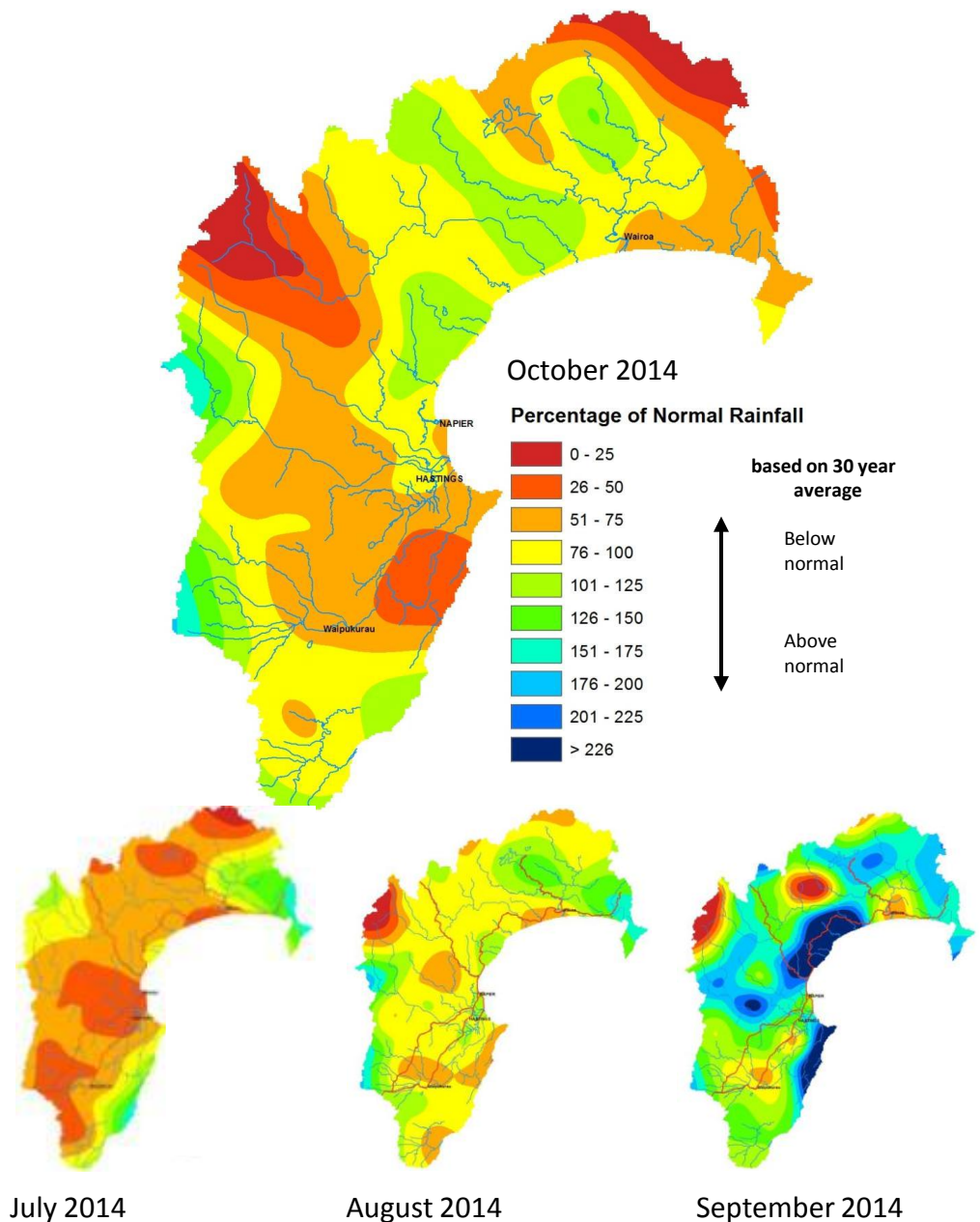
RAINFALL

Normal

Near normal overall but a few drier than normal catchments

Percentage of normal October rainfall (30 year average) for areas in the region:

Waikaremoana	69%
Northern HB	87%
Tangoio	89%
Kaweka	93%
Ruahine	112%
Heretaunga Plains	66%
Ruataniwha Plains	72%
<u>Southern HB</u>	<u>73%</u>
Hawke's Bay region	83%



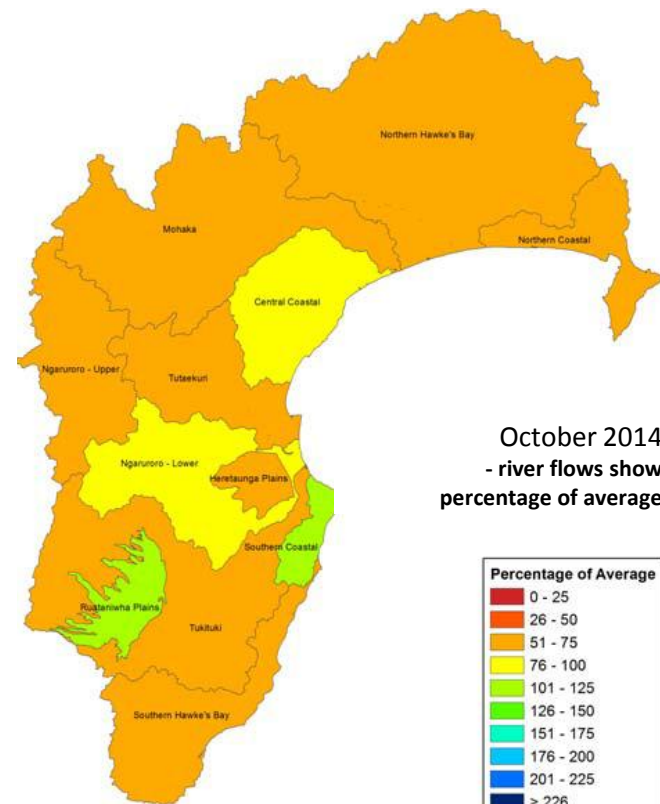
RIVER FLOWS

Near to above normal

The region averaged 78% of normal river flows.

Percentage of normal October flows for areas in the region:

Northern Coastal	60%
Northern HB	75%
Mohaka	75%
Central Coastal	94%
Tūtaekuri	66%
Heretaunga Plains	68%
Ngaruroro-Upper	64%
Ngaruroro-Lower	78%
Southern Coastal	103%
Ruataniwha Plains	112%
Tukituki	75%
Southern HB	62%



August 2014



September 2014

GROUNDWATER + SOIL

GROUNDWATER LEVELS

Heretaunga basin

Mostly normal to below normal water levels

Ruataniwha basin

Mostly normal to below normal water levels

Secondary basins

Mostly normal to above normal water levels

SOIL MOISTURE

Near normal

(compared to last 5 years).

