PUZZLES & EARTH SCIENCE

WEATHER PATTERNS & METEOROLOGY

15x15 Atmospheric Grid * 20 Meteorological Phenomena & Instruments

SOLVER TIME & SCORE
Start: ___:___ Stop: ___:___
Difficulty: [ ] Easy [ ] Med [ ] Hard

B	A	R	O	M	E	T	E	R	A	N	E	M	O	M
T	O	R	N	A	D	O	C	Y	C	L	O	N	E	E
A	U	R	O	R	A	H	U	R	R	I	C	A	N	T
T	R	O	P	O	S	P	H	E	R	E	M	O	N	E
P	R	E	C	I	P	I	T	A	T	I	O	N	O	R
J	E	T	S	T	R	E	A	M	F	O	G	G	H	J
S	T	R	A	T	U	S	C	I	R	R	U	S	K	L
C	U	M	U	L	O	N	I	M	B	U	S	T	H	A
L	I	G	H	T	N	I	N	G	M	O	N	S	O	O
B	L	I	Z	Z	A	R	D	H	A	I	L	S	T	O
D	R	O	U	G	H	T	A	N	T	I	C	Y	C	L
F	R	O	N	T	I	S	O	B	A	R	W	I	N	D
H	U	M	I	D	I	T	Y	V	A	P	O	R	D	E
P	R	E	S	S	U	R	E	A	T	M	O	S	P	H
W	E	A	T	H	E	R	C	L	I	M	A	T	E	Z

ATMOSPHERIC TERMS

[ ] BAROMETER
[ ] ANEMOMETER
[ ] TORNADO
[ ] CYCLONE
[ ] AURORA
[ ] HURRICANE
[ ] TROPOSPHERE
[ ] PRECIPITATION
[ ] JET STREAM
[ ] CIRRUS
[ ] STRATUS
[ ] CUMULONIMBUS
[ ] LIGHTNING
[ ] MONSOON
[ ] BLIZZARD
[ ] HAILSTORM
[ ] DROUGHT
[ ] ANTICYCLONE
[ ] ISOBAR
[ ] HUMIDITY

WEATHER STATION OBSERVATION LOG & CLOUD ATLAS

CLOUD CLASSIFICATION

High (6km+): Cirrus, Cirrostratus

Mid (2-6km): Altocumulus, Altostratus

Low (0-2km): Stratus, Stratocumulus

Vertical: Cumulonimbus (Thunder)

Fog: Ground-level stratus droplet

BAROMETRIC SCALE

Standard Sea Level: 1013.25 hPa

High Pressure: Clear & dry skies

Low Pressure: Stormy front rising

Isobars: Lines of equal pressure

Coriolis: Planetary wind deflection

METEOROLOGIST LOG

Station ID: _____

Barometer: _____ hPa

Wind Speed & Dir: _____ kts

Time to Solve: _____

Forecast: [ ] Fair [ ] Tempest

METEOROLOGY FIELD LOG & SYNOPTIC CHART NOTES: