



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
5/8/2023	M	96	61	5	18.5	75	Very Good	Monitor soil moisture
5/9/2023	T	93	60	20	16.5	59.5	Very Good	Monitor soil moisture
5/10/2023	W	86	59	20	12.5	47.5	Good	Monitor soil temperature and moisture
5/11/2023	Th	89	57	5	13	37.5	Good	Monitor soil temperature and moisture
5/12/2023	F	90	59	35	14.5	28	Good	Monitor soil temperature and moisture
5/13/2023	Sat	69	57	60	3	21	Marginal	Delay planting until after rain and when warmer temperatures return
5/14/2023	Sun	72	57	60	4.5			
5/15/2023	M	71	54	50	2.5			
5/16/2023	T	75	52	20	3.5			
5/17/2023	W	79	56	15	7.5			

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
5/8/2023	M	91	57	10	14	58	Very Good	Monitor soil moisture
5/9/2023	T	90	57	15	13.5	44	Good	Monitor soil temperature and moisture
5/10/2023	W	82	56	20	9	32	Good	Monitor soil temperature and moisture
5/11/2023	Th	86	53	15	9.5	23	Marginal	Monitor soil temperature and moisture
5/12/2023	F	87	57	20	12	14	Poor	Delay planting until after rain and when warmer temperatures return
5/13/2023	Sat	66	54	60	0	6.5	Very Poor	Do not plant; chilling injury could result
5/14/2023	Sun	70	53	60	1.5			
5/15/2023	M	68	50	60	0			
5/16/2023	T	72	49	25	0.5			
5/17/2023	W	77	52	25	4.5			

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

According to TAMU'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., PhytoGen Cotton Development Specialist

806-773-7310; ken.lege@phytogen.com

As of 4:50 pm, 5/07/23

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