Morning Weather Summary

Updated 9/12/2023 AM

Weather Headlines

- Hurricane Lee could bring major impacts to New England and Atlantic Canada this weekend
- The forecast trended warmer across the Midwest/East and cooler in the Northwest during week two. Two other tropical threats are worth watching during week two



Hurricane Lee will bring major impacts somewhere from eastern MA through Atlantic Canada this weekend, especially Saturday. It will likely be a hurricane upon approach. There is still uncertainty with the track. Some guidance brings it closer to New England, which would be a larger impact. Some guidance tracks it into Nova Scotia, which would reduce the impact to New England. The general model trend was closer to New England with the 0Z runs. The DTN forecast is a landfall somewhere in Downeast Maine to the New Brunswick line for now. The largest impacts will be to the east of the storm's center where storm surge and onshore winds will be a major problem. Power outages and flooding will be significant impacts with Lee. The area from the northeastern Gulf of Mexico through the Southeast Coast will need to be watched during week two. A front will stall offshore and sometimes tropical systems can form along such a feature. Another system will have to be watched as it attempts to re-curve during the day 11-15 period.

A fall air mass will drop through the Midwest through TX during the day 2-7 period. Significant relief to the summer heat is coming to TX. Eventually, the cooler air will reach the East Coast later this week. Meanwhile, above normal temperatures will develop along the West Coast. It will be warmest in the Pacific Northwest. A warming trend will take place across the Central US through the Midwest during the day 8-10 period where above normal temperatures will become widespread. Guidance trended warmer across the Midwest/Mid-South. At the same time, the GFS/GEFS came in cooler across the Northwest and temperatures had to be lowered.

A warmer pattern will be likely across most of the US during the day 11-15 period, especially the MS Valley/Great Lakes region. Guidance came in warmer across most of the East and readings were raised. This is especially true of the GFS/GEFS. The ECMWF was already warm, but it still is suffering from a warm bias for the last 90 days overall, so the forecast was set a little warmer than the GEFS, but not quite as warm as the ECMWF. Guidance came in cooler across the Northwest, mostly early in the period. © 2023 DTN. All rights reserved. Reproduction

2-5 Day Forecast (Wed 9/13 to Sat 9/16)



6-10 Day Forecast (Sun 9/17 to Thu 9/21)



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Detailed 1-5 Day Outlook

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Detailed 6-10 Day Outlook

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Detailed 11-15 Day Outlook

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Forecast Model Comparison

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Precipitation Summary

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Next 7 Day Temperature & Precipitation Forecast Data

Region	Avg Hi/Lo*	Hi/Lo Anom	Highest**	Lowest**	Fcst Precip	Norm Precip	Precip Anom
Western Corn Belt	77°F/52°F	0/-1F	86°F	46°F	0.15"	0.63"	-0.48"
Eastern Corn Belt	74°F/53°F	-3/-2F	81°F	44°F	0.19"	0.68"	-0.49"
Western Soybeans	77°F/53°F	+1/0F	84°F	44°F	0.12"	0.65"	-0.53"
Eastern Soybeans	75°F/54°F	-4/-3F	85°F	44°F	0.18"	0.72"	-0.54"
Northern Wheat Belt	75°F/49°F	-2/+2F	86°F	38°F	0.69"	0.36"	+0.33"
Southern Wheat Belt	77°F/56°F	-7/-3F	85°F	50°F	1.08"	0.62"	+0.46"
Western SE Cotton	88°F/66°F	+1/+1F	95°F	60°F	0.31"	0.87"	-0.56"
Eastern SE Cotton	85°F/65°F	0/0F	92°F	55°F	0.48"	1.21"	-0.73"
Florida Citrus	91°F/73°F	+1/+1F	95°F	69°F	0.47"	1.47"	-1"

*Avg Hi/Lo are the average forecast high and low temperatures for the next 7 days averaged over all cities in a region. **Highest and lowest forecast temperature is the absolute highest and lowest forecast temperature out of all cities in a given ag region

International Outlook

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International Outlook

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Regional Average Temperatures

Updated 9/12/2023 AM

Regional Daily Temperature and Precipitation Averages																
Consult Individual City Forecast Product for City Specific Temperature Forecasts																
			La	st 5 Da	ays						Next 1	0 Days	S			
pu	Date	9/7	9/8	9/9	9/10	9/11	9/12	9/13	9/14	9/15	9/16	9/17	9/18	9/19	9/20	9/21
New England	Avg High	91	86	83	73	75	76	74	72	72	70	75	75	74	74	74
	Avg Low	68	69	67	65	66	65	64	60	54	57	57	56	54	53	53
	Anomaly	14	12	10	5	6	7	5	3	0	1	4	4	3	3	З
ž	Avg Prcp	0.3	0.01	0	0	0.05	0.09	0.62	0.09	0	0.49	0.16	0.03	0.09	0.06	0
C	Weekday	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu
Mid-Atlantic	Avg High	92	86	82	80	82	81	74	73	73	76	78	77	77	78	79
	Avg Low	71	68	68	67	65	64	63	56	53	54	57	58	57	57	58
Ē	Anomaly	12	8	6	5	6	5	1	-3	-4	-1	1	2	2	2	4
Σ	Avg Prcp	0.41	0.01	0.01	0	0	0.09	0.4	0	0	0	0.02	0.11	0.04	0.02	0
	Date	9/7	9/8	9/9	9/10	9/11	9/12	9/13	9/14	9/15	9/16	9/17	9/18	9/19	9/20	9/21
Southeast	Avg High	94	89	87	89	92	88	87	85	85	85	85	86	87	87	88
the	Avg Low	72	69	68	69	68	70	69	67	65	64	65	65	65	66	66
oni	Anomaly	5	1	0	2	4	3	2	0	-1	-1	0	1	2	3	3
S	Avg Prcp		0	0.09	0	0	0.06	0.1	0.05	0.03	0.02	0.11	0.09	0.05	0.02	0.01
-	Weekday		Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu
Florida	Avg High	93	88	90	92	93	93	91	92	88	87	89	89	89	89	89
<u>lo</u>	Avg Low	75	71	71	75	74	75	76	75	75	74	73	74	74	74	73
	Anomaly	1	-3	-2	1	1	2	2	1	0	-1	-1	0	0	0	0
ပုပ	Avg Prcp		0	0.46	0	0	0.22	0.06	0.06	0.19	0.1	0.12	0.31	0.2	0.11	0.03
		9/7				9/11			9/14						9/20	9/21
st	Date		9/8 79	9/9	9/10		9/12	9/13		9/15	9/16	9/17	9/18	9/19		
Midwest	Avg High	77	78	79	78	77	72	73	76	76	76 54	76	77	79	81	82
lidv	Avg Low	60	60	60	59	58	58	52	52	53	-1	55	54	56	58	60
Σ	Anomaly	-2	0	0	0	0	-3	-5	-3	-3		-1	0	3	5 0.01	7
	Avg Prcp		0	0	0.01	0.14	0.09	0.01	0	0.01	0.02	0.04	0.02	0.01		0.03
SL	Weekday		Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu
lains	Avg High	85	86	82	74	73	76	78	77	74	76	80	83	82	81	78
Ē	Avg Low	52	55	55	53	51	49	51	54	53	51	51	52	53	53	53
C-N	Anomaly	2	4	3	-2	-3	-2	1	2	0	1	4	6	7	7	6
Ŭ	Avg Prcp		0	0	0.01	0.13	0	0.01	0.11	0.17	0.03	0	0	0.02	0.02	0.04
tral	Date	9/7	9/8	9/9	9/10	9/11	9/12	9/13	9/14	9/15	9/16	9/17	9/18	9/19	9/20	9/21
	Avg High		101	95	93	89	83	82	82	83	85	86	89	90	91	91
ç	Avg Low	74	75	70	67	67	68	67	66	65	65	64	64	66	67	68
South-Cen	Anomaly	9	9	4	2	0	-2	-3	-2	-2	-1	0	1	3	5	6
ŭ	Avg Prcp	0	0	0	0	0	0.08	0.12	0.22	0.16	0.16	0.08	0.03	0.03	0.07	0.01
Ť	Weekday	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu
Southwest	Avg High	97	99	100	98	95	89	89	91	91	91	91	90	88	88	87
thv	Avg Low	68	72	74	74	72	70	67	67	67	67	68	67	66	65	65
no	Anomaly	3	6	7	6	4	1	-1	0	1	1	2	1	0	0	0
S	Avg Prcp	0	0.3	0.31	0.7	0.31	0.08	0.04	0	0	0	0	0	0.02	0.1	0.02
·	Date	9/7	9/8	9/9	9/10	9/11	9/12	9/13	9/14	9/15	9/16	9/17	9/18	9/19	9/20	9/21
Northwest	Avg High		83	86	85	81	79	82	86	89	88	84	80	78	77	77
	Avg Low		54	57	57	58	58	58	57	59	60	59	58	56	53	54
lort	Anomaly	0	1	4	4	3	2	4	5	8	8	6	4	2	1	1
Ź	Avg Prcp	0	0.2	0.43	0.4	0.15	0.01	0	0	0	0	0	0.02	0.02	0.02	0.01
Rockie	Weekday		Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu
	Avg High		86	88	87	87	81	79	78	81	85	86	84	81	78	77
	Avg Low	55	56	55	58	57	57	56	53	53	53	56	57	55	52	51
	Anomaly	4	4	5	7	7	4	3	2	3	6	8	8	6	3	2
C-N	Avg Prcp	4	0.04	0.09	0.28	0.12	4	0.02	0.06	0.01	0	0	0	0.02	0.05	0.08
\cup	Avy Fich	U	0.04	0.09	0.20	0.12	U	0.02	0.00	0.01	U	U	U	0.02	0.05	0.00

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Notes

PWA=Population Weighted Average Temp Anomaly

YOY=PWA for this year minus PWA for same period last year

YO5Y=PWA for this year minus five year average PWA for same period.

Regional Temperature and Precipitation Forecast Boundaries



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