

Moisture Situation Update – June 16-18, 2014

- Over the past few days heavy rains have brought upwards of 150 mm to two high mountain stations located in southwestern Alberta.
- Areas around Lethbridge and west into the foothills received upwards of 80 to 100 mm.
- Further rains are expected today, with some areas forecast to receive an additional 60-80mm (Forecast from ESRD Fire weather office).
- The greatest amounts were recorded at near the continental divide, north of Waterton Lakes National Park (Westcastle 178 mm) and Spionkop Creek (166mm) high in the mountains.
- On June 16th) Westcastle reported 139 mm over a 16-hr period, with 12-hrs classified as having “heavy rains” (> 7 mm per hour).
- In comparison, last year’s event that caused extensive flooding saw the greatest accumulations at the Burns Creek station where 358 mm fell between June 18 and June 21, with 213 mm falling over a 15 hour period.

Note that these numbers are preliminary in nature and subject to further review.

Additional maps can be found at www.agriculture.alberta.ca/maps

Near-real-time hourly station data can be viewed/downloaded at www.agriculture.alberta.ca/stations

Note: Data has about a two hour lag and is displayed in MST (add one hour for daylight savings time)

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