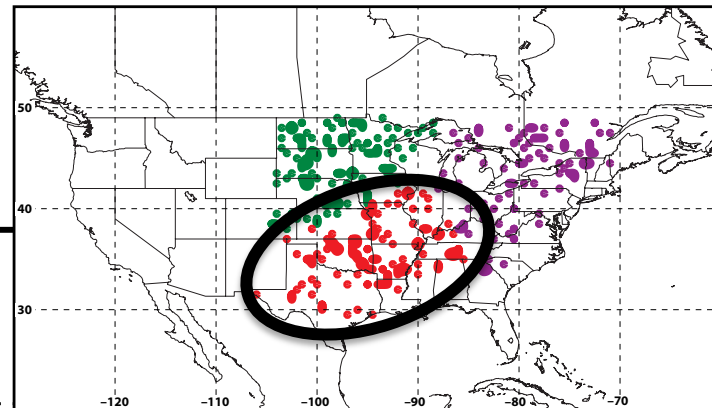
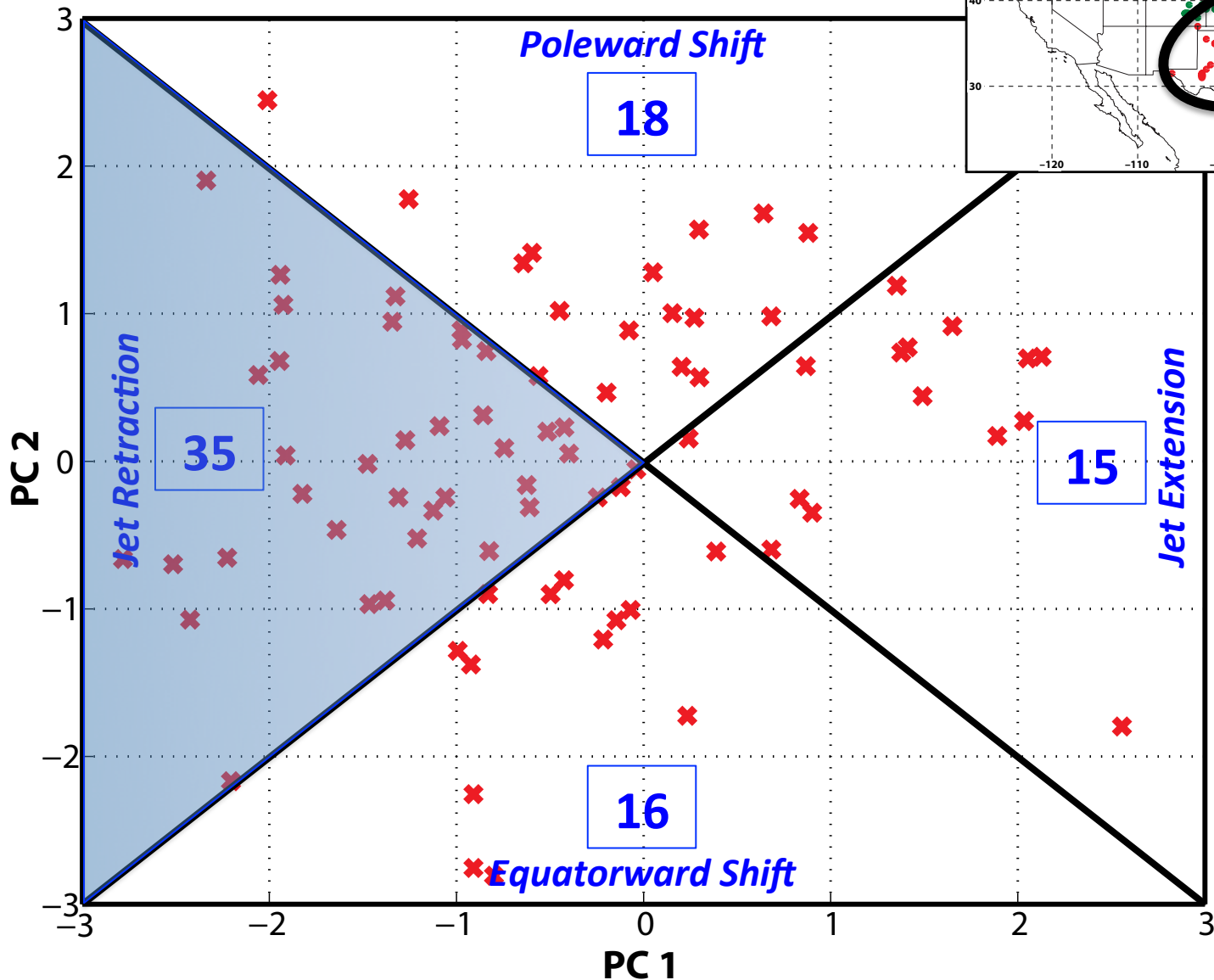


Eastern U.S. – S. Plains Cluster

WARM EVENTS (n = 84)

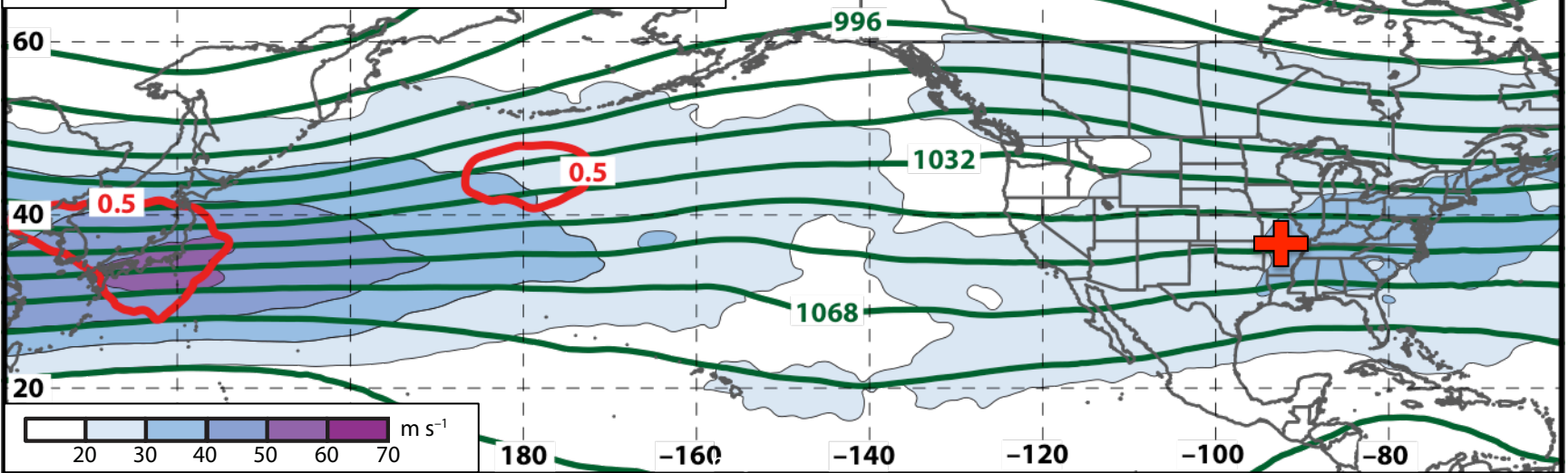


Events during
Sept. – May
projected onto
phase diagram

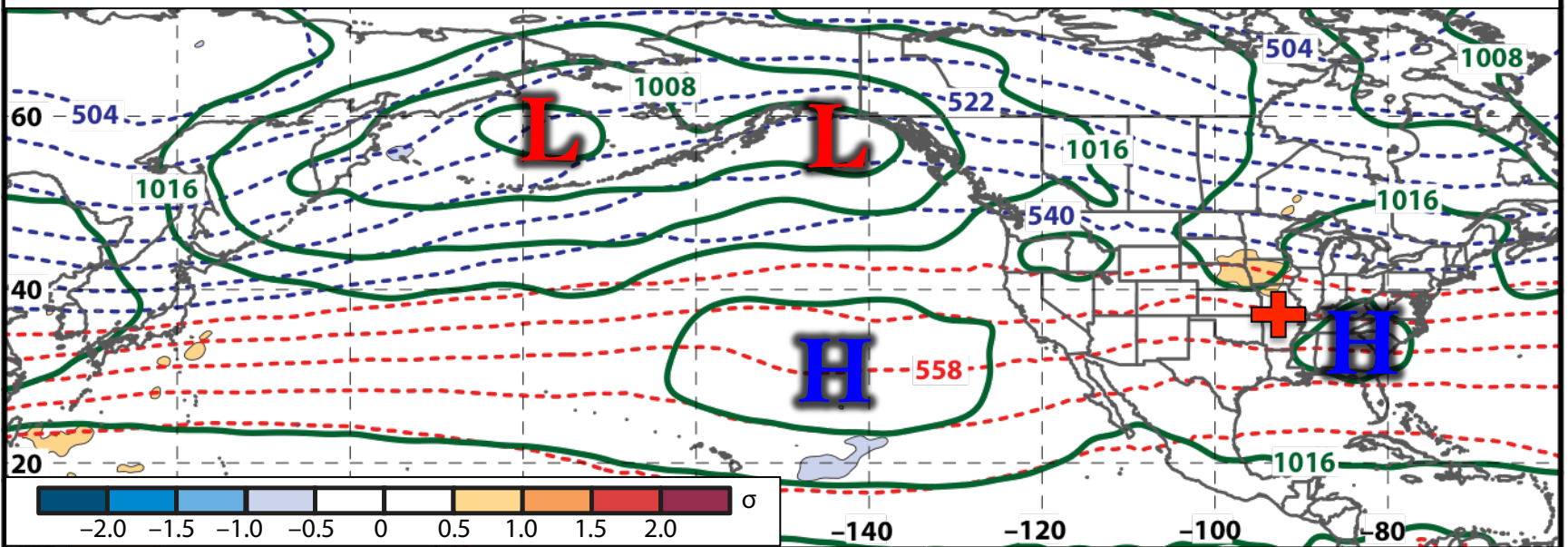
Each point is an
average of the
PCs for
3–7 days prior
to the event

250-hPa Wind Speed, Geo. Heights, Std. Height Anomalies: Day -10

S. Plains Warm Event – Jet Retraction

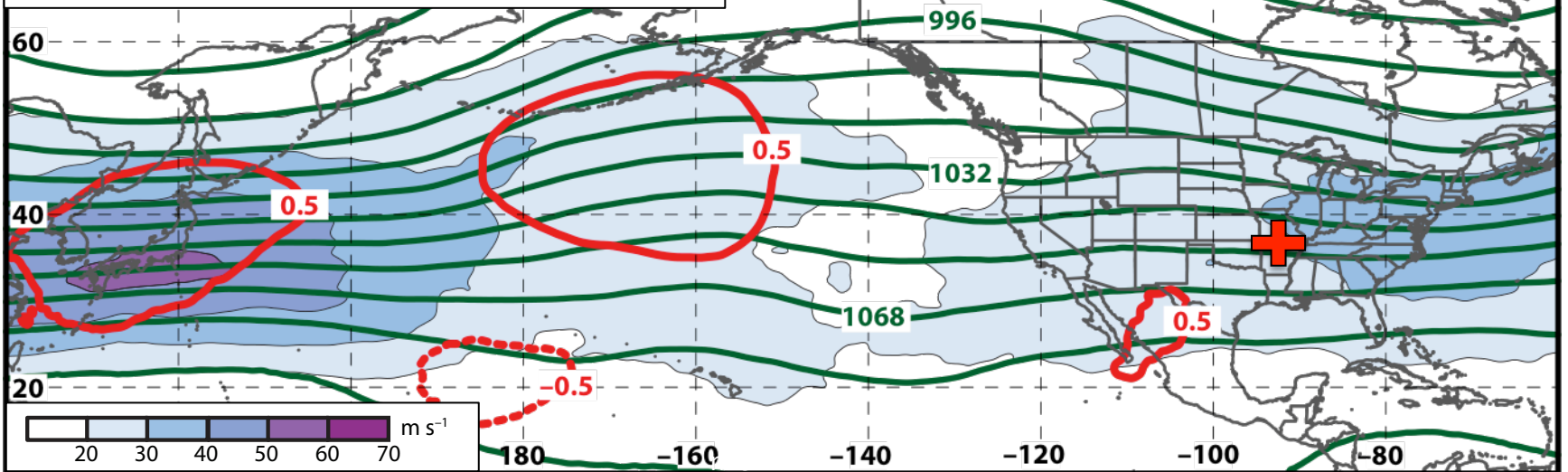


Mean Sea-Level Pressure, 1000–500-hPa Thickness, 950-hPa Std. Temp. Anomalies: Day -10

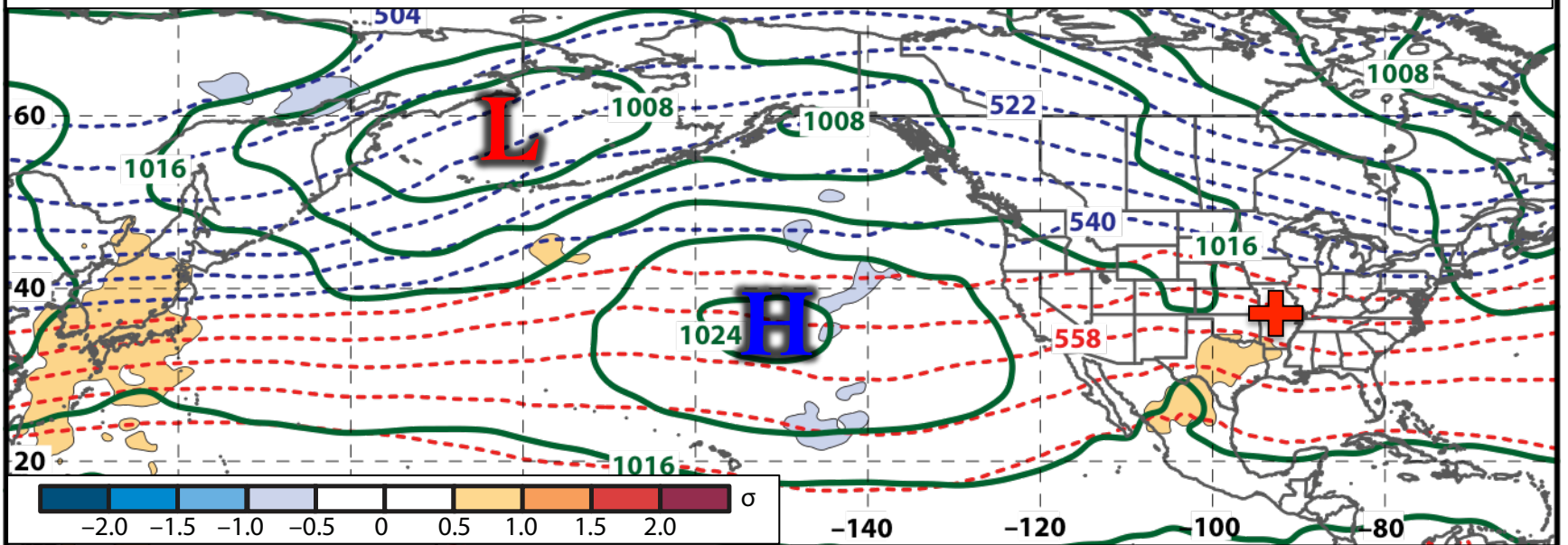


250-hPa Wind Speed, Geo. Heights, Std. Height Anomalies: Day -8

S. Plains Warm Event – Jet Retraction

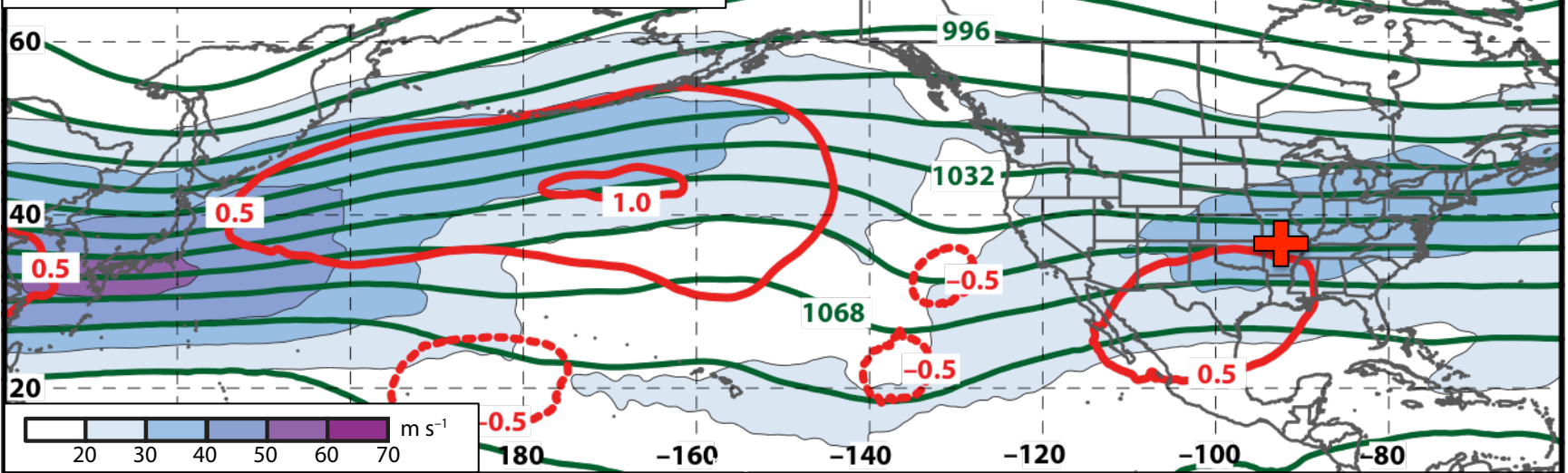


Mean Sea-Level Pressure, 1000–500-hPa Thickness, 950-hPa Std. Temp. Anomalies: Day -8

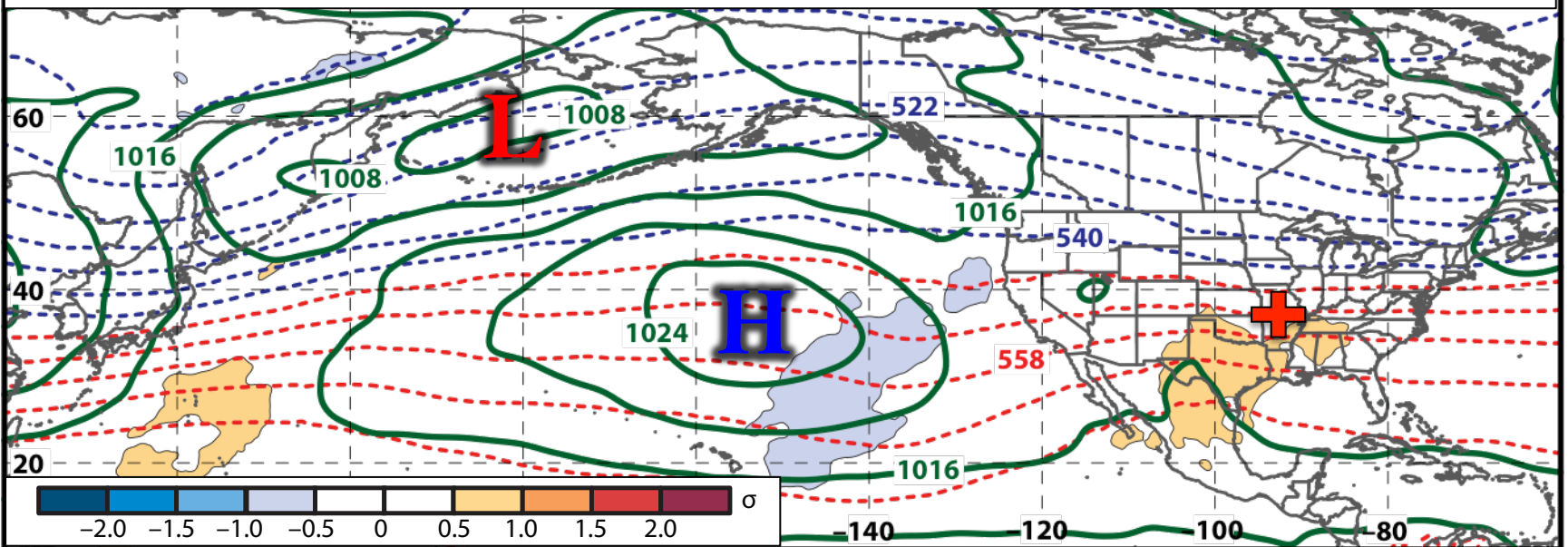


250-hPa Wind Speed, Geo. Heights, Std. Height Anomalies: Day -6

S. Plains Warm Event – Jet Retraction

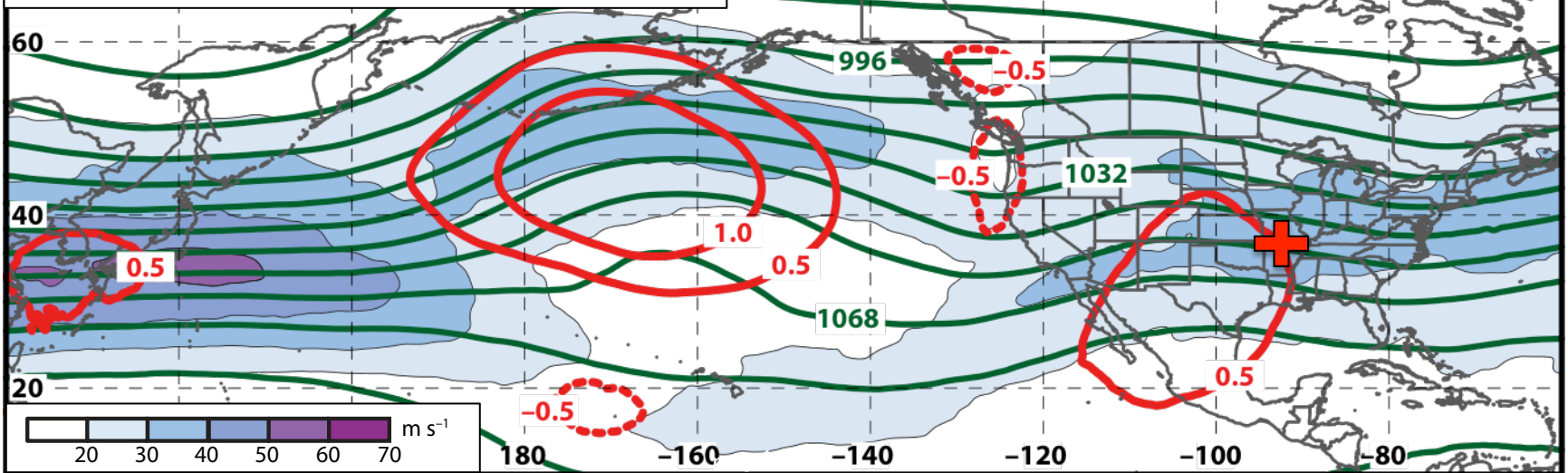


Mean Sea-Level Pressure, 1000–500-hPa Thickness, 950-hPa Std. Temp. Anomalies: Day -6

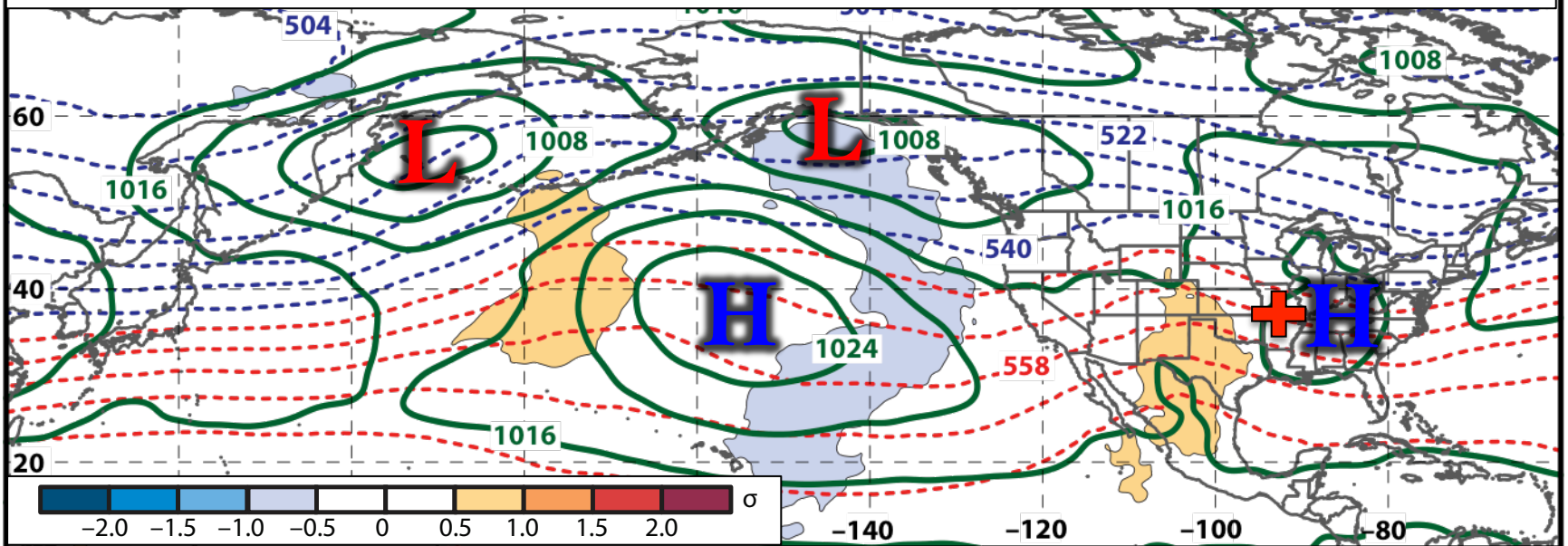


250-hPa Wind Speed, Geo. Heights, Std. Height Anomalies: Day -4

S. Plains Warm Event – Jet Retraction

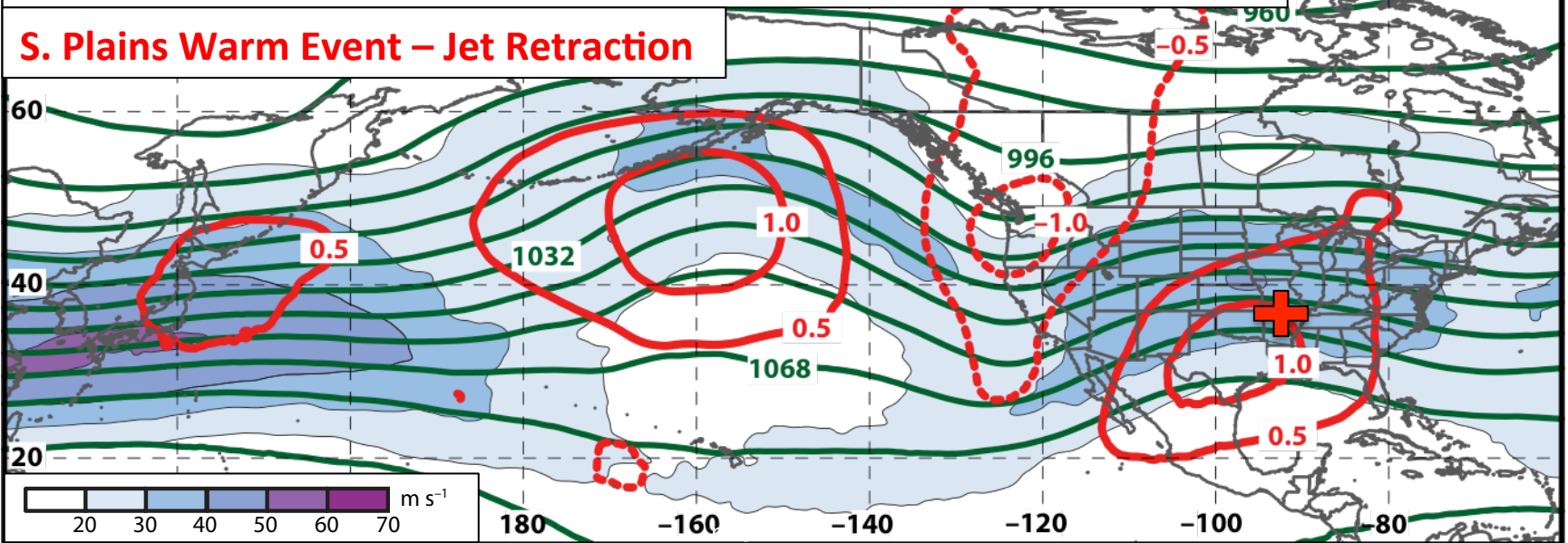


Mean Sea-Level Pressure, 1000–500-hPa Thickness, 950-hPa Std. Temp. Anomalies: Day -4

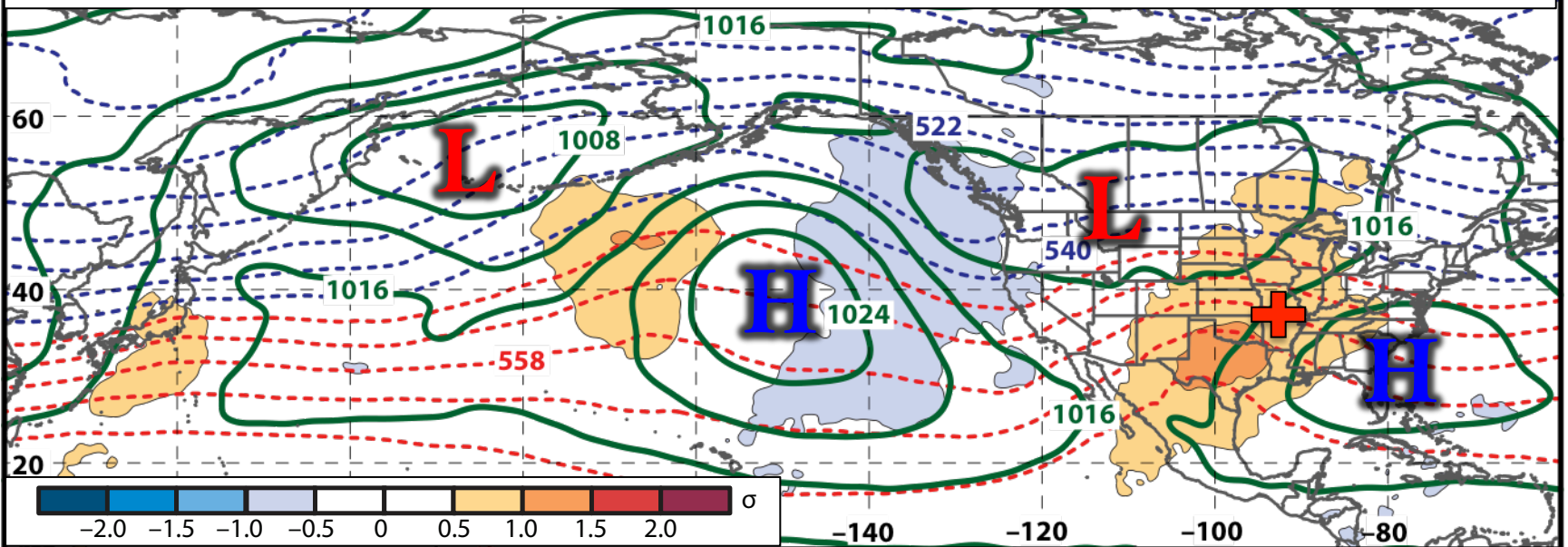


250-hPa Wind Speed, Geo. Heights, Std. Height Anomalies: Day -2

S. Plains Warm Event – Jet Retraction

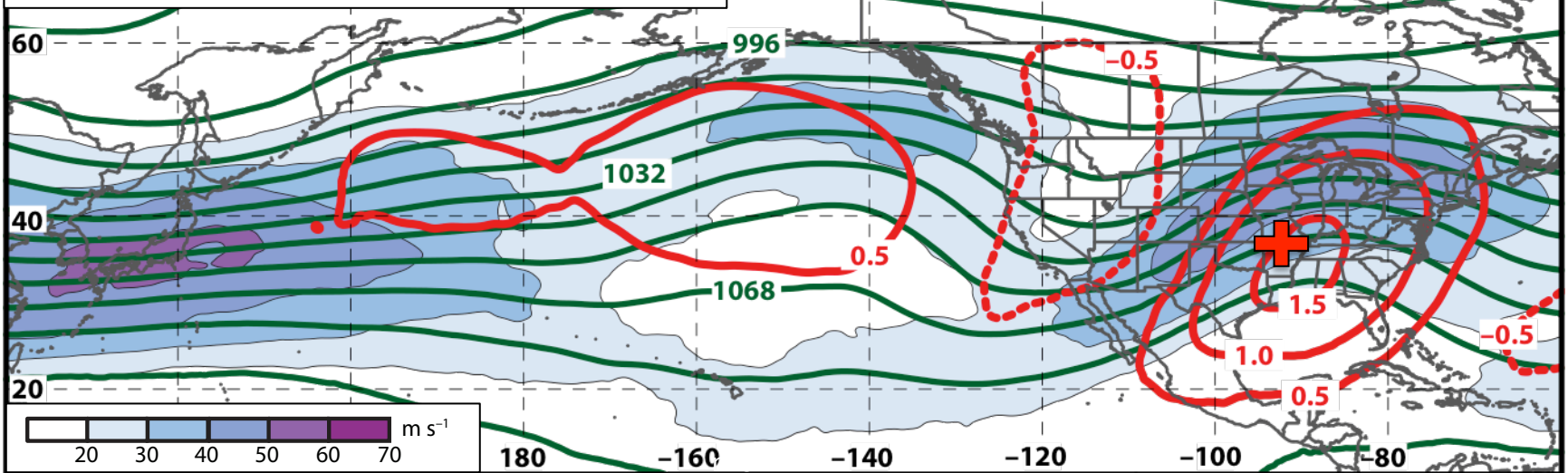


Mean Sea-Level Pressure, 1000–500-hPa Thickness, 950-hPa Std. Temp. Anomalies: Day -2



250-hPa Wind Speed, Geo. Heights, Std. Height Anomalies: Day 0

S. Plains Warm Event – Jet Retraction



Mean Sea-Level Pressure, 1000–500-hPa Thickness, 950-hPa Std. Temp. Anomalies: Day 0

