

Vineyard Irrigation Report

Vineyard Summary

Season	2014/2015
Vineyard name	Vineyard A
Vineyard ID	Hidden
Region	Hawkes Bay
Soil type	Medium - Loam
Vineyard area	15.3 ha
Irrigation area	15.3 ha

1 Quantity of Irrigation Applied

Total water volume applied for irrigation **7,480 m³**

Irrigated area **15.3 ha**

Calculated irrigation use **49 mm**

2013/14 irri. (mm)
41

How does this affect me?

This year incorporates regional soil types, which has further enhanced the information available to members.

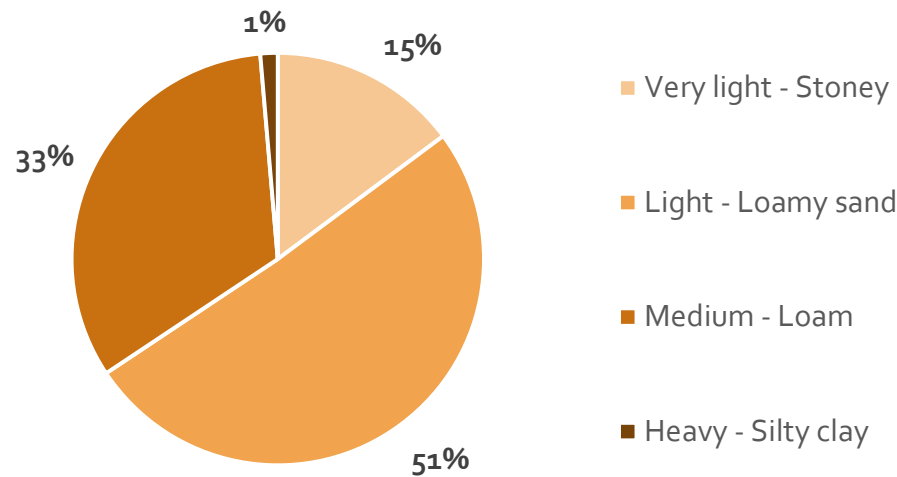
SMART Irrigation - Irrigation NZ: <http://tinyurl.com/jkjaisz>

"If more people aim for sustainable water use that will mean more people can use the resource" - Chris Howell. See Chris' profile on page 13 of the Irrigation NZ snapshot here: <http://tinyurl.com/hbyjy8c>

NZ Wine Water quality and use resource page: <http://tinyurl.com/j7twmdb>

2 Regional and Soil Type Irrigation Summary

Percent of irrigated area by soil type for Hawkes Bay



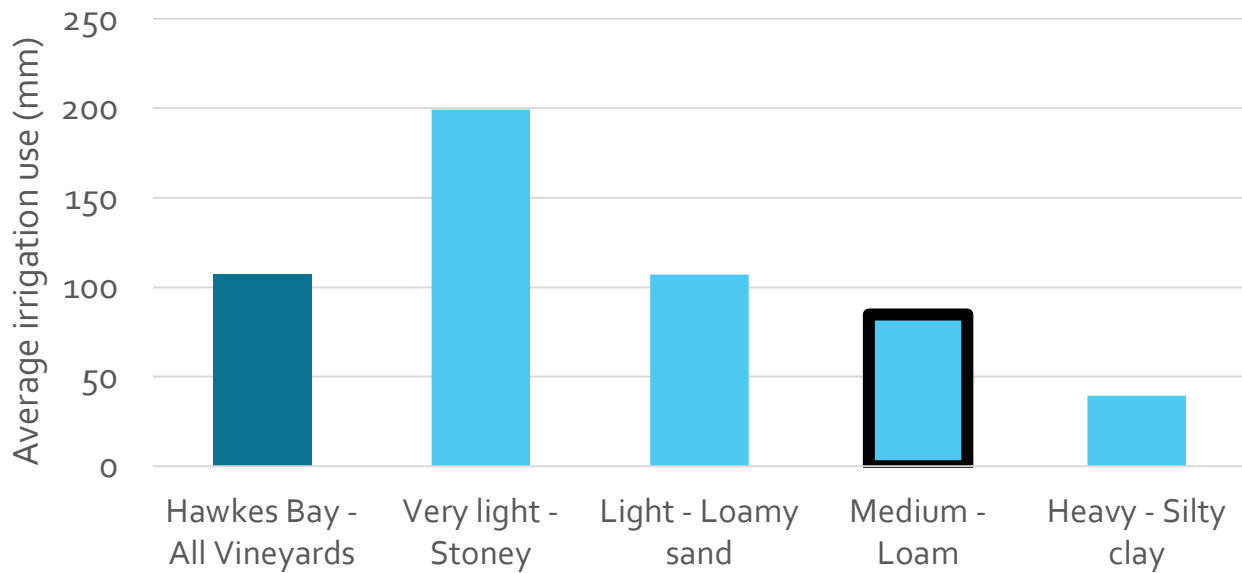
Marlborough irrigation (mm)

2014/15	2013/14
154	123



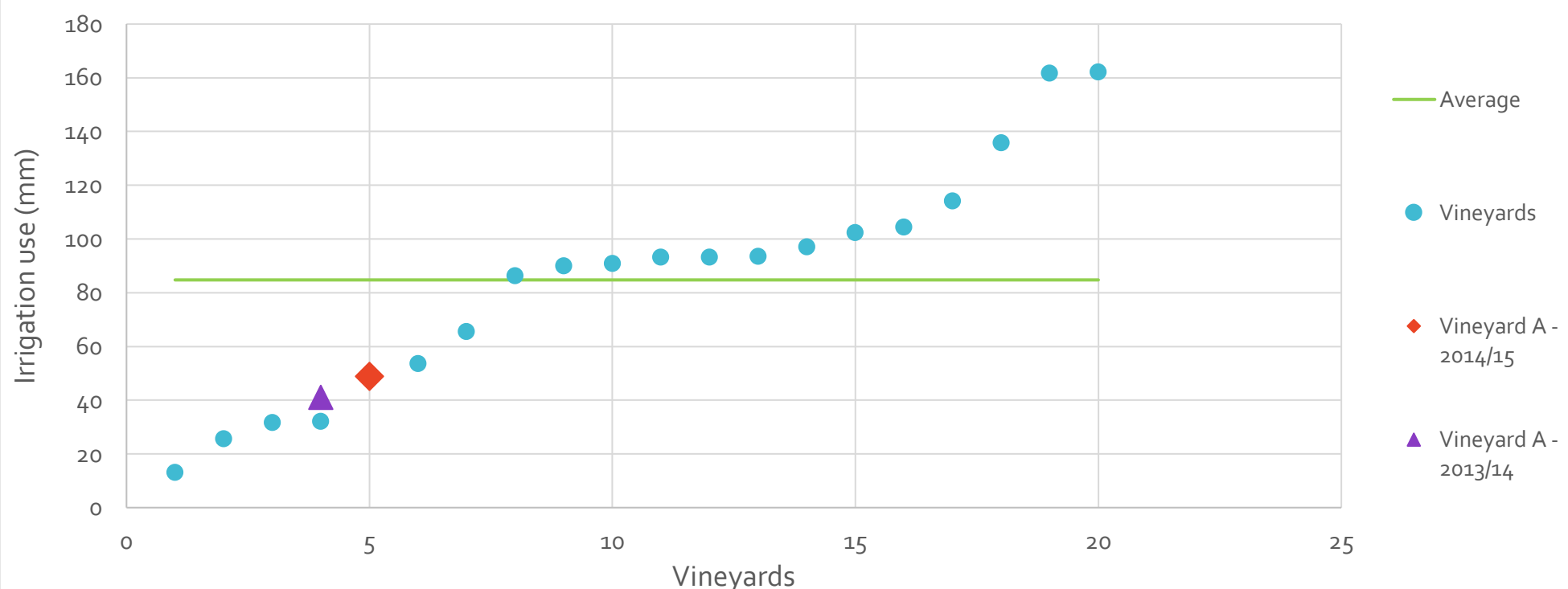
Marlborough rainfall (mm)
October – April

2014/15	2013/14
203	218



Soil type - column with black outline (if present) shows your soil type

Hawkes Bay Vineyard Irrigation Distribution for soil type: Medium - Loam



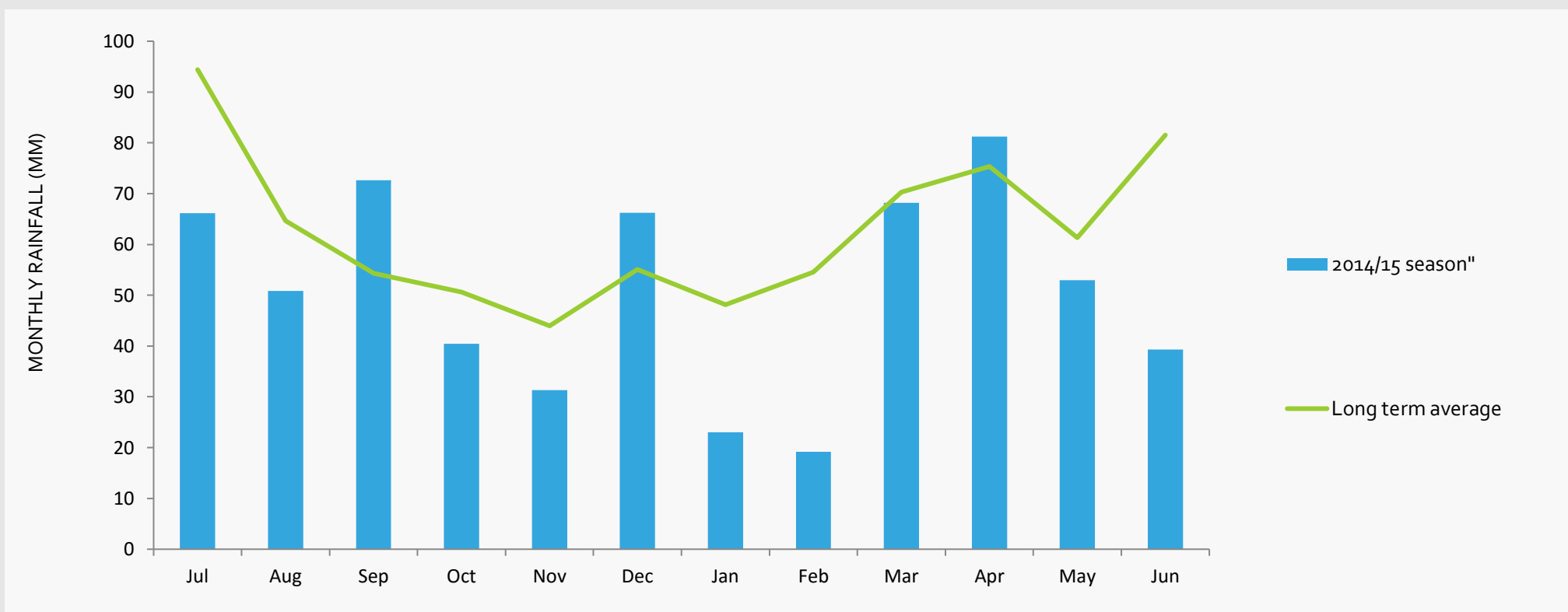
3 Regional Rainfall Summary - Tuki Tuki Rd

Total rainfall (mm)	Jul	Aug	Sep	Oct	Nov	Dec
Long term avg. (since 1972)	94	65	54	51	44	55
2014/15	66	51	73	40	31	66

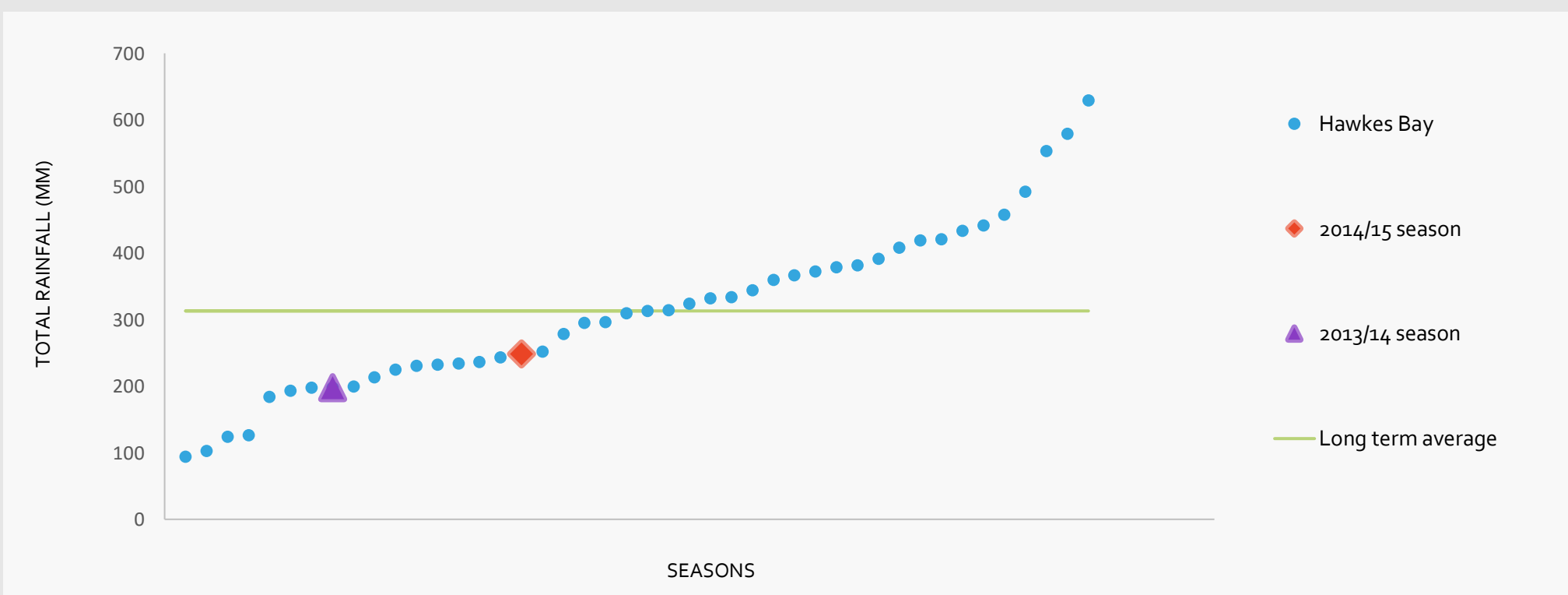
	Jan	Feb	Mar	Apr	May	Jun	Annual	Oct - Mar
Long term avg. (since 1972)	48	55	70	75	61	82	754	323
2014/15	23	19	68	81	53	39	611	248

Rainfall figures are taken from a combination of NIWA weather stations (virtual and actual sites) and HortPlus weather stations. Long term averages are from 1972 to 2014.

Hawkes Bay - Tuki Tuki Rd. Monthly Rainfall (mm) July 2014 - June 2015



Hawkes Bay - Tuki Tuki Rd. Oct. to Mar. Rainfall Compared to Previous Seasons



Total rainfall 2014/2015 was 21% dryer than average.



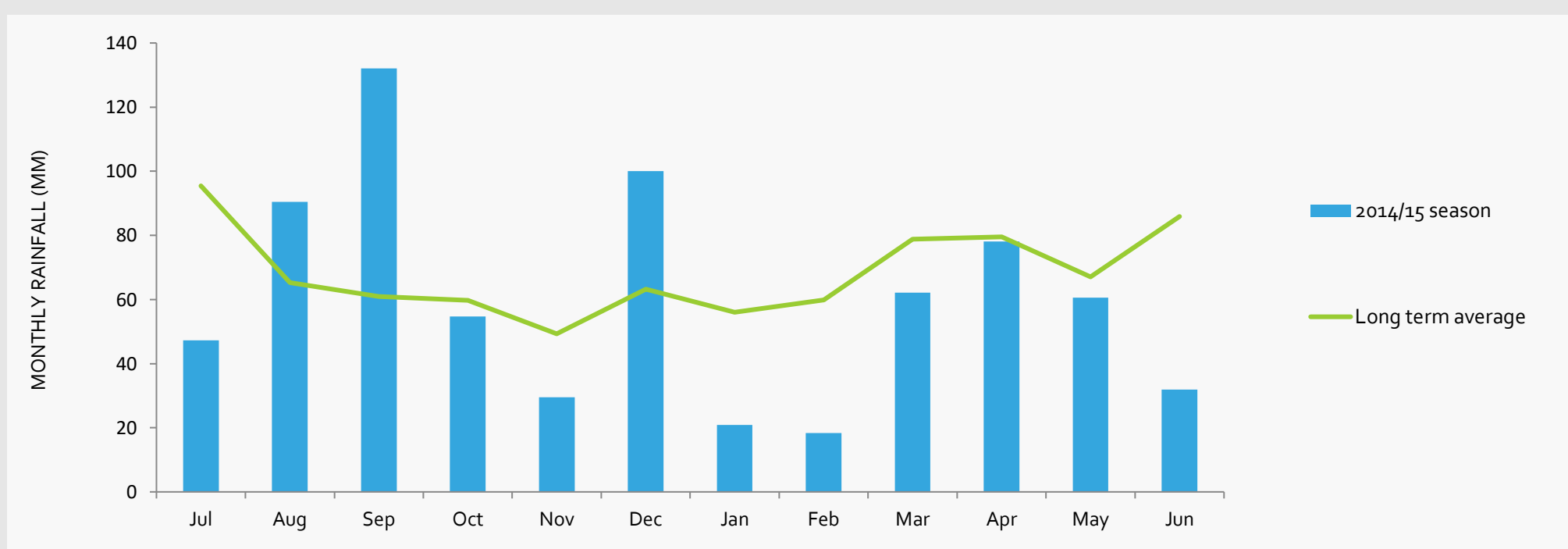
4 Regional Rainfall Summary - Napier Airport

Total rainfall	Jul	Aug	Sep	Oct	Nov	Dec
Long term avg. (since 1972)	95	65	61	60	49	63
2014/15	47	90	132	55	30	100

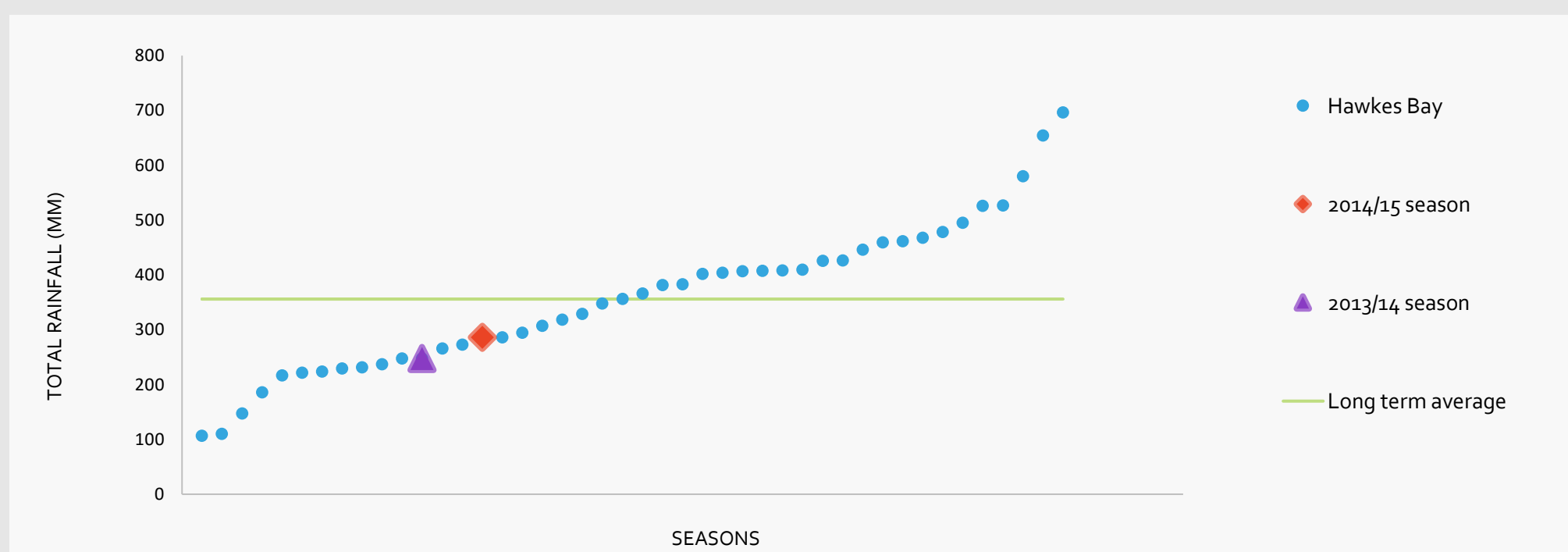
	Jan	Feb	Mar	Apr	May	Jun	Annual	Oct - Mar
Long term avg. (since 1972)	56	60	79	80	67	86	821	367
2014/15	21	18	62	78	61	32	726	286

Rainfall figures are taken from a combination of NIWA weather stations (virtual and actual sites) and HortPlus weather stations. Long term averages are from 1972 to 2014.

Hawkes Bay - Napier Airport. Monthly Rainfall (mm) July 2014 - June 2015



Hawkes Bay - Napier Airport. Oct. to Mar. Rainfall Compared to Previous Seasons



Total rainfall: 2014/2015 was 20% dryer than average.

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Creating a Sustainable Legacy

