

15 December 1944

OPERATIONS ORDER 290.
WEATHER ANNEX.

SYNOPTIC SITUATION 0600Z. Pressure falls over Europe indicate recession of Siberian high to east and approach of frontal system from west of Ireland. Very cold air coming into central Europe from Siberian high. Air no. over Italy has partial Mediterranean trajectory. Trough over Adriatic and Greece expected to continue.

FORECAST:

BASE: Sky: 7-8/10 stratocumulus, base 2000' MSL, tops 6000'.

Air-Ground Visibility: 3-5 miles in light fog.

Upper Data: 5000' 280 deg. 10 kts. ----- 00 C.
10000' 300 deg. 15 kts. minus 09 C.
15000' 300 deg. 20 kts. minus 18 C.

ROUTE: Sky: stratocumulus continuing to coast, becoming broken multilayer, tops 10-12,000' over Adriatic, with some clearing over east Adriatic. 8-10/10 cumulus and altocumulus, tops 16,000' over N. Italy and Alps, decreasing to 8-10/10 cumulus, tops 12-14,000' north of Alps.

Air-Ground Visibility: 10-15 miles south of Alps. Unlimited visibility aloft north of Alps but extensive snow showers and snow cover will seriously limit ground visibility:

Upper Data: 15000' 310 deg. 15 kts. minus 09 C.
20000' 300 deg. 20 kts. minus 19 C.
25000' 270 deg. 30 kts. minus 29 C.

TARGET: Sky: 8-10/10 cumulus and altocumulus, tops 12,000'. Few cirrus above 25,000'.

Air-Ground Visibility: Unlimited aloft. 5-10 miles on ground due to haze and snow cover.

Surface wind: Southeast at 10-15 mph.

Upper Data: 10000' 210 deg. 25 kts. minus 12 C.
15000' 220 deg. 30 kts. minus 20 C.
20000' 230 deg. 35 kts. minus 41 C.

RETURN: Similar to route out. 5-7/10 cumulus, base 3000' MSL over fields on return.

ALTERNATE FIELDS: Foggia areas best.

By command of Brigadier General ACHESON:

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