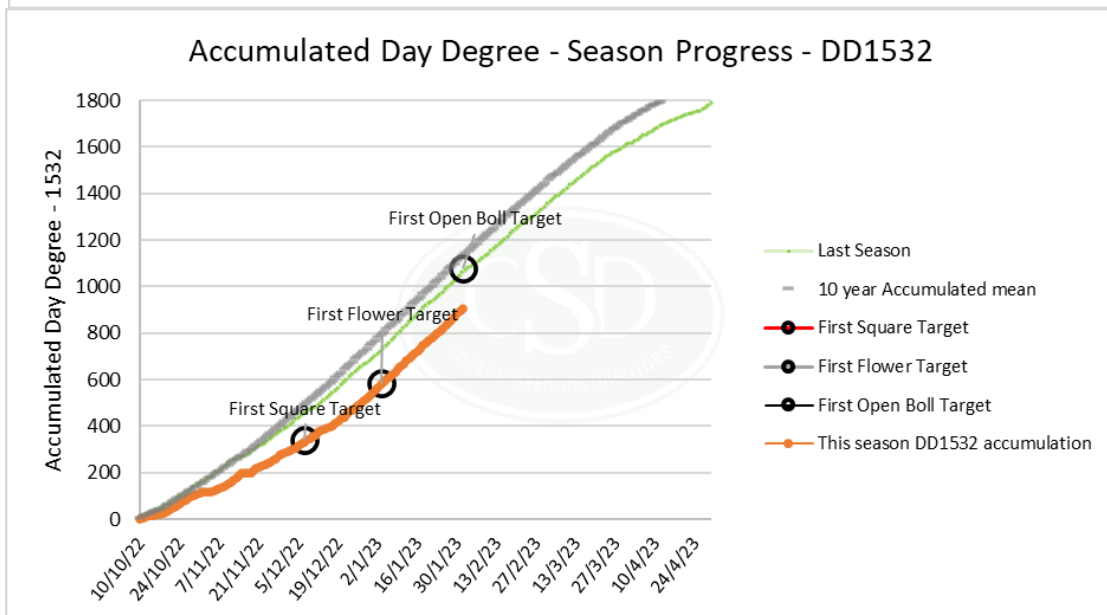
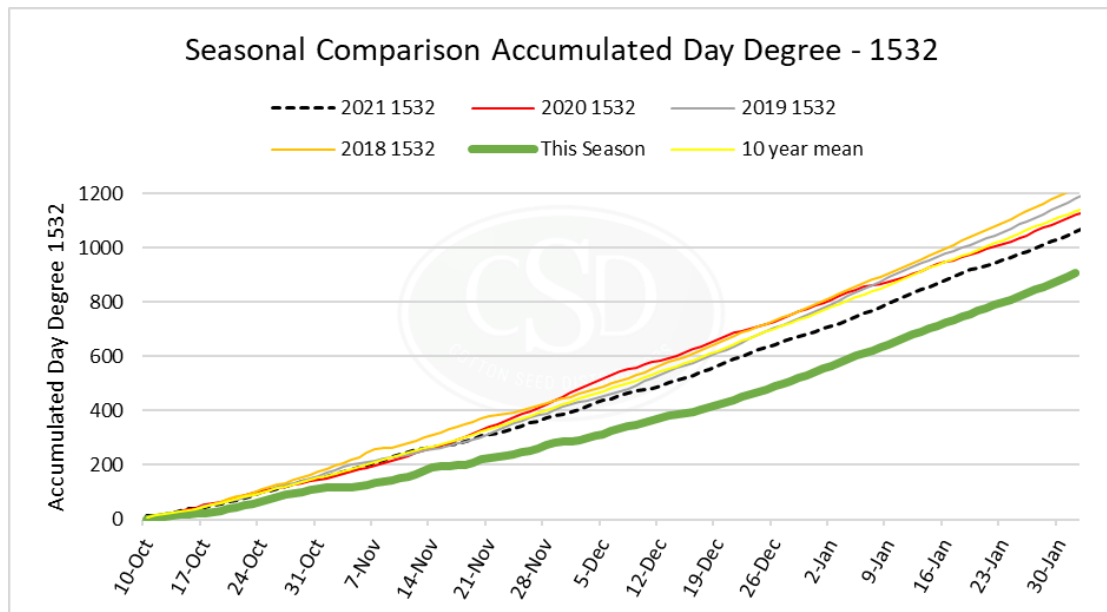




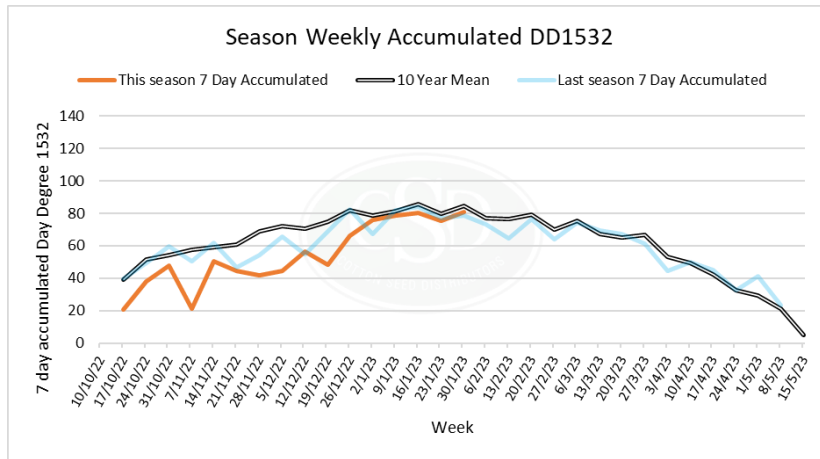
# Balonne crop check

DATE - 31 January 2023





# Balonne crop check



## ST GEORGE AIRPORT

Date range: 10 October, 2022 to 1 February, 2023 (115 days).

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[Summary](#) [Seasonal comparison](#)

	2022	2021	2020	2019	2018	10 year mean
Base 12	1414.5	1588.6 ▲	1699.1 ▲	1873.7 ▲	1850.5 ▲	1715.8 ▲
DD1532*	905.4	1059.2 ▲	1121.0 ▲	1181.4 ▲	1216.7 ▲	1115.5 ▲
Cold shock days ( $\leq 11^{\circ}\text{C}$ )	8	5 ▼	3 ▼	10 ▲	1 ▼	5.2 ▼
Days above 36°C	14	22 ▲	35 ▲	65 ▲	56 ▲	40.6 ▲
Nights above 25°C	3	3	10 ▲	31 ▲	29 ▲	15.3 ▲
Days above 40°C	0	4 ▲	9 ▲	22 ▲	15 ▲	10.6 ▲
Total rainfall (mm)	225.6	214.0 ▼	146.3 ▼	65.4 ▼	103.2 ▼	132.3 ▼
Total radiation (MJ/m <sup>2</sup> )	2521.1	2511.1 ▼	2646.9 ▲	2861.5 ▲	2798.5 ▲	2488.3 ▼
Average temperature (°C)	24.2	25.8 ▲	26.7 ▲	28.2 ▲	28.1 ▲	26.9 ▲

\* Experimental calculation.

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Climate observations and data are obtained via the State of Queensland SILO patched point dataset.



# Balonne crop check

Day degree accumulation continues to improve, however it remains behind recent seasons and the 10-year average. Cold shocks (8) are above the 10-year average (5.2) and average temperature for the season is 2.7 °C below the 10 year average. Solar radiation accumulation remains above the 10-year average after being below it in mid-November. Warming conditions, the absence of heat shocks and plentiful water is seeing some crops grow rapidly as they near cut out and boll fill. The [BOM temperature outlook](#) is suggesting temperatures will fluctuate until the end of February with potential for warmer than normal temperatures from then until April.

With SLW numbers developing on back of heat of recent weeks, a reminder that the PestDetect App has been relaunched with modifications following beta-testing last season. It also has ability to determine parasitism when used in conjunction with the recommended magnifying lens. Read more [here](#).

AREA	Balonne
<b>Crop Stage</b>	<ul style="list-style-type: none"> <li>Crops range from around 12 nodes to cut out</li> </ul>
<b>Irrigation</b>	<ul style="list-style-type: none"> <li>Water supplies sufficient to get most crops through.</li> <li>Poor root systems seem to be contributing to shorten irrigation intervals putting some pressure on reserves</li> </ul>
<b>Insects/Beneficials</b>	<ul style="list-style-type: none"> <li>Scattered GVB, brown stink bugs, red banded shield bugs to point some sprays required.</li> <li>Mirids quiet</li> <li>SLW building – possible sprays required along river blocks</li> </ul>
<b>Disease</b>	<ul style="list-style-type: none"> <li>Fusarium symptoms prominent in affected crops but starting to grow through the symptoms.</li> </ul>
<b>Environment/Drift</b>	<ul style="list-style-type: none"> <li>Damage improving in the St George to Dirranbandi direction but getting worse towards Nindigully and Thallon.</li> </ul>

*Disclaimer - © Cotton Seed Distributors Ltd 2021. The CottonInfo Crop Check is a summary of cotton crop information gathered from consultants by each CottonInfo Extension Officer (REO) for their valley. This information is collected on a regular basis to share with growers, researchers, and other consultants. The information is just a snapshot in time and does not claim to be a report for each valley; just a summary of comments received. This information is provided as a general guide only; not comprehensive or specific technical advice. Circumstances vary from farm to farm. To the fullest extent permitted by law, CSD expressly disclaims all liability for any loss or damage arising from reliance upon any information, statement or opinion in this document or from any errors or omissions in this document.*

Seasonal Day Degree and historical data is sourced from Cotton Seed Distributors Day Degree Calculator found at [www.csd.net.au/ddc](http://www.csd.net.au/ddc). For more specific day degree and crop management detail for your farm, field and variety check out CottonTracka® at [www.cottontracka.com.au](http://www.cottontracka.com.au)