



ACROSS		DOWN	
1	A severe thunderstorm that has a rotating updraft.	2	Dry and warm air mass.
8	A tornado whose circulation hasn't reached the ground.	3	Thunderstorms in a line each in a different stage of their life cycle.
11	A vertical column of rotating air within a supercell thunderstorm.	4	A boundary that separates a cold downdraft of a thunderstorm from warm, humid surface air.
14	Describes the life cycle of mid-latitude cyclones.	5	A mid-latitude cyclone that starts in Oklahoma.
15	A mid-latitude cyclone that starts in Canada.	6	Cold and moist air mass.
16	Newest tornado rating scale.	7	When warm and cold air are next to each other, winds blowing in opposite parallel directions.
21	When warm air replaces cold air, typically light rain over a larger area for a long time.	9	The development of a mid-latitude cyclone.
22	When air moves up and over another layer of air.	10	Warm and moist air mass.
24	Transition zone between two air masses.	12	Where an air mass is born.
25	When a cold front overtakes a warm front.	13	When cold air replaces warm air, typically violent weather, over a small area for a short time.
26	An intense rotating column of air protruding from a severe thunderstorm.	17	Thunderstorm produced by local convection in an unstable air mass.
27	Distant lightning that illuminates the sky but is too far away for thunder to be heard.	18	Special name for very cold and dry (northern) air mass.
28	A visible electrical discharge produced by thunderstorms.	19	The sounds due to rapidly expanding gases due to lightning.
29	Cold and dry air mass.	20	Initial discharge of electrons that proceeds intermittently toward the ground before the flash of lightning.
30	An area of rotating cloud that extends beneath a supercell thunderstorm and can produce a funnel cloud.	23	Final stage of a thunderstorm with only downdrafts.
31	A large body of air with similar temperature and moisture characteristics.	32	Second stage of a thunderstorm with up and down drafts, heavy rain, lightning, and thunder.
34	Small rapidly rotating whirls found in larger tornadoes.	33	A mid-latitude cyclone that starts in the Gulf of Mexico but ends up impacting the Northeast.
35	The luminous first stroke that propagates up from the ground to the cloud base.		
36	Low pressure system that impacts Hawaii in Winter.		
37	The first stage of a thunderstorm with mostly upward moving warm and moist air.		
38	When strong convection penetrates into the stable layer on top of a severe thunderstorm.		
39	Repeated lightning strikes after the first strike.		
40	Original tornado rating scale.		