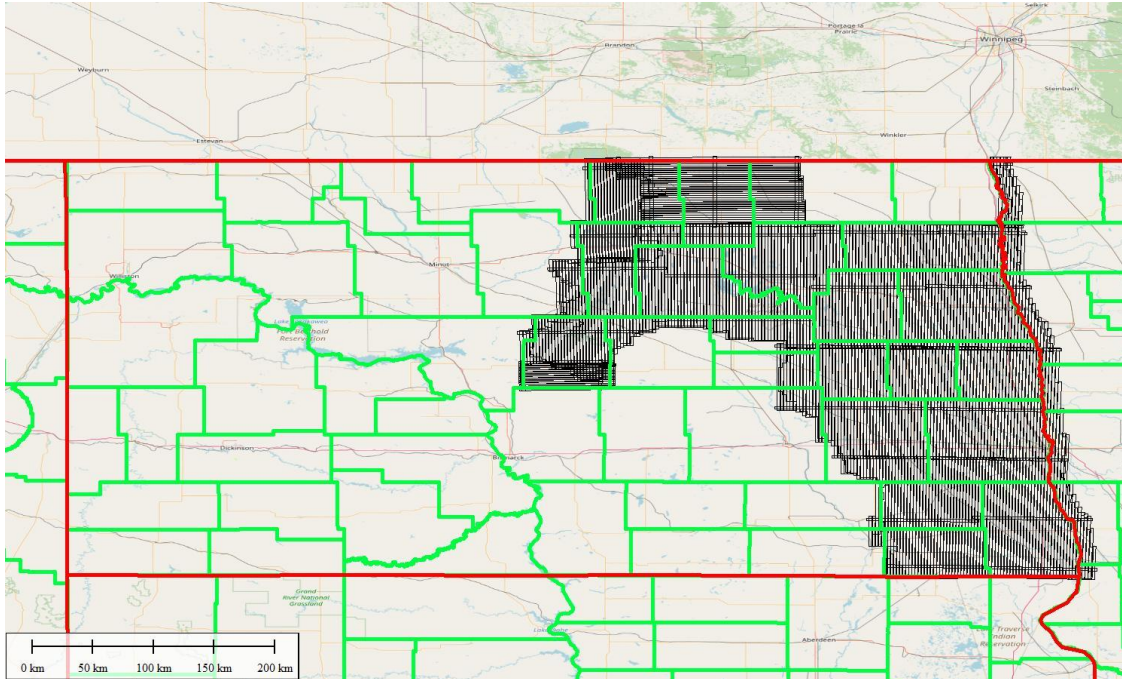


REPORT OF LIDAR SURVEY

Ground Control Report

Eastern North Dakota



Performed by:

TerraSurv

For:

Fugro Geospatial

Terrasurv Project Numbers: 19047/20012/ 20014

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REPORT OF SURVEY

EASTERN NORTH DAKOTA

INTRODUCTION

Terrasurv, Inc of Pittsburgh, PA was tasked by Fugro Geospatial with performing a control survey in support of LiDAR data collection covering a portion of eastern North Dakota. The project consisted of two parts: 308 ground control (calibration) points (GCP) and 730 quality control (QC: NVA/VVA/VVA-F), for a total of 1038 new stations. The map in figure 1 shows the location of the Ground Control (GCP) and figure 2 shows the location of the QC points. The control symbology for figures 1 and 2 are listed in table 1. Also shown are the Continuously Operating Reference Stations used in the project via the Mid-States VRS/RTN Network.

Table 1 - Map Symbology and Control Quantity

Type	Symbol	VA Quantity
Ground Control (GCP)	Green Dot	308
Non-Vegetated (NVA)	Red Dot	428
Vegetated (VVA)	Red X	262
Woods (VVA-F)	Yellow X	40

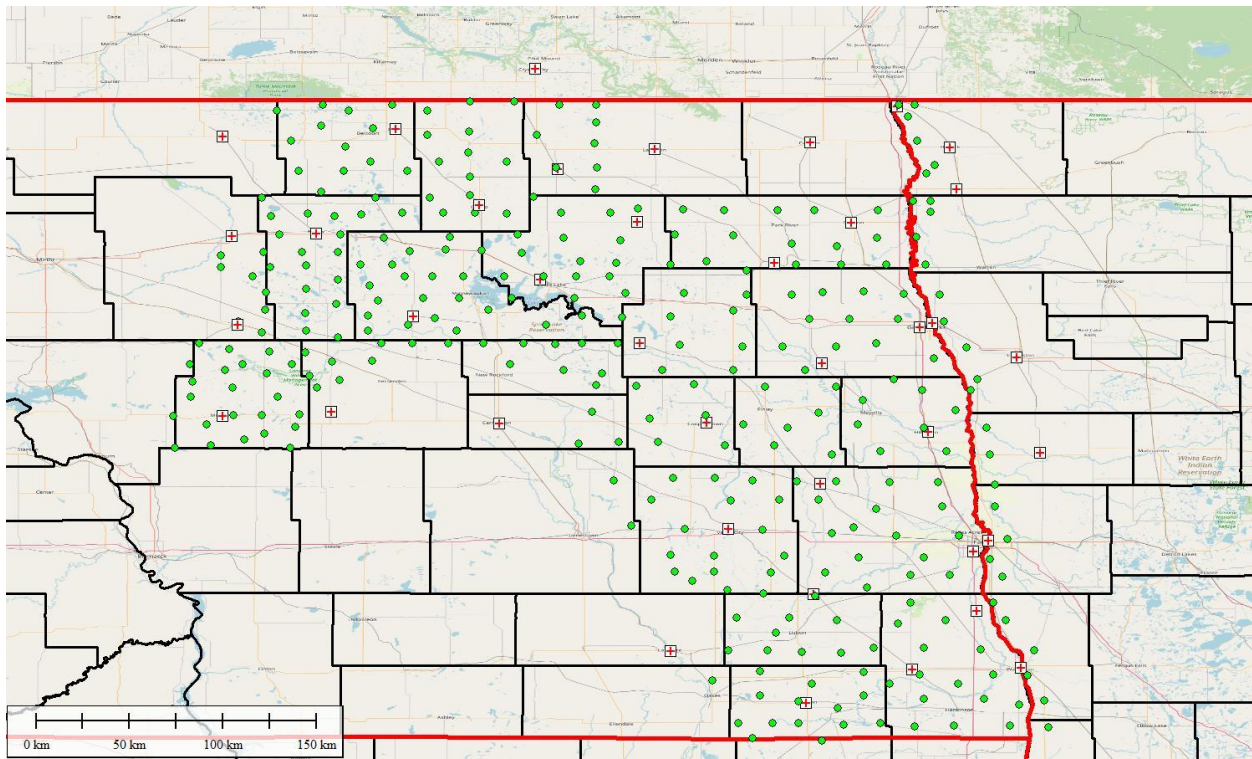


Figure 1 – GCP stations and CORS

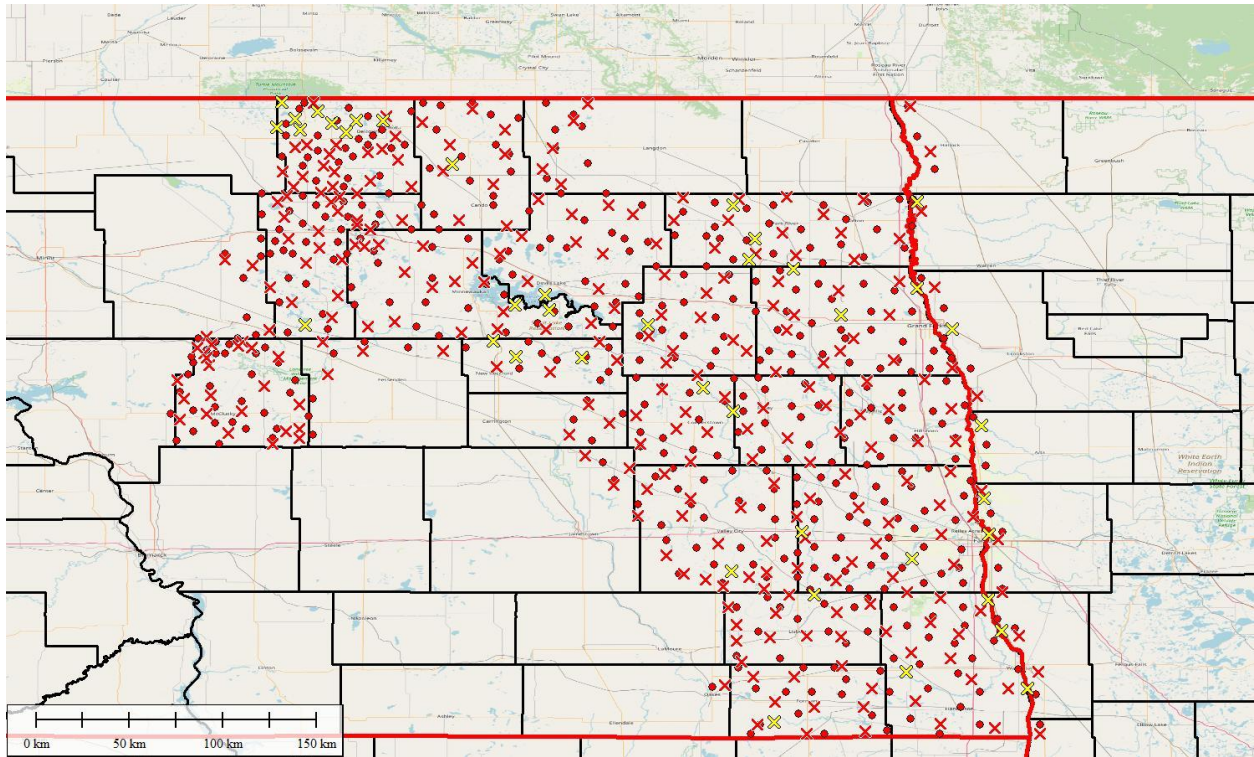


Figure 2 – Checkpoints

CONTROL

The National Spatial Reference System (NSRS) was used to provide control for the network. The [MidStates](#) real time network (RTN) was utilized. The horizontal datum was the North American Datum of 1983 – NAD83 (2011), epoch 2010.0. The vertical datum was the North American Vertical Datum of 1988 (NAVD88), realized with the GEOID18 geoid model from the National Geodetic Survey (NGS). Five existing NSRS passive control marks were included in the network. These are shown in figure 3 with the CORS.

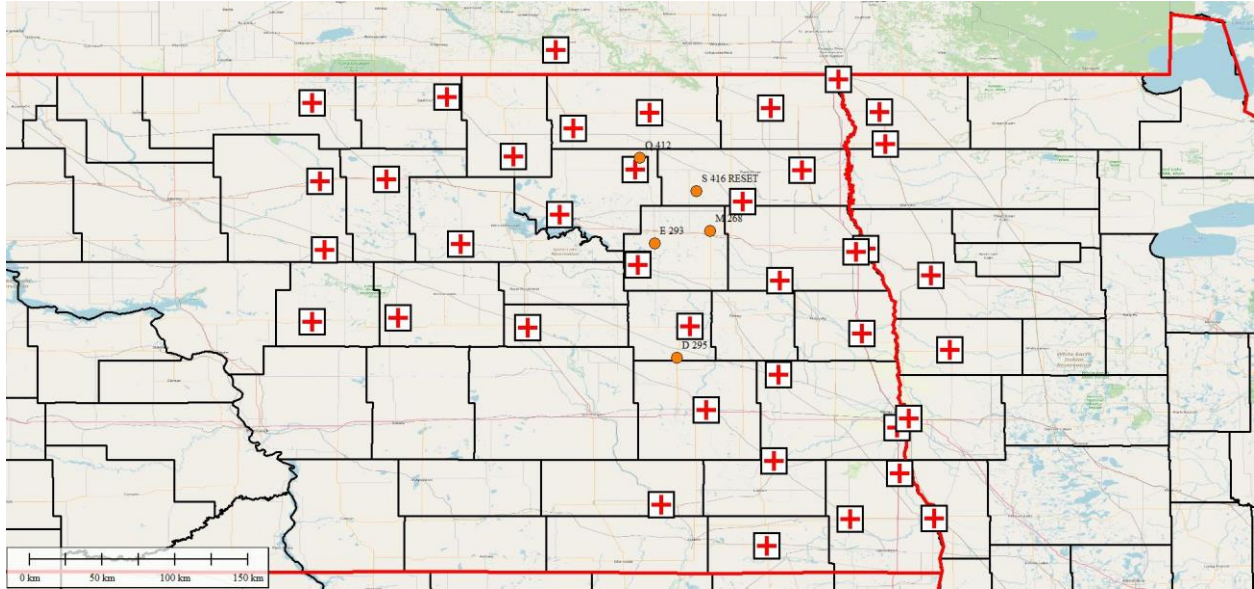


Figure 3 - NSRS stations and CORS

STATIONS

Table 2 lists the GCP and CP stations established in this survey, including the GCP, NVA, VVA, and VVA-F.

Table 2 - Station List

Station Name	GPSID	Description
GCP001	19047JFX	C/L DIRT/GRAVEL ROAD
GCP002	19047JFU	DIRT/GRAVEL ROAD
GCP003	19047JFV	BARE DIRT FIELD ENTRANCE ROAD
GCP004	19047JJV	ASPHALT PAVEMENT AT C/L FIELD ENTRANCE APRON
GCP005	19047JJU	PAVEMENT
GCP006	19047JFZ	DIRT/GRAVEL ROAD
GCP007	19047JGB	BARE DIRT FIELD ROAD
GCP008	19047JFP	PAVEMENT ON NORTH SIDE OF HIGHWAY
GCP009	19047JFR	INTERSECTION OF DIRT/GRAVEL ROADS
GCP010	19047JHC	BARE GROUND AT FIELD ENTRANCE
GCP011	19047JGC	DIRT ROAD
GCP012	19047JJX	C/L GRAVEL/DIRT FIELD ENTRANCE
GCP013	19047JFN	PAVEMENT ON SOUTH SIDE OF HIGHWAY
GCP014	19047JHA	PAVEMENT
GCP015	19047JFG	C/L OF WESTBOUND TRAVEL LANE
GCP016	19047JHE	C/L GRAVEL/DIRT ROAD
GCP017	19047JGN	PAVEMENT APRON TO DIRT ROAD ON WEST SIDE OF HIGHWAY
GCP018	19047JKB	GRAVEL/DIRT ROAD
GCP019	19047JGS	GRAVEL/DIRT ROAD
GCP020	19047JJQ	C/L GRAVEL/DIRT FIELD ROAD
GCP021	19047JGL	C/L DIRT ROAD
GCP022	19047JGQ	GRAVEL/DIRT ROAD
GCP023	19047JFJ	C/L DIRT/GRAVEL ROAD
GCP024	19047JFK	C/L DIRT/GRAVEL ROAD TO FARM BUILDINGS
GCP025	19047JJN	GRAVEL/DIRT ROAD
GCP026	19047JGT	GRAVEL/DIRT ROAD
GCP027	19047JGV	BARE GROUND/SPARSE GRASS

Station Name	GPSID	Description
GCP028	19047JHH	GRAVEL/DIRT ROAD
GCP029	19047JKC	GRAVEL/DIRT ROAD
GCP030	19047JJP	C/L AT EDGE GRAVEL/DIRT ROADS
GCP031	19047JGI	DIRT/GRAVEL ROAD
GCP032	19047JGH	DIRT/GRAVEL ROAD
GCP033	19047JME	PAVEMENT IN WB LANE
GCP034	19047JMH	DIRT/GRAVEL DRIVEWAY
GCP035	19047JGD	GRAVEL PARKING LOT
GCP036	19047JKI	GRAVEL/DIRT FIELD ENTRANCE
GCP037	19047JHL	BARE DIRT
GCP038	19047JGG	EDGE OF GRAVEL/DIRT ROAD AT DRIVEWAY
GCP039	19047JKE	GRAVEL/DIRT ROAD
GCP040	19047JJM	C/L GRAVEL/DIRT FIELD ROAD
GCP041	19047JMI	PAVEMENT
GCP042	19047JJJ	C/L GRAVEL/DIRT ROADS
GCP043	19047JKU	GRAVEL/DIRT ROAD
GCP044	19047JIT	C/L DIRT ROAD
GCP045	19047JIS	C/L GRAVEL/DIRT DRIVE
GCP046	19047JKF	GRAVEL/DIRT ROADS
GCP047	19047JHP	GRAVEL/DIRT ROAD
GCP048	19047JKZ	DIRT/GRAVEL ROADS
GCP049	19047JKW	GRAVEL/DIRT ROAD (MOVED DUE TO IMPASSABLE ROAD)
GCP050	19047JMA	DIRT ON TURN RADIUS FROM PAVED ROAD TO DIRT ROAD WEST
GCP051	19047JIQ	C/L GRAVEL/DIRT ROAD INTERSECTION
GCP052	19047JHN	GRAVEL/DIRT ROAD
GCP053	19047JKP	PAVEMENT
GCP054	19047JJH	C/L GRAVEL/DIRT ROAD
GCP055	19047JMO	DIRT/GRAVEL ROAD
GCP056	19047JKR	GRAVEL/DIRT ROAD
GCP057	19047JIM	C/L GRAVEL/DIRT ROAD
GCP058	19047JIW	DIRT/GRAVEL FIELD ENTRANCE
GCP059	19047JLB	DIRT/GRAVEL FIELD ROAD
GCP060	19047JIK	C/L GRAVEL/DIRT ROAD
GCP061	19047JHR	C/L GRAVEL/DIRT ROAD
GCP062	19047JIN	GRAVEL/DIRT ROAD
GCP063	19047JLW	C/L DIRT/GRAVEL ROAD
GCP064	19047JMQ	DIRT/GRAVEL FIELD ENTRANCE ROAD
GCP065	19047JLE	DIRT/GRAVEL ROADS
GCP066	19047JIG	GRAVEL/DIRT ROAD
GCP067	19047JIY	OLD PAVEMENT
GCP068	19047JLR	C/L DIRT/GRAVEL ROADS
GCP069	19047JLH	DIRT/GRAVEL ROAD
GCP070	19047JIH	MOWED SPARSE GRASS AT FIELD ENTRANCE
GCP071	19047JHT	C/L GRAVEL/DIRT ROAD
GCP072	19047JKM	C/L GRAVEL/DIRT ROAD
GCP073	19047JIZ	C/L GRAVEL/DIRT ROAD
GCP074	19047JKJ	GRAVEL/DIRT FIELD ENTRANCE
GCP075	19047JIB	BARE GROUND AT C/L FIELD ROAD
GCP076	19047JLT	PAVEMENT
GCP077	19047JMU	DIRT/GRAVEL ROAD
GCP078	19047JLK	DIRT/GRAVEL ROAD
GCP079	19047JLM	PAVEMENT
GCP080	19047JMY	DIRT/GRAVEL ROAD
GCP081	19047JLJ	DIRT/GRAVEL ROAD

Station Name	GPSID	Description
GCP082	19047JJK	GRAVEL/DIRT SIDE ROAD
GCP083	19047JJB	GRAVEL/DIRT ROAD
GCP084	20012JEX	SOUTHBOUND TRAVEL LANE OF 66TH AVENUE
GCP085	19047JHY	GRAVEL/DIRT ROAD
GCP086	20012JFX	NORTHBOUND TRAVEL LANE OF 73RD AVENUE OPPOSITE ENTRANCE DRIVE TO COOLIN NURSERIES
GCP087	20012JHF	CENTER OF 89TH STREET JUST WEST OF 73RD AVENUE
GCP088	19047TNA	BARE=DIRT CENTERLINE OF 71ST AVENUE NE AND NORTH EDGE OF 22ND STREET NE
GCP089	20012JFA	PAVEMENT ON EASTBOUND LANE OF OLD MAIN JUST WEST OF PARK AVENUE
GCP090	19047JMZ	C/L DIRT/GRAVEL ROAD AT EDGE DIRT/GRAVEL ROAD
GCP091	20012JFV	INTERSECTION OF 65TH STREET AND 74TH AVENUE
GCP092	20012JFO	EAST EDGE OF 75TH AVENUE AT CENTER OF FIELD ENTRANCE OPPOSITE 59TH STREET
GCP093	19047TNE	BARE=ASPHALT CENTERLINE OF 74TH AVENUE NE AND SOUTH EDGE OF 29TH STREET NE
GCP094	20012JGH	NORTHBOUND TRAVEL LANE OF 79TH AVENUE AT CENTER OF OLD DRIVE EAST
GCP095	20012JHC	CENTER OF 98TH STREET ON EAST SIDE OF SR 20
GCP096	20012JFN	CENTER OF FIELD ENTRANCE ON SOUTH SIDE OF 51ST STREET
GCP097	20012JET	NORTHBOUND TRAVEL LANE OF 79TH AVENUE JUST SOUTH OF 35TH STREET
GCP098	20012JER	SOUTHBOUND TRAVEL LANE OF 81ST STREET JUST NORTH OF DRIVEWAY EAST
GCP099	20012JGD	CENTER OF DRIVE TO TANKS IN SE QUADRANT OF INTERSECTION OF CR 24 AND SR 20
GCP100	19047JNB	DIRT/GRAVEL ROAD
GCP101	20012JGK	EASTBOUND TRAVEL LANE OF 72ND STREET AT CENTER OF 85TH AVENUE TO THE NORTH
GCP102	20012JFT	EASTBOUND TRAVEL LANE OF 64TH STREET AT CENTER OF FIELD ENTRANCE
GCP103	19047TNI	BARE=DIRT CENTERLINE OF 20TH STREET NE AND WEST OF 83RD AVENUE NE
GCP104	19047TOL	BARE=DIRT SOUTHEAST QUADRANT OF A PRIVATE DRIVE TO A TRAILER PARK ON THE NORTH SIDE OF US2
GCP105	20012JFD	EAST EDGE OF 87TH AVENUE AT CENTER OF FIELD ROAD EAST
GCP106	19047TMS	BARE=DIRT CENTERLINE OF A FIELD TRACK TO THE EAST OF 85TH AVENUE SE
GCP107	20012JFE	TURN RADIUS FROM 88TH AVENUE SOUTHBOUND TO 56TH STREET WESTBOUND
GCP108	20012JEM	WESTBOUND TRAVEL LANE OF 38TH STREET AT CENTERLINE EXTENDED OF 87TH AVENUE
GCP109	20012JEQ	DIRT ACCESS TO DUMPSTER ON EAST SIDE OF 87TH AVENUE OPPOSITE NORTH EDGE OF 29TH STREET
GCP110	19047TMV	BARE=DIRT CENTERLINE OF 88TH AVENUE NE AND NORTH EDGE OF 6TH STREET NE
GCP111	20012JGW	WESTBOUND TRAVEL LANE OF 95TH STREET
GCP112	20012JGT	CENTER OF CEMETERY ENTRANCE ROAD ON NORTH SIDE OF 80TH STREET
GCP113	19047JND	OLD PAVEMENT/GRAVEL
GCP114	20012JGX	BARE DIRT ON FIELD ENTRANCE ON SW SIDE OF 102ND AVENUE AND 93RD STREET
GCP115	20012JGV	CENTER OF 87TH STREET WEST OF 93RD AVENUE
GCP116	19047TNQ	BARE=DIRT CENTERLINE OF A FIELD TRACK TO THE WEST OF 89TH AVENUE NE
GCP117	19047TNN	BARE=ASPHALT CENTERLINE OF THE DRIVE TO MAJOR GENERAL C EMERSON MURRY REGIONAL LIVE FIRE AND MANEUVER AND TRAINING CENTER AND SOUTH SIDE OF SR15
GCP118	20012JEH	CENTER OF FIELD ENTRANCE ON EAST SIDE OF ONTARIO ROAD
GCP119	20012JGQ	CENTER OF INTERSECTION OF 72ND STREET AND 96TH AVENUE
GCP120	19047TMF	BARE=ASPHALT CENTERLINE OF 91 1/2 AVENUE SE AND ON THE WEST EDGE OF SR9
GCP121	20012JFG	EASTBOUND TRAVEL LANE OF 55TH STREET ON WEST SIDE OF 96TH AVENUE
GCP122	19047TOA	BARE=DIRT CENTERLINE OF A FIELD TRACK NORTH OF 29TH STREET NE AND OPPOSITE 95TH AVENUE NE
GCP123	19047TMP	BARE=DIRT CENTERLINE OF 94TH AVENUE SE AND SOUTH EDGE OF 4TH STREET SE
GCP124	20012JFJ	EASTBOUND TRAVEL LANE OF 63RD STREET ON WEST SIDE OF 97TH AVENUE
GCP125	19047TOG	BARE=DIRT CENTERLINE OF 37TH STREET NE AND WEST EDGE OF 96TH AVENUE NE
GCP126	20012JEF	NORTHBOUND TRAVEL LANE OF 98TH AVENUE
GCP127	19047TLK	BARE=DIRT CENTERLINE OF A PRIVATE DRIVE TO THE EAST SIDE OF 94TH AVENUE SE
GCP128	20012JGO	SOUTHBOUND TRAVEL LANE OF 102ND AVENUE AT CENTER OF DRIVEWAY EAST AND FIELD ENTRANCE WEST
GCP129	19047TNV	BARE=DIRT CENTERLINE OF A PRIVATE DRIVE TO THE WEST OF 98TH AVENUE NE
GCP130	19047TNT	BARE=DIRT CENTERLINE OF 4TH STREET NE AND WEST EDGE OF CR5 (101ST AVENUE NE)

Station Name	GPSID	Description
GCP131	19047TMB	BARE=DIRT CENTERLINE OF 23RD STREET SE AND WEST EDGE OF 100TH AVENUE SE
GCP132	19047TMK	BARE=DIRT CENTERLINE OF 103RD AVENUE SE AND SOUTH EDGE OF 4TH STREET SE
GCP133	19047TOV	BARE=DIRT CENTERLINE OF 20TH STREET NE AND EAST EDGE OF 105TH AVENUE NE
GCP134	20012JDN	DIRT ROAD SURFACE OF 108TH AVENUE ON NORTH SIDE OF 55TH STREET
GCP135	19047TOO	BARE=DIRT CENTERLINE OF 107TH AVENUE NE AND SOUTH EDGE OF 38TH STREET NE
GCP136	20012JDH	CENTER OF 110TH AVENUE AT CENTER OF 65TH STREET TO THE WEST
GCP137	19047TLH	BARE=DIRT CENTERLINE OF A FIELD TRACK TO SILOS ON THE WEST SIDE OF 103RD AVENUE SE
GCP138	19047TLW	BARE=DIRT CENTERLINE OF A FIELD TRACK TO THE SOUTH OF SR4 (16TH STREET SE) AND OPPOSITE 105TH AVENUE SE
GCP139	19047TLG	BARE=SOUTHEAST QUADRANT OF 47TH STREET SE AND 104TH AVENUE SE
GCP140	19047TOR	BARE=DIRT CENTERLINE OF A PRIVATE DRIVE TO THE EAST OF 110TH AVENUE NE
GCP141	20012JDE	CENTER OF FIELD ENTRANCE ON WEST SIDE OF CR 22
GCP142	20012JED	NORTHBOUND LANE OF 111TH AVENUE AT CENTER OF FIELD ENTRANCE EAST
GCP143	19047TLN	BARE=DIRT AREA ON THE NORTH SIDE OF A DOUBLE SET OF RAILROAD TRACKS AND EAST SIXE OF 7TH AVENUE
GCP144	19047TOZ	BARE=DIRT CENTERLINE OF A PRIVATE DRIVE TO THE WEST OF CR15 (111TH AVENUE NE)
GCP145	19047TLD	BARE=DIRT CENTERLINE OF 50TH STREET SE AND EAST EDGE OF 108TH AVENUE SE
GCP146	20012JDQ	EASTBOUND TRAVEL LANE OF 56TH STREET JUST WEST OF SR 35 (ROUGH PAVEMENT)
GCP147	19047TPL	BARE=GRAVEL CENTERLINE OF 5TH STREET NE AND EAST SIDE OF SR45
GCP148	19047TLU	BARE=DIRT CENTERLINE OF A TRACK ROAD TO THE NORTH OF SR4 (16TH STREET SE)
GCP149	19047TKY	BARE=GRAVEL CENTERLINE OF A FIELD ACCESS ON THE EAST SIDE OF SR1 (113TH AVENUE SE)
GCP150	19047TLB	BARE=DIRT CENTERLINE OF A FIELD TRACK TO THE WEST SIDE OF 113TH AVENUE SE
GCP151	19047THR	BARE=ASPHALT CENTERLINE OF 83RD STREET SE AND THE EAST EDGE OF SR1
GCP152	20012JCT	DIRT INTERSECTION OF 73RD STREET AND 121ST AVENUE
GCP153	19047TPR	BARE=DIRT CENTERLINE OF 5TH STREET SE AND EAST EDGE OF 118TH AVENUE SE
GCP154	20012JDA	EAST EDGE OF 122ND AVENUE AT SOUTH EDGE OF 65TH STREET
GCP155	19047TKS	BARE=DIRT CENTERLINE OF 53RD STREET SE AND WETS EDGE OF 116TH AVENUE SE
GCP156	20012JBB	CENTER OF FIELD ENTRANCE ON EAST SIDE OF HWY 32
GCP157	19047TCM	BARE=CENTERLINE OF AN ACCESS ROAD TO WIND TURBINES ON THE EAST SIDE OF CR21
GCP158	19047TPC	BARE=GRAVEL CENTERLINE OF A DRIVE TO THE EAST OF SR32 (121ST AVENUE NE)
GCP159	19047TJH	BARE=DIRT CENTERLINE OF 115TH AVENUE SE AND NORTH EDGE OF 73RD STREET SE
GCP160	20012JAV	SOUTH EDGE OF 28TH STREET AT EAST EDGE OF 123RD AVENUE
GCP161	19047TJK	BARE=ASPHALT CENTERLINE OF 117TH AVENUE SE AND SOUTH EDGE OF 62ND STREET SE
GCP162	19047TPP	BARE=ASPHALT NORTHWEST QUADRANT OF THE INTERSECTION OF SR200 AND CR25
GCP163	20012JDY	TURN RADIUS FROM 125TH AVENUE SOUTHBOUND TO 53RD STREET WESTBOUND
GCP164	19047THW	BARE=DIRT CENTERLINE OF 116TH AVENUE SE AND SOUTH EDGE OF R5
GCP165	20012JBD	CENTER OF 45TH STREET JUST EAST OF CR 14
GCP166	19047TBH	BARE=CENTERLINE OF A GRAVEL ROAD TO SOME WIND TURBINES ON THE EAST SIDE OF SR 27
GCP167	19047THY	BARE=NORTHEAST SIDE OF CR11/CR2 IN THE MIDDLE OF THE CURVE AND JUST SOUTH OF THE STATELINE
GCP168	19047JDI	DIRT/GRAVEL FIELD ENTRANCE
GCP169	19047TCQ	BARE=DIRT CENTERLINE OF 124TH AVENUE SE AND THE SOUTH EDGE OF 33RD STREET SE
GCP170	19047THO	BARE=DIRT CENTERLINE OF 80TH STREET SE AND WEST EDGE OF 121ST AVENUE SE
GCP171	19047THV	BARE=DIRT CENTERLINE OF 88TH STREET SE AND EAST EDGE OF 121ST AVENUE SE
GCP172	19047TJN	BARE=ASPHALT CENTERLINE OF CR57 AND SOUTH SIDE OF SR46
GCP173	19047TJD	BARE=DIRT CENTERLINE OF 73RD STREET SE AND 124TH AVENUE SE
GCP174	20012JCM	TURN RADIUS FROM 73RD STREET EASTBOUND TO 133RD AVENUE SOUTHBOUND
GCP175	19047TKO	BARE=ASPHALT CENTERLINE OF 47TH STREET SE AND EAST EDGE OF 126TH AVENUE SE
GCP176	19047TBE	BARE=GRAVEL CENTERLINE OF A FIELD ACCESS ON THE EAST SIDE OF SR32 AND JUST NORTH OF 5TH STREET SE
GCP177	19047TIB	BARE=DIRT CENTERLINE OF 124TH AVENUE SE AND SOUTH EDGE OF 97TH STREET SE

Station Name	GPSID	Description
GCP178	20012JAN	SOUTHBOUND TRAVEL LANE OF 43RD STREET JUST SOUTH OF 10TH AVENUE
GCP179	19047TCH	BARE=DIRT CENTERLINE OF 23RD STREET SE AND EAST EDGE OF 129TH AVENUE SE
GCP180	19047TJA	BARE=CENTERLINE OF A FIELD TRACK TO THE SOUTH OF SR27
GCP181	20012JCJ	SOUTH SIDE OF PAVEMENT FOR LOVIC STREET JUST WEST OF 135TH AVENUE
GCP182	19047TCT	BARE=DIRT CENTERLINE OF A PRIVATE DRIVE ON THE EAST SIDE OF 129TH AVENUE SE
GCP183	19047JDO	DIRT/GRAVEL ROADS
GCP184	20012JBQ	CENTER OF 41ST STREET JUST NORTH OF 27TH AVENUE EAST
GCP185	20012JBV	CENTER OF INTERSECTION OF 55 STREET AND 136TH AVENUE
GCP186	19047TJS	BARE=DIRT CENTERLINE OF 129TH AVENUE SE AND SOUTH EDGE OF 62ND STREET SE
GCP187	19047TCK	BARE=DIRT CENTERLINE OF 17TH STREET SE AND WEST EDGE OF CR1
GCP188	20012JAP	NORTH EDGE OF 2ND AVENUE AT CENTER OF 38TH STREET EXTENDED FIELD ENTRANCE
GCP189	19047TIH	BARE=DIRT CENTERLINE OF 90TH STREET SE AND EAST EDGE OF 130TH AVENUE SE
GCP190	19047TIJ	BARE=CENTERLINE INTERSECTION OF CR6 AND A FIELD TRACK TO THE WEST
GCP191	20012JAI	EAST EDGE OF TURN LANE INTO REST AREA IN NE QUADRANT OF US 2 AND SR 18
GCP192	19047THL	BARE=CENTERLINE OF AN ASPHALT FIELD ACCESS ON THE WEST SIDE OF SR32
GCP193	20012JCG	BARE DIRT FIELD ENTRANCE ON SOUTH SIDE OF 73RD STREET
GCP194	19047JDS	DIRT/GRAVEL ROAD
GCP195	19047TIR	BARE=DIRT NORTHWEST QUADRANT OF THE INTERSECTION OF 84TH STREET SE AND 133RD AVENUE SE
GCP196	20012JBN	CENTER OF 34TH STREET JUST SOUTH OF 28TH AVENUE
GCP197	19047TJX	BARE=EDGE OF PAVED ROAD @ EDGE OF GRAVEL DRIVEWAY
GCP198	19047TCC	BARE=DIRT CENTERLINE OF 23RD STREET SE AND WEST EDGE OF CR38
GCP199	19047TKD	BARE=ASPHALT CENTERLINE OF 47TH STREET SE AND EAST EDGE OF SR38
GCP200	19047TIL	BARE=DIRT CENTERLINE OF 432ND AVENUE AND NORTH EDGE OF 101ST STREET
GCP201	20012JCB	BARE FIELD ENTRANCE IN SW QUADRANT OF INTERSECTION OF 61ST STREET AND 145TH AVENUE
GCP202	19047TBB	BARE=DIRT CENTERLINE OF 8TH STREET SE AND WEST SIDE OF 141 AVENUE SE
GCP203	20012JAE	NORTH TRAVEL LANE OF 10TH AVENUE JUST WEST OF 31ST STREET
GCP204	19047TBZ	BARE=DIRT CENTERLINE OF 141ST AVENUE SE AND NORTH SIDE OF CR10
GCP205	19047JDE	HARD PACKED DIRT/GRAVEL ROAD
GCP206	20012JBY	DIRT PARKING LOT ON SOUTH SIDE OF CR 19
GCP207	19047TBM	BARE=DIRT NORTHWEST QUADRANT OF THE INTERSECTION OF 17TH STREET SE AND 142ND AVENUE SE
GCP208	19047TJU	BARE=ASPHALT CENTERLINE OF 63RD STREET SE AND WEST EDGE OF 140TH AVENUE SE
GCP209	19047TIO	BARE=DIRT CENTERLINE OF THE NORTHERN DRIVE TO A LIFT STATION ON THE WEST SIDE OF 139TH AVENUE SE AND JUST NORTH OF SR!!
GCP210	20012JBL	EASTBOUND TRAVEL LANE OF 19TH AVENUE WEST OF 28TH STREET
GCP211	19047TIV	BARE=CENTERLINE OF A PULL OFF ON THE EAST SIDE OF 141ST AVENUE SE
GCP212	19047THK	BARE=DIRT CENTERLINE OF A PRIVATE DRIVE ON THE WEST EDGE OF 140TH AVENUE SE
GCP213	19047TBX	BARE=DIRT CENTERLINE OF 32ND STREET SE AND EAST SIDE OF 146TH AVENUE
GCP214	19047JDV	DIRT/GRAVEL ROAD
GCP215	19047JBC	DIRT/GRAVEL ROAD
GCP216	19047JDC	OLD PAVEMENT
GCP217	19047TDC	BARE=DIRT CENTERLINE OF 147TH AVENUE SE AND NORTH EDGE OF 42ND STREET SE
GCP218	19047JCE	DIRT/SPARSE GRASS
GCP219	19047JCI	DIRT/GRAVEL ROAD
GCP220	19047THE	BARE=ASPHALT CENTERLINE OF 145TH AVENUE SE AND NORTH SIDE OF SR13
GCP221	19047THG	GRASS=NORTH SIDE OF A FIELD ACCESS ON THE NORTH SIDE OF SR11
GCP222	19047TGY	BARE=DIRT CENTERLINE OF 52ND STREET SE AND WEST EDGE OF CR5
GCP223	19047JCO	DIRT ROAD
GCP224	19047TBS	BARE=DIRT CENTERLINE OF 151ST AVENUE SE AND NORTH SIDE OF 26TH STREET SE
GCP225	19047JCM	OLD PAVEMENT
GCP226	19047THD	BARE=DIRT CENTERLINE OF A PRIVATE DRIVE ON THE SOUTHEAST EDGE OF 72ND STREET SE

Station Name	GPSID	Description
GCP227	19047JEA	DIRT DRIVEWAY
GCP228	19047JBK	DIRT/GRAVEL ROADS
GCP229	19047TEP	BARE=ASPHALT NORTHEAST QUADRANT OF THE INTERSECTION OF 149TH AVENUE SE AND 97TH STREET SE
GCP230	19047TBQ	BARE=DIRT CENTERLINE OF 154TH AVENUE SE AND SOUTH SIDE OF 17TH STREET SE
GCP231	19047JCV	DIRT/GRAVEL ROAD
GCP232	19047JBG	DIRT ROAD
GCP233	19047JBO	DIRT/GRAVEL ROADS
GCP234	19047TER	BARE=DIRT CENTERLINE OF 84TH STREET SE AND EAST EDGE OF 151ST AVENUE SE
GCP235	19047JBA	OLD CONCRETE ROADWAY
GCP236	19047TAR	BARE=ASPHALT CENTER OF THE MARTINS AVENUE NORTH CUL DU SAC
GCP237	19047JBN	DIRT/GRAVEL ROAD
GCP238	19047TFZ	BARE=DIRT CENTERLINE CR23 AND NORTH EDGE OF CR4
GCP239	19047JBV	DIRT/GRAVEL ROADS
GCP240	19047JBQ	PAVEMENT
GCP241	19047JBI	DIRT/GRAVEL ROAD
GCP242	19047TGU	BARE=DIRT CENTERLINE OF A PRIVATE DRIVE TO THE EAST OF 159TH AVENUE SE
GCP243	19047JBU	DIRT/GRAVEL ROAD
GCP244	19047TGB	BARE=ASPHALT CENTERLINE OF CR2 AND EAST SIDE OF SR18
GCP245	19047JAV	DIRT/GRAVEL ROADS
GCP246	19047JAA	DIRT/GRAVEL IN CROSSOVER
GCP247	19047JCA	DIRT ROADS
GCP248	19047JCC	C/L DIRT/GRAVEL ROAD
GCP249	19047JEF	DIRT/GRAVEL ROAD
GCP250	19047JBS	DIRT/GRAVEL ROADS
GCP251	19047TEM	BARE=ASPHALT NORTHEAST QUADRANT OF THE INTERSECTION OF CR22 AND SR18
GCP252	19047TFF	BARE=NORTHEAST QUADRANT OF THE INTERSECTION OF 81ST STREET SE AND 158TH AVENUE SE
GCP253	19047TGP	BARE=DIRT CENTERLINE OF 42ND STREET SE AND WEST EDGE OF 162ND AVENUE SE
GCP254	19047JAJ	DIRT/GRAVEL ROAD
GCP255	19047TFL	BARE=DIRT CENTERLINE OF 72ND STREET SE AND WEST EDGE OF 160TH AVENUE SE
GCP256	19047TFD	BARE=DIRT CENTERLINE OF 89TH STREET SE AND EAST EDGE OF 159TH AVENUE SE
GCP257	19047JAS	DIRT/GRAVEL
GCP258	19047JAQ	GRAVEL FIELD ENTRANCE
GCP259	19047TAJ	BARE=CENTERLINE OF 17 R STREET AND WEST SIDE OF 165TH AVENUE SE
GCP260	19047TAK	BARE=ASPHALT CENTERLINE OF 166TH AVENUE SE AND THE SOUTH SIDE OF 25TH STREET SE
GCP261	19047TAF	BARE=DIRT CENTERLINE OF 168TH AVENUE SE AND NORTH EDGE OF CR3
GCP262	19047TFU	BARE=DIRT CENTERLINE OF 65TH STREET SE AND THE EAST EDGE OF 156TH AVENUE SE
GCP263	19047JEJ	DIRT ROAD
GCP264	19047TGG	BARE=DIRT CENTERLINE OF A DRIVE TO SILOS ON THE EAST SIDE OF 166TH AVENUE SE AND JUST SOUTH OF CR16
GCP265	19047TAO	BARE=DIRT CENTERLINE OF ANN STREET AND NORTH SIDE OF 19TH AVENUE NORTH
GCP266	19047JAL	DIRT/GRAVEL ROAD
GCP267	19047TEJ	BARE=DIRT CENTERLINE OF 166TH AVENUE SE AND NORTH EDGE OF CR22
GCP268	19047TEZ	BARE=DIRT NORTHWEST QUADRANT OF THE INTERSECTION OF 84TH STREET SE AND 167TH AVENUE SE
GCP269	19047JAD	C/L GRAVEL FIELD ENTRANCE
GCP270	19047JAE	DIRT/GRAVEL ROAD
GCP271	19047JEQ	DIRT FIELD ENTRANCE
GCP272	19047TFQ	BARE=CENTERLINE OF A FIELD TRACK TO THE EAST AND EAST EDGE OF 173RD AVENUE SE
GCP273	19047JES	OLD PAVEMENT
GCP274	19047TDG	BARE=DIRT CENTERLINE OF 64TH AVENUE S AND EAST EDGE OF 14TH STREET S
GCP275	19047TEV	BARE=DIRT CENTERLINE OF 173RD AVENUE SE AND SOUTH EDGE OF 89TH STREET SE

Station Name	GPSID	Description
GCP276	19047JEU	DIRT/GRAVEL ROADS
GCP277	19047JEZ	DIRT/GRAVEL ROAD
GCP278	19047TDL	BARE=ASPHALT NORTHEAST QUADRANT OF THE INTERSECTION OF SR75 AND T11
GCP279	19047TEX	BARE=DIRT CENTERLINE OF 81ST STREET SE AND WEST EDGE OF CR81
GCP280	19047TDI	BARE=WEST SIDE OF 50TH STREET S AT A FIELD ACCESS
GCP281	19047JFC	DIRT/GRAVEL ROAD
GCP282	19047TDN	BARE=DIRT CENTERLINE OF 150TH AVENUE AND NORTH EDGE OF 190TH STREET
GCP283	19047TEG	BARE=SOUTHWEST QUADRANT OF THE INTERSECTION OF 98TH STREET SE AND 179TH AVENUE SE
GCP284	19047TEF	BARE=SOUTHEAST QUADRANT OF THE INTERSECTION OF SR127 AND 91ST STREET SE
GCP285	19047TDV	BARE=GRAVEL CENTERLINE OF A FIELD ACCESS ON THE EAST SIDE OF SR9
GCP286	19047TDT	BARE=ASPHALT CENTERLINE OF T62 ON THE EAST SIDE OF SR9
GCP287	19047TEB	BARE=CENTERLINE OF A FIELD ACCESS ON THE EAST SIDE OF US75
GCP288	19047TEC	BARE=DIRT CENTERLINE OF A FIELD ACCESS ON THE EAST SIDE OF T128
GCP-ADD01	20014JAP	CENTER OF 24TH AVENUE JUST SOUTH OF SR 43
GCP-ADD02	20014JCE	CENTER OF 71ST STREET ON WEST SIDE OF 35TH AVENUE
GCP-ADD03	20014JCT	CENTER OF 21ST AVENUE JUST NORTH OF 71ST STREET
GCP-ADD04	20014TAD	CENTERLINE OF 471ST AVENUE AND THE EASTERN EDGE OF 20TH AVENUE SE
GCP-ADD05	20014TBO	CENTERLINE OF A DIRT TRACK ON THE EAST SIDE OF 6TH AVENUE NW
GCP-ADD06	20014TBL	CENTERLINE OF 3RD STREET JUST EAST OF FLOODED ROAD
GCP-ADD07	20014TBU	CENTERLINE OF 2ND STREET AND THE WEST EDGE OF 1ST AVENUE
GCP-ADD08	20014TBS	CENTERLINE OF A DRIVE TO THE NORTH OF 5TH STREET NW
GCP-ADD09	20014TBN	CENTERLINE OF 2ND AVENUE AND THE SOUTHERN EDGE OF 5TH STREET
GCP-ADD10	20014TAU	CENTERLINE OF A FIELD ACCESS ON THE NORTH EDGE OF 29TH STREET
GCP-ADD11	20014JCX	CENTER OF FIELD ENTRANCE ON WEST SIDE OF 21ST AVENUE JUST NORTH OF US 2
GCP-ADD12	20014JDC	DIRT ON NORTH SIDE OF 59TH STREET OPPOSITE DRIVE TO THE SOUTH
GCP-ADD13	20014JBW	BARE DIRT FIELD ENTRANCE ON EAST SIDE OF 32ND AVENUE OPPOSITE 79TH STREET
GCP-ADD14	20014JCH	PAVEMENT IN CROSSOVER IN MEDIAN OF US 2
GCP-ADD15	20014JBH	WESTBOUND TRAVEL LANE OF 94TH STREET JUST WEST OF CR 15
GCP-ADD16	20014JAW	NORTHBOUND LANE OF 27TH AVENUE (DEAD END) JUST NORTH OF SR 5
GCP-ADD17	20014JCL	DIRT/SPARSE GRASS ON SOUTH SIDE OF DRIVEWAY AN EAST SIDE OF SR 3
GCP-ADD18	20014JBP	CENTER OF INTERSECTION OF 27TH AVENUE AND 86THSTREET
GCP-ADD19	20014JBL	SOUTHBOUND TRAVEL LANE OF 37TH AVENUE JUST NORTH OF 86TH STREET
GCP-ADD20	20014JCR	CENTER OF 77TH STREET (ROAD CLOSED) ON EAST SIDE OF 19TH AVENUE
NVA001	19047TJG	BARE=DIRT CENTERLINE 75TH STREET SE AND WEST EDGE OF 117TH AVENUE SE
NVA002	19047TBU	BARE=DIRT CENTERLINE OF 146TH AVENUE AND NORTH SIDE OF 22ND STREET SE
NVA003	19047TFB	BARE=DIRT CENTERLINE OF THE DRIVE TO THE HANKINSON NORTH CITY DUMP AND NORTH EDGE OF 92ND STREET SE
NVA004	20012JDI	CENTER OF INTERSECTION OF 110TH AVENUE AND 64TH STREET
NVA005	19047TLF	BARE=DIRT CENTERLINE OF 105TH AVENUE SE AND NORTH EDGE OF 48TH STREET SE
NVA006	20012JDS	CENTER OF 56TH STREET JUST EAST OF 122ND AVENUE
NVA007	19047TAC	BARE=GRAVEL CENTERLINE OF 17 R STREET AND ON THE EAST SIDE OF 172 1/2 R AVENUE
NVA008	19047JKL	GRAVEL/DIRT ROAD
NVA009	19047TLJ	BARE=DIRT CENTERLINE 37TH STREET SE AND SOUTH EDGE OF 102ND AVENUE SE
NVA010	19047TNH	BARE=DIRT CENTERLINE OF A TRACK ROAD TO THE WEST OF CR6 AND OPPOSITE 23RD STREET NE
NVA011	19047TKJ	BARE=DIRT CENTERLINE OF A DRIVE FROM THE WEST SIDE OF 119TH AVENUE SE
NVA012	19047TFP	BARE=DIRT CENTERLINE OF 171ST AVENUE SE AND SOUTH EDGE OF 76TH STREET SE
NVA013	20012JDO	NORTHBOUND LANE OF 111TH AVENUE JUST NORTH OF CR 1
NVA014	19047TEI	BARE=DIRT CENTERLINE OF 172ND AVENUE SE AND SOUTH EDGE OF 98TH STREET SE
NVA015	20012JGU	CENTER OF INTERSECTION OF 91ST AVENUE AND 88TH STREET
NVA016	19047THQ	BARE=DIRT CENTERLINE OF 79TH STREET SE AND WEST EDGE OF CR2
NVA017	19047TFR	BARE=ASPHALT CENTERLINE OF 70TH STREET SE AND WEST SIDE OF SR81
NVA018	19047TBI	BARE=DIRT CENTERLINE OF THE EASTERN MOST ACCESS DRIVE TO A SUBSTATION ON THE NORTH SIDE OF A DIRT ROAD

Station Name	GPSID	Description
NVA019	20012JDW	EASTBOUND LANE OF CR 19 WEST OF CR 12B
NVA020	19047TAI	BARE=GRAVEL CENTERLINE OF 13TH STREET SE AND WEST SIDE OF 163RD AVENUE SE
NVA021	19047TOW	BARE=DIRT CENTERLINE OF 14TH STREET NE AND EAST SIDE OF SR1 (104TH AVENUE NE)
NVA022	19047JGO	DIRT/GRAVEL ROAD
NVA023	19047TCU	BARE=DIRT CENTERLINE OF 43RD STREET SE AND WEST EDGE OF 129TH AVENUE SE
NVA024	20012JBX	EASTBOUND TRAVEL LANE OF 55TH STREET JUST WEST OF 142ND AVENUE
NVA025	19047JLZ	DIRT ON TURN RADIUS FROM HIGHWAY TO DIRT ROAD SOUTH
NVA026	19047TFX	BARE=SOUTHWEST QUADRANT OF THE INTERSECTION OF 65TH STREET SE AND 156TH AVENUE SE
NVA027	19047JIP	GRAVEL/DIRT FIELD ENTRANCE
NVA028	19047JAG	CENTER OF GRAVEL FIELD ENTRANCE
NVA029	19047JAU	DIRT/GRAVEL ROADS
NVA030	19047JIF	C/L DIRT FIELD ENTRANCE
NVA031	19047TOH	BARE=DIRT CENTERLINE OF 100TH AVENUE NE AND A PRIVATE DRIVE TO THE EAST AND A DEAD END IN THE LAKE
NVA032	19047TCR	BARE=ASPHALT CENTERLINE OF 36TH STREET SE AND ON THE EAST EDGE OF SR32
NVA033	19047TCB	BARE=DIRT CENTERLINE OF 24TH STREET SE AND EAST EDGE OF CR38
NVA034	20012JGS	NORTHBOUND TRAVEL LANE ON 95TH STREET JUST SOUTH OF 78TH STREET
NVA035	19047JCP	DIRT/GRAVEL ROAD
NVA036	20012JAO	SPARSE GRASS/DIRT AT WEST EDGE OF 41ST STREET AND AT CENTER OF 7TH AVENUE
NVA037	20012JGP	CENTER OF FIELD ENTRANCE ON SOUTH SIDE OF 74TH STREET OPPOSITE 103RD AVENUE
NVA038	19047JCF	DIRT/GRAVEL ROADS
NVA039	19047JLC	DIRT/GRAVEL ROAD
NVA040	20012JAF	WEST EDGE OF 29 STREET AT NORTH EDGE OF 12TH AVENUE
NVA041	19047TEW	BARE=DIRT PARKING FOR ZION UNITED METHODIST CEMETERY ON THE EAST SIDE OF CR15 AND JUST SOUTH OF CR16
NVA042	19047TEO	BARE=DIRT CENTERLINE OF 100TH STREET SE AND EAST EDGE OF 149TH AVENUE SE
NVA043	19047JKG	BARE GROUND/ROAD
NVA044	19047TDE	BARE=EAST EDGE OF 153RD AVENUE SE AND OPPOSITE MAPLETON CHURCH AND JUST SOUTH OF 42ND STREET SE
NVA045	19047JDB	DIRT/GRAVEL ROAD
NVA046	19047TDJ	BARE=SOUTHEAST QUADRANT OF THE INTERSECTION OF 170TH AVENUE S AND 50TH ST S
NVA047	20012JDK	CENTER OF 103RD AVENUE JUST NORTH OF 62ND STREET
NVA048	19047JHB	BARE GROUND AT C/L FIELD ROAD
NVA049	19047JDQ	OLD PAVEMENT
NVA050	20012JAJ	SPARSE MOWED GRASS ON EAST SIDE OF 41ST STREET AT 1ST AVENUE EXTENDED
NVA051	19047JBJ	DIRT/GRAVEL ROAD
NVA052	19047TOY	BARE=DIRT CENTERLINE OF 110TH AVENUE NE AND SOUTH EDGE OF 12TH STREET NE
NVA053	20012JHI	WEST EDGE OF 72ND AVENUE AT CENTER OF 94TH STREET EXTENDED (FIELD ENTRANCE)
NVA054	19047THU	BARE=DIRT CENTERLINE OF 120TH AVENUE SE AND SOUTH EDGE OF 86TH STREET SE
NVA055	20012JDZ	CENTER OF FIELD ROAD (121ST AVENUE) ON SOUTH SIDE OF CR 1
NVA056	20012JCI	WESTBOUND TRAVEL LANE OF 60TH STREET JUST EAST OF DRIVEWAY NORTH
NVA057	20012JDC	CENTER OF 64TH STREET ON EAST SIDE OF SR 35
NVA058	19047JIR	GRAVEL/DIRT ROAD
NVA059	19047JEB	DIRT/GRAVEL ROAD
NVA060	19047JCU	DIRT/GRAVEL ROADS
NVA061	19047JED	DIRT ROAD
NVA062	19047TKH	BARE=DIRT CENTERLINE OF 47TH STREET SE AND WEST EDGE OF 144TH AVENUE SE
NVA063	20012JFP	CENTER OF INTERSECTION OF 72ND AVENUE AND 59TH STREET
NVA064	19047TNM	BARE=DIRT CENTERLINE OF 24TH STREET NE AND EAST SIDE OF 88TH AVENUE NE
NVA065	19047TCP	BARE=DIRT CENTERLINE OF 125TH AVENUE SE AND THE NORTH EDGE OF 26TH STREET SE
NVA066	19047JAI	DIRT ROAD

Station Name	GPSID	Description
NVA067	20012JFB	NORTHBOUND TRAVEL LANE OF 71ST AVENUE AT CENTER OF ROAD WEST
NVA068	19047TBW	BARE=DIRT CENTERLINE OF 145TH AVENUE SE AND SOUTH SIDE OF 29TH STREET SE
NVA069	19047JFQ	DIRT/GRAVEL ROAD
NVA070	19047TEQ	BARE=SOUTHEAST QUADRANT OF THE INTERSECTION OF 87TH STREET SE AND 151ST AVENUE SE
NVA071	19047JCH	DIRT FIELD ENTRANCE
NVA072	19047JNA	DIRT/GRAVEL ROAD
NVA073	19047TCV	BARE=DIRT CENTERLINE OF 41ST STREET SE AND EAST EDGE OF 132ND AVENUE SE
NVA074	19047JDP	C/L DIRT/GRAVEL ROAD
NVA075	20012JBI	TURN RADIUS FROM 25TH AVENUE EASTBOUND TO 32NDSTREET SOUTHBOUND
NVA076	20012JFS	EASTBOUND TRAVEL LANE OF 63RD STREET AT CENTER OF DRIVEWAY NORTH
NVA077	19047JET	OLD PAVEMENT
NVA078	19047TPB	BARE=DIRT CENTERLINE INTERSECTION OF 21ST STREET NE AND 116TH AVENUE NE
NVA079	19047TGQ	BARE=DIRT CENTERLINE OF A DRIVE ON THE WEST EDGE OF 162ND AVENUE SE
NVA080	19047TLA	BARE=DIRT CENTERLINE OF 2 PRIVATE DRIVES TO THE EAST SIDE OF 109TH AVENUE SE
NVA081	20012JGG	CENTER OF 85TH AVENUE EAST ON NORTH SIDE OF 78TH STREET
NVA082	19047JFA	DIRT/GRAVEL ROAD
NVA083	19047JBL	DIRT/GRAVEL ROAD
NVA084	19047JMR	C/L DIRT/GRAVEL ROADS
NVA085	19047TIM	BARE=ASPHALT CENTERLINE OF 136TH AVENUE SE AND THE SOUTH EDGE OF SR7
NVA086	20012JCH	TURN RADIUS FROM 138TH AVENUE SOUTHBOUND TO 66TH STREET WESTBOUND
NVA087	19047JDA	DIRT/GRAVEL ROADS
NVA088	20012JEO	EASTBOUND TRAVEL LANE OF 34TH STREET JUST WEST OF 84TH AVENUE
NVA089	19047TIY	BARE=ASPHALT CENTERLINE OF 138TH AVENUE SE AND SOUTH OF SR27
NVA090	19047TJO	BARE=CENTERLINE INTERSECTION OF 124TH AVENUE SE AND A PRIVATE DRIVE TO THE EAST
NVA091	19047TJW	BARE=DIRT CENTERLINE OF 58TH STREET SE AND WEST EDGE OF 137TH AVENUE SE
NVA092	19047JBD	DIRT ROAD
NVA093	19047TAH	BARE=DIRT CENTERLINE OF 3RD STREET SE AND WEST SIDE OF 170TH AVENUE SE
NVA094	19047THI	BARE=CENTERLINE OF 147TH AVENUE SE JUST NORTH OF CLOSED ROAD
NVA095	19047TGI	BARE=DIRT CENTERLINE OF 59TH STREET SE AND WEST EDGE OF CR1
NVA096	19047JAM	DIRT/OLD PAVEMENT
NVA097	19047JCK	DIRT/GRAVEL ROADS
NVA098	19047JIX	C/L GRAVEL/DIRT ROAD
NVA099	19047TNW	BARE=DIRT SOUTHWEST QUADRANT OF THE INTERSECTION OF 17TH STREET NE AND 98TH AVENUE NE
NVA100	19047TFE	BARE=DIRT CENTERLINE OF 86TH STREET SE AND EAST EDGE OF CR30
NVA101	19047TIS	BARE=NORTHWEST QUADRANT OF THE INTERSECTION OF 83RD STREET SE AND 141ST AVENUE SE
NVA102	20012JDL	CENTER OF INTERSECTION OF 54TH STREET AND 105TH AVENUE
NVA103	19047JCL	DIRT/GRAVEL ROAD
NVA104	19047TOQ	BARE=DIRT CENTERLINE OF 31ST STREET NE AND EAST EDGE OF 111TH AVENUE NE
NVA105	20012JDF	EASTBOUND TRAVEL LANE OF 72ND STREET JUST EAST OF CR 22
NVA106	19047JDD	DIRT/GRAVEL ROADS
NVA107	19047JLL	DIRT/GRAVEL ROADS
NVA108	19047TBR	BARE=DIRT CENTERLINE OF 149TH AVENUE SE AND 31ST STREET SE
NVA109	19047TJQ	BARE=DIRT CENTERLINE OF 59TH STREET SE AND WEST EDGE OF 127TH AVENUE SE
NVA110	19047TAY	BARE=DIRT CENTERLINE OF 157TH AVENUE SE AND SOUTH SIDE OF 14 R STREET
NVA111	19047TKE	BARE=DIRT CENTERLINE OF 149TH AVENUE SE AND SOUTH EDGE OF CR16
NVA112	19047TNU	BARE=SOUTHEAST QUADRANT OF THE INTERSECTION OF 8TH STREET NE AND 100TH AVENUE NE
NVA113	19047TKX	BARE=ASPHALT CENTERLINE OF 45TH STREET SE AND EAST EDGE OF 113TH AVENUE SE
NVA114	19047JKS	C/L GRAVEL/DIRT FIELD ROAD
NVA115	20012JGE	CENTER OF 83RD STREET ON WEST SIDE OF CR 5
NVA116	19047JCX	DIRT/GRAVEL ROAD

Station Name	GPSID	Description
NVA117	20012JBE	CENTER OF FIELD ROAD (21 AVENUE) OPPOSITE 39TH STREET ON EAST SIDE OF 49TH STREET/126TH AVENUE
NVA118	20012JHH	CENTER OF 91ST STREET WEST OF 75TH AVENUE
NVA119	19047JKO	GRAVEL/DIRT ROAD
NVA120	19047TFT	BARE=ASPHALT CENTERLINE OF BROADWAY STREET S AND SOUTH SIDE OF CR4
NVA121	19047TIQ	BARE=DIRT CENTERLINE OF 133RD AVENUE SE AND NORTH EDGE OF 87TH STREET SE
NVA122	19047TKQ	BARE=DIRT CENTERLINE OF CR38 AND WEST EDGE OF CR37
NVA123	19047TJC	BARE=ASPHALT CENTERLINE 122ND AVENUE SE AND SOUTH SIDE OF SR27
NVA124	20012JEW	CENTER OF ROAD TO PUMPS ON NORTH SIDE OF 40TH STREET
NVA125	20012JHA	CENTER OF INTERSECTION OF 88TH AVENUE AND 104TH STREET
NVA126	20012JBA	CENTER OF 117TH AVENUE ON NORTH SIDE OF 37TH STREET
NVA127	20012JAC	INTERSECTION OF 7TH AVENUE AND 34TH STREET
NVA128	19047JIO	BARE GROUND AT FIELD ENTRANCE
NVA129	19047TMC	BARE=DIRT CENTERLINE OF 25TH STREET SE AND WEST EDGE OF 97TH AVENUE SE
NVA130	19047TAB	BARE=DIRT CENTERLINE OF 171ST AVENUE SE AND THE SOUTH SIDE OF 21ST STREET SE
NVA131	19047TME	BARE=GRAVEL CENTERLINE OF A PULL OFF ON THE NORTH EDGE OF 17TH STREET SE
NVA132	20012JCP	TURN RADIUS FROM 73RD STREET WESTBOUND TO 126TH AVENUE NORTHBOUND
NVA133	19047JFM	GRAVEL/DIRT ROAD ON EAST SIDE OF N-S ROAD
NVA134	19047TDB	BARE=DIRT CENTERLINE OF 42ND 1/2 STREET SE AND EAST EDGE OF 142ND AVENUE SE
NVA135	19047TKK	BARE=DIRT CENTERLINE OF 122ND AVENUE SE AND SOUTH EDGE OF 45TH STREET SE
NVA136	19047TNR	BARE=SOUTHEAST QUADRANT OF THE INTERSECTION OF 95TH AVENUE NE AND 5TH STREET NE
NVA137	19047JJW	C/L GRAVEL/DIRT ROAD
NVA138	19047JHI	C/L GRAVEL/DIRT ROAD
NVA139	19047TPG	BARE=GRAVEL CENTERLINE OF 118TH AVENUE NE AND SOUTHEAST EDGE OF SR45 (9TH STREET NE)
NVA140	19047TKC	BARE=DIRT CENTERLINE OF 137TH AVENUE SE AND SOUTH EDGE OF 46TH STREET SE
NVA141	19047JGE	C/L FIELD ENTRANCE ROAD
NVA142	20012JCO	WEST EDGE OF 132ND AVENUE AT NORTH EDGE OF 74TH STREET
NVA143	19047JJZ	GRAVEL/DIRT ROAD
NVA144	19047JJR	GRAVEL/DIRT ROAD
NVA145	20012JGB	FIELD ENTRANCE ON SOUTH SIDE OF 85TH STREET OPPOSITE 74TH AVENUE
NVA146	20012JAA	CENTER OF 28TH STREET EXTENDED JUST SOUTH OF 4TH AVENUE
NVA147	19047JLV	C/L DIRT/GRAVEL ROADS
NVA148	20012JBP	TURN RADIUS FROM 28TH STREET WESTBOUND TO 40TH STREET NORTHBOUND
NVA149	20012JAX	CENTER OF FIELD ACCESS ON EAST SIDE OF 119TH AVENUE
NVA150	20012JBC	SPARSE GRASS FIELD ENTRANCE IN SW QUADRANT OF INTERSECTION OF 122ND AVENUE AND 43RD STREET
NVA151	19047JHS	GRAVEL/DIRT ROAD
NVA152	19047TAN	BARE=ASPHALT CENTER OF THE SOUTH POND COURT EAST CUL DU SAC
NVA153	19047TLQ	BARE=GRAVEL CENTERLINE OF AN ACCESS DRIVE TO A SMALL COMPRESSOR ON THE WEST SIDE OF 112TH AVENUE SE
NVA154	19047JBH	DIRT/GRAVEL ROAD
NVA155	19047TAZ	BARE=DIRT CENTERLINE OF 12TH STREET SE AND WEST SIDE OF 149TH AVENUE SE
NVA156	19047JEM	C/L DIRT ROAD
NVA157	19047JJT	DIRT/GRAVEL/SPARSE GRASS ON FIELD ENTRANCE ROAD
NVA158	20012JFM	PAVED TURN RADIUS FROM 85TH STREET SOUTHBOUND TO 60TH STREET WESTBOUND
NVA159	19047JBB	DIRT/GRAVEL ROAD
NVA160	19047JJI	C/L GRAVEL/DIRT ROAD
NVA161	20012JCA	NORTHBOUND TRAVEL LANE OF 146TH AVENUE JUST SOUTH OF ENTRANCE TO PROCESSING AREA
NVA162	19047TOM	BARE=GRAVEL CENTERLINE OF 41ST STREET NE AND EAST SIDE OF SR1 (105TH AVENUE NE)
NVA163	19047JEK	PAVED ROAD
NVA164	19047JMX	C/L DIRT/GRAVEL ROADS

Station Name	GPSID	Description
NVA165	19047TMN	BARE=DIRT CENTERLINE OF TOWNSHIP ROAD AND THE NORTH EDGE OF 1ST STREET SE
NVA166	19047TBJ	BARE=SOUTHWEST QUADRANT OF INTERSECTION OF 10TH STREET SE AND 132ND AVENUE SE
NVA167	19047JEH	C/L DIRT/GRAVEL ROADS
NVA168	20012JHK	CENTER OF INTERSECTION OF 77TH AVENUE AND 103RD STREET
NVA169	19047TIT	BARE=NORTHEAST INTERSECTION OF 79TH STREET SE AND A DRIVE TO THE NORTH
NVA170	19047TFN	BARE=ASPHALT CENTERLINE OF 167TH AVENUE SE AND ON THE NORTH SIDE OF CR8
NVA171	19047TEY	BARE=DIRT CENTERLINE OF 167TH AVENUE SE AND 81ST STREET SE
NVA172	19047TMH	BARE=GRAVEL CENTERLINE OF 6TH STREET SE AND SOUTHWEST SIDE OF 99TH AVENUE SE
NVA173	19047JLY	C/L DIRT/GRAVEL ROAD
NVA174	19047TGE	BARE=SIDE STREET ON THE WEST SIDE OF CR17 SOUTH AND JUST SOUTH FROM CR14
NVA175	20012JCL	SOUTHBOUND TRAVEL LANE OF 131ST AVENUE JUST NORTH OF SR 17
NVA176	19047JHV	GRAVEL/DIRT ROAD
NVA177	19047TPT	BARE=DIRT SOUTHWEST QUADRANT OF THE INTERSECTION OF CR19 AND 9TH STREET SE
NVA178	19047JCN	DIRT/GRAVEL ROAD
NVA179	20012JFZ	NORTHBOUND TRAVEL LANE OF 70TH AVENUE AT CENTER OF 77TH STREET
NVA180	19047TEE	BARE=SOUTHWEST QUADRANT OF THE INTERSECTION OF 660TH AVENUE AND 780TH STREET
NVA181	19047TPU	BARE=GRAVEL CENTERLINE OF THE WESTERN DRIVE TO CLINTON A BROWN MEMORIAL PARK ON THE SOUTH SIDE OF 7TH STREET SE
NVA182	20012JCD	WESTBOUND TRAVEL LANE OF 69TH PLACE NE JUST WEST OF 147TH AVENUE
NVA183	19047TAM	BARE=DIRT CENTERLINE OF 169TH AVENUE SE AND NORTH SIDE OF 76TH AVENUE NORTH
NVA184	19047TEN	BARE=DIRT CENTERLINE OF 156TH AVENUE SE AND NORTH EDGE OF 96TH STREET SE
NVA185	19047JGP	GRAVEL/DIRT ROAD
NVA186	19047JMF	PAVEMENT ON WEST SIDE OF N-S HIGHWAY
NVA187	20012JHB	TURN RADIUS FROM 84TH AVENUE NORTHBOUND TO 99TH STREET EASTBOUND
NVA188	19047TGV	GRASS=NORTHWEST QUADRANT OF THE INTERSECTION OF 49TH STREET SE AND 155TH AVENUE SE
NVA189	19047TIG	BARE=CENTER OF THE INTERSECTION OF 87TH STREET SE AND EAST SIDE OF 127TH AVENUE SE
NVA190	19047JDY	C/L DIRT/GRAVEL ROAD
NVA191	19047TGO	BARE=NORTHWEST QUADRANT OF THE INTERSECTION OF CR27 AND CR36
NVA192	19047JMV	DIRT/GRAVEL ROAD
NVA193	19047JCW	DIRT/GRAVEL ROAD
NVA194	19047TMJ	BARE=DIRT CENTERLINE OF 8TH STREET SE AND WEST EDGE OF 103RD AVENUE SE
NVA195	19047TBF	BARE=DIRT CENTERLINE OF 7TH STREET SE AND WEST SIDE OF 126TH AVENUE SE
NVA196	19047JCY	DIRT ROAD/GRAVEL ROAD
NVA197	20012JCU	EAST EDGE OF 119TH AVENUE AT CENTER OF FIELD ENTRANCE OPPOSITE 75TH STREET
NVA198	19047TLS	BARE=DIRT CENTERLINE OF 20TH STREET SE AND EAST EDGE OF 106TH AVENUE SE
NVA199	19047JMP	DIRT/GRAVEL ROAD
NVA200	19047TES	BARE=SOUTHEAST QUADRANT OF THE INTERSECTION OF SR13 AND 149TH AVENUE SE
NVA201	19047JCS	GRAVEL PARKING LOT
NVA202	20012JDP	CENTER OF 54TH STREET JUST WEST OF 116TH AVENUE
NVA203	19047JBP	PAVEMENT
NVA204	19047TLP	BARE=DIRT SOUTHSIDE OF 25TH STREET SE AND CENTER OF A TRUCK SCALE AREA TO THE SOUTH AND WEST SIDE OF A SET OF RAILROAD TRACKS THAT ARE ON THE WEST SIDE OF 109TH AVENUE SE
NVA205	19047JLG	DIRT/GRAVEL ROADS
NVA206	19047TKG	BARE=DIRT CENTERLINE OF 47TH STREET SE AND WEST EDGE OF 144TH AVENUE SE
NVA207	19047THM	BARE=ASPHALT CENTERLINE OF 79TH STREET SE AND THE WEST EDGE OF SR32
NVA208	19047JHD	GRAVEL/DIRT ROAD
NVA209	19047TLX	BARE=DIRT CENTERLINE OF 13TH STREET SE AND EAST EDGE OF 105TH AVENUE SE
NVA210	19047TLZ	BARE=DIRT CENTERLINE OF 101ST AVENUE SE AND NORTH SIDE OF SR4 (16TH STREET SE)
NVA211	19047TNG	BARE=NORTHWEST QUADRANT OF 25TH STREET NE AND 78TH AVENUE NE

Station Name	GPSID	Description
NVA212	19047JCD	PAVEMENT
NVA213	19047TDU	BARE=ASPHALT SOUTHERN END OF THE PARKING LOT FOR TRACTOR SUPPLY ON THE NORTH SIDE OF 4TH AVENUE S AND EAST OF 13TH STREET S
NVA214	19047TDD	BARE=DIRT CENTERLINE OF 45TH STREET SE AND EAST EDGE OF 150TH AVENUE SE
NVA215	20012JGY	CENTER OF 100TH STREET EXTENDED ON WEST SIDE OF 90TH AVENUE
NVA216	19047TOT	BARE=DIRT CENTERLINE OF 108AVENUE NE AND NORTH EDGE OF 24TH STREET NE
NVA217	19047TNO	BARE=GRAVEL CENTER OF A PULL OFF AREA ON THE EAST SIDE OF SR20 AND OPPOSITE THE INTERSECTION WITH SR15
NVA218	19047TOP	BARE=GRAVEL CENTERLINE OF A TRACK ROAD TO THE WEST OFF OF SR1 (105TH AVENUE NE)
NVA219	19047JHM	GRAVEL/DIRT ROAD
NVA220	19047TPD	BARE=GRAVEL CENTERLINE OF A FIELD ACCESS ON THE WEST SIDE OF SR32 (120TH AVENUE NE)
NVA221	19047JII	BARE GROUND/OLD PAVEMENT/SPARSE GRASS
NVA222	19047JHQ	C/L GRAVEL/DIRT ROAD
NVA223	19047JDH	DIRT/GRAVEL ROAD
NVA224	19047TGJ	BARE=DIRT CENTERLINE OF 59TH STREET SE AND WEST EDGE OF CR1
NVA225	19047JHF	SPARSE GRASS AT FIELD ENTRANCE
NVA226	20012JFH	NORTHBOUND TRAVEL LANE OF 99TH STREET AT CENTER OF UNNAMED ROAD WEST
NVA227	20012JAS	SOUTHBOUND TRAVEL LANE OF 48TH STREET JUST SOUTH OF SR 15
NVA228	20012JEG	NORTHBOUND TRAVEL LANE OF 98TH AVENUE JUST SOUTH OF 48TH STREET
NVA229	19047JJL	GRAVEL/DIRT ROAD
NVA230	19047TMY	BARE=ASPHALT CENTERLINE OF 84TH AVENUE NE AND NORTH SIDE OF SR200 (3RD STREET NE)
NVA231	19047TCE	BARE=SOUTHWEST QUADRANT OF INTERSECTION OF CR4 AND CR1
NVA232	20012JCZ	SOUTHEAST BOUND LANE OF MAIN STREET (ASPHALT PAVEMENT) JUST EAST OF 126TH AVENUE
NVA233	20012JFC	NORTHBOUND TRAVEL LANE OF 89TH AVENUE JUST SOUTH OF 49TH STREET
NVA234	19047JFS	INTERSECTION OF DIRT/GRAVEL ROADS
NVA235	19047TAS	BARE=DIRT CENTERLINE OF 36TH STREET SE AND THE EAST SIDE OF 154TH AVENUE SE
NVA236	20012JHE	GRAVEL AREA (OLD APRON) IN NW QUADRANT OF INTERSECTION OF SR20/SR5 AND 84TH AVENUE
NVA237	19047TIW	BARE=SOUTH SIDE OF 71ST STREET SE JUST WEST OF A PRIVATE DRIVE
NVA238	19047TIP	BARE=DIRT CENTERLINE OF 88TH STREET SE AND WEST EDGE OF 140TH AVENUE SE
NVA239	19047JLS	DIRT/GRAVEL ROAD
NVA240	19047TGX	BARE=DIRT CENTERLINE OF 153RD AVENUE SE AND NORTH EDGE OF 53RD STREET SE
NVA241	19047JAC	DIRT/GRAVEL ROAD
NVA242	19047TPK	BARE=DIRT CENTERLINE OF 4TH STREET NE AND WEST EDGE OF 112TH AVENUE NE
NVA243	19047TBA	BARE=DIRT CENTERLINE OF 142ND AVENUE SE AND SOUTH SIDE OF 11TH STREET SE
NVA244	19047TII	BARE=CENTERLINE OF 130TH AVENUE SE JUST NORTH OF ROAD GOING INTO A SMALL LAKE
NVA245	19047TOK	BARE=DIRT PULL OFF ON THE WEST END OF 41ST STREET NE AND LAKE ROAD
NVA246	19047TDM	BARE=DIRT CENTERLINE OF T204 AND SOUTH EDGE OF 190TH STREET
NVA247	19047TLT	BARE=DIRT CENTERLINE OF 17TH STREET SE AND EAST EDGE OF 112TH AVENUE SE
NVA248	19047JDW	C/L DIRT/GRAVEL ROAD
NVA249	19047JBW	SHORT GRASS
NVA250	19047TNB	BARE=DIRT CENTERLINE OF 73RD AVENUE NE AND SOUTH EDGE OF 20TH STREET NE
NVA251	19047TCA	BARE=DIRT CENTERLINE OF 137TH AVENUE SE AND SOUTH SIDE OF CR32
NVA252	19047JHK	C/L GRAVEL/DIRT ROAD
NVA253	19047JCQ	DIRT/GRAVEL ROAD
NVA254	19047TKU	BARE=DIRT CENTERLINE OF 51ST STREET SE AND NORTH EDGE OF 115TH AVENUE SE
NVA255	19047TBC	BARE=NORTHWEST QUADRANT OF THE INTERSECTION OF CR8 AND CR9
NVA256	19047TNX	BARE=ASPHALT SOUTHEAST QUADRANT OF THE INTERSECTION OF SR23 (100TH AVENUE NE) AND 23RD STREET NE
NVA257	19047TCL	BARE=DIRT CENTERLINE OF 16TH R STREET AND WEST EDGE OF CR1
NVA258	19047JGY	GRAVEL/DIRT ROAD

Station Name	GPSID	Description
NVA259	19047TFV	BARE=DIRT SOUTHWEST QUADRANT OF THE INTERSECTION OF 62NS STREET SE AND 162ND AVENUE SE
NVA260	19047TEK	BARE=DIRT CENTERLINE OF 161ST AVENUE SE AND NORTH EDGE OF CR22
NVA261	19047TFJ	BARE=DIRT CENTERLINE OF 158TH AVENUE SE AND SOUTH EDGE OF 78TH STREET SE
NVA262	20012JEC	PAVED WESTBOUND LANE OF 42ND STREET JUST EAST OF 110TH AVENUE
NVA263	19047JKN	GRAVEL/DIRT ROAD
NVA264	19047JKD	GRAVEL/DIRT ROAD
NVA265	19047TJT	BARE=ASPHALT CENTERLINE OF CR135 AND EAST EDGE OF SR32
NVA266	19047TET	BARE=DIRT CENTERLINE OF 153RD AVENUE SE AND THE SOUTH EDGE OF CR10
NVA267	19047JMD	DIRT/GRAVEL ROAD
NVA268	19047TKB	BARE=DIRT CENTERLINE OF A FIELD TRACK TO THE EAST OF 136TH AVENUE SE
NVA269	19047JGK	GRAVEL/DIRT ROAD
NVA270	19047JMK	DIRT/GRAVEL ROAD
NVA271	19047TPE	BARE=DIRT CENTERLINE OF 11TH STREET NE AND EAST EDGE OF CR25 (122ND AVENUE NE)
NVA272	19047JDK	DIRT/GRAVEL ROAD
NVA273	19047TGA	BARE=DIRT CENTERLINE OF 59TH STREET SE AND EAST EDGE OF 153RD AVENUE SE
NVA274	19047THC	BARE=ASPHALT CENTERLINE OF CR53 AND ON THE NORTH SIDE OF CR27
NVA275	19047TIA	BARE=DIRT CENTERLINE OF 121ST AVENUE SE AND NORTH EDGE OF CR5
NVA276	19047JAR	DIRT/GRAVEL ROAD
NVA277	19047TDA	BARE=SOUTHWEST QUADRANT OF THE INTERSECTION OF 39TH STREET SE AND 137TH AVENUE SE
NVA278	19047JDD	DIRT/GRAVEL ROAD
NVA279	19047TPQ	BARE=DIRT NORTHEAST QUADRANT OF THE INTERSECTION OF 1ST STREET SE AND 121ST AVENUE SE
NVA280	19047TNF	BARE=ASPHALT CENTERLINE OF 75TH AVENUE NE AND NORTH EDGE 29TH STREET NE
NVA281	20012JFY	SOUTHBOUND TRAVEL LANE OF 70TH AVENUE ON SOUTH SIDE SR 17
NVA282	19047TJL	BARE=ASPHALT CENTERLINE OF 59TH STREET SE AND WEST EDGE OF 117TH AVENUE SE
NVA283	20012JFK	CENTER OF INTERSECTION OF 95TH AVENUE AND 65TH STREET
NVA284	19047TBT	BARE=DIRT CENTERLINE OF 24TH STREET SE AND WEST SIDE OF 153RD AVENUE SE
NVA285	19047TGH	BARE=DIRT CENTERLINE OF 51ST STREET SE AND EAST EDGE OF 171ST AVENUE SE
NVA286	19047TAU	BARE=DIRT CENTERLINE OF A FIELD TRACK TO THE EAST OF 35TH R STREET SE
NVA287	19047THB	BARE=DIRT CENTERLINE OF 59TH STREET SE AND NORTHEAST EDGE OF 144TH AVENUE SE
NVA288	19047JKX	C/L GRAVEL/DIRT ROAD
NVA289	20012JAH	WEST EDGE OF 30TH STREET AT NORTH EDGE OF 15TH AVENUE
NVA290	19047JDM	DIRT/GRAVEL FIELD ENTRANCE
NVA291	20012JAK	NORTH EDGE OF 13TH AVENUE AT CENTER OF FIELD ENTRANCE OPPOSITE 39TH STREET
NVA292	20012JGJ	WESTBOUND TRAVEL LANE OF 72ND STREET JUST EAST OF 78TH AVENUE
NVA293	19047TOJ	BARE=DIRT SOUTHWEST QUADRANT OF THE INTERSECTION OF 95TH AVENUE NE AND 42ND STREET NE
NVA294	19047TAQ	BARE=DIRT ON THE NORTHWEST CORNER OF THE INTERSECTION OF 160TH AVENUE SE AND 33RD STREET SE
NVA295	19047TDR	BARE=DIRT CENTERLINE OF T38 JUST EAST FROM CR3 AND NEWLY PAVED APRON
NVA296	20012JEU	PAVEMENT ON TURN RADIUS FROM 35TH AVENUE EASTBOUND TO 77TH AVENUE SOUTHBOUND
NVA297	19047JEC	DIRT/GRAVEL ROAD
NVA298	19047JHZ	GRAVEL/DIRT PARKING AREA
NVA299	20012JAM	TURN RADIUS FROM 15TH AVENUE WESTBOUND TO 44TH STREET NORTHBOUND
NVA300	19047JEG	DIRT/GRAVEL ROADS
NVA301	19047JHX	BARE DIRT
NVA302	19047TNP	BARE=DIRT CENTERLINE OF 90TH AVENUE NE AND SOUTH EDGE OF 16TH STREET NE
NVA303	19047JFH	C/L OF DIRT/GRAVEL ROAD
NVA304	19047TOB	BARE=ASPHALT NORTHWEST QUADRANT OF THE INTERSECTION OF CR23A AND 31ST STREET NE
NVA305	19047TLM	BARE=DIRT CENTERLINE OF 32ND STREET SE AND WEST EDGE OF 101ST AVENUE SE

Station Name	GPSID	Description
NVA306	19047TNZ	BARE=GRAVEL SOUTHWEST QUADRANT OF THE INTERSECTION OF SR20 (93RD AVENUE NE) AND SR15 (27TH STREET NE)
NVA307	19047TMX	BARE=DIRT CENTERLINE OF A DRIVE TO THE EAST OF 87TH AVENUE NE
NVA308	19047JGA	DIRT/GRAVEL FIELD ENTRANCE ROAD
NVA309	20012JEL	DIRT SHOULDER ON WEST SIDE OF 81ST AVENUE (PAVED) JUST SOUTH OF 39TH STREET
NVA310	19047TPO	BARE=DIRT SOUTHWEST QUADRANT OF THE INTERSECTION OF 6TH STREET NE AND 122ND AVENUE NE
NVA311	19047JKV	GRAVEL/DIRT FIELD ROAD
NVA312	19047TMQ	BARE=DIRT CENTER OF A PRIVATE DRIVE ON THE NORTH EDGE OF 11TH STREET SE
NVA313	20012JEE	CENTER OF FIELD ENTRANCE ON SOUTH SIDE OF 44TH STREET OPPOSITE 101ST AVENUE TO THE NORTH
NVA314	19047JAK	DIRT/GRAVEL ROAD
NVA315	19047TBP	BARE=DIRT CENTERLINE OF 19TH STREET SE AND EAST SIDE OF 151ST AVENUE SE
NVA316	20012JBG	CENTER OF FIELD ROAD OPPOSITE 21ST AVENUE ON EAST SIDE OF 42ND STREET
NVA317	20012JDX	CENTER OF INTERSECTION OF 31ST AVENUE AND 49TH STREET
NVA318	19047THX	BARE=DIRT CENTERLINE OF CR7 AND EAST EDGE OF CR2
NVA319	20012JAJ	CENTER OF ACCESS ROAD TO TOWER AT WEST EDGE OF 3640 17TH AVENUE
NVA320	19047JJG	GRAVEL/DIRT ROAD
NVA321	19047JDF	DIRT/GRAVEL ROADS
NVA322	19047TOF	BARE=DIRT NORTHEAST QUADRANT OF THE INTERSECTION OF CR359 AND 88TH STREET
NVA323	19047JDR	OLD PAVEMENT
NVA324	19047JGJ	GRAVEL/DIRT ROAD
NVA325	20012JFI	WESTBOUND TRAVEL LANE OF 63RD STREET JUST WEST OF DRIVEWAY SOUTH
NVA326	19047JMJ	DIRT/GRAVEL ROAD TO ANTENNA ON WEST SIDE OF N-S ROAD
NVA327	19047JLF	C/L GRAVEL DRIVE TO AG TANKS
NVA328	20012JAY	TURN RADIUS FROM 26TH STREET WESTBOUND TO 117TH STREET NORTHBOUND
NVA329	19047TML	BARE=DIRT CENTERLINE OF A DIRT DRIVE TO A GRAVEL PIT ON THE EAST SIDE OF 104TH AVENUE SE
NVA330	19047TCN	BARE=DIRT CENTERLINE OF 24TH STREET SE AND EAST EDGE OF 120TH AVENUE SE
NVA331	20012JBO	CENTER OF 30TH AVENUE AT CENTER OF 35TH STREET
NVA332	19047TJE	BARE=DIRT CENTERLINE OF 127TH AVENUE SE AND SOUTH EDGE OF 76TH STREET SE
NVA333	19047TDH	BARE=NORTHWEST QUADRANT OF THE INTERSECTION OF 100TH AVENUE S AND 40TH STREET S
NVA334	19047TMT	BARE=GRAVEL CENTERLINE OF 88TH AVENUE SE AND NORTH SIDE OF 4TH STREET SE
NVA335	20012JFR	DIRT/GRAVEL IN INTERSECTION OF 60TH STREET AND 79TH AVENUE
NVA336	19047TGZ	BARE=DIRT CENTERLINE OF 56TH STREET SE AND WEST EDGE OF 147TH AVENUE SE
NVA337	19047TLV	BARE=DIRT CENTERLINE OF A FIELD TRACK TO THE NORTH OF SR4 (14TH STREET SE)
NVA338	20012JAT	TURN RADIUS FROM 46TH STREET NORTHBOUND TO 8TH AVENUE EASTBOUND
NVA339	19047TBN	BARE=NORTHWEST QUADRANT OF THE INTERSECTION OF CR26/CR3 AND 142ND AVENUE SE
NVA340	19047TAV	BARE=DIRT CENTERLINE OF 162ND AVENUE SE AND NORTH SIDE OF 27TH STREET SE
NVA341	19047TKM	BARE=DIRT CENTERLINE OF 125TH AVENUE SE AND SOUTH EDGE OF 49TH STREET SE
NVA342	19047TCI	BARE=ASPHALT CENTERLINE OF 20TH STREET SE AND ON THE WEST SIDE OF SR32
NVA343	19047JAF	DIRT/GRAVEL ROAD
NVA344	19047JER	PAVEMENT AT DIRT ROAD
NVA345	19047TCG	BARE=CENTERLINE OF 30TH STREET SE AND EAST SIDE OF SR32
NVA346	19047TAE	BARE=DIRT CENTERLINE OF 170TH AVENUE SE AND THE NORTH EDGE OF CR1
NVA347	20012JCF	CENTER OF 74TH STREET ON EAST SIDE OF 143RD AVENUE
NVA348	19047THS	BARE=DIRT CENTERLINE OF A DRIVE TO DAKOTA VALLEY ELECTRIC COMPANY AND THE WEST EDGE OF SR1
NVA349	19047JJF	C/L GRAVEL/DIRT ROAD INTERSECTION
NVA350	19047TBY	BARE=CENTERLINE INTERSECTION OF 36TH STREET SE AND 143RD AVENUE SE
NVA351	19047TEA	BARE=DIRT SOUTHEAST QUADRANT ON THE INTERSECTION OF T129 AND 440TH STREET
NVA352	19047JBE	DIRT/GRAVEL ROAD
NVA353	19047TBL	BARE=DIRT CENTERLINE OF 16 R STREET AND EAST SIDE OF 138 1/2 AVENUE SE
NVA354	19047JLQ	DIRT/GRAVEL ROAD

Station Name	GPSID	Description
NVA355	19047JFW	DIRT/GRAVEL ROAD
NVA356	19047JBT	DIRT/GRAVEL ROADS
NVA357	20012JGM	SOUTH EDGE OF PAVED SHOULDER OF SR 17 AND NORTH EDGE OF PAVED APRON FOR FIELD ENTRANCE
NVA358	19047JMS	DIRT/GRAVEL ROAD
NVA359	20012JDB	CENTER OF FIELD ENTRANCE ON EAST SIDE OF 119TH AVENUE OPPOSITE 63RD STREET
NVA360	19047TAW	BARE=DIRT CENTERLINE OF 19TH STREET SE AND EAST SIDE OF 159TH AVENUE SE
NVA361	19047TFM	BARE=DIRT CENTERLINE OF 69TH STREET SE AND EAST EDGE OF 161ST AVENUE SE
NVA362	19047JFB	DIRT/GRAVEL ROAD
NVA363	20012JBS	GRAVEL/SPARSE GRASS ON WEST SIDE OF ROAD IN RECREATION AREA
NVA364	20012JCV	CENTER OF 67TH STREET ON EAST SIDE OF CR 16
NVA-ADD01	20014JAM	PAVED APRON TO 29TH AVENUE ON SOUTH SIDE OF SR 43
NVA-ADD02	20014JAS	CENTER OF 101ST STREET JUST EAST OF CR 1
NVA-ADD03	20014JAE	EASTBOUND TRAVEL LANE OF BIA-12 JUST WEST OF BIA-5
NVA-ADD04	20014JAZ	TURN RADIUS FROM 97TH STREET EASTBOUND TO 33RD AVENUE SOUTHBOUND
NVA-ADD05	20014JAV	EASTBOUND TRAVEL LANE OF 97TH STREET JUST WEST OF CR 1
NVA-ADD06	20014JAF	CENTER OF PAVED ENTRANCE TO INDIAN SCHOOL ON EAST SIDE OF 42ND AVENUE
NVA-ADD07	20014JAA	CENTER OF 49TH AVENUE ON NORTH SIDE OF 93RD STREET
NVA-ADD08	20014JAD	CENTER OF INTERSECTION OF CR 21 AND 94TH STREET
NVA-ADD09	20014JBC	CENTER OF 90TH STREET AT CENTER OF FIELD ROAD NORTH
NVA-ADD10	20014JBE	CENTER OF INTERSECTION OF 92ND STREET AND 33RD AVENUE
NVA-ADD11	20014JBJ	CENTER OF 39TH AVENUE ON SOUTH SIDE OF 90TH STREET
NVA-ADD12	20014JBD	WEST EDGE OF 29TH AVENUE AT CENTER OF DRIVE WEST
NVA-ADD13	20014JBK	SPARSE GRASS IN INTERSECTION OF 88TH STREET AND 36TH AVENUE
NVA-ADD14	20014JBO	ROUGH PAVEMENT ON TURN RADIUS FROM 28TH AVENUE NORTHBOUND TO 87TH STREET EASTBOUND
NVA-ADD15	20014JBG	CENTER OF PAVED APRON TO FIELD ENTRANCE ON WEST SIDE OF CR 15
NVA-ADD16	20014JBT	EASTBOUND TRAVEL LANE OF 83RD STREET JUST WEST OF CR 15
NVA-ADD17	20014JBS	TURN RADIUS FROM 82ND STREET EASTBOUND TO 31ST AVENUE SOUTHBOUND
NVA-ADD18	20014JCQ	NORTH EDGE OF 78TH STREET AT CENTER OF FIELD ENTRANCE OPPOSITE 19TH AVENUE
NVA-ADD19	20014JCW	WESTBOUND TRAVEL LANE OF 66TH STREET AT CENTER OF 21ST AVENUE TO THE SOUTH
NVA-ADD20	20014JBZ	NORTHBOUND TRAVEL LANE OF 37TH AVENUE JUST SOUTH OF 75TH STREET
NVA-ADD21	20014JCM	CENTER OF FIELD ENTRANCE ON NORTH SIDE OF 77TH STREET OPPOSITE 28TH AVENUE
NVA-ADD22	20014JCU	TURN RADIUS FROM 72ND STREET EASTBOUND TO 25TH AVENUE SOUTHBOUND
NVA-ADD23	20014JCG	BARE GROUND ON FIELD ENTRANCE ON EAST SIDE OF 33RD AVENUE OPPOSITE 70TH STREET
NVA-ADD24	20014JDO	SOUTHBOUND TRAVEL LANE OF 44TH AVENUE OPPOSITE UNNAMED ROAD TO THE EAST AND FIELD ENTRANCE WEST
NVA-ADD25	20014JCD	CENTER OF INTERSECTION OF 70TH STREET AND 38TH AVENUE
NVA-ADD26	20014JCY	TURN RADIUS FROM 27TH AVENUE SOUTHBOUND TO 62ND STREET WESTBOUND
NVA-ADD27	20014JDB	CENTER OF 63RD STREET AT EAST SIDE OF 15TH AVENUE
NVA-ADD28	20014JDE	TURN RADIUS FROM 59TH STREET EASTBOUND TO 22ND AVENUE SOUTHBOUND
NVA-ADD29	20014JDD	TURN RADIUS FROM 15TH AVENUE SOUTHBOUND TO 57TH STREET WESTBOUND
NVA-ADD30	20014JDF	CENTER OF INTERSECTION OF 24TH AVENUE AND 58TH STREET
NVA-ADD31	20014JDA	CENTER OF INTERSECTION OF 62ND STREET AND 20TH AVENUE
NVA-ADD32	20014JDK	CENTER OF 42ND AVENUE (FIELD ROAD) ON SOUTH SIDE OF 59TH STREET
NVA-ADD33	20014JDH	EASTBOUND TRAVEL LANE OF 58TH STREET JUST WEST OF 36TH AVENUE (FIELD ENTRANCE)
NVA-ADD34	20014JDM	CENTER OF 63RD STREET (FIELD ROAD) ON EAST SIDE OF 39TH AVENUE
NVA-ADD35	20014JCI	WESTBOUND TRAVEL LANE OF 66TH STREET AT CENTER OF 35TH AVENUE (FIELD ROAD)
NVA-ADD36	20014JCK	TURN RADIUS FROM 68TH STREET WESTBOUND TO 28TH AVENUE NORTHBOUND
NVA-ADD37	20014JBY	CENTER OF INTERSECTION OF 31ST AVENUE AND 74TH STREET
NVA-ADD38	20014JBU	CENTER OF FIELD ROAD (37TH AVENUE) ON SOUTH SIDE OF 80TH STREET
NVA-ADD39	20014JCS	CENTER OF T INTERSECTION OF 19TH AVENUE AND 71ST STREET
NVA-ADD40	20014JDQ	BARE DIRT AT CENTER OF 34TH AVENUE EXTENDED ON SOUTH SIDE OF 62ND STREET

Station Name	GPSID	Description
NVA-ADD41	20014TAT	CENTERLINE INTERSECTION OF 1ST AVENUE AND A PRIVATE DRIVE TO THE SOUTH AND WEST
NVA-ADD42	20014TAI	CENTERLINE OF 27TH STREET ON THE EAST SIDE OF 16TH AVENUE
NVA-ADD43	20014TAJ	CENTER OF THE INTERSECTION OF 14TH AVENUE AND 25TH STREET
NVA-ADD44	20014TBH	CENTERLINE OF 2ND STREET AND THE WEST EDGE OF 3RD AVENUE
NVA-ADD45	20014TAN	CENTERLINE OF 30TH STREET AND THE WEST EDGE OF 10TH AVENUE
NVA-ADD46	20014TAQ	CENTERLINE OF A FIELD TRACK TO THE EAST OF 5TH AVENUE AND OPPOSITE 25TH STREET
NVA-ADD47	20014TAX	CENTERLINE OF 26TH STREET AND THE EAST EDGE OF 3RD AVENUE
NVA-ADD48	20014TAO	CENTERLINE OF 8TH AVENUE AND THE SOUTH EDGE OF 28TH STREET
NVA-ADD49	20014TAZ	CENTERLINE OF 24TH STREET NW AND A PULL OFF TO THE SOUTH
NVA-ADD50	20014TAP	CENTERLINE OF 5TH AVENUE AND THE SOUTHERN EDGE OF 29TH STREET
NVA-ADD51	20014TBA	CENTERLINE OF A PRIVATE DRIVE TO THE NORTH OF 18TH STREET NW
NVA-ADD52	20014TBC	CENTERLINE INTERSECTION OF 12TH STREET NW AND 5TH AVENUE NW
NVA-ADD53	20014TBP	SOUTH EDGE OF 4TH STREET SW AND THE CENTERLINE OF A DRIVE TO A SAND/GRAVEL PIT
NVA-ADD54	20014TBT	CENTERLINE OF 7TH AVENUE NW AND THE NORTH EDGE OF RAILROAD WAY
NVA-ADD55	20014TBG	CENTERLINE OF 3RD AVENUE AND THE NORTH EDGE OF 7TH STREET
NVA-ADD56	20014TBE	CENTERLINE OF 6TH STREET NW AND THE WEST EDGE OF 2ND AVENUE NW
NVA-ADD57	20014TBM	CENTERLINE INTERSECTION OF 5TH STREET AND 4TH AVENUE
NVA-ADD58	20014TBQ	CENTERLINE OF 1ST STREET SW AND THE WEST EDGE OF 2ND AVENUE SW
NVA-ADD59	20014TBK	CENTERLINE OF A PRIVATE DRIVE TO THE SOUTH OF 10TH AVENUE AND MAIN STREET EAST
NVA-ADD60	20014TAH	CENTERLINE OF 25TH AVENUE AND THE NORTH EDGE OF 10TH STREET
NVA-ADD61	20014TAG	CENTERLINE INTERSECTION AND ON THE OUTSIDE OF A 90 DEGREE BEND FOR 4TH STREET AND 24TH AVENUE
NVA-ADD62	20014TAA	CENTERLINE OF 25TH AVENUE AND THE SOUTH EDGE OF 2ND STREET
NVA-ADD63	20014TAF	CENTERLINE INTERSECTION OF 116TH AVENUE AND 3RD STREET
NVA-ADD64	20014TBI	CENTERLINE OF 7TH AVENUE AND SOUTH OF WATER ACROSS ROAD JUST NORTH OF THE INTERSECTION WITH 2ND AVENUE NE
VVA001	19047TJP	GRASS=SOUTHWEST QUADRANT OF THE INTERSECTION OF 55TH STREET SE AND 129TH AVENUE SE
VVA002	19047JCZ	HIGH GRASS/WEEDS
VVA003	19047TPA	GRASS=SOUTH SIDE OF CR15 AND EAST SIDE OF A TRACK ROAD TO THE SOUTH
VVA004	19047JGM	HIGH GRASS/WEEDS
VVA005	19047JJE	HIGH GRASS
VVA006	19047JMW	HIGH GRASS/WEEDS
VVA007	19047TJF	GRASS=SOUTHSIDE OF 77TH STREET SE AND EAST FROM THE INTERSECTION OF 118TH AVENUE SE
VVA008	19047TLI	GRASS=NORTH SIDE OF 42ND STREET SE AND WEST SIDE OF A FIELD ACCESS TO THE NORTH
VVA009	19047TON	GRASS=WEST SHOULDER OF SR1 (105TH AVENUE NE) AND OPPOSITE 38TH STREET NE
VVA010	20012JDG	HIGH WEEDS ON NORTH SIDE OF SR 17 AND WEST OF 110TH AVENUE
VVA011	20012JAZ	HIGH WEEDS ON NORTH SIDE OF 37TH STREET N
VVA012	20012JHJ	HIGH GRASS IN NW QUADRANT OF INTERSECTION OF 99TH STREET AND 74TH AVENUE
VVA013	19047TBD	GRASS=AT THE SOUTHEAST QUADRANT OF THE INTERSECTION OF CR 6 AND 129TH AVENUE SE
VVA014	19047JKT	HIGH GRASS/WEEDS
VVA015	19047JFY	HIGH GRASS/WEEDS
VVA016	20012JAD	HIGH GRASS IN SE QUADRANT OF INTERSECTION OF 8TH AVENUE NE AND 30TH STREET
VVA017	19047JLX	HIGH GRASS/WEEDS ON WEST SIDE OF N-S ROAD
VVA018	19047JFT	HIGH GRASS/WEEDS IN NW QUADRANT OF INTERSECTION
VVA019	19047JNC	HIGH GRASS IN VACANT LOT
VVA020	19047TOE	GRASS=NORTHEAST QUADRANT OF THE INTERSECTION OF 31ST STREET NE AND 102ND AVENUE NE
VVA021	19047TLE	GRASS=SOUTHWEST QUADRANT OF 48TH STREET SE AND SR11
VVA022	19047TOS	GRASS=SOUTH SHOULDER OF SR15 (26TH STREET NE)
VVA023	19047THP	GRASS=NORTH SIDE OF SR13 AND EAST OF A FIELD ACCESS

Station Name	GPSID	Description
VVA024	19047THA	GRASS=SOUTH SIDE OF 58TH STREET SE AND BETWEEN AND ON THE NORTH OF TWO PASTURE GATES
VVA025	20012JAR	HIGH GRASS ON SOUTH SIDE OF DITCH ON SOUTH SIDE OF 1ST AVENUE
VVA026	20012JCN	BRUSH ON EAST SIDE OF CR12 BETWEEN FIELDS
VVA027	20012JCE	HIGH GRASS IN SE QUADRANT OF INTERSECTION OF 71ST STREET AND 143RD AVENUE
VVA028	19047JAH	HIGH GRASS/WEEDS
VVA029	19047TDK	GRASS=SOUTH SIDE OF 180TH AVENUE S AND OPPOSITE INTERSECTION WITH 50TH ST S
VVA030	19047TIZ	GRASS=EAST SIDE OF 133RD AVENUE SE
VVA031	19047TFO	GRASS=NORTHWEST QUADRANT OF THE INTERSECTION OF CR25 AND 76TH STREET SE
VVA032	19047JIL	HIGH GRASS/WEEDS
VVA033	19047JBM	HIGH GRASS/WEEDS
VVA034	19047TLO	GRASS=SOUTHWEST QUADRANT OF 107TH AVENUE SE AND 29TH STREET SE
VVA035	20012JDR	HIGH GRASS IN NE QUADRANT OF INTERSECTION OF 60TH STREET AND CR 16
VVA036	19047TJM	GRASS=ON THE NORTH SIDE OF 59TH STREET SE AND EAST SIDE OF A FIELD ACCESS
VVA037	19047JLI	HIGH WEEDS
VVA038	20012JGF	HIGH GRASS IN SW QUADRANT OF INTERSECTION OF 81ST STREET AND 85TH AVENUE
VVA039	20012JBH	HIGH GRASS ON SOUTH SIDE OF 20TH AVENUE EAST
VVA040	19047TFY	GRASS=SOUTH SIDE OF SR27 AND EAST SIDE OF A PASTURE ACCESS
VVA041	19047JGF	HIGH GRASS/WEEDS ADJACENT TO CORN FIELD
VVA042	19047JDL	HIGH GRASS/WEEDS
VVA043	20012JEV	HIGH GRASS ON NORTH SIDE OF SR 57 JUST EAST OF FIELD ENTRANCE
VVA044	19047TMZ	GRASS=CENTER OF THE WESTERN SHOULDER OF US281 AND SOUTH OF A DRIVE TO A GARAGE
VVA045	20012JEP	HAY FIELD ON NORTH SIDE OF SR 20
VVA046	19047TEH	GRASS=NORTH SIDE OF 99TH STREET SE AND JUST WEST OF A FORD
VVA047	19047TKT	GRASS=NORTHEAST QUADRANT OF 52ND STREET SE AND 115TH AVENUE SE
VVA048	19047JIE	HIGH GRASS/WEEDS
VVA049	19047JCG	HIGH GRASS/WEEDS
VVA050	19047TIF	GRASS=CENTERLINE OF A FIELD ACCESS ON THE NORTH SIDE OF SR11 AND JUST WEST FROM 7TH STREET
VVA051	19047THF	GRASS=SOUTH SHOULDER OF CR1 AND WEST FROM CR14
VVA052	20012JHD	HIGH GRASS IN LOW AREA ON NORTH SIDE OF SR 20 AND WEST SIDE OF FIELD ENTRANCE
VVA053	19047TLR	GRASS=WEST SIDE OF SR1 (109TH AVENUE SE) AND SOUTH SIDE OF A FIELD TRACK TO THE WEST
VVA054	19047TKN	GRASS=NORTHWEST SIDE OF 125TH AVENUE SE AND OPPOSITE A PRIVATE DRIVE
VVA055	20012JFW	HIGH GRASS IN SW QUADRANT OF INTERSECTION OF 73RD AVENUE AND 67TH STREET
VVA056	19047TDW	GRASS=ON THE SOUTH SIDE OF 360TH STREET AND WEST OF A FIELD ACCESS AND BETWEEN TWO FIELDS
VVA057	19047JKH	HIGH WEEDS
VVA058	20012JDD	HIGH GRASS IN SW QUADRANT OF INTERSECTION OF 77TH STREET AND 112TH AVENUE
VVA059	20012JGZ	HIGH GRASS IN NE QUADRANT OF INTERSECTION OF 88TH AVENUE AND 102ND STREET
VVA060	19047TAL	GRASS=WEST SIDE OF A FIELD ACCESS ON THE SOUTH SIDE OF 25TH STREET SE
VVA061	19047TLL	GRASS=SOUTH SIDE OF 29TH STREET SE AND OPPOSITE THE INTERSECTION WITH 97TH AVENUE SE
VVA062	19047TIU	GRASS=HIGH GRASS
VVA063	19047TFW	GRASS=CENTER OF A FIELD ACCESS ON THE SOUTH SIDE OF 64TH STREET SE
VVA064	19047JJY	HIGH WEEDS
VVA065	19047JFO	HIGH GRASS/WEEDS ON WEST SIDE OF N-S ROAD
VVA066	19047THJ	GRASS=WEST SIDE OF CR12 AND SOUTH SIDE OF A FIELD ACCESS
VVA067	19047TAD	GRASS=ON THE NORTH SIDE OF 14 R STREET AND JUST WEST FROM 168 AVENUE
VVA068	19047TJV	GRASS=EAST SIDE OF 140TH AVENUE SE AND CENTER OF A FIELD ACCESS
VVA069	20012JEN	WEEDS IN SW QUADRANT OF INTERSECTION OF 89TH AVENUE AND 35TH STREET
VVA070	19047JEE	HIGH GRASS/WEEDS
VVA071	19047TKR	GRASS=SOUTH SIDE OF 53RD STREET SE AND WEST SIDE OF A FIELD TRACK TO THE SOUTH

Station Name	GPSID	Description
VVA072	19047TCS	GRASS=SOUTH SIDE OF 37TH STREET SE AND JUST EAST OF THE INTERSECTION WITH 125TH AVENUE SE
VVA073	20012JAW	HIGH GRASS ON WEST SIDE OF SR 32 AND SOUTH SIDE OF FIELD ENTRANCE
VVA074	19047TKL	GRASS=SOUTHEAST QUAD OF THE INTERSE CTION OF 49TH STREET SE AND 121ST AVENUE SE
VVA075	19047JLP	HIGH WEEDS
VVA076	20012JFQ	HIGH GRASS ON SOUTH SIDE OF 58TH STREET OPPOSITE OLD BARN
VVA077	19047JIV	HIGH GRASS
VVA078	19047JIJ	HIGH GRASS/WEEDS
VVA079	20012JGL	HIGH GRASS ON WEST SIDE OF FIELD ENTRANCE ON SOUTH SIDE OF 71ST STREET
VVA080	19047TNS	GRASS=EAST SHOULDER OF 98TH VENUE NE AND NORTH OF A FIELD ACCESS
VVA081	20012JBF	CENTER OF UNMOWED FIELD ENTRANCE ON NORTH SIDE OF 23RD AVENUE
VVA082	19047JMG	HIGH GRASS/WEEDS
VVA083	19047JMN	HIGH GRASS/WEEDS
VVA084	19047TPS	GRASS=NORTH SIDE OF 1ST STREET SE AND EAST OF 114TH AVENUE SE
VVA085	19047JDN	HIGH GRASS/WEEDS
VVA086	19047JIA	UNMOWED GRASS
VVA087	19047TCO	GRASS=CENTER OF A FIELD ACCESS ON THE NORTH SIDE OF 26TH STREET SE
VVA088	19047TMR	GRASS=ON THE WEST SIDE OF 85TH AVENUE SE AND SOUTH OF A SHORT FIELD TRACK TO THE WEST
VVA089	19047TFC	GRASS=SOUTHWEST QUADRANT OF THE INTERSECTION OF 157TH AVENUE SE AND 90TH STREET SE
VVA090	19047TNY	GRASS=SOUTHEASTQUADRANT OF THE INTERSECTION OF 23RD STREET NE AND 95TH AVENUE NE
VVA091	19047TMD	GRASS=EAST SIDE OF 91 1/2 AVENUE SE AND ON THE SOUTH SIDE OF A FIELD TRACK
VVA092	20012JHG	HIGH GRASS ON EAST SIDE OF 74TH AVENUE AND SOUTH SIDE OF FIELD ENTRANCE (91ST STREET)
VVA093	19047TMG	GRASS=NORTH SHOULDER OF 13TH STREET SE AND WEST SIDE OF 95TH AVENUE SE
VVA094	19047JDT	HIGH GRASS/WEEDS
VVA095	20012JDM	WEEDS ON SOUTH SIDE OF CR 1 ON EAST SIDE OF FIELD ENTRANCE
VVA096	19047J CJ	HIGH GRASS/WEEDS
VVA097	19047TPV	GRASS=NORTH SIDE OF 11TH STREET SE AND WEST OF SR1
VVA098	19047JGZ	HIGH GRASS/WEEDS ON EAST SIDE OF ROAD
VVA099	19047JIU	HIGH WEEDS
VVA100	20012JEI	HIGH GRASS ON WEST SIDE OF 92ND AVENUE OPPOSITE FIELD ROAD
VVA101	19047JDG	HIGH GRASS/WEEDS
VVA102	19047TOU	GRASS=EAST SIDE OF SR1 (106TH AVENUE NE) AND NORTH SIDE OF A FIELD TRACK TO THE EAST AND OPPOSITE CR18 (22ND STREET NE)
VVA103	19047JID	HIGH GRASS
VVA104	19047TED	GRASS=NORTHWEST QUADRANT OF THE INTERSECTION OF 750TH STREET AND 650TH AVENUE
VVA105	20012JDJ	BRUSH IN LOW AREA BETWEEN SR 1 AND 62ND STREET
VVA106	19047TIN	GRASS=CENTERLINE OF A FIELD ACCESS ON THE NORTH SIDE OF SR11
VVA107	19047TBG	GRASS=SOUTHWEST QUADRANT OF THE INTERSECTION OF 10TH STREET SE AND 124TH AVENUE SE
VVA108	19047JGR	HIGH GRASS/WEEDS
VVA109	19047TOI	GRASS=SOUTH SIDE OF 40TH STREET NE AND INTERSECTION WITH 95TH AVENUE NE
VVA110	19047JEV	HIGH GRASS/WEEDS
VVA111	19047TAG	GRASS=NORTHEAST QUADRANT OF THE INTERSECTION OF ND200 AND 170TH AVENUE SE
VVA112	19047JKA	HIGH GRASS/WEEDS
VVA113	19047JJA	HIGH GRASS/WEEDS
VVA114	19047THZ	GRASS=CENTERLINE OF A FIELD ACCESS AND NORTH END OF A FIELD ON THE SOUTH SIDE OF 98TH AVENUE SE
VVA115	20012JGC	HIGH GRASS IN SW QUADRANT OF INTERSECTION OF 86TH STREET AND 81ST AVENUE
VVA116	19047TMW	GRASS=CENTER OF A FIELD ACCESS ON THE NORTH SIDE OF 8TH STREET NE
VVA117	19047JMT	CROPS
VVA118	19047TCJ	GRASS=NORTHEAST QUADRANT OF THE INTERSECTION OF SR32 AND CR6

Station Name	GPSID	Description
VVA119	19047JHG	HIGH WEEDS
VVA120	19047THT	GRASS=NORTHEAST QUADRANT OF THE INTERSECTION OF 85TH STREET SE AND 113TH AVENUE SE
VVA121	19047TCD	GRASS=SOUTHEAST QUADRANT OF THE INTERSECTION OF 23RD STREET SE AND 136TH AVENUE SE
VVA122	19047JGU	GRAVEL/DIRT ROAD
VVA123	19047JIC	HIGH GRASS/WEEDS
VVA124	19047JFD	HIGH GRASS/WEEDS
VVA125	20012JGR	HIGH GRASS ON SOUTH SIDE OF 74TH STREET
VVA126	19047TGD	GRASS=SOUTHEAST QUADRANT OF THE INTERSECTION OF 56TH STREET SE AND 164TH AVENUE SE
VVA127	19047TGF	BARE=ASPHALT CENTERLINE OF CR36 ON THE SOUTH EDGE OF CR16
VVA128	19047TPJ	GRASS=WEST SIDE OF 109TH AVENUE NE AND NORTH SIDE OF A LOADING AREA
VVA129	19047TEU	GRASS=NORTH SIDE OF 86TH STREET SE AND EAST SIDE OF A FIELD ACCESS
VVA130	19047JJO	HIGH GRASS/WEEDS
VVA131	19047JDU	HIGH GRASS/WEEDS
VVA132	19047TEL	GRASS=EAST SIDE OF 163RD AVENUE SE AND NORTH SIDE OF A FIELD ACCESS
VVA133	20012JBW	HIGH VEGETATION ON EAST SIDE OF 136TH AVENUE
VVA134	19047TAP	GRASS=NORTHEAST QUADRANT OF THE INTERSECTION OF 25TH STREET SE AND 166TH AVENUE SE
VVA135	19047TAT	GRASS=SOUTHEAST QUADRANT OF THE INTERSECTION OF 154TH AVENUE SE AND 31ST STREET SE
VVA136	19047TJR	GRASS=EAST SIDE OF 126TH AVENUE SE AND ON THE NORTH SIDE OF ACCESS TO SILOS
VVA137	20012JGI	HIGH GRASS IN NE QUADRANT OF INTERSECTION OF 80TH AVENUE AND 76TH STREET
VVA138	20012JEA	HIGH WEEDS IN NW QUADRANT OF INTERSECTION OF 119TH AVENUE AND 50TH STREET
VVA139	19047TBV	GRASS=SOUTHEAST QUADRANT OF THE INTERSECTION OF 147TH AVENUE SE AND 26TH STREET SE
VVA140	19047TLY	GRASS=NORTHEAST QUADRANT OF THE INTERSECTION OF 103RD AVENUE SE AND 15TH STREET SE
VVA141	20012JAU	HIGH GRASS IN NW QUADRANT OF INTERSECTION OF 124TH AVENUE AND 26TH STREET
VVA142	19047THN	GRASS=SOUTHWEST QUADRANT OF THE INTERSECTION OF SR13 AND 129TH AVENUE SE
VVA143	19047TFS	GRASS=NORTH SIDE OF 68TH STREET SE AND EAST SIDE OF A FIELD ACCESS TO THE WEST OF 168TH AVENUE SE
VVA144	19047THH	GRASS=HIGH GRASS
VVA145	20012JDV	HIGH GRASS IN SW QUADRANT OF INTERSECTION OF CR 19 AND 127TH AVENUE
VVA146	19047TMO	GRASS=NORTHSIDE OF 2ND STREET NE AND EXTENDED CENTERLINE OF 92ND AVENUE NE
VVA147	20012JCC	HIGH GRASS IN SE QUADRANT OF INTERSECTION OF 146TH AVENUE AND 65TH STREET
VVA148	20012JFF	SW QUADRANT OF INTERSECTION OF 93RD AVENUE AND 58TH STREET
VVA149	19047TMA	GRASS=SOUTHEAST QUADRANT OF THE INTERSECTION OF 99TH AVENUE SE AND 20TH STREET SE
VVA150	20012JEB	CORN STALKS ON EAST SIDE OF SR 35
VVA151	20012JBR	CUT CORN STALKS IN SE QUADRANT OF INTERSECTION OF 44TH STREET NE AND 31ST AVENUE
VVA152	19047TMU	GRASS=SOUTHEAST QUADRANT OF THE INTERSECTION OF 2ND STREET SE AND 83RD AVENUE SE
VVA153	20012JFU	HIGH GRASS IN NW QUADRANT OF INTERSECTION OF 75TH AVENUE AND 64TH STREET
VVA154	19047JHJ	HIGH WEEDS
VVA155	19047TKZ	GRASS=SOUTHWEST QUADRANT OF 113TH AVENUE SE AND 38TH STREET SE
VVA156	19047TKI	GRASS=NORTH SIDE OF SR6 AND EAST SIDE OF A FIELD ACCESS
VVA157	19047JAB	WEEDS
VVA158	19047JHW	HIGH GRASS/WEEDS
VVA159	20012JFL	HIGH GRASS ON SOUTH SIDE OF 62ND STREET AND ON WEST EDGE OF 87TH AVENUE EXTENDED
VVA160	20012JBM	HIGH GRASS IN WIDE DITCH ON NORTH SIDE OF 28TH AVENUE
VVA161	20012JGA	HIGH GRASS IN SW QUADRANT OF INTERSECTION OF 81ST STREET AND 70TH AVENUE
VVA162	19047JLA	HIGH GRASS/WEEDS
VVA163	19047TGW	GRASS=NORTHWEST QUADRANT OF THE INTERSECTION OF 49TH STREET SE AND 155TH AVENUE SE

Station Name	GPSID	Description
VVA164	20012JAB	CORN FIELD ON SOUTH SIDE OF 4TH AVENUE
VVA165	19047TJB	GRASS=SOUTHEAST QUADRANT OF ELLIOTT ROAD AND 69TH STREET SE
VVA166	19047TCF	GRASS=SOUTHEAST QUADRANT OF THE INTERSECTION OF 133RD AVENUE SE AND 29TH STREET SE
VVA167	19047TGC	GRASS=NORTH SIDE OF SR18 AND WEST OF A DIRT DRIVE
VVA168	19047TMI	GRASS=SOUTHEAST QUADRANT OF THE INTERSECTION OF 5TH STREET SE AND 99TH AVENUE SE
VVA169	19047TIX	GRASS=CENTERLINE OF A FIELD ACCESS AND ON THE WEST SIDE OF 141ST AVENUE SE
VVA170	19047JHU	HIGH WEEDS
VVA171	20012JAL	HIGH GRASS IN SW QUADRANT OF INTERSECTION OF 15TH AVENUE AND 42ND STREET
VVA172	19047TBO	GRASS=SOUTHWEST QUADRANT OF THE INTERSECTION OF 15TH STREET SE AND 144TH AVENUE SE
VVA173	19047TCZ	GRASS=NORTH SHOULDER OF 135TH AVENUE SE AND NORTHWEST FROM THE INTERSECTION WITH 36TH STREET SE
VVA174	19047JAW	HIGH GRASS/WEEDS
VVA175	19047TKF	GRASS=EAST SIDE OF 142ND AVENUE SE AND OPPOSITE THE INTERSECTION WITH 50TH STREET SE
VVA176	19047JCT	HIGH GRASS/WEEDS
VVA177	19047TAA	GRASS=WEST SIDE OF 173RD AVENUE SE JUST SOUTH OF 29TH STREET SE
VVA178	19047TNJ	GRASS=SOUTH OF SR15 AND EAST SIDE OF A TRACK ROAD TO THE SOUTH
VVA179	19047JEL	HIGH GRASS/WEEDS
VVA180	19047JJK	HIGH GRASS/WEEDS
VVA181	19047JBR	HIGH GRASS/WEEDS
VVA182	20012JBZ	HIGH GRASS ON SOUTH SIDE OF 56TH STREET ABOUT 200 FEET WEST OF 148TH AVENUE
VVA183	20012JCQ	CORN STALKS ON SOUTH SIDE OF 76TH STREET
VVA184	19047JHO	HIGH GRASS/WEEDS
VVA185	19047JEI	HIGH GRASS/WEEDS
VVA186	19047JLD	HIGH GRASS/WEEDS
VVA187	19047TAX	GRASS=NORTH SIDE OF A TRACK TO THE WEST OF 158TH AVENUE SE
VVA188	19047JCB	HIGH GRASS/WEEDS
VVA189	19047JKY	HIGH GRASS/WEEDS
VVA190	19047JBF	HIGH GRASS/WEEDS
VVA191	19047TDS	GRASS=WEST SIDE OF 180TH STREET AND NORTH OF A SMALL CREEK
VVA192	19047JDJ	HIGH GRASS/WEEDS
VVA193	20012JAG	HIGH GRASS IN SW QUADRANT OF INTERSECTION OF 27TH STREET AND 12TH AVENUE
VVA194	19047TIK	GRASS=NORTHWEST QUADRANT OF THE INTERSECTION OF CR7 AND 132ND AVENUE SE
VVA195	19047TFA	GRASS=SOUTHEAST QUADRANT OF THE INTERSECTION OF 170TH AVENUE SE AND 83RD STREET SE
VVA196	19047JLU	HIGH WEEDS
VVA197	19047JDZ	HIGH GRASS/WEEDS
VVA198	19047TMM	GRASS=NORTH SIDE OF MAIN STREET AND EAST OF 107TH AVENUE SE
VVA199	19047TBK	GRASS=NORTHEAST QUADRANT OF THE INTERSECTION OF 11TH STREET SE AND 137TH AVENUE SE
VVA200	19047JFI	HIGH GRASS/WEEDS
VVA201	19047JCR	HIGH GRASS/WEEDS
VVA202	19047TJJ	GRASS=NORTHWEST QUADRANT OF THE INTERSECTION OF 117TH AVENUE SE AND 65TH STREET SE
VVA203	19047TJI	GRASS=GRASS ON THE SOUTHEAST QUADRANT OF THE INTERSECTION OF 70TH STREET SE AND 117TH AVENUE SE
VVA204	19047TPF	GRASS=ON THE WEST SHOULDER OF SR45 (118TH AVENUE NE)
VVA205	19047TLC	GRASS=SOUTH SIDE OF 50TH STREET SE AND WEST SIDE OF A FIELD TRACK TO THE SOUTH
VVA206	19047TKP	GRASS=SOUTHWEST QUADRANT OF THE INTERSECTION OF 46TH STREET SE AND 132ND AVENUE SE
VVA207	19047TFK	GRASS=CENTER OF AN OLD ROAD GRADE ON THE EAST SIDE OF SR18 AND OPPOSITE 74TH STREET SE
VVA208	20012JCV	HIGH GRASS ON NE SIDE OF 69TH STREET

Station Name	GPSID	Description
VVA209	19047TGK	GRASS=SOUTHWEST QUADRANT OF THE INTERSECTION OF CR2 AND 173RD AVENUE SE
VVA210	19047JKQ	HIGH GRASS/WEEDS
VVA211	19047JFL	HIGH GRASS/WEEDS IN SE QUADRANT OF INTERSECTION
VVA212	20012JGN	HIGH GRASS IN NW QUADRANT OF 71ST STREET AND 101ST AVENUE
VVA213	19047JJS	HIGH WEEDS/CROPS
VVA214	20012JCK	HIGH GRASS IN NE QUADRANT OF INTERSECTION OF 65TH STREET AND 133RD AVENUE
VVA215	20012JES	HIGH GRASS ON WEST SIDE OF 79TH AVENUE
VVA216	19047TOX	GRASS=SOUTH SIDE OF 13TH STREET NE AND EAST OF SR1 (104TH AVENUE NE)
VVA217	19047JAT	HIGH GRASS/WEEDS
VVA218	19047TDF	GRASS=NORTHEAST QUADRANT OF THE INTERSECTION OF 38TH STREET SE AND 151ST AVENUE SE
VVAF01	19047JMM	WOODS ON SOUTH SIDE OF E-W ROAD
VVAF02	19047TDZ	WOODS=ON THE WEST SIDE OF SR9 AND OPPOSITE 420TH STREET AND ON THE EAST BANK OF THE RED RIVER
VVAF03	20012JEK	WOODS ON SOUTH SIDE OF 80TH AVENUE
VVAF04	19047JBZ	WOODS
VVAF05	19047JAP	WOODS
VVAF06	19047TGN	WOODS=SMALL PATCH OF TREES ON THE NORTHEAST SIDE OF 56 1/2 STREET SE AND 175TH AVENUE SE
VVAF07	20012JCY	WOODS ON SOUTH SIDE OF 63RD STREET ON WEST SIDE OF CREEK
VVAF08	20012JDU	WOODS ON NORTHSIDE OF 56TH STREET ON BEND
VVAF09	19047TNL	WOODS=EAST SIDE OF 87TH AVENUE NE AND SOUTH OF A PULL OFF
VVAF10	19047TOD	WOODS=WEST SIDE OF 102ND AVENUE NE AT DEAD END INTO STUMP LAKE
VVAF11	19047JNE	WOODS ON EAST SIDE OF CEMETARY ON SOUTH SIDE OF HIGHWAY
VVAF12	20012JBU	WOODS ON SOUTH SIDE OF 35TH AVENUE
VVAF13	19047JGX	WOODS ON WEST SIDE OF N-S ROAD
VVAF14	20012JHM	WOODS ON WEST SIDE OF SR 20 INSIDE CAMP GRAFTON BIVOUAC AREA
VVAF15	20012JCS	WOODS
VVAF16	19047JAZ	WOODS
VVAF17	19047TDQ	WOODS=WEST SIDE OF 225TH STREET AND EAST BANK OF A CREEK
VVAF18	19047TPI	WOODS=TREELINE OF THE EAST SIDE OF 113TH AVENUE NE AND NORTH OF A FIELD ACCESS AND SOUTH OF 14TH STREET NE
VVAF19	19047TND	WOODS=NORTH SIDE OF 24TH STREET NE AND OPPOSITE SUNFLOWER FIELD
VVAF20	19047TGT	WOODS=NORTH SIDE OF 43RD STREET SE
VVAF21	19047TKA	WOODS=NORTH SIDE OF 8TH AVENUE AND WEST SIDE OF A DIRT DRIVE TO A WATER TANK
VVAF22	19047TFI	WOODS=WEST SIDE OF 155TH AVENUE SE AND SOUTH SIDE OF A SUGAR BEETS FIELD
VVAF23	19047JJD	WOODS ON WEST SIDE OF N-S ROAD
VVAF24	19047JLO	WOODS ON EAST SIDE OF N-S ROAD
VVAF25	19047JEP	WOODS
VVAF26	19047JEY	WOODS
VVAF27	19047JMC	WOODS ON WEST SIDE OF N-S HIGHWAY
VVAF28	19047TCY	WOODS=NORTHWEST QUADRANT OF THE INTERSECTION OF 34TH STREET SE AND 134TH AVENUE SE
VVAF29	20012JEZ	WOODS ON EASTSIDE OF 72ND AVENUE
VVAF30	19047TKW	WOODS=SOUTHSIDE OF 47TH STREET SE AND ON THE WEST SIDE OF SHEYENNE RIVER
VVAF31	20012JBK	WOODS IN NE QUADRANT OF INTERSECTION
VVAF32	19047TPN	WOODS=NORTH SIDE OF 6TH STREET NE AND ON THE EAST SIDE OF A CREEK
VVAF33	19047TIE	WOODS=NORTH SIDE OF 97TH STREET SE AND WEST SIDE OF A CORN FIELD
VVAF-ADD1	20014JAO	WOODS ON WEST SIDE OF 25TH AVENUE NEAR END OF ROAD
VVAF-ADD2	20014JAL	WOODS ON WEST SIDE OF 33RD AVENUE JUST INSIDE WILDLIFE MANAGEMENT AREA
VVAF-ADD3	20014JAU	WOODS ON WEST SIDE OF 24TH AVENUE
VVAF-ADD4	20014JAJ	WOODS ON SOUTH SIDE OF BIA-4
VVAF-ADD5	20014JAH	WOODS ON NORTH SIDE OF BIA-10
VVAF-ADD6	20014JAY	WOODS ON EAST SIDE OF 29TH AVENUE
VVAF-ADD7	20014JAR	WOODS ON WEST SIDE OF 28TH AVENUE JUST NORTH OF LAKES

Station Name	GPSID	Description
VVA-ADD01	20014JBA	HIGH WEEDS ON SOUTH SIDE OF FARM ROAD
VVA-ADD02	20014JAB	HIGH GRASS ON FIELD ENTRANCE ON EAST SIDE OF 47TH AVENUE OPPOSITE FENCE LINE TO THE WEST
VVA-ADD03	20014JAC	HIGH WEEDS ON WEST SIDE OF CR 21 JUST NORTH OF FIELD ENTRANCE TO THE WEST
VVA-ADD04	20014JBI	HIGH GRASS ON NORTH SIDE OF BIA-13 AND EAST SIDE OF FIELD ROAD
VVA-ADD05	20014JBF	HIGH WEEDS IN NW QUADRANT OF INTERSECTION OF 91ST STREET AND BLACKTHORN AVENUE
VVA-ADD06	20014JBN	HIGH GRASS ON NORTH SIDE OF SR 66 AND WEST SIDE OF FIELD ENTRANCE
VVA-ADD07	20014JBR	HIGH GRASS ON WEST SIDE OF 28TH AVENUE AND SOUTH SIDE OF FIELD ENTRANCE
VVA-ADD08	20014JBV	HIGH GRASS ON SOUTH SIDE OF 80TH STREET
VVA-ADD09	20014JCA	HIGH GRASS ON WEST SIDE OF 40TH AVENUE
VVA-ADD10	20014JBX	HIGH GRASS ON WEST SIDE OF 32ND AVENUE ON SOUTH SIDE OF FIELD ENTRANCE
VVA-ADD11	20014JCN	HIGH GRASS ON WEST SIDE OF 26TH AVENUE
VVA-ADD12	20014JBQ	HIGH GRASS ON SOUTH SIDE OF 85TH STREET
VVA-ADD13	20014JCO	HIGH GRASS ON SOUTH SIDE OF 77TH STREET
VVA-ADD14	20014JDN	HIGH GRASS ON SOUTH SIDE OF 66TH STREET OPPOSITE FIELD ENTRANCE NORTH
VVA-ADD15	20014JDI	HIGH GRASS ON NORTH SIDE OF 61ST STREET JUST WEST OF 38TH AVENUE
VVA-ADD16	20014JDG	HIGH GRASS ON WEST SIDE OF 30TH AVENUE (FIELD ROAD) ON SOUTH SIDE OF 60TH STREET
VVA-ADD17	20014JCZ	HIGH GRASS IN SE QUADRANT OF INTERSECTION OF 63RD STREET AND 23RD AVENUE
VVA-ADD18	20014JDL	HIGH GRASS ON WEST SIDE OF DRIVE TO SILOS ON SOUTH SIDE OF 61ST STREET
VVA-ADD19	20014JBM	HIGH WEEDS IN FALLOW FIELD ON SOUTH SIDE OF 85TH STREET AND EAST SIDE OF 35TH AVENUE EXTENDED
VVA-ADD20	20014JCV	HIGH GRASS ON NORTH SIDE OF 70TH STREET AND EAST SIDE OF FIELD ENTRANCE
VVA-ADD21	20014JCB	HIGH GRASS ON WEST SIDE OF 36TH AVENUE NEAR CORNER OF FIELD
VVA-ADD22	20014JCJ	HIGH GRASS NEAR CELL TOWER
VVA-ADD23	20014JDP	HIGH GRASS ON EAST SIDE OF 40TH AVENUE
VVA-ADD24	20014JDJ	HIGH GRASS ON EAST SIDE OF 40TH AVENUE JUST NORTH OF 60TH STREET AND ON SOUTH SIDE OF DRIVE EAST
VVA-ADD25	20014JCC	HIGH GRASS ON SOUTH SIDE OF SR 17 AND EAST SIDE OF ACCESS ROAD TO WIND TURBINES
VVA-ADD26	20014JCP	HIGH GRASS ON EAST SIDE OF FIELD ROAD ON EAST SIDE OF CEMETERY FENCE AND SOUTH OF 75TH STREET
VVA-ADD27	20014JBB	HIGH WEEDS ON WEST SIDE OF 28TH AVENUE AND NORTH SIDE OF FIELD ROAD (93RD STREET)
VVA-ADD28	20014JCF	HIGH GRASS ON NE SIDE OF 72ND STREET AT BEND TO THE SOUTH TO WIND TURBINES
VVA-ADD29	20014TAS	WEST SHOULDER OF 3RD AVENUE AND JUST SOUTH OF THE RAILROAD TRACKS AND A DIRT ROAD TO THE EAST
VVA-ADD30	20014TAM	NORTH SHOULDER OF 29TH STREET AND WEST FROM 11TH AVENUE
VVA-ADD31	20014TAR	FIELD ON THE NORTH SIDE OF 28TH STREET AND TO THE EAST OF 4TH AVENUE (FIELD TRACK ROAD)
VVA-ADD32	20014TAW	NORTH SHOULDER OF 25TH STREET AND EAST SIDE OF A FIELD ACCESS ON THE NORTH SIDE OF THE ROAD
VVA-ADD33	20014TAY	WEST SHOULDER OF 3RD AVENUE AND NORTH OF A PASTURE ACCESS TO THE WEST
VVA-ADD34	20014TAV	NORTHWEST SHOULDER OF THE INTERSECTION OF 1ST AVENUE AND 27TH STREET
VVA-ADD35	20014TAK	EAST SHOULDER OF 14TH AVENUE AND JUST SOUTH FROM THE INTERSECTION WITH 27TH STREET
VVA-ADD36	20014TAL	EAST SHOULDER OF 10TH AVENUE AND SOUTH OF A FIELD ACCESS TO THE EAST
VVA-ADD37	20014TBB	SOUTHEAST SHOULDER OF 16TH STREET NW AND A TRACK ROAD TO THE SOUTH
VVA-ADD38	20014TBD	NORTHWEST SHOULDER OF THE INTERSECTION OF 10TH STREET NW AND 4TH AVENUE NW
VVA-ADD39	20014TBR	WEST SHOULDER OF 5TH AVENUE NW AND THE SOUTH SHOULDER OF 3RD STREET NW
VVA-ADD40	20014TBJ	EAST SHOULDER OF 6TH AVENUE AND SOUTH OF A PASTURE ACCESS TO THE EAST
VVA-ADD41	20014TAE	GRASS FIELD ON THE WEST SIDE OF 16TH AVENUE AND SOUTH FROM A SMALL LAKE
VVA-ADD42	20014TAB	GRASS FIELD ON THE SOUTHWEST SIDE OF 22ND AVENUE AND A PRIVATE DRIVE AND FIELD TRACK ROAD
VVA-ADD43	20014TAC	GRASS FIELD ON THE WEST SIDE OF 22ND AVENUE
VVA-ADD44	20014TBF	SOUTH SIDE OF 5TH STREET AND EAST OF A LAKE

The stations were not permanently marked.

METHODOLOGY

The field survey was done by using Trimble R10 dual frequency, multi-constellation GNSS receivers in a real time (RTK/VRS) mode. Corrections were obtained from the MidStates VRS network with corrections delivered over the cellular network. These corrections are applied in real time and used by the rover receivers to converge to a cm level solution. Each station was occupied once for 3 minutes (180 epochs), then re-initialized and occupied a second time immediately after the first occupation. The solutions are stored as vectors from the nearest physical CORS. The woods checkpoints were located by several methods, either by establishing a temporary base nearby using the VRS network and then using the second R10 as a rover with corrections delivered over a radio link, or by establishing a pair of intervisible stations by VRS in the open nearby and using a total station to traverse to the woods point. Table 3 summarizes the VRS/RTK occupations (precisions in meters):

Table 3 – VRS/RTK Occupation Summary

GPSID	UTC Start	UTC End	Horz Prec	Vert Prec	# of SV's	PDOP	Reject
19047JAA	06/24/2019 13:04:04	13:07:03	0.005	0.009	17	1.3	
19047JAA	06/24/2019 13:07:35	13:10:35	0.005	0.009	5	4.2	
19047JAB	06/24/2019 13:18:16	13:21:15	0.006	0.009	16	1.5	
19047JAB	06/24/2019 13:22:00	13:24:59	0.006	0.010	14	1.6	
19047JAC	06/24/2019 13:34:16	13:37:15	0.006	0.009	15	1.5	
19047JAC	06/24/2019 13:37:44	13:40:43	0.006	0.009	15	1.5	
19047JAD	06/24/2019 13:54:14	13:57:18	0.006	0.009	16	1.3	
19047JAD	06/24/2019 13:57:42	14:00:41	0.007	0.009	14	1.6	
19047JAE	06/24/2019 14:10:11	14:13:10	0.006	0.008	17	1.2	
19047JAE	06/24/2019 14:13:32	14:16:31	0.006	0.008	16	1.3	
19047JAF	06/24/2019 14:23:54	14:26:53	0.006	0.008	17	1.2	
19047JAF	06/24/2019 14:27:26	14:30:25	0.006	0.009	17	1.2	
19047JAG	06/24/2019 14:42:06	14:45:05	0.005	0.008	17	1.3	
19047JAG	06/24/2019 14:45:33	14:48:32	0.005	0.008	17	1.3	
19047JAH	06/24/2019 14:53:20	14:56:19	0.005	0.008	17	1.3	
19047JAH	06/24/2019 14:56:42	14:59:41	0.005	0.008	16	1.4	
19047JAI	06/24/2019 15:09:04	15:12:03	0.005	0.008	16	1.3	
19047JAI	06/24/2019 15:13:07	15:16:06	0.005	0.008	16	1.4	
19047JAJ	06/24/2019 15:24:52	15:27:51	0.004	0.007	16	1.4	
19047JAJ	06/24/2019 15:28:12	15:31:11	0.004	0.007	15	1.5	
19047JAK	06/24/2019 15:38:50	15:41:49	0.004	0.008	17	1.4	
19047JAK	06/24/2019 15:42:12	15:44:44	0.004	0.007	15	1.5	
19047JAK	06/24/2019 15:47:06	15:50:05	0.005	0.009	16	1.4	
19047JAL	06/24/2019 16:06:55	16:09:54	0.005	0.008	16	1.3	
19047JAL	06/24/2019 16:10:23	16:13:22	0.005	0.007	10	1.7	
19047JAM	06/24/2019 16:23:46	16:26:45	0.004	0.006	15	1.4	
19047JAM	06/24/2019 16:27:06	16:30:05	0.004	0.006	14	1.4	
19047JAN	06/24/2019 16:47:50	16:50:49	0.004	0.005	16	1.2	
19047JAO	06/24/2019 17:00:24	17:03:23	0.006	0.007	14	1.3	
19047JAO	06/24/2019 17:09:52	17:12:51	0.004	0.005	16	1.3	
19047JAQ	06/24/2019 17:13:07	17:16:06	0.003	0.004	8	1.7	
19047JAR	06/24/2019 17:33:33	17:36:32	0.004	0.006	14	1.5	
19047JAR	06/24/2019 17:37:41	17:40:40	0.004	0.006	13	1.6	
19047JAS	06/24/2019 17:50:46	17:53:45	0.006	0.008	14	1.4	
19047JAS	06/24/2019 17:54:07	17:57:06	0.005	0.007	7	2.2	
19047JAT	06/24/2019 18:05:09	18:08:08	0.005	0.007	15	1.3	
19047JAT	06/24/2019 18:08:30	18:11:29	0.005	0.007	15	1.3	
19047JAU	06/24/2019 18:20:18	18:23:17	0.005	0.007	15	1.3	
19047JAU	06/24/2019 18:23:43	18:26:42	0.005	0.007	15	1.3	
19047JAV	06/24/2019 18:36:32	18:39:44	0.006	0.008	15	1.3	
19047JAV	06/24/2019 18:39:59	18:42:58	0.007	0.009	8	1.9	
19047JAW	06/24/2019 18:58:42	19:01:41	0.006	0.008	16	1.3	
19047JAW	06/24/2019 19:01:59	19:04:58	0.006	0.008	7	2.5	
19047JAX	06/24/2019 19:19:43	19:22:50	0.005	0.008	15	1.4	
19047JAY	06/24/2019 19:25:39	19:28:38	0.006	0.009	15	1.4	

GPSID	UTC Start	UTC End	Horz Prec	Vert Prec	# of SV's	PDOP	Reject
19047JAY	06/24/2019 19:30:01	19:33:00	0.006	0.008	15	1.4	
19047JBA	06/24/2019 19:51:21	19:54:20	0.007	0.009	16	1.3	
19047JBA	06/24/2019 19:54:48	19:57:47	0.006	0.008	16	1.3	
19047JBB	06/24/2019 20:08:13	20:11:12	0.007	0.008	16	1.3	
19047JBB	06/24/2019 20:11:38	20:14:37	0.006	0.008	16	1.3	
19047JBC	06/24/2019 20:23:20	20:26:19	0.007	0.010	13	1.9	
19047JBC	06/24/2019 20:26:37	20:29:36	0.009	0.013	7	2.2	
19047JBD	06/24/2019 20:34:20	20:37:19	0.008	0.011	14	1.9	
19047JBD	06/24/2019 20:37:38	20:40:37	0.008	0.011	15	1.4	
19047JBE	06/24/2019 20:54:05	20:57:04	0.005	0.007	16	1.3	
19047JBE	06/24/2019 20:57:23	21:00:22	0.005	0.008	17	1.2	
19047JBF	06/24/2019 21:11:32	21:14:31	0.004	0.006	17	1.3	
19047JBF	06/24/2019 21:15:11	21:18:10	0.005	0.008	18	1.2	
19047JBG	06/24/2019 21:23:58	21:26:57	0.004	0.007	17	1.3	
19047JBG	06/24/2019 21:28:15	21:31:14	0.003	0.006	16	1.3	
19047JBH	06/24/2019 21:43:31	21:46:30	0.003	0.009	15	1.5	
19047JBH	06/24/2019 21:46:45	21:49:44	0.004	0.011	15	1.5	
19047JBI	06/24/2019 22:23:10	22:26:09	0.007	0.013	13	1.4	
19047JBI	06/24/2019 22:26:39	22:29:38	0.007	0.012	13	1.4	
19047JBJ	06/24/2019 22:36:00	22:38:59	0.008	0.013	13	1.5	
19047JBJ	06/24/2019 22:39:24	22:42:23	0.008	0.013	13	1.5	
19047JBJ	06/24/2019 22:43:32	22:46:31	0.006	0.009	14	1.3	
19047JBJ	06/25/2019 12:12:29	12:15:28	0.002	0.005	15	1.6	
19047JBK	06/25/2019 12:15:44	12:18:43	0.003	0.007	8	2.2	
19047JBL	06/25/2019 12:26:47	12:29:46	0.002	0.005	15	1.5	
19047JBL	06/25/2019 12:30:01	12:33:00	0.003	0.005	8	2.1	
19047JBM	06/25/2019 12:36:28	12:39:30	0.003	0.005	16	1.4	
19047JBM	06/25/2019 12:39:49	12:40:50	0.003	0.005	8	1.9	
19047JBM	06/25/2019 12:41:19	12:43:20	0.003	0.005	16	1.3	
19047JBN	06/25/2019 12:51:22	12:54:21	0.005	0.007	17	1.2	
19047JBN	06/25/2019 12:54:44	12:57:43	0.006	0.009	16	1.3	
19047JBO	06/25/2019 13:20:42	13:23:41	0.006	0.010	14	1.5	
19047JBO	06/25/2019 13:24:00	13:26:59	0.007	0.010	13	1.6	
19047JBP	06/25/2019 13:37:21	13:40:20	0.010	0.014	16	1.2	
19047JBP	06/25/2019 13:40:37	13:43:36	0.008	0.010	6	2.5	
19047JBQ	06/25/2019 13:46:40	13:49:42	0.004	0.005	16	1.3	
19047JBQ	06/25/2019 13:50:00	13:52:59	0.005	0.006	14	1.6	
19047JBR	06/25/2019 14:02:49	14:05:48	0.003	0.004	16	1.3	
19047JBR	06/25/2019 14:06:04	14:09:03	0.003	0.004	15	1.3	
19047JBS	06/25/2019 14:15:59	14:18:58	0.005	0.006	18	1.1	
19047JBS	06/25/2019 14:19:14	14:22:13	0.004	0.005	16	1.4	
19047JBT	06/25/2019 14:26:28	14:29:27	0.007	0.009	16	1.4	
19047JBT	06/25/2019 14:29:43	14:32:42	0.005	0.007	8	2.3	
19047JBU	06/25/2019 14:38:07	14:41:06	0.004	0.007	17	1.3	
19047JBU	06/25/2019 14:41:27	14:44:31	0.007	0.012	5	6.2	
19047JBV	06/25/2019 15:02:42	15:05:41	0.008	0.014	18	1.2	
19047JBV	06/25/2019 15:07:04	15:10:03	0.005	0.008	17	1.3	
19047JBW	06/25/2019 15:14:13	15:17:12	0.004	0.007	16	1.4	
19047JBW	06/25/2019 15:17:28	15:20:27	0.004	0.008	16	1.4	
19047JBX	06/25/2019 15:28:02	15:31:01	0.005	0.009	14	1.8	
19047JBX	06/25/2019 15:31:18	15:34:17	0.004	0.008	15	1.6	
19047JBY	06/25/2019 15:36:07	15:39:06	0.006	0.010	17	1.4	
19047JBY	06/25/2019 15:40:07	15:41:06	0.007	0.012	17	1.3	
19047JCA	06/25/2019 16:02:04	16:05:03	0.004	0.006	17	1.2	
19047JCA	06/25/2019 16:05:24	16:08:23	0.004	0.005	14	1.5	
19047JCB	06/25/2019 16:21:16	16:24:15	0.006	0.007	15	1.4	
19047JCB	06/25/2019 16:24:34	16:27:33	0.006	0.007	14	1.4	
19047JCC	06/25/2019 16:32:53	16:35:52	0.007	0.008	16	1.3	
19047JCC	06/25/2019 16:36:31	16:39:30	0.005	0.006	9	1.8	
19047JCD	06/25/2019 17:32:43	17:35:42	0.008	0.012	13	1.4	
19047JCD	06/25/2019 17:36:07	17:39:33	0.008	0.012	11	1.5	
19047JCE	06/25/2019 18:01:41	18:04:40	0.007	0.010	17	1.1	
19047JCE	06/25/2019 18:05:20	18:08:19	0.006	0.008	17	1.1	
19047JCF	06/25/2019 18:14:26	18:17:25	0.006	0.008	15	1.3	
19047JCF	06/25/2019 18:17:41	18:20:40	0.007	0.009	7	2.1	
19047JCG	06/25/2019 18:25:39	18:28:38	0.006	0.008	17	1.2	
19047JCG	06/25/2019 18:29:03	18:32:02	0.006	0.008	17	1.2	
19047JCH	06/25/2019 18:57:28	19:00:27	0.006	0.009	12	1.6	
19047JCH	06/25/2019 19:00:41	19:03:41	0.006	0.009	7	2.5	
19047JCI	06/25/2019 19:08:17	19:11:22	0.009	0.013	17	1.2	
19047JCI	06/25/2019 19:12:27	19:15:26	0.009	0.013	17	1.2	
19047JCI	06/25/2019 19:25:29	19:28:28	0.007	0.011	15	1.4	
19047JCI	06/25/2019 19:28:43	19:31:42	0.007	0.011	8	2.2	

GPSID	UTC Start	UTC End	Horz Prec	Vert Prec	# of SV's	PDOP	Reject
19047JCK	06/25/2019 19:41:19	19:44:18	0.015	0.023	15	1.4	
19047JCK	06/25/2019 19:44:35	19:47:34	0.009	0.013	13	1.5	
19047JCL	06/25/2019 20:05:03	20:08:02	0.007	0.010	16	1.3	
19047JCL	06/25/2019 20:08:20	20:11:19	0.008	0.011	13	1.7	
19047JCL	06/25/2019 20:11:55	20:14:54	0.012	0.018	14	1.7	
19047JCM	06/25/2019 20:23:02	20:26:01	0.011	0.016	14	1.8	
19047JCM	06/25/2019 20:26:19	20:29:18	0.011	0.017	14	1.8	
19047JCM	06/25/2019 20:29:44	20:32:43	0.007	0.011	13	1.8	
19047JCN	06/25/2019 21:08:12	21:11:11	0.005	0.007	15	1.3	
19047JCN	06/25/2019 21:12:08	21:15:07	0.004	0.007	16	1.3	
19047JCO	06/25/2019 21:22:01	21:25:00	0.005	0.008	15	1.4	
19047JCO	06/25/2019 21:25:18	21:28:17	0.005	0.008	11	2.0	
19047JCP	06/25/2019 21:41:22	21:44:21	0.004	0.007	13	1.7	
19047JCP	06/25/2019 21:44:38	21:47:37	0.004	0.007	13	1.6	
19047JCP	06/25/2019 21:47:55	21:50:54	0.004	0.007	13	1.6	
19047JCO	06/25/2019 22:01:22	22:04:21	0.006	0.010	13	1.5	
19047JCO	06/25/2019 22:04:39	22:07:38	0.005	0.009	10	1.7	
19047JCR	06/25/2019 22:10:48	22:13:47	0.005	0.009	15	1.3	
19047JCR	06/25/2019 22:14:15	22:17:14	0.007	0.011	15	1.2	
19047JCS	06/25/2019 22:26:00	22:28:59	0.006	0.010	13	1.4	
19047JCS	06/25/2019 22:30:32	22:33:31	0.007	0.011	12	1.9	
19047JCT	06/25/2019 22:42:37	22:45:36	0.006	0.009	14	1.4	
19047JCT	06/25/2019 22:45:59	22:48:58	0.006	0.008	16	1.2	
19047JCU	06/25/2019 22:53:17	22:56:16	0.007	0.008	16	1.2	
19047JCU	06/25/2019 22:56:33	22:59:33	0.007	0.008	6	1.9	
19047JCV	06/25/2019 23:12:13	23:15:12	0.007	0.009	14	1.3	
19047JCV	06/25/2019 23:15:30	23:18:30	0.007	0.008	9	1.9	
19047JCW	06/25/2019 23:26:02	23:29:01	0.006	0.009	14	1.5	
19047JCW	06/25/2019 23:29:21	23:30:11	0.009	0.012	13	1.5	
19047JCX	06/26/2019 13:27:29	13:30:28	0.005	0.008	14	1.5	
19047JCX	06/26/2019 13:31:29	13:34:28	0.006	0.008	10	2.1	
19047JCY	06/26/2019 13:42:21	13:45:20	0.005	0.006	16	1.3	
19047JCY	06/26/2019 13:46:45	13:49:44	0.005	0.007	14	1.6	
19047JCZ	06/26/2019 13:57:00	13:59:59	0.005	0.007	16	1.3	
19047JCZ	06/26/2019 14:00:18	14:03:17	0.005	0.007	16	1.3	
19047JDA	06/26/2019 14:16:20	14:19:19	0.005	0.006	17	1.2	
19047JDA	06/26/2019 14:19:36	14:22:35	0.005	0.007	14	1.5	
19047JDB	06/26/2019 14:38:08	14:41:07	0.006	0.008	16	1.4	
19047JDB	06/26/2019 14:41:24	14:44:23	0.006	0.008	14	1.4	
19047JDC	06/26/2019 14:51:48	14:54:47	0.005	0.008	17	1.3	
19047JDC	06/26/2019 14:55:02	14:58:01	0.005	0.008	18	1.2	
19047JDD	06/26/2019 15:05:40	15:08:39	0.005	0.009	16	1.5	
19047JDD	06/26/2019 15:08:57	15:11:56	0.005	0.009	16	1.5	
19047JDE	06/26/2019 15:23:04	15:26:03	0.004	0.006	18	1.3	
19047JDE	06/26/2019 15:26:23	15:28:22	0.004	0.007	15	1.5	
19047JDF	06/26/2019 15:34:19	15:37:18	0.003	0.005	17	1.3	
19047JDF	06/26/2019 15:37:59	15:40:43	0.003	0.005	10	2.1	
19047JDG	06/26/2019 15:51:11	15:54:27	0.005	0.008	6	4.9	
19047JDG	06/26/2019 15:54:43	15:59:28	0.004	0.006	4	16.8	
19047JDH	06/26/2019 16:03:35	16:06:34	0.004	0.006	16	1.4	
19047JDH	06/26/2019 16:06:55	16:09:54	0.004	0.006	14	1.4	
19047JDI	06/26/2019 16:24:06	16:25:06	0.008	0.010	7	12.9	
19047JDI	06/26/2019 16:30:29	16:33:28	0.006	0.007	15	1.5	
19047JDJ	06/26/2019 16:40:20	16:43:19	0.006	0.007	15	1.3	
19047JDJ	06/26/2019 16:44:27	16:45:30	0.008	0.010	16	1.3	
19047JDK	06/26/2019 16:54:17	16:57:16	0.006	0.007	17	1.1	
19047JDK	06/26/2019 16:57:36	17:00:35	0.006	0.008	16	1.2	
19047JDL	06/26/2019 17:10:03	17:13:02	0.006	0.008	15	1.4	
19047JDL	06/26/2019 17:13:18	17:16:18	0.007	0.009	14	1.2	
19047JDM	06/26/2019 17:40:29	17:43:28	0.006	0.009	14	1.4	
19047JDM	06/26/2019 17:43:51	17:46:50	0.007	0.010	14	1.4	
19047JDN	06/26/2019 17:55:25	17:58:24	0.007	0.010	17	1.1	
19047JDN	06/26/2019 17:59:34	18:02:33	0.007	0.010	17	1.1	
19047JDO	06/26/2019 18:16:42	18:19:41	0.006	0.008	16	1.2	
19047JDO	06/26/2019 18:20:02	18:23:01	0.006	0.008	16	1.2	
19047JDP	06/26/2019 18:31:24	18:34:23	0.006	0.010	14	1.4	
19047JDP	06/26/2019 18:34:45	18:37:27	0.006	0.008	12	1.8	
19047JDQ	06/26/2019 18:48:07	18:51:06	0.006	0.009	13	1.6	
19047JDQ	06/26/2019 18:51:21	18:54:20	0.006	0.009	7	2.5	
19047JDR	06/26/2019 19:01:33	19:04:32	0.006	0.009	14	1.4	
19047JDR	06/26/2019 19:04:52	19:07:51	0.006	0.009	14	1.4	
19047JDS	06/26/2019 19:11:43	19:14:42	0.007	0.010	14	1.4	
19047JDS	06/26/2019 19:14:59	19:17:58	0.006	0.009	7	2.5	

GPSID	UTC Start	UTC End	Horz Prec	Vert Prec	# of SV's	PDOP	Reject
19047JDS	06/26/2019 19:18:22	19:20:22	0.007	0.010	14	1.4	
19047JDT	06/26/2019 19:26:45	19:29:44	0.006	0.009	15	1.4	
19047JDT	06/26/2019 19:30:06	19:33:05	0.006	0.009	14	1.3	
19047JDT	06/26/2019 19:33:26	19:36:25	0.006	0.009	15	1.4	
19047JDU	06/26/2019 19:56:17	19:59:16	0.007	0.009	16	1.4	
19047JDU	06/26/2019 20:00:44	20:03:43	0.007	0.009	15	1.5	
19047JDV	06/26/2019 20:09:24	20:12:23	0.009	0.013	14	1.7	
19047JDV	06/26/2019 20:12:58	20:15:57	0.009	0.013	14	1.7	
19047JDV	06/26/2019 20:16:18	20:19:17	0.008	0.012	13	1.8	
19047JDW	06/26/2019 20:23:07	20:26:06	0.006	0.010	14	1.8	
19047JDW	06/26/2019 20:26:23	20:29:22	0.006	0.010	12	1.9	
19047JDX	06/26/2019 20:37:24	20:40:23	0.006	0.009	15	1.5	
19047JDX	06/26/2019 20:40:42	20:43:41	0.006	0.009	15	1.3	
19047JDY	06/26/2019 20:50:08	20:53:07	0.008	0.016	15	1.4	
19047JDY	06/26/2019 20:53:40	20:56:39	0.006	0.009	15	1.4	
19047JDZ	06/26/2019 21:12:56	21:15:20	0.007	0.011	16	1.3	
19047JDZ	06/26/2019 21:16:08	21:19:07	0.005	0.009	16	1.3	
19047JEA	06/26/2019 21:25:50	21:28:49	0.005	0.009	16	1.3	
19047JEA	06/26/2019 21:29:22	21:32:21	0.005	0.009	12	1.9	
19047JEB	06/26/2019 21:36:32	21:39:31	0.006	0.011	15	1.6	
19047JEB	06/26/2019 21:39:54	21:42:53	0.005	0.010	13	1.9	
19047JEC	06/26/2019 21:54:49	21:57:48	0.004	0.008	14	1.5	
19047JEC	06/26/2019 21:58:06	22:01:07	0.005	0.010	7	2.2	
19047JED	06/26/2019 22:11:18	22:14:17	0.003	0.006	15	1.3	
19047JED	06/26/2019 22:14:40	22:17:39	0.003	0.005	14	1.3	
19047JEE	06/26/2019 22:21:16	22:24:15	0.004	0.008	14	1.3	
19047JEE	06/26/2019 22:25:23	22:28:22	0.004	0.007	13	1.6	
19047JEF	06/26/2019 22:40:50	22:43:49	0.003	0.004	13	1.4	
19047JEF	06/26/2019 22:44:17	22:47:17	0.003	0.003	8	2.3	
19047JEG	06/26/2019 22:57:56	23:00:55	0.003	0.005	14	1.4	
19047JEG	06/26/2019 23:01:12	23:04:11	0.003	0.004	12	1.4	
19047JEH	06/26/2019 23:13:36	23:16:35	0.004	0.005	14	1.3	
19047JEH	06/26/2019 23:17:00	23:19:59	0.004	0.005	10	1.6	
19047JEI	06/26/2019 23:27:17	23:30:16	0.005	0.007	14	1.4	
19047JEI	06/26/2019 23:30:59	23:33:58	0.005	0.007	13	1.5	
19047JEJ	06/26/2019 23:37:29	23:40:28	0.005	0.007	13	1.5	
19047JEJ	06/26/2019 23:40:49	23:43:48	0.005	0.007	12	1.7	
19047JEK	06/26/2019 23:48:16	23:51:15	0.006	0.008	13	1.6	
19047JEK	06/26/2019 23:51:32	23:54:31	0.006	0.008	10	2.2	
19047JEL	06/27/2019 12:56:31	12:56:47	0.008	0.013	18	1.2	X
19047JEL	06/27/2019 12:58:08	12:59:11	0.007	0.011	18	1.2	X
19047JEL	06/27/2019 13:01:50	13:04:49	0.006	0.009	15	1.3	
19047JEL	06/27/2019 13:05:18	13:08:19	0.006	0.009	8	3.3	
19047JEL	06/27/2019 13:08:48	13:10:53	0.006	0.010	14	1.6	
19047JEM	06/27/2019 13:21:30	13:24:29	0.005	0.008	14	1.6	
19047JEM	06/27/2019 13:24:47	13:27:46	0.005	0.008	14	1.6	
19047JEM	06/27/2019 13:28:34	13:31:33	0.012	0.017	16	1.3	
19047JEN	06/27/2019 13:47:34	13:50:33	0.008	0.012	15	1.5	
19047JEN	06/27/2019 13:51:13	13:52:12	0.009	0.012	16	1.4	
19047JEO	06/27/2019 13:54:25	13:57:24	0.007	0.009	16	1.3	
19047JEO	06/27/2019 13:58:10	13:59:09	0.011	0.014	17	1.2	
19047JEQ	06/27/2019 14:14:04	14:17:03	0.012	0.018	16	1.3	
19047JEQ	06/27/2019 14:18:25	14:21:24	0.006	0.009	16	1.3	
19047JER	06/27/2019 14:40:50	14:43:49	0.006	0.009	16	1.4	
19047JER	06/27/2019 14:44:09	14:47:08	0.010	0.017	14	1.6	
19047JES	06/27/2019 14:58:13	15:01:12	0.006	0.011	16	1.4	
19047JES	06/27/2019 15:01:30	15:04:29	0.005	0.008	10	1.9	
19047JET	06/27/2019 15:17:55	15:20:54	0.012	0.020	16	1.4	
19047JET	06/27/2019 15:22:01	15:25:00	0.004	0.008	17	1.3	
19047JEU	06/27/2019 15:36:42	15:39:41	0.013	0.024	17	1.3	
19047JEU	06/27/2019 15:39:56	15:42:55	0.006	0.011	10	1.7	
19047JEU	06/27/2019 15:43:13	15:46:13	0.009	0.016	9	1.7	
19047JEU	06/27/2019 15:46:44	15:49:47	0.011	0.019	9	1.7	
19047JEV	06/27/2019 15:57:52	16:00:51	0.008	0.012	16	1.4	
19047JEV	06/27/2019 16:01:08	16:04:13	0.006	0.010	15	1.4	
19047JEW	06/27/2019 16:13:31	16:15:18	0.007	0.009	15	1.5	
19047JEW	06/27/2019 16:16:12	16:19:11	0.006	0.008	14	1.5	
19047JEX	06/27/2019 16:21:04	16:24:10	0.010	0.013	11	1.6	
19047JEX	06/27/2019 16:24:28	16:26:43	0.007	0.010	13	1.5	
19047JEZ	06/27/2019 16:42:37	16:45:36	0.005	0.007	15	1.2	
19047JEZ	06/27/2019 16:45:50	16:47:28	0.006	0.008	7	1.8	
19047JFA	06/27/2019 16:54:00	16:55:33	0.006	0.008	15	1.3	
19047JFA	06/27/2019 16:56:05	16:58:25	0.005	0.007	8	1.6	

GPSID	UTC Start	UTC End	Horz Prec	Vert Prec	# of SV's	PDOP	Reject
19047JFA	06/27/2019 17:00:42	17:03:41	0.009	0.011	14	1.5	
19047JFB	06/27/2019 17:04:01	17:05:04	0.009	0.011	12	1.6	
19047JFF	06/27/2019 17:24:49	17:27:48	0.007	0.009	13	1.5	
19047JFB	06/27/2019 17:28:06	17:31:07	0.004	0.006	7	2.1	
19047JFC	06/27/2019 17:36:32	17:39:31	0.005	0.007	13	1.5	
19047JFC	06/27/2019 17:39:57	17:42:56	0.007	0.010	13	1.5	
19047JFD	06/27/2019 17:48:45	17:51:44	0.003	0.004	15	1.3	
19047JFD	06/27/2019 17:52:49	17:55:48	0.003	0.004	15	1.3	
19047JFE	06/27/2019 18:04:26	18:07:25	0.003	0.003	13	1.5	
19047JFE	06/27/2019 18:07:41	18:09:28	0.003	0.004	10	2.1	
19047JFF	06/27/2019 18:11:51	18:14:50	0.002	0.003	15	1.3	
19047JFF	06/27/2019 18:15:09	18:17:29	0.003	0.004	15	1.2	
19047TAA	07/09/2019 17:41:10	17:48:32	0.004	0.006	13	1.5	
19047JHX	09/29/2019 14:11:38	14:14:37	0.004	0.006	14	1.5	
19047JHX	09/29/2019 14:14:52	14:17:51	0.004	0.006	13	1.5	
19047JHY	09/29/2019 14:22:51	14:25:50	0.005	0.008	15	1.3	
19047JHY	09/29/2019 14:26:12	14:29:11	0.004	0.006	15	1.3	
19047JHZ	09/29/2019 14:41:16	14:44:15	0.005	0.008	16	1.2	
19047JHZ	09/29/2019 14:44:32	14:47:31	0.007	0.011	13	1.5	
19047JIA	09/29/2019 14:51:33	14:54:32	0.006	0.011	14	1.5	
19047JIA	09/29/2019 14:56:18	14:59:17	0.005	0.010	15	1.5	
19047JFG	09/27/2019 17:54:22	17:57:21	0.005	0.009	14	1.6	
19047JFG	09/27/2019 17:57:52	18:00:52	0.007	0.013	11	1.9	
19047JFH	09/27/2019 18:20:53	18:23:52	0.005	0.010	14	1.4	
19047JFH	09/27/2019 18:25:12	18:28:11	0.005	0.010	13	1.4	
19047JFI	09/27/2019 18:37:51	18:40:50	0.006	0.010	12	1.8	
19047JFI	09/27/2019 18:41:48	18:44:47	0.006	0.010	13	1.7	
19047JFJ	09/27/2019 18:51:45	18:54:44	0.006	0.009	13	1.6	
19047JFJ	09/27/2019 18:55:13	18:58:12	0.006	0.009	13	1.7	
19047TAA	07/09/2019 17:50:14	17:59:05	0.003	0.005	13	1.5	
19047TAB	07/09/2019 18:30:30	18:33:29	0.008	0.013	14	1.4	
19047TAB	07/09/2019 18:34:55	18:43:15	0.005	0.007	13	1.5	
19047TAC	07/09/2019 18:58:29	19:01:28	0.007	0.011	13	1.6	
19047TAC	07/09/2019 19:01:58	19:04:57	0.007	0.011	13	1.6	
19047TAD	07/09/2019 19:23:29	19:29:39	0.005	0.008	14	1.8	
19047TAD	07/09/2019 19:30:23	19:41:36	0.004	0.007	14	1.8	
19047TAE	07/09/2019 19:56:22	19:59:21	0.006	0.010	16	1.4	
19047TAE	07/09/2019 20:00:05	20:06:57	0.005	0.009	16	1.4	
19047TAF	07/09/2019 20:28:31	20:31:30	0.004	0.007	16	1.3	
19047TAF	07/09/2019 20:33:07	20:36:39	0.004	0.007	15	1.6	
19047TAG	07/09/2019 20:55:03	21:04:36	0.003	0.005	14	1.6	
19047TAG	07/09/2019 21:05:09	21:10:04	0.007	0.012	14	1.5	
19047TAG	07/09/2019 21:11:06	21:16:57	0.004	0.006	14	1.4	
19047TAH	07/09/2019 21:25:14	21:28:13	0.006	0.011	14	1.3	
19047TAH	07/09/2019 21:28:41	21:32:49	0.006	0.010	13	1.7	
19047TAH	07/09/2019 21:34:24	21:42:26	0.005	0.007	12	2.0	
19047TAH	07/09/2019 21:44:50	21:51:29	0.013	0.015	14	1.4	
19047TAI	07/09/2019 22:22:13	22:25:28	0.006	0.007	15	1.2	
19047TAI	07/09/2019 22:25:57	22:28:56	0.006	0.007	15	1.3	
19047TAJ	07/09/2019 22:49:30	22:52:29	0.006	0.009	13	1.5	
19047TAJ	07/09/2019 22:53:03	23:00:25	0.004	0.007	12	1.7	
19047TAK	07/09/2019 23:14:48	23:17:47	0.006	0.011	15	1.4	
19047TAK	07/09/2019 23:18:31	23:21:30	0.006	0.012	14	1.4	
19047TAL	07/09/2019 23:25:53	23:28:52	0.006	0.013	14	1.5	
19047TAL	07/09/2019 23:30:23	23:35:54	0.005	0.011	14	1.5	
19047TAM	07/09/2019 23:48:02	23:51:01	0.008	0.017	14	1.3	
19047TAM	07/09/2019 23:52:17	23:55:16	0.009	0.026	12	1.7	
19047TAN	07/10/2019 12:54:11	12:59:14	0.002	0.003	16	1.3	
19047TAN	07/10/2019 13:09:59	13:15:43	0.002	0.003	16	1.3	
19047TAO	07/10/2019 13:57:05	14:00:04	0.003	0.005	18	1.2	X
19047TAO	07/10/2019 14:04:47	14:07:46	0.003	0.005	17	1.2	
19047TAP	07/10/2019 14:21:16	14:24:15	0.004	0.007	16	1.4	
19047TAP	07/10/2019 14:27:31	14:30:30	0.004	0.007	16	1.4	
19047TAQ	07/10/2019 14:52:28	14:55:27	0.006	0.010	16	1.4	
19047TAQ	07/10/2019 14:56:01	14:59:00	0.006	0.009	16	1.3	
19047TAR	07/10/2019 15:09:54	15:12:53	0.006	0.009	16	1.3	
19047TAR	07/10/2019 15:13:46	15:16:45	0.006	0.008	16	1.3	
19047TAS	07/10/2019 15:26:14	15:29:13	0.006	0.008	15	1.4	
19047TAS	07/10/2019 15:30:03	15:33:02	0.009	0.012	14	1.5	
19047TAT	07/10/2019 15:45:27	15:48:26	0.006	0.009	16	1.2	
19047TAT	07/10/2019 15:49:09	15:52:08	0.006	0.008	13	1.3	
19047TAU	07/10/2019 16:07:06	16:10:05	0.006	0.009	14	1.5	
19047TAU	07/10/2019 16:10:38	16:13:37	0.010	0.013	13	1.5	

GPSID	UTC Start	UTC End	Horz Prec	Vert Prec	# of SV's	PDOP	Reject
19047TAV	07/10/2019 16:32:40	16:35:39	0.006	0.008	14	1.3	
19047TAV	07/10/2019 16:36:22	16:39:21	0.006	0.008	13	1.6	
19047TAW	07/10/2019 17:09:06	17:12:05	0.006	0.008	15	1.3	
19047TAW	07/10/2019 17:12:46	17:15:45	0.006	0.008	15	1.3	
19047TAX	07/10/2019 17:39:25	17:42:24	0.006	0.009	13	1.6	
19047TAX	07/10/2019 17:43:16	17:46:15	0.006	0.008	14	1.5	
19047TAY	07/10/2019 18:02:46	18:05:46	0.006	0.008	16	1.3	
19047TAY	07/10/2019 18:07:03	18:10:02	0.008	0.012	14	1.5	
19047TAZ	07/10/2019 18:29:40	18:32:39	0.006	0.009	15	1.3	
19047TAZ	07/10/2019 18:33:17	18:36:16	0.007	0.009	15	1.3	
19047TBA	07/10/2019 18:56:21	18:59:20	0.009	0.012	16	1.3	
19047TBA	07/10/2019 19:01:45	19:04:44	0.007	0.010	16	1.3	
19047TBB	07/10/2019 19:14:04	19:17:04	0.007	0.010	14	1.8	
19047TBB	07/10/2019 19:18:32	19:21:31	0.011	0.016	14	1.8	
19047TBC	07/10/2019 19:34:32	19:37:31	0.007	0.011	15	1.5	
19047TBC	07/10/2019 19:37:53	19:40:52	0.013	0.020	14	1.9	
19047TBD	07/10/2019 19:59:14	20:02:13	0.008	0.014	17	1.3	
19047TBD	07/10/2019 20:04:36	20:07:35	0.007	0.012	16	1.3	
19047TBE	07/10/2019 20:27:23	20:30:22	0.007	0.014	16	1.3	
19047TBE	07/10/2019 20:32:11	20:35:10	0.008	0.015	15	1.5	
19047TBF	07/10/2019 20:46:05	20:49:04	0.008	0.015	14	1.6	
19047TBF	07/10/2019 20:50:35	20:53:34	0.008	0.015	14	1.6	
19047TBG	07/10/2019 21:06:37	21:09:36	0.008	0.015	14	1.4	
19047TBG	07/10/2019 21:10:30	21:13:29	0.008	0.015	14	1.3	
19047TBH	07/10/2019 21:25:04	21:28:03	0.006	0.011	12	1.9	
19047TBH	07/10/2019 21:28:39	21:31:38	0.006	0.011	13	1.5	
19047TBI	07/10/2019 21:45:58	21:48:57	0.006	0.008	14	1.2	
19047TBI	07/10/2019 21:50:47	21:53:47	0.006	0.008	12	1.4	
19047TBJ	07/10/2019 22:06:45	22:09:44	0.007	0.008	11	1.9	
19047TBJ	07/10/2019 22:12:01	22:15:00	0.007	0.008	12	1.8	
19047TBK	07/10/2019 22:28:32	22:31:31	0.005	0.006	13	1.6	
19047TBK	07/10/2019 22:32:22	22:35:21	0.005	0.006	13	1.5	
19047TBL	07/10/2019 22:48:17	22:51:16	0.002	0.003	14	1.4	
19047TBL	07/10/2019 22:52:07	22:55:06	0.002	0.003	14	1.4	
19047TBM	07/10/2019 23:02:56	23:05:55	0.003	0.004	15	1.4	
19047TBM	07/10/2019 23:06:21	23:09:20	0.003	0.004	15	1.4	
19047TBN	07/10/2019 23:14:05	23:17:04	0.003	0.005	14	1.6	
19047TBN	07/10/2019 23:17:26	23:20:25	0.003	0.005	11	1.7	
19047TBO	07/10/2019 23:32:52	23:35:51	0.004	0.007	14	1.4	
19047TBO	07/10/2019 23:36:52	23:39:51	0.004	0.007	14	1.4	
19047TBP	07/10/2019 23:52:03	23:55:02	0.006	0.011	14	1.3	
19047TBP	07/10/2019 23:56:23	23:59:22	0.006	0.011	13	1.5	
19047TBQ	07/11/2019 00:07:10	00:10:13	0.022	0.014	14	1.4	
19047TBQ	07/11/2019 00:12:45	00:15:44	0.008	0.013	13	1.4	
19047TBR	07/11/2019 12:55:28	12:58:27	0.006	0.008	16	1.3	
19047TBR	07/11/2019 12:59:25	13:02:24	0.006	0.008	17	1.2	
19047TBS	07/11/2019 13:14:54	13:17:53	0.006	0.008	17	1.2	
19047TBS	07/11/2019 13:18:31	13:21:30	0.006	0.008	17	1.2	
19047TBT	07/11/2019 13:28:56	13:31:55	0.006	0.009	16	1.3	
19047TBT	07/11/2019 13:32:36	13:35:36	0.006	0.009	17	1.3	
19047TBU	07/11/2019 13:47:35	13:50:34	0.004	0.007	17	1.3	
19047TBU	07/11/2019 13:52:15	13:55:14	0.004	0.007	17	1.3	
19047TBV	07/11/2019 14:05:45	14:08:44	0.005	0.008	17	1.3	
19047TBV	07/11/2019 14:09:32	14:12:31	0.005	0.008	17	1.3	
19047TBW	07/11/2019 14:22:41	14:25:40	0.005	0.008	17	1.4	
19047TBW	07/11/2019 14:26:07	14:29:06	0.005	0.008	15	1.5	
19047TBX	07/11/2019 14:37:04	14:40:03	0.005	0.008	16	1.4	
19047TBX	07/11/2019 14:40:32	14:43:31	0.005	0.009	16	1.4	
19047TBY	07/11/2019 14:55:22	14:58:21	0.006	0.009	15	1.5	
19047TBY	07/11/2019 14:58:55	15:01:54	0.006	0.009	14	1.7	
19047TBZ	07/11/2019 15:09:06	15:12:05	0.006	0.008	15	1.5	
19047TBZ	07/11/2019 15:13:03	15:16:02	0.006	0.008	15	1.5	
19047TCA	07/11/2019 15:28:55	15:31:54	0.006	0.007	15	1.3	
19047TCA	07/11/2019 15:35:00	15:37:59	0.006	0.007	16	1.2	
19047TCB	07/11/2019 15:50:17	15:53:16	0.004	0.005	16	1.1	
19047TCB	07/11/2019 15:54:33	15:57:32	0.004	0.005	14	1.7	
19047TCC	07/11/2019 16:01:06	16:04:05	0.004	0.005	15	1.3	
19047TCC	07/11/2019 16:04:59	16:07:58	0.004	0.005	13	1.5	
19047TCD	07/11/2019 16:13:43	16:16:43	0.004	0.005	14	1.2	
19047TCD	07/11/2019 16:17:56	16:20:55	0.004	0.005	15	1.2	
19047TCE	07/11/2019 16:30:31	16:33:30	0.005	0.006	14	1.4	
19047TCE	07/11/2019 16:34:30	16:37:29	0.005	0.006	14	1.4	
19047TCF	07/11/2019 16:44:42	16:47:42	0.005	0.007	14	1.4	

GPSID	UTC Start	UTC End	Horz Prec	Vert Prec	# of SV's	PDOP	Reject
19047TCF	07/11/2019 16:49:29	16:52:28	0.006	0.008	14	1.4	
19047TCG	07/11/2019 17:04:58	17:07:57	0.006	0.008	16	1.2	
19047TCG	07/11/2019 17:12:52	17:15:51	0.005	0.007	17	1.2	
19047TCH	07/11/2019 17:25:12	17:28:11	0.005	0.007	16	1.2	
19047TCH	07/11/2019 17:28:40	17:31:39	0.005	0.007	15	1.3	
19047TCI	07/11/2019 17:40:26	17:43:25	0.006	0.008	14	1.5	
19047TCI	07/11/2019 17:44:42	17:47:41	0.006	0.008	14	1.5	
19047TCJ	07/11/2019 17:54:34	17:57:33	0.006	0.009	14	1.5	
19047TCJ	07/11/2019 17:58:21	18:01:20	0.006	0.009	15	1.3	
19047TCK	07/11/2019 18:09:09	18:12:08	0.007	0.010	17	1.2	
19047TCK	07/11/2019 18:12:37	18:15:36	0.007	0.010	15	1.4	
19047TCL	07/11/2019 18:22:29	18:25:28	0.007	0.010	16	1.3	
19047TCL	07/11/2019 18:26:29	18:29:28	0.007	0.010	16	1.3	
19047TCM	07/11/2019 18:53:08	18:56:07	0.005	0.008	17	1.2	
19047TCM	07/11/2019 18:57:52	19:00:51	0.005	0.008	16	1.4	
19047TCN	07/11/2019 19:07:50	19:10:49	0.005	0.008	14	1.7	
19047TCN	07/11/2019 19:11:16	19:14:15	0.005	0.008	14	1.8	
19047TCO	07/11/2019 19:21:04	19:24:03	0.005	0.007	14	1.8	
19047TCO	07/11/2019 19:24:43	19:27:42	0.004	0.007	14	1.8	
19047TCP	07/11/2019 19:35:28	19:38:27	0.006	0.009	15	1.4	
19047TCP	07/11/2019 19:39:36	19:42:35	0.006	0.009	14	1.4	
19047TCQ	07/11/2019 19:55:47	19:58:46	0.004	0.007	16	1.3	
19047TCQ	07/11/2019 20:00:26	20:03:25	0.006	0.009	15	1.3	
19047TCR	07/11/2019 20:16:56	20:19:55	0.006	0.010	15	1.4	
19047TCR	07/11/2019 20:21:24	20:24:23	0.005	0.009	15	1.4	
19047TCS	07/11/2019 20:31:05	20:34:04	0.005	0.010	13	1.7	
19047TCS	07/11/2019 20:35:43	20:38:42	0.006	0.012	13	1.7	
19047TCT	07/11/2019 20:50:18	20:54:17	0.008	0.014	13	1.5	
19047TCT	07/11/2019 20:54:40	20:57:39	0.006	0.011	13	1.5	
19047TCU	07/11/2019 21:01:39	21:04:38	0.006	0.011	14	1.4	
19047TCU	07/11/2019 21:05:33	21:08:32	0.006	0.010	14	1.3	
19047TCV	07/11/2019 21:18:19	21:21:18	0.007	0.011	13	1.6	
19047TCV	07/11/2019 21:21:44	21:24:43	0.010	0.018	13	1.6	
19047TCW	07/11/2019 21:52:14	21:55:13	0.007	0.010	15	1.2	
19047TCX	07/11/2019 21:56:47	21:59:46	0.009	0.012	13	1.3	
19047TCZ	07/11/2019 22:22:38	22:25:37	0.006	0.008	14	1.5	
19047TCZ	07/11/2019 22:26:31	22:29:30	0.006	0.008	10	1.9	
19047TDA	07/11/2019 22:38:24	22:41:23	0.006	0.008	13	1.5	
19047TDA	07/11/2019 22:41:44	22:44:43	0.006	0.008	13	1.6	
19047TDB	07/11/2019 22:58:30	23:01:29	0.005	0.009	15	1.4	
19047TDB	07/11/2019 23:01:51	23:04:50	0.005	0.009	14	1.5	
19047TDC	07/11/2019 23:12:53	23:15:52	0.007	0.015	14	1.6	
19047TDC	07/11/2019 23:16:56	23:19:55	0.006	0.013	12	1.7	
19047TDD	07/11/2019 23:29:22	23:32:21	0.006	0.012	14	1.4	
19047TDD	07/11/2019 23:33:16	23:36:15	0.006	0.012	12	1.5	
19047TDE	07/11/2019 23:45:05	23:48:04	0.006	0.013	12	1.7	
19047TDE	07/11/2019 23:48:22	23:55:20	0.005	0.010	12	1.7	
19047TDF	07/12/2019 00:12:51	00:15:50	0.006	0.010	14	1.4	
19047TDF	07/12/2019 00:16:15	00:19:14	0.007	0.010	13	1.6	
19047TDG	07/12/2019 12:27:06	12:30:05	0.003	0.004	16	1.3	
19047TDG	07/12/2019 12:31:46	12:34:45	0.003	0.004	14	1.5	
19047TDH	07/12/2019 12:43:42	12:46:41	0.004	0.006	16	1.3	
19047TDH	07/12/2019 12:48:02	12:51:01	0.004	0.006	14	1.6	
19047TDI	07/12/2019 12:58:05	13:01:04	0.006	0.008	16	1.3	
19047TDI	07/12/2019 13:01:59	13:04:58	0.005	0.007	17	1.2	
19047TDJ	07/12/2019 13:12:32	13:15:31	0.006	0.008	17	1.2	
19047TDJ	07/12/2019 13:15:55	13:18:54	0.006	0.008	16	1.4	
19047TDK	07/12/2019 13:23:16	13:26:15	0.005	0.006	17	1.3	
19047TDK	07/12/2019 13:27:09	13:30:08	0.004	0.006	15	1.6	
19047TDL	07/12/2019 13:39:28	13:42:27	0.003	0.004	17	1.3	
19047TDL	07/12/2019 13:43:38	13:46:37	0.003	0.004	17	1.3	
19047TDM	07/12/2019 14:00:43	14:03:42	0.003	0.005	17	1.3	
19047TDM	07/12/2019 14:04:49	14:07:48	0.003	0.005	16	1.5	
19047TDN	07/12/2019 14:12:25	14:15:24	0.004	0.006	17	1.3	
19047TDN	07/12/2019 14:16:22	14:19:21	0.004	0.006	18	1.3	
19047TDO	07/12/2019 14:33:27	14:36:26	0.004	0.008	16	1.4	
19047TDP	07/12/2019 14:38:26	14:41:25	0.004	0.007	17	1.3	
19047TDR	07/12/2019 14:59:18	15:02:17	0.005	0.007	16	1.4	
19047TDR	07/12/2019 15:02:57	15:05:56	0.005	0.007	15	1.4	
19047TDS	07/12/2019 15:16:31	15:19:30	0.005	0.007	15	1.4	
19047TDS	07/12/2019 15:20:41	15:23:40	0.006	0.007	14	1.5	
19047TDT	07/12/2019 15:34:59	15:37:58	0.006	0.008	17	1.2	
19047TDT	07/12/2019 15:39:28	15:42:27	0.006	0.008	13	1.5	

GPSID	UTC Start	UTC End	Horz Prec	Vert Prec	# of SV's	PDOP	Reject
19047TDU	07/12/2019 15:59:46	16:02:45	0.007	0.009	16	1.2	
19047TDU	07/12/2019 16:03:43	16:06:42	0.007	0.009	15	1.2	
19047TDV	07/12/2019 16:29:31	16:32:30	0.007	0.010	14	1.4	
19047TDV	07/12/2019 16:32:51	16:35:50	0.007	0.010	13	1.5	
19047TDW	07/12/2019 16:44:43	16:47:42	0.007	0.010	15	1.3	
19047TDW	07/12/2019 16:48:37	16:51:36	0.008	0.011	13	1.5	
19047TDX	07/12/2019 17:09:06	17:12:05	0.007	0.010	16	1.2	
19047TDY	07/12/2019 17:14:31	17:17:30	0.007	0.010	16	1.2	
19047TEA	07/12/2019 17:29:36	17:32:35	0.007	0.011	15	1.3	
19047TEA	07/12/2019 17:34:38	17:37:37	0.008	0.011	14	1.5	
19047TEB	07/12/2019 17:46:52	17:49:51	0.007	0.010	14	1.4	
19047TEB	07/12/2019 17:51:48	17:54:47	0.010	0.014	12	1.6	
19047TEC	07/12/2019 18:13:46	18:16:45	0.008	0.012	15	1.4	
19047TEC	07/12/2019 18:18:14	18:21:13	0.007	0.010	14	1.4	
19047TEC	07/12/2019 18:21:45	18:24:44	0.007	0.010	14	1.4	
19047TED	07/12/2019 18:36:20	18:39:20	0.007	0.010	16	1.2	
19047TED	07/12/2019 18:39:45	18:42:44	0.007	0.011	14	1.4	
19047TEE	07/12/2019 18:49:36	18:52:35	0.008	0.011	15	1.4	
19047TEE	07/12/2019 18:54:33	18:57:32	0.007	0.010	15	1.4	
19047TEF	07/12/2019 19:15:29	19:18:28	0.006	0.009	14	1.8	
19047TEF	07/12/2019 19:19:51	19:22:50	0.006	0.009	13	1.8	
19047TEG	07/12/2019 19:36:07	19:39:06	0.006	0.009	16	1.3	
19047TEG	07/12/2019 19:40:17	19:43:16	0.006	0.009	15	1.4	
19047TEH	07/12/2019 19:53:24	19:56:23	0.006	0.009	15	1.4	
19047TEH	07/12/2019 19:56:48	19:59:47	0.006	0.009	14	1.4	
19047TEI	07/12/2019 20:13:01	20:16:00	0.006	0.010	16	1.3	
19047TEI	07/12/2019 20:17:27	20:20:26	0.006	0.011	12	1.9	
19047TEJ	07/12/2019 20:33:53	20:36:52	0.009	0.017	14	1.6	
19047TEJ	07/12/2019 20:39:38	20:42:37	0.008	0.022	14	1.6	
19047TEK	07/12/2019 20:51:55	20:54:54	0.007	0.013	14	1.5	
19047TEK	07/12/2019 20:55:43	20:58:42	0.007	0.012	15	1.3	
19047TEK	07/12/2019 20:59:42	21:02:41	0.007	0.013	14	1.4	
19047TEL	07/12/2019 21:15:46	21:18:45	0.007	0.015	13	1.6	
19047TEL	07/12/2019 21:19:36	21:22:36	0.008	0.015	12	1.7	
19047TEM	07/12/2019 21:34:36	21:37:35	0.011	0.018	14	1.3	
19047TEM	07/12/2019 21:38:04	21:41:03	0.010	0.015	15	1.3	
19047TEN	07/12/2019 21:49:32	21:52:31	0.007	0.009	14	1.4	
19047TEN	07/12/2019 21:53:39	21:56:38	0.007	0.009	14	1.4	
19047TEN	07/12/2019 21:57:03	22:00:02	0.007	0.010	12	1.5	
19047TEO	07/12/2019 22:13:29	22:16:28	0.007	0.009	14	1.4	
19047TEO	07/12/2019 22:17:54	22:20:53	0.007	0.009	12	1.6	
19047TEP	07/12/2019 22:28:41	22:31:40	0.006	0.009	13	1.5	
19047TEP	07/12/2019 22:33:03	22:36:02	0.006	0.009	13	1.5	
19047TEQ	07/12/2019 22:55:37	22:58:36	0.005	0.008	14	1.5	
19047TEQ	07/12/2019 22:59:00	23:01:59	0.005	0.008	10	2.6	
19047TER	07/12/2019 23:08:01	23:11:00	0.004	0.008	14	1.4	
19047TER	07/12/2019 23:11:18	23:14:17	0.004	0.008	10	2.9	
19047TES	07/12/2019 23:43:29	23:46:29	0.004	0.009	12	1.8	
19047TES	07/12/2019 23:47:11	23:50:10	0.004	0.009	12	1.6	
19047TET	07/13/2019 00:03:40	00:06:39	0.004	0.006	12	1.6	
19047TET	07/13/2019 00:08:02	00:11:01	0.004	0.006	11	1.6	
19047TEU	07/13/2019 12:58:56	13:01:55	0.004	0.006	18	1.2	
19047TEU	07/13/2019 13:03:19	13:06:18	0.006	0.009	17	1.2	
19047TEV	07/13/2019 13:20:00	13:22:59	0.006	0.010	16	1.4	
19047TEV	07/13/2019 13:24:28	13:27:27	0.006	0.009	16	1.4	
19047TEW	07/13/2019 13:33:21	13:36:20	0.006	0.009	16	1.4	
19047TEW	07/13/2019 13:36:45	13:39:44	0.006	0.010	15	1.6	
19047TEX	07/13/2019 13:55:14	13:58:14	0.004	0.007	16	1.3	
19047TEX	07/13/2019 13:59:26	14:02:25	0.003	0.006	14	1.7	
19047TEY	07/13/2019 14:15:50	14:18:49	0.005	0.008	18	1.2	
19047TEY	07/13/2019 14:19:41	14:22:40	0.005	0.009	14	1.8	
19047TEZ	07/13/2019 14:30:49	14:33:48	0.007	0.013	17	1.3	
19047TEZ	07/13/2019 14:34:37	14:37:36	0.007	0.012	16	1.3	
19047TFA	07/13/2019 14:45:06	14:48:05	0.007	0.011	16	1.4	
19047TFA	07/13/2019 14:49:14	14:52:13	0.007	0.010	15	1.5	
19047TFB	07/13/2019 15:07:03	15:10:02	0.006	0.009	15	1.5	
19047TFB	07/13/2019 15:11:26	15:14:25	0.006	0.009	15	1.4	
19047TFC	07/13/2019 15:40:44	15:43:43	0.008	0.011	16	1.2	
19047TFC	07/13/2019 15:44:48	15:47:47	0.009	0.012	15	1.2	
19047TFD	07/13/2019 15:54:50	15:57:49	0.007	0.009	14	1.5	
19047TFD	07/13/2019 15:58:22	16:01:21	0.007	0.009	13	1.6	
19047TFE	07/13/2019 16:08:26	16:11:25	0.006	0.009	13	1.6	
19047TFE	07/13/2019 16:12:40	16:15:39	0.007	0.010	13	1.8	

GPSID	UTC Start	UTC End	Horz Prec	Vert Prec	# of SV's	PDOP	Reject
19047TFF	07/13/2019 16:27:07	16:30:06	0.007	0.010	14	1.4	
19047TFF	07/13/2019 16:30:52	16:33:51	0.006	0.009	12	1.6	
19047TFF	07/13/2019 16:44:36	16:47:35	0.007	0.010	15	1.3	
19047TFH	07/13/2019 16:48:46	16:51:45	0.007	0.012	15	1.3	
19047TFJ	07/13/2019 17:13:05	17:16:04	0.002	0.003	16	1.2	
19047TFJ	07/13/2019 17:16:27	17:19:26	0.002	0.003	15	1.2	
19047TFK	07/13/2019 17:30:12	17:33:11	0.003	0.005	14	1.5	
19047TFK	07/13/2019 17:34:10	17:37:09	0.003	0.005	13	1.5	
19047TFL	07/13/2019 17:48:51	17:51:50	0.004	0.006	15	1.3	
19047TFL	07/13/2019 17:52:19	17:55:18	0.004	0.006	14	1.4	
19047TFM	07/13/2019 18:04:04	18:07:03	0.005	0.008	15	1.3	
19047TFM	07/13/2019 18:09:15	18:12:14	0.005	0.008	13	1.6	
19047TFN	07/13/2019 18:22:19	18:25:18	0.006	0.008	15	1.4	
19047TFN	07/13/2019 18:27:12	18:30:11	0.006	0.009	15	1.4	
19047TFO	07/13/2019 18:39:45	18:42:44	0.006	0.007	16	1.3	
19047TFO	07/13/2019 18:43:59	18:46:58	0.005	0.007	16	1.3	
19047TFP	07/13/2019 18:54:51	18:57:50	0.006	0.009	15	1.5	
19047TFP	07/13/2019 18:58:16	19:01:15	0.006	0.009	14	1.7	
19047TFQ	07/13/2019 19:13:10	19:16:09	0.006	0.010	14	1.8	
19047TFQ	07/13/2019 19:16:37	19:19:36	0.006	0.010	14	1.9	
19047TFR	07/13/2019 19:29:18	19:32:17	0.006	0.010	16	1.3	
19047TFR	07/13/2019 19:33:37	19:36:36	0.006	0.010	15	1.3	
19047TFS	07/13/2019 20:00:11	20:03:10	0.005	0.009	16	1.3	
19047TFS	07/13/2019 20:03:48	20:06:47	0.006	0.010	15	1.4	
19047TFT	07/13/2019 20:23:03	20:26:02	0.006	0.011	15	1.6	
19047TFT	07/13/2019 20:28:36	20:31:35	0.006	0.011	15	1.5	
19047TFU	07/13/2019 20:43:44	20:46:43	0.006	0.010	14	1.5	
19047TFU	07/13/2019 20:49:46	20:52:45	0.006	0.010	13	1.5	
19047TFV	07/13/2019 21:00:54	21:03:53	0.006	0.011	14	1.3	
19047TFV	07/13/2019 21:04:25	21:07:24	0.008	0.016	12	1.7	
19047TFW	07/13/2019 21:14:05	21:17:04	0.007	0.012	12	1.7	
19047TFW	07/13/2019 21:18:16	21:21:15	0.007	0.012	11	1.9	
19047TFX	07/13/2019 21:32:45	21:35:44	0.008	0.010	13	1.5	
19047TFX	07/13/2019 21:36:26	21:39:25	0.008	0.010	12	1.6	
19047TFY	07/13/2019 21:49:19	21:52:18	0.008	0.010	14	1.3	
19047TFY	07/13/2019 21:54:29	21:57:28	0.008	0.010	13	1.4	
19047TFZ	07/13/2019 22:08:55	22:11:54	0.007	0.009	13	1.4	
19047TFZ	07/13/2019 22:12:27	22:15:26	0.007	0.009	12	1.7	
19047TGA	07/13/2019 22:27:33	22:30:32	0.006	0.009	12	1.6	
19047TGA	07/13/2019 22:32:06	22:35:05	0.006	0.010	10	2.0	
19047TGB	07/13/2019 22:46:43	22:49:42	0.006	0.009	14	1.4	
19047TGB	07/13/2019 22:50:18	22:53:17	0.006	0.010	14	1.4	
19047TGC	07/13/2019 23:02:12	23:05:11	0.006	0.010	14	1.4	
19047TGC	07/13/2019 23:06:57	23:09:56	0.006	0.012	10	2.1	
19047TGD	07/13/2019 23:27:04	23:30:04	0.005	0.009	13	1.5	
19047TGD	07/13/2019 23:31:57	23:34:56	0.006	0.012	11	1.9	
19047TGE	07/14/2019 13:22:17	13:25:16	0.004	0.006	16	1.4	
19047TGE	07/14/2019 13:27:28	13:30:27	0.004	0.006	16	1.4	
19047TGF	07/14/2019 13:39:30	13:42:29	0.003	0.006	15	1.4	
19047TGF	07/14/2019 13:44:09	13:47:08	0.004	0.007	15	1.3	
19047TGG	07/14/2019 13:58:11	14:01:11	0.004	0.007	15	1.6	
19047TGG	07/14/2019 14:02:21	14:05:20	0.004	0.007	15	1.6	
19047TGH	07/14/2019 14:11:20	14:14:19	0.004	0.007	16	1.4	
19047TGH	07/14/2019 14:15:01	14:18:00	0.004	0.007	15	1.6	
19047TGI	07/14/2019 14:29:34	14:32:33	0.004	0.007	17	1.3	
19047TGI	07/14/2019 14:34:05	14:37:04	0.004	0.007	16	1.3	
19047TGJ	07/14/2019 14:48:59	14:51:58	0.006	0.009	16	1.3	
19047TGJ	07/14/2019 14:53:35	14:56:34	0.006	0.009	16	1.3	
19047TGK	07/14/2019 15:08:11	15:11:10	0.006	0.008	15	1.4	
19047TGK	07/14/2019 15:12:07	15:15:06	0.007	0.009	15	1.4	
19047TGL	07/14/2019 15:28:21	15:31:20	0.006	0.008	16	1.2	
19047TGM	07/14/2019 15:32:31	15:35:30	0.006	0.007	16	1.1	
19047TGO	07/14/2019 16:06:03	16:09:02	0.006	0.008	15	1.2	
19047TGO	07/14/2019 16:13:04	16:16:03	0.007	0.010	13	1.4	
19047TGP	07/14/2019 16:27:59	16:30:58	0.005	0.007	14	1.4	
19047TGP	07/14/2019 16:32:18	16:35:17	0.006	0.008	13	1.5	
19047TGO	07/14/2019 16:40:17	16:43:16	0.005	0.007	17	1.1	
19047TGO	07/14/2019 16:43:54	16:46:53	0.005	0.007	15	1.3	
19047TGR	07/14/2019 17:38:24	17:41:23	0.006	0.008	13	1.6	
19047TGS	07/14/2019 17:42:46	17:45:45	0.006	0.009	13	1.6	
19047TGU	07/14/2019 18:08:18	18:11:17	0.006	0.009	15	1.4	
19047TGU	07/14/2019 18:12:31	18:15:30	0.006	0.009	12	1.8	
19047TGV	07/14/2019 18:23:45	18:26:44	0.007	0.009	15	1.4	

GPSID	UTC Start	UTC End	Horz Prec	Vert Prec	# of SV's	PDOP	Reject
19047TGV	07/14/2019 18:27:36	18:30:35	0.007	0.009	16	1.3	
19047TGW	07/14/2019 18:41:08	18:44:07	0.009	0.012	17	1.2	
19047TGW	07/14/2019 18:45:28	18:48:27	0.007	0.009	17	1.2	
19047TGX	07/14/2019 18:59:46	19:02:45	0.007	0.010	14	1.7	
19047TGX	07/14/2019 19:08:41	19:11:40	0.007	0.010	13	1.9	
19047TGX	07/14/2019 19:13:26	19:16:25	0.007	0.010	13	1.9	
19047TGX	07/14/2019 19:16:52	19:19:51	0.007	0.011	13	1.9	
19047TGY	07/14/2019 19:33:37	19:36:36	0.007	0.011	16	1.3	
19047TGY	07/14/2019 19:38:18	19:41:17	0.006	0.010	15	1.4	
19047TGZ	07/14/2019 19:51:48	19:54:47	0.006	0.010	15	1.4	
19047TGZ	07/14/2019 19:56:09	19:59:08	0.008	0.014	14	1.7	
19047THA	07/14/2019 20:04:55	20:07:54	0.010	0.018	13	1.7	
19047THA	07/14/2019 20:08:16	20:11:15	0.006	0.011	13	1.7	
19047THB	07/14/2019 20:31:30	20:34:29	0.007	0.015	12	1.8	
19047THB	07/14/2019 20:36:35	20:39:34	0.007	0.014	12	1.8	
19047THC	07/14/2019 21:01:09	21:04:08	0.009	0.016	11	2.5	X
19047THC	07/14/2019 21:05:50	21:08:49	0.010	0.019	10	2.5	X
19047THC	07/14/2019 21:09:14	21:12:13	0.013	0.022	9	2.6	
19047THC	07/14/2019 21:12:37	21:16:14	0.012	0.021	9	2.6	
19047THC	07/14/2019 21:17:47	21:21:12	0.011	0.017	10	2.0	
19047THD	07/14/2019 21:32:19	21:36:56	0.018	0.030	9	1.8	X
19047THD	07/14/2019 21:37:48	21:42:43	0.018	0.019	9	2.1	X
19047THD	07/14/2019 21:46:58	21:50:54	0.016	0.020	12	1.4	
19047THD	07/14/2019 21:51:49	21:57:54	0.017	0.018	10	2.2	
19047THD	07/14/2019 21:58:53	22:03:22	0.043	0.070	12	1.6	X
19047THD	07/14/2019 22:04:32	22:09:20	0.017	0.016	12	1.6	
19047THE	07/14/2019 22:24:26	22:27:25	0.008	0.013	12	1.7	
19047THE	07/14/2019 22:29:08	22:32:07	0.007	0.012	12	1.5	
19047THE	07/14/2019 22:32:33	22:35:32	0.008	0.014	12	1.5	
19047THF	07/14/2019 22:45:52	22:48:51	0.005	0.009	13	1.6	
19047THF	07/14/2019 22:49:23	22:52:22	0.006	0.010	11	1.8	
19047THG	07/14/2019 23:02:00	23:04:59	0.006	0.010	12	1.7	
19047THG	07/14/2019 23:05:26	23:08:25	0.006	0.011	11	1.8	
19047THH	07/14/2019 23:19:25	23:22:24	0.006	0.011	13	1.5	
19047THH	07/14/2019 23:23:21	23:26:20	0.006	0.011	12	1.6	
19047THI	07/14/2019 23:34:30	23:37:29	0.006	0.012	12	1.5	
19047THI	07/14/2019 23:38:20	23:41:19	0.006	0.011	13	1.4	
19047THJ	07/15/2019 00:02:18	00:05:17	0.007	0.012	14	1.3	
19047THJ	07/15/2019 00:06:54	00:09:53	0.007	0.010	13	1.7	
19047THK	07/15/2019 00:20:58	00:23:57	0.007	0.009	13	1.5	
19047THK	07/15/2019 00:24:15	00:27:14	0.007	0.009	13	1.5	
19047THL	07/15/2019 12:24:06	12:27:05	0.006	0.008	15	1.3	
19047THL	07/15/2019 12:28:46	12:31:45	0.006	0.008	15	1.4	
19047THM	07/15/2019 12:39:26	12:42:25	0.005	0.007	16	1.3	
19047THM	07/15/2019 12:43:48	12:46:48	0.005	0.007	13	1.5	
19047THN	07/15/2019 12:55:30	12:58:29	0.005	0.007	17	1.2	
19047THN	07/15/2019 12:59:33	13:02:32	0.005	0.008	15	1.4	
19047THO	07/15/2019 13:15:02	13:18:01	0.005	0.008	17	1.3	
19047THO	07/15/2019 13:18:27	13:21:26	0.005	0.008	15	1.4	
19047THP	07/15/2019 13:27:39	13:30:38	0.006	0.009	16	1.4	
19047THP	07/15/2019 13:31:09	13:34:08	0.006	0.010	16	1.4	
19047THQ	07/15/2019 13:43:21	13:46:20	0.005	0.009	18	1.2	
19047THQ	07/15/2019 13:48:06	13:51:05	0.005	0.009	16	1.5	
19047THR	07/15/2019 14:03:45	14:06:44	0.007	0.012	17	1.4	
19047THR	07/15/2019 14:07:20	14:10:19	0.005	0.010	17	1.4	
19047THS	07/15/2019 14:14:54	14:17:53	0.005	0.009	18	1.2	
19047THS	07/15/2019 14:19:06	14:22:05	0.005	0.009	14	1.6	
19047THT	07/15/2019 14:31:58	14:34:57	0.005	0.009	16	1.4	
19047THT	07/15/2019 14:35:37	14:38:36	0.006	0.009	14	1.6	
19047THU	07/15/2019 14:50:44	14:53:43	0.005	0.008	15	1.5	
19047THU	07/15/2019 14:55:22	14:58:21	0.006	0.009	15	1.5	
19047THV	07/15/2019 15:06:05	15:09:04	0.006	0.007	14	1.4	
19047THV	07/15/2019 15:09:50	15:12:49	0.006	0.007	12	1.5	
19047THW	07/15/2019 15:30:22	15:33:21	0.007	0.009	15	1.2	
19047THW	07/15/2019 15:33:55	15:36:54	0.007	0.008	11	1.6	
19047THX	07/15/2019 15:48:49	15:51:48	0.007	0.009	14	1.5	
19047THX	07/15/2019 15:52:59	15:55:58	0.009	0.012	13	1.7	
19047THY	07/15/2019 16:05:19	16:08:18	0.007	0.010	14	1.3	
19047THY	07/15/2019 16:09:27	16:12:26	0.007	0.010	14	1.3	
19047THZ	07/15/2019 16:25:00	16:27:59	0.006	0.009	14	1.4	
19047THZ	07/15/2019 16:28:59	16:31:58	0.006	0.009	13	1.5	
19047TIA	07/15/2019 16:36:08	16:39:07	0.006	0.008	15	1.3	
19047TIA	07/15/2019 16:39:39	16:42:38	0.007	0.009	15	1.2	

GPSID	UTC Start	UTC End	Horz Prec	Vert Prec	# of SV's	PDOP	Reject
19047TIB	07/15/2019 16:51:31	16:54:30	0.005	0.008	13	1.5	
19047TIB	07/15/2019 16:55:08	16:58:07	0.006	0.009	13	1.5	
19047TIC	07/15/2019 17:03:21	17:06:20	0.006	0.009	13	1.5	
19047TID	07/15/2019 17:08:46	17:11:45	0.012	0.016	14	1.4	
19047TIF	07/15/2019 17:25:44	17:28:43	0.005	0.008	14	1.4	
19047TIF	07/15/2019 17:30:22	17:33:21	0.005	0.007	13	1.5	
19047TIG	07/15/2019 17:42:46	17:45:45	0.004	0.005	15	1.3	
19047TIG	07/15/2019 17:46:34	17:49:33	0.004	0.005	14	1.5	
19047TIH	07/15/2019 17:59:24	18:02:23	0.002	0.003	14	1.5	
19047TIH	07/15/2019 18:02:53	18:05:52	0.002	0.003	15	1.4	
19047TII	07/15/2019 18:33:57	18:36:56	0.005	0.006	14	1.4	
19047TII	07/15/2019 18:39:04	18:42:03	0.005	0.008	14	1.4	
19047TIJ	07/15/2019 18:55:03	18:58:02	0.010	0.017	12	2.4	
19047TIJ	07/15/2019 18:58:56	19:01:56	0.009	0.015	12	2.5	
19047TIK	07/15/2019 19:12:11	19:15:10	0.009	0.015	12	2.6	
19047TIK	07/15/2019 19:16:31	19:19:30	0.008	0.012	12	1.5	
19047TIL	07/15/2019 19:28:26	19:31:25	0.007	0.010	14	1.3	
19047TIL	07/15/2019 19:31:53	19:34:52	0.007	0.010	13	1.4	
19047TIM	07/15/2019 19:43:10	19:46:09	0.006	0.008	14	1.4	
19047TIM	07/15/2019 19:48:32	19:51:31	0.006	0.008	13	1.4	
19047TIN	07/15/2019 20:11:38	20:14:37	0.003	0.004	12	1.7	
19047TIN	07/15/2019 20:15:17	20:18:16	0.003	0.005	12	1.7	
19047TIO	07/15/2019 20:27:17	20:30:16	0.007	0.011	12	1.6	
19047TIO	07/15/2019 20:32:15	20:35:14	0.005	0.008	12	1.5	
19047TIP	07/15/2019 20:47:44	20:50:43	0.006	0.008	13	1.3	
19047TIP	07/15/2019 20:51:25	20:54:24	0.006	0.008	13	1.3	
19047TIQ	07/15/2019 21:11:27	21:14:27	0.009	0.014	11	1.7	
19047TIQ	07/15/2019 21:15:38	21:18:37	0.010	0.014	11	1.5	
19047TIR	07/15/2019 21:29:05	21:32:04	0.006	0.006	14	1.3	
19047TIR	07/15/2019 21:32:54	21:35:53	0.006	0.006	11	1.4	
19047TIS	07/15/2019 21:48:35	21:51:34	0.007	0.008	12	1.6	
19047TIS	07/15/2019 21:52:58	21:55:57	0.006	0.008	11	1.7	
19047TIT	07/15/2019 22:09:32	22:12:31	0.007	0.010	13	1.5	
19047TIT	07/15/2019 22:13:56	22:16:55	0.006	0.008	13	1.5	
19047TIU	07/15/2019 22:22:58	22:25:57	0.006	0.009	12	1.8	
19047TIU	07/15/2019 22:26:21	22:29:20	0.005	0.009	11	2.0	
19047TIV	07/15/2019 22:39:32	22:42:31	0.006	0.010	15	1.4	
19047TIV	07/15/2019 22:43:04	22:46:03	0.006	0.011	15	1.4	
19047TIW	07/15/2019 22:52:35	22:55:34	0.006	0.012	14	1.5	
19047TIW	07/15/2019 22:56:11	22:59:10	0.006	0.013	13	1.7	
19047TIX	07/15/2019 23:05:07	23:08:06	0.006	0.014	13	1.7	
19047TIX	07/15/2019 23:09:04	23:12:03	0.008	0.017	14	1.6	
19047TIY	07/15/2019 23:19:20	23:22:19	0.006	0.013	14	1.4	
19047TIY	07/15/2019 23:23:28	23:26:27	0.006	0.012	14	1.4	
19047TIZ	07/15/2019 23:36:27	23:39:26	0.006	0.011	14	1.2	
19047TIZ	07/15/2019 23:39:53	23:42:52	0.006	0.011	12	1.5	
19047TJA	07/16/2019 12:51:44	12:54:43	0.006	0.007	19	1.1	
19047TJA	07/16/2019 12:56:32	12:59:31	0.006	0.007	18	1.1	
19047TJB	07/16/2019 13:06:41	13:09:40	0.008	0.011	16	1.4	
19047TJB	07/16/2019 13:10:19	13:13:18	0.009	0.013	14	1.6	
19047TJC	07/16/2019 13:20:41	13:23:40	0.007	0.011	17	1.3	
19047TJC	07/16/2019 13:24:25	13:27:24	0.006	0.009	14	1.5	
19047TJD	07/16/2019 13:38:16	13:41:15	0.005	0.009	17	1.3	
19047TJD	07/16/2019 13:43:16	13:46:15	0.005	0.009	15	1.4	
19047TJE	07/16/2019 13:57:25	14:00:24	0.005	0.009	16	1.4	
19047TJE	07/16/2019 14:00:46	14:03:45	0.005	0.009	14	1.6	
19047TJF	07/16/2019 14:17:58	14:20:57	0.005	0.009	16	1.3	
19047TJF	07/16/2019 14:21:26	14:24:25	0.005	0.010	16	1.3	
19047TJG	07/16/2019 14:31:42	14:34:41	0.005	0.009	16	1.4	
19047TJG	07/16/2019 14:35:33	14:38:32	0.007	0.011	16	1.4	
19047TJH	07/16/2019 14:47:47	14:50:46	0.006	0.009	15	1.4	
19047TJH	07/16/2019 14:51:07	14:54:06	0.006	0.009	15	1.5	
19047TJI	07/16/2019 15:03:59	15:06:58	0.007	0.010	13	1.5	
19047TJI	07/16/2019 15:07:33	15:10:32	0.008	0.010	12	1.6	
19047TJJ	07/16/2019 15:19:13	15:22:12	0.006	0.008	15	1.3	
19047TJJ	07/16/2019 15:23:24	15:26:23	0.006	0.008	16	1.2	
19047TJK	07/16/2019 15:33:07	15:36:06	0.008	0.011	15	1.3	
19047TJK	07/16/2019 15:36:41	15:39:40	0.006	0.008	15	1.4	
19047TJL	07/16/2019 15:44:42	15:47:41	0.009	0.012	14	1.5	
19047TJL	07/16/2019 15:48:46	15:51:45	0.008	0.011	16	1.2	
19047TJM	07/16/2019 15:57:22	16:00:21	0.006	0.009	13	1.5	
19047TJM	07/16/2019 16:02:17	16:05:16	0.007	0.009	14	1.3	
19047TJN	07/16/2019 16:22:14	16:25:13	0.010	0.014	14	1.4	

GPSID	UTC Start	UTC End	Horz Prec	Vert Prec	# of SV's	PDOP	Reject
19047TJN	07/16/2019 16:26:04	16:29:03	0.009	0.012	13	1.4	
19047TJO	07/16/2019 16:36:29	16:39:28	0.007	0.010	16	1.2	
19047TJO	07/16/2019 16:40:07	16:43:06	0.007	0.009	14	1.3	
19047TJP	07/16/2019 16:53:41	16:56:40	0.006	0.009	16	1.2	
19047TJP	07/16/2019 16:57:15	17:00:14	0.006	0.009	13	1.4	
19047TJQ	07/16/2019 17:11:28	17:14:27	0.007	0.011	15	1.3	
19047TJQ	07/16/2019 17:15:00	17:17:59	0.008	0.012	14	1.4	
19047TJR	07/16/2019 17:24:03	17:27:02	0.007	0.010	13	1.6	
19047TJR	07/16/2019 17:27:49	17:30:48	0.012	0.019	13	1.6	
19047TJS	07/16/2019 17:38:36	17:41:35	0.005	0.007	13	1.6	
19047TJS	07/16/2019 17:43:03	17:46:02	0.005	0.008	12	1.8	
19047TJT	07/16/2019 17:51:51	17:54:50	0.005	0.008	14	1.4	
19047TJT	07/16/2019 17:55:33	17:58:32	0.005	0.008	13	1.6	
19047TJU	07/16/2019 18:54:15	18:57:14	0.007	0.010	13	1.7	
19047TJU	07/16/2019 18:58:18	19:01:24	0.005	0.008	13	1.8	
19047TJV	07/16/2019 19:06:43	19:09:42	0.006	0.009	13	1.8	
19047TJV	07/16/2019 19:10:36	19:13:35	0.005	0.007	15	1.3	
19047TJW	07/16/2019 19:27:07	19:30:06	0.003	0.004	16	1.3	
19047TJW	07/16/2019 19:31:12	19:34:11	0.004	0.007	16	1.3	
19047TJX	07/16/2019 19:42:57	19:45:56	0.004	0.010	15	1.3	
19047TJX	07/16/2019 19:46:20	19:49:19	0.002	0.004	14	1.4	
19047TJY	07/16/2019 19:55:03	19:58:02	0.002	0.003	13	1.6	
19047TJZ	07/16/2019 20:00:34	20:03:33	0.002	0.004	14	1.5	
19047TKB	07/16/2019 20:20:01	20:23:01	0.002	0.005	13	1.7	
19047TKB	07/16/2019 20:24:44	20:27:43	0.002	0.004	13	1.6	
19047TKC	07/16/2019 20:40:31	20:43:30	0.004	0.008	15	1.3	
19047TKC	07/16/2019 20:44:04	20:47:03	0.004	0.008	14	1.4	
19047TKD	07/16/2019 20:54:36	20:57:35	0.004	0.008	13	1.7	
19047TKD	07/16/2019 20:58:07	21:01:06	0.005	0.010	12	1.7	
19047TKE	07/16/2019 21:06:35	21:09:34	0.004	0.007	13	1.6	
19047TKE	07/16/2019 21:10:27	21:13:26	0.004	0.007	13	1.6	
19047TKF	07/16/2019 21:19:33	21:22:32	0.004	0.006	14	1.4	
19047TKF	07/16/2019 21:24:48	21:27:47	0.005	0.008	14	1.3	
19047TKG	07/16/2019 21:39:39	21:42:38	0.007	0.009	16	1.2	
19047TKG	07/16/2019 21:45:55	21:48:55	0.006	0.007	15	1.2	
19047TKH	07/16/2019 21:58:20	22:01:19	0.005	0.007	15	1.3	
19047TKH	07/16/2019 22:01:39	22:04:38	0.005	0.007	14	1.5	
19047TKI	07/16/2019 22:14:46	22:17:45	0.006	0.008	14	1.5	
19047TKI	07/16/2019 22:20:23	22:23:22	0.006	0.008	13	1.5	
19047TNP	08/28/2019 17:12:55	17:15:54	0.008	0.015	13	1.6	
19047TNP	08/28/2019 17:16:23	17:19:22	0.005	0.010	13	1.6	
19047TNQ	08/28/2019 17:27:28	17:30:27	0.007	0.013	14	1.6	
19047TNQ	08/28/2019 17:32:39	17:35:38	0.006	0.012	14	1.5	
19047TNR	08/28/2019 17:52:09	17:55:08	0.007	0.012	14	1.3	
19047TNR	08/28/2019 17:57:25	18:00:24	0.007	0.013	12	1.5	
19047TNS	08/28/2019 18:07:02	18:10:01	0.008	0.014	11	2.0	
19047TNS	08/28/2019 18:11:54	18:14:53	0.008	0.013	10	1.9	
19047TKJ	08/26/2019 13:38:45	13:42:08	0.004	0.006	14	1.3	
19047TKJ	08/26/2019 13:42:32	13:48:25	0.004	0.006	15	1.3	
19047TKK	08/26/2019 13:59:29	14:03:22	0.005	0.007	15	1.2	
19047TKK	08/26/2019 14:03:44	14:06:44	0.008	0.011	16	1.2	
19047TKL	08/26/2019 14:20:07	14:24:02	0.005	0.007	15	1.3	
19047TKL	08/26/2019 14:25:15	14:28:44	0.005	0.008	15	1.3	
19047TKM	08/26/2019 14:39:17	14:42:41	0.006	0.009	13	1.5	
19047TKM	08/26/2019 14:43:24	14:46:55	0.008	0.012	13	1.5	
19047TKN	08/26/2019 14:51:10	14:54:47	0.006	0.009	14	1.3	
19047TKN	08/26/2019 14:55:43	14:59:14	0.006	0.009	13	1.5	
19047TKO	08/26/2019 15:03:50	15:07:45	0.006	0.009	13	1.5	
19047TKO	08/26/2019 15:08:08	15:11:08	0.006	0.010	13	1.5	
19047TKP	08/26/2019 15:23:59	15:27:08	0.007	0.010	14	1.5	
19047TKP	08/26/2019 15:27:26	15:30:31	0.007	0.010	13	1.5	
19047TKQ	08/26/2019 15:36:03	15:39:34	0.008	0.011	15	1.4	
19047TKQ	08/26/2019 15:40:08	15:44:00	0.008	0.011	15	1.4	
19047TKR	08/26/2019 15:59:09	16:03:01	0.007	0.010	14	1.7	
19047TKR	08/26/2019 16:04:58	16:08:22	0.010	0.015	14	1.8	
19047TKR	08/26/2019 16:08:51	16:12:36	0.006	0.010	14	1.8	
19047TKS	08/26/2019 16:23:53	16:26:58	0.006	0.009	16	1.3	
19047TKS	08/26/2019 16:27:18	16:30:19	0.006	0.009	17	1.2	
19047TKT	08/26/2019 16:39:13	16:43:34	0.005	0.008	17	1.3	
19047TKT	08/26/2019 16:43:57	16:47:53	0.008	0.012	17	1.3	
19047TKU	08/26/2019 16:54:39	16:57:45	0.006	0.009	17	1.3	
19047TKU	08/26/2019 16:58:47	17:01:46	0.007	0.011	16	1.3	
19047TKV	08/26/2019 17:39:00	17:41:59	0.006	0.011	14	1.6	

GPSID	UTC Start	UTC End	Horz Prec	Vert Prec	# of SV's	PDOP	Reject
19047TKW	08/26/2019 17:49:01	17:54:00	0.011	0.025	15	2.0	
19047TKW	08/26/2019 17:54:25	17:59:24	0.011	0.027	12	2.6	
19047TKX	08/26/2019 18:15:06	18:18:05	0.007	0.011	13	1.7	
19047TKX	08/26/2019 18:19:39	18:22:38	0.007	0.011	12	1.7	
19047TKY	08/26/2019 18:27:58	18:31:36	0.006	0.008	14	1.4	
19047TKY	08/26/2019 18:32:48	18:35:47	0.006	0.008	15	1.3	
19047TKZ	08/26/2019 18:42:48	18:45:47	0.005	0.006	14	1.3	
19047TKZ	08/26/2019 18:47:33	18:50:32	0.004	0.006	13	1.3	
19047TLA	08/26/2019 19:22:09	19:25:08	0.005	0.007	14	1.5	
19047TLA	08/26/2019 19:25:42	19:28:41	0.005	0.007	14	1.5	
19047TLB	08/26/2019 19:42:34	19:45:33	0.006	0.009	13	1.5	
19047TLB	08/26/2019 19:47:34	19:50:33	0.005	0.009	14	1.5	
19047TLC	08/26/2019 20:00:22	20:03:21	0.005	0.009	14	1.4	
19047TLC	08/26/2019 20:03:49	20:06:48	0.006	0.010	12	1.7	
19047TLD	08/26/2019 20:13:31	20:16:30	0.006	0.011	14	1.5	
19047TLD	08/26/2019 20:16:52	20:19:51	0.006	0.012	13	1.5	
19047TLE	08/26/2019 20:33:02	20:37:24	0.006	0.013	13	1.6	
19047TLE	08/26/2019 20:38:05	20:41:18	0.006	0.013	12	2.0	
19047TLF	08/26/2019 20:46:07	20:49:13	0.006	0.012	12	1.8	
19047TLF	08/26/2019 20:49:39	20:52:38	0.006	0.011	12	1.8	
19047TLG	08/26/2019 20:58:02	21:01:01	0.007	0.012	13	1.6	
19047TLG	08/26/2019 21:02:12	21:05:11	0.009	0.014	13	1.6	
19047TLH	08/26/2019 21:15:29	21:18:28	0.011	0.015	12	1.7	
19047TLH	08/26/2019 21:19:12	21:22:11	0.007	0.010	12	1.6	
19047TLI	08/26/2019 21:28:09	21:33:01	0.006	0.008	12	1.6	
19047TLI	08/26/2019 21:33:28	21:36:27	0.006	0.008	12	1.6	
19047TLJ	08/26/2019 21:45:44	21:48:43	0.006	0.008	13	1.5	
19047TLJ	08/26/2019 21:50:08	21:53:07	0.006	0.008	12	1.5	
19047TLK	08/26/2019 22:06:59	22:09:58	0.007	0.010	12	1.6	
19047TLK	08/26/2019 22:10:33	22:13:32	0.007	0.010	12	1.6	
19047TLL	08/26/2019 22:23:59	22:26:58	0.007	0.010	13	1.4	
19047TLL	08/26/2019 22:28:34	22:31:33	0.007	0.009	13	1.3	
19047TLM	08/26/2019 22:44:23	22:47:22	0.006	0.008	13	1.4	
19047TLM	08/26/2019 22:48:56	22:51:55	0.006	0.010	13	1.5	
19047TLN	08/26/2019 23:01:26	23:04:25	0.005	0.007	14	1.4	
19047TLN	08/26/2019 23:05:18	23:08:17	0.005	0.007	14	1.6	
19047TLO	08/26/2019 23:21:23	23:24:22	0.005	0.007	16	1.4	
19047TLO	08/26/2019 23:26:05	23:29:04	0.005	0.007	15	1.5	
19047TLP	08/26/2019 23:37:58	23:40:57	0.006	0.009	17	1.3	
19047TLP	08/26/2019 23:45:10	23:48:09	0.008	0.011	17	1.3	
19047TLQ	08/26/2019 23:59:28	00:02:27	0.004	0.006	15	1.5	
19047TLQ	08/27/2019 00:05:18	00:08:17	0.004	0.006	13	1.7	
19047TLR	08/27/2019 12:30:00	12:33:37	0.005	0.007	16	1.2	
19047TLR	08/27/2019 12:36:17	12:39:16	0.005	0.007	17	1.1	
19047TLS	08/27/2019 12:49:10	12:52:33	0.006	0.008	14	1.5	
19047TLS	08/27/2019 12:53:38	12:56:37	0.006	0.008	14	1.5	
19047TLT	08/27/2019 13:14:47	13:17:46	0.008	0.010	13	1.6	
19047TLT	08/27/2019 13:18:56	13:21:55	0.006	0.008	13	1.6	
19047TLU	08/27/2019 13:30:19	13:33:18	0.006	0.008	14	1.4	
19047TLU	08/27/2019 13:33:52	13:36:51	0.006	0.008	13	1.7	
19047TLV	08/27/2019 13:45:13	13:48:12	0.006	0.008	15	1.2	
19047TLV	08/27/2019 13:50:31	13:53:30	0.006	0.008	14	1.3	
19047TLW	08/27/2019 14:10:04	14:13:03	0.006	0.008	16	1.2	
19047TLW	08/27/2019 14:16:38	14:19:37	0.006	0.008	15	1.3	
19047TLX	08/27/2019 14:29:04	14:32:03	0.006	0.010	14	1.5	
19047TLX	08/27/2019 14:33:15	14:36:14	0.006	0.009	14	1.5	
19047TLY	08/27/2019 14:45:33	14:48:32	0.006	0.009	16	1.3	
19047TLY	08/27/2019 14:49:19	14:52:18	0.006	0.010	15	1.3	
19047TLZ	08/27/2019 14:58:39	15:01:38	0.006	0.010	16	1.2	
19047TLZ	08/27/2019 15:03:11	15:06:10	0.007	0.010	15	1.4	
19047TMA	08/27/2019 15:19:24	15:22:23	0.007	0.010	16	1.3	
19047TMA	08/27/2019 15:24:42	15:27:41	0.008	0.012	16	1.3	
19047TMB	08/27/2019 15:38:44	15:41:43	0.007	0.010	16	1.3	
19047TMB	08/27/2019 15:47:38	15:50:37	0.007	0.009	17	1.2	
19047TMC	08/27/2019 16:02:47	16:05:46	0.007	0.010	14	1.8	
19047TMC	08/27/2019 16:08:14	16:11:13	0.010	0.014	14	1.9	
19047TMD	08/27/2019 16:40:58	16:43:57	0.008	0.013	17	1.3	
19047TMD	08/27/2019 16:47:23	16:50:22	0.007	0.011	16	1.3	
19047TME	08/27/2019 16:56:16	16:59:15	0.006	0.010	18	1.2	
19047TME	08/27/2019 17:04:20	17:07:19	0.006	0.011	17	1.3	
19047TMF	08/27/2019 17:11:28	17:14:27	0.006	0.011	15	1.5	
19047TMF	08/27/2019 17:16:38	17:19:37	0.008	0.015	15	1.5	
19047TMG	08/27/2019 17:29:53	17:32:52	0.006	0.012	14	1.6	

GPSID	UTC Start	UTC End	Horz Prec	Vert Prec	# of SV's	PDOP	Reject
19047TMG	08/27/2019 17:36:50	17:39:49	0.006	0.013	14	1.5	
19047TMH	08/27/2019 17:56:21	18:00:33	0.005	0.010	15	1.2	
19047TMH	08/27/2019 18:01:04	18:04:03	0.006	0.011	14	1.3	
19047TMI	08/27/2019 18:07:44	18:10:43	0.007	0.012	12	1.9	
19047TMI	08/27/2019 18:13:53	18:16:52	0.007	0.012	13	1.5	
19047JLO	10/01/2019 21:28:22	21:29:21	0.010	0.015	15	1.7	
19047JLO	10/01/2019 21:30:12	21:31:04	0.012	0.014	8	2.5	
19047JLO	10/01/2019 21:31:56	21:32:29	0.011	0.015	15	1.4	
19047JLO	10/01/2019 21:32:54	21:35:08	0.013	0.017	9	2.2	
19047JMC	10/02/2019 15:09:31	15:12:30	0.007	0.011	14	1.7	
19047JMC	10/02/2019 15:12:53	15:15:52	0.007	0.011	14	1.6	
19047JMM	10/02/2019 17:36:17	17:39:16	0.011	0.025	11	2.4	
19047JMM	10/02/2019 17:39:40	17:42:39	0.011	0.019	12	2.5	
19047TMJ	08/27/2019 18:30:29	18:33:28	0.007	0.009	14	1.3	
19047TMJ	08/27/2019 18:35:17	18:38:16	0.007	0.009	13	1.3	
19047TMK	08/27/2019 18:48:55	18:51:54	0.007	0.008	13	1.3	
19047TMK	08/27/2019 18:53:06	18:56:05	0.008	0.010	12	1.5	
19047TML	08/27/2019 19:03:24	19:06:23	0.007	0.009	13	1.5	
19047TML	08/27/2019 19:12:06	19:15:13	0.006	0.007	13	1.5	
19047TMM	08/27/2019 19:31:18	19:34:17	0.005	0.006	12	1.7	
19047TMM	08/27/2019 19:35:29	19:38:28	0.005	0.007	11	2.0	
19047TMN	08/27/2019 19:52:47	19:55:46	0.006	0.010	14	1.5	
19047TMN	08/27/2019 19:57:29	20:00:28	0.006	0.012	14	1.5	
19047TMO	08/27/2019 20:20:43	20:23:42	0.006	0.013	13	1.5	
19047TMO	08/27/2019 20:24:44	20:27:43	0.006	0.012	13	1.4	
19047TMP	08/27/2019 20:38:41	20:41:40	0.006	0.013	12	1.7	
19047TMP	08/27/2019 20:43:08	20:46:07	0.006	0.012	11	1.8	
19047TMP	08/27/2019 20:46:33	20:49:32	0.006	0.011	12	1.6	
19047TMQ	08/27/2019 21:03:51	21:06:50	0.007	0.010	13	1.3	
19047TMQ	08/27/2019 21:08:15	21:11:14	0.007	0.010	13	1.6	
19047TMR	08/27/2019 21:22:01	21:25:00	0.007	0.010	12	1.6	
19047TMR	08/27/2019 21:28:13	21:31:12	0.007	0.009	12	1.6	
19047TMS	08/27/2019 22:06:32	22:12:09	0.008	0.011	12	1.6	
19047TMS	08/27/2019 22:12:35	22:15:34	0.006	0.009	13	1.5	
19047TMT	08/27/2019 22:21:31	22:24:30	0.007	0.010	12	1.6	
19047TMT	08/27/2019 22:29:34	22:32:33	0.006	0.009	13	1.4	
19047TMU	08/27/2019 22:42:00	22:45:00	0.006	0.008	14	1.4	
19047TMU	08/27/2019 22:46:54	22:49:53	0.006	0.008	14	1.4	
19047TMV	08/27/2019 23:04:57	23:07:56	0.006	0.008	14	1.4	
19047TMV	08/27/2019 23:09:36	23:12:35	0.007	0.011	13	1.6	
19047TMW	08/27/2019 23:20:27	23:23:26	0.006	0.008	14	1.4	
19047TMW	08/27/2019 23:24:25	23:27:24	0.008	0.012	14	1.4	
19047TMX	08/27/2019 23:33:07	23:36:06	0.006	0.008	15	1.3	
19047TMX	08/27/2019 23:38:41	23:41:40	0.006	0.009	15	1.3	
19047TMY	08/27/2019 23:54:29	23:57:28	0.006	0.008	14	1.5	
19047TMY	08/27/2019 23:58:54	00:01:53	0.006	0.008	13	1.6	
19047TMZ	08/28/2019 12:41:12	12:44:11	0.006	0.008	15	1.4	
19047TMZ	08/28/2019 12:45:47	12:48:46	0.006	0.008	15	1.4	
19047TNA	08/28/2019 12:56:22	12:59:21	0.006	0.009	16	1.1	
19047TNA	08/28/2019 13:00:21	13:03:20	0.006	0.008	15	1.2	
19047TNB	08/28/2019 13:12:16	13:15:15	0.006	0.008	14	1.3	
19047TNB	08/28/2019 13:16:36	13:19:35	0.006	0.008	14	1.4	
19047TNC	08/28/2019 13:27:21	13:30:20	0.006	0.009	12	1.6	
19047TND	08/28/2019 13:35:02	13:40:01	0.011	0.018	12	1.6	
19047TND	08/28/2019 13:42:59	13:47:58	0.012	0.017	11	1.8	
19047TNE	08/28/2019 14:01:19	14:04:18	0.006	0.008	17	1.2	
19047TNE	08/28/2019 14:05:45	14:08:44	0.006	0.008	17	1.2	
19047TNF	08/28/2019 14:12:22	14:15:21	0.008	0.011	16	1.3	
19047TNF	08/28/2019 14:15:53	14:18:52	0.008	0.012	15	1.3	
19047TNG	08/28/2019 14:28:41	14:31:40	0.006	0.009	14	1.5	
19047TNG	08/28/2019 14:32:16	14:35:15	0.006	0.009	15	1.5	
19047TNH	08/28/2019 14:45:14	14:48:13	0.006	0.009	17	1.2	
19047TNH	08/28/2019 14:48:48	14:51:47	0.007	0.010	17	1.2	
19047TNI	08/28/2019 15:01:02	15:04:01	0.007	0.010	15	1.4	
19047TNI	08/28/2019 15:05:55	15:08:54	0.007	0.010	16	1.3	
19047TNJ	08/28/2019 15:29:02	15:32:01	0.007	0.010	15	1.4	
19047TNJ	08/28/2019 15:32:21	15:35:20	0.008	0.011	14	1.5	
19047TNK	08/28/2019 15:54:19	15:57:18	0.007	0.011	14	1.7	
19047TNL	08/28/2019 16:01:03	16:06:02	0.012	0.020	11	2.2	
19047TNL	08/28/2019 16:06:49	16:11:48	0.010	0.017	11	2.3	
19047TNN	08/28/2019 16:25:07	16:26:06	0.007	0.011	15	1.4	
19047TNN	08/28/2019 16:26:36	16:28:26	0.009	0.013	15	1.4	
19047TNN	08/28/2019 16:29:20	16:30:40	0.009	0.014	15	1.4	

GPSID	UTC Start	UTC End	Horz Prec	Vert Prec	# of SV's	PDOP	Reject
19047TNN	08/28/2019 16:45:26	16:48:25	0.007	0.011	16	1.2	
19047TNN	08/28/2019 16:49:12	16:52:11	0.006	0.010	16	1.2	
19047TNO	08/28/2019 16:57:42	17:00:41	0.005	0.008	15	1.4	
19047TNO	08/28/2019 17:01:31	17:04:30	0.005	0.008	14	1.5	
19047TNT	08/28/2019 18:23:52	18:26:51	0.013	0.014	12	1.4	
19047TNT	08/28/2019 18:28:00	18:30:59	0.008	0.011	13	1.5	
19047TNU	08/28/2019 18:39:08	18:42:07	0.008	0.010	12	1.5	
19047TNU	08/28/2019 18:42:52	18:45:51	0.008	0.010	12	1.5	
19047TNV	08/28/2019 19:01:48	19:04:47	0.010	0.011	13	1.4	
19047TNV	08/28/2019 19:05:21	19:08:20	0.007	0.008	11	1.8	
19047TNW	08/28/2019 19:19:02	19:22:01	0.006	0.007	12	1.7	
19047TNW	08/28/2019 19:22:26	19:25:25	0.006	0.008	11	1.9	
19047TNX	08/28/2019 19:38:11	19:41:10	0.004	0.006	14	1.5	
19047TNX	08/28/2019 19:43:44	19:46:43	0.004	0.006	14	1.5	
19047TNY	08/28/2019 20:05:56	20:08:55	0.004	0.009	13	1.7	
19047TNY	08/28/2019 20:09:21	20:12:20	0.004	0.009	11	1.8	
19047TNZ	08/28/2019 20:23:13	20:26:12	0.004	0.009	12	1.6	
19047TNZ	08/28/2019 20:28:09	20:31:08	0.004	0.009	12	1.8	
19047TNZ	08/28/2019 20:32:24	20:35:23	0.004	0.009	11	1.8	
19047TOA	08/28/2019 20:42:20	20:45:19	0.003	0.006	12	1.5	
19047TOA	08/28/2019 20:47:33	20:50:32	0.003	0.006	12	1.5	
19047TOB	08/28/2019 21:01:24	21:04:23	0.003	0.004	13	1.4	
19047TOB	08/28/2019 21:06:16	21:09:15	0.003	0.005	12	1.6	
19047TOC	08/28/2019 21:18:37	21:21:36	0.005	0.007	11	1.6	
19047TOD	08/28/2019 21:29:09	21:34:08	0.018	0.021	11	1.7	
19047TOD	08/28/2019 21:35:20	21:40:19	0.011	0.017	8	5.7	
19047TOE	08/28/2019 21:48:52	21:51:51	0.003	0.004	10	1.9	
19047TOE	08/28/2019 21:52:36	21:55:35	0.003	0.004	11	1.6	
19047TOF	08/28/2019 22:09:26	22:12:25	0.005	0.007	11	1.9	
19047TOF	08/28/2019 22:14:06	22:17:05	0.005	0.007	12	1.4	
19047TOG	08/28/2019 22:25:03	22:28:02	0.005	0.007	12	1.5	
19047TOG	08/28/2019 22:30:09	22:33:08	0.005	0.007	12	1.5	
19047TOH	08/28/2019 22:44:37	22:47:36	0.005	0.008	14	1.4	
19047TOH	08/28/2019 22:48:47	22:51:46	0.005	0.008	14	1.4	
19047TOI	08/28/2019 23:00:47	23:03:46	0.005	0.008	14	1.5	
19047TOI	08/28/2019 23:04:19	23:07:18	0.005	0.008	15	1.4	
19047TOJ	08/28/2019 23:12:07	23:15:06	0.005	0.008	16	1.4	
19047TOJ	08/28/2019 23:16:03	23:19:02	0.006	0.008	14	1.6	
19047TOK	08/28/2019 23:27:39	23:30:38	0.006	0.008	17	1.3	
19047TOK	08/28/2019 23:32:57	23:35:56	0.006	0.008	18	1.2	
19047TOL	08/28/2019 23:57:34	00:00:33	0.006	0.009	15	1.5	
19047TOL	08/29/2019 00:02:47	00:05:46	0.006	0.009	16	1.4	
19047TOM	08/29/2019 12:42:27	12:45:26	0.006	0.007	15	1.4	
19047TOM	08/29/2019 12:46:00	12:48:59	0.006	0.007	15	1.4	
19047TON	08/29/2019 12:56:42	12:59:41	0.006	0.007	16	1.2	
19047TON	08/29/2019 13:00:15	13:03:14	0.006	0.008	14	1.3	
SM0016	08/29/2019 13:05:27	13:08:26	0.005	0.007	14	1.3	
19047TOO	08/29/2019 13:13:32	13:16:31	0.005	0.007	14	1.4	
19047TOO	08/29/2019 13:16:55	13:19:54	0.006	0.008	13	1.5	
19047TOP	08/29/2019 13:29:29	13:32:29	0.004	0.005	16	1.3	
19047TOP	08/29/2019 13:34:01	13:37:00	0.004	0.005	16	1.3	
19047TOQ	08/29/2019 13:51:05	13:54:04	0.006	0.008	17	1.2	
19047TOQ	08/29/2019 13:54:44	13:57:45	0.006	0.008	5	2.9	
19047TOR	08/29/2019 14:05:39	14:08:38	0.004	0.006	16	1.2	
19047TOR	08/29/2019 14:09:32	14:12:31	0.005	0.007	16	1.2	
19047TOS	08/29/2019 14:19:04	14:22:03	0.004	0.006	14	1.5	
19047TOS	08/29/2019 14:23:02	14:26:01	0.004	0.006	12	1.8	
19047TOT	08/29/2019 14:40:35	14:43:34	0.005	0.007	14	1.5	
19047TOT	08/29/2019 14:44:17	14:47:16	0.005	0.007	14	1.5	
19047TOU	08/29/2019 14:54:40	14:57:39	0.005	0.007	15	1.4	
19047TOU	08/29/2019 14:58:25	15:01:24	0.005	0.007	14	1.4	
19047TOV	08/29/2019 15:09:10	15:12:09	0.006	0.008	16	1.3	
19047TOV	08/29/2019 15:14:50	15:17:49	0.008	0.012	15	1.4	
19047TOW	08/29/2019 15:26:36	15:29:35	0.008	0.009	14	1.5	
19047TOW	08/29/2019 15:30:54	15:33:53	0.009	0.011	13	1.5	
19047TOX	08/29/2019 15:38:03	15:41:02	0.009	0.012	13	1.6	
19047TOX	08/29/2019 15:43:27	15:46:26	0.007	0.010	13	1.6	
19047TOY	08/29/2019 16:00:12	16:03:11	0.007	0.011	13	2.0	
19047TOY	08/29/2019 16:08:43	16:11:42	0.007	0.012	13	2.0	
19047TOZ	08/29/2019 16:18:45	16:21:44	0.007	0.014	14	1.5	
19047TOZ	08/29/2019 16:22:25	16:25:24	0.007	0.014	13	1.6	
19047TPA	08/29/2019 16:32:15	16:35:15	0.006	0.012	13	1.6	
19047TPA	08/29/2019 16:38:52	16:41:51	0.006	0.013	13	1.6	

GPSID	UTC Start	UTC End	Horz Prec	Vert Prec	# of SV's	PDOP	Reject
19047TPB	08/29/2019 16:54:27	16:57:26	0.007	0.017	12	2.1	
19047TPB	08/29/2019 16:58:58	17:01:57	0.007	0.017	13	1.6	
19047TPC	08/29/2019 17:10:27	17:13:26	0.008	0.018	12	2.0	
19047TPC	08/29/2019 17:14:38	17:17:37	0.008	0.017	12	2.0	
19047TPD	08/29/2019 17:23:41	17:26:40	0.011	0.021	11	1.9	
19047TPD	08/29/2019 17:27:09	17:30:08	0.011	0.020	11	1.8	
19047TPE	08/29/2019 17:40:06	17:43:05	0.008	0.013	11	1.6	
19047TPE	08/29/2019 17:43:37	17:46:54	0.008	0.012	11	1.6	
19047TPF	08/29/2019 17:56:26	17:59:25	0.014	0.023	11	1.8	
19047TPF	08/29/2019 17:59:56	18:01:24	0.013	0.023	11	1.8	
19047TPG	08/29/2019 18:10:51	18:13:50	0.008	0.012	10	1.8	
19047TPG	08/29/2019 18:14:54	18:17:53	0.006	0.008	11	1.6	
19047TPH	08/29/2019 18:31:50	18:34:49	0.007	0.009	11	1.5	
19047TPI	08/29/2019 18:38:05	18:43:04	0.005	0.006	15	1.6	
19047TPI	08/29/2019 18:43:33	18:48:32	0.017	0.007	15	1.5	
19047TPJ	08/29/2019 19:06:26	19:09:25	0.004	0.005	12	1.6	
19047TPJ	08/29/2019 19:10:00	19:12:59	0.004	0.005	12	1.6	
19047TPK	08/29/2019 19:23:28	19:26:27	0.003	0.004	10	2.0	
19047TPK	08/29/2019 19:27:19	19:30:18	0.002	0.004	9	2.2	
19047TPL	08/29/2019 19:47:10	19:50:09	0.003	0.005	12	1.6	
19047TPL	08/29/2019 19:51:23	19:54:22	0.002	0.005	12	1.6	
19047TPM	08/29/2019 20:05:47	20:07:13	0.005	0.012	11	1.6	
19047TPM	08/29/2019 20:07:55	20:09:48	0.005	0.011	7	2.8	
19047TPM	08/29/2019 20:13:50	20:16:49	0.004	0.009	11	2.5	
19047TPN	08/29/2019 20:20:40	20:25:39	0.009	0.025	11	3.6	
19047TPN	08/29/2019 20:28:13	20:33:27	0.005	0.013	11	4.1	
19047TPO	08/29/2019 20:41:03	20:44:02	0.005	0.009	11	1.8	
19047TPO	08/29/2019 20:44:52	20:47:51	0.005	0.009	11	1.7	
19047TPP	08/29/2019 20:53:28	20:56:27	0.004	0.007	13	1.4	
19047TPP	08/29/2019 20:57:01	21:00:00	0.004	0.007	13	1.4	
19047TPQ	08/29/2019 21:06:15	21:09:14	0.005	0.007	13	1.5	
19047TPQ	08/29/2019 21:10:15	21:13:14	0.005	0.007	12	1.6	
19047TPR	08/29/2019 21:23:32	21:26:31	0.005	0.006	13	1.4	
19047TPR	08/29/2019 21:27:09	21:30:08	0.005	0.006	12	1.4	
19047TPS	08/29/2019 21:40:08	21:43:07	0.003	0.004	13	1.4	
19047TPS	08/29/2019 21:46:52	21:49:51	0.004	0.004	13	1.5	
19047TPT	08/29/2019 22:00:41	22:03:41	0.007	0.008	12	1.9	
19047TPT	08/29/2019 22:04:26	22:07:25	0.006	0.008	13	1.4	
19047TPU	08/29/2019 22:17:55	22:20:54	0.006	0.008	13	1.4	
19047TPU	08/29/2019 22:21:53	22:24:52	0.008	0.011	13	1.5	
19047TPV	08/29/2019 22:32:47	22:35:46	0.006	0.008	13	1.5	
19047TPV	08/29/2019 22:37:08	22:40:07	0.007	0.010	13	1.5	
SM0388	08/29/2019 22:41:56	22:44:55	0.005	0.008	13	1.5	
19047JFK	09/27/2019 19:06:44	19:09:43	0.006	0.008	13	1.6	
19047JFK	09/27/2019 19:10:01	19:13:00	0.006	0.008	11	1.8	
19047JFL	09/27/2019 19:18:36	19:21:35	0.006	0.008	12	1.6	
19047JFL	09/27/2019 19:22:00	19:24:59	0.006	0.008	12	1.6	
19047JFM	09/27/2019 19:37:45	19:40:44	0.005	0.006	14	1.3	
19047JFM	09/27/2019 19:41:00	19:44:01	0.005	0.007	7	2.2	
19047JFN	09/27/2019 19:47:17	19:50:23	0.005	0.007	13	1.4	
19047JFN	09/27/2019 19:51:24	19:54:23	0.005	0.007	13	1.4	
19047JFO	09/27/2019 20:01:40	20:04:39	0.004	0.005	13	1.5	
19047JFO	09/27/2019 20:05:04	20:08:04	0.004	0.006	12	1.4	
19047JFP	09/27/2019 20:12:32	20:15:31	0.003	0.004	14	1.3	
19047JFP	09/27/2019 20:15:49	20:18:48	0.004	0.005	12	1.4	
19047JFQ	09/27/2019 20:27:05	20:30:04	0.004	0.006	13	1.4	
19047JFQ	09/27/2019 20:30:20	20:33:19	0.004	0.006	12	1.5	
19047JFR	09/27/2019 20:45:11	20:48:10	0.005	0.007	14	1.4	
19047JFR	09/27/2019 20:48:58	20:51:57	0.005	0.007	15	1.3	
19047JFS	09/27/2019 21:01:33	21:04:32	0.004	0.007	15	1.4	
19047JFS	09/27/2019 21:04:56	21:07:55	0.004	0.007	14	1.5	
19047JFT	09/27/2019 21:13:22	21:16:21	0.005	0.008	16	1.3	
19047JFT	09/27/2019 21:17:07	21:20:06	0.005	0.007	16	1.4	
19047JFU	09/27/2019 21:27:03	21:30:02	0.005	0.007	17	1.3	
19047JFU	09/27/2019 21:30:38	21:33:37	0.004	0.007	15	1.4	
19047JFV	09/27/2019 21:45:37	21:48:03	0.006	0.008	15	1.5	
19047JFV	09/27/2019 21:48:31	21:49:27	0.007	0.010	7	2.2	
19047JFW	09/27/2019 22:05:47	22:08:46	0.007	0.010	15	1.3	
19047JFW	09/27/2019 22:09:26	22:12:25	0.006	0.008	16	1.3	
19047JFX	09/27/2019 22:16:42	22:19:41	0.006	0.009	16	1.3	
19047JFX	09/27/2019 22:20:11	22:23:10	0.008	0.012	15	1.3	
19047JFY	09/27/2019 22:32:46	22:35:45	0.008	0.011	16	1.2	
19047JFY	09/27/2019 22:36:13	22:39:12	0.006	0.008	15	1.3	

GPSID	UTC Start	UTC End	Horz Prec	Vert Prec	# of SV's	PDOP	Reject
19047JFZ	09/27/2019 22:46:29	22:49:28	0.006	0.008	14	1.4	
19047JFZ	09/27/2019 22:49:48	22:52:47	0.006	0.008	13	1.5	
19047JGA	09/27/2019 22:59:18	23:02:17	0.005	0.006	16	1.4	
19047JGA	09/27/2019 23:03:35	23:06:35	0.006	0.008	17	1.3	
19047JGB	09/27/2019 23:17:17	23:20:16	0.006	0.007	17	1.3	
19047JGB	09/27/2019 23:20:33	23:23:32	0.005	0.006	12	1.7	
19047JGC	09/27/2019 23:36:26	23:39:25	0.007	0.009	16	1.3	
19047JGC	09/27/2019 23:39:43	23:42:42	0.006	0.008	13	1.7	
19047JGD	09/28/2019 12:16:34	12:19:33	0.005	0.008	13	1.6	
19047JGD	09/28/2019 12:20:03	12:23:02	0.006	0.009	14	1.5	
19047JGE	09/28/2019 12:29:10	12:32:09	0.006	0.009	15	1.4	
19047JGE	09/28/2019 12:32:31	12:35:30	0.006	0.009	15	1.4	
19047JGF	09/28/2019 12:57:08	13:00:07	0.006	0.009	15	1.3	
19047JGF	09/28/2019 13:00:37	13:03:36	0.006	0.008	12	1.9	
19047JGG	09/28/2019 13:12:16	13:15:15	0.006	0.008	15	1.4	
19047JGG	09/28/2019 13:15:30	13:18:29	0.006	0.008	15	1.3	
19047JGH	09/28/2019 13:29:52	13:32:51	0.006	0.007	16	1.3	
19047JGH	09/28/2019 13:35:04	13:38:03	0.005	0.007	16	1.3	
19047JGI	09/28/2019 13:47:06	13:50:05	0.007	0.008	14	1.7	
19047JGI	09/28/2019 13:50:26	13:53:25	0.007	0.009	14	1.8	
19047JGJ	09/28/2019 14:01:10	14:04:09	0.006	0.009	14	1.8	
19047JGJ	09/28/2019 14:04:24	14:07:23	0.006	0.008	14	1.8	
19047JGK	09/28/2019 14:14:38	14:17:37	0.005	0.008	14	1.5	
19047JGK	09/28/2019 14:17:53	14:20:52	0.007	0.010	14	1.5	
19047JGL	09/28/2019 14:26:55	14:29:54	0.005	0.008	15	1.4	
19047JGL	09/28/2019 14:30:11	14:33:10	0.005	0.008	7	1.9	
19047JGM	09/28/2019 14:40:49	14:43:48	0.006	0.010	18	1.2	
19047JGM	09/28/2019 14:45:53	14:47:59	0.006	0.010	18	1.2	
19047JGN	09/28/2019 14:54:49	14:57:48	0.006	0.010	15	1.5	
19047JGN	09/28/2019 14:58:06	15:01:05	0.006	0.011	15	1.5	
19047JGO	09/28/2019 15:07:25	15:10:24	0.006	0.012	15	1.5	
19047JGO	09/28/2019 15:10:45	15:13:44	0.006	0.012	15	1.5	
19047JGP	09/28/2019 15:26:07	15:29:06	0.007	0.015	14	1.5	
19047JGP	09/28/2019 15:29:26	15:32:25	0.006	0.011	11	2.1	
19047JGQ	09/28/2019 15:36:48	15:39:47	0.007	0.014	14	1.4	
19047JGQ	09/28/2019 15:40:08	15:43:07	0.006	0.012	13	1.4	
19047JGR	09/28/2019 15:49:36	15:52:35	0.006	0.012	13	2.0	
19047JGR	09/28/2019 15:52:50	15:55:50	0.010	0.020	11	2.1	
19047JGS	09/28/2019 16:02:37	16:05:36	0.006	0.010	13	1.5	
19047JGS	09/28/2019 16:05:57	16:08:56	0.006	0.009	13	1.5	
19047JGT	09/28/2019 16:18:06	16:21:05	0.007	0.009	15	1.2	
19047JGT	09/28/2019 16:21:20	16:24:19	0.007	0.010	13	1.6	
19047JGU	09/28/2019 16:48:29	16:51:28	0.008	0.009	8	1.9	
19047JGU	09/28/2019 16:51:48	16:54:47	0.007	0.009	13	1.5	
19047JGV	09/28/2019 17:08:10	17:11:09	0.007	0.008	13	1.5	
19047JGV	09/28/2019 17:11:34	17:14:33	0.008	0.010	12	1.7	
19047JGW	09/28/2019 17:20:38	17:23:37	0.006	0.008	15	1.4	
19047JGW	09/28/2019 17:24:06	17:27:05	0.006	0.008	14	1.5	
19047JGY	09/28/2019 17:50:58	17:53:57	0.005	0.010	13	1.7	
19047JGY	09/28/2019 17:54:16	17:57:16	0.005	0.010	10	1.9	
19047JGZ	09/28/2019 18:04:31	18:07:30	0.004	0.008	13	1.5	
19047JGZ	09/28/2019 18:07:50	18:10:49	0.005	0.011	11	1.6	
19047JHA	09/28/2019 18:16:12	18:19:11	0.004	0.008	13	1.4	
19047JHA	09/28/2019 18:19:30	18:22:29	0.005	0.009	11	1.5	
19047JHB	09/28/2019 18:28:20	18:31:19	0.004	0.007	13	1.5	
19047JHB	09/28/2019 18:31:36	18:34:35	0.004	0.007	11	1.6	
19047JHC	09/28/2019 18:44:41	18:47:40	0.003	0.005	13	1.5	
19047JHC	09/28/2019 18:48:00	18:50:59	0.003	0.004	12	1.5	
19047JHD	09/28/2019 18:55:57	18:58:56	0.003	0.003	7	2.1	
19047JHD	09/28/2019 18:59:12	19:02:12	0.003	0.003	5	2.8	
19047JHE	09/28/2019 19:11:42	19:14:41	0.007	0.008	10	1.9	
19047JHE	09/28/2019 19:15:01	19:18:00	0.007	0.008	9	2.4	
19047JHF	09/28/2019 19:24:53	19:27:52	0.007	0.009	11	1.6	
19047JHF	09/28/2019 19:28:09	19:31:08	0.007	0.009	9	2.3	
19047JHG	09/28/2019 19:35:28	19:38:27	0.007	0.010	12	1.5	
19047JHG	09/28/2019 19:38:46	19:41:45	0.007	0.010	12	1.6	
19047JHH	09/28/2019 20:00:19	20:03:18	0.007	0.010	11	2.2	
19047JHH	09/28/2019 20:03:33	20:06:33	0.007	0.011	5	3.5	
19047JHI	09/28/2019 20:13:26	20:16:25	0.008	0.015	12	1.9	
19047JHI	09/28/2019 20:16:43	20:19:42	0.007	0.010	9	2.2	
19047JHJ	09/28/2019 20:24:43	20:27:42	0.006	0.009	12	1.6	
19047JHJ	09/28/2019 20:28:05	20:31:04	0.006	0.009	12	1.7	
19047JHK	09/28/2019 20:37:25	20:40:24	0.006	0.009	13	1.6	

GPSID	UTC Start	UTC End	Horz Prec	Vert Prec	# of SV's	PDOP	Reject
19047JHK	09/28/2019 20:40:42	20:43:43	0.007	0.010	7	2.4	
19047JHL	09/28/2019 20:50:47	20:53:46	0.006	0.009	14	1.5	
19047JHL	09/28/2019 20:54:11	20:57:10	0.006	0.008	12	1.6	
19047JHM	09/28/2019 21:07:47	21:10:46	0.005	0.007	15	1.3	
19047JHM	09/28/2019 21:11:19	21:14:18	0.006	0.009	14	1.4	
19047JHN	09/28/2019 21:20:12	21:23:11	0.005	0.007	15	1.3	
19047JHN	09/28/2019 21:23:26	21:26:25	0.006	0.008	13	1.4	
19047JHO	09/28/2019 21:34:43	21:37:42	0.006	0.009	14	1.4	
19047JHO	09/28/2019 21:38:27	21:41:26	0.007	0.010	14	1.4	
19047JHP	09/28/2019 21:48:24	21:51:23	0.007	0.009	12	1.7	
19047JHP	09/28/2019 21:51:59	21:54:58	0.006	0.009	13	1.5	
19047JHQ	09/28/2019 22:15:51	22:18:50	0.006	0.009	12	1.8	
19047JHQ	09/28/2019 22:19:13	22:22:13	0.006	0.008	6	3.2	
19047JHR	09/28/2019 22:31:12	22:34:11	0.006	0.008	14	1.4	
19047JHR	09/28/2019 22:34:32	22:37:31	0.005	0.007	10	1.8	
19047JHS	09/28/2019 22:47:45	22:50:44	0.005	0.007	15	1.4	
19047JHS	09/28/2019 22:51:07	22:54:06	0.005	0.006	16	1.4	
19047JHT	09/28/2019 23:03:49	23:06:48	0.005	0.006	18	1.3	
19047JHT	09/28/2019 23:07:05	23:10:04	0.006	0.008	16	1.3	
19047JHU	09/28/2019 23:17:02	23:20:01	0.005	0.007	18	1.3	
19047JHU	09/28/2019 23:20:20	23:23:19	0.005	0.007	17	1.4	
19047JHV	09/28/2019 23:33:11	23:36:10	0.005	0.008	16	1.4	
19047JHV	09/28/2019 23:36:29	23:39:28	0.005	0.008	15	1.7	
19047JHW	09/29/2019 13:50:07	13:53:06	0.004	0.006	14	1.8	
19047JHW	09/29/2019 13:53:23	13:56:22	0.004	0.006	13	1.8	
19047JIB	09/29/2019 15:09:01	15:12:00	0.005	0.011	14	1.6	
19047JIB	09/29/2019 15:12:21	15:15:20	0.009	0.017	13	1.6	
19047JIC	09/29/2019 15:24:45	15:27:44	0.006	0.011	14	1.5	
19047JIC	09/29/2019 15:28:05	15:31:04	0.006	0.011	13	1.5	
19047JID	09/29/2019 15:43:45	15:46:44	0.006	0.012	13	1.4	
19047JID	09/29/2019 15:47:47	15:50:46	0.007	0.012	11	2.1	
19047JIE	09/29/2019 16:00:50	16:03:49	0.006	0.010	11	1.9	
19047JIE	09/29/2019 16:04:25	16:07:24	0.006	0.010	11	1.8	
19047JIF	09/29/2019 16:13:12	16:16:11	0.008	0.011	11	1.8	
19047JIF	09/29/2019 16:16:27	16:19:27	0.008	0.010	5	5.0	
19047JIG	09/29/2019 16:22:58	16:25:57	0.018	0.023	9	2.0	
19047JIG	09/29/2019 16:26:22	16:29:24	0.014	0.018	9	2.0	
19047JIH	09/29/2019 16:51:02	16:54:01	0.007	0.008	11	1.5	
19047JIH	09/29/2019 16:54:44	16:57:43	0.009	0.011	13	1.4	
19047JII	09/29/2019 17:06:44	17:09:43	0.007	0.008	13	1.6	
19047JII	09/29/2019 17:10:05	17:13:04	0.007	0.008	11	1.8	
19047JIJ	09/29/2019 17:21:05	17:24:04	0.006	0.009	14	1.5	
19047JIJ	09/29/2019 17:24:39	17:27:38	0.006	0.009	14	1.5	
19047JIK	09/29/2019 17:36:47	17:39:46	0.006	0.011	14	1.6	
19047JIK	09/29/2019 17:40:09	17:43:08	0.007	0.014	10	2.4	
19047JIL	09/29/2019 17:54:18	17:57:17	0.006	0.013	13	1.7	
19047JIL	09/29/2019 17:59:22	18:02:21	0.006	0.013	10	2.0	
19047JIM	09/29/2019 18:06:06	18:09:05	0.006	0.013	12	2.1	
19047JIM	09/29/2019 18:09:27	18:12:26	0.009	0.021	10	2.2	
19047JIN	09/29/2019 18:28:44	18:31:43	0.006	0.011	12	1.6	
19047JIN	09/29/2019 18:32:01	18:35:00	0.004	0.007	7	2.1	
19047JIO	09/29/2019 18:41:21	18:44:20	0.004	0.006	11	1.7	
19047JIO	09/29/2019 18:45:33	18:48:32	0.004	0.006	11	1.6	
19047JIP	09/29/2019 18:59:40	19:02:39	0.005	0.007	10	1.7	
19047JIP	09/29/2019 19:02:55	19:05:54	0.006	0.008	4	3.8	
19047JIQ	09/29/2019 19:13:28	19:16:34	0.005	0.007	11	1.5	
19047JIQ	09/29/2019 19:16:50	19:19:49	0.005	0.007	11	1.5	
19047JIR	09/29/2019 19:32:07	19:35:06	0.008	0.009	11	1.7	
19047JIR	09/29/2019 19:35:59	19:38:58	0.007	0.009	10	1.9	
19047JIS	09/29/2019 19:50:05	19:53:04	0.006	0.008	12	1.8	
19047JIS	09/29/2019 19:53:55	19:56:54	0.009	0.012	11	1.9	
19047JIT	09/29/2019 20:07:39	20:10:38	0.007	0.010	12	1.5	
19047JIT	09/29/2019 20:11:10	20:14:09	0.005	0.008	12	1.5	
19047JIU	09/29/2019 20:18:16	20:21:15	0.005	0.008	11	1.7	
19047JIU	09/29/2019 20:23:50	20:26:49	0.005	0.008	11	1.7	
19047JIV	09/29/2019 20:43:26	20:46:25	0.003	0.006	14	1.5	
19047JIV	09/29/2019 20:46:43	20:49:42	0.003	0.005	8	2.1	
19047JIW	09/29/2019 20:56:25	20:59:24	0.003	0.004	15	1.4	
19047JIW	09/29/2019 20:59:46	21:02:45	0.003	0.004	16	1.3	
19047JIX	09/29/2019 21:09:11	21:12:10	0.003	0.004	16	1.4	
19047JIX	09/29/2019 21:12:28	21:15:27	0.004	0.006	14	1.6	
19047JIY	09/29/2019 21:27:43	21:30:42	0.004	0.005	16	1.3	
19047JIY	09/29/2019 21:31:04	21:34:03	0.004	0.005	14	1.7	

GPSID	UTC Start	UTC End	Horz Prec	Vert Prec	# of SV's	PDOP	Reject
19047JIZ	09/29/2019 21:45:57	21:48:56	0.005	0.008	14	1.6	
19047JIZ	09/29/2019 21:49:13	21:52:12	0.006	0.008	12	1.8	
19047JJA	09/29/2019 21:57:39	22:00:38	0.006	0.009	13	1.7	
19047JJA	09/29/2019 22:01:29	22:04:28	0.007	0.011	13	1.6	
19047JJB	09/29/2019 22:17:04	22:20:03	0.006	0.010	14	1.4	
19047JJB	09/29/2019 22:20:36	22:23:35	0.006	0.009	15	1.3	
19047JJC	09/29/2019 22:29:19	22:32:18	0.006	0.009	14	1.4	
19047JJC	09/29/2019 22:32:42	22:35:41	0.006	0.009	13	1.5	
19047JJE	09/29/2019 22:53:35	22:56:34	0.007	0.008	17	1.2	
19047JJE	09/29/2019 22:56:54	22:59:53	0.006	0.007	18	1.2	
19047JJF	09/29/2019 23:10:00	23:12:59	0.006	0.008	17	1.3	
19047JJF	09/29/2019 23:13:18	23:16:17	0.006	0.008	15	1.4	
19047JJG	09/30/2019 12:52:56	12:55:55	0.005	0.008	11	1.6	
19047JJG	09/30/2019 12:56:17	12:59:16	0.005	0.008	15	1.3	
19047JJH	09/30/2019 13:41:09	13:44:08	0.007	0.010	14	1.7	
19047JJH	09/30/2019 13:45:50	13:48:49	0.007	0.010	14	1.7	
19047JJI	09/30/2019 14:00:35	14:03:34	0.006	0.009	14	1.8	
19047JJI	09/30/2019 14:04:00	14:06:59	0.011	0.016	15	1.4	
19047JJJ	09/30/2019 14:16:31	14:19:32	0.005	0.009	13	1.6	
19047JJJ	09/30/2019 14:19:52	14:22:54	0.006	0.009	12	1.6	
19047JJK	09/30/2019 14:36:20	14:39:19	0.005	0.008	14	1.4	
19047JJK	09/30/2019 14:39:36	14:42:35	0.006	0.011	14	1.4	
19047JJL	09/30/2019 14:46:59	14:49:58	0.005	0.009	13	1.7	
19047JJL	09/30/2019 14:50:17	14:53:16	0.005	0.010	13	1.7	
19047JJM	09/30/2019 15:00:20	15:03:19	0.004	0.008	13	1.7	
19047JJM	09/30/2019 15:03:37	15:06:36	0.006	0.011	7	2.5	
19047JJN	09/30/2019 15:21:49	15:24:48	0.004	0.008	12	1.6	
19047JJN	09/30/2019 15:25:09	15:28:08	0.007	0.013	12	1.6	
19047JJO	09/30/2019 15:37:45	15:40:44	0.006	0.011	12	1.5	
19047JJO	09/30/2019 15:41:07	15:44:06	0.006	0.012	11	1.8	
19047JJP	09/30/2019 15:47:17	15:50:16	0.006	0.012	12	1.8	
19047JJP	09/30/2019 15:50:36	15:53:35	0.008	0.015	12	1.7	
19047JJQ	09/30/2019 16:12:27	16:15:26	0.006	0.009	13	1.3	
19047JJQ	09/30/2019 16:17:51	16:20:50	0.007	0.008	12	1.4	
19047JJR	09/30/2019 16:29:08	16:32:07	0.009	0.011	12	1.5	
19047JJR	09/30/2019 16:32:26	16:35:25	0.006	0.007	10	1.5	
19047JJS	09/30/2019 17:16:06	17:19:05	0.005	0.006	14	1.3	
19047JJS	09/30/2019 17:19:25	17:22:24	0.005	0.007	6	2.7	
19047JJT	09/30/2019 17:26:57	17:29:56	0.004	0.006	14	1.4	
19047JJT	09/30/2019 17:30:18	17:33:17	0.006	0.010	11	1.9	
19047JJU	09/30/2019 17:36:14	17:39:13	0.004	0.008	13	1.5	
19047JJU	09/30/2019 17:39:31	17:42:30	0.004	0.008	11	2.0	
19047JJV	09/30/2019 17:47:28	17:50:27	0.005	0.011	12	1.6	
19047JJV	09/30/2019 17:51:23	17:54:22	0.005	0.012	11	2.8	
19047JJW	09/30/2019 18:10:39	18:13:38	0.006	0.012	11	2.3	
19047JJW	09/30/2019 18:14:00	18:16:59	0.005	0.011	10	2.3	
19047JJX	09/30/2019 18:21:58	18:24:57	0.005	0.010	12	1.8	
19047JJX	09/30/2019 18:25:16	18:28:15	0.005	0.010	11	1.8	
19047JJY	09/30/2019 18:33:38	18:36:37	0.005	0.009	12	1.6	
19047JJY	09/30/2019 18:36:57	18:39:56	0.005	0.008	12	1.6	
19047JJZ	09/30/2019 18:54:20	18:57:19	0.010	0.014	12	1.6	
19047JJZ	09/30/2019 18:57:37	19:00:36	0.007	0.010	10	1.7	
19047JKA	09/30/2019 19:09:40	19:12:39	0.006	0.008	12	1.5	
19047JKA	09/30/2019 19:12:54	19:15:53	0.006	0.008	7	1.9	
19047JKB	09/30/2019 19:23:17	19:26:16	0.007	0.008	14	1.3	
19047JKB	09/30/2019 19:26:30	19:29:29	0.007	0.008	11	1.5	
19047JKC	09/30/2019 19:43:04	19:46:03	0.008	0.010	12	1.7	
19047JKC	09/30/2019 19:46:19	19:49:18	0.008	0.010	7	2.2	
19047JKD	09/30/2019 19:52:30	19:55:29	0.007	0.009	13	1.7	
19047JKD	09/30/2019 19:55:44	19:58:43	0.007	0.010	13	1.3	
19047JKE	09/30/2019 20:12:36	20:15:35	0.008	0.011	13	1.5	
19047JKE	09/30/2019 20:15:51	20:18:50	0.006	0.009	12	1.5	
19047JKF	09/30/2019 20:34:23	20:37:22	0.005	0.008	11	1.9	
19047JKF	09/30/2019 20:37:37	20:39:28	0.006	0.009	8	2.1	
19047JKG	09/30/2019 20:55:12	20:58:11	0.005	0.008	16	1.3	
19047JKG	09/30/2019 20:59:46	21:02:45	0.005	0.008	15	1.3	
19047JKH	09/30/2019 21:18:52	21:21:51	0.006	0.008	16	1.2	
19047JKH	09/30/2019 21:22:03	21:25:10	0.006	0.008	14	1.5	
19047JKI	09/30/2019 21:32:58	21:35:57	0.007	0.009	14	1.5	
19047JKI	09/30/2019 21:36:13	21:39:12	0.007	0.009	13	1.6	
19047JKJ	09/30/2019 22:10:48	22:13:47	0.006	0.009	13	1.8	
19047JKJ	09/30/2019 22:14:06	22:17:05	0.007	0.011	13	1.6	
19047JKK	10/01/2019 12:41:27	12:44:26	0.010	0.015	14	1.4	

GPSID	UTC Start	UTC End	Horz Prec	Vert Prec	# of SV's	PDOP	Reject
19047JKK	10/01/2019 12:45:40	12:48:39	0.009	0.013	15	1.3	
19047JKL	10/01/2019 12:57:32	13:00:31	0.010	0.013	15	1.3	
19047JKL	10/01/2019 13:00:50	13:03:49	0.010	0.013	14	1.4	
19047JKM	10/01/2019 13:12:40	13:15:39	0.007	0.008	14	1.4	
19047JKM	10/01/2019 13:16:00	13:18:59	0.012	0.015	12	1.7	
19047JKN	10/01/2019 13:27:53	13:30:52	0.007	0.008	14	1.3	
19047JKN	10/01/2019 13:31:13	13:34:12	0.007	0.008	12	1.7	
19047JKO	10/01/2019 13:43:22	13:46:21	0.013	0.018	12	1.9	
19047JKO	10/01/2019 13:46:41	13:49:40	0.012	0.016	11	2.0	
19047JKP	10/01/2019 14:06:38	14:09:37	0.008	0.011	12	1.5	
19047JKP	10/01/2019 14:10:02	14:13:01	0.006	0.009	7	1.9	
19047JKQ	10/01/2019 14:27:56	14:30:55	0.006	0.009	13	1.4	
19047JKQ	10/01/2019 14:31:16	14:34:15	0.007	0.011	13	1.5	
19047JKR	10/01/2019 14:40:47	14:43:46	0.006	0.010	15	1.3	
19047JKR	10/01/2019 14:44:06	14:47:05	0.009	0.016	13	1.5	
19047JKS	10/01/2019 14:56:30	14:59:29	0.006	0.011	13	1.6	
19047JKS	10/01/2019 14:59:50	15:02:49	0.011	0.021	12	1.7	
19047JKT	10/01/2019 15:14:10	15:17:09	0.007	0.012	12	1.7	
19047JKT	10/01/2019 15:17:30	15:20:29	0.005	0.009	11	1.7	
19047JKU	10/01/2019 15:27:00	15:29:59	0.005	0.009	13	1.5	
19047JKU	10/01/2019 15:30:53	15:33:52	0.008	0.014	12	1.5	
19047JKV	10/01/2019 15:38:31	15:41:30	0.007	0.013	11	1.7	
19047JKV	10/01/2019 15:41:49	15:44:49	0.008	0.017	5	4.1	
19047JKW	10/01/2019 16:05:12	16:08:11	0.011	0.015	10	2.2	
19047JKW	10/01/2019 16:10:49	16:13:48	0.008	0.010	10	2.1	
19047JKX	10/01/2019 16:20:20	16:23:19	0.009	0.010	11	1.7	
19047JKX	10/01/2019 16:23:47	16:26:46	0.009	0.009	11	1.7	
19047JKY	10/01/2019 16:42:20	16:45:19	0.010	0.011	12	1.7	
19047JKY	10/01/2019 16:45:37	16:48:36	0.007	0.009	12	1.7	
19047JKZ	10/01/2019 17:16:22	17:19:21	0.006	0.009	12	1.7	
19047JKZ	10/01/2019 17:19:41	17:22:40	0.006	0.009	12	1.6	
19047JLA	10/01/2019 17:31:44	17:34:43	0.005	0.009	14	1.6	
19047JLA	10/01/2019 17:35:06	17:38:06	0.005	0.009	11	1.9	
19047JLB	10/01/2019 17:47:34	17:50:33	0.005	0.011	13	1.6	
19047JLB	10/01/2019 17:50:55	17:53:54	0.006	0.012	11	2.1	
19047JLC	10/01/2019 18:07:06	18:10:05	0.006	0.011	13	1.4	
19047JLC	10/01/2019 18:10:25	18:13:25	0.006	0.011	7	2.4	
19047JLD	10/01/2019 18:33:30	18:36:29	0.009	0.013	12	1.6	
19047JLD	10/01/2019 18:36:51	18:39:50	0.007	0.010	8	1.7	
19047JLE	10/01/2019 18:51:55	18:54:54	0.008	0.011	12	1.6	
19047JLE	10/01/2019 18:55:18	18:58:17	0.010	0.012	12	1.5	
19047JLF	10/01/2019 19:05:32	19:08:31	0.006	0.008	13	1.3	
19047JLF	10/01/2019 19:08:50	19:11:49	0.007	0.008	13	1.3	
19047JLG	10/01/2019 19:20:02	19:23:01	0.006	0.007	13	1.3	
19047JLG	10/01/2019 19:24:34	19:26:56	0.006	0.008	13	1.4	
19047JLH	10/01/2019 19:32:27	19:35:26	0.006	0.007	13	1.4	
19047JLH	10/01/2019 19:35:44	19:38:43	0.005	0.007	13	1.4	
19047JLI	10/01/2019 19:50:42	19:53:41	0.004	0.006	16	1.1	
19047JLI	10/01/2019 19:54:00	19:56:59	0.004	0.006	14	1.3	
19047JLJ	10/01/2019 20:06:38	20:09:37	0.002	0.004	13	1.5	
19047JLJ	10/01/2019 20:09:56	20:12:55	0.002	0.004	12	1.7	
19047JLK	10/01/2019 20:27:57	20:30:56	0.003	0.004	14	1.4	
19047JLK	10/01/2019 20:31:15	20:34:15	0.004	0.005	8	2.0	
19047JLL	10/01/2019 20:41:04	20:44:03	0.004	0.006	16	1.3	
19047JLL	10/01/2019 20:45:08	20:48:07	0.005	0.007	16	1.4	
19047JLM	10/01/2019 20:51:49	20:54:48	0.005	0.007	17	1.3	
19047JLM	10/01/2019 20:55:07	20:58:06	0.005	0.007	8	2.1	
19047JLN	10/01/2019 21:09:02	21:12:01	0.005	0.008	18	1.2	
19047JLN	10/01/2019 21:12:19	21:15:18	0.005	0.008	8	1.9	
19047JLP	10/01/2019 21:46:02	21:49:01	0.005	0.007	17	1.3	
19047JLP	10/01/2019 21:49:24	21:52:23	0.007	0.009	16	1.3	
19047JLQ	10/01/2019 22:03:20	22:06:19	0.006	0.009	15	1.5	
19047JLQ	10/01/2019 22:08:07	22:11:06	0.006	0.008	16	1.4	
19047JLR	10/01/2019 22:24:20	22:27:19	0.007	0.009	17	1.2	
19047JLR	10/01/2019 22:27:42	22:30:41	0.007	0.009	16	1.3	
19047JLS	10/01/2019 22:40:33	22:43:32	0.007	0.009	18	1.2	
19047JLS	10/01/2019 22:43:51	22:46:50	0.007	0.009	15	1.2	
19047JLT	10/01/2019 22:53:25	22:56:24	0.007	0.008	19	1.2	
19047JLT	10/01/2019 22:56:47	22:59:46	0.006	0.007	19	1.2	
19047JLV	10/01/2019 23:11:54	23:14:53	0.006	0.007	18	1.2	
19047JLV	10/01/2019 23:15:11	23:18:10	0.006	0.007	14	1.6	
19047JLV	10/01/2019 23:31:39	23:34:38	0.007	0.010	18	1.2	
19047JLV	10/01/2019 23:35:09	23:38:08	0.007	0.010	9	2.1	

GPSID	UTC Start	UTC End	Horz Prec	Vert Prec	# of SV's	PDOP	Reject
19047JLW	10/01/2019 23:45:40	23:48:39	0.006	0.008	18	1.2	
19047JLW	10/01/2019 23:48:55	23:51:54	0.006	0.008	17	1.3	
19047JLX	10/02/2019 13:07:33	13:08:45	0.004	0.005	13	1.4	
19047JLX	10/02/2019 13:11:38	13:14:37	0.003	0.004	14	1.4	
19047JLX	10/02/2019 13:15:00	13:18:00	0.004	0.005	7	2.0	
19047JLY	10/02/2019 13:25:20	13:28:19	0.006	0.008	15	1.3	
19047JLY	10/02/2019 13:28:38	13:31:37	0.007	0.008	13	1.6	
19047JLZ	10/02/2019 14:14:07	14:17:06	0.004	0.006	13	1.6	
19047JLZ	10/02/2019 14:17:23	14:20:22	0.004	0.006	11	1.8	
19047JMA	10/02/2019 14:25:53	14:28:52	0.005	0.009	13	1.7	
19047JMA	10/02/2019 14:29:35	14:32:34	0.005	0.009	13	1.7	
19047JMB	10/02/2019 14:56:38	14:59:37	0.005	0.011	13	1.7	
19047JMB	10/02/2019 15:00:31	15:03:30	0.005	0.011	13	1.6	
19047JMD	10/02/2019 15:22:50	15:25:49	0.006	0.011	13	1.4	
19047JMD	10/02/2019 15:26:18	15:29:17	0.006	0.011	14	1.3	
19047JME	10/02/2019 15:37:15	15:40:14	0.009	0.017	13	1.8	
19047JME	10/02/2019 15:40:37	15:43:36	0.007	0.013	11	2.3	
19047JMF	10/02/2019 15:56:19	15:59:18	0.008	0.011	14	1.3	
19047JMF	10/02/2019 15:59:36	16:02:36	0.008	0.010	9	1.7	
19047JMG	10/02/2019 16:09:07	16:12:06	0.011	0.013	12	1.7	
19047JMG	10/02/2019 16:12:22	16:15:23	0.009	0.010	5	2.4	
19047JMH	10/02/2019 16:20:02	16:23:01	0.010	0.011	13	1.4	
19047JMH	10/02/2019 16:23:19	16:26:19	0.008	0.009	10	1.6	
19047JMI	10/02/2019 16:39:53	16:42:52	0.010	0.011	12	1.6	
19047JMI	10/02/2019 16:43:15	16:46:14	0.007	0.008	12	1.6	
19047JMJ	10/02/2019 16:48:06	16:51:05	0.006	0.007	12	1.6	
19047JMJ	10/02/2019 16:51:21	16:54:20	0.006	0.007	10	2.1	
19047JMK	10/02/2019 17:06:15	17:09:14	0.004	0.006	15	1.3	
19047JMK	10/02/2019 17:09:41	17:12:40	0.005	0.006	15	1.3	
19047JML	10/02/2019 17:18:58	17:21:57	0.003	0.004	14	1.4	
19047JML	10/02/2019 17:22:11	17:25:11	0.003	0.004	6	3.0	
19047JMN	10/02/2019 17:49:06	17:52:05	0.004	0.007	13	1.6	
19047JMN	10/02/2019 17:53:06	17:56:05	0.003	0.005	13	1.6	
19047JMO	10/02/2019 18:04:01	18:07:00	0.004	0.008	13	1.5	
19047JMO	10/02/2019 18:07:43	18:10:42	0.004	0.008	13	1.4	
19047JMP	10/02/2019 18:23:19	18:26:18	0.004	0.007	13	1.7	
19047JMP	10/02/2019 18:26:35	18:29:34	0.004	0.006	11	1.7	
19047JMQ	10/02/2019 18:40:03	18:43:02	0.007	0.010	12	1.7	
19047JMQ	10/02/2019 18:43:18	18:46:18	0.006	0.008	8	1.7	
19047JMR	10/02/2019 18:54:42	18:57:49	0.005	0.007	13	1.5	
19047JMR	10/02/2019 18:58:04	19:01:04	0.005	0.007	12	1.7	
19047JMS	10/02/2019 19:11:50	19:14:49	0.006	0.008	14	1.4	
19047JMS	10/02/2019 19:15:11	19:18:10	0.006	0.008	14	1.4	
19047JMT	10/02/2019 19:36:19	19:39:18	0.004	0.006	13	1.6	
19047JMT	10/02/2019 19:40:05	19:43:04	0.004	0.006	14	1.5	
19047JMU	10/02/2019 20:03:55	20:06:54	0.006	0.008	15	1.3	
19047JMU	10/02/2019 20:08:00	20:10:59	0.006	0.008	15	1.4	
19047JMV	10/02/2019 20:23:35	20:26:34	0.008	0.010	11	1.8	
19047JMV	10/02/2019 20:26:54	20:29:53	0.009	0.013	7	2.3	
19047JMW	10/02/2019 20:38:19	20:41:18	0.006	0.010	13	1.7	
19047JMW	10/02/2019 20:42:32	20:45:31	0.006	0.010	14	1.6	
19047JMX	10/02/2019 20:49:04	20:52:03	0.006	0.010	14	1.7	
19047JMX	10/02/2019 20:52:21	20:55:20	0.006	0.009	13	1.8	
19047JMY	10/02/2019 20:58:52	21:01:51	0.006	0.009	15	1.5	
19047JMY	10/02/2019 21:02:07	21:05:07	0.007	0.010	7	2.5	
19047JMZ	10/02/2019 21:31:37	21:34:36	0.007	0.015	15	1.3	
19047JMZ	10/02/2019 21:34:55	21:37:54	0.007	0.009	11	1.6	
19047JNA	10/02/2019 21:52:48	21:55:47	0.006	0.008	14	1.4	
19047JNA	10/02/2019 21:56:10	21:59:09	0.006	0.008	14	1.4	
19047JNB	10/02/2019 22:03:45	22:06:44	0.009	0.012	11	2.0	
19047JNB	10/02/2019 22:07:01	22:10:00	0.009	0.012	12	1.7	
19047JNC	10/02/2019 22:18:32	22:21:31	0.007	0.009	14	1.5	
19047JNC	10/02/2019 22:22:23	22:25:22	0.008	0.010	14	1.6	
19047JND	10/02/2019 22:30:19	22:33:18	0.008	0.010	14	1.7	
19047JND	10/02/2019 22:33:34	22:36:33	0.009	0.012	14	1.7	
19047JGX	09/28/2019 17:32:51	17:35:50	0.006	0.009	15	1.6	
19047JGX	09/28/2019 17:36:12	17:39:25	0.005	0.007	12	2.4	
19047JJD	09/29/2019 22:38:07	22:38:42	0.011	0.015	18	1.2	
19047JJD	09/29/2019 22:41:07	22:44:11	0.008	0.010	10	1.7	
19047JLO	10/01/2019 21:27:25	21:28:09	0.009	0.012	4	4.7	
20012JBM	05/22/2020 13:16:42	13:20:12	0.006	0.011	15	1.3	
20012JBM	05/22/2020 13:20:31	13:23:30	0.006	0.012	15	1.3	
20012JBN	05/22/2020 13:29:51	13:34:36	0.005	0.010	14	1.5	

GPSID	UTC Start	UTC End	Horz Prec	Vert Prec	# of SV's	PDOP	Reject
20012JBN	05/22/2020 13:34:55	13:37:54	0.006	0.012	13	1.6	
20012JBO	05/22/2020 13:44:30	13:47:29	0.006	0.011	13	1.7	
20012JBO	05/22/2020 13:47:46	13:50:45	0.005	0.010	13	1.7	
20012JBP	05/22/2020 14:01:41	14:04:40	0.005	0.008	15	1.4	
20012JBP	05/22/2020 14:04:59	14:07:58	0.005	0.008	6	3.0	
20012JBQ	05/22/2020 14:13:18	14:16:17	0.005	0.008	15	1.4	
20012JBQ	05/22/2020 14:16:33	14:19:32	0.005	0.008	6	2.7	
20012JBR	05/22/2020 14:30:19	14:33:18	0.004	0.006	14	1.5	
20012JBR	05/22/2020 14:33:35	14:36:34	0.004	0.006	12	1.9	
20012JBS	05/22/2020 14:45:27	14:48:26	0.003	0.004	14	1.7	
20012JBS	05/22/2020 14:48:45	14:51:44	0.003	0.004	7	2.4	
20012JBT	05/22/2020 15:01:51	15:04:50	0.004	0.006	13	1.7	
20012JBT	05/22/2020 15:05:12	15:08:11	0.003	0.005	13	1.6	
20012JBV	05/22/2020 15:31:30	15:34:30	0.003	0.005	16	1.2	
20012JBV	05/22/2020 15:34:56	15:37:55	0.004	0.005	15	1.3	
20012JBW	05/22/2020 15:47:25	15:50:24	0.004	0.005	15	1.4	
20012JBW	05/22/2020 15:51:08	15:54:07	0.003	0.005	15	1.4	
20012JBX	05/22/2020 16:07:37	16:10:36	0.005	0.007	16	1.3	
20012JBX	05/22/2020 16:10:52	16:13:51	0.005	0.007	13	1.5	
20012JBY	05/22/2020 16:20:18	16:23:17	0.006	0.009	16	1.3	
20012JBY	05/22/2020 16:23:33	16:26:32	0.006	0.009	12	1.6	
20012JBZ	05/22/2020 16:34:10	16:37:09	0.005	0.009	15	1.3	
20012JBZ	05/22/2020 16:37:43	16:40:42	0.005	0.009	14	1.4	
20012JCA	05/22/2020 17:12:37	17:15:36	0.006	0.009	13	1.5	
20012JCA	05/22/2020 17:16:04	17:19:03	0.006	0.009	13	1.5	
20012JCB	05/22/2020 17:23:01	17:26:00	0.005	0.008	15	1.3	
20012JCB	05/22/2020 17:26:19	17:29:18	0.006	0.008	14	1.3	
20012JCC	05/22/2020 17:38:28	17:41:27	0.006	0.008	14	1.3	
20012JCC	05/22/2020 17:41:45	17:44:44	0.006	0.008	11	1.7	
20012JCD	05/22/2020 17:56:17	17:59:16	0.007	0.008	14	1.3	
20012JCD	05/22/2020 18:00:52	18:03:51	0.007	0.008	14	1.3	
20012JCE	05/22/2020 18:15:04	18:18:03	0.006	0.008	13	1.4	
20012JCE	05/22/2020 18:18:19	18:21:18	0.006	0.008	8	1.6	
20012JCF	05/22/2020 18:27:18	18:30:17	0.007	0.008	13	1.5	
20012JCF	05/22/2020 18:30:38	18:33:37	0.007	0.008	8	1.7	
20012JCG	05/22/2020 18:41:20	18:44:19	0.006	0.008	14	1.2	
20012JCG	05/22/2020 18:44:36	18:47:35	0.007	0.009	12	1.3	
20012JCH	05/22/2020 18:59:42	19:02:41	0.006	0.007	13	1.4	
20012JCH	05/22/2020 19:02:56	19:05:55	0.006	0.008	11	1.5	
20012JCI	05/22/2020 19:16:53	19:19:53	0.006	0.007	15	1.2	
20012JCI	05/22/2020 19:20:16	19:23:15	0.005	0.006	14	1.3	
20012JCI	05/22/2020 19:33:03	19:36:02	0.004	0.006	14	1.4	
20012JCI	05/22/2020 19:36:32	19:39:31	0.004	0.006	14	1.4	
20012JCK	05/22/2020 19:47:48	19:49:18	0.006	0.008	14	1.4	
20012JCK	05/22/2020 19:50:17	19:53:16	0.005	0.007	15	1.4	
20012JCK	05/22/2020 19:53:38	19:56:03	0.005	0.007	14	1.4	
20012JCL	05/22/2020 20:08:50	20:11:49	0.005	0.008	13	1.6	
20012JCL	05/22/2020 20:12:19	20:15:18	0.006	0.009	7	2.6	
20012JCM	05/22/2020 20:29:32	20:32:31	0.007	0.011	13	1.5	
20012JCM	05/22/2020 20:33:09	20:36:08	0.006	0.009	13	1.7	
20012JCN	05/22/2020 20:45:22	20:47:08	0.008	0.013	8	2.1	
20012JCN	05/22/2020 20:48:10	20:51:09	0.009	0.013	9	2.0	
20012JCN	05/22/2020 20:51:26	20:54:25	0.007	0.010	7	2.2	
20012JCO	05/22/2020 21:04:43	21:07:42	0.007	0.010	13	1.5	
20012JCO	05/22/2020 21:08:00	21:10:59	0.010	0.014	12	1.5	
20012JCP	05/22/2020 21:22:56	21:25:55	0.007	0.009	16	1.2	
20012JCP	05/22/2020 21:26:19	21:29:18	0.007	0.009	15	1.3	
20012JCO	05/22/2020 21:42:35	21:44:27	0.008	0.012	13	1.8	
20012JCO	05/22/2020 21:45:01	21:48:00	0.007	0.010	13	1.8	
20012JCO	05/22/2020 21:49:08	21:49:32	0.010	0.015	14	1.4	
20012JCR	05/22/2020 22:22:05	22:25:04	0.006	0.010	16	1.3	
20012JCR	05/22/2020 22:25:29	22:28:28	0.006	0.010	8	2.0	
20012JCT	05/22/2020 22:54:57	22:57:57	0.006	0.012	14	1.7	
20012JCT	05/22/2020 22:58:13	23:01:12	0.006	0.012	7	2.8	
20012JCT	05/22/2020 23:01:35	23:04:34	0.006	0.012	13	1.7	
20012JCU	05/22/2020 23:11:11	23:14:10	0.006	0.012	14	1.6	
20012JCU	05/22/2020 23:14:54	23:17:53	0.006	0.012	13	1.7	
20012JCV	05/22/2020 23:36:27	23:39:26	0.006	0.010	15	1.3	
20012JCV	05/22/2020 23:39:58	23:42:57	0.006	0.010	15	1.3	
20012JCV	05/22/2020 23:51:31	23:54:30	0.007	0.011	14	1.5	
20012JCW	05/22/2020 23:54:56	23:57:55	0.007	0.010	15	1.4	
20012JCX	05/23/2020 12:39:01	12:42:00	0.005	0.008	12	1.8	
20012JCX	05/23/2020 12:42:18	12:45:17	0.005	0.008	12	1.8	

GPSID	UTC Start	UTC End	Horz Prec	Vert Prec	# of SV's	PDOP	Reject
20012JCZ	05/23/2020 13:06:56	13:09:55	0.005	0.010	13	1.8	
20012JCZ	05/23/2020 13:10:22	13:13:21	0.005	0.010	13	1.9	
20012JDA	05/23/2020 13:22:34	13:25:33	0.006	0.013	13	2.0	
20012JDA	05/23/2020 13:25:54	13:28:55	0.006	0.013	7	2.7	
20012JDB	05/23/2020 13:39:27	13:42:26	0.006	0.012	13	1.8	
20012JDB	05/23/2020 13:42:44	13:45:43	0.006	0.012	11	2.8	
20012JDC	05/23/2020 13:53:23	13:56:22	0.006	0.011	15	1.4	
20012JDC	05/23/2020 13:56:38	13:59:37	0.006	0.010	13	1.7	
20012JDD	05/23/2020 14:20:01	14:23:00	0.006	0.010	15	1.3	
20012JDD	05/23/2020 14:23:26	14:26:25	0.006	0.010	12	1.8	
20012JDE	05/23/2020 14:33:53	14:36:42	0.007	0.010	14	1.6	
20012JDF	05/23/2020 14:41:11	14:44:10	0.006	0.010	14	1.4	
20012JDF	05/23/2020 14:44:34	14:47:33	0.006	0.009	14	1.5	
20012JDG	05/23/2020 14:56:29	14:59:28	0.006	0.009	15	1.4	
20012JDG	05/23/2020 14:59:50	15:02:49	0.006	0.009	13	1.5	
20012JDH	05/23/2020 15:13:11	15:16:10	0.006	0.009	14	1.6	
20012JDH	05/23/2020 15:16:32	15:19:31	0.006	0.009	11	1.7	
20012JDI	05/23/2020 15:23:33	15:26:32	0.006	0.010	15	1.3	
20012JDI	05/23/2020 15:26:51	15:29:50	0.006	0.010	13	1.4	
20012JDJ	05/23/2020 15:41:50	15:44:49	0.007	0.010	15	1.4	
20012JDJ	05/23/2020 15:45:16	15:48:15	0.007	0.010	14	1.5	
20012JDK	05/23/2020 15:55:08	15:58:07	0.006	0.010	16	1.4	
20012JDK	05/23/2020 15:58:31	16:01:30	0.006	0.010	16	1.4	
20012JDL	05/23/2020 16:20:14	16:23:13	0.006	0.009	15	1.5	
20012JDL	05/23/2020 16:23:29	16:26:28	0.006	0.010	9	2.0	
20012JDM	05/23/2020 16:35:10	16:38:09	0.007	0.012	15	1.3	
20012JDM	05/23/2020 16:39:34	16:42:33	0.007	0.012	15	1.3	
20012JDN	05/23/2020 16:52:11	16:55:10	0.007	0.011	16	1.2	
20012JDN	05/23/2020 16:55:32	16:58:31	0.006	0.009	13	1.5	
20012JDO	05/23/2020 17:13:35	17:16:34	0.006	0.009	14	1.4	
20012JDO	05/23/2020 17:17:22	17:20:21	0.006	0.008	14	1.4	
20012JDP	05/23/2020 17:32:21	17:35:20	0.006	0.008	14	1.3	
20012JDP	05/23/2020 17:35:37	17:38:36	0.006	0.008	12	1.6	
20012JDQ	05/23/2020 17:45:42	17:48:41	0.006	0.008	14	1.4	
20012JDQ	05/23/2020 17:49:09	17:52:08	0.006	0.007	13	1.5	
20012JDR	05/23/2020 18:03:36	18:06:35	0.006	0.008	13	1.4	
20012JDR	05/23/2020 18:07:04	18:10:03	0.006	0.008	12	1.4	
TE0518	05/23/2020 18:11:25	18:14:24	0.007	0.009	13	1.4	
TE0518	05/23/2020 18:14:47	18:17:46	0.006	0.008	12	1.5	
20012JDS	05/23/2020 18:40:55	18:43:54	0.005	0.007	12	1.8	
20012JDS	05/23/2020 18:44:14	18:47:13	0.006	0.008	7	1.9	
20012JDT	05/23/2020 19:01:22	19:04:22	0.004	0.005	15	1.3	
20012JDT	05/23/2020 19:04:51	19:05:44	0.005	0.006	15	1.3	
20012JDV	05/23/2020 19:30:50	19:33:49	0.003	0.004	15	1.3	
20012JDV	05/23/2020 19:34:13	19:37:12	0.004	0.005	14	1.3	
20012JDW	05/23/2020 19:47:35	19:50:34	0.002	0.004	15	1.3	
20012JDW	05/23/2020 19:50:54	19:53:53	0.002	0.004	15	1.3	
20012JDX	05/23/2020 20:10:27	20:13:26	0.005	0.008	13	1.5	
20012JDX	05/23/2020 20:13:48	20:16:47	0.004	0.007	7	2.7	
20012JDY	05/23/2020 20:26:49	20:29:48	0.005	0.008	14	1.3	
20012JDY	05/23/2020 20:30:07	20:33:06	0.006	0.008	14	1.4	
20012JDZ	05/23/2020 20:41:46	20:44:45	0.005	0.008	15	1.3	
20012JDZ	05/23/2020 20:45:09	20:48:08	0.005	0.008	14	1.5	
20012JEA	05/23/2020 20:53:04	20:56:03	0.006	0.008	14	1.5	
20012JEA	05/23/2020 20:56:23	20:59:22	0.006	0.009	14	1.5	
20012JEB	05/23/2020 21:13:43	21:16:42	0.009	0.012	16	1.5	
20012JEB	05/23/2020 21:17:56	21:20:55	0.007	0.009	16	1.5	
20012JEC	05/23/2020 21:35:10	21:38:09	0.010	0.014	14	1.9	
20012JEC	05/23/2020 21:38:32	21:41:31	0.011	0.017	14	2.0	
20012JED	05/23/2020 21:48:09	21:51:08	0.007	0.010	15	1.4	
20012JED	05/23/2020 21:51:25	21:54:24	0.007	0.010	13	1.5	
20012JEE	05/23/2020 22:13:15	22:16:14	0.008	0.013	17	1.3	
20012JEE	05/23/2020 22:16:42	22:19:41	0.007	0.012	17	1.3	
20012JEF	05/23/2020 22:31:44	22:34:43	0.008	0.014	15	1.5	
20012JEF	05/23/2020 22:35:06	22:38:07	0.008	0.014	14	1.6	
20012JEG	05/23/2020 22:42:58	22:45:57	0.008	0.016	15	1.5	
20012JEG	05/23/2020 22:46:11	22:49:10	0.008	0.016	7	2.8	
20012JEH	05/23/2020 23:13:24	23:16:23	0.008	0.015	14	1.5	
20012JEH	05/23/2020 23:16:42	23:19:33	0.008	0.015	14	1.5	
20012JEI	05/23/2020 23:31:48	23:34:47	0.006	0.009	15	1.3	
20012JEI	05/23/2020 23:35:08	23:38:07	0.006	0.010	15	1.3	
20012JEJ	05/24/2020 12:41:01	12:44:00	0.006	0.009	11	1.8	
20012JEJ	05/24/2020 12:44:18	12:47:17	0.006	0.009	6	2.6	

GPSID	UTC Start	UTC End	Horz Prec	Vert Prec	# of SV's	PDOP	Reject
20012JEL	05/24/2020 13:04:53	13:07:52	0.006	0.010	14	1.4	
20012JEL	05/24/2020 13:08:12	13:11:11	0.006	0.010	13	1.5	
20012JEM	05/24/2020 13:28:14	13:31:13	0.006	0.014	12	2.4	
20012JEM	05/24/2020 13:31:33	13:34:32	0.006	0.014	7	3.0	
20012JEN	05/24/2020 13:49:36	13:52:35	0.005	0.011	14	1.6	
20012JEN	05/24/2020 13:52:57	13:55:56	0.005	0.011	11	2.2	
20012JEO	05/24/2020 14:42:42	14:45:42	0.007	0.010	15	1.3	
20012JEO	05/24/2020 14:46:00	14:48:59	0.006	0.008	12	1.7	
20012JEP	05/24/2020 15:08:38	15:11:37	0.005	0.006	14	1.5	
20012JEP	05/24/2020 15:12:06	15:15:05	0.005	0.006	14	1.4	
20012JEQ	05/24/2020 15:21:49	15:24:48	0.006	0.008	15	1.3	
20012JEQ	05/24/2020 15:25:16	15:28:15	0.006	0.008	14	1.3	
20012JER	05/24/2020 15:37:33	15:40:32	0.007	0.011	14	1.4	
20012JER	05/24/2020 15:40:49	15:43:48	0.006	0.009	14	1.4	
20012JES	05/24/2020 15:54:42	15:57:41	0.006	0.009	16	1.3	
20012JES	05/24/2020 15:58:01	16:01:00	0.006	0.009	15	1.4	
20012JET	05/24/2020 16:05:59	16:08:58	0.006	0.009	16	1.4	
20012JET	05/24/2020 16:09:51	16:12:50	0.006	0.009	15	1.5	
20012JEU	05/24/2020 16:18:29	16:21:28	0.008	0.012	15	1.4	
20012JEU	05/24/2020 16:21:44	16:24:43	0.006	0.009	15	1.4	
20012JEV	05/24/2020 16:41:52	16:44:51	0.007	0.013	15	1.4	
20012JEV	05/24/2020 16:45:20	16:48:19	0.006	0.011	10	1.7	
20012JEW	05/24/2020 17:04:01	17:07:00	0.007	0.011	14	1.6	
20012JEW	05/24/2020 17:07:18	17:10:18	0.007	0.011	13	1.7	
20012JEX	05/24/2020 17:22:09	17:25:08	0.007	0.010	16	1.2	
20012JEX	05/24/2020 17:25:45	17:28:44	0.007	0.010	15	1.3	
20012JEY	05/24/2020 17:45:31	17:48:30	0.005	0.007	15	1.2	
20012JEY	05/24/2020 17:48:47	17:51:46	0.005	0.007	11	1.6	
20012JFA	05/24/2020 18:47:51	18:50:50	0.006	0.008	14	1.3	
20012JFA	05/24/2020 18:51:12	18:54:11	0.005	0.006	13	1.4	
20012JFB	05/24/2020 19:00:36	19:01:05	0.007	0.009	14	1.3	
20012JFB	05/24/2020 19:06:06	19:06:48	0.006	0.009	15	1.3	
20012JFB	05/24/2020 19:10:07	19:13:06	0.007	0.010	15	1.3	
20012JFC	05/24/2020 20:03:36	20:06:35	0.005	0.007	14	1.5	
20012JFC	05/24/2020 20:07:00	20:09:59	0.006	0.009	14	1.5	
20012JFD	05/24/2020 20:25:29	20:28:28	0.004	0.006	16	1.2	
20012JFD	05/24/2020 20:28:50	20:31:49	0.004	0.006	16	1.2	
20012JFE	05/24/2020 20:43:41	20:46:40	0.009	0.012	15	1.3	
20012JFE	05/24/2020 20:47:00	20:49:59	0.008	0.011	14	1.5	
20012JFF	05/24/2020 21:02:24	21:05:25	0.007	0.009	16	1.3	
20012JFF	05/24/2020 21:05:41	21:08:40	0.009	0.011	7	2.1	
20012JFG	05/24/2020 21:18:03	21:21:04	0.011	0.013	16	1.3	
20012JFG	05/24/2020 21:21:23	21:24:22	0.007	0.009	13	1.8	
20012JFH	05/24/2020 21:35:11	21:38:10	0.008	0.011	14	1.9	
20012JFH	05/24/2020 21:38:28	21:41:18	0.007	0.010	13	2.0	
20012JFI	05/24/2020 21:52:47	21:55:46	0.004	0.006	15	1.4	
20012JFI	05/24/2020 21:56:21	21:59:20	0.004	0.006	15	1.5	
20012JFJ	05/24/2020 22:03:04	22:06:03	0.005	0.007	16	1.4	
20012JFJ	05/24/2020 22:06:30	22:09:29	0.005	0.008	16	1.4	
20012JFK	05/24/2020 22:22:47	22:25:46	0.004	0.007	17	1.3	
20012JFK	05/24/2020 22:26:13	22:29:12	0.004	0.007	17	1.3	
20012JFL	05/24/2020 22:59:39	23:02:38	0.005	0.012	15	1.5	
20012JFL	05/24/2020 23:03:03	23:06:02	0.005	0.011	13	1.6	
20012JFM	05/24/2020 23:12:36	23:15:35	0.005	0.010	14	1.5	
20012JFM	05/24/2020 23:15:59	23:18:58	0.005	0.010	7	2.2	
20012JFN	05/25/2020 12:18:21	12:21:20	0.003	0.004	11	1.7	
20012JFN	05/25/2020 12:21:42	12:24:41	0.003	0.004	11	1.7	
20012JFO	05/25/2020 12:44:00	12:46:59	0.006	0.009	12	1.6	
20012JFO	05/25/2020 12:47:20	12:50:20	0.005	0.008	11	1.7	
20012JFP	05/25/2020 12:55:51	12:58:50	0.006	0.009	13	1.4	
20012JFP	05/25/2020 12:59:10	13:02:09	0.006	0.009	13	1.4	
20012JFQ	05/25/2020 13:16:35	13:19:34	0.005	0.010	13	1.6	
20012JFQ	05/25/2020 13:19:54	13:22:53	0.005	0.010	12	1.6	
20012JFR	05/25/2020 13:59:36	14:02:35	0.005	0.008	15	1.3	
20012JFR	05/25/2020 14:03:01	14:06:00	0.005	0.007	14	1.3	
20012JFS	05/25/2020 14:17:07	14:20:06	0.007	0.010	15	1.3	
20012JFS	05/25/2020 14:20:30	14:23:29	0.005	0.008	14	1.4	
20012JFT	05/25/2020 14:31:14	14:34:13	0.008	0.013	12	1.9	
20012JFT	05/25/2020 14:34:39	14:37:38	0.009	0.014	13	1.8	
20012JFU	05/25/2020 14:57:42	15:00:41	0.006	0.008	15	1.5	
20012JFU	05/25/2020 15:01:06	15:04:05	0.006	0.008	13	1.7	
20012JFV	05/25/2020 15:08:20	15:11:19	0.006	0.008	15	1.4	
20012JFV	05/25/2020 15:11:54	15:14:53	0.008	0.010	16	1.3	

GPSID	UTC Start	UTC End	Horz Prec	Vert Prec	# of SV's	PDOP	Reject
20012JFW	05/25/2020 15:28:10	15:31:09	0.006	0.009	17	1.2	
20012JFW	05/25/2020 15:31:26	15:34:25	0.006	0.009	16	1.3	
20012JFX	05/25/2020 15:42:35	15:45:35	0.006	0.009	15	1.4	
20012JFX	05/25/2020 15:45:52	15:48:51	0.006	0.009	15	1.4	
20012JFY	05/25/2020 15:57:09	16:00:08	0.006	0.009	17	1.3	
20012JFY	05/25/2020 16:00:45	16:03:44	0.006	0.010	17	1.3	
20012JFZ	05/25/2020 16:10:21	16:13:20	0.006	0.010	17	1.3	
20012JFZ	05/25/2020 16:13:41	16:16:40	0.006	0.010	16	1.3	
20012JGA	05/25/2020 16:28:31	16:31:30	0.004	0.006	16	1.3	
20012JGA	05/25/2020 16:32:01	16:35:00	0.004	0.006	15	1.4	
20012JGB	05/25/2020 16:52:29	16:55:28	0.005	0.008	16	1.4	
20012JGB	05/25/2020 16:55:46	16:58:45	0.005	0.007	17	1.3	
20012JGC	05/25/2020 17:13:06	17:16:36	0.006	0.008	16	1.3	
20012JGC	05/25/2020 17:16:55	17:19:54	0.006	0.008	16	1.2	
20012JGD	05/25/2020 17:29:04	17:32:03	0.007	0.009	15	1.3	
20012JGD	05/25/2020 17:33:16	17:36:15	0.007	0.008	7	2.3	
20012JGE	05/25/2020 17:50:09	17:53:08	0.004	0.005	15	1.2	
20012JGE	05/25/2020 17:53:30	17:56:29	0.004	0.005	15	1.2	
20012JGF	05/25/2020 18:10:42	18:13:41	0.004	0.005	14	1.4	
20012JGF	05/25/2020 18:14:02	18:17:01	0.004	0.005	14	1.4	
20012JGG	05/25/2020 18:25:26	18:28:25	0.005	0.007	15	1.2	
20012JGG	05/25/2020 18:28:42	18:31:41	0.005	0.006	14	1.2	
20012JGH	05/25/2020 18:45:18	18:48:17	0.006	0.008	14	1.3	
20012JGH	05/25/2020 18:48:34	18:51:33	0.005	0.007	7	2.1	
20012JGI	05/25/2020 18:58:19	19:00:44	0.005	0.007	16	1.2	
20012JGI	05/25/2020 19:01:15	19:03:51	0.005	0.007	15	1.2	
20012JGJ	05/25/2020 19:13:21	19:16:20	0.005	0.008	16	1.2	
20012JGJ	05/25/2020 19:16:37	19:19:36	0.006	0.009	14	1.4	
20012JGK	05/25/2020 19:31:52	19:34:51	0.006	0.008	14	1.5	
20012JGK	05/25/2020 19:35:38	19:38:36	0.007	0.011	15	1.4	
20012JGL	05/25/2020 19:48:31	19:51:30	0.005	0.008	15	1.5	
20012JGL	05/25/2020 19:51:51	19:54:50	0.006	0.009	14	1.6	
20012JGM	05/25/2020 20:06:21	20:09:20	0.005	0.008	15	1.5	
20012JGM	05/25/2020 20:09:46	20:12:45	0.005	0.008	16	1.3	
20012JGN	05/25/2020 20:28:16	20:31:15	0.002	0.003	16	1.3	
20012JGN	05/25/2020 20:32:09	20:35:08	0.002	0.003	14	1.5	
20012JGO	05/25/2020 20:41:59	20:44:58	0.005	0.007	15	1.4	
20012JGO	05/25/2020 20:45:23	20:48:22	0.005	0.007	14	1.4	
20012JGP	05/25/2020 20:52:39	20:55:38	0.004	0.006	15	1.4	
20012JGP	05/25/2020 20:55:54	20:58:53	0.004	0.006	14	1.6	
TE0415	05/25/2020 21:01:08	21:04:07	0.004	0.005	15	1.4	
TE0415	05/25/2020 21:04:27	21:07:26	0.004	0.005	15	1.3	
20012JGQ	05/25/2020 21:20:03	21:23:02	0.004	0.006	15	1.5	
20012JGQ	05/25/2020 21:23:18	21:26:17	0.004	0.007	14	1.8	
20012JGR	05/25/2020 21:33:57	21:36:58	0.005	0.007	15	1.4	
20012JGR	05/25/2020 21:37:16	21:40:16	0.005	0.007	14	1.5	
20012JGS	05/25/2020 21:48:08	21:51:07	0.005	0.009	14	1.5	
20012JGS	05/25/2020 21:51:39	21:54:38	0.005	0.009	14	1.5	
20012JGT	05/25/2020 22:02:52	22:05:51	0.006	0.009	15	1.4	
20012JGT	05/25/2020 22:06:06	22:09:05	0.005	0.009	15	1.4	
20012JGU	05/25/2020 22:22:28	22:25:27	0.006	0.010	16	1.2	
20012JGU	05/25/2020 22:25:47	22:28:46	0.006	0.011	15	1.3	
20012JGV	05/25/2020 22:34:37	22:37:36	0.006	0.012	15	1.5	
20012JGV	05/25/2020 22:37:52	22:40:51	0.007	0.014	14	1.6	
20012JGW	05/26/2020 12:35:34	12:38:33	0.006	0.011	12	1.7	
20012JGW	05/26/2020 12:39:19	12:42:18	0.006	0.010	12	1.7	
20012JGX	05/26/2020 13:07:58	13:10:57	0.006	0.011	13	1.8	
20012JGX	05/26/2020 13:11:43	13:14:42	0.006	0.011	11	2.0	
20012JGY	05/26/2020 13:28:21	13:31:20	0.006	0.011	14	1.7	
20012JGY	05/26/2020 13:31:51	13:34:50	0.006	0.011	14	1.7	
20012JGZ	05/26/2020 13:42:26	13:45:25	0.005	0.010	16	1.3	
20012JGZ	05/26/2020 13:45:46	13:48:45	0.005	0.010	15	1.4	
20012JHA	05/26/2020 13:52:55	13:55:54	0.006	0.010	16	1.3	
20012JHA	05/26/2020 13:57:13	14:00:12	0.006	0.009	17	1.2	
20012JHB	05/26/2020 14:13:54	14:16:53	0.005	0.008	16	1.3	
20012JHB	05/26/2020 14:17:16	14:20:15	0.005	0.009	9	2.1	
20012JHC	05/26/2020 14:28:31	14:31:30	0.005	0.008	15	1.4	
20012JHC	05/26/2020 14:31:53	14:34:52	0.005	0.008	16	1.3	
20012JHD	05/26/2020 14:45:08	14:48:07	0.004	0.006	16	1.3	
20012JHD	05/26/2020 14:48:28	14:51:27	0.005	0.007	16	1.3	
20012JHE	05/26/2020 14:54:10	14:57:09	0.004	0.006	16	1.3	
20012JHE	05/26/2020 14:57:27	15:00:30	0.005	0.007	15	1.5	
20012JHF	05/26/2020 15:23:03	15:26:02	0.005	0.007	16	1.3	

GPSID	UTC Start	UTC End	Horz Prec	Vert Prec	# of SV's	PDOP	Reject
20012JHF	05/26/2020 15:26:21	15:29:20	0.005	0.007	16	1.2	
20012JHG	05/26/2020 15:35:12	15:38:11	0.007	0.011	16	1.3	
20012JHG	05/26/2020 15:38:34	15:41:33	0.005	0.007	17	1.3	
20012JHH	05/26/2020 15:47:24	15:50:23	0.005	0.008	17	1.3	
20012JHH	05/26/2020 15:50:43	15:53:42	0.005	0.007	17	1.3	
20012JHI	05/26/2020 16:05:09	16:08:08	0.005	0.008	17	1.3	
20012JHI	05/26/2020 16:08:24	16:11:23	0.005	0.008	16	1.3	
20012JHJ	05/26/2020 16:24:17	16:25:45	0.006	0.010	16	1.3	
20012JHJ	05/26/2020 16:29:01	16:32:35	0.005	0.008	17	1.3	
20012JHK	05/26/2020 16:45:45	16:48:44	0.005	0.009	15	1.5	
20012JHK	05/26/2020 16:49:47	16:52:46	0.005	0.009	15	1.4	
20012JBK	05/21/2020 23:38:44	23:41:43	0.005	0.008	19	1.1	
20012JBK	05/21/2020 23:43:09	23:46:08	0.006	0.011	23	1.1	
20012JBU	05/22/2020 15:12:52	15:15:53	0.009	0.014	23	1.2	
20012JBU	05/22/2020 15:16:12	15:19:14	0.009	0.014	20	1.5	
20012JCS	05/22/2020 22:34:28	22:37:27	0.003	0.005	24	1.2	
20012JCS	05/22/2020 22:37:47	22:39:47	0.003	0.005	20	1.2	
20012JCY	05/23/2020 12:49:26	12:52:25	0.007	0.008	22	1.3	
20012JCY	05/23/2020 12:54:02	12:57:02	0.008	0.009	21	1.3	
20012JDU	05/23/2020 19:09:23	19:12:24	0.006	0.013	19	1.3	
20012JDU	05/23/2020 19:13:22	19:16:21	0.007	0.022	21	1.3	
20012JDU	05/23/2020 19:16:48	19:19:53	0.010	0.019	19	1.5	
20012JEK	05/24/2020 12:50:47	12:53:46	0.008	0.009	20	1.2	
20012JEK	05/24/2020 12:55:15	12:58:14	0.007	0.009	21	1.3	
20012JEZ	05/24/2020 17:55:49	17:58:48	0.004	0.008	17	1.3	
20012JEZ	05/24/2020 17:59:07	18:02:09	0.005	0.009	16	2.3	
20012JHM	05/28/2020 23:26:08	23:27:28	0.029	0.034	7	2.0	
20012JHM	05/28/2020 23:27:58	23:29:53	0.027	0.033	7	2.1	
20012JAA	05/21/2020 13:35:35	13:38:34	0.004	0.007	14	1.6	
20012JAA	05/21/2020 13:39:06	13:42:05	0.004	0.007	7	2.9	
20012JAB	05/21/2020 14:02:47	14:05:46	0.002	0.003	14	1.4	
20012JAB	05/21/2020 14:06:13	14:09:12	0.002	0.003	12	1.7	
20012JAC	05/21/2020 14:16:01	14:19:00	0.002	0.004	16	1.2	
20012JAC	05/21/2020 14:19:39	14:22:38	0.002	0.004	17	1.2	
20012JAD	05/21/2020 14:30:02	14:33:01	0.003	0.006	16	1.3	
20012JAD	05/21/2020 14:33:23	14:36:23	0.003	0.006	5	3.6	
20012JAE	05/21/2020 14:45:54	14:48:53	0.004	0.006	13	1.6	
20012JAE	05/21/2020 14:49:22	14:52:21	0.004	0.006	13	1.6	
20012JAF	05/21/2020 14:58:56	15:01:55	0.005	0.007	14	1.5	
20012JAF	05/21/2020 15:02:18	15:05:17	0.006	0.009	13	1.6	
20012JAG	05/21/2020 15:09:38	15:12:37	0.005	0.007	14	1.4	
20012JAG	05/21/2020 15:12:56	15:15:55	0.005	0.007	13	1.5	
20012JAH	05/21/2020 15:32:38	15:35:37	0.005	0.007	14	1.4	
20012JAH	05/21/2020 15:35:57	15:38:56	0.006	0.008	15	1.3	
20012JAI	05/21/2020 15:52:38	15:55:37	0.006	0.009	15	1.4	
20012JAI	05/21/2020 15:56:03	15:59:02	0.006	0.009	14	1.6	
20012JAJ	05/21/2020 16:05:57	16:08:56	0.005	0.008	17	1.3	
20012JAJ	05/21/2020 16:09:17	16:12:16	0.005	0.008	9	2.7	
20012JAK	05/21/2020 16:26:30	16:28:13	0.005	0.008	17	1.3	
20012JAK	05/21/2020 16:30:18	16:32:06	0.005	0.009	17	1.3	
20012JAL	05/21/2020 16:40:41	16:43:40	0.005	0.008	15	1.7	
20012JAL	05/21/2020 16:44:02	16:47:01	0.005	0.008	15	1.6	
20012JAM	05/21/2020 16:51:04	16:54:03	0.005	0.009	16	1.4	
20012JAM	05/21/2020 16:54:30	16:57:29	0.005	0.009	15	1.5	
20012JAN	05/21/2020 17:13:00	17:15:59	0.005	0.007	15	1.4	
20012JAN	05/21/2020 17:16:20	17:19:19	0.005	0.008	13	1.7	
20012JAO	05/21/2020 17:27:10	17:30:09	0.004	0.006	14	1.5	
20012JAO	05/21/2020 17:30:35	17:32:04	0.005	0.007	12	1.6	
20012JAP	05/21/2020 17:46:03	17:49:13	0.004	0.005	13	1.4	
20012JAP	05/21/2020 17:49:36	17:52:35	0.004	0.005	9	1.8	
20012JAQ	05/21/2020 17:59:25	18:02:24	0.005	0.005	14	1.3	
20012JAQ	05/21/2020 18:03:41	18:06:40	0.005	0.006	14	1.3	
20012JAR	05/21/2020 18:12:35	18:15:34	0.006	0.007	14	1.2	
20012JAR	05/21/2020 18:16:43	18:19:42	0.007	0.008	14	1.2	
20012JAS	05/21/2020 18:29:42	18:32:41	0.006	0.007	13	1.4	
20012JAS	05/21/2020 18:33:04	18:36:03	0.008	0.009	12	1.4	
20012JAT	05/21/2020 18:43:24	18:46:23	0.006	0.007	12	1.6	
20012JAT	05/21/2020 18:46:42	18:49:42	0.006	0.008	11	1.3	
20012JAU	05/21/2020 18:56:55	18:59:54	0.006	0.008	13	1.3	
20012JAV	05/21/2020 19:00:14	19:03:13	0.007	0.009	12	1.4	
20012JAV	05/21/2020 19:08:21	19:11:20	0.006	0.008	14	1.3	
20012JAV	05/21/2020 19:11:37	19:14:36	0.006	0.008	11	1.6	
20012JAW	05/21/2020 19:20:22	19:23:21	0.006	0.008	14	1.3	

GPSID	UTC Start	UTC End	Horz Prec	Vert Prec	# of SV's	PDOP	Reject
20012JAW	05/21/2020 19:24:08	19:27:07	0.006	0.008	15	1.3	
20012JAX	05/21/2020 19:38:20	19:41:19	0.006	0.009	15	1.3	
20012JAX	05/21/2020 19:41:37	19:44:36	0.006	0.009	8	1.9	
20012JAY	05/21/2020 19:55:15	19:58:18	0.006	0.009	15	1.4	
20012JAY	05/21/2020 19:58:37	20:01:36	0.006	0.009	13	1.6	
20012JAZ	05/21/2020 20:24:09	20:27:08	0.007	0.011	15	1.3	
20012JAZ	05/21/2020 20:27:32	20:30:31	0.008	0.011	15	1.3	
20012JBA	05/21/2020 20:36:12	20:39:11	0.012	0.018	15	1.3	
20012JBA	05/21/2020 20:39:35	20:42:34	0.012	0.024	15	1.3	
20012JBB	05/21/2020 20:52:20	20:55:19	0.008	0.012	13	1.7	
20012JBB	05/21/2020 20:55:45	20:58:44	0.008	0.011	12	1.7	
20012JBB	05/21/2020 20:59:12	21:02:11	0.008	0.011	13	1.5	
20012JBC	05/21/2020 21:13:25	21:16:24	0.009	0.011	13	1.5	
20012JBC	05/21/2020 21:16:58	21:19:57	0.014	0.017	14	1.3	
TD0588	05/21/2020 21:21:57	21:25:02	0.012	0.016	14	1.3	
TD0588	05/21/2020 21:25:26	21:28:25	0.009	0.012	14	1.3	
TD0588	05/21/2020 21:28:45	21:31:44	0.009	0.011	10	1.7	
20012JBD	05/21/2020 21:40:13	21:43:12	0.010	0.014	12	1.9	
20012JBD	05/21/2020 21:43:30	21:46:29	0.009	0.013	11	1.9	
20012JBE	05/21/2020 22:00:12	22:03:14	0.008	0.012	12	1.6	
20012JBE	05/21/2020 22:05:18	22:08:17	0.008	0.012	11	1.8	
20012JBF	05/21/2020 22:18:14	22:21:13	0.008	0.013	12	1.6	
20012JBF	05/21/2020 22:21:36	22:24:35	0.006	0.009	11	1.6	
20012JBG	05/21/2020 22:33:01	22:36:00	0.007	0.012	13	1.5	
20012JBG	05/21/2020 22:37:26	22:40:25	0.006	0.010	14	1.4	
20012JBH	05/21/2020 22:47:34	22:50:33	0.006	0.011	14	1.4	
20012JBH	05/21/2020 22:50:54	22:53:54	0.006	0.011	12	1.8	
20012JBI	05/21/2020 23:12:22	23:15:21	0.006	0.012	12	1.7	
20012JBI	05/21/2020 23:15:38	23:18:15	0.007	0.013	11	1.8	
20012JBJ	05/21/2020 23:29:19	23:32:18	0.006	0.011	11	1.7	
20012JBJ	05/21/2020 23:32:34	23:35:33	0.006	0.011	11	1.6	
20012JBL	05/21/2020 23:53:41	23:56:40	0.007	0.010	13	1.6	
20012JBL	05/21/2020 23:57:02	00:00:01	0.007	0.010	11	1.8	
20014TAA	04/30/2020 20:28:20	20:31:19	0.004	0.005	14	1.3	
20014TAA	04/30/2020 20:31:48	20:34:47	0.004	0.005	14	1.3	
20014TAB	04/30/2020 20:58:20	21:01:19	0.009	0.013	14	1.4	
20014TAB	04/30/2020 21:04:47	21:07:46	0.008	0.012	14	1.4	
20014TAC	04/30/2020 21:14:34	21:17:33	0.008	0.012	14	1.4	
20014TAC	04/30/2020 21:18:13	21:21:12	0.008	0.012	14	1.4	
20014TAD	04/30/2020 21:42:59	21:45:58	0.011	0.021	14	1.6	
20014TAD	04/30/2020 21:46:32	21:49:31	0.011	0.020	14	1.5	
20014TAE	04/30/2020 22:04:54	22:07:53	0.005	0.007	16	1.2	
20014TAE	04/30/2020 22:08:42	22:11:41	0.004	0.006	16	1.2	
20014TAF	04/30/2020 22:16:05	22:19:04	0.006	0.009	15	1.3	
20014TAF	04/30/2020 22:19:34	22:22:34	0.007	0.009	15	1.3	
20014TAG	04/30/2020 22:44:55	22:47:54	0.017	0.026	16	1.3	
20014TAG	04/30/2020 22:48:34	22:51:33	0.016	0.025	16	1.3	
20014TAH	04/30/2020 23:06:28	23:09:27	0.016	0.025	14	1.8	
20014TAH	04/30/2020 23:11:52	23:14:51	0.016	0.023	14	1.9	
20014TAI	05/01/2020 13:08:15	13:11:14	0.004	0.006	13	1.3	
20014TAI	05/01/2020 13:11:55	13:14:54	0.004	0.007	13	1.3	
20014TAJ	05/01/2020 13:22:17	13:25:16	0.009	0.014	11	1.8	
20014TAJ	05/01/2020 13:26:22	13:29:21	0.009	0.015	11	1.8	
20014TAK	05/01/2020 13:41:59	13:44:58	0.009	0.013	11	1.8	
20014TAK	05/01/2020 13:45:39	13:48:38	0.010	0.014	12	1.6	
20014TAL	05/01/2020 13:57:35	14:00:34	0.013	0.020	11	1.7	
20014TAL	05/01/2020 14:01:04	14:04:04	0.013	0.019	12	1.7	
20014TAM	05/01/2020 14:11:19	14:14:18	0.012	0.021	13	1.5	
20014TAM	05/01/2020 14:14:38	14:17:37	0.012	0.020	11	1.6	
20014TAN	05/01/2020 14:22:54	14:25:53	0.013	0.023	12	1.6	
20014TAN	05/01/2020 14:26:18	14:29:17	0.013	0.021	12	1.5	
20014TAO	05/01/2020 14:36:51	14:39:50	0.013	0.024	13	1.4	
20014TAO	05/01/2020 14:40:17	14:43:16	0.013	0.024	13	1.4	
20014TAP	05/01/2020 14:51:17	14:54:16	0.014	0.028	13	1.4	
20014TAP	05/01/2020 14:54:56	14:57:55	0.013	0.027	12	1.6	
20014TAQ	05/01/2020 15:05:32	15:08:31	0.013	0.029	12	1.7	
20014TAQ	05/01/2020 15:09:03	15:12:02	0.012	0.027	12	1.7	
20014TAR	05/01/2020 15:19:45	15:22:44	0.013	0.027	13	1.5	
20014TAR	05/01/2020 15:23:16	15:26:15	0.013	0.027	13	1.5	
20014TAS	05/01/2020 15:33:30	15:36:29	0.013	0.028	14	1.3	
20014TAS	05/01/2020 15:37:01	15:40:00	0.013	0.029	14	1.3	
20014TAT	05/01/2020 15:48:06	15:51:05	0.013	0.028	15	1.3	
20014TAT	05/01/2020 15:51:51	15:54:50	0.014	0.028	15	1.3	

GPSID	UTC Start	UTC End	Horz Prec	Vert Prec	# of SV's	PDOP	Reject
20014TAU	05/01/2020 16:05:36	16:08:36	0.014	0.026	13	1.8	
20014TAU	05/01/2020 16:09:35	16:12:34	0.014	0.024	13	1.8	
20014TAV	05/01/2020 16:20:47	16:23:46	0.015	0.027	14	1.5	
20014TAV	05/01/2020 16:24:30	16:27:29	0.015	0.026	14	1.6	
20014TAW	05/01/2020 16:36:32	16:39:31	0.014	0.023	14	1.5	
20014TAW	05/01/2020 16:39:57	16:42:56	0.015	0.025	14	1.5	
20014TAX	05/01/2020 16:47:34	16:50:33	0.015	0.025	15	1.3	
20014TAX	05/01/2020 16:51:00	16:53:59	0.014	0.022	14	1.4	
20014TAY	05/01/2020 17:00:08	17:03:07	0.014	0.024	16	1.3	
20014TAY	05/01/2020 17:03:36	17:06:35	0.014	0.024	16	1.2	
20014TAZ	05/01/2020 17:38:47	17:41:46	0.003	0.005	17	1.3	
20014TAZ	05/01/2020 17:42:40	17:45:39	0.003	0.005	17	1.3	
20014TBB	05/01/2020 18:35:52	18:38:51	0.006	0.018	16	1.3	
20014TBB	05/01/2020 18:39:26	18:42:25	0.005	0.008	16	1.3	
20014TBC	05/01/2020 19:01:22	19:04:21	0.010	0.013	15	1.3	
20014TBC	05/01/2020 19:05:09	19:08:08	0.010	0.013	15	1.3	
20014TBD	05/01/2020 19:15:16	19:18:15	0.013	0.018	15	1.3	
20014TBD	05/01/2020 19:18:38	19:21:37	0.013	0.018	15	1.3	
20014TBE	05/01/2020 19:36:38	19:39:37	0.016	0.024	15	1.2	
20014TBE	05/01/2020 19:40:30	19:43:29	0.016	0.024	15	1.2	
20014TBF	05/01/2020 19:57:55	20:00:54	0.016	0.026	14	1.4	
20014TBF	05/01/2020 20:01:31	20:04:30	0.015	0.026	14	1.2	
20014TBG	05/01/2020 20:21:08	20:24:07	0.015	0.026	14	1.3	
20014TBG	05/01/2020 20:25:03	20:28:02	0.014	0.025	15	1.2	
20014TBH	05/01/2020 20:40:10	20:43:09	0.014	0.024	15	1.2	
20014TBH	05/01/2020 20:43:32	20:46:31	0.014	0.024	15	1.3	
20014TBI	05/01/2020 21:02:00	21:04:59	0.013	0.024	15	1.3	
20014TBI	05/01/2020 21:05:42	21:08:41	0.014	0.025	14	1.3	
20014TBJ	05/01/2020 21:22:48	21:25:47	0.015	0.028	15	1.4	
20014TBJ	05/01/2020 21:26:21	21:29:20	0.014	0.027	14	1.4	
20014TBK	05/01/2020 21:41:18	21:44:17	0.015	0.029	15	1.5	
20014TBK	05/01/2020 21:45:42	21:49:05	0.016	0.030	15	1.5	
20014TBL	05/01/2020 21:59:34	22:02:33	0.017	0.028	17	1.1	
20014TBL	05/01/2020 22:02:53	22:05:59	0.019	0.028	16	1.2	
20014TBM	05/01/2020 22:19:45	22:22:44	0.016	0.027	15	1.4	
20014TBM	05/01/2020 22:23:12	22:26:11	0.017	0.026	15	1.4	
20014TBN	05/01/2020 22:38:45	22:41:44	0.017	0.028	16	1.3	
20014TBN	05/01/2020 22:43:36	22:46:35	0.018	0.027	17	1.2	
20014TBO	05/02/2020 13:17:14	13:20:13	0.006	0.008	12	1.5	
20014TBO	05/02/2020 13:21:26	13:24:25	0.006	0.009	11	2.1	
20014TBP	05/02/2020 13:44:49	13:47:48	0.006	0.011	11	1.8	
20014TBP	05/02/2020 13:48:25	13:51:24	0.007	0.012	12	1.7	
20014TBQ	05/02/2020 14:04:35	14:07:34	0.004	0.007	12	1.6	
20014TBQ	05/02/2020 14:08:08	14:11:07	0.003	0.007	13	1.6	
20014TBR	05/02/2020 14:24:29	14:27:28	0.010	0.018	14	1.3	
20014TBR	05/02/2020 14:28:24	14:31:23	0.010	0.018	14	1.3	
20014TBS	05/02/2020 14:37:05	14:40:04	0.012	0.022	14	1.6	
20014TBS	05/02/2020 14:40:26	14:43:25	0.012	0.023	13	1.7	
20014TBT	05/02/2020 14:52:26	14:55:25	0.003	0.006	14	1.5	
20014TBT	05/02/2020 14:55:52	14:58:51	0.005	0.008	14	1.6	
20014TBU	05/02/2020 15:11:49	15:14:48	0.012	0.025	15	1.4	
20014TBU	05/02/2020 15:15:46	15:18:45	0.011	0.024	15	1.4	
20014JAH	05/26/2020 19:50:40	19:53:39	0.007	0.010	19	1.3	
20014JAH	05/26/2020 19:54:00	19:57:04	0.009	0.014	18	1.8	
20014JAJ	05/26/2020 20:24:07	20:27:06	0.005	0.008	24	1.0	
20014JAJ	05/26/2020 20:27:50	20:30:50	0.005	0.007	19	1.5	
20014JAL	05/26/2020 21:04:00	21:07:00	0.005	0.009	25	1.1	
20014JAL	05/26/2020 21:07:17	21:10:21	0.004	0.007	12	2.6	
20014JAO	05/26/2020 21:50:00	21:52:59	0.006	0.008	20	1.4	
20014JAO	05/26/2020 21:53:32	21:56:31	0.007	0.009	19	1.5	
20014JAR	05/26/2020 22:40:14	22:43:13	0.005	0.008	22	1.2	
20014JAR	05/26/2020 22:43:30	22:46:28	0.005	0.009	16	3.3	
20014JAU	05/26/2020 23:25:14	23:28:13	0.005	0.012	25	1.2	
20014JAU	05/26/2020 23:28:37	23:31:36	0.006	0.016	25	1.1	
20014JAY	05/27/2020 12:43:25	12:46:49	0.005	0.009	18	1.4	
20014JAY	05/27/2020 12:47:12	12:50:11	0.007	0.014	22	1.3	
20014JAJ	05/27/2020 23:32:28	23:34:16	0.004	0.005	14	1.4	
20014JAA	05/26/2020 18:07:00	18:09:59	0.005	0.006	13	1.4	
20014JAA	05/26/2020 18:10:19	18:13:18	0.006	0.008	11	1.5	
20014JAB	05/26/2020 18:20:43	18:23:42	0.004	0.006	15	1.2	
20014JAB	05/26/2020 18:24:11	18:27:10	0.004	0.006	15	1.2	
20014JAC	05/26/2020 18:38:12	18:41:11	0.005	0.007	15	1.3	
20014JAC	05/26/2020 18:41:26	18:44:25	0.005	0.007	13	1.4	

GPSID	UTC Start	UTC End	Horz Prec	Vert Prec	# of SV's	PDOP	Reject
20014JAD	05/26/2020 18:49:43	18:52:42	0.006	0.007	15	1.2	
20014JAD	05/26/2020 18:52:58	18:55:57	0.006	0.008	13	1.4	
20014JAE	05/26/2020 19:03:24	19:04:27	0.005	0.006	14	1.3	
20014JAE	05/26/2020 19:07:16	19:10:15	0.004	0.006	16	1.2	
20014JAF	05/26/2020 19:22:01	19:25:00	0.004	0.006	15	1.3	
20014JAF	05/26/2020 19:26:54	19:29:53	0.004	0.006	16	1.3	
20014JAG	05/26/2020 19:41:58	19:44:57	0.005	0.007	14	1.5	
20014JAG	05/26/2020 19:45:16	19:48:15	0.005	0.008	12	1.8	
20014JAI	05/26/2020 20:15:04	20:18:03	0.005	0.008	14	1.4	
20014JAI	05/26/2020 20:18:33	20:21:33	0.005	0.007	14	1.4	
20014JAK	05/26/2020 20:54:25	20:57:24	0.007	0.009	15	1.3	
20014JAK	05/26/2020 20:57:49	21:00:48	0.007	0.009	14	1.3	
20014JAM	05/26/2020 21:22:56	21:25:57	0.007	0.009	13	2.0	
20014JAM	05/26/2020 21:26:14	21:29:13	0.007	0.009	13	1.5	
20014JAN	05/26/2020 21:39:30	21:42:29	0.006	0.009	14	1.5	
20014JAN	05/26/2020 21:43:13	21:46:12	0.006	0.010	13	1.6	
20014JAP	05/26/2020 22:05:05	22:06:37	0.007	0.013	12	1.9	
20014JAP	05/26/2020 22:07:27	22:10:26	0.006	0.012	10	2.0	
20014JAQ	05/26/2020 22:31:22	22:34:21	0.005	0.011	13	1.7	
20014JAQ	05/26/2020 22:34:44	22:37:43	0.005	0.011	13	1.7	
20014JAS	05/26/2020 22:57:02	23:00:13	0.005	0.011	14	1.6	
20014JAS	05/26/2020 23:00:57	23:03:56	0.007	0.013	13	1.6	
20014JAT	05/26/2020 23:16:53	23:19:52	0.005	0.009	13	1.4	
20014JAT	05/26/2020 23:20:17	23:23:16	0.006	0.010	13	1.4	
20014JAV	05/26/2020 23:39:57	23:42:56	0.006	0.009	14	1.4	
20014JAV	05/26/2020 23:43:24	23:46:23	0.006	0.009	13	1.4	
20014JAW	05/26/2020 23:50:39	23:53:38	0.006	0.009	15	1.3	
20014JAW	05/26/2020 23:53:55	23:56:55	0.006	0.008	7	1.9	
20014JAX	05/27/2020 12:31:17	12:34:16	0.006	0.011	14	1.5	
20014JAX	05/27/2020 12:35:05	12:38:04	0.006	0.010	14	1.5	
20014JAZ	05/27/2020 13:05:36	13:08:35	0.006	0.011	15	1.4	
20014JAZ	05/27/2020 13:09:10	13:12:09	0.006	0.011	14	1.8	
20014JBA	05/27/2020 13:23:58	13:26:57	0.006	0.012	14	1.6	
20014JBA	05/27/2020 13:29:22	13:32:21	0.006	0.011	14	1.6	
20014JBA	05/27/2020 13:32:59	13:35:58	0.006	0.011	16	1.3	
20014JBB	05/27/2020 13:48:06	13:51:23	0.006	0.010	16	1.3	
20014JBB	05/27/2020 13:51:39	13:54:38	0.006	0.010	12	2.4	
20014JBC	05/27/2020 14:04:37	14:07:36	0.006	0.010	18	1.2	
20014JBC	05/27/2020 14:08:18	14:11:17	0.006	0.010	17	1.2	
20014JBD	05/27/2020 14:21:24	14:24:23	0.006	0.009	16	1.3	
20014JBD	05/27/2020 14:24:42	14:27:41	0.006	0.009	16	1.3	
20014JBE	05/27/2020 14:37:56	14:40:55	0.006	0.008	16	1.4	
20014JBE	05/27/2020 14:41:25	14:44:24	0.006	0.008	16	1.4	
20014JBF	05/27/2020 14:56:08	14:59:07	0.006	0.008	16	1.3	
20014JBF	05/27/2020 15:00:02	15:02:55	0.006	0.009	15	1.4	
20014JBG	05/27/2020 15:15:35	15:18:34	0.006	0.009	16	1.3	
20014JBG	05/27/2020 15:18:59	15:21:58	0.007	0.010	15	1.3	
20014JBH	05/27/2020 15:25:39	15:28:38	0.005	0.008	15	1.5	
20014JBH	05/27/2020 15:28:57	15:31:56	0.005	0.008	15	1.3	
20014JBI	05/27/2020 15:36:49	15:39:48	0.005	0.008	16	1.3	
20014JBI	05/27/2020 15:40:07	15:43:07	0.005	0.008	15	1.4	
20014JBJ	05/27/2020 15:53:56	15:56:55	0.005	0.008	15	1.5	
20014JBJ	05/27/2020 15:57:14	16:00:13	0.005	0.008	15	1.5	
20014JBK	05/27/2020 16:12:11	16:15:58	0.005	0.009	15	1.5	
20014JBK	05/27/2020 16:16:29	16:19:28	0.005	0.009	15	1.5	
20014JBL	05/27/2020 16:28:56	16:31:55	0.005	0.009	15	1.5	
20014JBL	05/27/2020 16:32:18	16:35:17	0.005	0.009	15	1.5	
20014JBM	05/27/2020 16:45:52	16:52:21	0.007	0.011	10	1.6	
20014JBM	05/27/2020 16:52:46	16:55:45	0.005	0.008	15	1.4	
20014JBN	05/27/2020 17:07:36	17:10:35	0.006	0.008	16	1.2	
20014JBN	05/27/2020 17:10:54	17:13:53	0.006	0.008	16	1.2	
20014JBO	05/27/2020 17:24:08	17:27:07	0.006	0.008	15	1.3	
20014JBO	05/27/2020 17:27:26	17:30:25	0.006	0.008	12	1.9	
20014JBP	05/27/2020 17:35:24	17:38:28	0.006	0.008	15	1.2	
20014JBP	05/27/2020 17:39:31	17:42:30	0.007	0.008	15	1.2	
20014JBQ	05/27/2020 17:54:16	17:56:20	0.007	0.009	15	1.2	
20014JBQ	05/27/2020 17:57:04	18:00:03	0.006	0.008	15	1.2	
20014JBR	05/27/2020 18:12:21	18:15:20	0.007	0.009	13	1.5	
20014JBR	05/27/2020 18:15:50	18:18:49	0.007	0.009	12	1.7	
20014JBS	05/27/2020 18:27:49	18:30:48	0.008	0.011	12	1.8	
20014JBS	05/27/2020 18:31:22	18:34:21	0.007	0.010	12	1.8	
20014JBT	05/27/2020 18:47:43	18:51:20	0.006	0.009	15	1.2	
20014JBT	05/27/2020 18:51:44	18:54:43	0.006	0.009	15	1.2	

GPSID	UTC Start	UTC End	Horz Prec	Vert Prec	# of SV's	PDOP	Reject
20014JBU	05/27/2020 19:02:06	19:05:05	0.006	0.010	14	1.3	
20014JBU	05/27/2020 19:05:22	19:08:21	0.006	0.009	12	1.4	
20014JBV	05/27/2020 19:15:26	19:18:25	0.006	0.010	15	1.3	
20014JBV	05/27/2020 19:18:44	19:21:43	0.006	0.009	13	1.4	
20014JBW	05/27/2020 19:29:33	19:32:32	0.006	0.009	15	1.3	
20014JBW	05/27/2020 19:33:06	19:36:05	0.006	0.009	15	1.3	
99999	05/27/2020 19:40:22	19:40:47	0.009	0.014	15	1.3	
20014JBX	05/27/2020 19:47:02	19:50:01	0.006	0.009	14	1.5	
20014JBX	05/27/2020 19:52:33	19:55:32	0.005	0.008	14	1.5	
20014JBY	05/27/2020 20:07:37	20:10:36	0.005	0.008	13	1.7	
20014JBY	05/27/2020 20:11:36	20:14:36	0.005	0.008	13	1.7	
20014JBZ	05/27/2020 20:29:23	20:32:22	0.005	0.008	14	1.4	
20014JBZ	05/27/2020 20:32:49	20:35:48	0.005	0.008	14	1.4	
20014JCA	05/27/2020 20:50:59	20:53:58	0.008	0.010	14	1.4	
20014JCA	05/27/2020 20:54:16	20:57:15	0.007	0.009	11	1.7	
20014JCB	05/27/2020 21:13:00	21:15:59	0.006	0.008	14	1.5	
20014JCB	05/27/2020 21:16:41	21:19:40	0.006	0.009	13	2.0	
20014JCC	05/27/2020 21:26:35	21:29:34	0.006	0.008	13	1.5	
20014JCC	05/27/2020 21:30:07	21:33:06	0.006	0.008	13	1.5	
20014JCD	05/27/2020 21:49:14	21:52:13	0.006	0.010	13	1.6	
20014JCD	05/27/2020 21:52:58	21:55:57	0.006	0.009	13	1.6	
20014JCE	05/27/2020 22:06:45	22:09:44	0.004	0.007	14	1.5	
20014JCE	05/27/2020 22:10:15	22:13:14	0.004	0.007	15	1.4	
20014JCF	05/27/2020 22:18:51	22:22:10	0.004	0.008	14	1.5	
20014JCF	05/27/2020 22:22:47	22:25:46	0.006	0.013	14	1.5	
20014JCG	05/27/2020 22:36:08	22:39:07	0.005	0.010	15	1.4	
20014JCG	05/27/2020 22:39:57	22:42:56	0.003	0.007	14	1.6	
20014JCH	05/27/2020 22:56:41	22:59:40	0.004	0.007	13	1.6	
20014JCH	05/27/2020 23:00:02	23:03:01	0.004	0.007	11	1.9	
20014JCI	05/27/2020 23:09:54	23:12:53	0.005	0.007	14	1.4	
20014JCI	05/27/2020 23:13:14	23:16:13	0.005	0.007	14	1.4	
20014JCI	05/27/2020 23:13:14	23:16:13	0.005	0.007	14	1.4	
20014JCJ	05/27/2020 23:40:27	23:43:26	0.002	0.003	13	1.6	
20014JCJ	05/27/2020 23:43:44	23:46:43	0.003	0.003	7	1.9	
20014JCK	05/28/2020 12:33:07	12:36:06	0.003	0.005	14	1.5	
20014JCK	05/28/2020 12:36:27	12:39:26	0.003	0.005	13	1.6	
20014JCL	05/28/2020 12:54:42	12:56:40	0.005	0.009	15	1.4	
20014JCL	05/28/2020 12:58:20	13:01:19	0.004	0.008	14	1.4	
20014JCM	05/28/2020 13:11:01	13:14:46	0.006	0.011	15	1.6	
20014JCM	05/28/2020 13:15:21	13:18:20	0.007	0.015	15	1.6	
20014JCN	05/28/2020 13:29:49	13:32:48	0.006	0.014	14	1.7	
20014JCN	05/28/2020 13:33:13	13:36:12	0.006	0.012	13	1.7	
20014JCO	05/28/2020 13:46:41	13:49:40	0.005	0.009	15	1.4	
20014JCO	05/28/2020 13:50:57	13:53:56	0.005	0.009	15	1.4	
20014JCP	05/28/2020 14:07:14	14:10:13	0.005	0.009	12	2.0	
20014JCP	05/28/2020 14:10:34	14:13:33	0.010	0.016	12	2.0	
20014JCO	05/28/2020 14:22:47	14:25:46	0.008	0.012	14	1.5	
20014JCO	05/28/2020 14:26:12	14:29:11	0.006	0.010	13	1.9	
20014JCR	05/28/2020 14:32:33	14:35:32	0.006	0.008	15	1.4	
20014JCR	05/28/2020 14:35:54	14:38:53	0.006	0.008	13	1.8	
20014JCS	05/28/2020 14:48:58	14:51:57	0.005	0.007	15	1.4	
20014JCS	05/28/2020 14:52:24	14:55:23	0.006	0.009	14	1.4	
20014JCT	05/28/2020 15:00:54	15:03:53	0.005	0.007	14	1.4	
20014JCT	05/28/2020 15:04:14	15:07:13	0.005	0.007	15	1.3	
20014JCU	05/28/2020 15:30:06	15:33:05	0.006	0.009	16	1.3	
20014JCU	05/28/2020 15:34:00	15:36:59	0.008	0.012	16	1.3	
20014JCV	05/28/2020 15:44:09	15:47:11	0.006	0.009	16	1.3	
20014JCV	05/28/2020 15:47:32	15:50:55	0.005	0.008	16	1.3	
20014JCW	05/28/2020 16:01:27	16:04:26	0.005	0.007	16	1.4	
20014JCW	05/28/2020 16:05:51	16:08:50	0.004	0.007	16	1.3	
20014JCX	05/28/2020 16:12:36	16:15:35	0.004	0.007	16	1.3	
20014JCX	05/28/2020 16:15:55	16:18:54	0.004	0.007	16	1.3	
20014JCY	05/28/2020 16:50:03	16:53:02	0.003	0.004	17	1.2	
20014JCY	05/28/2020 16:53:40	16:56:39	0.003	0.004	17	1.2	
20014JCZ	05/28/2020 17:05:14	17:08:14	0.004	0.005	15	1.4	
20014JCZ	05/28/2020 17:08:34	17:11:58	0.004	0.005	14	1.5	
20014JDA	05/28/2020 17:20:05	17:23:04	0.005	0.006	16	1.3	
20014JDA	05/28/2020 17:23:23	17:26:22	0.006	0.007	7	2.1	
20014JDB	05/28/2020 17:38:34	17:41:33	0.006	0.007	13	1.3	
20014JDB	05/28/2020 17:41:53	17:44:52	0.006	0.008	12	1.4	
20014JDC	05/28/2020 17:52:19	17:55:18	0.007	0.009	14	1.2	
20014JDC	05/28/2020 17:55:57	17:58:56	0.006	0.007	13	1.4	
20014JDD	05/28/2020 18:04:47	18:07:46	0.005	0.007	13	1.5	
20014JDD	05/28/2020 18:10:27	18:13:26	0.005	0.007	12	1.5	

GPSID	UTC Start	UTC End	Horz Prec	Vert Prec	# of SV's	PDOP	Reject
20014JDE	05/28/2020 18:25:59	18:28:58	0.006	0.008	13	1.4	
20014JDE	05/28/2020 18:29:16	18:32:15	0.006	0.008	12	1.8	
20014JDF	05/28/2020 18:39:32	18:42:31	0.006	0.008	14	1.3	
20014JDF	05/28/2020 18:45:06	18:48:05	0.006	0.008	8	2.1	
20014JDG	05/28/2020 19:00:21	19:03:20	0.006	0.008	14	1.3	
20014JDG	05/28/2020 19:03:40	19:06:39	0.007	0.010	13	1.3	
20014JDH	05/28/2020 19:24:11	19:27:10	0.006	0.009	15	1.3	
20014JDH	05/28/2020 19:27:41	19:30:40	0.006	0.009	15	1.3	
20014JDI	05/28/2020 19:40:02	19:43:02	0.006	0.010	13	1.6	
20014JDI	05/28/2020 19:44:31	19:47:30	0.006	0.010	12	1.7	
20014JDJ	05/28/2020 20:02:30	20:05:29	0.008	0.013	15	1.3	
20014JDJ	05/28/2020 20:05:51	20:08:50	0.007	0.011	13	1.4	
20014JDK	05/28/2020 20:19:50	20:22:49	0.008	0.011	14	1.5	
20014JDK	05/28/2020 20:23:06	20:26:06	0.010	0.015	12	1.9	
20014JDL	05/28/2020 20:33:41	20:36:41	0.009	0.013	13	1.7	
20014JDL	05/28/2020 20:37:03	20:40:02	0.010	0.015	11	1.9	
20014JDM	05/28/2020 20:50:09	20:53:35	0.007	0.009	15	1.3	
20014JDM	05/28/2020 20:53:55	20:56:54	0.011	0.014	15	1.3	
20014JDN	05/28/2020 21:07:38	21:10:37	0.008	0.011	15	1.5	
20014JDN	05/28/2020 21:10:55	21:13:54	0.008	0.011	14	1.8	
20014JDO	05/28/2020 21:18:58	21:21:57	0.008	0.011	14	1.4	
20014JDO	05/28/2020 21:22:18	21:25:17	0.008	0.011	13	1.5	
20014JDP	05/28/2020 21:36:56	21:39:55	0.010	0.015	13	1.6	
20014JDP	05/28/2020 21:40:11	21:43:10	0.007	0.011	13	1.6	
20014JDQ	05/28/2020 21:58:30	22:01:29	0.008	0.014	14	1.7	
20014JDQ	05/28/2020 22:01:55	22:04:54	0.006	0.011	8	2.0	

As mentioned, each station was occupied twice (or more if needed) in succession. The Earth Centered Earth Fixed (ECEF) vector differences were rotated into a local horizon system (N, E, Up) for analysis. Stations which had observations that differed by more than 0.03 m in the vertical component were re-observed until agreement was achieved. Figure 4 summarizes the repeat baseline analysis.

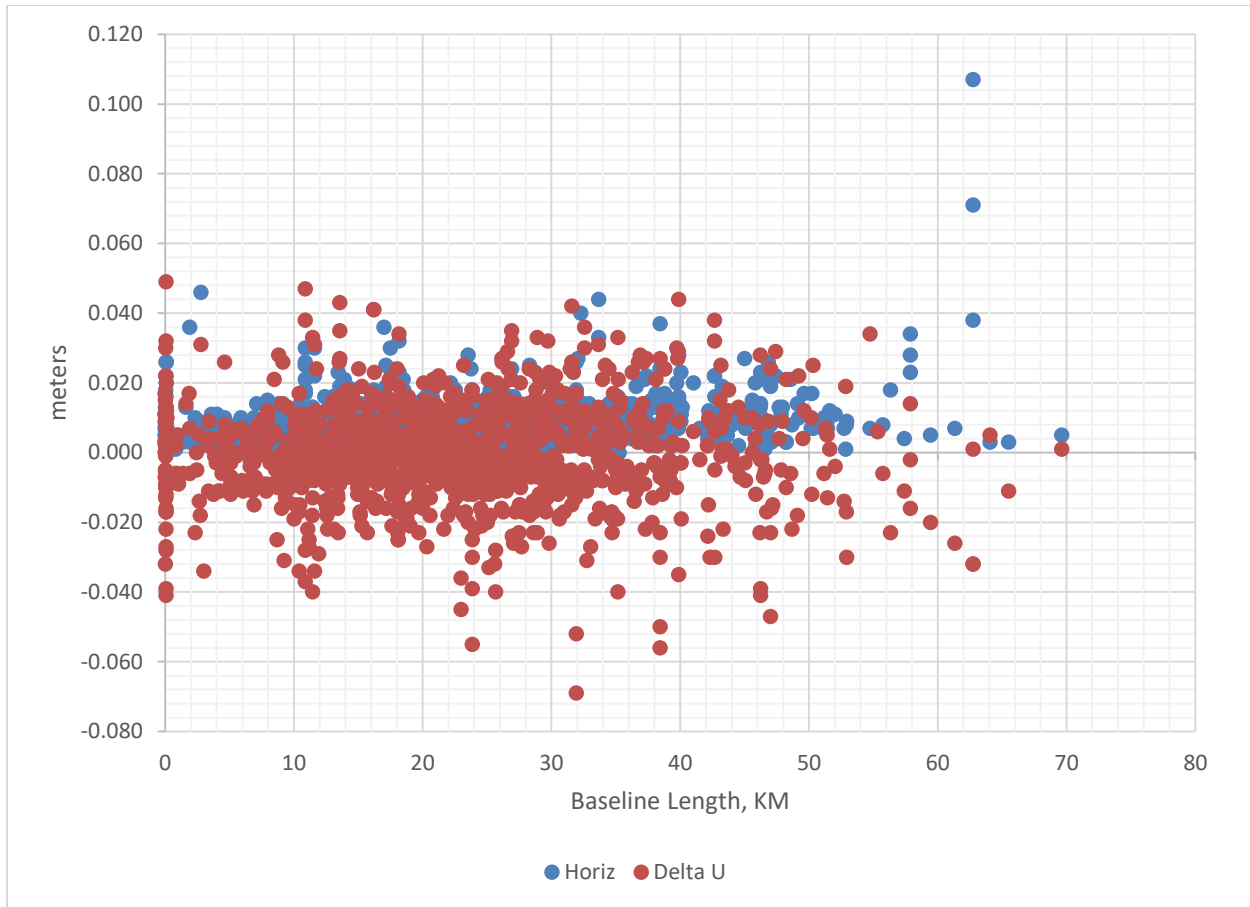


Figure 4 - Repeat Baseline Analysis

One station (NVA-ADD51; GPSID=20014TBA) was positioned by Real Time PPP methods (Trimble RTX) due to lack of cellular coverage.

WOODS VVA-F CHECK POINTS

The woods checkpoints (VVA_{Fxx}) were surveyed by two different methods. The method used in the early 2019 surveys consisted of establishing an intervisible pair of points in the open, and then using a total station to survey the checkpoint in the woods. The woods checkpoints surveyed in late 2019 and 2020 were surveyed by first establishing a temporary base station in the open nearby, and then using standard RTK methods over a radio link to locate the point in the woods.

LEAST SQUARES ADJUSTMENTS

Star*Net was used to adjust the VRS/RTK vectors and the conventional observations to the woods points. No scaling of the a priori GPS statistics was done. Station errors (centering, HI and HT) of 0.005 m were input. The GEOID12 model was used.

The adjustment constrained the VRS CORS positions (as computed and broadcast by the network) in all three dimensions (NAD83 (2011) latitude, longitude, and ellipsoidal height). The error factor was 0.683. This adjustment provided the adjusted positions (NAD83 (2011) epoch 2010.0) and GPS derived orthometric heights (NAVD88) for the stations in the network. The adjusted latitude/longitudes were transformed to UTM Zone 14 grid coordinates. At the request of the client, the positions were also transformed to NAD83 (NSRS2007) using the NGS Coordinate Conversion and Transformation (NCAT) tool.

There were five existing NSRS stations surveyed as a check on the datum ties. Figure 5 shows the locations of these benchmarks and the NAVD88 misclosures.

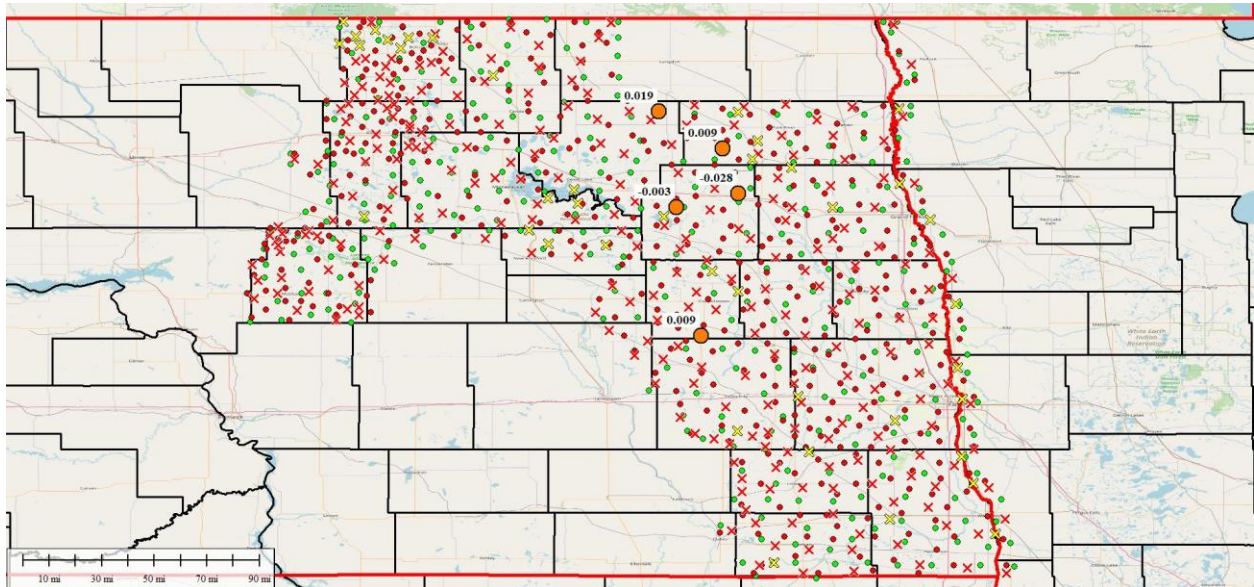


Figure 5 - NSRS vertical misclosures (meters)

SUMMARY

A LiDAR ground control network was established in eastern North Dakota. The estimated accuracy of the control network is ± 0.05 m with respect to the NAD83 (2011) epoch 2010.0 reference frame and the NAVD88 vertical datum (using GEOID12). Table 5 lists the NAD83 (2011) and NAD83 (NSRS2007) UTM Zone 14 coordinates, NAVD88 GPS derived orthometric heights, NAD83 (2011) ellipsoidal heights, and the vertical accuracies at the 95% confidence level, in meters.

Table 4 – Adjusted Coordinates and Elevations (meters)

Station Name	GPSID	NAD83 (2011)		NAD83 (NSRS2007)		Ellip Height	NAVD88	
		UTM14 Northing	UTM14 Easting	UTM14 Northing	UTM14 Easting		Ortho Height	Vertical Accuracy
GCP001	19047JFX	5287751.092	380010.270	5287751.092	380010.251	606.925	628.350	0.017
GCP002	19047JFU	5270220.894	379888.916	5270220.893	379888.896	592.188	613.465	0.014
GCP003	19047JFV	5278260.346	380697.001	5278260.345	380696.982	574.363	595.716	0.016
GCP004	19047JJV	5339111.361	392011.772	5339111.359	392011.758	438.577	460.203	0.018
GCP005	19047JJU	5345546.873	392133.211	5345546.871	392133.197	439.575	461.163	0.015
GCP006	19047JFZ	5284264.996	392340.304	5284264.996	392340.285	500.540	522.212	0.014
GCP007	19047JGB	5295488.398	394158.479	5295488.399	394158.460	489.099	510.840	0.013
GCP008	19047JFP	5260236.195	395032.949	5260236.194	395032.930	579.655	601.264	0.012
GCP009	19047JFR	5274737.701	395152.318	5274737.701	395152.299	532.387	554.047	0.014
GCP010	19047JHC	5309925.702	397656.150	5309925.703	397656.133	481.081	502.863	0.011
GCP011	19047JGC	5287365.815	398864.130	5287365.815	398864.111	484.284	506.094	0.015
GCP012	19047JJX	5334079.122	403155.923	5334079.121	403155.907	449.734	471.496	0.017
GCP013	19047JFN	5260029.909	405318.114	5260029.909	405318.095	596.532	618.296	0.014
GCP014	19047JHA	5304105.444	406076.034	5304105.445	406076.015	472.384	494.283	0.015
GCP015	19047JFG	5250246.995	406143.092	5250246.995	406143.072	570.595	592.418	0.018
GCP016	19047JHE	5316173.270	407453.361	5316173.271	407453.344	461.280	483.176	0.015
GCP017	19047JGN	5282374.625	407620.099	5282374.625	407620.080	485.128	507.081	0.018
GCP018	19047JKB	5325639.660	407869.959	5325639.660	407869.942	451.115	472.982	0.015
GCP019	19047JGS	5293634.525	408641.602	5293634.526	408641.583	484.174	506.140	0.017
GCP020	19047JJQ	5338803.707	409690.263	5338803.707	409690.246	444.143	465.945	0.015
GCP021	19047JGL	5269643.801	411104.253	5269643.801	411104.233	538.254	560.210	0.015
GCP022	19047JGQ	5287056.443	416588.335	5287056.444	416588.316	482.398	504.529	0.021
GCP023	19047JFJ	5253404.949	417282.752	5253404.949	417282.733	590.956	612.989	0.016
GCP024	19047JFK	5260364.323	418987.945	5260364.323	418987.926	583.093	605.165	0.015
GCP025	19047JJN	5346658.258	421039.207	5346658.257	421039.185	458.459	480.365	0.017
GCP026	19047JGT	5293421.180	421474.226	5293421.181	421474.207	468.359	490.575	0.016
GCP027	19047JGV	5304684.667	421861.556	5304684.668	421861.538	482.113	504.286	0.016
GCP028	19047JHH	5314360.959	421804.320	5314360.960	421804.302	458.091	480.210	0.017
GCP029	19047JKC	5327293.604	422386.520	5327293.604	422386.502	434.362	456.389	0.017
GCP030	19047JJP	5339484.461	422547.014	5339484.461	422546.993	458.207	480.164	0.020
GCP031	19047JGI	5280534.882	422931.592	5280534.883	422931.573	480.882	503.157	0.015
GCP032	19047JGH	5274241.791	425626.879	5274241.791	425626.860	482.371	504.685	0.014
GCP033	19047JME	5414346.850	428882.327	5414346.850	428882.307	623.895	645.289	0.023
GCP034	19047JMH	5425588.389	429409.076	5425588.389	429409.055	644.859	666.306	0.017
GCP035	19047JGD	5288321.065	431030.318	5288321.065	431030.299	467.169	489.605	0.015
GCP036	19047JKI	5319076.889	432854.752	5319076.890	432854.733	473.586	495.830	0.016

Station Name	GPSID	NAD83 (2011)		NAD83 (NSRS2007)		Ellip Height	NAVD88	
		UTM14 Northing	UTM14 Easting	UTM14 Northing	UTM14 Easting		Ortho Height	Vertical Accuracy
GCP037	19047JHL	5301008.724	433355.037	5301008.725	433355.019	467.026	489.440	0.015
GCP038	19047JGG	5278254.217	433583.981	5278254.218	433583.962	478.247	500.736	0.015
GCP039	19047JKE	5331951.027	433705.180	5331951.028	433705.161	457.608	479.691	0.017
GCP040	19047JJM	5346448.088	433892.281	5346448.087	433892.259	455.844	477.976	0.016
GCP041	19047JMI	5422193.851	438682.379	5422193.850	438682.359	641.031	662.644	0.016
GCP042	19047JJJ	5339883.024	441844.520	5339883.024	441844.500	462.962	485.217	0.015
GCP043	19047JKU	5366700.898	442603.308	5366700.897	442603.285	483.640	505.796	0.018
GCP044	19047JIT	5304439.842	444091.804	5304439.843	444091.785	468.270	490.862	0.016
GCP045	19047JIS	5312452.980	444373.915	5312452.982	444373.897	463.759	486.307	0.017
GCP046	19047JKF	5328612.204	444913.775	5328612.205	444913.756	478.143	500.475	0.015
GCP047	19047JHP	5288297.030	445550.474	5288297.032	445550.455	467.641	490.280	0.016
GCP048	19047JKZ	5394850.628	446097.297	5394850.627	446097.276	490.162	512.106	0.016
GCP049	19047JKW	5375508.132	447508.700	5375508.132	447508.678	465.244	487.422	0.020
GCP050	19047JMA	5412503.315	446977.073	5412503.315	446977.053	589.571	611.397	0.016
GCP051	19047JIQ	5320517.019	448048.302	5320517.020	448048.284	468.542	491.055	0.013
GCP052	19047JHN	5297925.606	448860.431	5297925.607	448860.412	473.267	495.932	0.014
GCP053	19047JKP	5354084.004	450515.166	5354084.004	450515.144	464.090	486.539	0.017
GCP054	19047JJH	5339782.902	453110.460	5339782.903	453110.440	473.844	496.414	0.017
GCP055	19047JMO	5425328.069	453855.732	5425328.069	453855.712	533.605	555.674	0.015
GCP056	19047JKR	5367373.176	457093.234	5367373.177	457093.213	472.754	495.270	0.020
GCP057	19047JIM	5333298.327	457776.621	5333298.328	457776.602	473.744	496.506	0.024
GCP058	19047JIW	5307449.446	458571.449	5307449.447	458571.430	455.627	478.497	0.011
GCP059	19047JLB	5389902.767	458866.422	5389902.767	458866.400	498.838	521.162	0.018
GCP060	19047JIK	5346962.463	459523.288	5346962.464	459523.268	455.289	478.031	0.020
GCP061	19047JHR	5297808.345	460065.973	5297808.346	460065.955	468.119	491.037	0.014
GCP062	19047JIN	5321975.588	464179.443	5321975.589	464179.424	473.114	496.115	0.016
GCP063	19047JLW	5409106.552	466188.092	5409106.551	466188.072	506.266	528.702	0.015
GCP064	19047JMQ	5421978.061	466283.826	5421978.061	466283.807	490.507	512.977	0.016
GCP065	19047JLE	5375339.718	466801.126	5375339.718	466801.105	453.054	475.764	0.019
GCP066	19047JIG	5333222.443	467447.015	5333222.444	467446.996	459.932	483.001	0.029
GCP067	19047JIY	5311069.894	468205.684	5311069.896	468205.666	457.369	480.535	0.012
GCP068	19047JLR	5394633.069	470135.127	5394633.069	470135.106	486.631	509.259	0.016
GCP069	19047JLH	5367250.602	471582.437	5367250.603	471582.417	437.141	460.046	0.014
GCP070	19047JIH	5347671.678	472322.413	5347671.679	472322.394	435.651	458.751	0.016
GCP071	19047JHT	5297820.605	472935.096	5297820.607	472935.077	476.086	499.438	0.014
GCP072	19047JKM	5354558.171	473964.581	5354558.172	473964.561	437.767	460.848	0.018
GCP073	19047JIZ	5304145.220	476158.878	5304145.222	476158.860	442.413	465.833	0.015
GCP074	19047JKJ	5321908.998	477053.253	5321909.000	477053.235	450.091	473.410	0.017

Station Name	GPSID	NAD83 (2011)		NAD83 (NSRS2007)		Ellip Height	NAVD88	
		UTM14 Northing	UTM14 Easting	UTM14 Northing	UTM14 Easting		Ortho Height	Vertical Accuracy
GCP075	19047JIB	5333301.339	478636.713	5333301.341	478636.694	438.746	462.067	0.021
GCP076	19047JLT	5399382.974	480650.798	5399382.975	480650.777	452.385	475.334	0.014
GCP077	19047JMU	5410651.018	480833.806	5410651.018	480833.786	450.433	473.368	0.015
GCP078	19047JLK	5376858.456	481271.825	5376858.457	481271.806	434.933	458.044	0.012
GCP079	19047JLM	5386513.777	481307.682	5386513.778	481307.663	444.278	467.319	0.014
GCP080	19047JMY	5426753.442	481436.535	5426753.442	481436.516	443.772	466.743	0.017
GCP081	19047JLJ	5367212.859	482838.631	5367212.860	482838.611	425.452	448.680	0.011
GCP082	19047JJK	5346997.833	485218.702	5346997.835	485218.682	420.262	443.656	0.021
GCP083	19047JJB	5297687.182	485774.916	5297687.184	485774.898	447.725	471.355	0.016
GCP084	20012JEX	5315391.200	487411.177	5315391.202	487411.159	443.069	466.636	0.017
GCP085	19047JHY	5333122.374	493151.724	5333122.377	493151.705	420.038	443.586	0.014
GCP086	20012JFX	5366615.213	494126.972	5366615.215	494126.953	425.159	448.701	0.016
GCP087	20012JHF	5394515.495	494117.955	5394515.496	494117.935	447.697	471.109	0.014
GCP088	19047TNA	5286384.644	495403.308	5286384.646	495403.290	445.257	469.067	0.015
GCP089	20012JFA	5321536.461	495780.737	5321536.463	495780.719	427.196	450.848	0.014
GCP090	19047JMZ	5426705.885	496776.518	5426705.885	496776.498	457.089	480.503	0.019
GCP091	20012JFV	5355705.186	498057.654	5355705.188	498057.634	422.795	446.427	0.016
GCP092	20012JFO	5346008.831	499587.305	5346008.834	499587.286	421.275	444.953	0.016
GCP093	19047TNE	5297642.511	500208.000	5297642.514	500207.981	454.827	478.660	0.015
GCP094	20012JGH	5375981.438	503752.790	5375981.440	503752.771	439.575	463.314	0.014
GCP095	20012JHC	5408997.983	504800.486	5408997.983	504800.465	470.773	494.468	0.015
GCP096	20012JFN	5333116.393	507207.819	5333116.395	507207.800	425.644	449.436	0.011
GCP097	20012JET	5307401.238	508329.301	5307401.242	508329.282	454.718	478.526	0.016
GCP098	20012JER	5296940.480	511571.364	5296940.483	511571.345	439.911	463.864	0.017
GCP099	20012JGD	5391216.164	511793.092	5391216.165	511793.072	463.400	487.305	0.015
GCP100	19047JNB	5425111.316	512792.571	5425111.317	512792.551	459.850	483.679	0.019
GCP101	20012JGK	5367122.894	513431.598	5367122.896	513431.578	433.735	457.756	0.016
GCP102	20012JFT	5354097.804	514451.285	5354097.806	514451.265	430.834	454.854	0.021
GCP103	19047TNI	5283141.868	514700.736	5283141.871	514700.718	435.206	459.219	0.017
GCP104	19047TOL	5321942.073	518241.320	5321942.075	518241.298	420.245	444.259	0.016
GCP105	20012JFD	5333150.670	518879.321	5333150.673	518879.300	429.034	453.040	0.013
GCP106	19047TMS	5243909.606	520113.160	5243909.607	520113.142	441.907	465.963	0.017
GCP107	20012JFE	5341213.822	520453.194	5341213.825	520453.173	426.371	450.445	0.018
GCP108	20012JEM	5312293.079	521156.195	5312293.083	521156.175	430.354	454.426	0.022
GCP109	20012JEQ	5297778.843	521229.762	5297778.845	521229.744	427.661	451.696	0.015
GCP110	19047TMV	5260835.091	524806.277	5260835.093	524806.259	434.513	458.478	0.016
GCP111	20012JGW	5404203.767	525346.382	5404203.768	525346.362	458.640	482.791	0.018
GCP112	20012JGT	5380019.704	525536.442	5380019.706	525536.423	454.170	478.425	0.016

Station Name	GPSID	NAD83 (2011)		NAD83 (NSRS2007)		Ellip Height	NAVD88	
		UTM14 Northing	UTM14 Easting	UTM14 Northing	UTM14 Easting		Ortho Height	Vertical Accuracy
GCP113	19047JND	5425135.493	525581.662	5425135.494	525581.642	452.028	476.149	0.018
GCP114	20012JGX	5415461.856	525650.276	5415461.857	525650.256	451.915	476.050	0.019
GCP115	20012JGV	5391285.495	526071.734	5391285.496	526071.714	455.274	479.524	0.020
GCP116	19047TNQ	5275318.438	526317.415	5275318.440	526317.396	457.696	481.643	0.020
GCP117	19047TNN	5281675.881	528352.317	5281675.883	528352.299	473.394	497.362	0.017
GCP118	20012JEH	5333205.645	530912.950	5333205.647	530912.929	433.039	457.272	0.023
GCP119	20012JGQ	5367172.669	531102.868	5367172.671	531102.848	440.574	464.963	0.013
GCP120	19047TMF	5224282.634	533155.144	5224282.634	533155.126	445.999	470.480	0.020
GCP121	20012JFG	5340472.072	533277.255	5340472.074	533277.235	437.545	461.867	0.018
GCP122	19047TOA	5297827.062	534122.719	5297827.064	534122.700	426.272	450.356	0.013
GCP123	19047TMP	5244767.850	534584.994	5244767.850	534584.977	431.834	456.206	0.016
GCP124	20012JFJ	5352554.396	534803.795	5352554.398	534803.776	435.471	459.849	0.015
GCP125	19047TOG	5311399.396	535416.094	5311399.398	535416.074	429.244	453.494	0.014
GCP126	20012JEF	5324573.071	536595.947	5324573.073	536595.926	432.864	457.151	0.022
GCP127	19047TLK	5200174.988	539444.797	5200174.987	539444.779	432.523	457.229	0.017
GCP128	20012JGO	5369639.773	540736.880	5369639.775	540736.860	444.124	468.709	0.014
GCP129	19047TNV	5274986.259	540750.754	5274986.260	540750.736	462.848	486.912	0.016
GCP130	19047TNT	5257732.721	545732.717	5257732.722	545732.699	422.557	446.896	0.019
GCP131	19047TMB	5214359.496	546831.786	5214359.496	546831.768	426.669	451.424	0.017
GCP132	19047TMK	5244863.332	549077.930	5244863.333	549077.912	420.770	445.416	0.016
GCP133	19047TOV	5283324.633	550039.056	5283324.634	550039.037	422.419	446.615	0.016
GCP134	20012JDN	5339859.749	552556.524	5339859.750	552556.504	441.060	465.721	0.017
GCP135	19047TOO	5312311.630	553005.831	5312311.631	553005.812	437.504	461.864	0.014
GCP136	20012JDH	5355971.611	553989.530	5355971.613	553989.510	445.713	470.427	0.016
GCP137	19047TLH	5184984.557	554060.545	5184984.557	554060.526	428.080	452.831	0.019
GCP138	19047TLW	5225722.640	554663.716	5225722.640	554663.699	416.119	441.013	0.015
GCP139	19047TLG	5175757.222	555766.397	5175757.222	555766.379	425.586	450.436	0.020
GCP140	19047TOR	5297062.007	556349.418	5297062.008	556349.399	436.692	460.987	0.013
GCP141	20012JDE	5369192.717	556814.906	5369192.719	556814.887	466.768	491.701	0.025
GCP142	20012JED	5324583.553	557525.312	5324583.554	557525.293	438.496	463.152	0.017
GCP143	19047TLN	5198899.393	559166.206	5198899.393	559166.187	416.621	441.474	0.014
GCP144	19047TOZ	5276043.888	561849.198	5276043.889	561849.179	416.257	440.852	0.021
GCP145	19047TLD	5170944.354	562223.850	5170944.353	562223.832	421.685	446.734	0.019
GCP146	20012JDQ	5341543.944	565378.947	5341543.945	565378.927	445.580	470.560	0.014
GCP147	19047TPL	5259547.381	566017.395	5259547.382	566017.376	413.273	438.193	0.012
GCP148	19047TLU	5225919.133	569749.126	5225919.132	569749.108	401.087	426.256	0.015
GCP149	19047TKY	5184688.998	570120.467	5184688.997	570120.449	405.634	430.753	0.015
GCP150	19047TLB	5176206.605	570165.200	5176206.604	570165.183	420.340	445.542	0.016

Station Name	GPSID	NAD83 (2011)		NAD83 (NSRS2007)		Ellip Height	NAVD88	
		UTM14 Northing	UTM14 Easting	UTM14 Northing	UTM14 Easting		Ortho Height	Vertical Accuracy
GCP151	19047THR	5117932.346	570173.037	5117932.345	570173.018	389.113	414.132	0.018
GCP152	20012JCT	5369075.181	571294.461	5369075.182	571294.442	441.491	466.829	0.016
GCP153	19047TPR	5243498.534	573360.921	5243498.534	573360.903	404.824	430.018	0.013
GCP154	20012JDA	5355760.099	574827.856	5355760.100	574827.837	431.497	456.773	0.020
GCP155	19047TKS	5166203.603	575109.100	5166203.602	575109.082	408.121	433.382	0.016
GCP156	20012JBB	5315635.955	575375.233	5315635.956	575375.214	442.423	467.374	0.015
GCP157	19047TCM	5213968.806	575741.453	5213968.805	575741.436	403.620	428.818	0.014
GCP158	19047TPC	5283768.961	575797.112	5283768.962	575797.093	430.810	455.819	0.026
GCP159	19047TJH	5133966.176	575838.076	5133966.175	575838.057	389.562	414.478	0.016
GCP160	20012JAV	5296513.528	578852.456	5296513.528	578852.437	434.110	459.186	0.015
GCP161	19047TJK	5151715.663	578883.569	5151715.663	578883.552	395.421	420.593	0.016
GCP162	19047TPP	5254815.361	579694.020	5254815.360	579694.003	428.855	454.168	0.014
GCP163	20012JDY	5336918.096	579907.278	5336918.097	579907.258	398.037	423.396	0.015
GCP164	19047THW	5095460.204	580018.333	5095460.202	580018.315	393.168	418.526	0.015
GCP165	20012JBD	5324024.257	580092.400	5324024.258	580092.380	427.074	452.320	0.021
GCP166	19047TBH	5225092.127	583572.338	5225092.126	583572.321	424.924	450.292	0.018
GCP167	19047THY	5087467.943	585579.405	5087467.940	585579.387	370.959	396.357	0.017
GCP168	19047JDI	5275025.039	587504.935	5275025.040	587504.917	413.749	439.209	0.015
GCP169	19047TCQ	5198521.124	587559.274	5198521.122	587559.257	388.914	414.212	0.014
GCP170	19047THO	5122965.029	587752.044	5122965.027	587752.027	389.939	415.157	0.015
GCP171	19047THV	5110089.372	587926.038	5110089.369	587926.021	384.031	409.362	0.014
GCP172	19047TJN	5164716.612	588307.736	5164716.612	588307.717	388.693	414.152	0.021
GCP173	19047TJD	5134188.643	590347.835	5134188.641	590347.817	386.698	411.977	0.016
GCP174	20012JCM	5369333.660	590519.819	5369333.661	590519.799	298.595	324.484	0.017
GCP175	19047TKO	5176027.077	591090.259	5176027.075	591090.241	377.460	403.021	0.017
GCP176	19047TBE	5243736.033	591093.500	5243736.032	591093.482	382.470	407.941	0.022
GCP177	19047TIB	5095656.018	592926.464	5095656.016	592926.447	371.754	397.274	0.015
GCP178	20012JAN	5296504.321	593323.364	5296504.321	593323.346	371.908	397.563	0.014
GCP179	19047TCH	5214818.940	593430.375	5214818.938	593430.359	353.107	378.571	0.014
GCP180	19047TJA	5143885.149	593452.824	5143885.147	593452.805	368.544	393.953	0.014
GCP181	20012JCJ	5351580.682	595716.481	5351580.683	595716.462	274.517	300.302	0.013
GCP182	19047TCT	5184737.578	595764.710	5184737.576	595764.693	350.186	375.783	0.020
GCP183	19047JDO	5253385.009	595808.829	5253385.008	595808.811	359.567	385.214	0.014
GCP184	20012JBQ	5324272.993	596186.881	5324272.993	596186.862	320.440	346.286	0.015
GCP185	20012JBV	5340397.944	597528.187	5340397.945	597528.168	288.900	314.790	0.012
GCP186	19047TJS	5152020.249	598099.966	5152020.247	598099.948	347.143	372.699	0.014
GCP187	19047TCK	5224574.165	599658.016	5224574.162	599657.999	330.413	355.928	0.017
GCP188	20012JAP	5283980.808	601593.942	5283980.808	601593.923	316.599	342.517	0.012

Station Name	GPSID	NAD83 (2011)		NAD83 (NSRS2007)		Ellip Height	NAVD88	
		UTM14 Northing	UTM14 Easting	UTM14 Northing	UTM14 Easting		Ortho Height	Vertical Accuracy
GCP189	19047TIH	5107083.474	602388.976	5107083.471	602388.958	363.258	388.807	0.011
GCP190	19047TIJ	5095786.568	602584.304	5095786.565	602584.286	362.750	388.354	0.024
GCP191	20012JAI	5311467.298	602775.047	5311467.299	602775.029	317.896	343.977	0.016
GCP192	19047THL	5133502.570	603238.721	5133502.568	603238.703	339.010	364.584	0.015
GCP193	20012JCG	5369544.440	603408.796	5369544.441	603408.776	241.185	267.402	0.015
GCP194	19047JDS	5261534.323	606926.341	5261534.323	606926.324	309.726	335.691	0.014
GCP195	19047TIR	5116827.462	607078.187	5116827.459	607078.170	354.341	379.934	0.013
GCP196	20012JBN	5326032.195	607429.135	5326032.195	607429.117	261.473	287.722	0.018
GCP197	19047TJX	5163543.869	607567.194	5163543.865	607567.176	315.471	341.304	0.013
GCP198	19047TCC	5214997.799	607902.369	5214997.797	607902.352	331.109	356.777	0.012
GCP199	19047TKD	5176289.403	610890.789	5176289.399	610890.773	313.191	339.129	0.016
GCP200	19047TIL	5086271.511	611402.674	5086271.508	611402.656	382.850	408.409	0.017
GCP201	20012JCB	5350284.451	611843.121	5350284.451	611843.102	233.628	259.946	0.014
GCP202	19047TBB	5239239.594	612251.076	5239239.593	612251.059	321.311	347.004	0.020
GCP203	20012JAE	5297022.883	612607.135	5297022.882	612607.117	310.029	336.334	0.013
GCP204	19047TBZ	5197260.681	613120.966	5197260.677	613120.950	332.666	358.532	0.015
GCP205	19047JDE	5275324.150	613130.457	5275324.150	613130.439	305.403	331.601	0.013
GCP206	20012JBY	5340686.782	613714.752	5340686.782	613714.735	237.399	263.806	0.016
GCP207	19047TBM	5224774.181	614165.476	5224774.179	614165.460	345.044	370.755	0.012
GCP208	19047TJU	5150815.810	615896.811	5150815.807	615896.791	301.150	327.004	0.016
GCP209	19047TIO	5104121.189	616867.525	5104121.186	616867.507	339.919	365.646	0.017
GCP210	20012JBL	5311635.888	617225.297	5311635.889	617225.279	253.830	280.323	0.017
GCP211	19047TIV	5133636.763	617772.983	5133636.761	617772.963	306.272	332.159	0.018
GCP212	19047THK	5095231.489	619350.868	5095231.487	619350.849	338.414	364.168	0.016
GCP213	19047TBX	5200647.424	621084.762	5200647.420	621084.746	302.738	328.763	0.015
GCP214	19047JDV	5255350.172	621373.397	5255350.171	621373.380	282.202	308.373	0.016
GCP215	19047JBC	5326365.502	621963.107	5326365.501	621963.090	230.930	257.614	0.018
GCP216	19047JDC	5268283.004	622771.563	5268283.003	622771.546	279.810	306.186	0.015
GCP217	19047TDC	5184581.875	622987.251	5184581.870	622987.234	275.114	301.290	0.021
GCP218	19047JCE	5369944.018	625962.074	5369944.017	625962.053	219.376	246.135	0.016
GCP219	19047JCI	5355368.377	626059.167	5355368.376	626059.149	221.317	248.065	0.021
GCP220	19047THE	5123489.125	626130.517	5123489.122	626130.498	303.490	329.417	0.017
GCP221	19047THG	5110616.944	626389.902	5110616.941	626389.884	320.370	346.237	0.018
GCP222	19047TGY	5168531.515	626515.543	5168531.512	626515.525	295.667	321.856	0.018
GCP223	19047JCO	5298993.628	626964.758	5298993.627	626964.740	251.764	278.396	0.015
GCP224	19047TBS	5210537.453	628910.164	5210537.450	628910.149	284.957	310.983	0.015
GCP225	19047JCM	5340926.523	629678.920	5340926.521	629678.904	222.629	249.417	0.018
GCP226	19047THD	5136499.211	629723.270	5136499.209	629723.249	302.253	328.359	0.020

Station Name	GPSID	NAD83 (2011)		NAD83 (NSRS2007)		Ellip Height	NAVD88	
		UTM14 Northing	UTM14 Easting	UTM14 Northing	UTM14 Easting		Ortho Height	Vertical Accuracy
GCP227	19047JEA	5241290.892	629820.295	5241290.890	629820.278	274.675	300.677	0.016
GCP228	19047JBK	5426519.103	632136.838	5426519.106	632136.819	216.875	243.615	0.013
GCP229	19047TEP	5096273.618	633139.537	5096273.615	633139.518	327.819	353.682	0.016
GCP230	19047TBQ	5225133.858	633403.176	5225133.856	633403.160	282.958	309.008	0.020
GCP231	19047JCV	5279748.859	633775.521	5279748.857	633775.504	267.622	294.297	0.015
GCP232	19047JBG	5312056.529	634705.460	5312056.529	634705.442	230.760	257.533	0.013
GCP233	19047JBO	5420118.049	635484.650	5420118.050	635484.629	216.696	243.554	0.017
GCP234	19047TER	5117260.078	635821.152	5117260.075	635821.133	303.651	329.680	0.015
GCP235	19047JBA	5325751.928	636321.368	5325751.926	636321.351	224.430	251.325	0.015
GCP236	19047TAR	5196526.220	636716.719	5196526.216	636716.703	258.907	285.004	0.016
GCP237	19047JBN	5426647.126	637800.579	5426647.129	637800.557	215.798	242.654	0.015
GCP238	19047TFZ	5149538.074	638357.395	5149538.074	638357.373	298.506	324.741	0.016
GCP239	19047JBV	5375214.528	638581.874	5375214.523	638581.855	217.059	244.076	0.017
GCP240	19047JBQ	5407382.546	639108.212	5407382.545	639108.192	214.764	241.805	0.013
GCP241	19047JBI	5355837.353	640106.730	5355837.354	640106.716	217.129	244.158	0.020
GCP242	19047TGU	5175724.243	642415.149	5175724.246	642415.125	256.118	282.540	0.016
GCP243	19047JBU	5389910.370	642683.539	5389910.365	642683.523	216.872	243.965	0.016
GCP244	19047TGB	5160984.907	642701.808	5160984.910	642701.785	280.242	306.614	0.017
GCP245	19047JAV	5341417.969	643822.611	5341417.965	643822.599	220.451	247.441	0.015
GCP246	19047JAA	5274500.235	644293.633	5274500.230	644293.616	252.851	279.555	0.016
GCP247	19047JCA	5375414.514	644614.415	5375414.509	644614.399	217.806	244.939	0.012
GCP248	19047JCC	5369745.464	644740.638	5369745.460	644740.623	217.301	244.439	0.014
GCP249	19047JEF	5254239.260	645405.008	5254239.256	645404.992	250.144	276.622	0.011
GCP250	19047JBS	5394802.220	645736.459	5394802.216	645736.441	218.479	245.618	0.013
GCP251	19047TEM	5094952.475	645943.323	5094952.473	645943.304	356.999	382.966	0.024
GCP252	19047TFE	5122405.201	646927.941	5122405.200	646927.922	296.096	322.352	0.017
GCP253	19047TGP	5185177.018	646953.134	5185177.024	646953.107	251.952	278.315	0.014
GCP254	19047JAJ	5291357.929	648088.564	5291357.926	648088.546	234.735	261.584	0.014
GCP255	19047TFL	5136855.024	648311.058	5136855.023	648311.039	294.969	321.239	0.013
GCP256	19047TFD	5109571.947	648847.298	5109571.945	648847.280	307.318	333.592	0.016
GCP257	19047JAS	5325361.706	649171.968	5325361.702	649171.947	223.484	250.458	0.014
GCP258	19047JAQ	5311046.620	651118.351	5311046.618	651118.331	227.793	254.700	0.012
GCP259	19047TAJ	5225565.899	651130.734	5225565.896	651130.718	247.833	274.002	0.015
GCP260	19047TAK	5212656.608	653030.157	5212656.606	653030.141	247.347	273.393	0.019
GCP261	19047TAF	5241783.578	653822.535	5241783.574	653822.518	244.810	271.268	0.014
GCP262	19047TFU	5151580.022	655892.223	5151580.024	655892.201	286.340	312.738	0.017
GCP263	19047JEJ	5264158.914	656609.317	5264158.909	656609.300	238.624	265.318	0.014
GCP264	19047TGG	5175788.004	656895.228	5175788.010	656895.200	255.048	281.557	0.014

Station Name	GPSID	NAD83 (2011)		NAD83 (NSRS2007)		Ellip Height	NAVD88	
		UTM14 Northing	UTM14 Easting	UTM14 Northing	UTM14 Easting		Ortho Height	Vertical Accuracy
GCP265	19047TAO	5196788.196	659494.942	5196788.199	659494.919	247.955	274.225	0.017
GCP266	19047JAL	5297551.452	659608.484	5297551.451	659608.464	232.475	259.373	0.014
GCP267	19047TEJ	5095462.548	660368.394	5095462.547	660368.374	315.160	341.351	0.028
GCP268	19047TEZ	5118004.289	661472.945	5118004.289	661472.927	276.150	302.697	0.020
GCP269	19047JAD	5274983.205	661793.922	5274983.200	661793.907	237.529	264.322	0.016
GCP270	19047JAE	5280663.354	664006.408	5280663.344	664006.401	236.796	263.613	0.015
GCP271	19047JEQ	5254933.105	667992.062	5254933.099	667992.046	240.762	267.545	0.020
GCP272	19047TFQ	5136652.748	669320.690	5136652.747	669320.670	263.999	290.564	0.017
GCP273	19047JES	5240449.418	669831.349	5240449.412	669831.331	241.314	268.005	0.016
GCP274	19047TDG	5184974.254	671158.041	5184974.269	671158.011	251.649	278.230	0.011
GCP275	19047TEV	5110181.987	671262.373	5110181.986	671262.355	271.985	298.534	0.016
GCP276	19047JEU	5224463.086	671894.709	5224463.083	671894.692	242.111	268.543	0.017
GCP277	19047JEZ	5213175.267	672237.253	5213175.265	672237.237	245.147	271.504	0.014
GCP278	19047TDL	5161772.724	673082.734	5161772.723	673082.711	257.180	283.635	0.012
GCP279	19047TEX	5123111.405	674126.397	5123111.403	674126.380	267.490	294.197	0.013
GCP280	19047TDI	5175554.117	676180.330	5175554.122	676180.306	255.227	281.726	0.014
GCP281	19047JFC	5195689.640	677281.906	5195689.641	677281.885	253.325	279.878	0.015
GCP282	19047TDN	5152235.217	678213.078	5152235.216	678213.058	262.529	289.056	0.013
GCP283	19047TEG	5095985.128	681243.306	5095985.126	681243.287	276.702	303.146	0.016
GCP284	19047TEF	5107289.389	684227.844	5107289.387	684227.826	273.714	300.360	0.016
GCP285	19047TDV	5123016.078	686966.928	5123016.076	686966.911	267.645	294.469	0.017
GCP286	19047TDT	5136445.117	688997.854	5136445.115	688997.835	269.823	296.701	0.015
GCP287	19047TEB	5109869.042	693730.334	5109869.038	693730.317	271.416	298.118	0.019
GCP288	19047TEC	5095564.148	695712.083	5095564.145	695712.064	277.730	304.287	0.014
GCP-ADD01	20014JAP	5422569.713	413403.378	5422569.713	413403.358	625.888	647.161	0.019
GCP-ADD02	20014JCE	5365998.386	432948.072	5365998.385	432948.048	457.066	479.040	0.014
GCP-ADD03	20014JCT	5366349.100	410438.306	5366349.099	410438.285	430.170	451.821	0.014
GCP-ADD04	20014TAD	5242139.955	415485.987	5242139.955	415485.969	591.111	613.198	0.030
GCP-ADD05	20014TBO	5243325.173	373580.552	5243325.170	373580.532	547.579	569.006	0.016
GCP-ADD06	20014TBL	5247266.828	398634.235	5247266.827	398634.216	569.307	591.024	0.040
GCP-ADD07	20014TBU	5255584.456	385115.195	5255584.455	385115.175	568.571	590.050	0.035
GCP-ADD08	20014TBS	5260228.529	373209.694	5260228.528	373209.675	571.562	592.753	0.033
GCP-ADD09	20014TBN	5244110.950	386510.714	5244110.949	386510.693	547.537	569.140	0.040
GCP-ADD10	20014TAU	5298916.255	383513.821	5298916.254	383513.802	494.898	516.502	0.036
GCP-ADD11	20014JCX	5356514.680	413195.993	5356514.680	413195.972	437.018	458.772	0.014
GCP-ADD12	20014JDC	5346912.661	407293.274	5346912.660	407293.257	442.404	464.139	0.015
GCP-ADD13	20014JBW	5378955.210	428310.461	5378955.209	428310.437	460.911	482.648	0.016
GCP-ADD14	20014JCH	5356069.072	434823.548	5356069.072	434823.524	455.511	477.616	0.014

Station Name	GPSID	NAD83 (2011)		NAD83 (NSRS2007)		Ellip Height	NAVD88	
		UTM14 Northing	UTM14 Easting	UTM14 Northing	UTM14 Easting		Ortho Height	Vertical Accuracy
GCP-ADD15	20014JBH	5402973.734	437167.823	5402973.733	437167.802	502.397	524.059	0.015
GCP-ADD16	20014JAW	5406522.331	417960.874	5406522.331	417960.852	488.207	509.544	0.015
GCP-ADD17	20014JCL	5367223.366	423320.738	5367223.365	423320.713	450.216	472.006	0.015
GCP-ADD18	20014JBP	5390360.855	420401.731	5390360.854	420401.708	452.359	473.870	0.015
GCP-ADD19	20014JBL	5390149.884	436402.144	5390149.883	436402.121	471.793	493.571	0.015
GCP-ADD20	20014JCR	5376028.000	407363.105	5376028.000	407363.085	433.363	454.906	0.015
NVA001	19047TJG	5130786.194	579109.433	5130786.192	579109.415	383.408	408.422	0.017
NVA002	19047TBU	5216806.122	620728.641	5216806.119	620728.626	324.262	350.178	0.014
NVA003	19047TFB	5105152.405	662555.085	5105152.404	662555.067	297.774	324.128	0.015
NVA004	20012JDI	5354360.686	554004.372	5354360.687	554004.352	446.856	471.563	0.017
NVA005	19047TLF	5174141.342	557376.620	5174141.341	557376.601	422.577	447.487	0.019
NVA006	20012JDS	5341660.045	575032.647	5341660.047	575032.627	426.533	451.744	0.014
NVA007	19047TAC	5225764.519	663230.059	5225764.515	663230.042	241.270	267.608	0.018
NVA008	19047JKL	5352489.407	480339.305	5352489.408	480339.286	425.543	448.808	0.020
NVA009	19047TLJ	5191842.531	552416.693	5191842.530	552416.675	425.916	450.690	0.014
NVA010	19047TNH	5287973.859	512177.961	5287973.861	512177.943	435.336	459.335	0.016
NVA011	19047TKJ	5188335.559	579689.943	5188335.557	579689.926	398.627	423.871	0.013
NVA012	19047TFP	5130916.615	666202.968	5130916.614	666202.949	270.847	297.425	0.016
NVA013	20012JDO	5333457.832	557446.415	5333457.833	557446.395	436.950	461.709	0.015
NVA014	19047TEI	5095699.109	670007.530	5095699.109	670007.510	297.269	323.562	0.017
NVA015	20012JGU	5392895.539	522940.009	5392895.540	522939.989	459.706	483.876	0.018
NVA016	19047THQ	5124443.120	579718.249	5124443.119	579718.231	378.509	403.584	0.016
NVA017	19047TFR	5140815.953	674042.217	5140815.952	674042.197	262.134	288.724	0.017
NVA018	19047TBI	5229292.762	588546.392	5229292.761	588546.374	375.655	401.079	0.015
NVA019	20012JDW	5345104.930	589380.685	5345104.932	589380.665	320.843	346.458	0.011
NVA020	19047TAI	5231938.465	647667.724	5231938.462	647667.708	254.612	280.850	0.014
NVA021	19047TOW	5273864.639	550382.773	5273864.640	550382.755	447.825	472.041	0.017
NVA022	19047JGO	5280876.510	401984.086	5280876.510	401984.066	510.317	532.154	0.019
NVA023	19047TCU	5182541.273	595787.265	5182541.271	595787.249	351.504	377.120	0.017
NVA024	20012JBX	5340559.483	607148.763	5340559.484	607148.744	248.522	274.722	0.014
NVA025	19047JLZ	5410864.355	450170.207	5410864.354	450170.187	566.905	588.836	0.013
NVA026	19047TFX	5148000.119	641613.427	5148000.119	641613.406	298.343	324.610	0.017
NVA027	19047JIP	5318871.866	452019.282	5318871.867	452019.263	477.210	499.846	0.014
NVA028	19047JAG	5290677.536	654458.032	5290677.534	654458.015	232.206	259.065	0.015
NVA029	19047JAU	5333300.817	642434.613	5333300.812	642434.596	222.754	249.719	0.014
NVA030	19047JIF	5331613.994	467429.071	5331613.996	467429.052	458.743	481.818	0.018
NVA031	19047TOH	5313052.822	541794.046	5313052.824	541794.026	426.306	450.581	0.015
NVA032	19047TCR	5193759.150	592393.712	5193759.147	592393.695	360.295	385.731	0.016

Station Name	GPSID	NAD83 (2011)		NAD83 (NSRS2007)		Ellip Height	NAVD88	
		UTM14 Northing	UTM14 Easting	UTM14 Northing	UTM14 Easting		Ortho Height	Vertical Accuracy
NVA033	19047TCB	5213386.417	607944.367	5213386.415	607944.350	331.509	357.191	0.012
NVA034	20012JGS	5376780.741	529446.576	5376780.742	529446.556	449.974	474.330	0.015
NVA035	19047JCP	5299195.955	636770.428	5299195.953	636770.410	237.464	264.218	0.011
NVA036	20012JAO	5291777.227	596696.724	5291777.227	596696.706	344.589	370.370	0.013
NVA037	20012JGP	5370430.321	542325.703	5370430.322	542325.683	447.101	471.721	0.013
NVA038	19047JCF	5373089.857	622417.042	5373089.856	622417.021	223.439	250.114	0.016
NVA039	19047JLC	5386230.638	449237.025	5386230.637	449237.002	466.668	488.775	0.018
NVA040	20012JAF	5300334.195	615829.897	5300334.195	615829.878	287.773	314.174	0.015
NVA041	19047TEW	5113348.318	669602.409	5113348.316	669602.391	271.300	297.891	0.017
NVA042	19047TEO	5091622.511	635646.355	5091622.509	635646.336	332.859	358.619	0.016
NVA043	19047JKG	5327054.047	438458.379	5327054.048	438458.359	464.567	486.757	0.014
NVA044	19047TDE	5184769.493	632500.734	5184769.491	632500.716	264.033	290.329	0.018
NVA045	19047JDB	5263455.765	626021.607	5263455.764	626021.591	271.906	298.295	0.015
NVA046	19047TDJ	5168289.197	676403.426	5168289.199	676403.401	257.816	284.239	0.015
NVA047	20012JDK	5351024.318	544424.663	5351024.320	544424.643	437.615	462.113	0.017
NVA048	19047JHB	5301738.726	403949.973	5301738.727	403949.955	472.366	494.236	0.013
NVA049	19047JDQ	5263873.620	597260.847	5263873.619	597260.829	354.197	379.924	0.015
NVA050	20012JAQ	5282281.332	596770.014	5282281.332	596769.996	346.876	372.621	0.012
NVA051	19047JBJ	5360742.098	638524.155	5360742.097	638524.139	217.210	244.252	0.015
NVA052	19047TOY	5270736.690	560282.696	5270736.691	560282.678	414.483	439.059	0.019
NVA053	20012JHI	5402571.058	490271.957	5402571.059	490271.937	446.412	469.674	0.015
NVA054	19047THU	5113273.709	586260.901	5113273.707	586260.883	378.468	403.734	0.015
NVA055	20012JDZ	5333578.735	573524.379	5333578.736	573524.359	433.234	458.409	0.015
NVA056	20012JCI	5348541.303	602494.120	5348541.304	602494.101	255.716	281.711	0.014
NVA057	20012JDC	5354421.608	565244.827	5354421.609	565244.807	451.351	476.345	0.018
NVA058	19047JIR	5317369.216	439421.431	5317369.216	439421.412	458.911	481.295	0.016
NVA059	19047JEB	5237944.347	629901.503	5237944.345	629901.487	282.683	308.657	0.018
NVA060	19047JCU	5274728.387	624276.023	5274728.385	624276.005	284.404	310.863	0.015
NVA061	19047JED	5247717.230	642483.415	5247717.226	642483.399	258.016	284.365	0.012
NVA062	19047TKH	5176436.281	618330.651	5176436.277	618330.634	302.262	328.346	0.014
NVA063	20012JFP	5346017.115	494778.612	5346017.117	494778.593	422.032	445.619	0.016
NVA064	19047TNM	5289593.415	522712.424	5289593.417	522712.406	429.033	453.050	0.016
NVA065	19047TCP	5209905.752	587077.369	5209905.750	587077.352	394.843	420.193	0.016
NVA066	19047JAI	5284930.168	646649.137	5284930.164	646649.119	238.653	265.460	0.015
NVA067	20012JFB	5322655.423	493132.642	5322655.425	493132.624	423.502	447.118	0.013
NVA068	19047TBW	5205519.796	619324.170	5205519.792	619324.155	314.221	340.177	0.015
NVA069	19047JFQ	5266631.607	398258.666	5266631.607	398258.647	582.089	603.752	0.013
NVA070	19047TEQ	5112412.195	635935.956	5112412.193	635935.937	306.216	332.262	0.015

Station Name	GPSID	NAD83 (2011)		NAD83 (NSRS2007)		Ellip Height	NAVD88	
		UTM14 Northing	UTM14 Easting	UTM14 Northing	UTM14 Easting		Ortho Height	Vertical Accuracy
NVA071	19047JCH	5358695.075	625904.277	5358695.074	625904.259	221.390	248.144	0.016
NVA072	19047JNA	5425105.709	507976.389	5425105.710	507976.369	451.878	475.588	0.015
NVA073	19047TCV	5185830.509	600563.929	5185830.505	600563.912	334.077	359.758	0.021
NVA074	19047JDP	5258249.520	600539.041	5258249.520	600539.023	332.353	358.138	0.016
NVA075	20012JBI	5321278.588	610736.418	5321278.589	610736.400	259.110	285.464	0.020
NVA076	20012JFS	5352475.530	509517.562	5352475.531	509517.542	423.647	447.540	0.016
NVA077	19047JET	5233971.257	668431.568	5233971.253	668431.552	241.639	268.193	0.018
NVA078	19047TPB	5285117.182	567733.153	5285117.182	567733.135	434.575	459.265	0.026
NVA079	19047TGQ	5190001.961	646852.553	5190001.967	646852.525	251.409	277.667	0.013
NVA080	19047TLA	5188008.118	563631.125	5188008.117	563631.107	428.895	453.825	0.014
NVA081	20012JGG	5376791.754	513394.759	5376791.755	513394.739	447.171	471.150	0.013
NVA082	19047JFA	5208285.645	670790.113	5208285.642	670790.097	245.250	271.589	0.011
NVA083	19047JBL	5424984.993	635369.634	5424984.996	635369.614	216.492	243.308	0.012
NVA084	19047JMR	5425207.678	464701.836	5425207.677	464701.818	491.400	513.842	0.014
NVA085	19047TIM	5089480.643	612306.465	5089480.640	612306.447	379.968	405.584	0.015
NVA086	20012JCH	5358202.462	598803.239	5358202.463	598803.220	259.680	285.593	0.014
NVA087	19047JDA	5257153.508	632622.858	5257153.506	632622.841	266.951	293.317	0.013
NVA088	20012JEO	5305819.427	516363.032	5305819.430	516363.013	434.416	458.372	0.016
NVA089	19047TIY	5144232.669	612774.001	5144232.667	612773.980	315.329	341.113	0.020
NVA090	19047TJO	5162045.195	589951.678	5162045.194	589951.660	386.166	411.634	0.017
NVA091	19047TJW	5158702.713	610911.460	5158702.710	610911.441	311.509	337.361	0.012
NVA092	19047JBD	5329557.382	621807.118	5329557.382	621807.100	229.665	256.350	0.018
NVA093	19047TAH	5248108.000	656963.664	5248107.995	656963.648	239.852	266.417	0.011
NVA094	19047THI	5099937.033	629832.853	5099937.031	629832.834	327.924	353.826	0.019
NVA095	19047TGI	5171085.371	661866.806	5171085.375	661866.780	253.010	279.491	0.014
NVA096	19047JAM	5301398.796	651364.154	5301398.794	651364.134	229.925	256.784	0.013
NVA097	19047JCK	5349123.060	635952.133	5349123.063	635952.120	219.059	245.975	0.023
NVA098	19047JIX	5305846.095	461729.221	5305846.096	461729.204	451.702	474.677	0.012
NVA099	19047TNW	5278602.327	540717.543	5278602.328	540717.525	456.102	480.162	0.014
NVA100	19047TFE	5114490.872	650307.135	5114490.870	650307.117	296.749	323.079	0.017
NVA101	19047TIS	5118591.694	619807.683	5118591.691	619807.664	325.323	351.114	0.015
NVA102	20012JDL	5338174.414	547748.678	5338174.416	547748.658	435.874	460.420	0.016
NVA103	19047JCL	5344068.297	621588.880	5344068.296	621588.862	224.896	251.505	0.016
NVA104	19047TOQ	5301095.043	557920.241	5301095.044	557920.222	440.523	464.858	0.015
NVA105	20012JDF	5367326.341	556870.727	5367326.343	556870.707	462.688	487.600	0.016
NVA106	19047JDD	5271380.104	617899.561	5271380.103	617899.544	292.557	318.850	0.016
NVA107	19047JLL	5383308.574	481296.633	5383308.575	481296.614	443.813	466.877	0.013
NVA108	19047TBR	5202369.951	625878.495	5202369.947	625878.480	284.735	310.795	0.015

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		UTM14 Northing	UTM14 Easting	UTM14 Northing	UTM14 Easting		Ortho Height	Vertical Accuracy
NVA109	19047TJQ	5156811.568	594779.537	5156811.566	594779.520	360.900	386.427	0.019
NVA110	19047TAY	5230089.742	638092.136	5230089.740	638092.120	258.780	284.896	0.017
NVA111	19047TKE	5173092.302	611963.522	5173092.298	611963.505	305.975	331.933	0.014
NVA112	19047TNU	5264156.904	544061.150	5264156.904	544061.132	436.323	460.522	0.017
NVA113	19047TKX	5179058.713	570163.903	5179058.712	570163.886	408.539	433.724	0.018
NVA114	19047JKS	5365827.688	449026.323	5365827.687	449026.301	472.577	494.893	0.022
NVA115	20012JGE	5384819.478	508557.758	5384819.479	508557.738	456.354	480.185	0.012
NVA116	19047JCX	5271790.057	637046.619	5271790.054	637046.603	271.866	298.513	0.015
NVA117	20012JBE	5314298.323	583436.439	5314298.323	583436.421	424.074	449.370	0.019
NVA118	20012JHH	5397729.190	495122.098	5397729.191	495122.078	451.143	474.580	0.014
NVA119	19047JKO	5357675.091	460213.521	5357675.091	460213.500	460.828	483.508	0.025
NVA120	19047TFT	5148545.636	662971.736	5148545.637	662971.714	266.880	293.301	0.018
NVA121	19047TIQ	5112008.720	607158.937	5112008.717	607158.919	355.117	380.709	0.022
NVA122	19047TKQ	5172942.577	600768.535	5172942.574	600768.519	336.835	362.564	0.018
NVA123	19047TJC	5143770.380	587010.031	5143770.379	587010.013	386.770	412.033	0.017
NVA124	20012JEW	5315457.550	480457.599	5315457.552	480457.580	448.864	472.290	0.019
NVA125	20012JHA	5418666.464	517646.303	5418666.465	517646.282	455.935	479.898	0.016
NVA126	20012JBA	5310882.065	569037.876	5310882.066	569037.857	435.158	459.897	0.029
NVA127	20012JAC	5292089.299	607936.713	5292089.299	607936.694	314.999	341.161	0.011
NVA128	19047JJO	5318762.392	464955.574	5318762.394	464955.555	487.873	510.900	0.013
NVA129	19047TMC	5211099.551	542028.935	5211099.551	542028.917	429.232	453.892	0.019
NVA130	19047TAB	5217672.232	660956.633	5217672.228	660956.617	242.877	269.082	0.016
NVA131	19047TME	5223920.434	533421.318	5223920.434	533421.301	446.836	471.322	0.017
NVA132	20012JCP	5369177.764	579307.605	5369177.765	579307.585	370.912	396.489	0.016
NVA133	19047JFM	5260269.658	406160.283	5260269.657	406160.264	609.246	631.026	0.013
NVA134	19047TDB	5183612.708	614993.077	5183612.704	614993.061	307.604	333.610	0.016
NVA135	19047TKK	5179164.903	584597.859	5179164.901	584597.842	395.072	420.513	0.015
NVA136	19047TNR	5259267.889	536063.828	5259267.890	536063.810	428.233	452.400	0.020
NVA137	19047JJW	5332517.509	399915.040	5332517.508	399915.025	479.377	501.116	0.019
NVA138	19047JHI	5312687.408	428147.973	5312687.409	428147.955	469.727	491.963	0.019
NVA139	19047TPG	5266137.782	572928.111	5266137.783	572928.093	392.055	417.186	0.017
NVA140	19047TKC	5177849.125	607115.190	5177849.121	607115.173	326.390	352.245	0.015
NVA141	19047JGE	5291677.118	431786.726	5291677.120	431786.707	457.788	480.226	0.016
NVA142	20012JCO	5370926.207	588912.244	5370926.208	588912.224	314.544	340.394	0.019
NVA143	19047JJZ	5332239.787	416035.804	5332239.787	416035.786	441.481	463.400	0.019
NVA144	19047JJR	5345254.240	409789.779	5345254.238	409789.762	443.724	465.493	0.016
NVA145	20012JGB	5388062.954	495744.207	5388062.956	495744.187	444.326	467.806	0.014
NVA146	20012JAA	5287453.642	617621.875	5287453.642	617621.857	303.126	329.498	0.014

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		UTM14 Northing	UTM14 Easting	UTM14 Northing	UTM14 Easting		Ortho Height	Vertical Accuracy
NVA147	19047JLV	5410689.400	469430.916	5410689.400	469430.896	496.358	518.903	0.017
NVA148	20012JBP	5325902.086	597772.543	5325902.087	597772.524	323.738	349.636	0.015
NVA149	20012JAX	5300758.673	572383.288	5300758.673	572383.269	436.637	461.451	0.016
NVA150	20012JBC	5320715.324	575279.993	5320715.326	575279.975	439.847	464.846	0.021
NVA151	19047JHS	5300964.185	469732.166	5300964.186	469732.148	453.913	477.169	0.013
NVA152	19047TAN	5189063.974	660698.640	5189063.978	660698.616	249.357	275.764	0.011
NVA153	19047TLQ	5204156.632	566221.981	5204156.632	566221.963	409.420	434.378	0.013
NVA154	19047JBH	5315374.179	639497.498	5315374.178	639497.480	228.259	255.091	0.017
NVA155	19047TAZ	5233032.173	625201.201	5233032.171	625201.185	298.162	324.037	0.016
NVA156	19047JEM	5259649.477	663070.245	5259649.471	663070.228	237.453	264.186	0.013
NVA157	19047JJT	5345518.089	393742.744	5345518.088	393742.730	439.587	461.187	0.015
NVA158	20012JFM	5347665.999	515602.756	5347666.002	515602.736	425.631	449.640	0.017
NVA159	19047JBB	5326495.664	633083.761	5326495.662	633083.744	225.192	252.063	0.015
NVA160	19047JJI	5339847.944	448235.330	5339847.945	448235.309	477.423	499.841	0.019
NVA161	20012JCA	5350478.539	613461.860	5350478.539	613461.840	232.300	258.677	0.016
NVA162	19047TOM	5317123.413	549753.786	5317123.414	549753.767	433.589	457.978	0.014
NVA163	19047JEK	5265883.961	659802.254	5265883.956	659802.236	237.240	263.976	0.015
NVA164	19047JMX	5425144.999	482221.402	5425145.000	482221.383	445.285	468.272	0.016
NVA165	19047TMN	5249656.243	542464.201	5249656.243	542464.183	424.527	448.976	0.018
NVA166	19047TBJ	5235844.250	596259.091	5235844.249	596259.074	348.199	373.644	0.015
NVA167	19047JEH	5262387.620	648580.029	5262387.616	648580.013	248.384	275.002	0.012
NVA168	20012JHK	5417046.225	498357.167	5417046.226	498357.147	473.786	497.247	0.015
NVA169	19047TIT	5124993.306	615257.092	5124993.303	615257.073	320.821	346.573	0.016
NVA170	19047TFN	5138789.406	659521.592	5138789.406	659521.572	279.843	306.253	0.015
NVA171	19047TEY	5122827.173	661393.522	5122827.172	661393.503	272.594	299.146	0.015
NVA172	19047TMH	5241698.437	542766.561	5241698.437	542766.544	425.314	449.872	0.017
NVA173	19047JLY	5402759.156	458150.144	5402759.156	458150.124	517.369	539.577	0.015
NVA174	19047TGE	5179018.679	660067.804	5179018.686	660067.776	252.526	279.039	0.013
NVA175	20012JCL	5361293.747	587452.485	5361293.748	587452.466	334.098	359.791	0.016
NVA176	19047JHV	5294482.392	479327.332	5294482.394	479327.314	439.833	463.351	0.015
NVA177	19047TPT	5237194.637	570522.540	5237194.637	570522.522	406.062	431.212	0.015
NVA178	19047JCN	5305394.575	625203.507	5305394.574	625203.489	245.032	271.660	0.014
NVA179	20012JFZ	5375209.280	489337.595	5375209.281	489337.575	428.831	452.191	0.017
NVA180	19047TEE	5096261.969	692484.640	5096261.967	692484.621	276.766	303.314	0.017
NVA181	19047TPU	5240303.210	561898.454	5240303.210	561898.435	391.906	416.885	0.016
NVA182	20012JCD	5364124.551	614778.704	5364124.551	614778.684	229.087	255.546	0.015
NVA183	19047TAM	5204717.483	658048.221	5204717.480	658048.203	245.828	272.024	0.030
NVA184	19047TEN	5098092.500	644287.533	5098092.498	644287.514	337.317	363.337	0.013

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NVA185	19047JGP	5287135.331	411749.346	5287135.332	411749.327	492.495	514.529	0.021
NVA186	19047JMF	5425669.171	423006.762	5425669.171	423006.741	686.209	707.564	0.018
NVA187	20012JHB	5410607.637	511240.877	5410607.638	511240.857	461.697	485.549	0.015
NVA188	19047TGV	5178495.881	639088.464	5178495.883	639088.441	258.058	284.455	0.016
NVA189	19047TIG	5111851.635	597514.378	5111851.633	597514.361	377.919	403.372	0.012
NVA190	19047JDY	5247220.626	616783.637	5247220.625	616783.619	312.008	337.917	0.019
NVA191	19047TGO	5170680.848	647384.069	5170680.852	647384.043	259.158	285.607	0.016
NVA192	19047JMV	5418676.624	488635.249	5418676.624	488635.230	451.801	474.974	0.018
NVA193	19047JCW	5283154.675	640199.832	5283154.671	640199.815	252.504	279.265	0.017
NVA194	19047TMJ	5238588.282	551300.673	5238588.282	551300.655	420.966	445.731	0.016
NVA195	19047TBF	5240553.818	586554.818	5240553.818	586554.801	411.780	437.199	0.023
NVA196	19047JCY	5263704.418	637216.280	5263704.416	637216.263	267.778	294.320	0.013
NVA197	20012JCU	5372261.280	568034.140	5372261.281	568034.121	453.147	478.422	0.019
NVA198	19047TLS	5219018.280	556389.319	5219018.280	556389.301	412.287	437.236	0.015
NVA199	19047JMP	5420401.497	460692.343	5420401.497	460692.324	521.425	543.698	0.013
NVA200	19047TES	5123615.374	632564.899	5123615.371	632564.879	299.476	325.487	0.016
NVA201	19047JCS	5284605.575	628890.937	5284605.573	628890.920	272.341	298.958	0.018
NVA202	20012JDP	5338331.973	565394.959	5338331.975	565394.940	443.918	468.902	0.014
NVA203	19047JBP	5408986.572	639048.520	5408986.571	639048.500	215.476	242.509	0.019
NVA204	19047TLP	5211302.838	561330.642	5211302.837	561330.624	410.495	435.504	0.017
NVA205	19047JLG	5365660.211	468355.318	5365660.213	468355.297	445.068	467.891	0.014
NVA206	19047TKG	5166796.171	620122.434	5166796.168	620122.416	298.987	325.064	0.015
NVA207	19047THM	5124824.716	603771.625	5124824.714	603771.607	354.258	379.809	0.014
NVA208	19047JHD	5311456.881	400922.139	5311456.881	400922.122	471.441	493.261	0.011
NVA209	19047TLX	5230563.196	554592.459	5230563.197	554592.441	415.956	440.827	0.016
NVA210	19047TLZ	5225660.520	548353.923	5225660.521	548353.905	424.876	449.674	0.017
NVA211	19047TNG	5291202.401	506654.143	5291202.403	506654.125	444.985	468.922	0.016
NVA212	19047JCD	5375037.371	633562.443	5375037.367	633562.423	218.252	245.153	0.019
NVA213	19047TBU	5125856.886	683521.455	5125856.885	683521.437	268.163	294.965	0.016
NVA214	19047TDD	5179840.648	627905.321	5179840.644	627905.303	265.344	291.609	0.020
NVA215	20012JGY	5412232.935	520836.728	5412232.936	520836.708	452.419	476.459	0.018
NVA216	19047TOT	5289344.003	554630.695	5289344.005	554630.677	395.436	419.715	0.014
NVA217	19047TNO	5281619.472	530841.713	5281619.473	530841.694	440.528	464.506	0.015
NVA218	19047TOP	5304257.843	550102.494	5304257.844	550102.475	433.656	457.872	0.012
NVA219	19047JHM	5297981.400	442983.206	5297981.401	442983.187	465.345	487.929	0.015
NVA220	19047TPD	5278475.830	576258.782	5278475.830	576258.764	433.583	458.679	0.030
NVA221	19047JII	5348025.983	467693.918	5348025.984	467693.898	436.063	459.039	0.015
NVA222	19047JHQ	5294598.125	458488.326	5294598.126	458488.308	471.419	494.287	0.015

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		UTM14 Northing	UTM14 Easting	UTM14 Northing	UTM14 Easting		Ortho Height	Vertical Accuracy
NVA223	19047JDH	5276039.125	601916.657	5276039.125	601916.638	315.586	341.479	0.013
NVA224	19047TGJ	5158206.340	662098.752	5158206.343	662098.729	260.308	286.781	0.016
NVA225	19047JHF	5319382.214	412598.166	5319382.214	412598.148	470.449	492.406	0.016
NVA226	20012JFH	5346127.862	538068.703	5346127.864	538068.684	444.238	468.646	0.017
NVA227	20012JAS	5288529.802	585396.908	5288529.803	585396.890	421.186	446.505	0.015
NVA228	20012JEG	5328402.505	536577.453	5328402.508	536577.432	436.221	460.514	0.024
NVA229	19047JJL	5341631.341	432214.346	5341631.341	432214.325	461.420	483.516	0.016
NVA230	19047TMY	5255996.080	518422.875	5255996.082	518422.857	445.159	469.028	0.015
NVA231	19047TCE	5211642.915	599900.786	5211642.913	599900.769	330.666	356.225	0.013
NVA232	20012JCZ	5352182.855	579750.668	5352182.856	579750.648	384.560	409.926	0.017
NVA233	20012JFC	5329932.477	522107.380	5329932.480	522107.358	432.230	456.303	0.015
NVA234	19047JFS	5274908.621	386943.362	5274908.620	386943.343	602.310	623.773	0.013
NVA235	19047TAS	5194513.554	633895.951	5194513.549	633895.936	261.128	287.269	0.017
NVA236	20012JHE	5400965.160	511228.511	5400965.161	511228.491	469.601	493.481	0.013
NVA237	19047TIW	5137926.527	619270.538	5137926.525	619270.517	302.732	328.667	0.020
NVA238	19047TIP	5110519.699	618357.990	5110519.696	618357.971	332.143	357.888	0.015
NVA239	19047JLS	5396166.234	478133.278	5396166.235	478133.258	457.663	480.543	0.016
NVA240	19047TGX	5167057.048	632984.568	5167057.046	632984.548	294.782	321.070	0.012
NVA241	19047JAC	5278622.385	653013.873	5278622.381	653013.857	237.256	263.995	0.016
NVA242	19047TPK	5256317.337	563612.861	5256317.337	563612.843	412.361	437.215	0.011
NVA243	19047TBA	5234410.214	612337.357	5234410.212	612337.340	329.214	354.876	0.018
NVA244	19047TII	5099900.504	602521.789	5099900.501	602521.771	363.845	389.439	0.014
NVA245	19047TOK	5316566.361	525504.447	5316566.365	525504.426	423.195	447.373	0.015
NVA246	19047TDM	5152097.137	675004.617	5152097.137	675004.598	260.518	287.018	0.012
NVA247	19047TLT	5224250.337	565840.027	5224250.336	565840.009	407.971	433.069	0.016
NVA248	19047JDW	5255276.139	618227.170	5255276.138	618227.153	299.583	325.705	0.017
NVA249	19047JBW	5375172.885	638584.117	5375172.881	638584.098	216.676	243.693	0.014
NVA250	19047TNB	5283148.057	498615.090	5283148.059	498615.072	442.468	466.337	0.015
NVA251	19047TCA	5203698.240	606657.346	5203698.237	606657.330	328.846	354.555	0.014
NVA252	19047JHK	5304612.395	429695.000	5304612.396	429694.982	466.230	488.552	0.016
NVA253	19047JCQ	5289502.438	635240.883	5289502.435	635240.865	252.449	279.172	0.016
NVA254	19047TKU	5169412.457	573351.705	5169412.457	573351.687	406.864	432.121	0.017
NVA255	19047TBC	5243777.087	603977.420	5243777.087	603977.402	321.164	346.767	0.021
NVA256	19047TNX	5288083.689	541994.199	5288083.691	541994.180	429.867	453.945	0.013
NVA257	19047TCL	5226184.540	599624.392	5226184.538	599624.375	331.585	357.093	0.017
NVA258	19047JGY	5303179.134	415226.995	5303179.135	415226.976	471.294	493.352	0.017
NVA259	19047TFV	5153081.502	651077.643	5153081.504	651077.620	293.036	319.420	0.021
NVA260	19047TEK	5090483.849	655112.281	5090483.847	655112.261	330.098	356.139	0.016

Station Name	GPSID	NAD83 (2011)		NAD83 (NSRS2007)		Ellip Height	NAVD88	
		UTM14 Northing	UTM14 Easting	UTM14 Northing	UTM14 Easting		Ortho Height	Vertical Accuracy
NVA261	19047TFJ	5127180.208	646829.426	5127180.207	646829.407	297.418	323.655	0.011
NVA262	20012JEC	5318939.300	557749.687	5318939.301	557749.667	442.541	467.115	0.023
NVA263	19047JKN	5357608.946	469909.890	5357608.946	469909.871	450.184	473.121	0.015
NVA264	19047JKD	5328903.391	422410.850	5328903.390	422410.832	438.077	460.087	0.016
NVA265	19047TJT	5150452.465	601366.343	5150452.462	601366.325	349.563	375.163	0.015
NVA266	19047TET	5130184.363	637222.490	5130184.361	637222.471	300.790	326.926	0.013
NVA267	19047JMD	5415871.320	434446.406	5415871.319	434446.385	640.712	662.210	0.018
NVA268	19047TKB	5166351.094	605729.675	5166351.091	605729.658	307.136	332.945	0.011
NVA269	19047JGK	5271152.766	415902.512	5271152.766	415902.493	559.643	581.724	0.016
NVA270	19047JMK	5417908.998	445432.790	5417908.997	445432.770	609.355	631.126	0.013
NVA271	19047TPE	5269290.992	579546.158	5269290.992	579546.140	433.030	458.305	0.020
NVA272	19047JDK	5272665.231	587529.746	5272665.230	587529.727	411.455	436.929	0.014
NVA273	19047TGA	5157590.802	636529.642	5157590.802	636529.621	279.603	305.881	0.016
NVA274	19047THC	5144501.787	627261.719	5144501.784	627261.699	302.011	328.073	0.023
NVA275	19047TIA	5093981.564	588116.666	5093981.563	588116.647	372.746	398.211	0.015
NVA276	19047JAR	5317485.462	650897.631	5317485.461	650897.612	225.934	252.875	0.013
NVA277	19047TDA	5189116.784	606883.961	5189116.780	606883.945	327.022	352.801	0.015
NVA278	19047JDJ	5279037.444	585043.717	5279037.443	585043.699	429.281	454.637	0.015
NVA279	19047TPQ	5249958.522	578138.556	5249958.521	578138.539	416.826	442.115	0.014
NVA280	19047TNF	5297656.718	501821.227	5297656.721	501821.208	439.491	463.345	0.019
NVA281	20012JFY	5370349.597	489330.668	5370349.599	489330.648	427.339	450.732	0.017
NVA282	19047TJL	5156599.507	578822.413	5156599.506	578822.395	400.745	425.976	0.019
NVA283	20012JFK	5355760.037	531596.102	5355760.039	531596.082	435.799	460.146	0.014
NVA284	19047TBT	5213792.894	632037.181	5213792.891	632037.165	281.893	307.912	0.016
NVA285	19047TGH	5175655.299	653673.245	5175655.305	653673.216	255.515	282.013	0.014
NVA286	19047TAU	5205036.872	637062.431	5205036.869	637062.415	263.305	289.289	0.017
NVA287	19047THB	5157288.740	622161.689	5157288.737	622161.670	299.562	325.602	0.023
NVA288	19047JKX	5377081.903	452362.036	5377081.903	452362.014	466.429	488.725	0.017
NVA289	20012JAH	5305121.683	614150.026	5305121.683	614150.008	284.375	310.761	0.014
NVA290	19047JDM	5254915.767	587791.395	5254915.767	587791.377	406.929	432.419	0.016
NVA291	20012JAK	5301645.383	599718.486	5301645.384	599718.467	318.524	344.459	0.015
NVA292	20012JGJ	5367133.747	502190.338	5367133.749	502190.318	427.442	451.172	0.015
NVA293	19047TOJ	5318739.087	533374.301	5318739.090	533374.281	443.426	467.690	0.015
NVA294	19047TAQ	5199622.214	643404.364	5199622.214	643404.346	254.838	280.902	0.016
NVA295	19047TDR	5147496.476	681628.178	5147496.474	681628.158	265.216	291.851	0.014
NVA296	20012JEU	5307371.588	505131.653	5307371.591	505131.633	456.161	479.937	0.018
NVA297	19047JEC	5247536.621	634475.612	5247536.619	634475.596	262.575	288.772	0.016
NVA298	19047JHZ	5328597.317	486751.064	5328597.320	486751.044	421.916	445.397	0.016

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		UTM14 Northing	UTM14 Easting	UTM14 Northing	UTM14 Easting		Ortho Height	Vertical Accuracy
NVA299	20012JAM	5304771.403	591590.172	5304771.404	591590.154	376.489	402.116	0.015
NVA300	19047JEG	5255980.999	651900.703	5255980.993	651900.687	243.426	270.000	0.012
NVA301	19047JHX	5333115.506	496345.195	5333115.509	496345.176	423.776	447.380	0.013
NVA302	19047TNP	5276930.390	527919.783	5276930.391	527919.765	465.515	489.467	0.020
NVA303	19047JFH	5251898.240	410802.649	5251898.240	410802.630	592.531	614.431	0.017
NVA304	19047TOB	5300973.561	541877.831	5300973.563	541877.812	432.999	457.135	0.011
NVA305	19047TLM	5199905.394	550733.216	5199905.393	550733.198	422.997	447.809	0.016
NVA306	19047TNZ	5294578.674	530908.489	5294578.676	530908.470	422.571	446.620	0.013
NVA307	19047TMX	5266459.098	523170.601	5266459.100	523170.583	437.087	461.017	0.015
NVA308	19047JGA	5292313.524	392482.131	5292313.523	392482.113	508.412	530.123	0.014
NVA309	20012JEL	5313866.733	511317.280	5313866.736	511317.260	420.440	444.267	0.017
NVA310	19047TPO	5261236.981	579632.844	5261236.981	579632.826	421.956	447.259	0.016
NVA311	19047JKV	5370718.427	442652.500	5370718.426	442652.477	475.111	497.219	0.022
NVA312	19047TMQ	5233545.308	528876.194	5233545.308	528876.177	437.662	462.036	0.017
NVA313	20012JEE	5322011.936	541427.522	5322011.938	541427.503	442.750	467.085	0.020
NVA314	19047JAK	5294652.958	648014.604	5294652.956	648014.586	233.341	260.188	0.012
NVA315	19047TBP	5221784.968	628641.986	5221784.966	628641.970	294.782	320.790	0.018
NVA316	20012JBG	5314489.058	594677.299	5314489.059	594677.279	324.774	350.573	0.018
NVA317	20012JDX	5330512.173	583192.777	5330512.174	583192.758	381.816	407.260	0.014
NVA318	19047THX	5089101.273	584931.479	5089101.270	584931.461	373.089	398.490	0.017
NVA319	20012JAJ	5308200.072	603792.041	5308200.074	603792.023	317.994	344.096	0.015
NVA320	19047JJG	5341189.790	491553.734	5341189.792	491553.715	422.692	446.209	0.014
NVA321	19047JDF	5279322.437	611457.072	5279322.437	611457.054	310.128	336.297	0.012
NVA322	19047TOF	5305748.419	532238.868	5305748.422	532238.849	432.457	456.638	0.014
NVA323	19047JDR	5264746.199	606877.031	5264746.199	606877.013	308.171	334.154	0.015
NVA324	19047JGJ	5277573.934	417594.997	5277573.935	417594.978	479.517	501.673	0.015
NVA325	20012JFI	5352567.072	536149.978	5352567.073	536149.959	435.690	460.084	0.013
NVA326	19047JMJ	5422453.973	438638.510	5422453.972	438638.490	649.550	671.164	0.014
NVA327	19047JLF	5370544.712	463917.614	5370544.712	463917.593	454.364	477.034	0.014
NVA328	20012JAY	5293208.577	569260.670	5293208.578	569260.652	439.022	463.707	0.016
NVA329	19047TML	5246487.819	550675.223	5246487.819	550675.205	406.431	431.086	0.015
NVA330	19047TCN	5213040.249	578987.152	5213040.247	578987.134	404.014	429.251	0.015
NVA331	20012JBO	5329256.790	605758.237	5329256.790	605758.219	261.040	287.228	0.017
NVA332	19047TJE	5129399.022	595249.495	5129399.020	595249.477	374.351	399.737	0.016
NVA333	19047TDH	5179509.537	674497.387	5179509.543	674497.361	253.618	280.177	0.013
NVA334	19047TMT	5244745.224	524930.395	5244745.224	524930.378	438.250	462.411	0.017
NVA335	20012JFR	5347630.543	505988.664	5347630.544	505988.645	422.271	446.075	0.014
NVA336	19047TGZ	5162184.311	626915.577	5162184.308	626915.558	298.051	324.212	0.019

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NVA337	19047TLV	5229167.742	576254.381	5229167.741	576254.364	401.044	426.331	0.015
NVA338	20012JAT	5293427.891	588547.029	5293427.892	588547.010	407.562	433.008	0.014
NVA339	19047TBN	5223169.632	614196.721	5223169.629	614196.705	349.452	375.174	0.012
NVA340	19047TAV	5209286.154	646677.916	5209286.153	646677.899	251.997	277.971	0.015
NVA341	19047TKM	5172777.798	589523.677	5172777.796	589523.660	378.474	404.006	0.017
NVA342	19047TCI	5219617.363	591724.262	5219617.360	591724.245	357.028	382.477	0.015
NVA343	19047JAF	5285492.496	661585.872	5285492.490	661585.861	235.594	262.410	0.015
NVA344	19047JER	5245266.088	668331.448	5245266.081	668331.430	241.268	267.993	0.019
NVA345	19047TCG	5203520.013	592114.009	5203520.011	592113.992	360.953	386.358	0.014
NVA346	19047TAE	5237007.198	657175.359	5237007.193	657175.343	242.270	268.726	0.016
NVA347	20012JCF	5371224.151	606618.854	5371224.151	606618.833	237.422	263.729	0.015
NVA348	19047THS	5113766.133	570200.446	5113766.132	570200.427	376.200	401.282	0.016
NVA349	19047JJF	5302555.294	493865.362	5302555.296	493865.343	440.595	464.315	0.015
NVA350	19047TBY	5194099.306	616421.846	5194099.301	616421.830	317.033	343.005	0.016
NVA351	19047TEA	5112327.820	690479.597	5112327.817	690479.580	270.082	296.836	0.018
NVA352	19047JBE	5315072.462	624990.524	5315072.462	624990.506	234.830	261.490	0.014
NVA353	19047TBL	5226277.528	608489.937	5226277.525	608489.920	332.797	358.405	0.011
NVA354	19047JLQ	5390003.801	466904.275	5390003.801	466904.255	483.049	505.615	0.015
NVA355	19047JFW	5287725.577	381139.110	5287725.577	381139.091	598.331	619.784	0.016
NVA356	19047JBT	5391578.285	645800.221	5391578.281	645800.206	218.926	246.072	0.015
NVA357	20012JGM	5362305.886	521804.289	5362305.888	521804.269	434.388	458.582	0.014
NVA358	19047JMS	5423548.212	471125.753	5423548.212	471125.733	463.616	486.255	0.015
NVA359	20012JDB	5352849.681	570081.229	5352849.682	570081.209	446.525	471.641	0.019
NVA360	19047TAW	5222113.940	641516.186	5222113.937	641516.170	259.804	285.859	0.015
NVA361	19047TFM	5141746.438	649808.541	5141746.438	649808.520	294.218	320.528	0.015
NVA362	19047JFB	5198791.341	675568.902	5198791.343	675568.882	250.199	276.680	0.014
NVA363	20012JBS	5336491.834	591795.124	5336491.835	591795.105	325.019	350.723	0.011
NVA364	20012JCV	5359383.874	568192.653	5359383.875	568192.632	453.327	478.454	0.017
NVA-ADD01	20014JAM	5422454.549	421381.928	5422454.549	421381.908	649.504	670.823	0.016
NVA-ADD02	20014JAS	5414526.949	416487.160	5414526.949	416487.140	598.563	619.829	0.019
NVA-ADD03	20014JAE	5407684.933	446908.624	5407684.933	446908.603	546.191	568.043	0.013
NVA-ADD04	20014JAZ	5407940.108	427622.231	5407940.108	427622.211	511.060	532.495	0.018
NVA-ADD05	20014JAV	5408105.590	416327.481	5408105.590	416327.460	507.010	528.319	0.016
NVA-ADD06	20014JAF	5406175.873	442118.518	5406175.873	442118.497	559.443	581.180	0.013
NVA-ADD07	20014JAA	5401191.482	453303.965	5401191.482	453303.944	522.008	544.089	0.014
NVA-ADD08	20014JAD	5402875.214	445270.101	5402875.214	445270.080	534.733	556.580	0.014
NVA-ADD09	20014JBC	5396857.389	414595.897	5396857.388	414595.876	454.559	475.959	0.017
NVA-ADD10	20014JBE	5399879.610	427523.183	5399879.610	427523.161	470.199	491.716	0.015

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		UTM14 Northing	UTM14 Easting	UTM14 Northing	UTM14 Easting		Ortho Height	Vertical Accuracy
NVA-ADD11	20014JBJ	5396483.142	439696.240	5396483.141	439696.218	490.344	512.126	0.015
NVA-ADD12	20014JBD	5396473.048	423711.721	5396473.048	423711.699	461.573	483.065	0.016
NVA-ADD13	20014JBK	5393366.637	434787.255	5393366.637	434787.233	475.880	497.591	0.015
NVA-ADD14	20014JBO	5391944.001	422042.772	5391944.000	422042.750	453.205	474.719	0.015
NVA-ADD15	20014JBG	5401320.250	437198.816	5401320.249	437198.794	495.140	516.821	0.016
NVA-ADD16	20014JBT	5385266.929	437943.013	5385266.929	437942.990	466.246	488.105	0.016
NVA-ADD17	20014JBS	5383807.639	426731.095	5383807.638	426731.072	460.953	482.618	0.018
NVA-ADD18	20014JCQ	5377626.736	407389.426	5377626.735	407389.405	433.957	455.487	0.018
NVA-ADD19	20014JCW	5358219.768	413230.938	5358219.767	413230.917	433.856	455.601	0.014
NVA-ADD20	20014JBZ	5372371.440	436228.861	5372371.439	436228.838	474.459	496.414	0.015
NVA-ADD21	20014JCM	5375831.791	421820.648	5375831.790	421820.624	457.482	479.157	0.020
NVA-ADD22	20014JCU	5367833.176	416872.999	5367833.174	416872.976	427.376	449.081	0.017
NVA-ADD23	20014JCG	5364425.996	429717.382	5364425.994	429717.358	461.914	483.843	0.015
NVA-ADD24	20014JDO	5360205.740	447364.574	5360205.740	447364.551	471.690	494.016	0.018
NVA-ADD25	20014JCD	5364339.270	437744.045	5364339.269	437744.021	463.891	485.978	0.016
NVA-ADD26	20014JCY	5351460.468	422710.015	5351460.466	422709.992	453.709	475.617	0.011
NVA-ADD27	20014JDB	5353361.644	406694.412	5353361.643	406694.393	437.537	459.240	0.014
NVA-ADD28	20014JDE	5346761.667	414650.848	5346761.667	414650.829	454.547	476.362	0.014
NVA-ADD29	20014JDD	5343696.454	406534.540	5343696.452	406534.524	452.201	473.942	0.014
NVA-ADD30	20014JDF	5345098.416	417857.051	5345098.415	417857.031	449.676	471.542	0.015
NVA-ADD31	20014JDA	5351667.085	411515.219	5351667.083	411515.200	447.301	469.060	0.014
NVA-ADD32	20014JDK	5346294.693	446768.667	5346294.693	446768.646	471.297	493.676	0.020
NVA-ADD33	20014JDH	5344778.760	437080.962	5344778.759	437080.941	456.682	478.866	0.016
NVA-ADD34	20014JDM	5352804.273	441951.842	5352804.273	441951.819	461.555	483.810	0.018
NVA-ADD35	20014JCI	5357926.807	435120.573	5357926.806	435120.549	456.196	478.296	0.014
NVA-ADD36	20014JCK	5361322.334	421626.101	5361322.332	421626.076	441.924	463.747	0.012
NVA-ADD37	20014JBY	5370925.309	426572.491	5370925.307	426572.467	447.111	468.908	0.015
NVA-ADD38	20014JBU	5380447.509	436310.430	5380447.509	436310.407	472.964	494.836	0.016
NVA-ADD39	20014JCS	5366374.435	407204.118	5366374.434	407204.099	429.569	451.191	0.014
NVA-ADD40	20014JDQ	5351268.104	433954.403	5351268.103	433954.381	452.072	474.191	0.019
NVA-ADD41	20014TAT	5300561.471	383002.525	5300561.471	383002.507	487.013	508.613	0.040
NVA-ADD42	20014TAI	5295277.036	407055.089	5295277.037	407055.070	501.978	523.912	0.013
NVA-ADD43	20014TAJ	5292108.101	403779.321	5292108.101	403779.303	474.376	496.266	0.022
NVA-ADD44	20014TBH	5255507.249	388335.758	5255507.248	388335.738	574.674	596.207	0.035
NVA-ADD45	20014TAN	5300247.991	397220.188	5300247.991	397220.170	473.272	495.053	0.032
NVA-ADD46	20014TAQ	5292384.410	389286.911	5292384.410	389286.891	496.150	517.818	0.040
NVA-ADD47	20014TAX	5294049.633	386097.910	5294049.633	386097.891	489.255	510.880	0.034
NVA-ADD48	20014TAO	5297100.459	394184.094	5297100.458	394184.076	484.877	506.621	0.035

Station Name	GPSID	NAD83 (2011)		NAD83 (NSRS2007)		Ellip Height	NAVD88	
		UTM14 Northing	UTM14 Easting	UTM14 Northing	UTM14 Easting		Ortho Height	Vertical Accuracy
NVA-ADD49	20014TAZ	5290961.177	380430.233	5290961.177	380430.214	584.684	606.152	0.012
NVA-ADD50	20014TAP	5298806.265	389396.949	5298806.265	389396.930	490.089	511.775	0.039
NVA-ADD51	20014TBA	5281309.895	379009.785	5281309.895	379009.765	571.171	592.514	
NVA-ADD52	20014TBC	5271931.685	375814.964	5271931.684	375814.945	575.849	597.047	0.021
NVA-ADD53	20014TBP	5246136.956	374124.220	5246136.954	374124.200	555.383	576.779	0.019
NVA-ADD54	20014TBT	5260725.369	372353.892	5260725.367	372353.872	563.015	584.185	0.013
NVA-ADD55	20014TBG	5263595.645	388495.206	5263595.645	388495.187	559.383	580.866	0.037
NVA-ADD56	20014TBE	5262152.283	380425.195	5262152.282	380425.175	580.914	602.233	0.035
NVA-ADD57	20014TBM	5244206.974	389734.113	5244206.973	389734.092	566.134	587.764	0.038
NVA-ADD58	20014TBQ	5250839.132	380182.133	5250839.130	380182.113	573.652	595.094	0.013
NVA-ADD59	20014TBK	5252178.114	399570.786	5252178.113	399570.766	582.498	604.196	0.042
NVA-ADD60	20014TAH	5267810.977	423852.022	5267810.977	423852.003	580.960	603.177	0.035
NVA-ADD61	20014TAG	5258162.736	422171.164	5258162.736	422171.145	561.460	583.583	0.036
NVA-ADD62	20014TAA	5248469.973	423636.454	5248469.973	423636.435	591.593	613.778	0.012
NVA-ADD63	20014TAF	5247080.441	409148.204	5247080.441	409148.184	597.102	619.014	0.016
NVA-ADD64	20014TBI	5255643.910	394790.500	5255643.909	394790.480	580.850	602.472	0.035
VVA001	19047TJP	5163284.525	597900.666	5163284.523	597900.649	348.636	374.270	0.016
VVA002	19047JCZ	5262787.540	632499.555	5262787.538	632499.538	267.063	293.536	0.013
VVA003	19047TPA	5280213.875	562834.404	5280213.875	562834.386	418.292	442.868	0.020
VVA004	19047JGM	5274554.633	406573.393	5274554.633	406573.373	503.867	525.750	0.017
VVA005	19047JJE	5304189.845	490675.739	5304189.847	490675.721	451.364	475.026	0.015
VVA006	19047JMW	5421902.527	482184.803	5421902.527	482184.784	443.325	466.302	0.017
VVA007	19047TJF	5127565.879	580860.779	5127565.878	580860.762	378.087	403.159	0.016
VVA008	19047TLI	5183788.350	552494.247	5183788.350	552494.229	426.104	450.825	0.015
VVA009	19047TON	5312309.037	549768.625	5312309.038	549768.605	434.871	459.182	0.014
VVA010	20012JDG	5362489.383	553534.404	5362489.384	553534.385	450.822	475.588	0.016
VVA011	20012JAZ	5310833.249	563838.612	5310833.251	563838.593	436.442	461.037	0.019
VVA012	20012JHJ	5410625.394	493503.298	5410625.395	493503.278	455.426	478.766	0.016
VVA013	19047TBD	5246933.189	595904.577	5246933.189	595904.560	356.390	381.945	0.020
VVA014	19047JKT	5362675.106	440991.014	5362675.106	440990.991	474.570	496.736	0.017
VVA015	19047JFY	5285969.919	386737.244	5285969.918	386737.225	582.254	603.821	0.016
VVA016	20012JAD	5293832.361	614346.428	5293832.361	614346.410	307.389	333.715	0.012
VVA017	19047JLX	5407106.680	454946.550	5407106.680	454946.530	525.181	547.277	0.009
VVA018	19047JFT	5270099.626	387034.953	5270099.626	387034.934	586.296	607.735	0.014
VVA019	19047JNC	5424497.039	522695.972	5424497.039	522695.952	452.886	476.940	0.016
VVA020	19047TOE	5301001.258	545116.840	5301001.260	545116.821	433.509	457.661	0.011
VVA021	19047TLE	5174134.931	558956.758	5174134.930	558956.739	421.636	446.587	0.020
VVA022	19047TOS	5292997.328	553960.100	5292997.329	553960.081	434.483	458.738	0.013

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		UTM14 Northing	UTM14 Easting	UTM14 Northing	UTM14 Easting		Ortho Height	Vertical Accuracy
VVA023	19047THP	5119723.105	585333.036	5119723.103	585333.018	373.176	398.369	0.016
VVA024	19047THA	5158961.246	627802.792	5158961.244	627802.772	297.348	323.501	0.021
VVA025	20012JAR	5282174.181	591208.652	5282174.182	591208.633	394.947	420.491	0.014
VVA026	20012JCN	5375598.686	593674.448	5375598.687	593674.428	256.433	282.414	0.016
VVA027	20012JCE	5366373.893	606697.977	5366373.893	606697.957	236.479	262.737	0.015
VVA028	19047JAH	5285945.688	654654.481	5285945.685	654654.464	234.031	260.853	0.015
VVA029	19047TDK	5166670.494	676486.734	5166670.496	676486.709	256.898	283.325	0.013
VVA030	19047TIZ	5141652.951	604752.099	5141652.949	604752.081	332.175	357.806	0.018
VVA031	19047TFO	5130699.639	658133.351	5130699.639	658133.332	277.611	304.041	0.014
VVA032	19047JIL	5334887.577	457798.689	5334887.578	457798.669	478.899	501.652	0.021
VVA033	19047JBM	5424993.652	636358.432	5424993.654	636358.410	215.942	242.778	0.010
VVA034	19047TLO	5204788.182	558170.570	5204788.181	558170.552	412.011	436.907	0.014
VVA035	20012JDR	5348032.199	568543.915	5348032.200	568543.895	447.368	472.416	0.014
VVA036	19047TJM	5156565.894	575616.124	5156565.892	575616.106	400.374	425.545	0.016
VVA037	19047JLI	5362399.387	477198.802	5362399.388	477198.781	432.382	455.486	0.013
VVA038	20012JGF	5381584.730	513348.428	5381584.731	513348.408	453.104	477.060	0.012
VVA039	20012JBH	5312891.245	597316.956	5312891.246	597316.937	318.098	343.993	0.018
VVA040	19047TFY	5144592.294	634240.589	5144592.292	634240.569	299.243	325.403	0.017
VVA041	19047JGF	5280433.389	429372.341	5280433.389	429372.322	477.885	500.295	0.015
VVA042	19047JDL	5262963.247	587115.862	5262963.246	587115.844	421.928	447.403	0.015
VVA043	20012JEV	5313893.360	493021.175	5313893.363	493021.157	432.210	455.857	0.019
VVA044	19047TMZ	5283995.244	490547.257	5283995.245	490547.239	443.559	467.304	0.015
VVA045	20012JEP	5297831.899	527505.938	5297831.902	527505.919	425.875	449.948	0.013
VVA046	19047TEH	5094251.989	675668.497	5094251.988	675668.477	286.619	312.962	0.016
VVA047	19047TKT	5167819.386	573471.500	5167819.385	573471.482	405.472	430.720	0.017
VVA048	19047JIE	5326773.084	467423.031	5326773.085	467423.012	467.945	491.029	0.017
VVA049	19047JCG	5374692.763	620794.488	5374692.761	620794.467	223.440	250.076	0.015
VVA050	19047TIF	5106200.503	593604.329	5106200.501	593604.311	373.836	399.292	0.014
VVA051	19047THF	5113895.599	629451.241	5113895.597	629451.223	306.742	332.657	0.016
VVA052	20012JHD	5400970.061	510426.792	5400970.062	510426.772	468.261	492.123	0.013
VVA053	19047TLR	5214507.740	561232.578	5214507.740	561232.560	409.350	434.379	0.014
VVA054	19047TKN	5175229.627	589504.828	5175229.625	589504.811	378.673	404.208	0.016
VVA055	20012JFW	5359091.360	494087.751	5359091.362	494087.732	421.345	444.902	0.016
VVA056	19047TDW	5124718.235	690958.290	5124718.233	690958.272	269.170	296.025	0.017
VVA057	19047JKH	5322740.549	433579.696	5322740.550	433579.676	455.373	477.567	0.015
VVA058	20012JDD	5374770.800	556750.995	5374770.801	556750.975	472.833	497.805	0.017
VVA059	20012JGZ	5415459.651	517675.007	5415459.651	517674.987	453.473	477.446	0.017
VVA060	19047TAL	5212623.596	652229.158	5212623.594	652229.142	247.154	273.185	0.019

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VVA061	19047TLL	5204636.354	542094.213	5204636.354	542094.195	430.892	455.594	0.016
VVA062	19047TIU	5125994.975	618036.368	5125994.972	618036.349	311.588	337.403	0.016
VVA063	19047TFW	5149828.331	650391.390	5149828.333	650391.368	292.628	318.986	0.019
VVA064	19047JJY	5338878.703	403213.557	5338878.702	403213.541	437.491	459.224	0.015
VVA065	19047JFO	5261278.485	398110.340	5261278.485	398110.320	568.891	590.544	0.012
VVA066	19047THJ	5091072.776	627533.320	5091072.773	627533.302	340.882	366.591	0.018
VVA067	19047TAD	5230528.138	655773.552	5230528.134	655773.535	243.087	269.414	0.014
VVA068	19047TJV	5154609.570	615813.071	5154609.566	615813.053	304.248	330.138	0.015
VVA069	20012JEN	5307458.178	524383.186	5307458.181	524383.167	438.836	462.953	0.018
VVA070	19047JEE	5246148.142	643348.554	5246148.138	643348.538	255.476	281.818	0.014
VVA071	19047TKR	5166329.435	588712.028	5166329.433	588712.010	383.404	408.885	0.015
VVA072	19047TCS	5192098.030	589273.008	5192098.028	589272.991	376.066	401.449	0.018
VVA073	20012JAW	5299157.133	575564.781	5299157.134	575564.763	434.492	459.435	0.015
VVA074	19047TKL	5172705.777	583096.474	5172705.776	583096.456	415.149	440.574	0.014
VVA075	19047JLP	5388999.143	471721.020	5388999.144	471721.000	470.259	492.985	0.015
VVA076	20012JFQ	5344402.261	491851.927	5344402.264	491851.908	419.958	443.487	0.017
VVA077	19047JIV	5308346.828	453762.398	5308346.829	453762.380	448.471	471.218	0.012
VVA078	19047JIJ	5348517.144	464318.584	5348517.145	464318.564	444.667	467.541	0.016
VVA079	20012JGL	5365507.137	517442.776	5365507.139	517442.755	432.975	457.085	0.015
VVA080	19047TNS	5258388.777	540908.492	5258388.778	540908.474	418.380	442.641	0.021
VVA081	20012JBF	5317644.506	589618.488	5317644.506	589618.470	373.003	398.596	0.018
VVA082	19047JMG	5425618.900	426220.984	5425618.900	426220.964	654.289	675.684	0.018
VVA083	19047JMN	5418105.403	451842.814	5418105.402	451842.794	543.470	565.444	0.013
VVA084	19047TPS	5249881.337	566908.261	5249881.337	566908.243	409.821	434.863	0.011
VVA085	19047JDN	5251598.867	581325.664	5251598.866	581325.646	438.841	464.186	0.017
VVA086	19047JIA	5329160.067	486106.535	5329160.069	486106.516	426.764	450.230	0.018
VVA087	19047TCO	5209834.240	579492.833	5209834.238	579492.816	410.934	436.140	0.014
VVA088	19047TMR	5236736.386	522626.306	5236736.387	522626.289	441.545	465.762	0.016
VVA089	19047TFC	5107824.310	645658.350	5107824.308	645658.331	308.927	335.150	0.019
VVA090	19047TNY	5288029.383	533959.899	5288029.385	533959.880	438.887	462.896	0.016
VVA091	19047TMD	5221480.265	533155.859	5221480.266	533155.841	447.325	471.801	0.019
VVA092	20012JHG	5397729.233	493531.975	5397729.234	493531.955	448.727	472.112	0.016
VVA093	19047TMG	5230408.103	538710.091	5230408.104	538710.074	433.226	457.814	0.020
VVA094	19047JDT	5264811.331	609690.305	5264811.332	609690.287	301.716	327.776	0.013
VVA095	20012JDM	5333338.762	550494.894	5333338.764	550494.875	438.645	463.226	0.019
VVA096	19047JCC	5353948.299	634323.716	5353948.302	634323.701	220.249	247.178	0.018
VVA097	19047TPV	5233882.301	560877.511	5233882.301	560877.493	408.921	433.896	0.016
VVA098	19047JGZ	5304737.744	408845.619	5304737.745	408845.601	473.572	495.514	0.016

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VVA099	19047JIU	5306008.578	444125.942	5306008.579	444125.923	460.919	483.510	0.015
VVA100	20012JBEI	5325945.824	526909.138	5325945.827	526909.116	431.116	455.282	0.016
VVA101	19047JDG	5274371.336	603542.816	5274371.337	603542.798	312.862	338.797	0.014
VVA102	19047TOU	5286570.196	551654.916	5286570.197	551654.897	422.650	446.874	0.014
VVA103	19047JID	5329973.654	475454.613	5329973.656	475454.594	442.091	465.359	0.019
VVA104	19047TED	5091452.889	692602.059	5091452.886	692602.039	282.711	309.225	0.017
VVA105	20012JDJ	5350181.159	547620.610	5350181.160	547620.589	440.255	464.811	0.017
VVA106	19047TTN	5103978.482	608269.107	5103978.479	608269.090	351.881	377.503	0.012
VVA107	19047TBG	5235681.710	583383.979	5235681.709	583383.961	408.886	434.271	0.023
VVA108	19047JGR	5290369.014	411820.511	5290369.015	411820.492	486.306	508.338	0.023
VVA109	19047TOI	5315418.137	532879.481	5315418.139	532879.461	432.212	456.474	0.015
VVA110	19047JEV	5220275.235	667157.038	5220275.231	667157.022	241.706	268.028	0.018
VVA111	19047TAG	5246520.922	657026.597	5246520.917	657026.580	239.645	266.200	0.011
VVA112	19047JKA	5327529.551	409488.158	5327529.550	409488.141	454.868	476.742	0.015
VVA113	19047JJA	5302506.093	477771.035	5302506.095	477771.017	438.163	461.627	0.017
VVA114	19047THZ	5093955.864	587164.015	5093955.861	587163.997	371.368	396.822	0.015
VVA115	20012JGC	5389642.538	506944.941	5389642.539	506944.921	457.466	481.252	0.015
VVA116	19047TMW	5264059.374	523784.931	5264059.375	523784.912	432.219	456.158	0.017
VVA117	19047JMT	5414737.003	464600.507	5414737.003	464600.487	508.842	531.229	0.013
VVA118	19047TCJ	5222889.365	591670.029	5222889.363	591670.012	359.995	385.444	0.016
VVA119	19047JHG	5319354.653	417051.725	5319354.653	417051.707	452.959	474.981	0.017
VVA120	19047THT	5114750.235	575032.889	5114750.234	575032.870	382.534	407.664	0.016
VVA121	19047TCD	5214949.989	604700.084	5214949.987	604700.067	328.520	354.138	0.012
VVA122	19047JGU	5298188.236	427984.820	5298188.238	427984.801	467.847	490.177	0.016
VVA123	19047JIC	5339600.942	481916.842	5339600.943	481916.823	420.220	443.568	0.018
VVA124	19047JFD	5194821.872	674118.281	5194821.868	674118.263	249.476	276.005	0.011
VVA125	20012JGR	5370351.908	530298.139	5370351.910	530298.119	445.612	469.992	0.014
VVA126	19047TGD	5162805.226	653876.150	5162805.230	653876.126	262.667	289.134	0.017
VVA127	19047TGF	5180699.012	658342.505	5180699.018	658342.478	252.936	279.436	0.013
VVA128	19047TPJ	5260568.534	558738.206	5260568.534	558738.188	426.988	451.570	0.012
VVA129	19047TEU	5115242.585	679998.756	5115242.583	679998.738	269.707	296.418	0.014
VVA130	19047JJO	5340166.953	422549.146	5340166.952	422549.125	454.842	476.798	0.019
VVA131	19047JDU	5260199.424	622058.837	5260199.423	622058.820	278.127	304.404	0.016
VVA132	19047TEL	5095811.626	655539.927	5095811.625	655539.908	333.267	359.397	0.023
VVA133	20012JBW	5344481.122	597483.427	5344481.122	597483.409	276.314	302.186	0.012
VVA134	19047TAP	5196697.634	653138.878	5196697.641	653138.853	247.941	274.129	0.014
VVA135	19047TAT	5202551.844	633808.777	5202551.841	633808.761	264.002	290.029	0.015
VVA136	19047TJR	5153684.387	593242.867	5153684.386	593242.849	362.788	388.266	0.021

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VVA137	20012JGI	5373588.095	505379.063	5373588.097	505379.043	435.923	459.715	0.014
VVA138	20012JEA	5331970.090	571924.857	5331970.091	571924.838	439.578	464.690	0.015
VVA139	19047TBV	5210385.394	622442.772	5210385.391	622442.757	303.796	329.780	0.015
VVA140	19047TLY	5227313.063	551424.883	5227313.063	551424.865	418.777	443.613	0.016
VVA141	20012JAU	5293344.872	580482.019	5293344.873	580482.001	431.166	456.300	0.016
VVA142	19047THN	5119936.211	600608.415	5119936.208	600608.398	368.580	394.070	0.014
VVA143	19047TFS	5143672.218	660977.018	5143672.219	660976.997	271.971	298.377	0.016
VVA144	19047THH	5104221.514	626511.067	5104221.511	626511.048	317.885	343.766	0.019
VVA145	20012JDV	5344999.541	582959.498	5344999.541	582959.478	356.557	381.976	0.012
VVA146	19047TMO	5254432.159	531272.213	5254432.159	531272.195	434.930	459.094	0.020
VVA147	20012JCC	5356759.650	613337.983	5356759.650	613337.963	230.684	257.067	0.015
VVA148	20012JFF	5344457.620	528426.025	5344457.622	528426.005	432.181	456.444	0.017
VVA149	19047TMA	5219169.750	545193.992	5219169.750	545193.974	423.268	448.010	0.018
VVA150	20012JEB	5324030.249	565618.729	5324030.250	565618.710	439.173	463.982	0.017
VVA151	20012JBR	5330617.643	591282.406	5330617.644	591282.386	324.393	350.079	0.013
VVA152	19047TMU	5247928.696	516877.437	5247928.698	516877.420	438.420	462.339	0.015
VVA153	20012JFU	5354091.384	499571.301	5354091.386	499571.281	422.712	446.375	0.015
VVA154	19047THJ	5311028.872	431255.503	5311028.873	431255.485	467.696	490.004	0.016
VVA155	19047TKZ	5190337.525	571648.990	5190337.524	571648.971	404.488	429.545	0.012
VVA156	19047TKI	5181331.531	620616.288	5181331.527	620616.273	290.283	316.416	0.015
VVA157	19047JAB	5279226.596	644970.892	5279226.592	644970.875	247.326	274.071	0.016
VVA158	19047JHW	5329885.921	501577.898	5329885.923	501577.879	426.288	449.992	0.013
VVA159	20012JFL	5350873.289	518815.235	5350873.292	518815.215	428.934	453.030	0.019
VVA160	20012JBM	5326174.237	613074.380	5326174.237	613074.362	242.462	268.903	0.019
VVA161	20012JGA	5381643.215	489324.758	5381643.217	489324.738	435.877	459.197	0.013
VVA162	19047JLA	5394746.515	455682.589	5394746.516	455682.568	506.710	528.900	0.016
VVA163	19047TCW	5173582.234	636035.587	5173582.234	636035.566	262.262	288.629	0.017
VVA164	20012JAB	5287283.110	608398.050	5287283.111	608398.032	311.966	338.103	0.011
VVA165	19047TJB	5140611.855	591101.450	5140611.853	591101.431	380.128	405.459	0.019
VVA166	19047TCF	5205209.677	599976.254	5205209.674	599976.237	329.339	354.913	0.014
VVA167	19047TGC	5165683.749	641421.480	5165683.751	641421.457	289.889	316.271	0.018
VVA168	19047TMI	5243199.978	542675.621	5243199.978	542675.603	425.448	449.990	0.019
VVA169	19047TIX	5141486.033	617602.599	5141486.030	617602.577	299.799	325.692	0.023
VVA170	19047JHU	5292928.413	471323.163	5292928.415	471323.145	454.327	477.614	0.014
VVA171	20012JAL	5304802.429	594803.987	5304802.430	594803.969	348.811	374.567	0.015
VVA172	19047TBO	5228034.415	617292.290	5228034.413	617292.273	321.377	347.133	0.014
VVA173	19047TCZ	5193852.798	603322.652	5193852.795	603322.636	327.721	353.394	0.015
VVA174	19047JAW	5331357.278	634660.579	5331357.275	634660.562	221.933	248.834	0.015

Station Name	GPSID	NAD83 (2011)		NAD83 (NSRS2007)		Ellip Height	NAVD88	
		UTM14 Northing	UTM14 Easting	UTM14 Northing	UTM14 Easting		Ortho Height	Vertical Accuracy
VVA175	19047TKF	5171528.516	615217.868	5171528.512	615217.852	298.541	324.558	0.014
VVA176	19047JCT	5277983.928	624194.452	5277983.926	624194.434	284.336	310.820	0.015
VVA177	19047TAA	5206434.572	664454.753	5206434.567	664454.736	243.870	270.143	0.012
VVA178	19047TNJ	5281502.133	509901.072	5281502.135	509901.054	443.521	467.517	0.017
VVA179	19047JEL	5270981.264	664361.175	5270981.260	664361.155	236.489	263.314	0.013
VVA180	19047JJK	5341558.224	435418.565	5341558.224	435418.544	464.599	486.743	0.016
VVA181	19047JBR	5400986.733	644161.221	5400986.728	644161.202	214.854	241.971	0.011
VVA182	20012JBZ	5342413.069	618379.183	5342413.069	618379.164	228.781	255.314	0.015
VVA183	20012JCQ	5373955.376	576828.711	5373955.377	576828.691	406.161	431.701	0.016
VVA184	19047JHO	5293173.292	442349.225	5293173.293	442349.206	464.532	487.121	0.016
VVA185	19047JEI	5263738.039	654997.976	5263738.033	654997.960	240.546	267.224	0.013
VVA186	19047JLD	5380210.583	460389.636	5380210.583	460389.615	470.090	492.573	0.019
VVA187	19047TAX	5225293.282	639800.668	5225293.280	639800.652	259.253	285.352	0.015
VVA188	19047JCB	5368841.959	641532.081	5368841.955	641532.065	216.595	243.689	0.014
VVA189	19047JKY	5383558.920	445974.633	5383558.920	445974.611	470.839	492.894	0.017
VVA190	19047JBF	5313588.576	631433.908	5313588.576	631433.890	230.241	256.986	0.014
VVA191	19047TDS	5143685.401	683364.038	5143685.398	683364.017	264.150	290.878	0.014
VVA192	19047JDX	5250403.154	615146.150	5250403.153	615146.133	310.272	336.235	0.016
VVA193	20012JAG	5300397.678	619028.379	5300397.677	619028.361	275.047	301.524	0.014
VVA194	19047TIK	5089400.863	605861.843	5089400.860	605861.825	369.122	394.720	0.021
VVA195	19047TFA	5119741.617	666214.886	5119741.616	666214.868	269.002	295.631	0.018
VVA196	19047JLU	5402618.843	474250.534	5402618.843	474250.514	473.427	496.152	0.014
VVA197	19047JDZ	5242528.729	626553.454	5242528.728	626553.437	281.422	307.377	0.017
VVA198	19047TMM	5251376.144	555466.595	5251376.145	555466.577	415.822	440.478	0.013
VVA199	19047TBK	5234305.702	604319.077	5234305.700	604319.060	330.629	356.147	0.013
VVA200	19047JFI	5250259.142	413999.565	5250259.141	413999.547	595.729	617.710	0.017
VVA201	19047JCR	5289480.442	633626.208	5289480.440	633626.190	256.041	282.742	0.017
VVA202	19047TJJ	5146904.871	578930.906	5146904.870	578930.888	396.703	421.806	0.015
VVA203	19047TJI	5138841.698	579040.978	5138841.697	579040.959	382.449	407.462	0.017
VVA204	19047TPF	5268432.191	573110.102	5268432.192	573110.083	419.357	444.477	0.034
VVA205	19047TLC	5170965.386	566992.844	5170965.385	566992.826	415.745	440.890	0.017
VVA206	19047TKP	5177765.395	600683.715	5177765.393	600683.699	333.036	358.765	0.017
VVA207	19047TFK	5133543.194	643602.423	5133543.192	643602.404	300.217	326.429	0.012
VVA208	20012JCW	5362623.248	572940.861	5362623.250	572940.841	438.759	464.069	0.017
VVA209	19047TGM	5156770.335	668602.844	5156770.336	668602.822	256.608	283.080	0.015
VVA210	19047JKQ	5362526.661	457048.972	5362526.660	457048.950	462.359	484.916	0.017
VVA211	19047JFL	5264642.039	419052.846	5264642.039	419052.827	579.003	601.108	0.015
VVA212	20012JGN	5365609.387	539144.090	5365609.389	539144.071	439.109	463.633	0.011

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		UTM14 Northing	UTM14 Easting	UTM14 Northing	UTM14 Easting		Ortho Height	Vertical Accuracy
VVA213	19047JJS	5342315.473	393686.406	5342315.471	393686.392	439.454	461.072	0.013
VVA214	20012JCK	5356439.187	592469.201	5356439.188	592469.182	292.124	317.856	0.011
VVA215	20012JES	5304391.581	508316.031	5304391.583	508316.012	460.757	484.604	0.016
VVA216	19047TOX	5272249.289	550417.291	5272249.289	550417.273	442.725	466.946	0.018
VVA217	19047JAT	5328531.792	647453.361	5328531.787	647453.342	222.553	249.536	0.014
VVA218	19047TDF	5191170.771	629327.503	5191170.766	629327.487	264.028	290.226	0.017
VVA-ADD01	20014JBA	5403160.784	423655.782	5403160.783	423655.760	478.534	499.959	0.015
VVA-ADD02	20014JAB	5400403.952	450083.062	5400403.952	450083.040	512.138	534.136	0.013
VVA-ADD03	20014JAC	5399020.012	445221.459	5399020.011	445221.438	507.366	529.247	0.013
VVA-ADD04	20014JBI	5403031.371	434016.287	5403031.370	434016.266	495.070	516.669	0.015
VVA-ADD05	20014JBF	5398228.833	431509.586	5398228.833	431509.564	474.814	496.414	0.015
VVA-ADD06	20014JBN	5391902.916	429257.268	5391902.915	429257.246	466.589	488.212	0.015
VVA-ADD07	20014JBR	5386301.491	421950.736	5386301.490	421950.713	450.382	471.955	0.016
VVA-ADD08	20014JBV	5380489.954	432608.299	5380489.953	432608.275	463.180	484.977	0.016
VVA-ADD09	20014JCA	5377176.058	441095.793	5377176.057	441095.770	471.011	493.016	0.016
VVA-ADD10	20014JBX	5377654.951	428272.879	5377654.950	428272.855	469.937	491.685	0.016
VVA-ADD11	20014JCN	5380862.555	418655.888	5380862.554	418655.866	434.240	455.829	0.020
VVA-ADD12	20014JBQ	5388816.679	414808.818	5388816.678	414808.796	439.225	460.699	0.015
VVA-ADD13	20014JCO	5375896.174	416190.381	5375896.172	416190.359	439.686	461.298	0.016
VVA-ADD14	20014JDN	5357790.285	445731.965	5357790.285	445731.942	484.903	507.207	0.018
VVA-ADD15	20014JDI	5349590.204	440292.776	5349590.204	440292.754	458.183	480.422	0.017
VVA-ADD16	20014JDG	5348114.660	427498.746	5348114.658	427498.723	446.374	468.388	0.016
VVA-ADD17	20014J CZ	5353163.885	416380.533	5353163.883	416380.511	441.708	463.514	0.012
VVA-ADD18	20014JDL	5349487.585	448672.909	5349487.585	448672.888	463.384	485.804	0.021
VVA-ADD19	20014JBM	5388549.180	433234.195	5388549.179	433234.173	469.918	491.649	0.016
VVA-ADD20	20014JCV	5364654.519	414967.927	5364654.518	414967.905	437.296	459.010	0.015
VVA-ADD21	20014JCB	5375232.786	434680.503	5375232.785	434680.479	478.964	500.854	0.015
VVA-ADD22	20014J CJ	5356958.286	427151.644	5356958.285	427151.620	450.781	472.730	0.009
VVA-ADD23	20014JDP	5360275.266	440944.500	5360275.265	440944.477	469.123	491.312	0.020
VVA-ADD24	20014JDJ	5348793.921	443530.604	5348793.921	443530.582	461.811	484.111	0.019
VVA-ADD25	20014JCC	5372798.344	431884.790	5372798.343	431884.766	479.199	501.061	0.015
VVA-ADD26	20014JCP	5372713.771	412947.864	5372713.770	412947.842	435.350	456.963	0.019
VVA-ADD27	20014JBB	5401633.147	419488.553	5401633.147	419488.532	470.220	491.615	0.017
VVA-ADD28	20014JCF	5367593.435	434125.115	5367593.435	434125.091	468.234	490.211	0.017
VVA-ADD29	20014TAS	5301279.552	386217.949	5301279.552	386217.931	483.823	505.472	0.041
VVA-ADD30	20014TAM	5298631.768	398905.479	5298631.768	398905.460	467.934	489.738	0.029
VVA-ADD31	20014TAR	5297254.233	387771.845	5297254.233	387771.826	490.530	512.191	0.039
VVA-ADD32	20014TAW	5292482.344	385022.869	5292482.344	385022.851	502.340	523.934	0.035

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VVA-ADD33	20014TAY	5290009.321	385998.395	5290009.321	385998.376	524.586	546.177	0.035
VVA-ADD34	20014TAV	5295842.079	382675.854	5295842.079	382675.836	486.825	508.398	0.038
VVA-ADD35	20014TAK	5295336.900	402239.852	5295336.900	402239.833	488.625	510.483	0.021
VVA-ADD36	20014TAL	5296193.988	397405.735	5296193.988	397405.716	497.602	519.387	0.029
VVA-ADD37	20014TBB	5278360.719	375132.271	5278360.717	375132.252	585.536	606.748	0.018
VVA-ADD38	20014TBD	5268668.710	377347.863	5268668.708	377347.844	611.433	632.656	0.027
VVA-ADD39	20014TBR	5257395.044	375475.523	5257395.043	375475.504	553.478	574.746	0.027
VVA-ADD40	20014TBJ	5249944.189	393069.306	5249944.188	393069.286	588.905	610.530	0.039
VVA-ADD41	20014TAE	5243906.407	409075.435	5243906.407	409075.415	585.225	607.170	0.013
VVA-ADD42	20014TAB	5251763.722	418848.400	5251763.722	418848.381	582.838	604.914	0.020
VVA-ADD43	20014TAC	5246898.034	418789.486	5246898.035	418789.466	602.178	624.291	0.019
VVA-ADD44	20014TBF	5260402.708	385210.688	5260402.706	385210.668	559.978	581.416	0.038
VVAF01	19047JMM	5415643.929	450660.470	5415643.929	450660.450	562.451	584.385	0.032
VVAF02	19047TDZ	5115481.282	687146.189	5115481.280	687146.171	267.640	294.424	0.017
VVAF03	20012JEK	5314491.023	509478.282	5314491.026	509478.262	426.919	450.710	0.023
VVAF04	19047JBZ	5373813.794	639848.368	5373813.788	639848.350	214.982	242.033	0.012
VVAF05	19047JAP	5306240.181	654343.546	5306240.180	654343.524	228.731	255.639	0.013
VVAF06	19047TGN	5162477.346	671263.480	5162477.347	671263.457	255.656	282.108	0.014
VVAF07	20012JCY	5353019.543	582649.584	5353019.544	582649.565	343.433	368.884	0.022
VVAF08	20012JDU	5341779.111	580722.492	5341779.112	580722.473	383.094	408.454	0.024
VVAF09	19047TNL	5288974.879	521058.527	5288974.881	521058.509	449.280	473.294	0.027
VVAF10	19047TOD	5306544.336	544917.628	5306544.338	544917.609	422.232	446.437	0.025
VVAF11	19047JNE	5197191.767	670667.007	5197191.773	670666.986	246.583	273.030	0.008
VVAF12	20012JBU	5337102.862	596644.348	5337102.863	596644.329	284.852	310.715	0.025
VVAF13	19047JGX	5307072.332	421614.250	5307072.333	421614.232	470.605	492.761	0.021
VVAF14	20012JHM	5322637.302	507763.104	5322637.305	507763.085	418.320	442.118	0.046
VVAF15	20012JCS	5370724.665	574521.625	5370724.667	574521.605	423.618	449.068	0.021
VVAF16	19047JAZ	5327916.824	641100.919	5327916.821	641100.902	220.413	247.349	0.013
VVAF17	19047TDQ	5146152.817	676836.204	5146152.816	676836.183	258.236	284.809	0.014
VVAF18	19047TPI	5273226.536	565108.089	5273226.537	565108.071	376.388	401.164	0.026
VVAF19	19047TND	5289616.741	497406.840	5289616.743	497406.822	444.205	468.030	0.026
VVAF20	19047TGT	5183445.983	642818.375	5183445.986	642818.352	253.501	279.875	0.015
VVAF21	19047TKA	5163762.111	607093.160	5163762.107	607093.142	319.677	345.502	0.011
VVAF22	19047TFI	5123353.733	642123.777	5123353.731	642123.759	296.981	323.143	0.018
VVAF23	19047JJD	5297886.235	489334.104	5297886.238	489334.085	431.960	455.645	0.025
VVAF24	19047JLO	5392571.893	474934.713	5392571.893	474934.692	462.798	485.597	0.020
VVAF25	19047JEP	5255253.746	666373.285	5255253.739	666373.268	238.040	264.796	0.014
VVAF26	19047JEY	5216383.935	668113.665	5216383.930	668113.648	242.582	268.893	0.012

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		UTM14 Northing	UTM14 Easting	UTM14 Northing	UTM14 Easting		Ortho Height	Vertical Accuracy
VVAF27	19047JMC	5414745.311	432535.444	5414745.311	432535.423	643.045	664.505	0.026
VVAF28	19047TCY	5197163.378	601889.433	5197163.374	601889.417	329.331	354.959	0.018
VVAF29	20012JEZ	5317411.049	497125.503	5317411.052	497125.484	422.036	445.707	0.020
VVAF30	19047TKW	5175830.408	576622.555	5175830.407	576622.538	344.034	369.371	0.044
VVAF31	20012JBK	5313191.229	614071.483	5313191.230	614071.465	255.787	282.210	0.025
VVAF32	19047TPN	5261206.950	575975.181	5261206.950	575975.163	371.576	396.806	0.029
VVAF33	19047TIE	5095680.727	593344.301	5095680.726	593344.283	372.258	397.784	0.018
VVAF-ADD1	20014JAO	5425957.344	414978.316	5425957.344	414978.295	649.164	670.467	0.022
VVAF-ADD2	20014JAL	5420776.382	427766.168	5420776.382	427766.148	659.710	681.091	0.022
VVAF-ADD3	20014JAU	5412719.205	413252.040	5412719.205	413252.020	630.582	651.833	0.027
VVAF-ADD4	20014JAJ	5415754.525	441125.697	5415754.524	441125.676	625.374	647.032	0.020
VVAF-ADD5	20014JAH	5409426.366	437696.753	5409426.365	437696.733	600.362	621.963	0.024
VVAF-ADD6	20014JAY	5411306.028	421287.438	5411306.027	421287.416	584.817	606.133	0.025
VVAF-ADD7	20014JAR	5416916.112	419695.256	5416916.111	419695.236	621.080	642.365	0.024