



EARTHSAT

EarthSat's Energy Weather Noon Update

Friday

DAY

05/11/01

DATE

12:45 P.M.

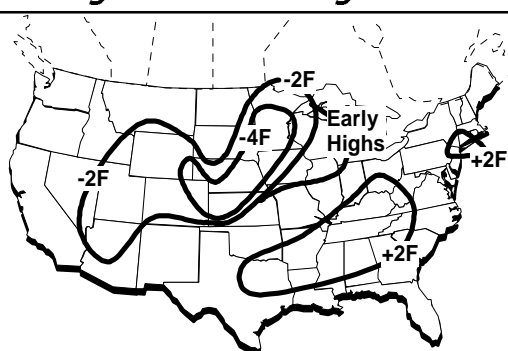
TIME

CH

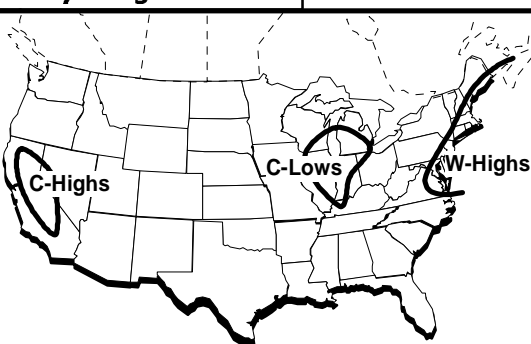
FORECASTER

NEAR/SHORT TERM CHANGES

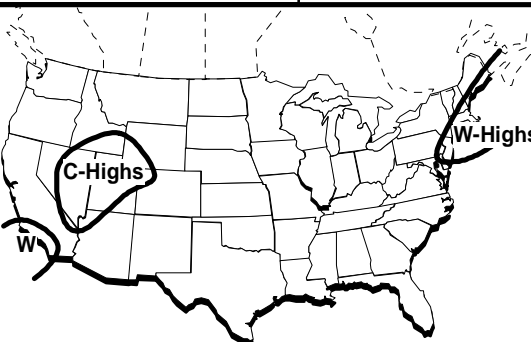
Changes From Morning Forecasts



Today's High



Saturday's Changes



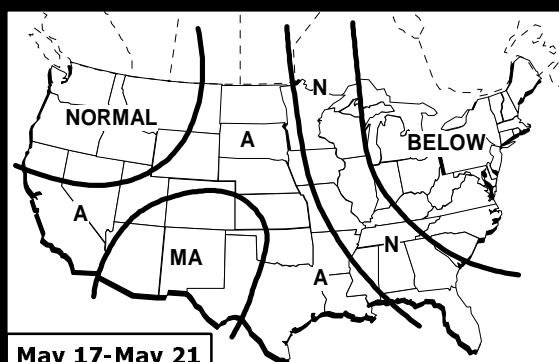
Sunday's Changes

Temps across the Tenn. and Ohio Valley's could be 2F warmer this afternoon ahead of an approaching cold front. Behind the same front, Chicago had an early high. They currently are only 49F. Temps could be 2F to 4F cooler than forecast this afternoon behind the front, across the Upper Midwest, into the central Rockies as well.

Overall, there will not be too many changes to the forecast over the weekend. High pressure seems a bit stronger across the Midwest tomorrow and therefore morning lows could be 1F to 3F cooler than forecast. Warmer highs on the order of 1F to 3F could be the case tomorrow for East Coast locations with some downsloping still lingering. Cooler highs on the order of 1F to 3F could be the case for the San Joaquin Valley tomorrow. On Sunday, Northeast coastal locations still could be 1F to 3F warmer than forecast but still cool (only in the 60s). Cooler highs (1F to 3F) could occur Sunday across the Great Basin as a front clips the area. Warmer temps could be the case across the LA Basin Sunday on the order of 1F to 3F. Low temps are warmer for the Ohio Valley Sunday morning but with high pressure parked over the area EarthSat will not side with this and still keep the 39F for Cincy which may cause a bit of heating demand.

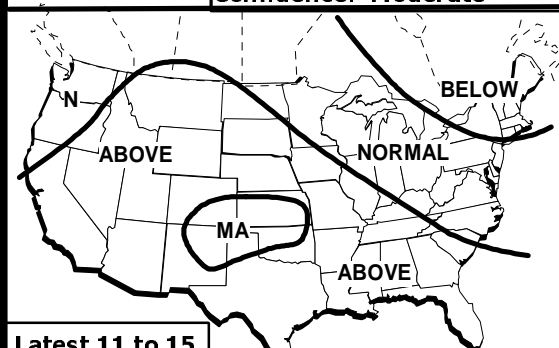
Monday-Tuesday: There will be no changes to the forecast.

LONG TERM DISCUSSION



May 17-May 21
Thu - Mon

Confidence: Moderate



Latest 11 to 15
Day Trends

Confidence: Low

Day 8 Warmer for Western Midwest.

* The latest ensemble info shows general support for the 6-10 day period. They do appear a bit faster in bringing warmth to the central Midwest by day 8.

* The AVN/AVNX models are both warmer across the western Midwest on day 8. As a result, EarthSat will warm Chicago to normal on this day and St. Louis to slightly above.

* A trough and moisture will keep temps down across the Midwest and East Coast for much of the period. As a result, there will be no heat as temps will be seasonal to below.

* Areas of the Southwest will have sustained heat. Burbank should remain in the low 80s and Phoenix will have highs in the low 100s at times. The warm ridge should shift into Texas and the southwestern fringes of the Midwest on days 9 and 10.

11-15 Day Forecast is Warmer for California and the Southeast.

* In the 11-15 day time frame, the warm ridge continues in the mid-continent, but there are some more signs of expansion of coverage of the above normal temps (extending eastward into the Southeast and westward to the California coast).

* Much above's have been added to the central Plains. OK City could reach upper 80s.

* Confidence is low, particularly for the eastern third of the U.S.

* Special Notice *

The Noon Update Will Be Released at 11:45 pm CDT to Better Incorporate Info From The Early PM AVN-X Model And Limit Confusion Regarding EarthSat Updates. This will take place because of the change to Daylight Savings time. A Rapid Update E-Mail Could Be Released Slightly Earlier to Give A Brief Overview of Short Range Changes.

Mid-Day Update Status*:

11 to 15 Operational:
Updated at 6:30am ET

6 to 15 Day Ensemble:
Updated at 8:00am ET

1 to 7 Day AVN and AVNX:
Updated at 12:30pm ET