

14 November 1944

OPERATIONS ORDER # 249 and 250
WEATHER ANNEX.

SYNOPTIC SITUATION 0600Z. Area of low pressure from Scotland to south Italy with center over southeast England and northern Italy. The center countered over southeast England moving southwest and then southeast and the low over north Italy moving into north Adriatic and north Yugoslavia. Old occlusion through western Germany, central Italy becoming a cold front in vicinity of Florence and extending through the Tyrrhenian Sea and Mediterranean Sea south of Balearics. Wave formation probable in vicinity of Sicily due to parallel upper air flow along the front.

FORECAST:

BASE: Sky: 7-9/10 low clouds, base 3000' MSL tops 6-7000'. 3-4/10 middle clouds, base 10000' tops 12-14000'. 3-4/10 high clouds above 19000'.

Air-Ground Visibility: 20 miles.

Upper Data: 5000' 280 deg. 25 kts. plus 03 C.
10000' 270 deg. 25 kts. minus 07 C.
15000' 260 deg. 35 kts. minus 16 C.

ROUTE: Sky: Middle and high clouds increasing to 7-10/10 in layers from 8-25000' in Adriatic east of Ancona. NOTE: Conditions should be better along the east coast of Italy than along the Yugoslav coast. These conditions should continue to north, but should break slightly over Alps and north of Alps to more definite layers.

Air-Ground Visibility: 20 miles lowering to 10-15 miles in North Adriatic.

Upper Data: 10000' 270 deg. 25 kts. minus 08 C.
15000' 260 deg. 35 kts. minus 18 C.
20000' 230 deg. 25 kts. minus 29 C.

TARGET: Sky: 5-6/10 low clouds, tops 7000'. 8-10/10 middle clouds in layers from 12-16000'. 6-8/10 high clouds bases 18000' tops 25000'.

Air-Ground Visibility: 10-15 miles.

Surface Winds: West to southwest 5 to 8 miles per hour.

Upper Data: 15000' 160 deg. 20 kts. 150 deg. 20 kts. minus 20 C.
20000' 160 deg. 25 kts. 150 deg. 30 kts. minus 30 C.
25000' 170 deg. 25 kts. 160 deg. 35 kts. minus 40 C.

Note: Target areas should be lightly snow covered.

RETURN: Similar to route out with 5-7/10 middle and high clouds base 12000' and 4-6/10 low clouds, base 4000' tops 7-8000' over bases. Scattered showers in south Italy.

ALTERNATE FIELDS: All areas should remain open with Foggia best.

By command of Brigadier General ACHESON:

ALTON BUNDICK,
1st Lt. Air Corps,
Asst Wing Wea Officer.