

## MISSOURI DEPARTMENT OF AGRICULTURE DIVISION OF WEIGHTS, MEASURES AND CONSUMER PROTECTION LAND SURVEY PROGRAM

## **OBSERVATION LOG**

SEATON RESIDENTIAL PARTY  OFFICE STATION DESERVED DURING THIS SESSION OF PROVING  OTHER STATION DESERVED DURING THIS SESSION OF PROVING  NORTH LITTLE  NAME LONG TO SERVED DURING THIS SESSION OF PROVING  NORTH LITTLE  NAME SESSION TO ABLE CETC.  SCOOLAN SESSION THIS BUTC.  Meters  SCOOLAN SESSION THIS BUTC.  Meters  SCOOLAN SESSION THIS BUTC.  SCOOLAN SESSION THIS BUTC.  Meters  SCOOLAN SESSION THIS BUTC.  SCOOLAN SESSION THIS BUTC.  Meters  SCOOLAN SESSION THIS BUTC.  SCOOLAN SESSION THIS BUTC.  Meters  SEND THIS THIN THIS BUTC.  SOOLAN SESSION THIS BUTC.  METERS  SOOLAN SENDING MAD MODEL.  PIN  SIN  FIRM THIS THIN THIS THIN THIS THIS THIN THIN THIS THIN THIN THIN THIS THIN THIS THIN THIS THIN THIN THIS THIN THIS THIN THIN THIN THIN THIN THIN THIN THIN	OBSERVATION LOG									
OTHER STATIONS DESERVED DURING THIS SESSION IF KNOWN)  NADISLLONG TUDE  NADISLLONG TUDE  NADISLLONG TUDE  NADISLLONG TUDE  NADISLLONG TUDE  NADISLLONG TUDE  NADISLONG TUDE  NADISL STATION 4 CHARACTER ID  NADISL SCORE  NADISSLUPS CODE, HEIGHT  Meters  CEOGRO GEOD HEIGHT  Meters  CEOGRO GEOG HEIGHT  Meters  CEOGRO GEOG HEIGHT  Meters  CEO						PID, IF ANY		DATE (UTC)		
Modes activations    Modes Light   Modes   Mod	GENERAL LOCATION		STATION	SERIAL NUMBE	R (SSN)	DAY OF YEAR				
Meters   M	OTHER STATIONS OBSERVED DURING THIS S		SESSION	ID (A,B,C ETC.)		STATION 4-CHARACTER ID				
Schedule Start	NAD83 LATITUDE	NA NA	AD83 LONGITUDE				NAD83 ELLIF	SOIDAL HEIGHT		
Schedule Start Stop	0 1	н	0	1		"			Meters	
ACTUAL STATE STOP Degrees Selection HEIGHT  ACTUAL STATE NAME OPERATOR FULL NAMEMIDDLE INITIAL PHONE NUMBER  RECEIVER AND ANTENNA  RECEIVER AND ANTENNA  RECEIVER BRAND AND MODEL  P/N  S/N  CABLE LENGTH, METERS  CHECK YES OR NO.  Antenna Plumb Before Session?  Antenna Plumb After Session?  Antenna Plumb After Session?  Antenna Oriented to True North?  VES NO  Antenna Oriented to True North?  VES NO  Antenna Ground Plane Used?  If NO, PLEASE EXPLAN  REPOD OR ANTENNA MOUNT  TRIPOD OR ANTENN	OBSERVATION SESSION TIMES (UTC)		EPOCH INTERV	AL =		NAVD88 ORTHOMETRIC HEIGHT				
ACTUAL STATE STOP DEGREES Meters    ACTUAL NAME   OPERATOR FULL NAME   OPERATOR FULL NAME MIDDLE INITIAL   PHONE NUMBER   E-MAIL ADDRESS	Schedule Start Stop			Seconds			Meters			
RECEIVER AND ANTENNA  RECEIVER RAND ANTENNA  RECEIVER RAND AND MODEL  P/N  S/N  S/N  CABLE LENGTH, METERS  CHECKYES OR NO.  Antenna Plumb Before Session?  Antenna Plumb Before Session?  Antenna Plumb After Session?  Antenna Oriented to True North?  Weather Observed at Antenna Height?  PES NO  Radio Interference Source Nearby?  FNO, PLEASE EXPLAIN  REPORT SESSION BEGINS  AFTER SESSION BEGINS  AFTER SESSION BEGINS  AFTER SESSION BEGINS  METERS  FRET  A = Datum point to Top of Tripod (Tripod Height)  B = Additional offset to ARP if any (Tribach/Spacer)  PSychrometer Brand and Model (if used)  P/N  Height entered into Receiver =meters  Meters = Feet x (0.3048)  Note and/or sketch ANY unusual conditions. Be very explicit as to where and how measured!	_		ELEVATION MASK =			GEOID09 GEOID HEIGHT				
RECEIVER RAND ANTENNA  RECEIVER RAND AND MODEL  P/N  S/N  Firmware Version    Camoorder Battery   12V DC   110V AC   Other   Vehicle parked   meters   (direction) from antenna  OHEOKYES OR NO.  Antenna Plumb Before Session?  Antenna Plumb Before Session?   YES   NO   Channa Radome Used?   YES   NO   Antenna Oriented to True North?   YES   NO   Antenna Oriented to True North?   YES   NO   Antenna Ground Plane Used?   YES   NO   Antenna Ground Plane Used?   YES   NO   NO   PVES   NO   Antenna Ground Plane Used?   YES   NO   NO   NO   NO   NO   NO   NO   N					rees	E MANUAR				
ATTENNA CODE', BRAND AND MODEL  P/N  S/N  Firmware Version  CABLE LENGTH, METERS  CHECK YES OR NO.  Antenna Radome Used?  CH	AGENCY FULL NAME	OPERATOR FULL NAME/M	IIDDLE INITIAL	PHONE NUMBER		E-MAIL ADDRESS				
ATTENNA CODE', BRAND AND MODEL  P/N  S/N  S/N  Firmware Version  CABLE LENGTH, METERS  C	RECEIVER AND ANTENNA									
S/N    S/N   S/N   S/N   CABLE LENGTH, METERS   CABLE LENGTH, METERS				ANTENNA CODE*,	BRAND AN	D MODEL				
Cable Length, Meters	P/N									
Cable Length, Meters	0/14									
Camcorder Battery   12V DC   110V AC   Other	S/N			S/N						
TRIPOD OR ANTENNA MOUNT		CABLE LENGTH, METERS								
CHECK YES OR NO.  Antenna Plumb Before Session? Antenna Plumb Before Session? Antenna Plumb After Session? Antenna Plumb After Session? Antenna Oriented to True North? Weather Observed at Antenna Height? Antenna Ground Plane Used?   YES   NO	•			Vehicle parked meters (direction) from enterpo						
Antenna Plumb Before Session? Antenna Plumb After Session? Antenna Oriented to True North? Weather Observed at Antenna Height? Antenna Ground Plane Used?  IF NO, PLEASE EXPLAIN    YES   NO   NO   NO   NO   NO   NO   NO   N										
Antenna Plumb After Session? Antenna Oriented to True North? Weather Observed at Antenna Height? Antenna Ground Plane Used?  IF NO, PLEASE EXPLAIN    TRIPOD OR ANTENNA MOUNT   TRIPOD OR ANTENNA MOUNT. CHECK ONE.   Trived Mount Brand and Model (if used)   Factor of the Company	Antenna Plumh Refore Session?	□ VES □	NO							
Antenna Oriented to True North? Weather Observed at Antenna Height? Antenna Ground Plane Used?    FINO, PLEASE EXPLAIN										
Antenna Ground Plane Used?  IF NO, PLEASE EXPLAIN  IF YES, USE VISIBILITY FORM TO DESCRIBE    TRIPOD OR ANTENNA MOUNT   TRIPOD OR ANTENNA MOUNT. CHECK ONE.   Tripod OR ANTENNA MOUNT. CHECK ONE.   Tripod (Collapsible-leg Tripod   Fixed-leg Tripod   Fixed Mount Brand and Model   P/N   B = Additional offset to ARP if any (Tribach/Spacer)   B = Additional offset to ARP if any (Tribach/Spacer)   Collapsible-leg Tripod   B = Additional offset to ARP if any (Tribach/Spacer)   Collapsible-leg Tripod   Collapsible-leg Tripod   Collapsible-leg Tripod   Collapsible-leg Tripod   Fixed Mount   B = Additional offset to ARP if any (Tribach/Spacer)   Collapsible-leg Tripod   Col				Any Obstructions Above 10°? ☐ YES ☐ NO						
TRIPOD OR ANTENNA MOUNT  TRIPOD OR ANTENNA MOUNT. CHECK ONE.    Fixed-leg Tripod   Collapsible-leg Tripod   Fixed Mount Brand and Model   P/N  S/N  Last Adjustment Date  Psychrometer Brand and Model (if used)  P/N  Height entered into Receiver = meters S/N    Meters = Feet x (0.3048)    Fixed Nount				Radio Interference Source Nearby?   YES   NO						
TRIPOD OR ANTENNA MOUNT  TRIPOD OR ANTENNA MOUNT. CHECK ONE.    Fixed-leg Tripod   Collapsible-leg Tripod   Fixed Mount Brand and Model   P/N  S/N  Last Adjustment Date  Psychrometer Brand and Model (if used)  P/N  Height entered into Receiver = meters S/N    METERS   FEET   AFTER SESSION ENDS   METERS   FEET   METERS   FEET     A = Datum point to Top of Tripod (Tripod Height)				IE VES LISE VISIBILITY FORM TO DESCRIBE						
TRIPOD OR ANTENNA MOUNT. CHECK ONE.    Fixed-leg Tripod   Collapsible-leg Tripod   Fixed Mount   Brand and Model   P/N   S/N   Last Adjustment Date   Psychrometer Brand and Model (if used)   P/N   Height entered into Receiver = meters   Meters   Feet   Meters   Feet     Meters   Meters   Feet     Meters   Meters   Meters   Meters     Meters   Meters   Feet   Meters     Meters   Meters     Meters   Meters     Meters   Meters     Meters   Meters     Meters   Meters     Meters   Meters     Meters   Meters     Meters   Meters     Meters	IF NO, PLEASE EXPLAIN			IF TES, USE VISIBILITY FURNITU DESURIBE						
TRIPOD OR ANTENNA MOUNT. CHECK ONE.    Fixed-leg Tripod   Collapsible-leg Tripod   Fixed Mount   Brand and Model   P/N   S/N   Last Adjustment Date   Psychrometer Brand and Model (if used)   P/N   Height entered into Receiver = meters   Meters   Feet   Meters   Feet     Meters   Meters   Feet     Meters   Meters   Meters   Meters     Meters   Meters   Feet   Meters     Meters   Meters     Meters   Meters     Meters   Meters     Meters   Meters     Meters   Meters     Meters   Meters     Meters   Meters     Meters   Meters     Meters										
TRIPOD OR ANTENNA MOUNT. CHECK ONE.    Fixed-leg Tripod   Collapsible-leg Tripod   Fixed Mount   Brand and Model   P/N   S/N   Last Adjustment Date   Psychrometer Brand and Model (if used)   P/N   Height entered into Receiver = meters   Meters   Feet   Meters   Feet     Meters   Meters   Feet     Meters   Meters   Meters   Meters     Meters   Meters   Feet   Meters     Meters   Meters     Meters   Meters     Meters   Meters     Meters   Meters     Meters   Meters     Meters   Meters     Meters   Meters     Meters   Meters     Meters										
#*ANTENNA HEIGHT**    Collapsible-leg Tripod						T				
Collapsible-leg Tripod Fixed Mount Brand and Model  P/N  S/N  Last Adjustment Date  Psychrometer Brand and Model  (if used)  P/N  Height entered into Receiver = meters  Meters   FEET   METERS   FEET   METERS   FEET   METERS		**	**ANTENNA HEIGHT**							
Brand and Model  P/N  S/N  Last Adjustment Date  Psychrometer Brand and Model  (if used)  P/N  B = Additional offset to ARP if any (Tribach/Spacer)  H = Antenna Height = A + B  = Datum Point to Antenna Reference Point (ARP)  Psychrometer Brand and Model  (if used)  P/N  Meters = Feet x (0.3048)  Note and/or sketch ANY unusual conditions. Be very explicit as to where and how measured!	☐ Collapsible-leg Tripod					METERS	FEET	METERS	FEET	
S/N  Last Adjustment Date  Psychrometer Brand and Model (if used)  P/N  P/N  S/N  H = Antenna Height = A + B  = Datum Point to Antenna Reference Point (ARP)  Height entered into Receiver = meters  Meters = Feet x (0.3048)  Note and/or sketch ANY unusual conditions. Be very explicit as to where and how measured!		A = Datum poir	A = Datum point to Top of Tripod (Tripod Height)							
East Adjustment Date  Psychrometer Brand and Model (if used)  P/N  S/N  Height entered into Receiver = meters  Meters = Feet x (0.3048)  Note and/or sketch ANY unusual conditions. Be very explicit as to where and how measured!	P/N	B = Additional of	B = Additional offset to ARP if any (Tribach/Spacer)							
East Adjustment Date  Psychrometer Brand and Model (if used)  P/N  S/N  Height entered into Receiver = meters  Meters = Feet x (0.3048)  Note and/or sketch ANY unusual conditions. Be very explicit as to where and how measured!	C/N	H = Antenna He								
Psychrometer Brand and Model (if used)  P/N  S/N  Height entered into Receiver = meters Meters = Feet x (0.3048)  Note and/or sketch ANY unusual conditions. Be very explicit as to where and how measured!	S/N				Reference Point (ARP)					
P/N S/N  Height entered into Receiver = meters Meters = Feet x (0.3048)  Note and/or sketch ANY unusual conditions. Be very explicit as to where and how measured!	Last Adjustment Date									
S/N  S/N  Conditions. Be very explicit as to where and how measured!										
S/N Meters = Feet x (0.3048) and how measured!	P/N									
Last Calibration or Check Date	S/N									
	Last Calibration or Check Date									

DADOMETER (IF HOER)											
BAROMETER (IF USED)											
BAROMETER BR	AND AND MO	DEL (IF USED)							SERIAL NUMBE	iR .	
WEATHER	WEATHE	R TIMES (UTC)	DRY-E	ULB TEMP	WET-BU	LB TEMP		REL %	ATM PRESSURE		
DATA	CODES		FAHRENHEIT	CELSIUS	FAHRENHEIT			HUMIDITY	INCHES HG MILLIBAR		
BEFORE											
MIDDLE											
AFTER											
REMARKS, COM	MENTS ON PR	ROBLEMS, SKETCHES, PER	ICIL RUBBING	ETC.	•					•	
Woothor Code		ired Meether date o	ra antional l	ut anaguraged	*Antonno codo	aamaa fra		info filo furnich	ad by prainat	acardinatar	
		ired. Weather data a	re optional i	out encouraged.	Antenna code	comes no	m ant_	inio ille turnisni			
DATA FILE NAME	(S)			Undated Stati	ion Descriptior	ηΠAtta	ched	☐ Submitted		LOG CHECKED BY	
				Visibility Obst	-	☐ Atta		Submitted			
(CTANDADD	VVV FOR	AAT aaaaCddd ynyd		•		_					
		MAT = aaaaSddd.xxx) S = Session ID		Photographs		_		Submitted			
ddd = Day of		xxx = file dependent e	xtension	Pencil Rubbir	ng of Mark		ched	☐ Submitted	d earlier		
TABLE OF											
CODE	1	PROBLEM		VISIBILITY	TEMPERAT	URF		CLOUD COVER		WIND	
			good			TEMI ETOTIONE		02000 001211		5	
0		did not occur	good,	greater than 15 miles	normal, 32°F-80°F c		clea	clear, less than 20%		ess than 5 mph	
				1111100		0					
1		did occur	fair,	7 to 15 miles	hot, greater th	hot, greater than 80°F		udy, 20% to 709	% moder	moderate, to 15 mph	
_			po	or, less than		0		cast, greater th	an strong	strong, greater than	
2 not used			7 miles	cold, less than 32°F		70%			15 mph		
METADATA	FOR ST	ATION OR MARK	OCCUPIE	D DURING SE	SSION					-	
		ICY (CHECK ONE)	00001 IL		SK MATERIAL TYPE	(CHECK ON	E)	SETTING OF SUF	RVEY DISK (CHE	CK ALL THAT	
		,				(-	,	APPLY)	- (-		
			Aluminum				☐ Concrete Monument				
Missouri Department of Agriculture			☐ Brass				Drill hole				
Missouri Land Survey Authority			Access Cover				☐ 3-D in pipe				
Kansas City Metro			☐ Othe	☐ Other							
☐ National Geodetic Survey Horizontal								☐ Crimped on rod☐ Flush with ground			
		Survey Vertical		MACHINE D					☐ Projecting		
National Geodetic Survey Azimuth			MACHINE PRESS OR OTHER STAMPING LOCATED ON SURVEY DISK				☐ Below surface				
National Geodetic Survey Reference						Rebar					
U.S. Army Corps of Engineers		닐 !				Other					
U.S. Geological Survey											
U.S. C&GS Horizontal											
U.S. C&GS Vertical Other:											
☐ Other											
REMARKS											