25th Operational Weather Squadron
Davis-Monthan AFB, AZ

Mission / Radar Operations Briefing
12 / 13 Oct 05
25 OWS TAC OVERVIEW

- 25 OWS mission
- Area of responsibility
- Special support
- Radar configuration and outfitting
- Routine / non-routine radar uses
Integrate timely, accurate, and relevant environmental information into western CONUS and Commander, USSOUTHCOM, military operations to maximize mission completion.
EXPLOIT WEATHER FOR VICTORY

OWS AORs

Antarctica
WEATHER WARNINGS IN EFFECT

FWA26 KGWC 091859
DAVIS MONTANA AFB
D. GENERAL THUNDERSTORMS
WITH NO HAIL AND VRB GUSTS LESS THAN 35 KNOTS
VALID FROM 091930Z TO 092330Z
0

FWA28 KGWC 091859
DEMING (TARS)
D. GENERAL THUNDERSTORMS
WITH NO HAIL AND VRB GUSTS LESS THAN 35 KNOTS
VALID FROM 091930Z TO 092330Z
0

FWA25 KGWC 091850
FORT HUACHUCA (TARS)
D. GENERAL THUNDERSTORMS
WITH NO HAIL AND VRB GUSTS LESS THAN 35 KNOTS
VALID FROM 091930Z TO 092330Z
0

PUTX5 KGWC 091734
MARFA (TARS)
D. GENERAL THUNDERSTORMS
WITH NO HAIL AND VRB GUSTS LESS THAN 35 KNOTS
VALID FROM 091000Z TO 092000Z
06
25 OWS Special Support

Predator-B UAV

TARS

EXPLOIT WEATHER FOR VICTORY
- Utilize 19 dedicated analog circuits and 4 VPN dial-in lines
- Major radar detectable weather concerns
- Secondary—but important weather concerns
25 OWS RADAR

- Clouds and icing
- What can we derive from all three base moments?
- What do we routinely overlook?
- The front is an easy mark
- The surface based moist layer—underutilized
- The cloud layer 110-140—completely missed
25 OWS RADAR

Questions?
EXPLOIT WEATHER FOR VICTORY

25th OPERATIONAL WEATHER SQ

THE HUNTERS EDGE