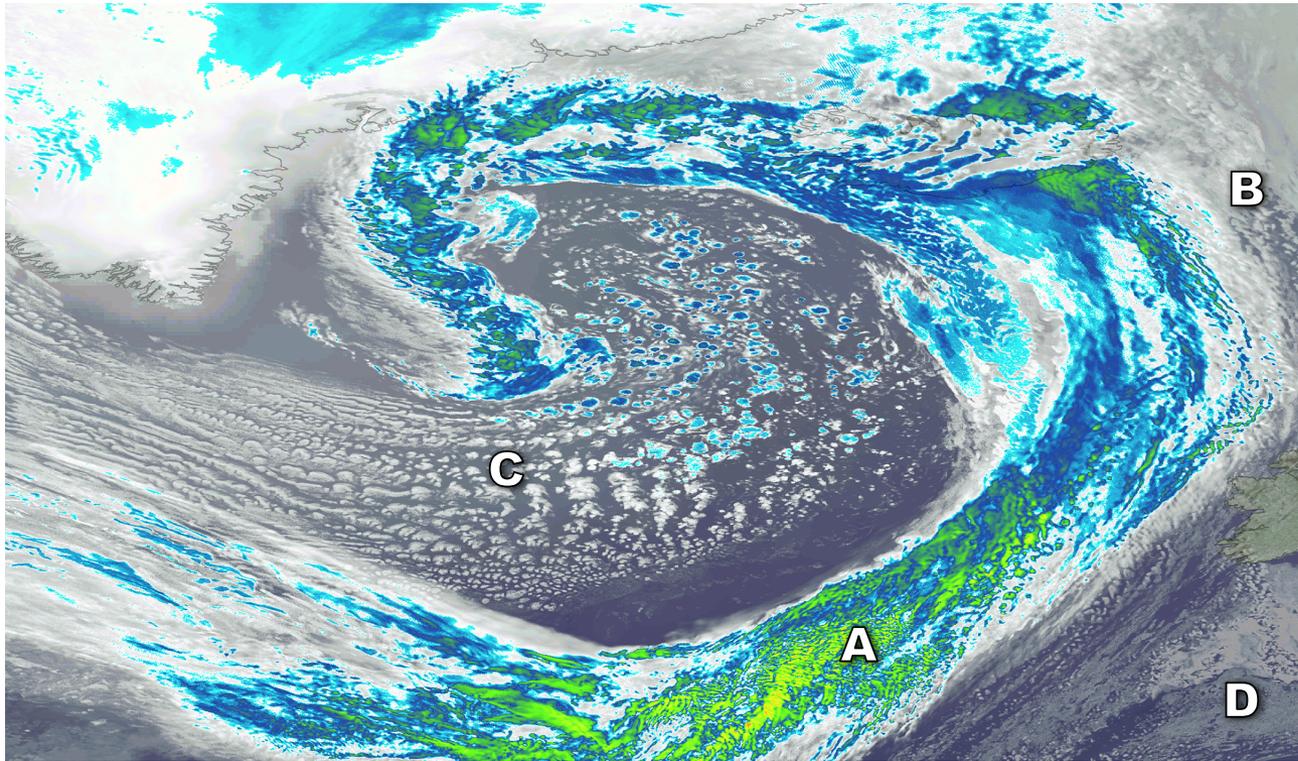




An Icelandic Low Spins in the North Atlantic



This image comes from a 1.5-km simulation with the GEOS model in April of 2017 where an Icelandic low intensifies producing several characteristic cloud types. As storms exit the east coast of the United States they drift across the north Atlantic Ocean intensifying in an area between Greenland and Iceland developing into what are known as Icelandic Lows.

In this infrared scene of clouds from GEOS, deep cumulus clouds develop at point **A** along the frontal boundary feeding into low pressure system. Thin high cirrus clouds are blown off of the system ahead of the low at point **B**. Shallow stratocumulus clouds form around point **C** in streets and gyres oriented with the winds near the surface behind the front. Thick marine stratus clouds are seen at point **D** in the warm air near the surface ahead of the system.