

Service Name	nowCOAST@IDP Data Center Map Services (Expiring April 3rd)	nowCOAST@AWS Map Services	NWS Cloud GIS Map Services @ AWS
NOS Coastal & Great Lakes Operational Forecast Systems forecast guidance of surface water currents	https://nowcast.noaa.gov/arcgis/rest/services/nowcast/guidance_model_coastalocan_cb0fs_time/MapServer https://nowcast.noaa.gov/arcgis/rest/services/nowcast/guidance_model_coastalocan_db0fs_time/MapServer https://nowcast.noaa.gov/arcgis/rest/services/nowcast/guidance_model_coastalocan_g0m0fs_time/MapServer https://nowcast.noaa.gov/arcgis/rest/services/nowcast/guidance_model_coastalocan_ib0fs_time/MapServer https://nowcast.noaa.gov/arcgis/rest/services/nowcast/guidance_model_coastalocan_sb0fs_time/MapServer https://nowcast.noaa.gov/arcgis/rest/services/nowcast/guidance_model_greatlakes_ib0fs_time/MapServer https://nowcast.noaa.gov/arcgis/rest/services/nowcast/guidance_model_greatlakes_lm0fs_time/MapServer https://nowcast.noaa.gov/arcgis/rest/services/nowcast/guidance_model_greatlakes_lm0fs_time/MapServer https://nowcast.noaa.gov/arcgis/rest/services/nowcast/guidance_model_coastalocan_ngo0fs_time/MapServer https://nowcast.noaa.gov/arcgis/rest/services/nowcast/guidance_model_coastalocan_ny0fs_time/MapServer	https://beta.nowcast.noaa.gov/geoserver/model_guidance/cb0fs/ows?SERVICE=WMS&VERSION=1.3.0&REQUEST=GetCapabilities https://beta.nowcast.noaa.gov/geoserver/model_guidance/db0fs/ows?SERVICE=WMS&VERSION=1.3.0&REQUEST=GetCapabilities https://beta.nowcast.noaa.gov/geoserver/model_guidance/g0m0fs/ows?SERVICE=WMS&VERSION=1.3.0&REQUEST=GetCapabilities https://beta.nowcast.noaa.gov/geoserver/model_guidance/ib0fs/ows?SERVICE=WMS&VERSION=1.3.0&REQUEST=GetCapabilities https://beta.nowcast.noaa.gov/geoserver/model_guidance/sb0fs/ows?SERVICE=WMS&VERSION=1.3.0&REQUEST=GetCapabilities https://beta.nowcast.noaa.gov/geoserver/model_guidance/leo0fs/ows?SERVICE=WMS&VERSION=1.3.0&REQUEST=GetCapabilities https://beta.nowcast.noaa.gov/geoserver/model_guidance/lm0fs/ows?SERVICE=WMS&VERSION=1.3.0&REQUEST=GetCapabilities https://beta.nowcast.noaa.gov/geoserver/model_guidance/lm0fs/ows?SERVICE=WMS&VERSION=1.3.0&REQUEST=GetCapabilities https://beta.nowcast.noaa.gov/geoserver/model_guidance/ng0fs/ows?SERVICE=WMS&VERSION=1.3.0&REQUEST=GetCapabilities https://beta.nowcast.noaa.gov/geoserver/model_guidance/ny0fs/ows?SERVICE=WMS&VERSION=1.3.0&REQUEST=GetCapabilities	Not available
NWS Weather Radar Base Reflectivity Mosais for CONUS, HI, PR, & Alaska	https://nowcast.noaa.gov/arcgis/rest/services/nowcast/radar_meteo_imagery_nerad_time/MapServer	https://beta.nowcast.noaa.gov/geoserver/observations/weather_radar/ows?SERVICE=WMS&VERSION=1.3.0&REQUEST=GetCapabilities	https://mapservices.weather.noaa.gov/evendtrnd/rest/services/radar/radar_base_reflectivity/MapServer
NWS/NCEP Global Real-Time Ocean Forecast System (GRTOPS) forecast guidance of surface water currents	https://nowcast.noaa.gov/arcgis/rest/services/nowcast/guidance_model_ocean_grtops_time/MapServer	https://beta.nowcast.noaa.gov/geoserver/model_guidance/gtrtops/ows?SERVICE=WMS&VERSION=1.3.0&REQUEST=GetCapabilities	Not available
NWS watches, warnings, and advisories for land areas and coastal waters	https://nowcast.noaa.gov/arcgis/rest/services/nowcast/www_meteorceanhydro_longduration_hazards_time/MapServer https://nowcast.noaa.gov/arcgis/rest/services/nowcast/www_meteorceanhydro_shoruration_hazards_warnings_time/MapServer https://nowcast.noaa.gov/arcgis/rest/services/nowcast/www_meteorceanhydro_shoruration_hazards_watches_time/MapServer	https://beta.nowcast.noaa.gov/geoserver/hazards/alerts/ows?SERVICE=WMS&VERSION=1.3.0&REQUEST=GetCapabilities	https://mapservices.weather.noaa.gov/evendtrnd/rest/services/WWA/watch_warn_adv/MapServer
NWS/National Hurricane Center & Central Pacific Hurricane Center tropical cyclone forecast information and best track	https://nowcast.noaa.gov/arcgis/rest/services/nowcast/www_meteorcean_tropicalcyclones_trackingbesttrack_time/MapServer	https://beta.nowcast.noaa.gov/geoserver/hazards/tropical_cyclones/ows?SERVICE=WMS&VERSION=1.3.0&REQUEST=GetCapabilities	https://mapservices.weather.noaa.gov/tropical/rest/services/tropical/NHC_tropical_weather/MapServer
NWS/NHC Potential Storm Surge Flooding Maps	https://nowcast.noaa.gov/arcgis/rest/services/nowcast/www_meteorcean_tropicalcyclones_inundation/MapServer	https://beta.nowcast.noaa.gov/geoserver/hazards/tropical_storm_surge/ows?SERVICE=WMS&VERSION=1.3.0&REQUEST=GetCapabilities	https://mapservices.weather.noaa.gov/tropical/rest/services/tropical/NHC_tropical_weather/MapServer
NESDIS Global Mosaic of Geostationary Satellite Imagery (GMGS)	https://nowcast.noaa.gov/arcgis/rest/services/nowcast/sat_meteo_imagery_time/MapServer	https://beta.nowcast.noaa.gov/geoserver/observations/satellite/ows?SERVICE=WMS&VERSION=1.3.0&REQUEST=GetCapabilities	Not available
NWS NDFD Weather and Marine Weather Forecasts (land and coastal waters)	https://nowcast.noaa.gov/arcgis/rest/services/nowcast/forecast_meteorceanhydro_sfc_ndfd_time/MapServer	https://beta.nowcast.noaa.gov/geoserver/forecasts/ndfd_waves/ows?SERVICE=WMS&VERSION=1.3.0&REQUEST=GetCapabilities https://beta.nowcast.noaa.gov/geoserver/forecasts/ndfd_moisture/ows?SERVICE=WMS&VERSION=1.3.0&REQUEST=GetCapabilities https://beta.nowcast.noaa.gov/geoserver/forecasts/ndfd_wind/ows?SERVICE=WMS&VERSION=1.3.0&REQUEST=GetCapabilities https://beta.nowcast.noaa.gov/geoserver/forecasts/ndfd_temperature/ows?SERVICE=WMS&VERSION=1.3.0&REQUEST=GetCapabilities https://beta.nowcast.noaa.gov/geoserver/forecasts/ndfd_precipitation/ows?SERVICE=WMS&VERSION=1.3.0&REQUEST=GetCapabilities https://beta.nowcast.noaa.gov/geoserver/forecasts/ndfd_sky/ows?SERVICE=WMS&VERSION=1.3.0&REQUEST=GetCapabilities	https://mapservices.weather.noaa.gov/raster/rest/services/NDFD/NDFD_temp/MapServer
NOS/Surge and Tide Operational Forecast System (STOFS2D) water level forecast guidance	https://nowcast.noaa.gov/arcgis/rest/services/nowcast/guidance_model_coastalocan_st0fs_time/MapServer	Not available yet	Not available
(Previously called the Global Extratropical Surge and Tide Operational Forecast System)			
NOS Coastal & Great Lakes Operational Forecast Systems forecast guidance of surface water temperature, water levels, and salinity	https://nowcast.noaa.gov/arcgis/rest/services/nowcast/guidance_model_coastalocan_cb0fs_time/MapServer https://nowcast.noaa.gov/arcgis/rest/services/nowcast/guidance_model_coastalocan_db0fs_time/MapServer https://nowcast.noaa.gov/arcgis/rest/services/nowcast/guidance_model_coastalocan_g0m0fs_time/MapServer https://nowcast.noaa.gov/arcgis/rest/services/nowcast/guidance_model_coastalocan_ib0fs_time/MapServer https://nowcast.noaa.gov/arcgis/rest/services/nowcast/guidance_model_coastalocan_sb0fs_time/MapServer https://nowcast.noaa.gov/arcgis/rest/services/nowcast/guidance_model_greatlakes_ib0fs_time/MapServer https://nowcast.noaa.gov/arcgis/rest/services/nowcast/guidance_model_greatlakes_lm0fs_time/MapServer https://nowcast.noaa.gov/arcgis/rest/services/nowcast/guidance_model_greatlakes_lm0fs_time/MapServer https://nowcast.noaa.gov/arcgis/rest/services/nowcast/guidance_model_coastalocan_ngo0fs_time/MapServer https://nowcast.noaa.gov/arcgis/rest/services/nowcast/guidance_model_coastalocan_ny0fs_time/MapServer	Not available yet	Not available
NOAA Vibrio vulnificus probability forecast guidance	https://nowcast.noaa.gov/arcgis/rest/services/nowcast/guidance_model_coastalocan_pathogen_time/MapServer	Not available yet	Not available
NESDIS GOES-WEST & GOES-EAST imagery	https://nowcast.noaa.gov/arcgis/rest/services/nowcast/sat_meteo_imagery_time/MapServer	Not available yet	Not available
NWS/NCEP Global Real-Time Ocean Forecast System (GRTOPS) forecast guidance of water temperatures, water levels, and salinity	https://nowcast.noaa.gov/arcgis/rest/services/nowcast/guidance_model_ocean_grtops_time/MapServer	Not available yet	Not available
NWS/Storm Prediction Center Convective Outlooks	https://nowcast.noaa.gov/arcgis/rest/services/nowcast/guidance_patenters_meteorceanhydro_outlooks_time/MapServer	Discontinued	https://mapservices.weather.noaa.gov/vector/rest/services/outlooks/SPC_wx_outlks/MapServer
NWS/Storm Prediction Center Fire Weather Outlooks	https://nowcast.noaa.gov/arcgis/rest/services/nowcast/guidance_patenters_meteorceanhydro_outlooks_time/MapServer	Discontinued	https://mapservices.weather.noaa.gov/vector/rest/services/fire_weather/SPC_firewx/MapServer
NWS Marine Warnings for offshore marine forecast zones	https://nowcast.noaa.gov/arcgis/rest/services/nowcast/www_meteorceanhydro_longduration_hazards_time/MapServer	Not available yet	https://mapservices.weather.noaa.gov/evendtrnd/rest/services/WWA/watch_warn_adv/MapServer
Hourly surface weather and marine weather observations from airports, buoys, ships & coastal stations	https://nowcast.noaa.gov/arcgis/rest/services/nowcast/obs_meteorcean_instbu_sfc_time/MapServer	Not available yet	Not available
Satellite emulated lightning strike density data supplied by NWS/Ocean Prediction Center	https://nowcast.noaa.gov/arcgis/rest/services/nowcast/sat_meteo_emulated_imagery_lightningstrikebydensity Goes_time/MapServer	Not available yet	Not available
NWS/Real-Time Mesoscale Analysis (RTMA) System hourly surface weather analyses	https://nowcast.noaa.gov/arcgis/rest/services/nowcast/analysis_meteo_hydro_sfc_rtm_time/MapServer	Not available yet	Not available
NWS/Multi-Radar Multi-Sensor System (MRMS) Quantitative Precipitation Estimates (QPEs)	https://nowcast.noaa.gov/arcgis/rest/services/nowcast/analysis_meteo_hydro_sfc_qpe_time/MapServer	Not available yet	Not available
NWS/NCEP Daily Global Near-Surface Temperature Analysis (NSST)	https://nowcast.noaa.gov/arcgis/rest/services/nowcast/analysis_ocean_sfc_sst_time/MapServer	Not available yet	Not available
NASA/SPoRT Twice Daily North America SST Composite	https://nowcast.noaa.gov/arcgis/rest/services/nowcast/analysis_ocean_sfc_sst_time/MapServer	Not available yet	Not available
NWS, USCG, USACE, & NAS administrative boundaries U.S., Canadian, & Mexico (counties, towns, province) political boundaries	https://nowcast.noaa.gov/arcgis/rest/services/nowcast/mapoverlay_admin_fedgov/MapServer	Not available yet	https://mapservices.weather.noaa.gov/static/rest/services/nws_reference_maps/nws_reference_map/MapServer
Geo-referenced hyperlinks to point forecast guidance from NOS and NWS forecast models	https://nowcast.noaa.gov/arcgis/rest/services/nowcast/guidance_model_coastalocan_cb0fs_time/MapServer	Services for some of the boundaries will be discontinued	Not available
Geo-referenced hyperlinks to NOS tide predictions	https://nowcast.noaa.gov/arcgis/rest/services/nowcast/guidance_model_coastalocan_cb0fs_time/MapServer	Not available yet	Not available
Geo-referenced hyperlinks to surface weather and marine weather observations	https://nowcast.noaa.gov/arcgis/rest/services/nowcast/obs_meteorceanhydro_instbu_pts_geolinks/MapServer	Not available yet	Not available
Geo-referenced hyperlinks to USGS river gauge observations	https://nowcast.noaa.gov/arcgis/rest/services/nowcast/obs_meteorceanhydro_instbu_pts_geolinks/MapServer	Not available yet	Not available
Geo-referenced hyperlinks to airport aviation weather forecasts (TAF)	https://nowcast.noaa.gov/arcgis/rest/services/nowcast/forecast_meteorceanhydro_pts_zones_geolinks/MapServer	Not available yet	Not available
Geo-referenced hyperlinks to NWS fire weather zone forecasts	https://nowcast.noaa.gov/arcgis/rest/services/nowcast/forecast_meteorceanhydro_pts_zones_geolinks/MapServer	Not available yet	https://mapservices.weather.noaa.gov/static/rest/services/nws_reference_maps/nws_reference_map/MapServer
Geo-referenced hyperlinks to state agency air quality forecasts for cities	https://nowcast.noaa.gov/arcgis/rest/services/nowcast/forecast_meteorceanhydro_pts_zones_geolinks/MapServer	Discontinued	Not available