15 June 2017

Summary of key issues

- During the week ending 14 June 2017 rainfall was mainly restricted to parts of western and eastern Australia, with totals between 100 and 200 millimetres in coastal parts of south-eastern Queensland and New South Wales.

- For the week ending 13 June 2017 maximum temperatures were close to average across much of the country and minimum temperatures were generally below average.

- The forecast for the next eight days indicates that little to no rainfall is expected across most of mainland Australia due to a broad high pressure system across the south of the country.

- Water storage levels in the Murray–Darling Basin (MDB) increased by 74 gigalitres (GL) during the week ending 15 June 2017 to 15,519 GL and are at 69 per cent of total capacity.

- Allocation prices in the southern Murray-Darling Basin increased in the week up to 15 June 2017 in most systems. Average prices across the whole southern system increased dramatically to $28.96 due to trade closing in some of the lower-priced valleys in the system.

- The world wheat indicator price rose, reflecting concerns about protein levels in the 2017 US hard red winter harvest.

- ABARES released the June edition of Australian crop report on Wednesday 14 June.
1. Climate

1.1. Rainfall this week

During the week ending 14 June 2017 rainfall was mainly restricted to parts of western and eastern Australia. A low pressure system and associated trough brought rainfall totals between 100 and 200 millimetres to coastal parts of south-eastern Queensland and New South Wales. Areas around Sydney and Grafton have already exceeded their monthly average rainfall for June. The highest recorded weekly total was 376 millimetres at Woodburn, north of Grafton in New South Wales. Little to no rainfall was recorded across the remainder of mainland Australia.

The rainfall analyses and associated maps utilise data contained in the Bureau of Meteorology climate database, the Australian Data Archive for Meteorology (ADAM). The analyses are initially produced automatically from real-time data with limited quality control. They are intended to provide a general overview of rainfall across Australia as quickly as possible after the observations are received.

For further information go to http://www.bom.gov.au/climate/rainfall/

Rainfall for the week ending 14 June 2017
1.2. Temperature anomalies this week

During the week ending 13 June 2017 maximum temperatures were close to average across much of the country with the exception of Western Australia where temperatures were between 2°C and 6°C above average. Maximum temperatures were between 2°C and 4°C below average in parts of the Northern Territory and adjacent areas in Western Australia. Minimum temperatures were generally between 2°C and 4°C below average across most of Australia. The main exception was eastern New South Wales, where minimum temperatures were between 2°C and 4°C above average for this time of year.

Maximum temperature anomalies for the week ending 13 June 2017

Minimum temperature anomalies for the week ending 13 June 2017

Note: Spatial temperature analyses are based on historical weekly temperature data provided by the Bureau of Meteorology. These temperature anomaly maps show the departure of the maximum and minimum temperatures from their long-term averages. Temperature anomalies are calculated using high-resolution gridded datasets from 1911 onwards. For further information go to http://www.bom.gov.au/jsp/awap/temp/index.jsp.
1.3. Rainfall forecast for the next 8 days

The forecast for the next eight days indicates that little to no rainfall is expected across most of mainland Australia due to a broad high pressure system across the south of the country. Rainfall totals exceeding 15 millimetres are forecast for western Tasmania and parts of far south-western Western Australia.

This rainfall forecast is produced from computer models. As it contains no input from weather forecasters, it is important to check local forecasts and warnings issued by the Bureau of Meteorology.

Total forecast rainfall (mm) for the period 15 to 22 June 2017
2. Water

2.1. Water availability

Water storage levels in the Murray–Darling Basin (MDB) increased during the week ending 15 June 2017 by 74 gigalitres (GL) to 15,519 GL and are at 69 per cent of total capacity. This is 34 percentage points or 7,764 GL more than at the same time last year.

Information on irrigation water available in the Murray–Darling Basin from 1 January 2001 to 15 June 2017 is shown above. The top horizontal (short dash) line indicates the storage level during a similar time last year. The bottom horizontal (long dash) line indicates the amount of ‘dead’ or unusable storage.
2.2. Water markets

Allocation prices in the southern Murray-Darling Basin increased in the week up to 15 June 2017 in most systems. Average prices across the whole southern system increased to $28.96. This is an increase of $12.62 or 77 per cent from the same time last week. Although prices have risen, this is in part due to trade closing in some of the lower-priced valleys in the system. This contrasts with an average price of $22.71 in May across the whole southern MDB and $31.93 in April.

Allocation trade activity in the southern Murray-Darling Basin

The trades shown reflect market activity and do not encompass all register trades. The price line reflects locally fitted price values for the entire southern Murray—Darling Basin. Data shown is current until Thursday 15 June 2017.

<table>
<thead>
<tr>
<th>Area</th>
<th>Southern MDB</th>
<th>Goulburn</th>
<th>South Australia</th>
<th>Murrumbidgee</th>
<th>Victoria Murray</th>
<th>NSW Murray</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current week:</td>
<td>$28.96</td>
<td>$29.52</td>
<td>$27.56</td>
<td>NA</td>
<td>$30.15</td>
<td>NA</td>
</tr>
<tr>
<td>09/06/17 -</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15/06/17</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Last week:</td>
<td>$16.34</td>
<td>$28.34</td>
<td>$25.37</td>
<td>$4.95</td>
<td>$26.52</td>
<td>$12.42</td>
</tr>
<tr>
<td>02/06/17 -</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>08/06/17</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>May 2017</td>
<td>$22.71</td>
<td>$27.55</td>
<td>$29.92</td>
<td>$5.51</td>
<td>$27.71</td>
<td>$24.26</td>
</tr>
<tr>
<td>May 2016</td>
<td>$233.65</td>
<td>$251.07</td>
<td>$253.98</td>
<td>$190.14</td>
<td>$249.59</td>
<td>$220.62</td>
</tr>
</tbody>
</table>
3. Commodities

3.1. Market focus

World wheat
The world wheat indicator price (no. 2 hard red winter, fob Gulf) averaged $217 a tonne in the week ending 13 June 2017, an increase of 7 per cent from the previous week. Early harvest samples tested by Plain Grains Inc. found HRW protein levels in Texas and Oklahoma to be below average at 10.8 per cent. The minimum protein level required to be classified as no.2 HRW is 10.5 per cent.

Crop report
**Selected World Indicator Prices**

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Week ended</th>
<th>Unit</th>
<th>Latest price</th>
<th>Price week prior</th>
<th>Weekly change</th>
<th>Price 12 months prior</th>
<th>Year on year change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australian Dollar – AUD/USD Exchange Rate</td>
<td>14-Jun</td>
<td>US$/A$</td>
<td>0.75</td>
<td>0.75</td>
<td>0%</td>
<td>●</td>
<td>0.74</td>
</tr>
<tr>
<td>Wheat – US no. 2 hard red winter wheat, fob Gulf</td>
<td>13-Jun</td>
<td>US$/t</td>
<td>217</td>
<td>202</td>
<td>7%</td>
<td>↑</td>
<td>208</td>
</tr>
<tr>
<td>Coarse Grains – US no. 2 yellow corn, fob Gulf</td>
<td>14-Jun</td>
<td>US$/t</td>
<td>163</td>
<td>161</td>
<td>1%</td>
<td>↑</td>
<td>186</td>
</tr>
<tr>
<td>Canola – Rapeseed, Europe, fob Hamburg</td>
<td>13-Jun</td>
<td>US$/t</td>
<td>412</td>
<td>412</td>
<td>0%</td>
<td>●</td>
<td>429</td>
</tr>
<tr>
<td>Cotton – Cotlook 'A' Index</td>
<td>14-Jun</td>
<td>USc/lb</td>
<td>86.2</td>
<td>86.9</td>
<td>&lt;1%</td>
<td>↓</td>
<td>73.8</td>
</tr>
<tr>
<td>Sugar – Intercontinental Exchange, nearby futures, no.11 contract</td>
<td>14-Jun</td>
<td>USc/lb</td>
<td>14.0</td>
<td>14.0</td>
<td>0%</td>
<td>●</td>
<td>19.6</td>
</tr>
<tr>
<td>Wool – Eastern Market Indicator</td>
<td>08-Jun</td>
<td>Ac/kg clean</td>
<td>1,478</td>
<td>1,472</td>
<td>&lt;1%</td>
<td>↑</td>
<td>1,270</td>
</tr>
<tr>
<td>Wool – Western Market Indicator</td>
<td>26-May</td>
<td>Ac/kg clean</td>
<td>1,520</td>
<td>1,535</td>
<td>&lt;1%</td>
<td>↓</td>
<td>1,375</td>
</tr>
</tbody>
</table>

**Selected domestic crop indicator prices**

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Week ended</th>
<th>Unit</th>
<th>Latest price</th>
<th>Price week prior</th>
<th>Weekly change</th>
<th>Price 12 months prior</th>
<th>Year on year change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Milling Wheat – ASW1, track quote, Port Adelaide, SA</td>
<td>06-Jun</td>
<td>A$/t</td>
<td>204</td>
<td>198</td>
<td>3%</td>
<td>↑</td>
<td>256</td>
</tr>
<tr>
<td>Feed Wheat – General purpose, Sydney, NSW</td>
<td>14-Jun</td>
<td>A$/t</td>
<td>240</td>
<td>239</td>
<td>&lt;1%</td>
<td>↑</td>
<td>273</td>
</tr>
<tr>
<td>Feed Barley – Sydney, NSW</td>
<td>14-Jun</td>
<td>A$/t</td>
<td>226</td>
<td>214</td>
<td>6%</td>
<td>↑</td>
<td>229</td>
</tr>
<tr>
<td>Canola – Portland, Vic.</td>
<td>05-Jun</td>
<td>A$/t</td>
<td>503</td>
<td>510</td>
<td>-1%</td>
<td>↓</td>
<td>535</td>
</tr>
<tr>
<td>Grain Sorghum – Sydney, NSW</td>
<td>14-Jun</td>
<td>A$/t</td>
<td>279</td>
<td>272</td>
<td>3%</td>
<td>↑</td>
<td>256</td>
</tr>
</tbody>
</table>

**Selected domestic livestock indicator prices**

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Week ended</th>
<th>Unit</th>
<th>Latest price</th>
<th>Price week prior</th>
<th>Weekly change</th>
<th>Price 12 months prior</th>
<th>Year on year change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beef – Eastern Young Cattle Indicator</td>
<td>08-Jun</td>
<td>Ac/kg cwt</td>
<td>643</td>
<td>652</td>
<td>-1%</td>
<td>↓</td>
<td>583</td>
</tr>
<tr>
<td>Mutton – Mutton indicator (18–24 kg fat score 2–3), Vic</td>
<td>09-Jun</td>
<td>Ac/kg cwt</td>
<td>534</td>
<td>557</td>
<td>-4%</td>
<td>↓</td>
<td>379</td>
</tr>
<tr>
<td>Lamb – Eastern States Trade Lamb Indicator</td>
<td>08-Jun</td>
<td>Ac/kg cwt</td>
<td>670</td>
<td>671</td>
<td>&lt;1%</td>
<td>↓</td>
<td>599</td>
</tr>
<tr>
<td>Pig – Eastern Seaboard (60.1–75 kg), average of buyers &amp; sellers</td>
<td>02-Jun</td>
<td>Ac/kg cwt</td>
<td>290</td>
<td>299</td>
<td>-3%</td>
<td>↓</td>
<td>383</td>
</tr>
<tr>
<td>Goat – Eastern States (12.1–16 kg)</td>
<td>12-Jun</td>
<td>Ac/kg cwt</td>
<td>660</td>
<td>656</td>
<td>&lt;1%</td>
<td>↑</td>
<td>560</td>
</tr>
<tr>
<td>Live cattle – Light steers ex Darwin to Indonesia</td>
<td>20-May</td>
<td>Ac/kg lwt</td>
<td>320</td>
<td>320</td>
<td>0%</td>
<td>●</td>
<td>280</td>
</tr>
<tr>
<td>Live sheep – Live wether (Muchea WA saleyard) to Middle East</td>
<td>05-Jun</td>
<td>$/head</td>
<td>123</td>
<td>136</td>
<td>-10%</td>
<td>↓</td>
<td>na</td>
</tr>
<tr>
<td>Indicator</td>
<td>Week ended</td>
<td>Unit</td>
<td>Latest price</td>
<td>Price week prior</td>
<td>Weekly change</td>
<td>Price 12 months prior</td>
<td>Year on year change</td>
</tr>
<tr>
<td>-----------</td>
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<td>--------------</td>
<td>------------------</td>
<td>---------------</td>
<td>----------------------</td>
<td>---------------------</td>
</tr>
<tr>
<td>Dairy – Whole milk powder</td>
<td>06-Jun</td>
<td>US$/t</td>
<td>3,143</td>
<td>3,312</td>
<td>-5%</td>
<td>2,205</td>
<td>43%</td>
</tr>
<tr>
<td>Dairy – Skim milk powder</td>
<td>06-Jun</td>
<td>US$/t</td>
<td>2,156</td>
<td>1,998</td>
<td>8%</td>
<td>1,867</td>
<td>15%</td>
</tr>
<tr>
<td>Dairy – Cheddar cheese</td>
<td>06-Jun</td>
<td>US$/t</td>
<td>4,285</td>
<td>3,726</td>
<td>15%</td>
<td>2,669</td>
<td>61%</td>
</tr>
<tr>
<td>Dairy – Anhydrous milk fat</td>
<td>06-Jun</td>
<td>US$/t</td>
<td>6,631</td>
<td>6,631</td>
<td>0%</td>
<td>3,444</td>
<td>93%</td>
</tr>
</tbody>
</table>

*a Global Dairy Trade prices are updated twice monthly on the first and third Tuesday of each month.*
3.2. **Selected world indicator prices**

**World wheat indicator price**  
US No. 2, hard red winter wheat, fob Gulf  
Week ended 13 June 2017

**World coarse grains indicator price**  
US corn No. 2, fob Gulf  
Week ended 14 June 2017

**World carola indicator price**  
Europe fob Hamburg  
Week ended 13 June 2017

**World cotton indicator price**  
Cotlook ‘A’ index  
Week ended 14 June 2017
3.3. Global Dairy Trade (GDT) weighted average prices

- Whole milk powder price
  - 6 June 2017

- Skim milk powder price
  - 6 June 2017

- Cheddar cheese price
  - 6 June 2017

- Anhydrous milk fat price
  - 6 June 2017
3.4. Selected domestic crop indicator prices

Grain sorghum indicator price
Sydney, NSW
Week ended 14 June 2017

Feed barley indicator price
Sydney, NSW
Week ended 24 May 2017

Feed wheat indicator price
General Purpose, Sydney, NSW
Week ended 14 June 2017

Milling wheat indicator price
ASW1, track quote, Port Adelaide, SA
Week ended 6 June 2017
Canola indicator price
Portland, Victoria
Week ended 5 June 2017
3.5. Selected domestic livestock indicator prices

Eastern Young Cattle Indicator
Week ended 8 June 2017

Eastern States Trade Lamb Indicator
Week ended 8 June 2017

Mutton indicator price in Victoria
(18–24 kg fat score 2–3)
Week ended 9 June 2017

Pig indicator price Eastern Seaboard
(60.1–75 kg)
Week ended 2 June 2017
3.6. Movements in selected fruit and vegetable prices – week ended 10 June 2017
4. Data attribution

Climate
Bureau of Meteorology

Water
New South Wales
Queensland
South Australia
Victoria

Commodities
Fruit and vegetables
Pigs
Canola
- Weekly Times: hardcopy
Dairy
World wheat, canola
- International Grains Council
World coarse grains
- United States Department of Agriculture
World cotton
- Cotlook: [www.cotlook.com/](http://www.cotlook.com/)
World sugar
- New York Stock Exchange - Intercontinental Exchange
Wool
Milling wheat
- ProFarmer
Domestic wheat, barley, sorghum
Domestic canola
- The Weekly Times: hardcopy
Cattle, beef, mutton, lamb, goat and live export