

## INDEX

- background signatures, 2-4
- battlefield environment, 1-2
  - factors 1-2
  - interactive, 2-1
- battlefield-induced contaminants, 2,3
  - sources, 2-3
  - ice fog, 2-3
- climatology, 2-7
- Commander's requirements, 3-1
  - establishing requirements, 3-2
- critical weather values, 1-2
  - selection criteria, 3-4
  - sources, 4-2
  - value selection, 3-4
- dispersed operations, 1-3
- FALOP, 2-6
- ice fog, 2-3
- illumination, 2-4
  - E-O devices, 2-4
  - light data, 3-6
- intelligence preparation of the battlefield (IPB).
  - overlays, 2-14
  - templates, 2-12
  - weather impacts, 2-12
- light data, 3-6

## FM 34-81-1

protection of the force, 1-4

radio wave propagation, 3-7  
solar forecasts, 3-7

sea state conditions, 3-7  
tide information, 3-7

severe weather phenomena, 3-6  
unit support, 3-6

staff weather officer (SWO).  
echelons of assignment, 2-10  
responsibilities, 1-1  
support to G2, 2-9

terrain analysis team, 2-11  
product list, 2-13

USAF weather support, 2-9

weather briefings, 4-3

weather effects on terrain, 2-1

weather elements, 1-2  
critical values, 1-2  
description, 2-2  
interaction, 2-1  
other, 2-5  
selecting, 3-4

weather forecasts, 2-7  
establishing unit support, 3-2  
frequency of updates, 3-3  
periods, 3-2  
dissemination, 3-7  
time lines, 3-1

weather parameters, 2-1

weather observations, 2-6  
ARTYMET, 2-6  
belt weather kit, 2-6  
FALOP, 2-6

weather products, 2-5

weather support  
ARTYMET, 2-9  
sources, 2-8  
terrain analysis team, 2-12  
USAF WETMs, 2-8  
dissemination, 2-9

weather tactical decision aids, 1-3  
computer generated, 2-8  
applications, 4-1

weather team, 1-1