

Forecast temperatures and predicted planting conditions at Spearman, TX.

Date	Day	High	Low	% Chance Prec.	DD60s/d	5-d Total DD60s	Planting Conditions Based on DD60s	Comments
5/6/2024	M	82	49	5	5.5	13.5	Poor	Nighttime temps too low; delay planting until at least 5/11 or later.
5/7/2024	T	86	47	0	6.5	11.5	Poor	Nighttime temps too low; delay planting until at least 5/11 or later.
5/8/2024	W	75	48	0	1.5	10	Very Poor	Nighttime temps too low; delay planting until at least 5/11 or later.
5/9/2024	Th	70	46	5	0	15.5	Poor	Nighttime temps too low; delay planting until at least 5/11 or later.
5/10/2024	F	72	48	5	0	23.5	Marginal	Nighttime temps too low; delay planting until at least 5/11 or later.
5/11/2024	Sat	75	52	15	3.5	31.5	Good	Monitor soil temps and moisture; consider waiting until 5/13 for temps to increase.
5/12/2024	Sun	78	52	20	5			
5/13/2024	M	80	54	25	7			
5/14/2024	T	81	55	20	8			
5/15/2024	W	82	54	15	8			

Forecast temperatures and predicted planting conditions at Panhandle, TX.

Date	Day	High	Low	% Chance Prec.	DD60s/d	5-d Total DD60s	Planting Conditions Based on DD60s	Comments
5/6/2024	M	83	51	5	7	19.5	Marginal	Upcoming colder nighttime low temps; do not plant.
5/7/2024	T	86	49	0	7.5	14.5	Poor	Nighttime temps too low; do not plant.
5/8/2024	W	81	49	0	5	12	Poor	Nighttime temps too low; do not plant.
5/9/2024	Th	70	47	0	0	14.5	Poor	Nighttime temps too low; do not plant.
5/10/2024	F	71	49	10	0	22.5	Marginal	Nighttime temps too low; do not plant.
5/11/2024	Sat	72	52	5	2	32	Good	Delay planting until at least 5/14; monitor soil temps and moisture.
5/12/2024	Sun	76	54	20	5			
5/13/2024	M	79	56	35	7.5			
5/14/2024	T	80	56	35	8			
5/15/2024	W	82	57	20	9.5			

Forecast temperatures and predicted planting conditions at Dumas, TX.

Date	Day	High	Low	% Chance Prec.	DD60s/d	5-d Total DD60s	Planting Conditions Based on DD60s	Comments
5/6/2024	M	80	47	0	3.5	12	Poor	Nighttime temps too low; do not plant.
5/7/2024	T	86	45	0	5.5	9	Very Poor	Nighttime temps too low; do not plant.
5/8/2024	W	79	47	0	3	6.5	Very Poor	Nighttime temps too low; do not plant.
5/9/2024	Th	68	43	10	0	9	Very Poor	Nighttime temps too low; do not plant.
5/10/2024	F	70	46	10	0	16	Marginal	Nighttime temps too low; do not plant.
5/11/2024	Sat	71	50	15	0.5	23	Marginal	Delay planting until at least 5/14; monitor soil temps and moisture.
5/12/2024	Sun	76	50	20	3			
5/13/2024	M	79	52	25	5.5			
5/14/2024	T	81	53	25	7			
5/15/2024	W	81	53	20	7			

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 8:15 am 5/6/24

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