

Photographical Documentation Checklist for USCRN Site Annual Maintenance Visit

Photos taken
AND Video

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Photos should be made when there is good visibility at 100 meters. All photos should have 2592 x 1944 dpi resolution. On clear days, the pictures should be taken as close to noon as possible. Archive file format is .jpg.

Photographs reviewed by _____ on _____ and are approved as correct.

Assorted photos to include the data logger box and battery box as left. Photo numbers TIKSI BATTERYBOX (1) (2) (3)
If exposed soil moisture probes were found, include those photo numbers here TIKSI Data Logger ~~BOX~~ (1) (2) (3)
Photo of CD property tag (usually on DL door or inside DL box) TIKSI DATA LOGGER (1)

Note: Prior to taking general site photos, remove all non-site specific equipment, tools, etc. Ensure no people are in the field of view when photos are taken.

1) At least four general site views that represent the most informative overall perspective. Two of the photos should be taken with the camera angle perpendicular to a line drawn between the DFIR and the tower, with the margin of the sky no more than 1/3 of the height of the photo, and the station comprising 75% of the image. Photo numbers: GENERAL VIEW (1)
GENERAL VIEW (2)
GENERAL VIEW (3)

2) From a position four meters ^{North} ~~west~~ of the tower and starting at due ^{West} ~~south~~, nine still photos taken every 22.5 degrees clockwise to due north denoting objects within 100 meters and their heights. Stitch photos into a single 180-degree image. **To be retaken at each annual site visit and photos placed in the archive. If photos taken at different, distinct location, describe deviation here**
SERIES - 1 - from 4m - North

W	WNW	NW	NWN	N	NNE	NE	ENE	E
S	SSW	SW	WSW	W	WNW	NW	NNW	N
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	9

3) From a position four meters ^{South} ~~east~~ of the tower and starting at due ^{East} ~~north~~, nine still photos taken every 22.5 degrees clockwise to due south denoting objects within 100 meters and their heights. Stitch photos into a single 180-degree image. **To be retaken at each annual site visit and photos placed in the archive. If photos taken at different, distinct location, describe deviation here**
SERIES - 2 - from 4m - South

E	ESE	SE	SSE	S	SSW	SW	WSW	W
N	NNE	NE	ENE	E	ESE	SE	SSE	S
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)

4) From a position fifty meters ^{West} ~~south~~ of the tower and facing the tower (^{East} ~~north~~), sixteen still photos taken every 22.5 degrees in clockwise direction at the major compass points. **If photos taken at different, distinct location, describe deviation here**
VIDEO [East-to-West from 4m South, mm]

E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	N	NNE	NE	ENE
N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW

5) From a position fifty meters ^{East} ~~north~~ of the tower and facing the tower (^{West} ~~south~~), sixteen still photos taken every 22.5 degrees in clockwise direction at the major compass points. **If photos taken at different, distinct location, describe deviation here**
VIDEO

W	WNW	NW	NNW	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW
S	SSW	SW	WSW	W	WNW	NW	NNW	N	NNE	NE	ENE	E	ESE	SE	SSE

6) From a position four meters from the tower at one of the cardinal compass headings, take a photo of the tower that includes the ground below the instruments with the instruments at top of the frame. Repeat for each of the other headings.

North: N facing S	
South: S facing N	

East: E facing W	
West: W facing E	

At time photo was taken, no exact method to verify compass points was available. Directions are approximate and could be off by as much as 30°. See attached google earth photo. Original photos taken with photographs 90° misoriented. Photo set not repeated because subsequent days on site were cloudy or foggy. Photographs paced out 50 meters - also approximate.