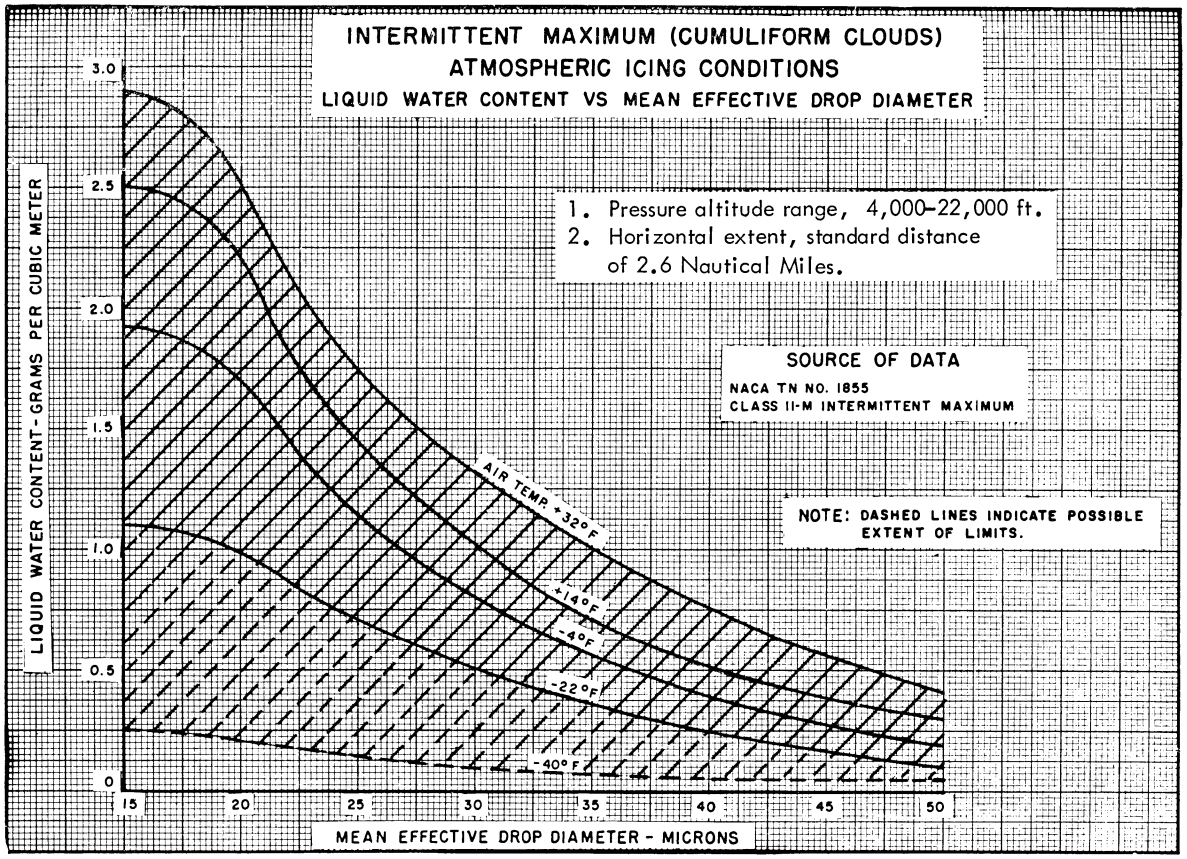
FIGURE 4


INTERMITTENT MAXIMUM (CUMULIFORM CLOUDS)
ATMOSPHERIC ICING CONDITIONS
LIQUID WATER CONTENT VS MEAN EFFECTIVE DROP DIAMETER
1. Pressure altitude range, 4,000-22,000 ft.
2. Horizontal extent, standard distance of 2.6 Nautical Miles.
SOURCE OF DATA
NACA TN NO. 1855
CLASS II-M INTERMITTENT MAXIMUM
NOTE: DASHED LINES INDICATE POSSIBLE EXTENT OF LIMITS.
AIR TEMP +32°F
+14°F
-4°F
-22°F
-40°F
LIQUID WATER CONTENT-GRAMS PER CUBIC METER
3.0
2.5
2.0
1.5
1.0
0.5
0
15
20
25
30
35
40
45
50
MEAN EFFECTIVE DROP DIAMETER - MICRONS