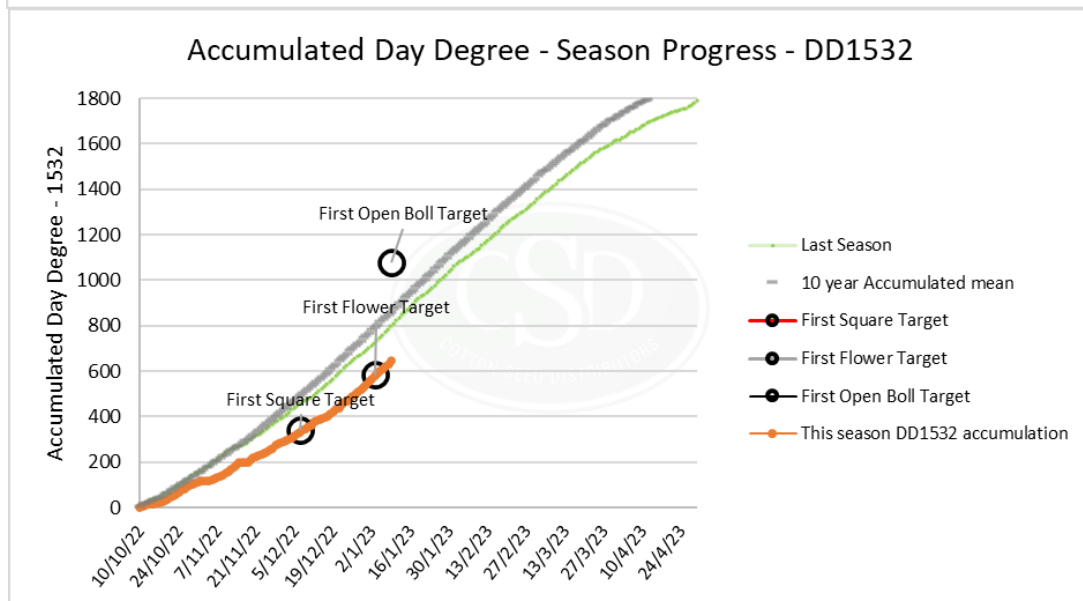
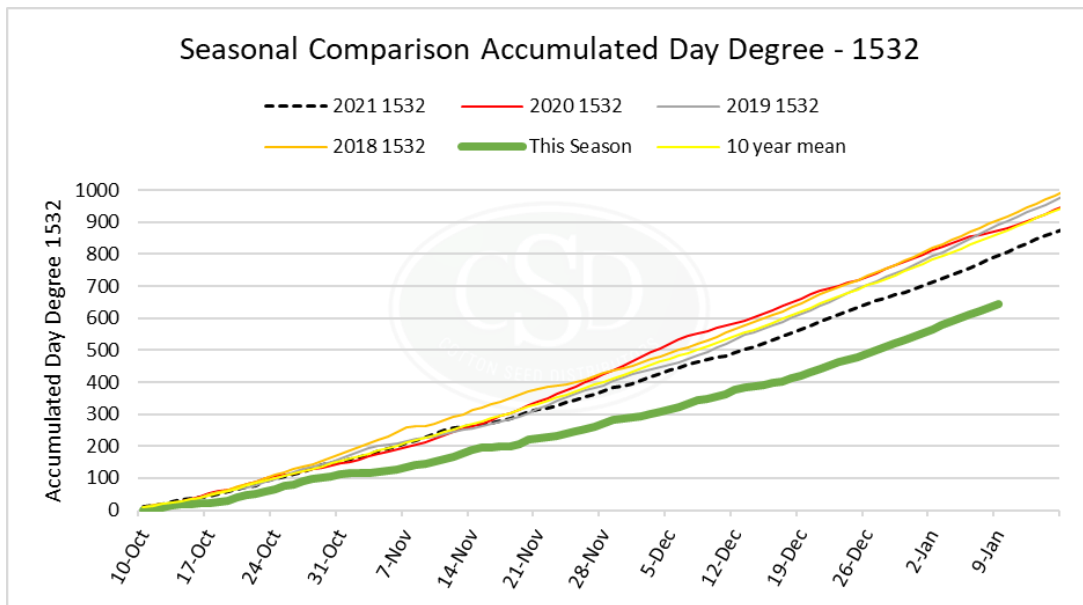




# Balonne crop check

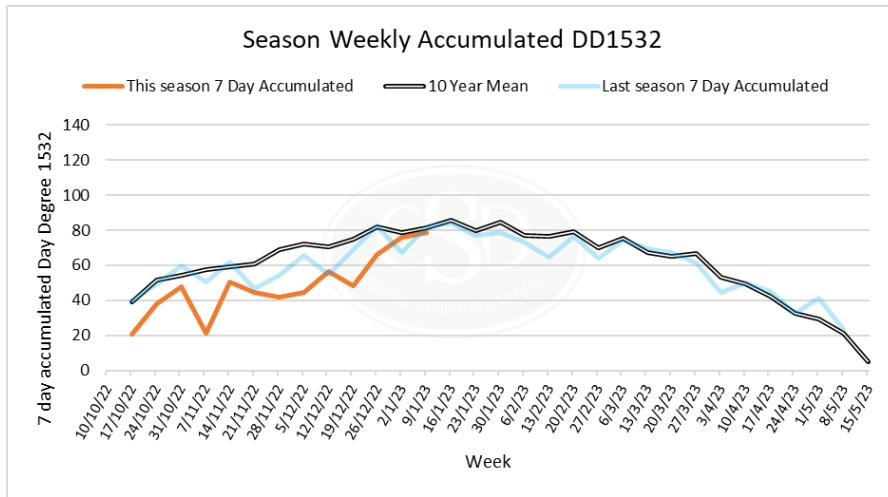
DATE - 14 January 2023



Seasonal Day Degree and historical data 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)



# Balonne crop check



## ST GEORGE AIRPORT

Date range: 10 October, 2022 to 12 January, 2023 (95 days).

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Summary [Seasonal comparison](#)

	2022	2021	2020	2019	2018	10 year mean
Base 12	1084.1	1258.3 ▲	1380.9 ▲	1496.7 ▲	1432.3 ▲	1363.9 ▲
DD1532*	680.4	832.9 ▲	903.7 ▲	929.9 ▲	944.7 ▲	880.9 ▲
Cold shock days ( $\leq 11^{\circ}\text{C}$ )	8	5 ▼	3 ▼	10 ▲	1 ▼	5.2 ▼
Days above 36°C	9	16 ▲	30 ▲	49 ▲	37 ▲	29.6 ▲
Nights above 25°C	2	2	8 ▲	20 ▲	11 ▲	9.0 ▲
Days above 40°C	0	1 ▲	9 ▲	19 ▲	6 ▲	7.7 ▲
Total rainfall (mm)	165.8	191.4 ▲	124.7 ▼	20.3 ▼	103.2 ▼	111.2 ▼
Total radiation (MJ/m <sup>2</sup> )	2109.3	2138.3 ▲	2163.3 ▲	2430.6 ▲	2309.2 ▲	2071.5 ▼
Average temperature (°C)	23.3	25.2 ▲	26.5 ▲	27.6 ▲	27.1 ▲	26.3 ▲

\* Experimental calculation.

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



# Balonne crop check

Day degree accumulation has improved in recent weeks as can be seen in the weekly accumulation graph, 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 3°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 starting to grow rapidly. The [BOM temperature outlook](#) is suggesting temperatures will be more normal through until the second week of February with potential for warmer than normal temperatures from mid-Feb into March.

AREA	Balonne
<b>Crop Stage</b>	<ul style="list-style-type: none"> <li>Crops range from around 4 nodes to 21 nodes with some well into flowering</li> </ul>
<b>Irrigation</b>	<ul style="list-style-type: none"> <li>Water supplies sufficient to get most crops through even if no more rain received.</li> <li>Most crops have had 4-5 irrigations</li> </ul>
<b>Insects/Beneficials</b>	<ul style="list-style-type: none"> <li>Stink beetles have become more prominent requiring control measures in some cases. Access to suitable products reported as challenging.</li> <li>Mirids generally low</li> <li>Helicoverpa egg numbers low to moderate</li> <li>SLW minimal</li> </ul>
<b>Weeds</b>	<ul style="list-style-type: none"> <li>OTT sprays largely done and weeds under control.</li> </ul>
<b>Disease</b>	<ul style="list-style-type: none"> <li>Fusarium symptoms prominent in affected crops however warmer weather is seeing some starting to grow and come through the symptoms</li> </ul>
<b>Environment/Drift</b>	<ul style="list-style-type: none"> <li>Minor drift symptoms evident in all late cotton from St George and south in the region.</li> </ul>
<b>Comments</b>	<ul style="list-style-type: none"> <li>Crops kicking away with warmer conditions and entering critical growth phases.</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.*

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