



June 17, 2025

Iowa Real Time Network – Reference Station Information

January 7, 2019, the IaRTN started operating with new NAD83(2011) Epoch 2010.00 (IGS08@2018.8123) reference station positions, which replaced the previous NAD83(2011) Epoch 2010.00 positions.

Name	Site ID	Responsible Agency	Receiver	Antenna	Latitude	Longitude	Ellipsoid Height
Adair	IAA1		LEICA GR50	LEIAR10 NONE	41° 29' 46.76452" N	94° 38' 28.88731" W	426.302
Albia	IAAB	IaDOT	LEICA GR50	LEIAR10 NONE	41° 00' 49.49698" N	92° 48' 45.13250" W	268.902
Algona	IAAG	IaDOT	LEICA GR50	LEIAR10 NONE	43° 04' 47.10445" N	94° 16' 01.14971" W	350.782
Akron	IAAK	IaDOT	LEICAGR50	LEIAR10 NONE	42° 48' 41.00926" N	96° 32' 54.06877" W	369.283
Allison	IAAL	IaDOT	LEICA GR50	LEIAR10 NONE	42° 44' 49.37870" N	92° 47' 14.20407" W	292.107
Ames	IAAM	IaDOT	LEICA GR50	LEIAR10 NONE	42° 00' 34.52746" N	93° 33' 35.03175" W	266.528
Anamosa	IAAN	IaDOT	LEICA GR50	LEIAR10 NONE	42° 06' 12.96741" N	91° 15' 24.18902" W	228.089
Ashton	IAAS	IaDOT	LEICA GR50	LEIAR10 NONE	43° 18' 20.16909" N	95° 46' 44.57517" W	430.574
Atlantic	IAAT	IaDOT	LEICA GR50	LEIAR10 NONE	41° 24' 19.52338" N	94° 59' 16.80616" W	343.705
Avoca	IAAV	IaDOT	LEICA GR50	LEIAR10 NONE	41° 29' 12.12467" N	95° 20' 14.52834" W	325.643
Bloomfield	IABL	IaDOT	LEICA GR50	LEIAR10 NONE	40° 44' 26.73781" N	92° 25' 51.03514" W	240.963
Boone	IABN	IaDOT	LEICA GR50	LEIAR10 NONE	42° 02' 59.08351" N	93° 51' 18.25527" W	327.645
Centerville	IAC1	IaDOT	LEICA GR50	LEIAR10 NONE	40° 44' 22.62283" N	93° 00' 09.35651" W	279.824
Carroll	IACA	IaDOT	LEICA GR50	LEIAR10 NONE	42° 04' 40.01012" N	94° 54' 40.40128" W	366.007
Council Bluffs	IACB	IaDOT	LEICA GR50	LEIAR10 NONE	41° 13' 26.38449" N	95° 51' 11.59381" W	277.909
Chariton	IACH	IaDOT	LEICA GR50	LEIAR10 NONE	40° 58' 57.52654" N	93° 18' 25.39130" W	272.240
Coralville	IACI	IaDOT	LEICA GR50	LEIAR10 NONE	41° 42' 38.03132" N	91° 36' 33.23735" W	222.251
Cherokee	IACK	IaDOT	LEICA GR50	LEIAR10 NONE	42° 46' 06.07977" N	95° 32' 31.86168" W	362.372
Clarion	IACL	IaDOT	LEICA GR50	LEIAR10 NONE	42° 43' 51.59386" N	93° 45' 04.85687" W	334.060
Clarinda	IACN	IaDOT	LEICA GR50	LEIAR10 NONE	40° 44' 33.94329" N	95° 01' 20.26134" W	282.320
Corning	IACO	IaDOT	LEICA GR50	LEIAR10 NONE	41° 00' 49.55668" N	94° 44' 15.67741" W	367.998
Creston	IACR	IaDOT	LEICA GR50	LEIAR10 NONE	41° 03' 11.11810" N	94° 21' 05.29436" W	366.279
Correctionville	IACV	IaDOT	LEICA GR50	LEIAR10 NONE	42° 28' 52.77137" N	95° 46' 24.68982" W	325.502
Dubuque	IAD2	IaDOT	LEICA GR50	LEIAR10 NONE	42° 25' 55.18329" N	90° 40' 44.85735" W	212.173
Davenport	IADA	IaDOT	LEICA GR50	LEIAR10 NONE	41° 36' 36.18282" N	90° 37' 49.54785" W	201.682
Decorah	IADE	IaDOT	LEICA GR50	LEIAR10 NONE	43° 16' 15.80597" N	91° 49' 53.48354" W	317.513
Des Moines	IADM	IaDOT	LEICA GR50	LEIAR10 NONE	41° 39' 27.16598" N	93° 35' 48.11477" W	255.786
Denison	IADN	IaDOT	LEICA GR50	LEIAR10 NONE	41° 59' 50.56290" N	95° 22' 32.52907" W	351.168

Donnellson	IADO	IaDOT	LEICA GR50	LEIAR10 NONE	40° 38' 48.98313" N	91° 33' 57.38921" W	188.665
De Soto	IADS	IaDOT	LEICA GR50	LEIAR10 NONE	41° 33' 06.29308" N	94° 00' 28.48128" W	247.437
Elkader	IAEL	IaDOT	LEICA GR50	LEIAR10 NONE	42° 52' 40.45049" N	91° 21' 41.48787" W	300.005
Emmetsburg	IAEM	IaDOT	LEICA GR50	LEIAR10 NONE	43° 06' 24.79751" N	94° 41' 40.34392" W	345.532
Fairfield	IAFA	IaDOT	LEICA GR50	LEIAR10 NONE	40° 58' 53.52834" N	91° 57' 33.28288" W	208.860
Fort Dodge	IAFD	IaDOT	LEICA GR50	LEIAR10 NONE	42° 27' 19.57674" N	94° 11' 11.52038" W	324.366
Garner	IAGA	IaDOT	LEICA GR50	LEIAR10 NONE	43° 06' 25.32970" N	93° 35' 59.30687" W	348.102
Grundy Center	IAGC	IaDOT	LEICA GR50	LEIAR10 NONE	42° 22' 09.41039" N	92° 46' 45.68485" W	275.270
Hanlontown	IAHT	IaDOT	LEICA GR50	LEIAR10 NONE	43° 17' 02.35591" N	93° 22' 06.64337" W	345.472
Independence	IAIN	IaDOT	LEICA GR50	LEIAR10 NONE	42° 26' 39.02877" N	91° 53' 00.91932" W	272.029
Jefferson	IAJE	IaDOT	LEICA GR50	LEIAR10 NONE	42° 01' 16.06223" N	94° 22' 55.43946" W	303.916
Knoxville	IAKN	IaDOT	LEICA GR50	LEIAR10 NONE	41° 17' 58.28849" N	93° 06' 03.40381" W	256.343
Latimer	IALA	IaDOT	LEICA GR50	LEIAR10 NONE	42° 47' 55.01740" N	93° 21' 32.73978" W	359.406
Le Mars	IALM	IaDOT	LEICA GR50	LEIAR10 NONE	42° 47' 53.00359" N	96° 08' 55.35654" W	365.910
Leon	IALN	IaDOT	LEICA GR50	LEIAR10 NONE	40° 43' 44.48402" N	93° 45' 42.86018" W	318.558
Mount Ayr	IAMA	IaDOT	LEICA GR50	LEIAR10 NONE	40° 42' 30.43633" N	94° 15' 06.39034" W	347.820
Martensdale	IAMD	IaDOT	LEICA GR50	LEIAR10 NONE	41° 22' 16.79988" N	93° 44' 38.84704" W	232.943
Malcom	IAML	IaDOT	LEICA GR50	LEIAR10 NONE	41° 41' 13.66221" N	92° 33' 01.24780" W	271.255
Marion	IAMN	IaDOT	LEICA GR50	LEIAR10 NONE	42° 01' 49.08340" N	91° 32' 55.55610" W	229.941
Maquoketa	IAMQ	IaDOT	LEICA GR50	LEIAR10 NONE	42° 04' 25.20087" N	90° 38' 42.15334" W	188.631
Manchester	IAMR	IaDOT	LEICA GR50	LEIAR10 NONE	42° 29' 04.33714" N	91° 28' 22.77739" W	269.046
Morning Sun	IAMS	IaDOT	LEICA GR50	LEIAR10 NONE	41° 05' 17.83719" N	91° 10' 58.71199" W	190.921
Marshalltown	IAMT	IaDOT	LEICA GR50	LEIAR10 NONE	42° 00' 20.82412" N	92° 55' 59.26571" W	279.572
Muscatine	IAMU	IaDOT	LEICA GR50	LEIAR10 NONE	41° 26' 02.03004" N	91° 05' 11.91362" W	178.013
Missouri Valley	IAMV	IaDOT	LEICA GR50	LEIAR10 NONE	41° 34' 15.68398" N	95° 51' 30.05912" W	291.063
New Albin	IANA	MnDOT	TRIMBLE ALLOY	TRM115000.00 NONE	43° 29' 49.45265" N	91° 17' 26.49734" W	173.243
New Hampton	IANH	IaDOT	LEICA GR50	LEIAR10 NONE	43° 01' 45.00426" N	92° 18' 53.00456" W	321.241
Newton	IANT	IaDOT	LEICA GR50	LEIAR10 NONE	41° 41' 04.15225" N	93° 04' 55.03384" W	239.641
Newhall	IANW	IaDOT	LEICA GR50	LEIAR10 NONE	41° 57' 41.91556" N	91° 58' 07.31574" W	245.271
Onawa	IAOA	IaDOT	LEICA GR50	LEIAR10 NONE	42° 01' 39.25629" N	96° 06' 28.67017" W	301.575
Osage	IAOE	IaDOT	LEICA GR50	LEIAR10 NONE	43° 17' 04.67596" N	92° 50' 32.29128" W	332.382
Oskaloosa	IAOK	IaDOT	LEICA GR50	LEIAR10 NONE	41° 17' 35.36920" N	92° 41' 04.79092" W	208.687
Osceola	IAOS	IaDOT	LEICA GR50	LEIAR10 NONE	41° 01' 40.27445" N	93° 47' 08.43750" W	324.582
Pocahontas	IAPS	IaDOT	LEICA GR50	LEIAR10 NONE	42° 44' 16.91856" N	94° 40' 45.28513" W	353.407
Red Oak	IARO	IaDOT	LEICA GR50	LEIAR10 NONE	41° 01' 19.74888" N	95° 14' 00.58907" W	291.637
Rock Rapids	IARR	IaDOT	LEICA GR50	LEIAR10 NONE	43° 26' 00.58447" N	96° 08' 55.47162" W	405.909
Rock Valley	IARV	IaDOT	LEICA GR50	LEIAR10 NONE	43° 12' 02.87827" N	96° 25' 56.02407" W	379.187
Sabula	IASA	IaDOT	LEICA GR50	LEIAR10 NONE	42° 05' 00.09682" N	90° 11' 55.17723" W	160.717

Sac City	IASC	IaDOT	LEICA GR50	LEIAR10 NONE	42° 25' 16.43295" N	95° 01' 05.44027" W	373.639
Sidney	IASD	IaDOT	LEICA GR50	LEIAR10 NONE	40° 44' 58.49906" N	95° 38' 10.30793" W	303.048
Sigourney	IASI	IaDOT	LEICA GR50	LEIAR10 NONE	41° 19' 03.32296" N	92° 12' 24.14575" W	199.147
Spirit Lake	IASL	IaDOT	LEICA GR50	LEIAR10 NONE	43° 25' 15.18222" N	95° 08' 09.07761" W	414.561
Storm Lake	IASM	IaDOT	LEICA GR50	LEIAR10 NONE	42° 38' 53.58626" N	95° 12' 58.68742" W	418.849
Sloan	IASN	IaDOT	LEICA GR50	LEIAR10 NONE	42° 14' 20.40119" N	96° 13' 52.00397" W	308.249
Spencer	IASP	IaDOT	LEICA GR50	LEIAR10 NONE	43° 07' 41.67611" N	95° 09' 41.81994" W	381.839
Sioux City	IASU	IaDOT	LEICA GR50	LEIAR10 NONE	42° 28' 39.48166" N	96° 19' 00.44620" W	381.192
Swea City	IASW	IaDOT	LEICA GR50	LEIAR10 NONE	43° 23' 00.12337" N	94° 17' 47.25805" W	337.905
Tama	IATA	IaDOT	LEICA GR50	LEIAR10 NONE	41° 58' 01.64679" N	92° 33' 05.03297" W	248.366
Tipton	IATI	IaDOT	LEICA GR50	LEIAR10 NONE	41° 38' 33.88987" N	91° 06' 37.55657" W	185.878
Waterloo	IAWA	IaDOT	LEICA GR50	LEIAR10 NONE	42° 28' 05.29439" N	92° 23' 27.20906" W	240.868
West Burlington	IAWB	IaDOT	LEICA GR50	LEIAR10 NONE	40° 50' 00.48629" N	91° 12' 33.79226" W	187.971
Waukon	IAWK	IaDOT	LEICA GR50	LEIAR10 NONE	43° 15' 17.35545" N	91° 29' 08.46062" W	353.390
Williamsburg	IAWM	IaDOT	LEICA GR50	LEIAR10 NONE	41° 42' 09.45053" N	92° 00' 22.02563" W	244.070
Washington	IAWN	IaDOT	LEICA GR50	LEIAR10 NONE	41° 18' 34.12013" N	91° 40' 44.74794" W	206.468
Williams	IAWS	IaDOT	LEICA GR50	LEIAR10 NONE	42° 29' 03.00057" N	93° 32' 51.10937" W	347.958
West Union	IAWU	IaDOT	LEICA GR50	LEIAR10 NONE	42° 56' 09.67859" N	91° 48' 55.81836" W	325.795
Albert Lea	MNAA	MnDOT	TRIMBLE ALLOY	TRM115000.00 NONE	43° 40' 35.61239" N	93° 19' 47.01657" W	372.477
Blue Earth	MNBE	MnDOT	TRIMBLE ALLOY	TRM115000.00 NONE	43° 39' 46.33793" N	94° 07' 19.53132" W	303.344
Beaver Creek	MNBV	MnDOT	TRIMBLE ALLOY	TRM115000.00 NONE	43° 36' 29.88292" N	96° 22' 41.33862" W	417.528
Elkton	MNEK	MnDOT	TRIMBLE ALLOY	TRM115000.00 NONE	43° 39' 29.99164" N	92° 41' 19.43328" W	403.722
Fairmont	MNFR	MnDOT	TRIMBLE ALLOY	TRM115000.00 NONE	43° 39' 52.80211" N	94° 26' 36.67150" W	336.967
Lakefield	MNLK	MnDOT	TRIMBLE ALLOY	TRM115000.00 NONE	43° 38' 19.31804" N	95° 07' 06.89133" W	432.823
Prosper	MNPS	MnDOT	TRIMBLE ALLOY	TRM115000.00 NONE	43° 30' 53.82195" N	91° 53' 06.82411" W	381.905
Rushmore	MNRM	MnDOT	TRIMBLE ALLOY	TRM115000.00 NONE	43° 38' 14.53087" N	95° 46' 12.43730" W	489.747
Albany	MOAL	MoDOT	TRIMBLE ALLOY	TRM57971.00 NONE	40° 15' 20.75462" N	94° 17' 58.90415" W	254.854
Canton	MOCN	MoDOT	TRIMBLE ALLOY	TRM115000.00 NONE	40° 08' 36.68893" N	91° 32' 37.66728" W	159.399

Edina	MOED	MoDOT	TRIMBLE ALLOY	TRM115000.00 NONE	40° 11' 11.65663" N	92° 10' 30.28766" W	194.654
Milan	MOML	MoDOT	TRIMBLE ALLOY	TRM115000.00 NONE	40° 12' 37.76069" N	93° 06' 57.87627" W	227.278
Maryville	MOMV	MoDOT	TRIMBLE ALLOY	TRM57971.00 NONE	40° 21' 29.38601" N	94° 50' 48.02164" W	278.909
Princeton	MOPN	MoDOT	TRIMBLE ALLOY	TRM115000.00 NONE	40° 25' 02.46886" N	93° 34' 39.03763" W	274.284
Tarkio	MOTK	MoDOT	TRIMBLE ALLOY	TRM115000.00 NONE	40° 26' 14.12989" N	95° 21' 04.35681" W	252.957
Prairie du Chien	PDCH	WiDOT	TRIMBLE ALLOY	TRM115000.00 NONE	43° 01' 15.85605" N	91° 07' 03.73682" W	169.552
Seneca	SECA	WiDOT	TRIMBLE ALLOY	TRM115000.00 NONE	43° 15' 23.67682" N	90° 58' 37.61529" W	360.267
Sioux Falls	SFSD	MnDOT	TRIMBLE ALLOY	TRM115000.00 NONE	43° 34' 19.39050" N	96° 43' 42.61534" W	428.382
Shullsburg	SHRG	WiDOT	TRIMBLE ALLOY	TRM115000.00 NONE	42° 34' 47.02163" N	90° 08' 34.11949" W	292.315
Lancaster	WLNC	WiDOT	TRIMBLE ALLOY	TRM115000.00 NONE	42° 50' 15.64296" N	90° 42' 41.03176" W	281.890