

Ice Type: This quantity provides a rough estimate of the predominant type of icing (rime, mixed or clear) likely to be encountered within a given model grid column (45km or 15 km, depending on which domain (1 or 2) that the quantity is represented on. This diagnostic is currently only based upon a preliminary temperature criterion which may need to be adjusted somewhat for Arctic application, so this field should be interpreted with extreme caution and be viewed only as an experimental product.

Values near zero represent predominantly rime icing, values near 1 predominantly clear icing, with various mixed icing in between these extremes. Here, to depict a total column ice type, we show the median value of the ice type parameter from the individual layers examined by the algorithm. Note that as a result, *there is the possibility that a different ice type could predominate within individual layers of the atmosphere and thus not be reflected in the column quantity shown here.* Therefore, we again emphasize that this field should currently be interpreted with caution.