

Enhanced Weather™ DATA SUITE

	ATTRIBUTE	EXAMPLES
Current Conditions – National Weather Service Observations	Temperature (high, low, feels like)	Temps in degrees Fahrenheit
	Dew Point	Dew Point in degrees Fahrenheit
	Relative Humidity	In percent humidity
	Wind (direction, speed, gusts)	SE at 10mph, gust 15mph
	Sea level pressure (barometer, trend, altimeter)	30.15 in and falling (-1)
	Precipitation (snow & rain totals)	0.93 inches of rain
	Visibility (visibility & cloud ceiling)	10 miles
	Sky (description & icon)	Partly Cloudy, icon="12"
	Yesterday Totals (high, low, precip)	Temps in degrees Fahrenheit
Microcast Forecasts (7 Day Outlook)	Temperature (high, low)	Temps in degrees Fahrenheit
	Wind (direction, high speed, low speed)	SE, Max 15mph, Min 5mph
	Sea level pressure (barometer, trend)	30.15 in and falling (-1)
	Sky (description & icon)	Clear, icon="1"
	Precipitation (snow & rain totals)	0.93 inches of rain
	Probability of Precipitation	20%
	Sun (sunshine hours, sun rise, sun set)	2 hours of sunshine, sunrise 7:02, sunset 6:28
	Summary Statement	"Today, temperatures will be 36 to 61 degrees..."
Microcast Forecasts (Day part segments: morning, afternoon, evening, overnight)	Wind (direction, high speed, low speed)	SE, Max 15mph, Min 5mph
	Sea level pressure (barometer, trend)	30.15 in and falling (-1)
	Sky (description & icon)	Clear, icon="1"
	Precipitation (snow & rain totals)	0.93 inches of rain
	Probability of Precipitation	20%
	Summary Statement	"It will be a breezy and cloudy afternoon..."
Microcast Forecasts (Hourly for 96 hours)	Temperature (temp, trend, feels like)	72 degrees F
	Wind (direction, speed)	SE at 10mph
	Humidity	56%
	Sky (summary icon, cloud cover icon, precip icon)	mapping IDs: icon="8", ccover="12", precip="8"
National Weather Service (NWS) global numerical model for International Locations	Temperature (high, low)	72 degrees F
	Sky (description & icon)	Clear, icon="1"
	Sun (sun rise, sun set)	Sunrise 5:50, Sunset 17:33
National Weather Service Severe Weather Alerts	Watches	Tornado Warning
	Warnings	Severe Thunderstorm Watch
	Advisories	Freezing Rain Advisory
	Multiple locations	zip code or location ID mapped to city, state
Weather Index & Weather Alerts by "Road Segment"	Forecasted Precipitation TYPE (snow, rain, sleet)	Rain, Snow, Sleet
	Forecasted Precipitation Rate	1.1" between 7PM-8PM Tue
	Forecasted Wind Speed/Direction	NE @ 12mph
	Forecasted Weather Related Traffic Slowdown Rate	20% Slowdown at 7:00PM for I-90 between US 12 and Stoughton Road
National Weather Service Severe Weather Alerts by Latitude/Longitude	Watches	Request Driven service that takes an HTTP
	Warnings	Request with a lat/lon point and returns
	Advisories	active warnings and alerts in XML response