

m	1	2	3	4	5	6	7	8	9	10	11	12
a	7.072	7.896	8.558	7.988	7.464	6.728	6.080	6.270	6.786	8.670	8.892	7.936
b	0.124	0.152	0.160	0.128	0.100	0.065	0.039	0.044	0.067	0.137	0.160	0.147

Table 1: Coefficients for the 50th percentile melting level altitude (z_{melt}) climatology over the CONUS used for GridRad.Viewer plots. The melting level altitude as a function of latitude y (in degrees North) for a given month m is given as $z_{\text{melt}} = a(m) - b(m)*y$.

m	1	2	3	4	5	6	7	8	9	10	11	12
a	10.638	11.007	10.118	9.488	9.664	9.642	9.692	9.882	10.261	10.363	10.544	10.560
b	0.133	0.149	0.116	0.086	0.077	0.060	0.051	0.056	0.076	0.094	0.115	0.129

Table 2: Coefficients for the 50th percentile -20°C level altitude ($z_{\text{m}20}$) climatology over the CONUS used for GridRad.Viewer plots. The -20°C level altitude as a function of latitude y (in degrees North) for a given month m is given as $z_{\text{m}20} = a(m) - b(m)*y$.