

Forecast temperatures and predicted planting conditions at Plainview, TX.

Date	Day	High	Low	% Chance Prec.	DD60s/d	5-d Total DD60s	Planting Conditions Based on DD60s	Comments
5/20/2024	M	95	61	0	18	60.5	Very Good	Monitor soil moisture and temperature
5/21/2024	T	90	54	0	12	58.5	Very Good	Monitor soil moisture and temperature
5/22/2024	W	76	56	5	6	61.5	Very Good	Monitor soil moisture and temperature
5/23/2024	Th	88	57	15	12.5	69	Very Good	Monitor soil moisture and temperature
5/24/2024	F	88	56	0	12	65.5	Very Good	Monitor soil moisture and temperature
5/25/2024	Sat	91	61	0	16	61	Very Good	Monitor soil moisture and temperature
5/26/2024	Sun	92	58	0	15			
5/27/2024	M	89	58	0	13.5			
5/28/2024	T	83	55	25	9			
5/29/2024	W	80	55	25	7.5			

Forecast temperatures and predicted planting conditions at Lubbock, TX.

Date	Day	High	Low	% Chance Prec.	DD60s/d	5-d Total DD60s	Planting Conditions Based on DD60s	Comments
5/20/2024	M	100	68	0	21.5	89	Very Good	Monitor soil moisture
5/21/2024	T	95	62	0	18.5	88	Very Good	Monitor soil moisture
5/22/2024	W	84	61	0	12.5	89	Very Good	Monitor soil moisture
5/23/2024	Th	94	62	15	18	96	Very Good	Monitor soil moisture
5/24/2024	F	94	63	0	18.5	92	Very Good	Monitor soil moisture
5/25/2024	Sat	97	66	0	20.5	85.5	Very Good	Monitor soil moisture
5/26/2024	Sun	97	64	0	19.5			
5/27/2024	M	95	64	5	19.5			
5/28/2024	T	87	61	25	14			
5/29/2024	W	83	61	25	12			

Forecast temperatures and predicted planting conditions at Lamesa, TX.

Date	Day	High	Low	% Chance Prec.	DD60s/d	5-d Total DD60s	Planting Conditions Based on DD60s	Comments
5/20/2024	M	101	70	0	22.5	94	Very Good	Monitor soil moisture
5/21/2024	T	96	65	0	20	92.5	Very Good	Monitor soil moisture
5/22/2024	W	88	61	10	14.5	92	Very Good	Monitor soil moisture
5/23/2024	Th	96	62	10	18.5	97	Very Good	Monitor soil moisture
5/24/2024	F	96	62	0	18.5	93.5	Very Good	Monitor soil moisture
5/25/2024	Sat	98	67	0	21	86.5	Very Good	Monitor soil moisture
5/26/2024	Sun	98	64	0	19.5			
5/27/2024	M	98	64	0	19.5			
5/28/2024	T	89	61	35	15			
5/29/2024	W	83	60	25	11.5			

Forecasts from www.weather.com; conditions and comments do not take into account local soil moisture or soil temps.

According to Texas A&M AgriLife's "Soil Temperatures for Cotton Planting" (<http://cotton.tamu.edu/General%20Production/scs-2005-17%20Soil%20Temp.pdf>), soil temperatures in the seed and root zone should exceed 60oF and the 5-day forecast for the daytime maximum air temperature should exceed 80oF. Additionally, nighttime minimum air temperature should be forecast to be above 50oF for the following 5 days.

Compiled by Ken Legé, Ph.D., Texas A&M AgriLife Extension Cotton Specialist

806-201-4775; ken.lege@ag.tamu.edu

As of 4:45 am 5/20/24

NOTE: 95F max used for DD60 calculations

Predictive DD60 Accumulation for Five Days Following Planting	Outlook for Planting
<10	Very poor
11 – 15	Poor
16 – 25	Marginal
26 – 50	Good
>51	Very good