WxAnalyst ®

APPLIED GEOGRAPHY

365 Lanternback Island Drive
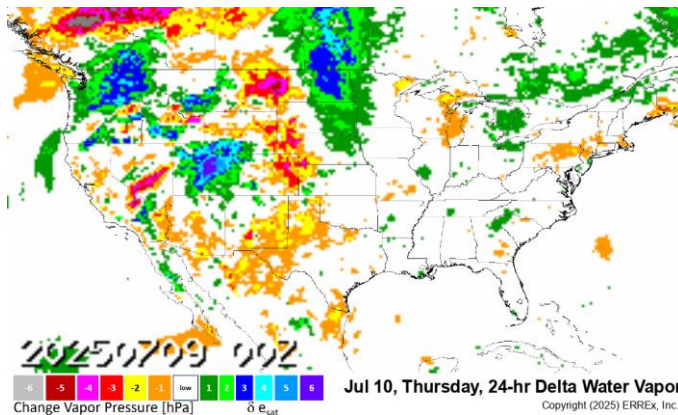Satellite Beach, FL 32937-4708

Release Date 09 July 2025

WxOps® Weather Information Services

WxAnalyst LTD provides weather information data and product services in common open geospatial formats, derived from a variety of sources. Low costs for 24x7 operations are achieved using freely available data with no restrictions. Contact wxazygy@wxanalyst.com for data/product availability and services information.

Table 1 – Available Weather Information Services and Related Products				
Dataset	**Cycle**	**Resolution**	**Source**	**Restrictions**
Geopolitical & Topographic Maps	static	30 to 1 arcsec	ESRI, USGS, others	none
Models & Fronts	1 to 6 hr	point/grid	NOAA/NWS	none
Derived Parameters	1 to 6 hr	point/grid	WxAnalyst	none
METARS & TAFS	*ad hoc*	point	NOAA/NWS	none
Sigmets, Domestic & International	*ad hoc*	polygon	NOAA/NWS	none
Lightning - global	5 min	point	Multiple sources	contract
Radar	5 min	point/polygon	Multiple sources	contract
Radar Occultation	static	point	WxAnalyst	contract
Satellite IR - global	30 min	image	Multiple sources	contract
Tropical Cyclone	*ad hoc*	5 to 0.25 deg	NHC/JTWC/INTL	none
CCFP (Collaborative Forecast)	*ad hoc*	5 to 0.25 deg	FAA	none
TSTM	6 hr	5 to 0.25 deg	Multiple sources	contract
ICING	6 hr	5 to 0.25 deg	Multiple sources	contract
Turbulence (Flight Levels)	6 hr	5 to 0.25 deg	Multiple sources	contract
Winds/Temps	1 hr	5 to 0.25 deg	NOAA/NCEP	none
Oceanic ATC Charts	60 days	30 arcsec	FAA	none
SigWx Charts	6 hr	point/line	ICAO	none
PIREP – US Only	*ad hoc*	point	FAA	none

Sample gridded product, daily change in water vapor pressure for CONUS. Generated by WxAnalyst for The Patient and The Weather, reproduced here by permission ERREx Inc.

end