



# GRAPHICAL NZ SIGWX

Graphical New Zealand Significant Weather Chart

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*(Graphical New Zealand Significant Weather Chart)*

MetService meteorologists take satellite and radar imagery, upper-air and ground observations, plus weather model data from a variety of sources and form a mental picture of what the weather is like for our customers, then turn that picture into a written forecast. The development of the Graphical NZ SIGWX chart means that forecasters can now share their weather 'picture' directly with customers.

The Graphical NZ SIGWX chart is a visual representation showing the forecast location of turbulence, mountain waves, CBs, icing and significant volcanic activity within the NZZC FIR, and will indicate when a phenomenon may become severe. An additional text Situation Statement is available if required.

As shown in the footer at the bottom right of the chart, the Graphical NZ SIGWX chart will be issued three times a day, with a validity period of 12 hours to ensure continuous coverage over the day, and will be available with three flight level options – SFC to FL410; SFC to FL250; and SFC to FL100.

All times will be stated in UTC. Charts may be amended at any time, in which case an indication showing the amendment is displayed in the footer.

The key at the top left of the chart explains the symbols used on the labels and the shading that indicates the extent of each of the forecast phenomena. Labels also provide information about the vertical extent of each forecast phenomenon and how it is expected to develop over time.

The bottom left of the chart gives additional information on how the chart is to be used, including the importance of referring to the Graphical SIGMET Monitor (GSM) for detailed SIGMET information.

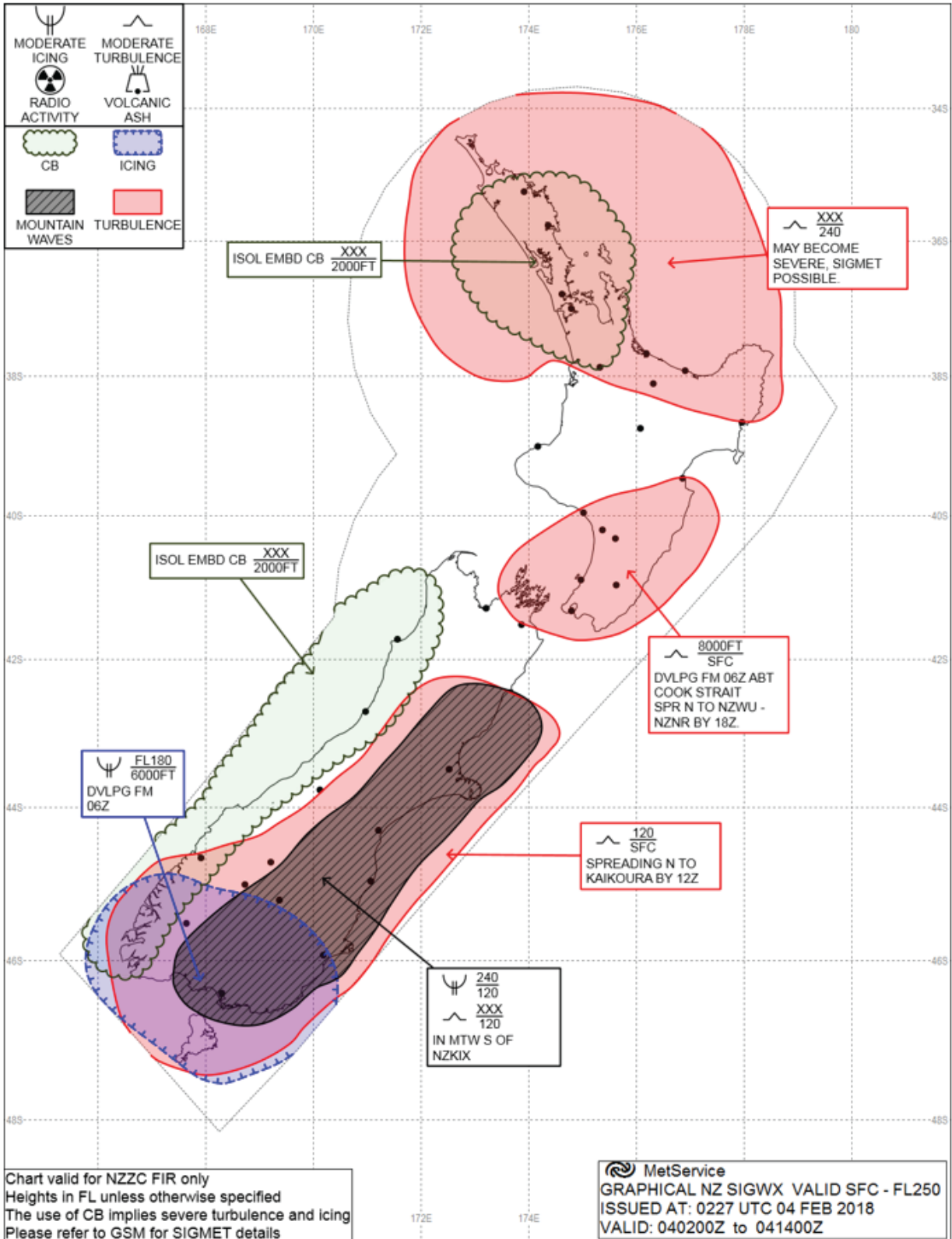
View the MetService Graphical NZ SIGWX introductory video

<https://bcove.video/2Fcx1IG>

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