

FEDERAL METEOROLOGICAL FORM 1-10 SURFACE WEATHER OBSERVATIONS (ABBREVIATED FORM FOR USE AT AWS STATIONS)													LATITUDE	LONGITUDE	STATION ELEVATION (H _p)	TIME CONVERSION	MAG TO TRUE	DAY	MONTH	YEAR	STATION AND STATE OR COUNTRY			
													37°4'N	85°5'W	763	(LST to GMT)	5 Hrs	0 Deg	03	APR	1974	FT. KNOX KY.		
TYPE OF TIME (1)	TIME (LST) (2)	SKY CONDITION (3)	DVLG VSBY (miles) (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRES (ms) (6)	TEMP (°F) (7)	DEW-POINT (°F) (8)	WIND			ALSTG (inches) (12)	REMARKS AND SUPPLEMENTARY CODED DATA (13)	STATION PRESSURE (inches) (17)	TOTAL SKY COVER (21)	OBS INIT (15)									
								TRUE DRCTN (9)	SPEED (knots) (10)	CHARAC TER (11)														
R	0555	40 (1) 100 (4)	7			63	52	14	10		965		10	Z										
R	0655	20 (1) 40 (1) 100 (1) 250 (4)	7		036	64	54	15	09		965	815 1878	28.840	10	TL									
R	0755	20 (1) 100 (1) 250 (4)	7			66	56	16	10		963		10	TL										
S	0845	M 25 (1) 40 (4)	7					18	09	621	963			TL										
S	0850	M 25 (1) 40 (4)	7					18	12		963	T 850 W MOVG NE OCNL LTGIC		TL										
R	0855	M 25 (1) 40 (4)	7	T		68	58	18	09	618	963	T W MOVG NE OCNL LTGIC PK WIND 18/21 42	10	TL										
S	0903	M 25 (1) 40 (4)	7	TRW-				17	12	618	963	T W MOVG NE OCNL LTGIC		TL										
S	0915	M 25 (1) 40 (4)	7	T				16	13	619	963	T N MOVG NE OCNL LTGIC		TL										
S	0925	25 (1) 100 (4)	7					16	08	618	962	T E 25 MOVG NE		TL										
R	0955	25 (1) 40 (1) 100 (4)	7		031	69	59	18	10		963	PK WIND 17/19 03 / 505 1871	28.825	10	TL									
R	1055	25 (1) 100 (1) 250 (4)	7			75	62	19	14	624	958			TL										
R	1155	E 30 (1) 250 (4)	7			80	63	18	14	628	954			TL										
R	1255	25 (1) 100 (1) 250 (4)	7		2985	80	61	19	10	626	950	743.00 1AOP	28.700	8	UF									
R	1355	25 (1) 100 (1) 250 (4)	7			80	61	19	20	630	944	PRESFR	10	UF										
R	1425	25 (1) 100 (1) 250 (4)	7			80	61	19	18	630	939	ACMAM NW MOVG NE		UF										
R	1455	25 (1) 100 (1) 250 (4)	7			80	61	19	14	634	939	PK WIND 19/35 40	10	UF										
S	1524	25 (1) 100 (1) 250 (4)	7	T				19	12	632	942	T B 24 NW MOVG NE OCNL LTGIC		UF										
R	1555	20 (1) 100 (1) 250 (4)	7	T	E944	80	61	18	12	622	935	T ALQDS MOVG NE OCNL LTGICCG PK WIND 19/21 1904	28.580	10	UF									
S	1611	20 (1) 100 (1) 250 (4)	7	TRW-				16	14		935	T ALQDS MOVG NE OCNL LTGICCG		UF										
S	1621	20 (1) 100 (1) 250 (4)	7	TRW-				19	20	636	934	T ALQDS MOVG NE OCNL LTGICCG STATE POLICE REPORT		UF										
S	1645	10 (1) 20 (1) 100 (1) 250 (4)	7	TRW-				16	18	636	935	TORNADO 5N FTK TOUCHED DOWN TWICE 2105		UF										
R	1655	10 (1) M 22 (1) 250 (4)	4	TRW-		69	62	21	16	624	940	T ALQDS MOVG NE OCNL LTGICCG VSBY AND CLDS LWR SW MOVG. R/DLY NE	10	UF										
R	1707	10 (1) M 22 (1) 250 (4)	7	T				19	10	620	939	T N-NE MOVG NE OCNL LTGICCG		UF										
S	1714	10 (1) 100 (1) 250 (4)	7					19	10		939	T EWP MOVG NE		UF										
R	1755	15 (1) 100 (1) 250 (4)	7			69	59	20	06		939	CB W-E MOVG N PK WIND 19/14 02	7	GM										
R	1839	15 (1) 100 (1) 250 (4)	7	TRW-				23	06		938			GM										
R	1855	15 (1) 100 (1) 250 (4)	7	RW-		999	73	61	21	10	937	CB NW-S MOVG NE / 80316 1903	28.590	7	GM									
S	1904	40 (1) 250 (4)	7					21	10		937	CB N-S MOVG NE		GM										
R	1955	40 (1) 250 (4)	7			73	61	20	13	620	937	UNCONFIRMED TORNADO 25S FTK MOVMT UNKN 0020 FQT	2	GM										
R	2055	40 (1) 250 (4)	7			71	61	19	13	620	939	LTGICCG NE-SE		GM										
R	2155	45 (1) 250 (4)	7		951	72	62	18	15	621	940	FQT LTGIC NE-SE	28.600	1	GM									
R	2255	40 (1) 250 (4)	7			71	62	18	15	622	943	DSNT LTG E 1310 1500		GM										
R	2356	25 (1) 250 (4)	7			70	62	17	15	624	941	DSNT LTG W		GM										

SYNOPTIC DATA					STATION PRESSURE COMPUTATION					SUMMARY OF THE DAY					REMARKS, NOTES, AND MISCELLANEOUS PHENOMENA (20)					
TIME (LST)	NO.	PRECIP (inches)	SNOW FALL (in)	SNOW DEPTH (in)	TIME (LST)	ATT THERM	OBSRVD BAR	TOTAL CORR	STA PRESS	BAROGRAPH	BAR CORR	PRECIP (in)	SNOW FALL (in)	SNOW DEPTH (in)	ACTIVE RWY	RWY NO.	TIME (LST)	RWY NO.	TIME (LST)	RWY NO.
Mid to																				
0650	(1)	0	0	0								16	0	0	0650	17				
1850	(3)	1.6	0	0																
Mid												36	16	1641						

T ALQDS MOVG NE OCNL LTGICCG STATE POLICE REPORT TORNADO 5N FTK TOUCHED DOWN TWICE 2105: Thunder was heard from all directions with frequent lightning. State Police reported two tornado touchdowns five miles north of Fort Knox (no such tornadoes appear in the historical database).

UNCONFIRMED TORNADO 25S FTK MOVMT UNKN 0020 FQT LTGICCG NE-SE: A tornado was reported 25 miles south of Fort Knox...probably the Elizabethtown F4. Frequent lightning northeast through southeast of Fort Knox.