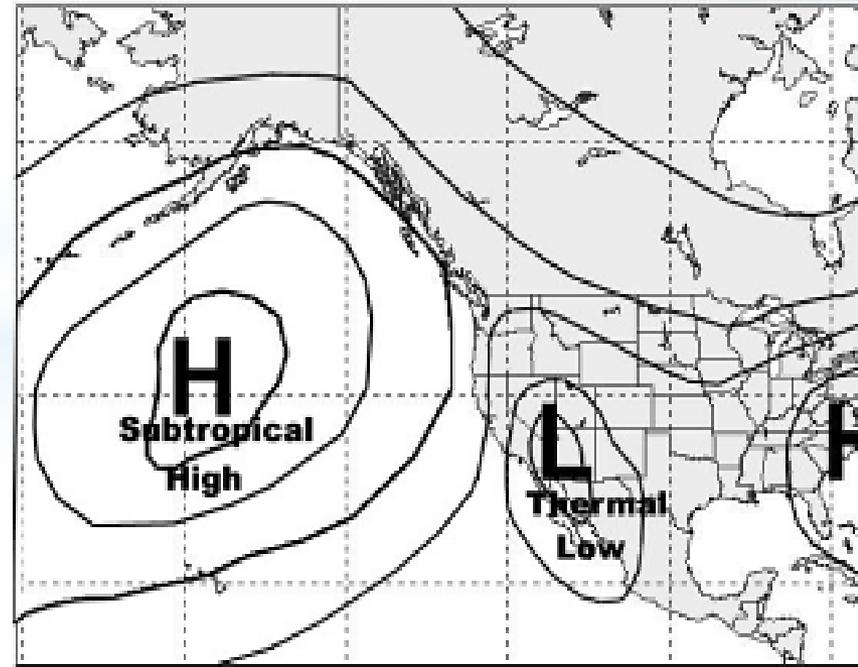


412<sup>th</sup> OSS/OSW  
Weather Flight

\* Edwards AFB Summer  
Weather Brief

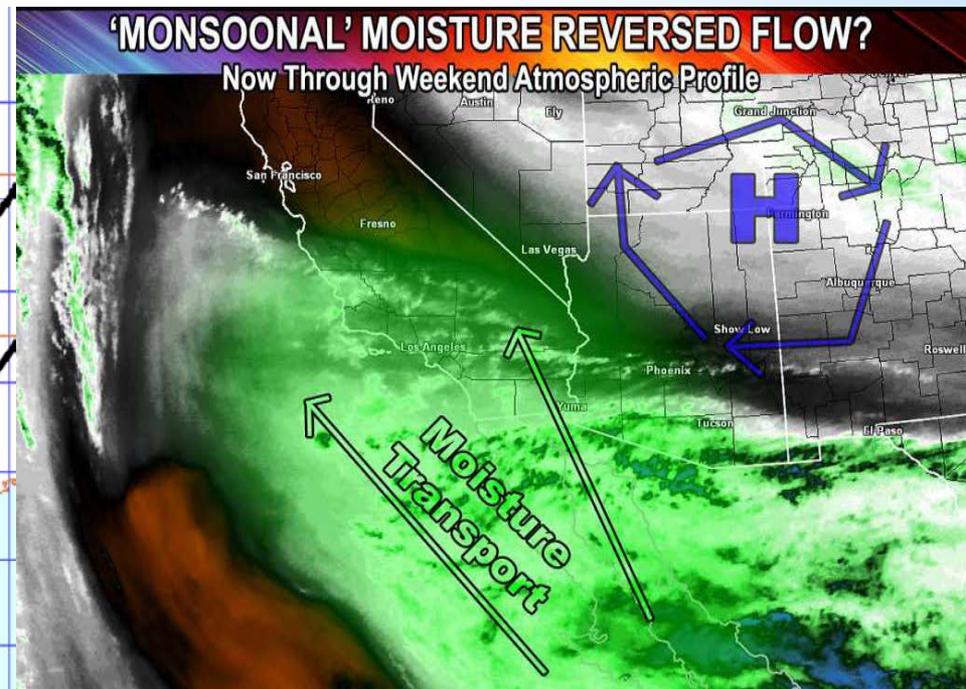
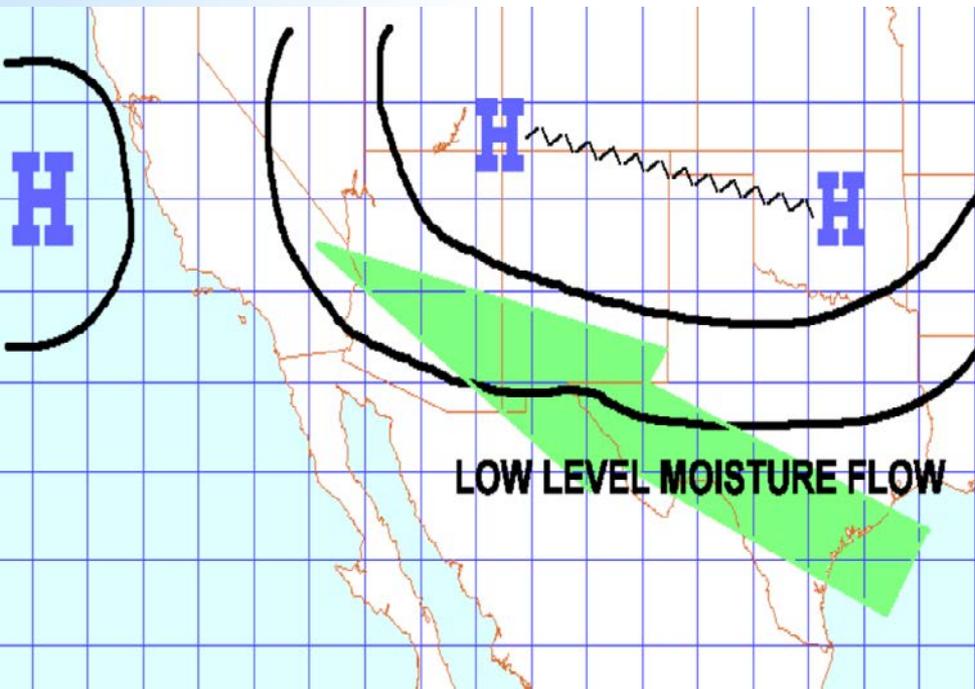
# \* Summer Synoptic Pattern

- Subtropical high pressure increases in intensity
- Polar front jet & associated storm tracks reorient northward into Canada
- Thermal low pressure develops in the Desert Southwest
  - Due to intense surface temperatures



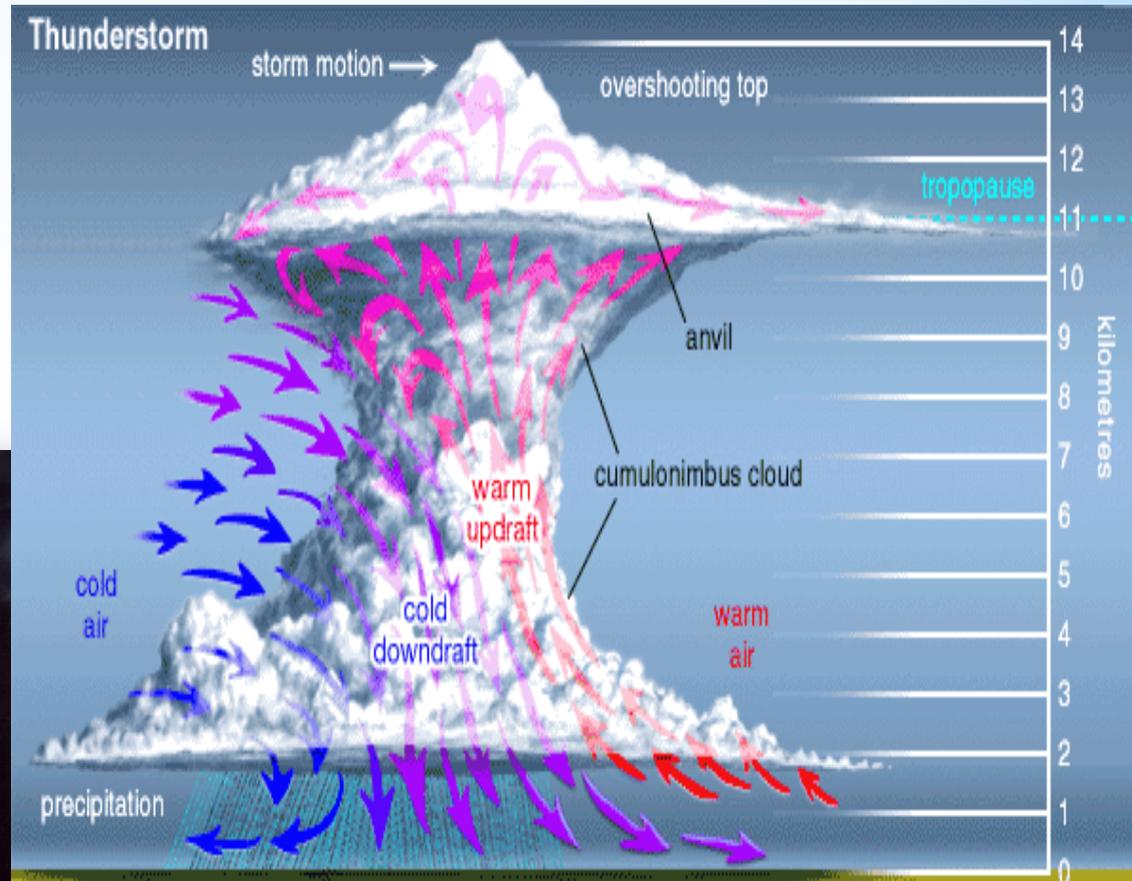
# \* Summer Weather

- Dominated by strong subtropical high pressure
  - Typically see 100+ degree temperatures
    - Heat stress potential
  - Breezy conditions in the afternoon
    - Results from temperature differences between High Desert/Coast
- Mostly Sunny skies and great visibility
- Monsoon season
  - Increased TSTM potential



# \* Aviation Hazards

- Thunderstorms/Lightning
  - Gust Fronts/Outflow Boundaries/Haboobs/Downbursts
  - Hail
- Strong marine layer presence along the coast
- Turbulence
  - Thermal
- Crosswinds
- Blowing Dust
- Extreme Temperatures
  - Heat Stress/FITS



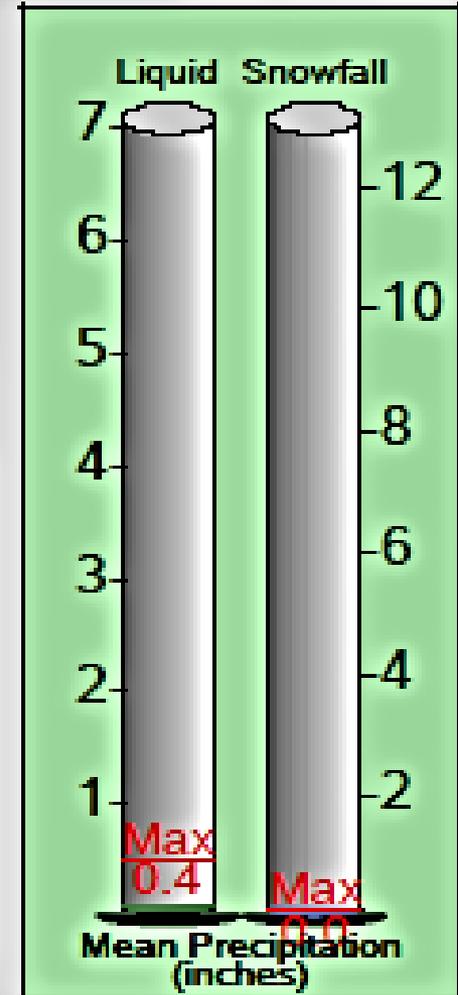
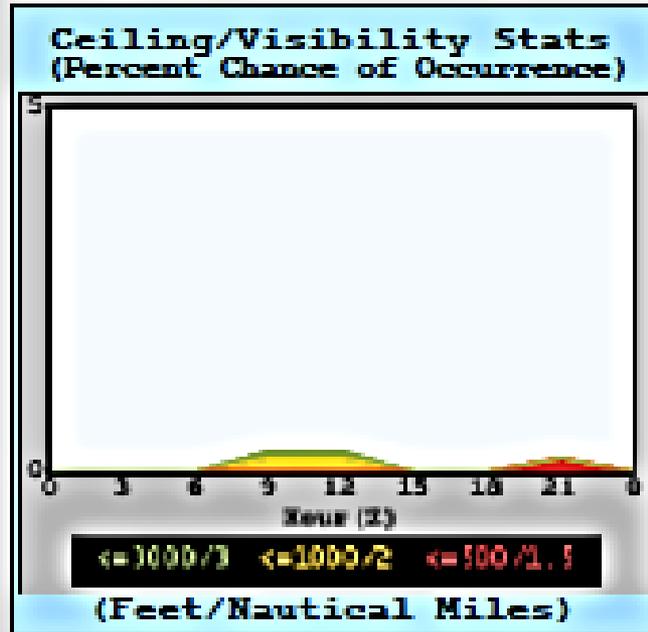
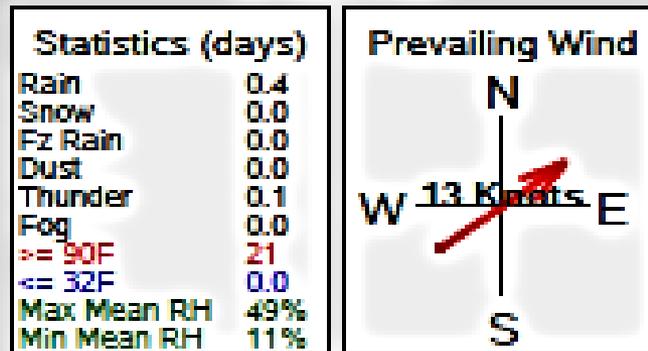
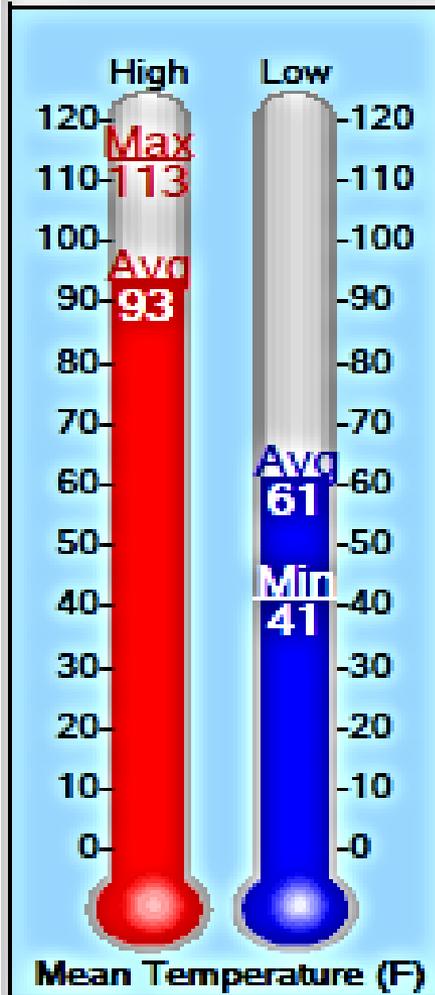


# June Climatology

EDWARDS AFB  
ICAO KEDW  
CA

14th Weather Squadron  
<https://www.afcc.af.mil>  
DSN: 673-9004

## June

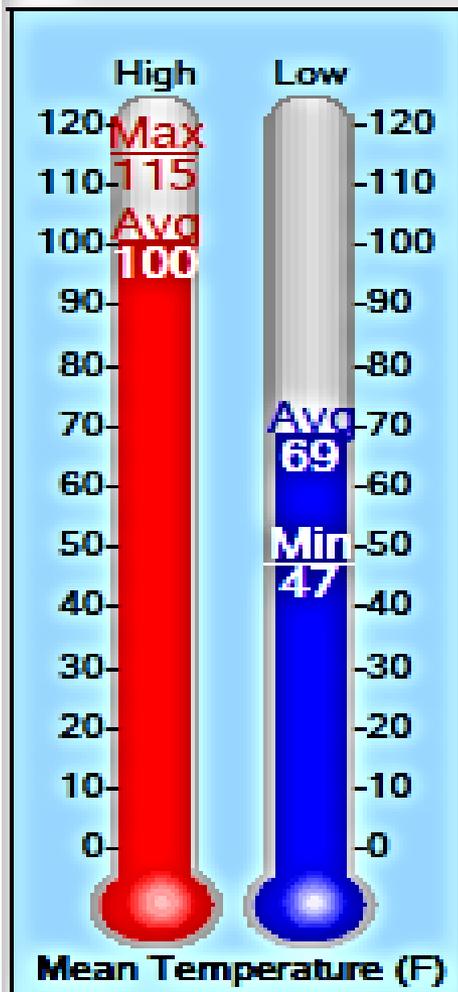


# \* July Climatology

EDWARDS AFB  
ICAO KEDW  
CA

## July

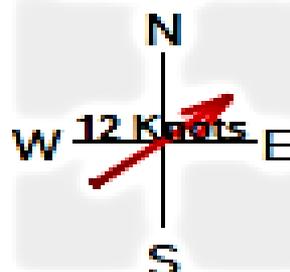
14th Weather Squadron  
<https://www.afcc.af.mil>  
DSN: 673-9004



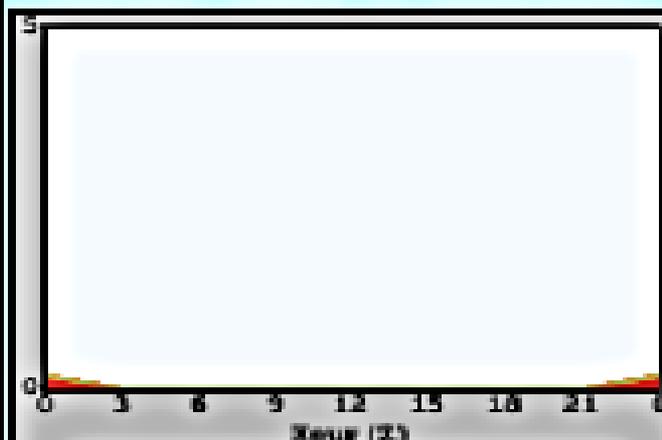
### Statistics (days)

Rain	3.0
Snow	0.0
Fz Rain	0.0
Dust	0.3
Thunder	2.1
Fog	0.1
>= 90F	30
<= 32F	0.0
Max Mean RH	46%
Min Mean RH	11%

### Prevailing Wind



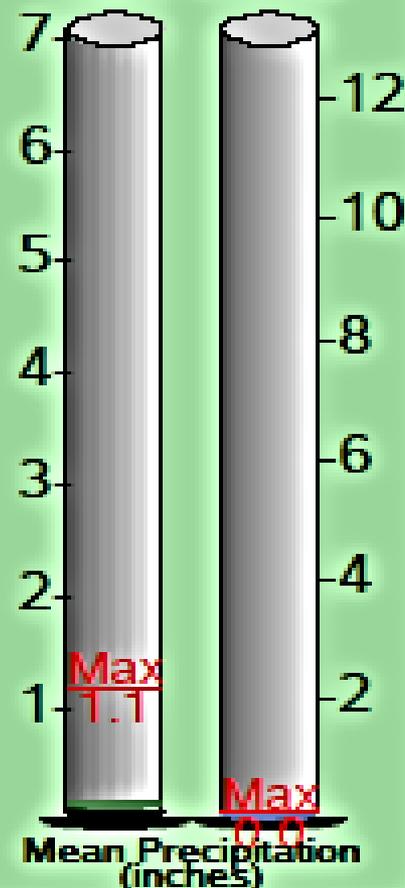
### Ceiling/Visibility Stats (Percent Chance of Occurrence)



<=3000/3 <=1000/2 <=500/1.5

(Feet/Nautical Miles)

### Liquid Snowfall

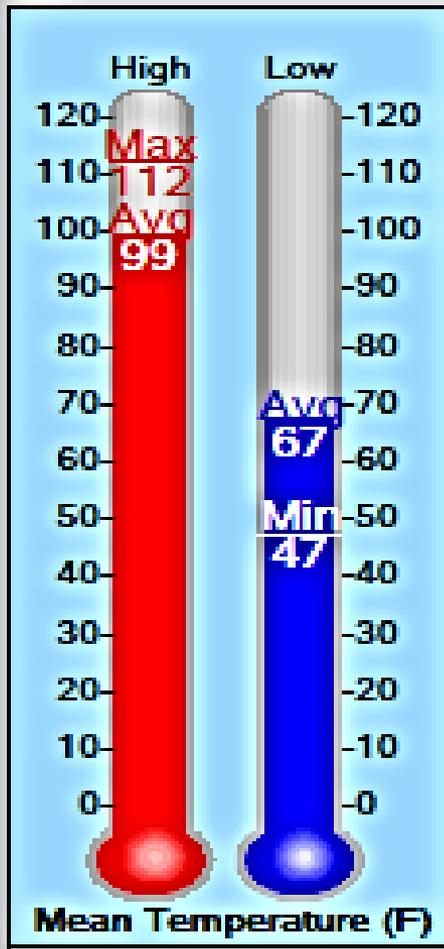


# \* August Climatology

EDWARDS AFB  
ICAO KEDW  
CA

14th Weather Squadron  
<https://www.afcc.af.mil>  
DSN: 673-9004

## August



Statistics (days)

Rain	2.3
Snow	0.0
Fz Rain	0.0
Dust	0.3
Thunder	2.3
Fog	0.0
>= 90F	30
<= 32F	0.0
Max Mean RH	44%
Min Mean RH	11%

