```
1:Geopotential Height:gpm (instant):lambert:isobaricInhPa:level 5000 Pa:fcst time 0 hrs:from 201608051200
2:Temperature:K (instant):lambert:isobaricInhPa:level 5000 Pa:fcst time 0 hrs:from 201608051200
3:Relative humidity:% (instant):lambert:isobaricInhPa:level 5000 Pa:fcst time 0 hrs:from 201608051200
4:Dew point temperature:K (instant):lambert:isobaricInhPa:level 5000 Pa:fcst time 0 hrs:from 201608051200
5:Specific humidity:kg kg**-1 (instant):lambert:isobaricInhPa:level 5000 Pa:fcst time 0 hrs:from 201608051200
6:Vertical velocity:Pa s**-1 (instant):lambert:isobaricInhPa:level 5000 Pa:fcst time 0 hrs:from 201608051200
7:U component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 5000 Pa:fcst time 0 hrs:from 201608051200
8:V component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 5000 Pa:fcst time 0 hrs:from 201608051200
9:Absolute vorticity:s**-1 (instant):lambert:isobaricInhPa:level 5000 Pa:fcst time 0 hrs:from 201608051200
10:Cloud mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 5000 Pa:fcst time 0 hrs:from 201608051200
11:Cloud Ice:kg m**-2 (instant):lambert:isobaricInhPa:level 5000 Pa:fcst time 0 hrs:from 201608051200
12:Rain mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 5000 Pa:fcst time 0 hrs:from 201608051200
13:Snow mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 5000 Pa:fcst time 0 hrs:from 201608051200
14:Graupel (snow pellets):kg kg**-1 (instant):lambert:isobaricInhPa:level 5000 Pa:fcst time 0 hrs:from 201608051200
15:Geopotential Height:gpm (instant):lambert:isobaricInhPa:level 7500 Pa:fcst time 0 hrs:from 201608051200
16:Temperature:K (instant):lambert:isobaricInhPa:level 7500 Pa:fcst time 0 hrs:from 201608051200
17:Relative humidity:% (instant):lambert:isobaricInhPa:level 7500 Pa:fcst time 0 hrs:from 201608051200
18:Dew point temperature:K (instant):lambert:isobaricInhPa:level 7500 Pa:fcst time 0 hrs:from 201608051200
19:Specific humidity:kg kg**-1 (instant):lambert:isobaricInhPa:level 7500 Pa:fcst time 0 hrs:from 201608051200
20:Vertical velocity:Pa s**-1 (instant):lambert:isobaricInhPa:level 7500 Pa:fcst time 0 hrs:from 201608051200
21:U component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 7500 Pa:fcst time 0 hrs:from 201608051200
22:V component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 7500 Pa:fcst time 0 hrs:from 201608051200
23:Absolute vorticity:s**-1 (instant):lambert:isobaricInhPa:level 7500 Pa:fcst time 0 hrs:from 201608051200
24:Cloud mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 7500 Pa:fcst time 0 hrs:from 201608051200
25:Cloud Ice:kg m**-2 (instant):lambert:isobaricInhPa:level 7500 Pa:fcst time 0 hrs:from 201608051200
26:Rain mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 7500 Pa:fcst time 0 hrs:from 201608051200
27:Snow mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 7500 Pa:fcst time 0 hrs:from 201608051200
28:Graupel (snow pellets):kg kg**-1 (instant):lambert:isobaricInhPa:level 7500 Pa:fcst time 0 hrs:from 201608051200
29:Geopotential Height:gpm (instant):lambert:isobaricInhPa:level 10000 Pa:fcst time 0 hrs:from 201608051200
30:Temperature:K (instant):lambert:isobaricInhPa:level 10000 Pa:fcst time 0 hrs:from 201608051200
31:Relative humidity:% (instant):lambert:isobaricInhPa:level 10000 Pa:fcst time 0 hrs:from 201608051200
32:Dew point temperature:K (instant):lambert:isobaricInhPa:level 10000 Pa:fcst time 0 hrs:from 201608051200
33:Specific humidity:kg kg**-1 (instant):lambert:isobaricInhPa:level 10000 Pa:fcst time 0 hrs:from 201608051200
34:Vertical velocity:Pa s**-1 (instant):lambert:isobaricInhPa:level 10000 Pa:fcst time 0 hrs:from 201608051200
35:U component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 10000 Pa:fcst time 0 hrs:from 201608051200
36:V component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 10000 Pa:fcst time 0 hrs:from 201608051200
37:Absolute vorticity:s**-1 (instant):lambert:isobaricInhPa:level 10000 Pa:fcst time 0 hrs:from 201608051200
38:Cloud mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 10000 Pa:fcst time 0 hrs:from 201608051200
39:Cloud Ice:kg m**-2 (instant):lambert:isobaricInhPa:level 10000 Pa:fcst time 0 hrs:from 201608051200
40:Rain mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 10000 Pa:fcst time 0 hrs:from 201608051200
41:Snow mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 10000 Pa:fcst time 0 hrs:from 201608051200
42:Graupel (snow pellets):kg kg**-1 (instant):lambert:isobaricInhPa:level 10000 Pa:fcst time 0 hrs:from 201608051200
43:Geopotential Height:gpm (instant):lambert:isobaricInhPa:level 12500 Pa:fcst time 0 hrs:from 201608051200
44:Temperature:K (instant):lambert:isobaricInhPa:level 12500 Pa:fcst time 0 hrs:from 201608051200
45:Relative humidity:% (instant):lambert:isobaricInhPa:level 12500 Pa:fcst time 0 hrs:from 201608051200
46:Dew point temperature:K (instant):lambert:isobaricInhPa:level 12500 Pa:fcst time 0 hrs:from 201608051200
47:Specific humidity:kg kg**-1 (instant):lambert:isobaricInhPa:level 12500 Pa:fcst time 0 hrs:from 201608051200
48:Vertical velocity:Pa s**-1 (instant):lambert:isobaricInhPa:level 12500 Pa:fcst time 0 hrs:from 201608051200
49:U component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 12500 Pa:fcst time 0 hrs:from 201608051200
50:V component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 12500 Pa:fcst time 0 hrs:from 201608051200
51:Absolute vorticity:s**-1 (instant):lambert:isobaricInhPa:level 12500 Pa:fcst time 0 hrs:from 201608051200
52:Cloud mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 12500 Pa:fcst time 0 hrs:from 201608051200
53:Cloud Ice:kg m**-2 (instant):lambert:isobaricInhPa:level 12500 Pa:fcst time 0 hrs:from 201608051200
```

```
54:Rain mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 12500 Pa:fcst time 0 hrs:from 201608051200
55:Snow mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 12500 Pa:fcst time 0 hrs:from 201608051200
56:Graupel (snow pellets):kg kg**-1 (instant):lambert:isobaricInhPa:level 12500 Pa:fcst time 0 hrs:from 201608051200
57:Geopotential Height:gpm (instant):lambert:isobaricInhPa:level 15000 Pa:fcst time 0 hrs:from 201608051200
58:Temperature:K (instant):lambert:isobaricInhPa:level 15000 Pa:fcst time 0 hrs:from 201608051200
59:Relative humidity:% (instant):lambert:isobaricInhPa:level 15000 Pa:fcst time 0 hrs:from 201608051200
60:Dew point temperature: K (instant):lambert:isobaricInhPa:level 15000 Pa:fcst time 0 hrs:from 201608051200
61:Specific humidity:kg kg**-1 (instant):lambert:isobaricInhPa:level 15000 Pa:fcst time 0 hrs:from 201608051200
62:Vertical velocity:Pa s**-1 (instant):lambert:isobaricInhPa:level 15000 Pa:fcst time 0 hrs:from 201608051200
63:U component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 15000 Pa:fcst time 0 hrs:from 201608051200
64:V component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 15000 Pa:fcst time 0 hrs:from 201608051200
65:Absolute vorticity:s**-1 (instant):lambert:isobaricInhPa:level 15000 Pa:fcst time 0 hrs:from 201608051200
66:Cloud mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 15000 Pa:fcst time 0 hrs:from 201608051200
67:Cloud Ice:kg m**-2 (instant):lambert:isobaricInhPa:level 15000 Pa:fcst time 0 hrs:from 201608051200
68:Rain mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 15000 Pa:fcst time 0 hrs:from 201608051200
69:Snow mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 15000 Pa:fcst time 0 hrs:from 201608051200
70:Graupel (snow pellets):kg kg**-1 (instant):lambert:isobaricInhPa:level 15000 Pa:fcst time 0 hrs:from 201608051200
71:Geopotential Height:gpm (instant):lambert:isobaricInhPa:level 17500 Pa:fcst time 0 hrs:from 201608051200
72:Temperature:K (instant):lambert:isobaricInhPa:level 17500 Pa:fcst time 0 hrs:from 201608051200
73:Relative humidity:% (instant):lambert:isobaricInhPa:level 17500 Pa:fcst time 0 hrs:from 201608051200
74:Dew point temperature:K (instant):lambert:isobaricInhPa:level 17500 Pa:fcst time 0 hrs:from 201608051200
75:Specific humidity:kg kg**-1 (instant):lambert:isobaricInhPa:level 17500 Pa:fcst time 0 hrs:from 201608051200
76:Vertical velocity:Pa s**-1 (instant):lambert:isobaricInhPa:level 17500 Pa:fcst time 0 hrs:from 201608051200
77:U component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 17500 Pa:fcst time 0 hrs:from 201608051200
78:V component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 17500 Pa:fcst time 0 hrs:from 201608051200
79:Absolute vorticity:s**-1 (instant):lambert:isobaricInhPa:level 17500 Pa:fcst time 0 hrs:from 201608051200
80:Cloud mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 17500 Pa:fcst time 0 hrs:from 201608051200
81:Cloud Ice:kg m**-2 (instant):lambert:isobaricInhPa:level 17500 Pa:fcst time 0 hrs:from 201608051200
82:Rain mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 17500 Pa:fcst time 0 hrs:from 201608051200
83:Snow mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 17500 Pa:fcst time 0 hrs:from 201608051200
84:Graupel (snow pellets):kg kg**-1 (instant):lambert:isobaricInhPa:level 17500 Pa:fcst time 0 hrs:from 201608051200
85:Geopotential Height:gpm (instant):lambert:isobaricInhPa:level 20000 Pa:fcst time 0 hrs:from 201608051200
86:Temperature:K (instant):lambert:isobaricInhPa:level 20000 Pa:fcst time 0 hrs:from 201608051200
87:Relative humidity:% (instant):lambert:isobaricInhPa:level 20000 Pa:fcst time 0 hrs:from 201608051200
88:Dew point temperature:K (instant):lambert:isobaricInhPa:level 20000 Pa:fcst time 0 hrs:from 201608051200
89:Specific humidity:kg kg**-1 (instant):lambert:isobaricInhPa:level 20000 Pa:fcst time 0 hrs:from 201608051200
90:Vertical velocity:Pa s**-1 (instant):lambert:isobaricInhPa:level 20000 Pa:fcst time 0 hrs:from 201608051200
91:U component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 20000 Pa:fcst time 0 hrs:from 201608051200
92:V component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 20000 Pa:fcst time 0 hrs:from 201608051200
93:Absolute vorticity:s**-1 (instant):lambert:isobaricInhPa:level 20000 Pa:fcst time 0 hrs:from 201608051200
94:Cloud mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 20000 Pa:fcst time 0 hrs:from 201608051200
95:Cloud Ice:kg m**-2 (instant):lambert:isobaricInhPa:level 20000 Pa:fcst time 0 hrs:from 201608051200
96:Rain mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 20000 Pa:fcst time 0 hrs:from 201608051200
97:Snow mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 20000 Pa:fcst time 0 hrs:from 201608051200
98:Graupel (snow pellets):kg kg**-1 (instant):lambert:isobaricInhPa:level 20000 Pa:fcst time 0 hrs:from 201608051200
99:Geopotential Height:gpm (instant):lambert:isobaricInhPa:level 22500 Pa:fcst time 0 hrs:from 201608051200
100:Temperature:K (instant):lambert:isobaricInhPa:level 22500 Pa:fcst time 0 hrs:from 201608051200
101:Relative humidity:% (instant):lambert:isobaricInhPa:level 22500 Pa:fcst time 0 hrs:from 201608051200
102:Dew point temperature:K (instant):lambert:isobaricInhPa:level 22500 Pa:fcst time 0 hrs:from 201608051200
103:Specific humidity:kg kg**-1 (instant):lambert:isobaricInhPa:level 22500 Pa:fcst time 0 hrs:from 201608051200
104:Vertical velocity:Pa s**-1 (instant):lambert:isobaricInhPa:level 22500 Pa:fcst time 0 hrs:from 201608051200
105:U component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 22500 Pa:fcst time 0 hrs:from 201608051200
106:V component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 22500 Pa:fcst time 0 hrs:from 201608051200
107:Absolute vorticity:s**-1 (instant):lambert:isobaricInhPa:level 22500 Pa:fcst time 0 hrs:from 201608051200
```

```
108:Cloud mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 22500 Pa:fcst time 0 hrs:from 201608051200
109:Cloud Ice:kg m**-2 (instant):lambert:isobaricInhPa:level 22500 Pa:fcst time 0 hrs:from 201608051200
110:Rain mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 22500 Pa:fcst time 0 hrs:from 201608051200
111:Snow mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 22500 Pa:fcst time 0 hrs:from 201608051200
112:Graupel (snow pellets):kg kg**-1 (instant):lambert:isobaricInhPa:level 22500 Pa:fcst time 0 hrs:from
201608051200
113:Geopotential Height:gpm (instant):lambert:isobaricInhPa:level 25000 Pa:fcst time 0 hrs:from 201608051200
114:Temperature:K (instant):lambert:isobaricInhPa:level 25000 Pa:fcst time 0 hrs:from 201608051200
115:Relative humidity:% (instant):lambert:isobaricInhPa:level 25000 Pa:fcst time 0 hrs:from 201608051200
116:Dew point temperature:K (instant):lambert:isobaricInhPa:level 25000 Pa:fcst time 0 hrs:from 201608051200
117:Specific humidity:kg kg**-1 (instant):lambert:isobaricInhPa:level 25000 Pa:fcst time 0 hrs:from 201608051200
118:Vertical velocity:Pa s**-1 (instant):lambert:isobaricInhPa:level 25000 Pa:fcst time 0 hrs:from 201608051200
119:U component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 25000 Pa:fcst time 0 hrs:from 201608051200
120:V component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 25000 Pa:fcst time 0 hrs:from 201608051200
121:Absolute vorticity:s**-1 (instant):lambert:isobaricInhPa:level 25000 Pa:fcst time 0 hrs:from 201608051200
122:Cloud mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 25000 Pa:fcst time 0 hrs:from 201608051200
123:Cloud Ice:kg m**-2 (instant):lambert:isobaricInhPa:level 25000 Pa:fcst time 0 hrs:from 201608051200
124:Rain mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 25000 Pa:fcst time 0 hrs:from 201608051200
125:Snow mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 25000 Pa:fcst time 0 hrs:from 201608051200
126:Graupel (snow pellets):kg kg**-1 (instant):lambert:isobaricInhPa:level 25000 Pa:fcst time 0 hrs:from
201608051200
127:Geopotential Height:gpm (instant):lambert:isobaricInhPa:level 27500 Pa:fcst time 0 hrs:from 201608051200
128:Temperature:K (instant):lambert:isobaricInhPa:level 27500 Pa:fcst time 0 hrs:from 201608051200
129:Relative humidity;% (instant):lambert:isobaricInhPa:level 27500 Pa:fcst time 0 hrs:from 201608051200
130:Dew point temperature:K (instant):lambert:isobaricInhPa:level 27500 Pa:fcst time 0 hrs:from 201608051200
131:Specific humidity:kg kg**-1 (instant):lambert:isobaricInhPa:level 27500 Pa:fcst time 0 hrs:from 201608051200
132:Vertical velocity:Pa s**-1 (instant):lambert:isobaricInhPa:level 27500 Pa:fcst time 0 hrs:from 201608051200
133:U component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 27500 Pa:fcst time 0 hrs:from 201608051200
134:V component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 27500 Pa:fcst time 0 hrs:from 201608051200
135:Absolute vorticity:s**-1 (instant):lambert:isobaricInhPa:level 27500 Pa:fcst time 0 hrs:from 201608051200
136:Cloud mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 27500 Pa:fcst time 0 hrs:from 201608051200
137:Cloud Ice:kg m**-2 (instant):lambert:isobaricInhPa:level 27500 Pa:fcst time 0 hrs:from 201608051200
138:Rain mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 27500 Pa:fcst time 0 hrs:from 201608051200
139:Snow mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 27500 Pa:fcst time 0 hrs:from 201608051200
140:Graupel (snow pellets):kg kg**-1 (instant):lambert:isobaricInhPa:level 27500 Pa:fcst time 0 hrs:from
201608051200
141:Geopotential Height:gpm (instant):lambert:isobaricInhPa:level 30000 Pa:fcst time 0 hrs:from 201608051200
142:Temperature:K (instant):lambert:isobaricInhPa:level 30000 Pa:fcst time 0 hrs:from 201608051200
143:Relative humidity:% (instant):lambert:isobaricInhPa:level 30000 Pa:fcst time 0 hrs:from 201608051200
144:Dew point temperature:K (instant):lambert:isobaricInhPa:level 30000 Pa:fcst time 0 hrs:from 201608051200
145:Specific humidity:kg kg**-1 (instant):lambert:isobaricInhPa:level 30000 Pa:fcst time 0 hrs:from 201608051200
146:Vertical velocity:Pa s**-1 (instant):lambert:isobaricInhPa:level 30000 Pa:fcst time 0 hrs:from 201608051200
147:U component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 30000 Pa:fcst time 0 hrs:from 201608051200
148:V component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 30000 Pa:fcst time 0 hrs:from 201608051200
149:Absolute vorticity:s**-1 (instant):lambert:isobaricInhPa:level 30000 Pa:fcst time 0 hrs:from 201608051200
150:Cloud mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 30000 Pa:fcst time 0 hrs:from 201608051200
151:Cloud Ice:kg m**-2 (instant):lambert:isobaricInhPa:level 30000 Pa:fcst time 0 hrs:from 201608051200
152:Rain mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 30000 Pa:fcst time 0 hrs:from 201608051200
153:Snow mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 30000 Pa:fcst time 0 hrs:from 201608051200
154:Graupel (snow pellets):kg kg**-1 (instant):lambert:isobaricInhPa:level 30000 Pa:fcst time 0 hrs:from
201608051200
```

155:Geopotential Height:gpm (instant):lambert:isobaricInhPa:level 32500 Pa:fcst time 0 hrs:from 201608051200

156:Temperature:K (instant):lambert:isobaricInhPa:level 32500 Pa:fcst time 0 hrs:from 201608051200 157:Relative humidity:% (instant):lambert:isobaricInhPa:level 32500 Pa:fcst time 0 hrs:from 201608051200

```
158:Dew point temperature:K (instant):lambert:isobaricInhPa:level 32500 Pa:fcst time 0 hrs:from 201608051200
159:Specific humidity:kg kg**-1 (instant):lambert:isobaricInhPa:level 32500 Pa:fcst time 0 hrs:from 201608051200
160:Vertical velocity:Pa s**-1 (instant):lambert:isobaricInhPa:level 32500 Pa:fcst time 0 hrs:from 201608051200
161:U component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 32500 Pa:fcst time 0 hrs:from 201608051200
162:V component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 32500 Pa:fcst time 0 hrs:from 201608051200
163:Absolute vorticity:s**-1 (instant):lambert:isobaricInhPa:level 32500 Pa:fcst time 0 hrs:from 201608051200
164:Cloud mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 32500 Pa:fcst time 0 hrs:from 201608051200
165:Cloud Ice:kg m**-2 (instant):lambert:isobaricInhPa:level 32500 Pa:fcst time 0 hrs:from 201608051200
166:Rain mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 32500 Pa:fcst time 0 hrs:from 201608051200
167:Snow mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 32500 Pa:fcst time 0 hrs:from 201608051200
168:Graupel (snow pellets):kg kg**-1 (instant):lambert:isobaricInhPa:level 32500 Pa:fcst time 0 hrs:from
201608051200
169:Geopotential Height:gpm (instant):lambert:isobaricInhPa:level 35000 Pa:fcst time 0 hrs:from 201608051200
170:Temperature:K (instant):lambert:isobaricInhPa:level 35000 Pa:fcst time 0 hrs:from 201608051200
171:Relative humidity:% (instant):lambert:isobaricInhPa:level 35000 Pa:fcst time 0 hrs:from 201608051200
172:Dew point temperature:K (instant):lambert:isobaricInhPa:level 35000 Pa:fcst time 0 hrs:from 201608051200
173:Specific humidity:kg kg**-1 (instant):lambert:isobaricInhPa:level 35000 Pa:fcst time 0 hrs:from 201608051200
174:Vertical velocity:Pa s**-1 (instant):lambert:isobaricInhPa:level 35000 Pa:fcst time 0 hrs:from 201608051200
175:U component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 35000 Pa:fcst time 0 hrs:from 201608051200
176:V component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 35000 Pa:fcst time 0 hrs:from 201608051200
177:Absolute vorticity:s**-1 (instant):lambert:isobaricInhPa:level 35000 Pa:fcst time 0 hrs:from 201608051200
178:Cloud mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 35000 Pa:fcst time 0 hrs:from 201608051200
179:Cloud Ice:kg m**-2 (instant):lambert:isobaricInhPa:level 35000 Pa:fcst time 0 hrs:from 201608051200
180:Rain mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 35000 Pa:fcst time 0 hrs:from 201608051200
181:Snow mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 35000 Pa:fcst time 0 hrs:from 201608051200
182:Graupel (snow pellets):kg kg**-1 (instant):lambert:isobaricInhPa:level 35000 Pa:fcst time 0 hrs:from
201608051200
183:Geopotential Height:gpm (instant):lambert:isobaricInhPa:level 37500 Pa:fcst time 0 hrs:from 201608051200
184:Temperature:K (instant):lambert:isobaricInhPa:level 37500 Pa:fcst time 0 hrs:from 201608051200
185:Relative humidity;% (instant):lambert:isobaricInhPa:level 37500 Pa:fcst time 0 hrs:from 201608051200
186:Dew point temperature:K (instant):lambert:isobaricInhPa:level 37500 Pa:fcst time 0 hrs:from 201608051200
187:Specific humidity:kg kg**-1 (instant):lambert:isobaricInhPa:level 37500 Pa:fcst time 0 hrs:from 201608051200
188: Vertical velocity: Pa s**-1 (instant): lambert: isobaricInhPa: level 37500 Pa: fcst time 0 hrs: from 201608051200
189:U component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 37500 Pa:fcst time 0 hrs:from 201608051200
190:V component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 37500 Pa:fcst time 0 hrs:from 201608051200
191:Absolute vorticity:s**-1 (instant):lambert:isobaricInhPa:level 37500 Pa:fcst time 0 hrs:from 201608051200
192:Cloud mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 37500 Pa:fcst time 0 hrs:from 201608051200
193:Cloud Ice:kg m**-2 (instant):lambert:isobaricInhPa:level 37500 Pa:fcst time 0 hrs:from 201608051200
194:Rain mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 37500 Pa:fcst time 0 hrs:from 201608051200
195:Snow mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 37500 Pa:fcst time 0 hrs:from 201608051200
196:Graupel (snow pellets):kg kg**-1 (instant):lambert:isobaricInhPa:level 37500 Pa:fcst time 0 hrs:from
201608051200
197:Geopotential Height:gpm (instant):lambert:isobaricInhPa:level 40000 Pa:fcst time 0 hrs:from 201608051200
198:Temperature:K (instant):lambert:isobaricInhPa:level 40000 Pa:fcst time 0 hrs:from 201608051200
199:Relative humidity:% (instant):lambert:isobaricInhPa:level 40000 Pa:fcst time 0 hrs:from 201608051200
200:Dew point temperature:K (instant):lambert:isobaricInhPa:level 40000 Pa:fcst time 0 hrs:from 201608051200
201:Specific humidity:kg kg**-1 (instant):lambert:isobaricInhPa:level 40000 Pa:fcst time 0 hrs:from 201608051200
202:Vertical velocity:Pa s**-1 (instant):lambert:isobaricInhPa:level 40000 Pa:fcst time 0 hrs:from 201608051200
203:U component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 40000 Pa:fcst time 0 hrs:from 201608051200
204:V component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 40000 Pa:fcst time 0 hrs:from 201608051200
205:Absolute vorticity:s**-1 (instant):lambert:isobaricInhPa:level 40000 Pa:fcst time 0 hrs:from 201608051200
206:Cloud mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 40000 Pa:fcst time 0 hrs:from 201608051200
207:Cloud Ice:kg m**-2 (instant):lambert:isobaricInhPa:level 40000 Pa:fcst time 0 hrs:from 201608051200
208:Rain mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 40000 Pa:fcst time 0 hrs:from 201608051200
```

```
209:Snow mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 40000 Pa:fcst time 0 hrs:from 201608051200
210:Graupel (snow pellets):kg kg**-1 (instant):lambert:isobaricInhPa:level 40000 Pa:fcst time 0 hrs:from
201608051200
211:Geopotential Height:gpm (instant):lambert:isobaricInhPa:level 42500 Pa:fcst time 0 hrs:from 201608051200
212:Temperature:K (instant):lambert:isobaricInhPa:level 42500 Pa:fcst time 0 hrs:from 201608051200
213:Relative humidity:% (instant):lambert:isobaricInhPa:level 42500 Pa:fcst time 0 hrs:from 201608051200
214:Dew point temperature:K (instant):lambert:isobaricInhPa:level 42500 Pa:fcst time 0 hrs:from 201608051200
215:Specific humidity:kg kg**-1 (instant):lambert:isobaricInhPa:level 42500 Pa:fcst time 0 hrs:from 201608051200
216:Vertical velocity:Pa s**-1 (instant):lambert:isobaricInhPa:level 42500 Pa:fcst time 0 hrs:from 201608051200
217:U component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 42500 Pa:fcst time 0 hrs:from 201608051200
218:V component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 42500 Pa:fcst time 0 hrs:from 201608051200
219:Absolute vorticity:s**-1 (instant):lambert:isobaricInhPa:level 42500 Pa:fcst time 0 hrs:from 201608051200
220:Cloud mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 42500 Pa:fcst time 0 hrs:from 201608051200
221:Cloud Ice:kg m**-2 (instant):lambert:isobaricInhPa:level 42500 Pa:fcst time 0 hrs:from 201608051200
222:Rain mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 42500 Pa:fcst time 0 hrs:from 201608051200
223:Snow mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 42500 Pa:fcst time 0 hrs:from 201608051200
224:Graupel (snow pellets):kg kg**-1 (instant):lambert:isobaricInhPa:level 42500 Pa:fcst time 0 hrs:from
201608051200
225:Geopotential Height:gpm (instant):lambert:isobaricInhPa:level 45000 Pa:fcst time 0 hrs:from 201608051200
226:Temperature:K (instant):lambert:isobaricInhPa:level 45000 Pa:fcst time 0 hrs:from 201608051200
227:Relative humidity:% (instant):lambert:isobaricInhPa:level 45000 Pa:fcst time 0 hrs:from 201608051200
228:Dew point temperature:K (instant):lambert:isobaricInhPa:level 45000 Pa:fcst time 0 hrs:from 201608051200
229:Specific humidity:kg kg**-1 (instant):lambert:isobaricInhPa:level 45000 Pa:fcst time 0 hrs:from 201608051200
230: Vertical velocity: Pa s**-1 (instant): lambert: isobaricInhPa: level 45000 Pa: fcst time 0 hrs: from 201608051200
231:U component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 45000 Pa:fcst time 0 hrs:from 201608051200
232:V component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 45000 Pa:fcst time 0 hrs:from 201608051200
233:Absolute vorticity:s**-1 (instant):lambert:isobaricInhPa:level 45000 Pa:fcst time 0 hrs:from 201608051200
234:Cloud mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 45000 Pa:fcst time 0 hrs:from 201608051200
235:Cloud Ice:kg m**-2 (instant):lambert:isobaricInhPa:level 45000 Pa:fcst time 0 hrs:from 201608051200
236:Rain mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 45000 Pa:fcst time 0 hrs:from 201608051200
237:Snow mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 45000 Pa:fcst time 0 hrs:from 201608051200
238:Graupel (snow pellets):kg kg**-1 (instant):lambert:isobaricInhPa:level 45000 Pa:fcst time 0 hrs:from
201608051200
239:Geopotential Height:gpm (instant):lambert:isobaricInhPa:level 47500 Pa:fcst time 0 hrs:from 201608051200
240:Temperature:K (instant):lambert:isobaricInhPa:level 47500 Pa:fcst time 0 hrs:from 201608051200
241:Relative humidity:% (instant):lambert:isobaricInhPa:level 47500 Pa:fcst time 0 hrs:from 201608051200
242:Dew point temperature:K (instant):lambert:isobaricInhPa:level 47500 Pa:fcst time 0 hrs:from 201608051200
243:Specific humidity:kg kg**-1 (instant):lambert:isobaricInhPa:level 47500 Pa:fcst time 0 hrs:from 201608051200
244:Vertical velocity:Pa s**-1 (instant):lambert:isobaricInhPa:level 47500 Pa:fcst time 0 hrs:from 201608051200
245:U component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 47500 Pa:fcst time 0 hrs:from 201608051200
246:V component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 47500 Pa:fcst time 0 hrs:from 201608051200
247:Absolute vorticity:s**-1 (instant):lambert:isobaricInhPa:level 47500 Pa:fcst time 0 hrs:from 201608051200
248:Cloud mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 47500 Pa:fcst time 0 hrs:from 201608051200
249:Cloud Ice:kg m**-2 (instant):lambert:isobaricInhPa:level 47500 Pa:fcst time 0 hrs:from 201608051200
250:Rain mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 47500 Pa:fcst time 0 hrs:from 201608051200
251:Snow mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 47500 Pa:fcst time 0 hrs:from 201608051200
252:Graupel (snow pellets):kg kg**-1 (instant):lambert:isobaricInhPa:level 47500 Pa:fcst time 0 hrs:from
201608051200
253:Geopotential Height:gpm (instant):lambert:isobaricInhPa:level 50000 Pa:fcst time 0 hrs:from 201608051200
254:Temperature:K (instant):lambert:isobaricInhPa:level 50000 Pa:fcst time 0 hrs:from 201608051200
255:Relative humidity:% (instant):lambert:isobaricInhPa:level 50000 Pa:fcst time 0 hrs:from 201608051200
```

256:Dew point temperature:K (instant):lambert:isobaricInhPa:level 50000 Pa:fcst time 0 hrs:from 201608051200 257:Specific humidity:kg kg\*\*-1 (instant):lambert:isobaricInhPa:level 50000 Pa:fcst time 0 hrs:from 201608051200 258:Vertical velocity:Pa s\*\*-1 (instant):lambert:isobaricInhPa:level 50000 Pa:fcst time 0 hrs:from 201608051200

```
259:U component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 50000 Pa:fcst time 0 hrs:from 201608051200
260:V component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 50000 Pa:fcst time 0 hrs:from 201608051200
261:Absolute vorticity:s**-1 (instant):lambert:isobaricInhPa:level 50000 Pa:fcst time 0 hrs:from 201608051200
262:Cloud mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 50000 Pa:fcst time 0 hrs:from 201608051200
263:Cloud Ice:kg m**-2 (instant):lambert:isobaricInhPa:level 50000 Pa:fcst time 0 hrs:from 201608051200
264:Rain mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 50000 Pa:fcst time 0 hrs:from 201608051200
265:Snow mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 50000 Pa:fcst time 0 hrs:from 201608051200
266:Graupel (snow pellets):kg kg**-1 (instant):lambert:isobaricInhPa:level 50000 Pa:fcst time 0 hrs:from
201608051200
267:Geopotential Height:gpm (instant):lambert:isobaricInhPa:level 52500 Pa:fcst time 0 hrs:from 201608051200
268:Temperature:K (instant):lambert:isobaricInhPa:level 52500 Pa:fcst time 0 hrs:from 201608051200
269:Relative humidity:% (instant):lambert:isobaricInhPa:level 52500 Pa:fcst time 0 hrs:from 201608051200
270:Dew point temperature:K (instant):lambert:isobaricInhPa:level 52500 Pa:fcst time 0 hrs:from 201608051200
271:Specific humidity:kg kg**-1 (instant):lambert:isobaricInhPa:level 52500 Pa:fcst time 0 hrs:from 201608051200
272:Vertical velocity:Pa s**-1 (instant):lambert:isobaricInhPa:level 52500 Pa:fcst time 0 hrs:from 201608051200
273:U component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 52500 Pa:fcst time 0 hrs:from 201608051200
274:V component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 52500 Pa:fcst time 0 hrs:from 201608051200
275:Absolute vorticity:s**-1 (instant):lambert:isobaricInhPa:level 52500 Pa:fcst time 0 hrs:from 201608051200
276:Cloud mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 52500 Pa:fcst time 0 hrs:from 201608051200
277:Cloud Ice:kg m**-2 (instant):lambert:isobaricInhPa:level 52500 Pa:fcst time 0 hrs:from 201608051200
278:Rain mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 52500 Pa:fcst time 0 hrs:from 201608051200
279:Snow mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 52500 Pa:fcst time 0 hrs:from 201608051200
280:Graupel (snow pellets):kg kg**-1 (instant):lambert:isobaricInhPa:level 52500 Pa:fcst time 0 hrs:from
201608051200
281:Geopotential Height:gpm (instant):lambert:isobaricInhPa:level 55000 Pa:fcst time 0 hrs:from 201608051200
282:Temperature:K (instant):lambert:isobaricInhPa:level 55000 Pa:fcst time 0 hrs:from 201608051200
283:Relative humidity:% (instant):lambert:isobaricInhPa:level 55000 Pa:fcst time 0 hrs:from 201608051200
284:Dew point temperature:K (instant):lambert:isobaricInhPa:level 55000 Pa:fcst time 0 hrs:from 201608051200
285:Specific humidity:kg kg**-1 (instant):lambert:isobaricInhPa:level 55000 Pa:fcst time 0 hrs:from 201608051200
286:Vertical velocity:Pa s**-1 (instant):lambert:isobaricInhPa:level 55000 Pa:fcst time 0 hrs:from 201608051200
287:U component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 55000 Pa:fcst time 0 hrs:from 201608051200
288:V component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 55000 Pa:fcst time 0 hrs:from 201608051200
289:Absolute vorticity:s**-1 (instant):lambert:isobaricInhPa:level 55000 Pa:fcst time 0 hrs:from 201608051200
290:Cloud mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 55000 Pa:fcst time 0 hrs:from 201608051200
291:Cloud Ice:kg m**-2 (instant):lambert:isobaricInhPa:level 55000 Pa:fcst time 0 hrs:from 201608051200
292:Rain mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 55000 Pa:fcst time 0 hrs:from 201608051200
293:Snow mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 55000 Pa:fcst time 0 hrs:from 201608051200
294:Graupel (snow pellets):kg kg**-1 (instant):lambert:isobaricInhPa:level 55000 Pa:fcst time 0 hrs:from
201608051200
295:Geopotential Height:gpm (instant):lambert:isobaricInhPa:level 57500 Pa:fcst time 0 hrs:from 201608051200
296:Temperature:K (instant):lambert:isobaricInhPa:level 57500 Pa:fcst time 0 hrs:from 201608051200
297:Relative humidity:% (instant):lambert:isobaricInhPa:level 57500 Pa:fcst time 0 hrs:from 201608051200
298:Dew point temperature:K (instant):lambert:isobaricInhPa:level 57500 Pa:fcst time 0 hrs:from 201608051200
299:Specific humidity:kg kg**-1 (instant):lambert:isobaricInhPa:level 57500 Pa:fcst time 0 hrs:from 201608051200
300:Vertical velocity:Pa s**-1 (instant):lambert:isobaricInhPa:level 57500 Pa:fcst time 0 hrs:from 201608051200
301:U component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 57500 Pa:fcst time 0 hrs:from 201608051200
302:V component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 57500 Pa:fcst time 0 hrs:from 201608051200
303:Absolute vorticity:s**-1 (instant):lambert:isobaricInhPa:level 57500 Pa:fcst time 0 hrs:from 201608051200
304:Cloud mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 57500 Pa:fcst time 0 hrs:from 201608051200
305:Cloud Ice:kg m**-2 (instant):lambert:isobaricInhPa:level 57500 Pa:fcst time 0 hrs:from 201608051200
306:Rain mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 57500 Pa:fcst time 0 hrs:from 201608051200
307:Snow mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 57500 Pa:fcst time 0 hrs:from 201608051200
308:Graupel (snow pellets):kg kg**-1 (instant):lambert:isobaricInhPa:level 57500 Pa:fcst time 0 hrs:from
201608051200
```

```
309:Geopotential Height:gpm (instant):lambert:isobaricInhPa:level 60000 Pa:fcst time 0 hrs:from 201608051200
310:Temperature:K (instant):lambert:isobaricInhPa:level 60000 Pa:fcst time 0 hrs:from 201608051200
311:Relative humidity:% (instant):lambert:isobaricInhPa:level 60000 Pa:fcst time 0 hrs:from 201608051200
312:Dew point temperature:K (instant):lambert:isobaricInhPa:level 60000 Pa:fcst time 0 hrs:from 201608051200
313:Specific humidity:kg kg**-1 (instant):lambert:isobaricInhPa:level 60000 Pa:fcst time 0 hrs:from 201608051200
314:Vertical velocity:Pa s**-1 (instant):lambert:isobaricInhPa:level 60000 Pa:fcst time 0 hrs:from 201608051200
315:U component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 60000 Pa:fcst time 0 hrs:from 201608051200
316:V component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 60000 Pa:fcst time 0 hrs:from 201608051200
317:Absolute vorticity:s**-1 (instant):lambert:isobaricInhPa:level 60000 Pa:fcst time 0 hrs:from 201608051200
318:Cloud mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 60000 Pa:fcst time 0 hrs:from 201608051200
319:Cloud Ice:kg m**-2 (instant):lambert:isobaricInhPa:level 60000 Pa:fcst time 0 hrs:from 201608051200
320:Rain mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 60000 Pa:fcst time 0 hrs:from 201608051200
321:Snow mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 60000 Pa:fcst time 0 hrs:from 201608051200
322:Graupel (snow pellets):kg kg**-1 (instant):lambert:isobaricInhPa:level 60000 Pa:fcst time 0 hrs:from
201608051200
323:Geopotential Height:gpm (instant):lambert:isobaricInhPa:level 62500 Pa:fcst time 0 hrs:from 201608051200
324:Temperature:K (instant):lambert:isobaricInhPa:level 62500 Pa:fcst time 0 hrs:from 201608051200
325:Relative humidity:% (instant):lambert:isobaricInhPa:level 62500 Pa:fcst time 0 hrs:from 201608051200
326:Dew point temperature:K (instant):lambert:isobaricInhPa:level 62500 Pa:fcst time 0 hrs:from 201608051200
327:Specific humidity:kg kg**-1 (instant):lambert:isobaricInhPa:level 62500 Pa:fcst time 0 hrs:from 201608051200
328:Vertical velocity:Pa s**-1 (instant):lambert:isobaricInhPa:level 62500 Pa:fcst time 0 hrs:from 201608051200
329:U component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 62500 Pa:fcst time 0 hrs:from 201608051200
330:V component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 62500 Pa:fcst time 0 hrs:from 201608051200
331:Absolute vorticity:s**-1 (instant):lambert:isobaricInhPa:level 62500 Pa:fcst time 0 hrs:from 201608051200
332:Cloud mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 62500 Pa:fcst time 0 hrs:from 201608051200
333:Cloud Ice:kg m**-2 (instant):lambert:isobaricInhPa:level 62500 Pa:fcst time 0 hrs:from 201608051200
334:Rain mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 62500 Pa:fcst time 0 hrs:from 201608051200
335:Snow mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 62500 Pa:fcst time 0 hrs:from 201608051200
336:Graupel (snow pellets):kg kg**-1 (instant):lambert:isobaricInhPa:level 62500 Pa:fcst time 0 hrs:from
201608051200
337:Geopotential Height:gpm (instant):lambert:isobaricInhPa:level 65000 Pa:fcst time 0 hrs:from 201608051200
338:Temperature:K (instant):lambert:isobaricInhPa:level 65000 Pa:fcst time 0 hrs:from 201608051200
339:Relative humidity:% (instant):lambert:isobaricInhPa:level 65000 Pa:fcst time 0 hrs:from 201608051200
340:Dew point temperature:K (instant):lambert:isobaricInhPa:level 65000 Pa:fcst time 0 hrs:from 201608051200
341:Specific humidity:kg kg**-1 (instant):lambert:isobaricInhPa:level 65000 Pa:fcst time 0 hrs:from 201608051200
342:Vertical velocity:Pa s**-1 (instant):lambert:isobaricInhPa:level 65000 Pa:fcst time 0 hrs:from 201608051200
343:U component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 65000 Pa:fcst time 0 hrs:from 201608051200
344:V component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 65000 Pa:fcst time 0 hrs:from 201608051200
345:Absolute vorticity:s**-1 (instant):lambert:isobaricInhPa:level 65000 Pa:fcst time 0 hrs:from 201608051200
346:Cloud mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 65000 Pa:fcst time 0 hrs:from 201608051200
347:Cloud Ice:kg m**-2 (instant):lambert:isobaricInhPa:level 65000 Pa:fcst time 0 hrs:from 201608051200
348:Rain mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 65000 Pa:fcst time 0 hrs:from 201608051200
349:Snow mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 65000 Pa:fcst time 0 hrs:from 201608051200
350:Graupel (snow pellets):kg kg**-1 (instant):lambert:isobaricInhPa:level 65000 Pa:fcst time 0 hrs:from
201608051200
351:Geopotential Height:gpm (instant):lambert:isobaricInhPa:level 67500 Pa:fcst time 0 hrs:from 201608051200
352:Temperature:K (instant):lambert:isobaricInhPa:level 67500 Pa:fcst time 0 hrs:from 201608051200
353:Relative humidity:% (instant):lambert:isobaricInhPa:level 67500 Pa:fcst time 0 hrs:from 201608051200
354:Dew point temperature:K (instant):lambert:isobaricInhPa:level 67500 Pa:fcst time 0 hrs:from 201608051200
355:Specific humidity:kg kg**-1 (instant):lambert:isobaricInhPa:level 67500 Pa:fcst time 0 hrs:from 201608051200
356: Vertical velocity: Pa s**-1 (instant): lambert: isobaricInhPa: level 67500 Pa: fcst time 0 hrs: from 201608051200
357:U component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 67500 Pa:fcst time 0 hrs:from 201608051200
358:V component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 67500 Pa:fcst time 0 hrs:from 201608051200
359:Absolute vorticity:s**-1 (instant):lambert:isobaricInhPa:level 67500 Pa:fcst time 0 hrs:from 201608051200
```

```
360:Cloud mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 67500 Pa:fcst time 0 hrs:from 201608051200
361:Cloud Ice:kg m**-2 (instant):lambert:isobaricInhPa:level 67500 Pa:fcst time 0 hrs:from 201608051200
362:Rain mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 67500 Pa:fcst time 0 hrs:from 201608051200
363:Snow mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 67500 Pa:fcst time 0 hrs:from 201608051200
364:Graupel (snow pellets):kg kg**-1 (instant):lambert:isobaricInhPa:level 67500 Pa:fcst time 0 hrs:from
201608051200
365:Geopotential Height:gpm (instant):lambert:isobaricInhPa:level 70000 Pa:fcst time 0 hrs:from 201608051200
366:Temperature:K (instant):lambert:isobaricInhPa:level 70000 Pa:fcst time 0 hrs:from 201608051200
367:Relative humidity:% (instant):lambert:isobaricInhPa:level 70000 Pa:fcst time 0 hrs:from 201608051200
368:Dew point temperature:K (instant):lambert:isobaricInhPa:level 70000 Pa:fcst time 0 hrs:from 201608051200
369:Specific humidity:kg kg**-1 (instant):lambert:isobaricInhPa:level 70000 Pa:fcst time 0 hrs:from 201608051200
370:Vertical velocity:Pa s**-1 (instant):lambert:isobaricInhPa:level 70000 Pa:fcst time 0 hrs:from 201608051200
371:U component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 70000 Pa:fcst time 0 hrs:from 201608051200
372:V component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 70000 Pa:fcst time 0 hrs:from 201608051200
373:Absolute vorticity:s**-1 (instant):lambert:isobaricInhPa:level 70000 Pa:fcst time 0 hrs:from 201608051200
374:Cloud mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 70000 Pa:fcst time 0 hrs:from 201608051200
375:Cloud Ice:kg m**-2 (instant):lambert:isobaricInhPa:level 70000 Pa:fcst time 0 hrs:from 201608051200
376:Rain mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 70000 Pa:fcst time 0 hrs:from 201608051200
377:Snow mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 70000 Pa:fcst time 0 hrs:from 201608051200
378:Graupel (snow pellets):kg kg**-1 (instant):lambert:isobaricInhPa:level 70000 Pa:fcst time 0 hrs:from
201608051200
379:Geopotential Height:gpm (instant):lambert:isobaricInhPa:level 72500 Pa:fcst time 0 hrs:from 201608051200
380:Temperature:K (instant):lambert:isobaricInhPa:level 72500 Pa:fcst time 0 hrs:from 201608051200
381:Relative humidity:% (instant):lambert:isobaricInhPa:level 72500 Pa:fcst time 0 hrs:from 201608051200
382:Dew point temperature:K (instant):lambert:isobaricInhPa:level 72500 Pa:fcst time 0 hrs:from 201608051200
383:Specific humidity:kg kg**-1 (instant):lambert:isobaricInhPa:level 72500 Pa:fcst time 0 hrs:from 201608051200
384:Vertical velocity:Pa s**-1 (instant):lambert:isobaricInhPa:level 72500 Pa:fcst time 0 hrs:from 201608051200
385:U component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 72500 Pa:fcst time 0 hrs:from 201608051200
386:V component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 72500 Pa:fcst time 0 hrs:from 201608051200
387:Absolute vorticity:s**-1 (instant):lambert:isobaricInhPa:level 72500 Pa:fcst time 0 hrs:from 201608051200
388:Cloud mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 72500 Pa:fcst time 0 hrs:from 201608051200
389:Cloud Ice:kg m**-2 (instant):lambert:isobaricInhPa:level 72500 Pa:fcst time 0 hrs:from 201608051200
390:Rain mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 72500 Pa:fcst time 0 hrs:from 201608051200
391:Snow mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 72500 Pa:fcst time 0 hrs:from 201608051200
392:Graupel (snow pellets):kg kg**-1 (instant):lambert:isobaricInhPa:level 72500 Pa:fcst time 0 hrs:from
201608051200
393:Geopotential Height:gpm (instant):lambert:isobaricInhPa:level 75000 Pa:fcst time 0 hrs:from 201608051200
394:Temperature:K (instant):lambert:isobaricInhPa:level 75000 Pa:fcst time 0 hrs:from 201608051200
395:Relative humidity;% (instant):lambert:isobaricInhPa:level 75000 Pa:fcst time 0 hrs:from 201608051200
396:Dew point temperature:K (instant):lambert:isobaricInhPa:level 75000 Pa:fcst time 0 hrs:from 201608051200
397:Specific humidity:kg kg**-1 (instant):lambert:isobaricInhPa:level 75000 Pa:fcst time 0 hrs:from 201608051200
398:Vertical velocity:Pa s**-1 (instant):lambert:isobaricInhPa:level 75000 Pa:fcst time 0 hrs:from 201608051200
399:U component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 75000 Pa:fcst time 0 hrs:from 201608051200
400:V component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 75000 Pa:fcst time 0 hrs:from 201608051200
401:Absolute vorticity:s**-1 (instant):lambert:isobaricInhPa:level 75000 Pa:fcst time 0 hrs:from 201608051200
402:Cloud mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 75000 Pa:fcst time 0 hrs:from 201608051200
403:Cloud Ice:kg m**-2 (instant):lambert:isobaricInhPa:level 75000 Pa:fcst time 0 hrs:from 201608051200
404:Rain mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 75000 Pa:fcst time 0 hrs:from 201608051200
405:Snow mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 75000 Pa:fcst time 0 hrs:from 201608051200
406:Graupel (snow pellets):kg kg**-1 (instant):lambert:isobaricInhPa:level 75000 Pa:fcst time 0 hrs:from
201608051200
407:Geopotential Height:gpm (instant):lambert:isobaricInhPa:level 77500 Pa:fcst time 0 hrs:from 201608051200
```

408:Temperature:K (instant):lambert:isobaricInhPa:level 77500 Pa:fcst time 0 hrs:from 201608051200 409:Relative humidity:% (instant):lambert:isobaricInhPa:level 77500 Pa:fcst time 0 hrs:from 201608051200

```
410:Dew point temperature:K (instant):lambert:isobaricInhPa:level 77500 Pa:fcst time 0 hrs:from 201608051200
411:Specific humidity:kg kg**-1 (instant):lambert:isobaricInhPa:level 77500 Pa:fcst time 0 hrs:from 201608051200
412:Vertical velocity:Pa s**-1 (instant):lambert:isobaricInhPa:level 77500 Pa:fcst time 0 hrs:from 201608051200
413:U component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 77500 Pa:fcst time 0 hrs:from 201608051200
414:V component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 77500 Pa:fcst time 0 hrs:from 201608051200
415:Absolute vorticity:s**-1 (instant):lambert:isobaricInhPa:level 77500 Pa:fcst time 0 hrs:from 201608051200
416:Cloud mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 77500 Pa:fcst time 0 hrs:from 201608051200
417:Cloud Ice:kg m**-2 (instant):lambert:isobaricInhPa:level 77500 Pa:fcst time 0 hrs:from 201608051200
418:Rain mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 77500 Pa:fcst time 0 hrs:from 201608051200
419:Snow mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 77500 Pa:fcst time 0 hrs:from 201608051200
420:Graupel (snow pellets):kg kg**-1 (instant):lambert:isobaricInhPa:level 77500 Pa:fcst time 0 hrs:from
201608051200
421:Geopotential Height:gpm (instant):lambert:isobaricInhPa:level 80000 Pa:fcst time 0 hrs:from 201608051200
422:Temperature:K (instant):lambert:isobaricInhPa:level 80000 Pa:fcst time 0 hrs:from 201608051200
423:Relative humidity:% (instant):lambert:isobaricInhPa:level 80000 Pa:fcst time 0 hrs:from 201608051200
424:Dew point temperature:K (instant):lambert:isobaricInhPa:level 80000 Pa:fcst time 0 hrs:from 201608051200
425:Specific humidity:kg kg**-1 (instant):lambert:isobaricInhPa:level 80000 Pa:fcst time 0 hrs:from 201608051200
426:Vertical velocity:Pa s**-1 (instant):lambert:isobaricInhPa:level 80000 Pa:fcst time 0 hrs:from 201608051200
427:U component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 80000 Pa:fcst time 0 hrs:from 201608051200
428:V component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 80000 Pa:fcst time 0 hrs:from 201608051200
429:Absolute vorticity:s**-1 (instant):lambert:isobaricInhPa:level 80000 Pa:fcst time 0 hrs:from 201608051200
430:Cloud mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 80000 Pa:fcst time 0 hrs:from 201608051200
431:Cloud Ice:kg m**-2 (instant):lambert:isobaricInhPa:level 80000 Pa:fcst time 0 hrs:from 201608051200
432:Rain mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 80000 Pa:fcst time 0 hrs:from 201608051200
433:Snow mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 80000 Pa:fcst time 0 hrs:from 201608051200
434:Graupel (snow pellets):kg kg**-1 (instant):lambert:isobaricInhPa:level 80000 Pa:fcst time 0 hrs:from
201608051200
435:Geopotential Height:gpm (instant):lambert:isobaricInhPa:level 82500 Pa:fcst time 0 hrs:from 201608051200
436:Temperature:K (instant):lambert:isobaricInhPa:level 82500 Pa:fcst time 0 hrs:from 201608051200
437:Relative humidity:% (instant):lambert:isobaricInhPa:level 82500 Pa:fcst time 0 hrs:from 201608051200
438:Dew point temperature:K (instant):lambert:isobaricInhPa:level 82500 Pa:fcst time 0 hrs:from 201608051200
439:Specific humidity:kg kg**-1 (instant):lambert:isobaricInhPa:level 82500 Pa:fcst time 0 hrs:from 201608051200
440:Vertical velocity:Pa s**-1 (instant):lambert:isobaricInhPa:level 82500 Pa:fcst time 0 hrs:from 201608051200
441:U component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 82500 Pa:fcst time 0 hrs:from 201608051200
442:V component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 82500 Pa:fcst time 0 hrs:from 201608051200
443:Absolute vorticity:s**-1 (instant):lambert:isobaricInhPa:level 82500 Pa:fcst time 0 hrs:from 201608051200
444:Cloud mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 82500 Pa:fcst time 0 hrs:from 201608051200
445:Cloud Ice:kg m**-2 (instant):lambert:isobaricInhPa:level 82500 Pa:fcst time 0 hrs:from 201608051200
446:Rain mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 82500 Pa:fcst time 0 hrs:from 201608051200
447:Snow mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 82500 Pa:fcst time 0 hrs:from 201608051200
448:Graupel (snow pellets):kg kg**-1 (instant):lambert:isobaricInhPa:level 82500 Pa:fcst time 0 hrs:from
201608051200
449:Geopotential Height:gpm (instant):lambert:isobaricInhPa:level 85000 Pa:fcst time 0 hrs:from 201608051200
450:Temperature:K (instant):lambert:isobaricInhPa:level 85000 Pa:fcst time 0 hrs:from 201608051200
451:Relative humidity:% (instant):lambert:isobaricInhPa:level 85000 Pa:fcst time 0 hrs:from 201608051200
452:Dew point temperature:K (instant):lambert:isobaricInhPa:level 85000 Pa:fcst time 0 hrs:from 201608051200
453:Specific humidity:kg kg**-1 (instant):lambert:isobaricInhPa:level 85000 Pa:fcst time 0 hrs:from 201608051200
454: Vertical velocity: Pa s**-1 (instant): lambert: isobaricInhPa: level 85000 Pa: fcst time 0 hrs: from 201608051200
455:U component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 85000 Pa:fcst time 0 hrs:from 201608051200
456:V component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 85000 Pa:fcst time 0 hrs:from 201608051200
457: Absolute vorticity: s**-1 (instant): lambert: isobaricInhPa: level 85000 Pa: fcst time 0 hrs: from 201608051200
458:Cloud mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 85000 Pa:fcst time 0 hrs:from 201608051200
459:Cloud Ice:kg m**-2 (instant):lambert:isobaricInhPa:level 85000 Pa:fcst time 0 hrs:from 201608051200
460:Rain mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 85000 Pa:fcst time 0 hrs:from 201608051200
```

```
462:Graupel (snow pellets):kg kg**-1 (instant):lambert:isobaricInhPa:level 85000 Pa:fcst time 0 hrs:from
201608051200
463:Geopotential Height:gpm (instant):lambert:isobaricInhPa:level 87500 Pa:fcst time 0 hrs:from 201608051200
464:Temperature:K (instant):lambert:isobaricInhPa:level 87500 Pa:fcst time 0 hrs:from 201608051200
465:Relative humidity:% (instant):lambert:isobaricInhPa:level 87500 Pa:fcst time 0 hrs:from 201608051200
466:Dew point temperature:K (instant):lambert:isobaricInhPa:level 87500 Pa:fcst time 0 hrs:from 201608051200
467:Specific humidity:kg kg**-1 (instant):lambert:isobaricInhPa:level 87500 Pa:fcst time 0 hrs:from 201608051200
468: Vertical velocity: Pa s**-1 (instant): lambert: isobaricInhPa: level 87500 Pa: fcst time 0 hrs: from 201608051200
469:U component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 87500 Pa:fcst time 0 hrs:from 201608051200
470:V component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 87500 Pa:fcst time 0 hrs:from 201608051200
471:Absolute vorticity:s**-1 (instant):lambert:isobaricInhPa:level 87500 Pa:fcst time 0 hrs:from 201608051200
472:Cloud mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 87500 Pa:fcst time 0 hrs:from 201608051200
473:Cloud Ice:kg m**-2 (instant):lambert:isobaricInhPa:level 87500 Pa:fcst time 0 hrs:from 201608051200
474:Rain mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 87500 Pa:fcst time 0 hrs:from 201608051200
475:Snow mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 87500 Pa:fcst time 0 hrs:from 201608051200
476:Graupel (snow pellets):kg kg**-1 (instant):lambert:isobaricInhPa:level 87500 Pa:fcst time 0 hrs:from
201608051200
477:Geopotential Height:gpm (instant):lambert:isobaricInhPa:level 90000 Pa:fcst time 0 hrs:from 201608051200
478:Temperature:K (instant):lambert:isobaricInhPa:level 90000 Pa:fcst time 0 hrs:from 201608051200
479:Relative humidity:% (instant):lambert:isobaricInhPa:level 90000 Pa:fcst time 0 hrs:from 201608051200
480:Dew point temperature:K (instant):lambert:isobaricInhPa:level 90000 Pa:fcst time 0 hrs:from 201608051200
481:Specific humidity:kg kg**-1 (instant):lambert:isobaricInhPa:level 90000 Pa:fcst time 0 hrs:from 201608051200
482:Vertical velocity:Pa s**-1 (instant):lambert:isobaricInhPa:level 90000 Pa:fcst time 0 hrs:from 201608051200
483:U component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 90000 Pa:fcst time 0 hrs:from 201608051200
484:V component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 90000 Pa:fcst time 0 hrs:from 201608051200
485:Absolute vorticity:s**-1 (instant):lambert:isobaricInhPa:level 90000 Pa:fcst time 0 hrs:from 201608051200
486:Cloud mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 90000 Pa:fcst time 0 hrs:from 201608051200
487:Cloud Ice:kg m**-2 (instant):lambert:isobaricInhPa:level 90000 Pa:fcst time 0 hrs:from 201608051200
488:Rain mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 90000 Pa:fcst time 0 hrs:from 201608051200
489:Snow mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 90000 Pa:fcst time 0 hrs:from 201608051200
490:Graupel (snow pellets):kg kg**-1 (instant):lambert:isobaricInhPa:level 90000 Pa:fcst time 0 hrs:from
201608051200
491:Geopotential Height:gpm (instant):lambert:isobaricInhPa:level 92500 Pa:fcst time 0 hrs:from 201608051200
492:Temperature:K (instant):lambert:isobaricInhPa:level 92500 Pa:fcst time 0 hrs:from 201608051200
493:Relative humidity:% (instant):lambert:isobaricInhPa:level 92500 Pa:fcst time 0 hrs:from 201608051200
494:Dew point temperature:K (instant):lambert:isobaricInhPa:level 92500 Pa:fcst time 0 hrs:from 201608051200
495:Specific humidity:kg kg**-1 (instant):lambert:isobaricInhPa:level 92500 Pa:fcst time 0 hrs:from 201608051200
496: Vertical velocity: Pa s**-1 (instant): lambert: isobaricInhPa: level 92500 Pa: fcst time 0 hrs: from 201608051200
497:U component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 92500 Pa:fcst time 0 hrs:from 201608051200
498:V component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 92500 Pa:fcst time 0 hrs:from 201608051200
499:Absolute vorticity:s**-1 (instant):lambert:isobaricInhPa:level 92500 Pa:fcst time 0 hrs:from 201608051200
500:Cloud mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 92500 Pa:fcst time 0 hrs:from 201608051200
501:Cloud Ice:kg m**-2 (instant):lambert:isobaricInhPa:level 92500 Pa:fcst time 0 hrs:from 201608051200
502:Rain mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 92500 Pa:fcst time 0 hrs:from 201608051200
503:Snow mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 92500 Pa:fcst time 0 hrs:from 201608051200
504:Graupel (snow pellets):kg kg**-1 (instant):lambert:isobaricInhPa:level 92500 Pa:fcst time 0 hrs:from
201608051200
505:Geopotential Height:gpm (instant):lambert:isobaricInhPa:level 95000 Pa:fcst time 0 hrs:from 201608051200
506; Temperature: K (instant): lambert: isobaric InhPa: level 95000 Pa; fcst time 0 hrs; from 201608051200
507:Relative humidity:% (instant):lambert:isobaricInhPa:level 95000 Pa:fcst time 0 hrs:from 201608051200
508:Dew point temperature:K (instant):lambert:isobaricInhPa:level 95000 Pa:fcst time 0 hrs:from 201608051200
509:Specific humidity:kg kg**-1 (instant):lambert:isobaricInhPa:level 95000 Pa:fcst time 0 hrs:from 201608051200
```

510:Vertical velocity:Pa s\*\*-1 (instant):lambert:isobaricInhPa:level 95000 Pa:fcst time 0 hrs:from 201608051200

461:Snow mixing ratio:kg kg\*\*-1 (instant):lambert:isobaricInhPa:level 85000 Pa:fcst time 0 hrs:from 201608051200

```
511:U component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 95000 Pa:fcst time 0 hrs:from 201608051200
512:V component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 95000 Pa:fcst time 0 hrs:from 201608051200
513:Absolute vorticity:s**-1 (instant):lambert:isobaricInhPa:level 95000 Pa:fcst time 0 hrs:from 201608051200
514:Cloud mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 95000 Pa:fcst time 0 hrs:from 201608051200
515:Cloud Ice:kg m**-2 (instant):lambert:isobaricInhPa:level 95000 Pa:fcst time 0 hrs:from 201608051200
516:Rain mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 95000 Pa:fcst time 0 hrs:from 201608051200
517:Snow mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 95000 Pa:fcst time 0 hrs:from 201608051200
518:Graupel (snow pellets):kg kg**-1 (instant):lambert:isobaricInhPa:level 95000 Pa:fcst time 0 hrs:from
201608051200
519:Geopotential Height:gpm (instant):lambert:isobaricInhPa:level 97500 Pa:fcst time 0 hrs:from 201608051200
520:Temperature:K (instant):lambert:isobaricInhPa:level 97500 Pa:fcst time 0 hrs:from 201608051200
521:Relative humidity:% (instant):lambert:isobaricInhPa:level 97500 Pa:fcst time 0 hrs:from 201608051200
522:Dew point temperature:K (instant):lambert:isobaricInhPa:level 97500 Pa:fcst time 0 hrs:from 201608051200
523:Specific humidity:kg kg**-1 (instant):lambert:isobaricInhPa:level 97500 Pa:fcst time 0 hrs:from 201608051200
524:Vertical velocity:Pa s**-1 (instant):lambert:isobaricInhPa:level 97500 Pa:fcst time 0 hrs:from 201608051200
525:U component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 97500 Pa:fcst time 0 hrs:from 201608051200
526:V component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 97500 Pa:fcst time 0 hrs:from 201608051200
527:Absolute vorticity:s**-1 (instant):lambert:isobaricInhPa:level 97500 Pa:fcst time 0 hrs:from 201608051200
528:Cloud mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 97500 Pa:fcst time 0 hrs:from 201608051200
529:Cloud Ice:kg m**-2 (instant):lambert:isobaricInhPa:level 97500 Pa:fcst time 0 hrs:from 201608051200
530:Rain mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 97500 Pa:fcst time 0 hrs:from 201608051200
531:Snow mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 97500 Pa:fcst time 0 hrs:from 201608051200
532:Graupel (snow pellets):kg kg**-1 (instant):lambert:isobaricInhPa:level 97500 Pa:fcst time 0 hrs:from
201608051200
533:Geopotential Height:gpm (instant):lambert:isobaricInhPa:level 100000 Pa:fcst time 0 hrs:from 201608051200
534:Temperature:K (instant):lambert:isobaricInhPa:level 100000 Pa:fcst time 0 hrs:from 201608051200
535:Relative humidity:% (instant):lambert:isobaricInhPa:level 100000 Pa:fcst time 0 hrs:from 201608051200
536:Dew point temperature:K (instant):lambert:isobaricInhPa:level 100000 Pa:fcst time 0 hrs:from 201608051200
537:Specific humidity:kg kg**-1 (instant):lambert:isobaricInhPa:level 100000 Pa:fcst time 0 hrs:from 201608051200
538:Vertical velocity:Pa s**-1 (instant):lambert:isobaricInhPa:level 100000 Pa:fcst time 0 hrs:from 201608051200
539:U component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 100000 Pa:fcst time 0 hrs:from 201608051200
540:V component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 100000 Pa:fcst time 0 hrs:from 201608051200
541:Absolute vorticity:s**-1 (instant):lambert:isobaricInhPa:level 100000 Pa:fcst time 0 hrs:from 201608051200
542:Cloud mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 100000 Pa:fcst time 0 hrs:from 201608051200
543:Cloud Ice:kg m**-2 (instant):lambert:isobaricInhPa:level 100000 Pa:fcst time 0 hrs:from 201608051200
544:Rain mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 100000 Pa:fcst time 0 hrs:from 201608051200
545:Snow mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 100000 Pa:fcst time 0 hrs:from 201608051200
546:Graupel (snow pellets):kg kg**-1 (instant):lambert:isobaricInhPa:level 100000 Pa:fcst time 0 hrs:from
201608051200
547:Geopotential Height:gpm (instant):lambert:isobaricInhPa:level 101320 Pa:fcst time 0 hrs:from 201608051200
548:Temperature:K (instant):lambert:isobaricInhPa:level 101320 Pa:fcst time 0 hrs:from 201608051200
549:Relative humidity:% (instant):lambert:isobaricInhPa:level 101320 Pa:fcst time 0 hrs:from 201608051200
550:Dew point temperature:K (instant):lambert:isobaricInhPa:level 101320 Pa:fcst time 0 hrs:from 201608051200
551:Specific humidity:kg kg**-1 (instant):lambert:isobaricInhPa:level 101320 Pa:fcst time 0 hrs:from 201608051200
552:Vertical velocity:Pa s**-1 (instant):lambert:isobaricInhPa:level 101320 Pa:fcst time 0 hrs:from 201608051200
553:U component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 101320 Pa:fcst time 0 hrs:from 201608051200
554:V component of wind:m s**-1 (instant):lambert:isobaricInhPa:level 101320 Pa:fcst time 0 hrs:from 201608051200
555:Absolute vorticity:s**-1 (instant):lambert:isobaricInhPa:level 101320 Pa:fcst time 0 hrs:from 201608051200
556:Cloud mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 101320 Pa:fcst time 0 hrs:from 201608051200
557:Cloud Ice:kg m**-2 (instant):lambert:isobaricInhPa:level 101320 Pa:fcst time 0 hrs:from 201608051200
558:Rain mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 101320 Pa:fcst time 0 hrs:from 201608051200
559:Snow mixing ratio:kg kg**-1 (instant):lambert:isobaricInhPa:level 101320 Pa:fcst time 0 hrs:from 201608051200
560:Graupel (snow pellets):kg kg**-1 (instant):lambert:isobaricInhPa:level 101320 Pa:fcst time 0 hrs:from
201608051200
```

- 561:Orography:m (instant):lambert:surface:level 0:fcst time 0 hrs:from 201608051200
- 562:Soil Temperature:K (instant):lambert:depthBelowLandLayer:level 0.0 m:fcst time 0 hrs:from 201608051200
- 563:Volumetric soil moisture content:Proportion (instant):lambert:depthBelowLandLayer:level 0.0 m:fcst time 0 hrs:from 201608051200
- 564:Soil Temperature:K (instant):lambert:depthBelowLandLayer:level 0.01 m:fcst time 0 hrs:from 201608051200 565:Volumetric soil moisture content:Proportion (instant):lambert:depthBelowLandLayer:level 0.01 m:fcst time 0 hrs:from 201608051200
- 566:Soil Temperature:K (instant):lambert:depthBelowLandLayer:level 0.04 m:fcst time 0 hrs:from 201608051200 567:Volumetric soil moisture content:Proportion (instant):lambert:depthBelowLandLayer:level 0.04 m:fcst time 0 hrs:from 201608051200
- 568:Soil Temperature:K (instant):lambert:depthBelowLandLayer:level 0.1 m:fcst time 0 hrs:from 201608051200 569:Volumetric soil moisture content:Proportion (instant):lambert:depthBelowLandLayer:level 0.1 m:fcst time 0 hrs:from 201608051200
- 570:Soil Temperature:K (instant):lambert:depthBelowLandLayer:level 0.3 m:fcst time 0 hrs:from 201608051200 571:Volumetric soil moisture content:Proportion (instant):lambert:depthBelowLandLayer:level 0.3 m:fcst time 0 hrs:from 201608051200
- 572:Soil Temperature:K (instant):lambert:depthBelowLandLayer:level 0.6 m:fcst time 0 hrs:from 201608051200 573:Volumetric soil moisture content:Proportion (instant):lambert:depthBelowLandLayer:level 0.6 m:fcst time 0 hrs:from 201608051200
- 574:Soil Temperature:K (instant):lambert:depthBelowLandLayer:level 1.0 m:fcst time 0 hrs:from 201608051200 575:Volumetric soil moisture content:Proportion (instant):lambert:depthBelowLandLayer:level 1.0 m:fcst time 0 hrs:from 201608051200
- 576:Soil Temperature:K (instant):lambert:depthBelowLandLayer:level 1.6 m:fcst time 0 hrs:from 201608051200 577:Volumetric soil moisture content:Proportion (instant):lambert:depthBelowLandLayer:level 1.6 m:fcst time 0 hrs:from 201608051200
- 578:Soil Temperature:K (instant):lambert:depthBelowLandLayer:level 3.0 m:fcst time 0 hrs:from 201608051200 579:Volumetric soil moisture content:Proportion (instant):lambert:depthBelowLandLayer:level 3.0 m:fcst time 0 hrs:from 201608051200
- 580:Moisture availability:% (instant):lambert:depthBelowLand:level 0 m:fcst time 0 hrs:from 201608051200
- 581:Maximum/Composite radar reflectivity:dB (instant):lambert:unknown:level 0 10:fcst time 0 hrs:from 201608051200
- 582:3:3 (instant):lambert:cloudTop:level 0:fcst time 0 hrs:from 201608051200
- 583:Vertically-integrated liquid:kg m\*\*-1 (instant):lambert:unknown:level 0 10:fcst time 0 hrs:from 201608051200
- 584:Visibility:m (instant):lambert:surface:level 0:fcst time 0 hrs:from 201608051200
- 585:Derived radar reflectivity:dB (instant):lambert:heightAboveGround:level 1000 m:fcst time 0 hrs:from 201608051200
- 586:Derived radar reflectivity:dB (instant):lambert:heightAboveGround:level 4000 m:fcst time 0 hrs:from 201608051200
- 587: Wind speed (gust):m s\*\*-1 (instant): lambert: surface: level 0: fcst time 0 hrs: from 201608051200
- 588:220:220 (max):lambert:pressureFromGroundLayer:levels 40000-100000 Pa:fcst time 0 hrs (max):from 201608051200
- 589:221:221 (max):lambert:pressureFromGroundLayer:levels 40000-100000 Pa:fcst time 0 hrs (max):from 201608051200
- 590:Vertical velocity [geometric]:m s-1 (avg):lambert:sigmaLayer:levels 0.5-0.8 sigma value:fcst time 0 hrs (avg):from 201608051200
- 591:Pressure reduced to MSL:Pa (instant):lambert:meanSea:level 0:fcst time 0 hrs:from 201608051200
- 592:Geopotential Height:gpm (instant):lambert:isobaricInhPa:level 100000 Pa:fcst time 0 hrs:from 201608051200
- 593:198:198 (max):lambert:heightAboveGround:level 1000 m:fcst time 0 hrs (max):from 201608051200
- 594:199:199 (max):lambert:heightAboveGroundLayer:levels 5000-2000 m:fcst time 0 hrs (max):from 201608051200
- 595:74:74 (max):lambert:unknown:level 0 200:fcst time 0 hrs (max):from 201608051200
- 596:Lightning:non-dim (instant):lambert:surface:level 0:fcst time 0 hrs:from 201608051200
- 597:U component of wind:m s\*\*-1 (instant):lambert:heightAboveGround:level 80 m:fcst time 0 hrs:from 201608051200
- 598:V component of wind:m s\*\*-1 (instant):lambert:heightAboveGround:level 80 m:fcst time 0 hrs:from

## 201608051200

- 599:Surface pressure:Pa (instant):lambert:surface:level 0:fcst time 0 hrs:from 201608051200
- 600:Orography:m (instant):lambert:surface:level 0:fcst time 0 hrs:from 201608051200
- 601:Temperature:K (instant):lambert:surface:level 0:fcst time 0 hrs:from 201608051200
- 602:Moisture availability:% (instant):lambert:depthBelowLand:level 0 m:fcst time 0 hrs:from 201608051200
- 603:Water equivalent of accumulated snow depth:kg m\*\*-2 (instant):lambert:surface:level 0:fcst time 0 hrs:from 201608051200
- 604:Snow cover:% (instant):lambert:surface:level 0:fcst time 0 hrs:from 201608051200
- 605:Snow depth:m (instant):lambert:surface:level 0:fcst time 0 hrs:from 201608051200
- 606:2 metre temperature:K (instant):lambert:heightAboveGround:level 2 m:fcst time 0 hrs:from 201608051200
- 607:Specific humidity:kg kg\*\*-1 (instant):lambert:heightAboveGround:level 2 m:fcst time 0 hrs:from 201608051200
- 608:2 metre dewpoint temperature:K (instant):lambert:heightAboveGround:level 2 m:fcst time 0 hrs:from 201608051200
- 609:10 metre U wind component:m s\*\*-1 (instant):lambert:heightAboveGround:level 10 m:fcst time 0 hrs:from 201608051200
- 610:10 metre V wind component:m s\*\*-1 (instant):lambert:heightAboveGround:level 10 m:fcst time 0 hrs:from 201608051200
- 611:10 metre wind speed:m s\*\*-1 (max):lambert:heightAboveGround:level 10 m:fcst time 0 hrs (max):from 201608051200
- 612:Percent frozen precipitation:% (instant):lambert:surface:level 0:fcst time 0 hrs:from 201608051200
- 613:Precipitation rate:kg m\*\*-2 s\*\*-1 (instant):lambert:surface:level 0:fcst time 0 hrs:from 201608051200
- 614:Total Precipitation:kg m\*\*-2 (multiple steps):lambert:surface:level 0:fcst time unavailable hrs (multiple steps):from 201608051200
- 615:Water equivalent of accumulated snow depth:kg m\*\*-2 (multiple steps):lambert:surface:level 0:fcst time unavailable hrs (multiple steps):from 201608051200
- 616:Total Precipitation:kg m\*\*-2 (accum):lambert:surface:level 0:fcst time 0 hrs (accum):from 201608051200
- 617:Water equivalent of accumulated snow depth:kg m\*\*-2 (accum):lambert:surface:level 0:fcst time 0 hrs (accum):from 201608051200
- 618:Categorical snow:(Code table 4.222) (instant):lambert:surface:level 0:fcst time 0 hrs:from 201608051200
- 619:Categorical ice pellets:(Code table 4.222) (instant):lambert:surface:level 0:fcst time 0 hrs:from 201608051200
- 620:Categorical freezing rain:(Code table 4.222) (instant):lambert:surface:level 0:fcst time 0 hrs:from 201608051200
- 621:Categorical rain:(Code table 4.222) (instant):lambert:surface:level 0:fcst time 0 hrs:from 201608051200
- 622: Vegetation Type:Integer(0-13) (instant):lambert:surface:level 0:fcst time 0 hrs:from 201608051200
- 623:Surface lifted index:K (instant):lambert:isobaricLayer:levels 50000-100000 Pa:fcst time 0 hrs:from 201608051200
- 624:Convective available potential energy:J kg\*\*-1 (instant):lambert:surface:level 0:fcst time 0 hrs:from 201608051200
- 625:Convective inhibition:J kg\*\*-1 (instant):lambert:surface:level 0:fcst time 0 hrs:from 201608051200
- 626:Precipitable water:kg m\*\*-2 (instant):lambert:unknown:level 0 200:fcst time 0 hrs:from 201608051200
- 627:Low cloud cover:% (instant):lambert:unknown:level 0 214:fcst time 0 hrs:from 201608051200
- 628:Medium cloud cover:% (instant):lambert:unknown:level 0 224:fcst time 0 hrs:from 201608051200
- 629:High cloud cover:% (instant):lambert:unknown:level 0 234:fcst time 0 hrs:from 201608051200
- 630:Total Cloud Cover:% (instant):lambert:unknown:level 0 10:fcst time 0 hrs:from 201608051200
- 631:Pressure:Pa (instant):lambert:cloudBase:level 0:fcst time 0 hrs:from 201608051200
- 632:Geopotential Height:gpm (instant):lambert:cloudBase:level 0:fcst time 0 hrs:from 201608051200
- 633:Geopotential Height:gpm (instant):lambert:unknown:level 0 215:fcst time 0 hrs:from 201608051200
- 634:Pressure:Pa (instant):lambert:cloudTop:level 0:fcst time 0 hrs:from 201608051200
- 635:Geopotential Height:gpm (instant):lambert:cloudTop:level 0:fcst time 0 hrs:from 201608051200
- 636:Convective cloud cover:% (instant):lambert:unknown:level 0 244:fcst time 0 hrs:from 201608051200
- 637:Upward long-wave radiation flux:W m\*\*-2 (instant):lambert:nominalTop:level 0:fcst time 0 hrs:from 201608051200
- 638:Downward short-wave radiation flux:W m\*\*-2 (instant):lambert:surface:level 0:fcst time 0 hrs:from 201608051200
- 639:Storm relative helicity:J kg\*\*-1 (instant):lambert:heightAboveGroundLayer:levels 3000-0 m:fcst time 0 hrs:from 201608051200
- 640:Storm relative helicity:J kg\*\*-1 (instant):lambert:heightAboveGroundLayer:levels 1000-0 m:fcst time 0 hrs:from 201608051200

- $641: U-component\ storm\ motion: m\ s^{**-1}\ (instant): lambert: height Above Ground Layer: levels\ 0-6000\ m: fcst\ time\ 0\ hrs: from\ 201608051200$
- 642:V-component storm motion:m s\*\*-1 (instant):lambert:heightAboveGroundLayer:levels 0-6000 m:fcst time 0 hrs:from 201608051200
- 643:Vertical u-component shear:s\*\*-1 (instant):lambert:heightAboveGroundLayer:levels 0-1000 m:fcst time 0 hrs:from 201608051200
- 644:Vertical v-component shear:s\*\*-1 (instant):lambert:heightAboveGroundLayer:levels 0-1000 m:fcst time 0 hrs:from 201608051200
- 645:Vertical u-component shear:s\*\*-1 (instant):lambert:heightAboveGroundLayer:levels 0-6000 m:fcst time 0 hrs:from 201608051200
- 646: Vertical v-component shear:s\*\*-1 (instant):lambert:heightAboveGroundLayer:levels 0-6000 m:fcst time 0 hrs:from 201608051200
- 647:Best (4-layer) lifted index:K (instant):lambert:pressureFromGroundLayer:levels 18000-0 Pa:fcst time 0 hrs:from 201608051200
- 648:Convective available potential energy:J kg\*\*-1 (instant):lambert:pressureFromGroundLayer:levels 18000-0 Pa:fcst time 0 hrs:from 201608051200
- $649: Convective\ inhibition: J\ kg**-1\ (instant): lambert: pressure From Ground Layer: levels\ 18000-0\ Pa: fcst\ time\ 0\ hrs: from\ 201608051200$
- 650:Planetary boundary layer height:m (instant):lambert:surface:level 0:fcst time 0 hrs:from 201608051200
- 651:Geopotential Height:gpm (instant):lambert:adiabaticCondensation:level 0:fcst time 0 hrs:from 201608051200
- 652:Convective available potential energy:J kg\*\*-1 (instant):lambert:pressureFromGroundLayer:levels 9000-0 Pa:fcst time 0 hrs:from 201608051200
- 653:Convective inhibition:J kg\*\*-1 (instant):lambert:pressureFromGroundLayer:levels 9000-0 Pa:fcst time 0 hrs:from 201608051200
- 654:Convective available potential energy:J kg\*\*-1 (instant):lambert:pressureFromGroundLayer:levels 25500-0 Pa:fcst time 0 hrs:from 201608051200
- 655:Convective inhibition:J kg\*\*-1 (instant):lambert:pressureFromGroundLayer:levels 25500-0 Pa:fcst time 0 hrs:from 201608051200
- 656:Geopotential Height:gpm (instant):lambert:unknown:level 0 247:fcst time 0 hrs:from 201608051200
- 657:Pressure of level from which parcel was lifted:Pa (instant):lambert:pressureFromGroundLayer:levels 25500-0 Pa:fcst time 0 hrs:from 201608051200
- 658:Land-sea mask:(0 1) (instant):lambert:surface:level 0:fcst time 0 hrs:from 201608051200
- 659:Sea-ice cover:(0 1) (instant):lambert:surface:level 0:fcst time 0 hrs:from 201608051200