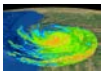
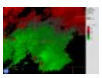
Weather radars

Name:

Draw a line to connect each pair of boxes

Reflectivity scale for precipitation mode is from 	Amount of transmitted power returned to the radar receiver after hitting its target
Beam blockage 	...shows the strongest reflected energy (highest dBZ) at all elevation scans, not just the reflected energy at a single elevation scan.
The constant altitude plan position indicator CAPPI 	...is the component of the target's motion that is along the direction of the radar beam. It provides information about wind speed and direction.
Zero values (grey color) of velocity... 	...indicates movements away from the radar.
Reflectivity scale for clear air mode is from... 	...indicates movements towards the radar.
Radar Reflectivity 	...indicates targets that are stationary or moving perpendicular to the radar beam.
Positive values (warm yelow to red colors) of velocities... 	Radar display which gives a horizontal cross-section of data at constant altitude.
Doppler radar 	-28 dbz to +28 dbz
Composite reflectivity... 	0 to 75 dbz
Dual-polarization radar... 	occurs when radar beams are partially or totally blocked by nearby obstacles.
Negative values (cool blue-green colors) of velocities... 	transmits and receives pulses in both a horizontal and vertical orientation.
Radial velocity... 	transmits a microwave signal off a desired target and analyzing how the object's motion has altered the frequency of the returned signal.