

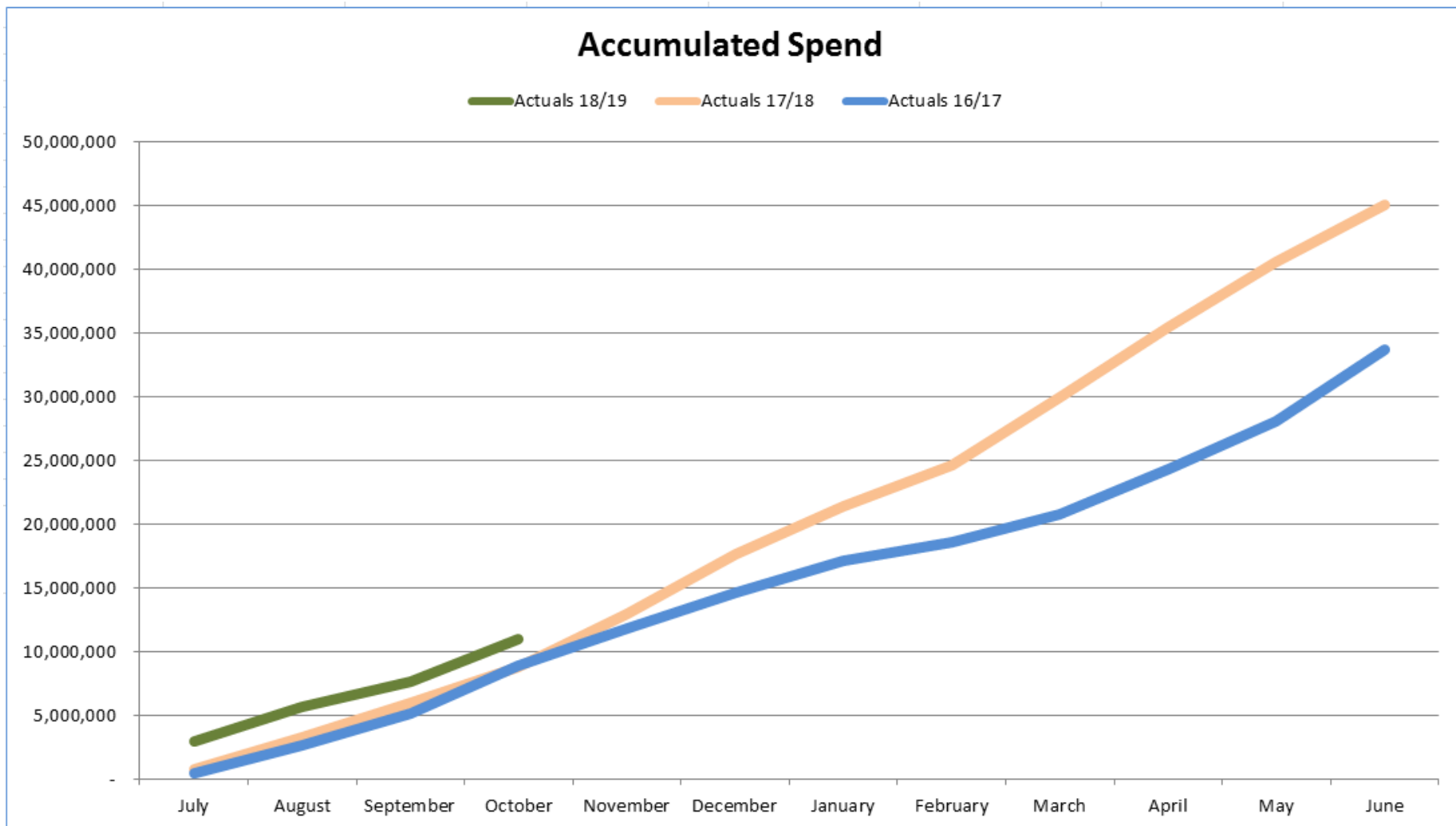
Infrastructure Network Committee

Infrastructure and Asset Management Update

28 November 2018

CAPITAL PROGRAMME

Capital Spend Comparison

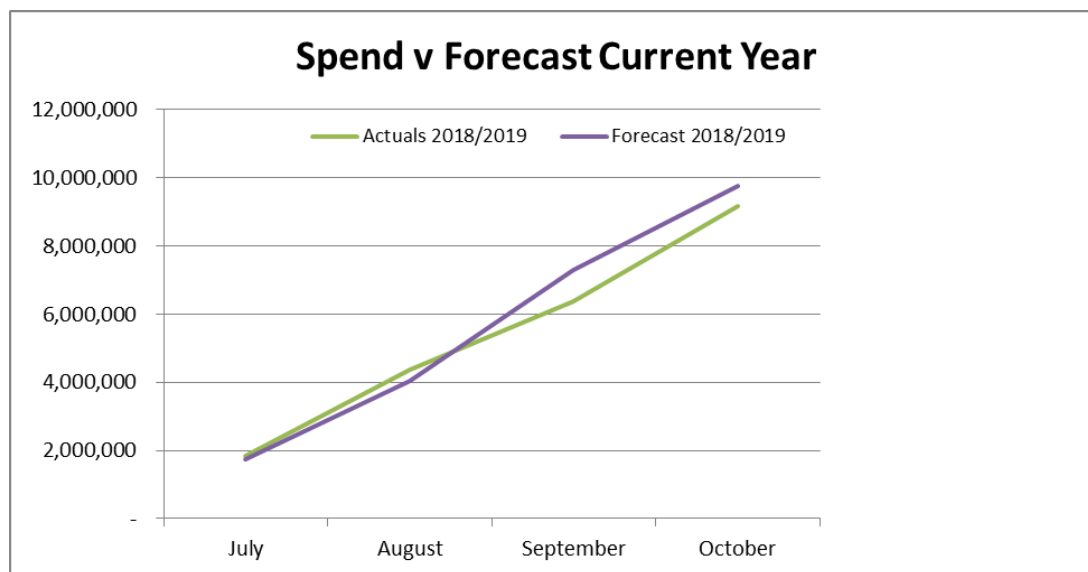
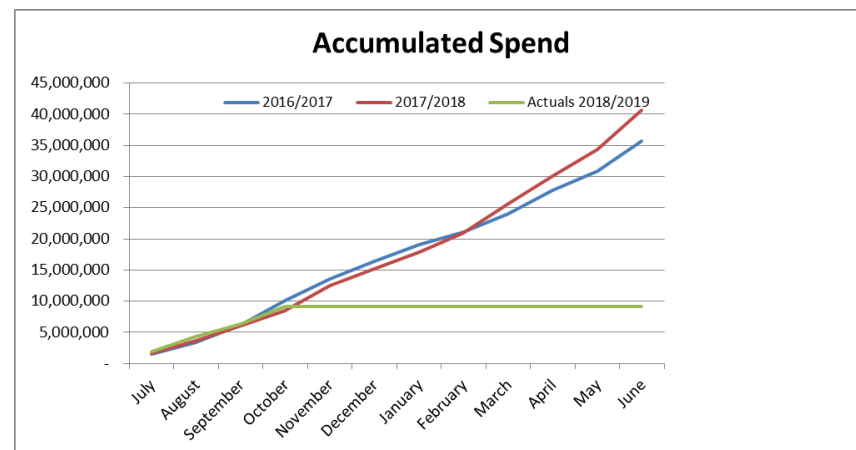
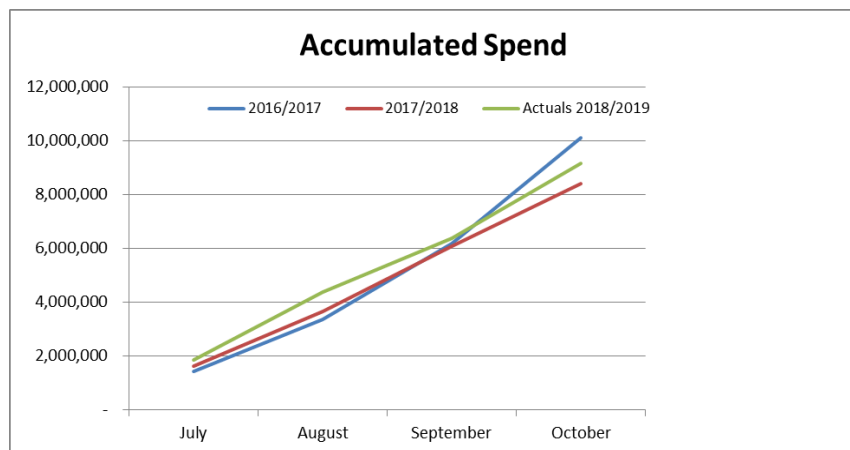


October Capital year to date

	LTP	LTP + Cfwd	October YTD Actual	Actual as a % of LTP	Actual as a % of LTP + Cfwd
Governance & Strategic Admin	3,978,858.00	4,807,826.00	489,984.56	12%	10%
Water	6,595,700.00	6,981,084.00	503,118.74	8%	7%
Wastewater	20,596,015.00	22,710,657.00	2,793,545.31	14%	12%
Stormwater	1,290,000.00	1,700,910.00	89,557.21	7%	5%
Solid Waste	393,189.00	451,982.00	157,673.43	40%	35%
Environmental Management	13,214.00	15,787.00	1,082.61	8%	7%
Customer Services	485,959.00	763,583.00	140,503.24	29%	18%
District Facilities	6,796,040.00	9,585,261.00	1,697,152.46	25%	18%
Total excl Roding & Footpaths	40,148,975.00	47,017,090.00	5,872,617.56	15%	12%
Roding & Footpaths	22,329,592.00	23,989,933.52	5,367,304.17	24%	22%
Total incl Roding & Footpaths	62,478,567.00	71,007,023.52	11,239,921.73	18%	16%

ROADING

Roading – Maintenance and Operations



Routine Works (Cumulative to end October)

Total Potholes repaired

Sealed= 1,802 no

Unsealed= 8,759 no

Unsealed Road Grading= 1,602 m

Water tables cleaned= 30,860 m

Replacement culverts installed= 195.5 m

Corridor Access Requests (Cumulative to end October)

July 2018 – 95 CAR's

Aug 2018 – 104 CAR's

Sept 2018 – 145 CAR's

Oct 2018 – 135 CAR's

Nov 2018 – 34 CAR's

TOTAL: 513 CAR's

Road Safety

(1 January 2018 to 31 October 2018)

Nationally – 307 deaths (312 deaths in 2017)

Northland – 27 deaths (28 deaths in 2017)

- 18 State Highways
- 9 Local Roads

Locally causes are mainly impairment, speed and lack of restraint.

Pavement Rehabilitation

Waimatenui Mataraua Road
sealed road rehabilitation
commenced this month with
3340m³ of overlay aggregate
placed and stabilisation of
10,500m². Sealing of this
section will be completed in
November.



Roading New Works

Access Road Intersection upgrade
Chip sealing work was recently completed and final completion is programmed for the 12 November 2018.

Waitangi Te Karuwha Parade Seawall

This project was for erosion protection along the foreshore near the Waitangi Bridge. It involved the placement of rock protection, the replacement of footpaths and landscaping.

Work was successfully completed in collaboration with the FNDC, NRC, local Iwi and local business.



NZTA Approaching Milestones

Aug/Sept	<ul style="list-style-type: none">• SH1/Tarewa Road Intersection Improvements Blessing and sod turning, enabling works and construction commences• SH1 Dome Valley Safety Improvements Site blessing and tender to be awarded• SH1 Loop Road Safety Improvements Processing consents• SH10 Waipapa Improvements Procurement for pre-implementation• Opononi Investigations and modelling• Whangarei to Te Hana Re-evaluation continues• Adoption of NLTP
Oct/Nov	<ul style="list-style-type: none">• SH1 Akerama Realignment and Improvements Completion event• Twin Coast Discovery Business Cases(PGF) Procurement for professional services contacts
Dec onwards	<ul style="list-style-type: none">• Taipa Bridge – One lane open on new bridge• Kaeo Bridge – Updates DBC to go to board

3 WATERS

Kerikeri Wastewater Treatment Plant

Spend to date \$15M -

Completion due December 2019

Total value \$25.6M

Completion of access road

In progress earth works at the new treatment plant

In progress contractor procurement for structures and equipment

Next month start of physical build at site



Rawene-Omanaia Water Treatment Plant

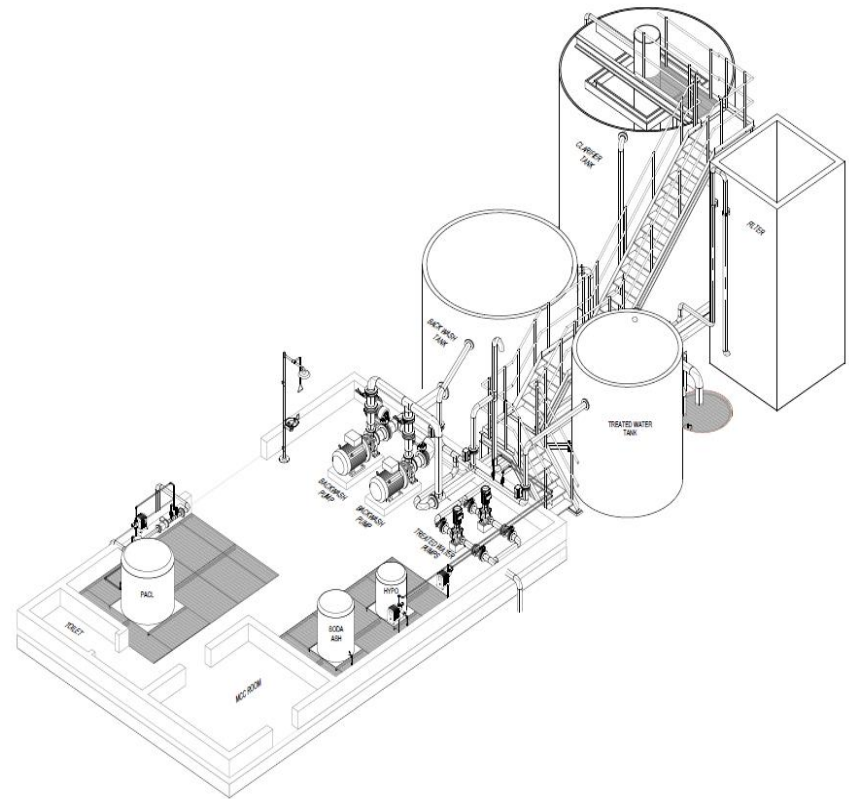
Budget \$2.9M

Construction cost \$2.87M

Planned start date
3rd December 2018

Programmed
completion date
31st August 2019

Awaiting revised MoH subsidy
contract - imminent



Paihia Wastewater Treatment Plant

NRC serving Enforcement Notice
for breach of consent conditions
Contract award to Council meeting
December.

Award of contract aimed for
January 2019

Estimated contract completion is
30 September 2019

Value \$4.6M



Kaeo Water

- Notice served by operator to terminate private supply on 23 November
- 23 businesses and residents impacted
- Council has no legal obligation to provide water
- Cost if Council elects to steps in \$600k to \$1m
- Seeking to extend notice period – alternative water tankers

DISTRICT FACILITIES

Horeke Hall

Renovation Project

Completed- hall now sits on solid foundations.

The next stage of upgrade consists of the replacement of rotten weatherboard cladding and wooden window & door joinery.



RAD Hall Rawene

Before requiring new roof and disabled access



Completed roof replacement, new hand rails and disabled access



Greenacres Drive (Kawakawa) – new footpath - \$125,000 (Complete)



Kaitaia Resource Recovery Centre – New concrete driveway - \$62,000 (Complete)



Jaycee Playground and Adjoining reserve

Te Hiku Community Board endorsed a nautical theme for Jaycee Park playground and the adjoining reserve. A landscape/open spaces will be developed utilising the nautical theme which draws on the history of the reserve. It will include a ships wheel. (\$53k)

Installation in the new year and other landscaped areas to follow.

3D View 4



Swimming Pools

Kaitaia Pool opened 24 October

Pools re-painted

Dive area – ladder repaired, new dive board to be installed

Grandstand re-nailed, sealed and stained

Lawn maintenance carried out

Ongoing maintenance matters include minor works on pumps incl. new vacuum head. Main pump and chlorinator pump requires daily monitoring.

Kerikeri Pool opened 24 October

Pools and dive ladder re-painted

Minor maintenance works carried out

Kaikohe Pool – opening date to be confirmed

Various leaks found after pool emptied and repairs underway, weather pending.

Pool painted and will be filled when leaks have been filled.

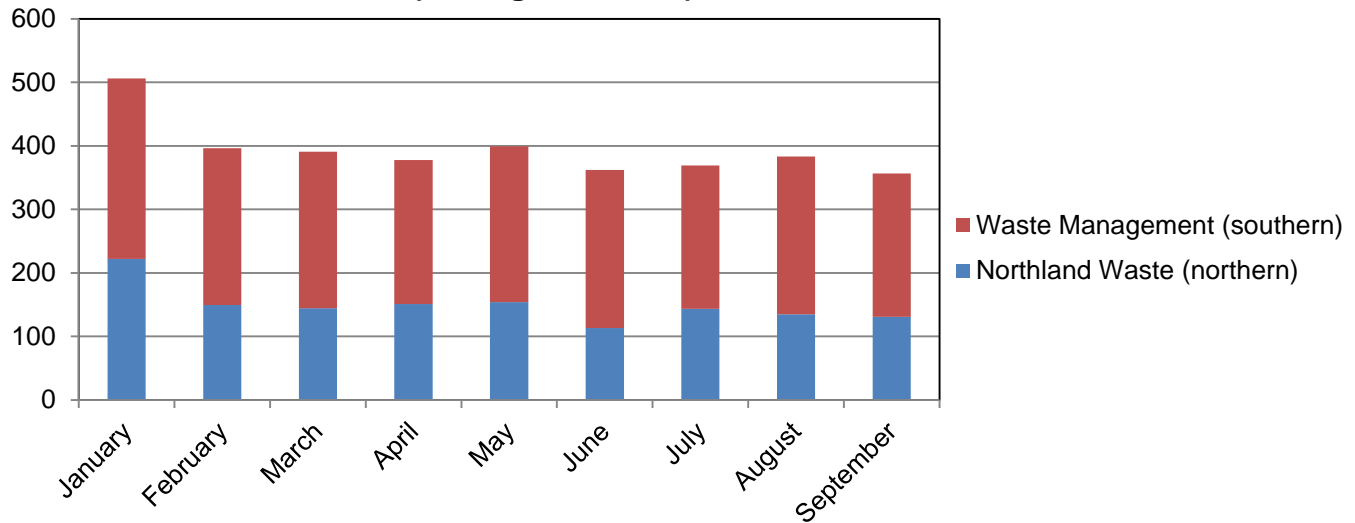
General:

Age entry requirements have changed to 12 years and over for unsupervised entry to all FNDC Far North Pools. Positive responses received so far. Joint publicity carried out between Council and CBEC.

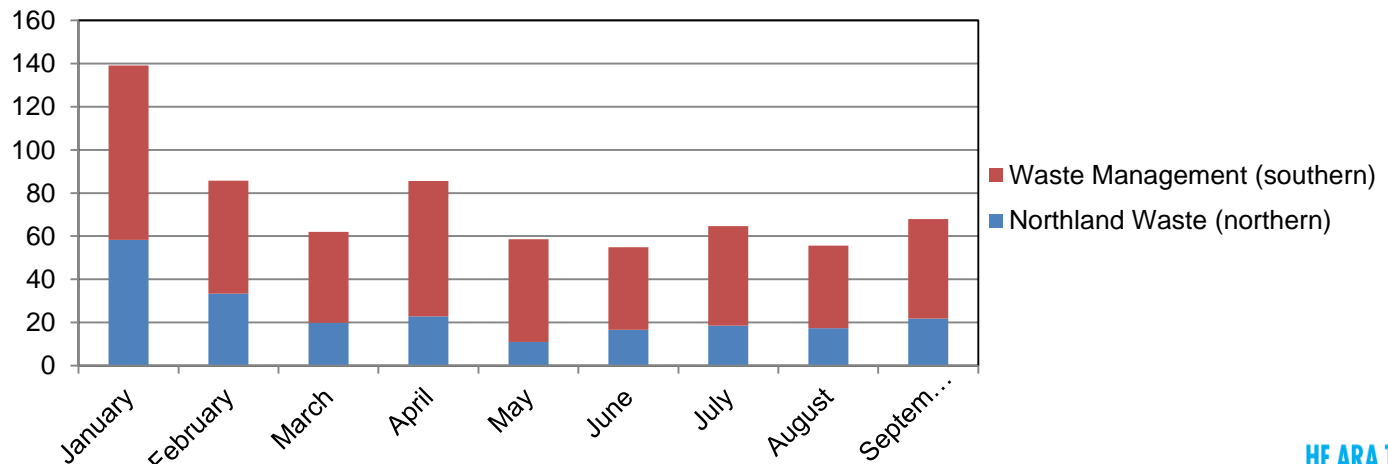


Waste Management

2018 Refuse (tonnage volumes)



2018 Illegal dumping (m³ volumes)



Total Recycling Volumes (m3)

	January	February	March	April	May	June	July	August	September
Cardboard	3325.2	2293.16	2346.24	2390.28	2169.92	1923	2012.16	2004.5	1893.4
Glass	1318.92	772.14	895.28	871.88	674.94	619.26	690.2	703.48	767.38
Paper	226.3	197.06	189.36	162.64	180.72	157.96	187.48	137.58	143.48
Plastic	1174.9	859.24	846.49	806.8	865.48	783.5	820	750	750
Aluminium	147	125	99.5	104.5	102.5	81	97.5	74.5	69.5
Tin cans	125.5	79	112.4	99.6	94	93.8	96	109	107
Polyfilm	43	30	39	39	27.5	33.5	29	31	31
Scrap metal	990	865	960	918	890	820	1263	980	813
Ewaste	50	9	9	9	20	9	15	35	9
Tyres (WM only)	18	18	0	18	18	9	18	18	9

On your Radar

- Glyphosate
- Dust
- Retendering - Hokianga Ferry and Swimming Pools
- Water Restrictions –Hokianga 1st December

NRC HYDROLOGY CLIMATE BULLETIN FOR WINTER 2018

CURRENT SITUATION

The Far and Mid-North experienced below average rainfall for winter overall, Kaitaia has a 226mm rainfall deficit for the previous six months, rainfall deficits are calculated by comparing the actual rainfall totals to the expected amount, the difference is either a deficit or surplus. A major rainfall event during spring is required to make the shortfall up before summer arrives. Some of the Far North and Bay of islands rivers are running below normal flows and soil moisture deficits are well below the average, these catchments will need to be monitored closely if the dry weather continues to persist through spring.

NRC HYDROLOGY CLIMATE BULLETIN FOR WINTER 2018

OUTLOOK

NIWA is predicting a shift toward 'weak' El Niño conditions leading into summer. The NIWA climate models are leaning towards average to below average conditions leading into summer. NIWA has projected 75% chance of average to below average rainfall with an 80% chance of average to below average river flows and soil moisture levels until December 2018.

QUESTIONS