

December 28, 2019

There are two geoservices by idpgis: arcgis and geoserver. NOAA has a general license agreement with Esri that provides NCO an arcgis server, and NCO also has a license for a Geoserver (uppercase) license. Only the geoserver allows the MapServer/{sublayer id} pathing. For arcgis, you have to provide a keyword on how to use the provided layer id. For example, this is simply &layer=show:0 to show only layer 0. [Here is the Esri documentation for export requests.](#)

Regarding what layers are on what service – appears geoserver generally is for weather data and arcgis for base layers, overlays, and non-NWS data. But, this generalization is not consistent with warnings and other layers.