

Monthly Seismological Bulletin

from the

National Center For Seismology

February

2021

Ministry of Earth Sciences
New Delhi
INDIA

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GENERAL INFORMATION

The location program currently used for locating earthquakes is Hypocenter (Lienert et al., 1986). Plane parallel layers are assumed for local and regional events, while the IASPEI travel time tables are used for distant events.

The general model used for all local and regional events,

P-wave velocity (km/sec)	depth to top of layer (km)
5.78	0.0
6.58	20.0
8.19	38.7
8.30	100.0

The coda magnitude formula given by :

$$M_c = -0.567 + 1.38 \log_{10}(T) + 0.0026 * D$$

where T is the coda duration (sec) and D is the epicentral distance (km).

If instrument corrected maximum ground amplitudes A(nm) are available, local magnitude (M_l) is calculated using the following formula (Alsaker et al., 1991):

$$M_l = 0.925 * \log(A) + 0.91 * \log(D) + 0.00087 * D - 1.31$$

where D is the hypocentral distance (km).

The crustal velocity model used for DELHI REGION is:

P-wave velocity (km/sec)	depth to top of layer (km)
5.72	0.0
6.61	24.0
8.22	45.0

The coda magnitude formula for KOYNA REGION is given by :

$$M_c = -3.24 + 3.27 \log_{10}(T) + 0.001 * D$$

The coda magnitude formula for GUJARAT REGION is given by :

$$M_c = -0.713 + 1.69 \log_{10}(T) + 0.0031 * D$$

The crustal velocity model used for CHAMOLI REGION (Uttarakhand) is:

P-wave velocity (km/sec)	depth to top of layer (km)
3.5	0.0
5.0	0.4
5.2	1.4
6.0	16.4
8.33	46.4

The coda magnitude formula for CHAMOLI REGION given by :

$$M_c = -2.440 + 2.61 \log_{10}(T) + 0.000 * D$$

The V_p/V_s velocity ratio used in all the crustal velocity models referred above is 1.73.

LIST OF SEISMOLOGICAL STATIONS:

The stations listed below are those operated by the National Center for Seismology, Ministry of Earth Sciences, New Delhi

STATION	LATITUDE	LONGITUDE	HEIGHT (m)	NAME
AGRA	27.1392N	78.0072E	160	AGRA
AGT	23.8889N	91.2463E	18	AGARTALA
AJM	26.4242N	74.6293E	497	AJMER
AKL	20.7018N	77.0146E	307	AKOLA
ALBI	25.3090N	81.8083E	98	ALLAHBAD
ALCI	34.2139N	77.1844E	3135	ALCHI (LEH)
AMRT	31.6459N	74.8570E	212	AMRITSAR
ARIA	26.1353N	87.4658E	51	JOGBANI
ASOR	28.7558N	77.7722E	213	ASAURA
ATP	14.6070N	77.6441E	292	ANANTPUR
AYAN	28.4822N	77.1265E	278	AYANAGAR
AZL	23.7385N	92.6896E	985	AIZWAL
BANG	13.0211N	77.5704E	832	BANGLORE
BARM	25.7521N	71.4124E	142	BARMER
BELO	23.2413N	91.4471E	24	BELONIA
BHGR	28.6921N	76.9263E	215	BAHADURGARH
BHK	31.3946N	76.3808E	369	BHAKRA
BHPL	23.2413N	77.4242E	473	BHOPAL
BHUJ	23.2541N	69.6540E	56	BHUJ
BHV	21.7502N	72.1455E	42	BHAVNAGAR
BISR	28.5704N	77.4390E	204	BISRAKH
BKNR	28.0206N	73.2771E	236	BIKANER
BLRY	15.2796N	76.3194E	470	BELLARY
BLSP	22.0978N	82.1772E	283	BILASPUR
BNDA	25.4824N	80.3310E	135	BANDA
BOK	23.7947N	85.8859E	209	BOKARO THERMAL
BOM	18.8977N	72.8126E	19	MUMBAI
BRCH	27.5652N	81.6039E	108	BAHRAICH
BSTI	26.7906N	82.4789E	81	BASTI
BWNR	20.2521N	85.8205E	49	BHUBANESHWAR
CAL	22.5359N	88.3311E	21	KOLKATA
CGRH	30.7403N	76.7309E	334	CHANDIGARH
CHAT	29.8839N	79.3489E	1646	CHAUKATIYA
CHT	09.8150N	77.2163E	981	CHOTUPARA
CHUR	28.2834N	74.9591E	254	CHURU
CMBY	07.0191N	93.9265E	18	CAMPBEL BAY
CMPI	23.4951N	93.3103E	1678	CHAMPHAI
CNWR	22.0510N	78.9352E	637	CHHINDWARA
COBR	26.2941N	89.4615E	32	COOCHBEHAR
DDI	30.3222N	78.0541E	642	DEHRADUN
DGPR	13.1763N	92.9340E	9	DIGLIPUR
DHRM	32.2476N	76.3066E	1878	DHARAMSHALA
DHUB	26.0201N	89.9955E	21	DHUBRI
DIBR	27.4675N	94.9111E	68	DIBRUGARH
FBD	28.4146N	77.3132E	149	FARIDABAD
FTGH	27.3972N	79.5735E	138	FARRUKHABAD
GAYA	24.8029N	85.2316E	101	GAYA
GNR	29.1385N	77.0269E	230	GANAUR
GOA	15.4915N	73.8248E	11	GOA
GRKP	26.7381N	83.4386E	63	GORAKHPUR
GTK	27.3191N	88.6018E	1355	GANGTOK
GUNA	24.6492N	77.3320E	505	GUNA
GUWA	26.1933N	91.6915E	88	GUWAHATI
GWAL	26.2110N	78.2022E	165	GWALIOR
HAUL	28.0819N	96.5251E	1250	HAYULIANG
HING	19.6543N	77.0943E	419	HINGOLI

HNLY	32.7784N	78.9730E	4326	HANLEY
HYB	17.4186N	78.5518E	439	HYDERABAD
IMP	24.8311N	93.9465E	802	IMPHAL
INDR	22.5321N	75.9203E	535	IIT INDORE
ITAN	27.1445N	93.7218E	227	ITANAGAR
JASL	26.9244N	70.9031E	262	JAISALMER
JBPL	23.1960N	79.9443E	350	JABALPUR
JDGP	19.0776N	82.0366E	496	JAGDALPUR
JHJR	28.6095N	76.6429E	211	JHAJJAR
JHNI	25.4552N	78.6132E	240	JHANSI
JHSG	21.7609N	83.7730E	226	JHARSUGUDA
JMU	32.7810N	74.8309E	389	JAMMU
JMUI	24.9289N	86.2278E	80	JAMUI
JMUI	28.5618N	77.2821E	215	JAMIA MILLIA ISLAMIA UNIVERSITY
JODH	26.2568N	73.0407E	185	JODHPUR
JORH	26.7428N	94.2511E	85	JORHAT
JOSI	30.5560N	79.5579E	1992	JOSHIMATH
JPG	26.5473N	88.7106E	80	JALPAIGURI
JPR	26.8211N	75.8178E	344	JAIPUR
KAD	17.3076N	74.1835E	590	KARAD
KDGU	12.4859N	75.9089E	798	KODAGU
KKR	29.9614N	76.8207E	250	KURUKSHETRA
KLBG	17.2922N	76.6630E	460	KALABURAGI
KLP	31.5466N	78.2604E	2672	KALPA
KNKR	20.0616N	81.4989E	387	KANKER
KNL	15.7619N	78.0363E	345	KURNOOL
KNTI	23.0585N	85.2854E	642	KHUNTI
KOCH	10.0802N	76.4516E	-78	KOCHI
KOD	10.2317N	77.4667E	2333	KODAIKANAL
KOHI	25.7203N	94.1081E	1355	KOHIMA
KUDL	28.1442N	76.4894E	287	KUNDAL
LATR	18.4104N	76.5332E	639	LATUR
LDR	28.5896N	77.2202E	209	LODIROAD, NEW DELHI
LGTI	29.3990N	80.0879E	1657	LOHAGHAT
LKN	26.7659N	80.8835E	105	LUCKNOW
LKP	27.3328N	95.8461E	143	LEKHAPANI
MDRS	12.9900N	80.1820E	70	CHENNAI
MERT	28.9740N	77.7349E	218	MEERUT
MNCY	08.2815N	73.0587E	2	MINICOY
MNGR	12.8923N	74.8677E	83	MANGALORE
MOKO	26.3209N	94.5156E	1349	MOKOKCHUNG
MUKT	29.4582N	79.6543E	2228	MUKTESHWAR
MUYR	30.0672N	80.2567E	2050	MUNSIYARI
MYSR	12.4100N	76.5744E	701	MYSURU
NASK	20.0299N	73.7983E	555	NASIK
NDI	28.6853N	77.2159E	239	RIDGE DELHI
NGP	21.1699N	79.0508E	360	NAGPUR
NJFR	28.5704N	76.9040E	206	NAJAFGARH
NPL	28.6375N	77.1692E	222	NPL PUSA NEW DELHI
NRDN	22.2742N	76.4783E	286	NARMADANAGAR
NRLA	28.7843N	77.0955E	208	NARELA DELHI
PALG	20.0341N	72.9070E	90	PALGHAR
PASG	28.0614N	95.3260E	173	PASIGHAT
PAWL	28.1074N	77.3317E	189	PALWAL

PBA	11.6557N	92.7439E	18	PORT BLAIR
POO	18.5295N	73.8488E	560	PUNE
PTDI	28.3321N	76.7753E	240	PATAUDI
PTH	29.5856N	80.2040E	1601	PITHORAGARH
RAGD	19.2471N	83.4574E	259	RAYAGADA
RAIP	21.2116N	81.6590E	249	RAIPUR
RAJM	17.0639N	81.8737E	28	RAJAHMUNDRY
RTK	29.0335N	76.4144E	230	ROHTAK
SAIH	22.4893N	92.9875E	729	SAIHA
SALM	11.6562N	78.1568E	318	SALEM
SDNR	31.5304N	76.9058E	927	SUNDERNAGAR
SHBG	25.2327N	87.6332E	49	SAHIBGANJ
SHL	25.5668N	91.8559E	1553	SHILLONG
SILR	24.7813N	92.8003E	21	SILCHAR
SLPR	17.6703N	75.9230E	417	SOLAPUR
SMLA	31.1278N	77.1742E	2130	SHIMLA
SONA	28.2450N	77.0628E	227	SOHNA
SRAT	21.1448N	72.7547E	-45	SURAT
SRGN	29.9225N	73.8864E	187	SRIGANGANAGAR
SRIN	34.0507N	74.8046E	1606	SRINAGAR
STMR	26.7529N	85.2736E	55	SITAMARHI
SUPA	15.2625N	74.5349E	468	UTTAR KANNADA
TAWA	27.5938N	91.8668E	2970	TAWANG
TEZP	26.6168N	92.7888E	80	TEZPUR
THN	32.4408N	75.7575E	627	THEIN DAM
TKD	29.1487N	78.8551E	212	THAKURDWARA
TLWR	31.9559N	75.9559E	473	TALWARA
TPTI	13.7079N	79.5954E	150	IIT TIRUPATI
TRVM	08.5081N	76.9583E	30	THIRUVANTHAPURAM
TSSA	32.8366N	76.1503E	1781	TISSA
TURA	25.5168N	90.2242E	403	TURA
TUTG	28.9936N	94.8920E	533	TUTING
UDMP	32.9135N	75.1245E	1355	UDHAMPUR
UDPR	24.5801N	73.7128E	586	UDAIPUR
UNCH	28.4877N	78.1597E	197	UNCHAGAON
UTK	30.7303N	78.4460E	1150	UTTARKASHI
VAR	25.2680N	82.9919E	91	VARANASI
VISK	17.7218N	83.3297E	13	VISAKHAPATANAM
VJD	16.5161N	80.6458E	35	VIJAYAWADA
VLK	27.4417N	83.9232E	125	VALMIKINAGAR
VRVL	20.9078N	70.3570E	-49	VERAVAL
ZIRO	27.5265N	93.8549E	1604	ZIRO

Abbreviations:

TIME: Origin time in UTC (hr. min. and sec.) or data file onset time if event is not located.
LAT: Latitude of epicenter
LON: Longitude of epicenter
DEPTH: Focal depth in kilometer (trailing F indicates fixed depth)
AGENCY: Hypocenter reporting agency e.g. BER (Bergen), NAO (Norsar)
MAGNITUDES: Up to 3 different magnitudes can be given followed by type and reporting agency, e.g. 3.1 MC BER - coda magnitude calculated in Bergen.
RMS: Root mean square value of travel time residuals
STAT: Station code
CO: Component, S: short period, L: long period, B: broadband,
DIST: Epicenter distance (km)
AZI: Azimuth from source to station
PHAS: Phase; The first letter characterizes onset E(mergent) or I(mpulsive)
P: Polarity (C for compression, D for dilatation)
HR: Hour
MN: Minute
SECON: Seconds
TRES: Residual (seconds)
CODA: Signal duration in seconds
AMPL: Ground Amplitude ($0.5 \times (\text{peak to peak})$), (nm) at period PERI
PERI: Period where amplitude is measured
BAZ: Back azimuth (station to event)
ARES: Back azimuth residual
VELO: Apparent phase velocity (km/sec)
WT: Weight of phase in the location
*: An asterix before the phase arrival time implies a potential timing error. If an S phase is read, differential S-P times will be used in the hypocenter location.

References:

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- Havskov, J and Ottemoller Lars (2001). SEISAN: THE EARTHQUAKE ANALYSIS SOFTWARE, Institute of Solid Earth Physics, University of Bergen, Norway
- Yu, G., Khattri, K.N., Anderson, J.G., Brune, J.N., and Zeng, Y. (1995). Strong ground motion from Uttarkshi, Himalaya, Indian earthquakes: Comparison of observations with synthetics using the composit source model.

February 2 2021 Hour: 1:16 44.5 Lat: 36.52N Lon: 71.56E D:140.5 Ag: NCS Local
Magnitudes: 4.0ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	402	132	EP		0117	39.37	0.07							1.0
SRIN	BN	402	132	ES		0118	18.18	-1.15							1.0
SRIN	BN	402	132	IAML		0118	24.58			2096	0.3				
JMU	BZ	512	143	EP		0117	53.55	1.39							1.0
JMU	BN	512	143	ES		0118	42.85	1.27							1.0
JMU	BN	512	143	IAML		0118	47.82			435	0.4				
ALCI	BZ	571	115	EP		0117	58.77	-0.50							1.0
ALCI	BN	571	115	ES		0118	53.74	-0.14							1.0
ALCI	BE	571	115	IAML		0119	00.19			107	0.2				
TSSA	BZ	590	133	EP		0118	00.97	-0.47							1.0
TSSA	BE	590	133	ES		0118	57.10	-0.54							1.0
TSSA	BN	590	133	IAML		0119	02.39			436	0.3				
DHRM	HZ	644	136	EP		0118	08.12	0.18							1.0
DHRM	HE	644	136	ES		0119	09.59	0.72							1.0
DHRM	HZ	644	136	IAML		0119	16.39			216	0.5				
SMLA	HZ	792	137	EP		0118	25.85	0.29							1.0
SMLA	HN	792	137	ES		0119	39.80	0.44							1.0
SMLA	HE	792	137	IAML		0119	43.86			164	0.3				
UTK	BZ	905	133	EP		0118	40.20	1.04							1.0
UTK	BN	905	133	ES		0120	02.12	-0.76							1.0
UTK	BN	905	133	IAML		0120	09.09			156	0.3				
JOSI	BN	994	129	ES		0120	22.02	0.67							1.0
JOSI	BN	994	129	IAML		0120	29.51			77	0.4				
JOSI	BE	994	129	IAML		0120	29.75			102	0.4				
NDI	HZ	1017	147	EP		0118	53.05	0.36							1.0
NDI	HN	1017	147	ES		0120	25.50	-0.79							1.0
NDI	HN	1017	147	IAML		0120	31.51			25	0.4				
NDI	HE	1017	147	IAML		0120	31.54			32	0.3				
AYAN	BZ	1033	148	EP		0118	55.21	0.61							1.0
AYAN	BN	1033	148	ES		0120	29.78	0.19							1.0
AYAN	BN	1033	148	IAML		0120	34.10			43	0.4				
AYAN	BE	1033	148	IAML		0120	34.27			37	0.4				
KUDL	HZ	1038	152	EP		0118	53.26	-1.90							1.0
KUDL	HN	1038	152	ES		0120	29.89	-0.67							1.0
KUDL	HE	1038	152	IAML		0120	34.10			41	0.4				
PTH	BZ	1114	131	EP		0119	03.78	-0.47							1.0
PTH	BN	1114	131	ES		0120	45.44	-0.85							1.0
LGTI	BZ	1121	132	EP		0119	04.83	-0.39							1.0
LGTI	BN	1121	132	ES		0120	49.39	1.41							1.0
LGTI	BN	1121	132	IAML		0120	54.68			20	0.5				

February 2 2021 Hour: 2:31 15.8 Lat: 28.46N Lon: 87.33E D: 10.0F Ag: NCS Regional
Magnitudes: 4.5ML NCS 4.6MW NCS Rms: 1.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AGT	SZ	639	141	EP		232	42.11	1.71							1.0
AGT	SN	639	141	ES		233	41.25	-0.90							1.0
AGT	SN	639	141	IAML		233	55.44			644	2.4				
ITAN	SZ	646	102	EP		232	42.29	1.01							1.0
ITAN	SN	646	102	ES		233	42.04	-1.63							1.0
SILR	SZ	680	126	EP		232	47.30	1.96							1.0
SILR	SN	680	126	ES		233	49.64	-1.05							1.0
SILR	SE	680	126	IAML		234	12.64			1052	1.0				
PTH	BZ	706	282	EP		232	50.72	1.57							1.0
PTH	BE	706	282	ES		233	56.79	-0.49							1.0
KOHI	SZ	737	113	EP		232	53.35	0.49							1.0
KOHI	SE	737	113	ES		234	1.68	-2.02							1.0
KOHI	SE	737	113	IAML		234	11.60			813	0.6				
KOHI	SN	737	113	IAML		234	13.21			724	1.1				
AZL	SZ	748	133	EP		232	55.94	2.19							1.0

AZL	SE	748	133	ES	234	3.75-1.49				1.0
AZL	SE	748	133	IAML	234	18.03	515	2.1		
MOKO	SZ	749	107	EP	232	54.88 0.66				1.0
MOKO	SE	749	107	IAML	234	13.45	1408	0.5		
IMP	SZ	771	120	EP	232	58.15 1.65				1.0
IMP	SE	771	120	ES	234	8.70-1.30				1.0
IMP	SE	771	120	IAML	234	21.98	307	1.5		
SAIH	SZ	871	138	EP	233	10.54 1.70				1.0
SAIH	SN	871	138	ES	234	29.80-1.54				1.0
SAIH	SE	871	138	IAML	234	50.91	680	1.4		
NDI	HE	991	274	EP	233	24.22 0.91				1.0
NDI	HE	991	274	ES	234	56.11-0.27				1.0
NDI	HE	991	274	IAML	235	5.20	168	2.1		
SMLA	HZ	1026	289	EP	233	29.04 1.18				1.0
SMLA	HE	1026	289	ES	235	2.81-1.44				1.0
KUDL	HZ	1064	271	EP	233	32.49 0.20				1.0
KUDL	HN	1064	271	ES	235	11.96 0.05				1.0
BHK	BZ	1106	290	EP	233	37.39-0.03				1.0
BHK	BE	1106	290	ES	235	19.15-1.64				1.0
DHRM	HZ	1140	294	EP	233	42.67 0.38				1.0
DHRM	HN	1140	294	ES	235	28.14-1.08				1.0
ALCI	BZ	1157	306	EP	233	45.22 1.37				1.0
ALCI	BE	1157	306	ES	235	31.08-0.83				1.0
ALCI	BE	1157	306	IAML	237	41.65	125	12.4		
TSSA	BZ	1176	297	EP	233	45.50-1.12				1.0
TSSA	BE	1176	297	ES	235	35.78-0.93				1.0
TSSA	BE	1176	297	IAML	235	46.71	128	3.0		
SRIN	BZ	1344	301	EP	234	6.28-0.21				1.0
SRIN	BE	1344	301	ES	236	12.02 0.94				1.0

February 2 2021 Hour: 2:52 43.0 Lat: 37.12N Lon: 71.96E D:245.4 Ag: NCS Local
Magnitudes: 4.4ML NCS 4.5MW NCS Rms: 0.8 secs
Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	427	142	EP		253	43.90-1.09								1.0
SRIN	BE	427	142	ES		254	29.77-0.48								1.0
SRIN	BE	427	142	IAML		254	32.24			1341	0.2				
JMU	BZ	548	151	EP		253	59.77 1.57								1.0
JMU	BN	548	151	ES		254	54.57 1.47								1.0
JMU	BE	548	151	IAML		254	56.29			586	0.6				
ALCI	BZ	572	123	EP		254	0.87-0.32								1.0
ALCI	BE	572	123	ES		254	57.65-0.63								1.0
TSSA	BZ	610	140	EP		254	5.28-0.59								1.0
TSSA	BE	610	140	ES		255	5.41-0.95								1.0
TSSA	BN	610	140	IAML		255	8.79			877	0.4				
TSSA	BE	610	140	IAML		255	8.99			464	0.2				
DHRM	HZ	671	142	EP		254	13.33 0.37								1.0
DHRM	HE	671	142	ES		255	18.34-0.30								1.0
DHRM	HE	671	142	IAML		255	23.83			725	0.3				
DHRM	HN	671	142	IAML		255	24.01			626	0.3				
HNLY	BZ	801	125	EP		254	28.27 0.84								1.0
HNLY	BN	801	125	ES		255	44.66 1.00								1.0
SMLA	HZ	820	143	EP		254	30.27 0.54								1.0
SMLA	HE	820	143	ES		255	47.01-0.65								1.0
SMLA	HE	820	143	IAML		255	53.11			258	0.2				
SMLA	HN	820	143	IAML		255	53.45			214	0.3				
UTK	BZ	928	138	EP		254	42.62 0.28								1.0
UTK	BE	928	138	ES		256	10.36 0.90								1.0
UTK	BN	928	138	IAML		256	13.69			197	0.4				
KUDL	HZ	1082	156	EP		255	0.17-0.11								1.0
KUDL	HE	1082	156	ES		256	41.49 0.99								1.0
KUDL	HE	1082	156	IAML		256	43.83			60	0.6				
LGTI	BZ	1142	136	EP		255	7.63-0.57								1.0
LGTI	BN	1142	136	ES		256	53.46-0.74								1.0

NRDN	BZ	1701	164	EP	256	13.10-1.07	0.9
NRDN	BN	1701	164	ES	258	47.36-0.97	0.9

February 2 2021 Hour: 3:45 49.3 Lat: 36.39N Lon: 70.82E D:251.2 Ag: NCS Local
Magnitudes: 3.7ML NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	627	111	EP		347	13.52	-0.40							1.0
ALCI	BE	627	111	ES		348	15.79	0.11							1.0
TSSA	BN	628	127	EP		347	14.59	0.14							1.0
TSSA	BE	628	127	ES		348	16.74	0.16							1.0
TSSA	BN	628	127	IAML		348	20.58			167	0.3				
DHRM	HZ	682	131	EP		347	21.32	0.53							1.0
DHRM	HE	682	131	ES		348	27.01	-0.55							1.0
DHRM	HE	682	131	IAML		348	30.90			158	0.6				
DHRM	HN	682	131	IAML		348	31.03			79	0.6				
SMLA	HZ	828	133	EP		347	37.72	0.51							1.0
SMLA	HE	828	133	ES		348	55.92	-0.05							1.0
SMLA	HN	828	133	IAML		349	2.39			40	0.4				
KUDL	HZ	1058	148	EP		348	3.21	-0.75							1.0
KUDL	HE	1058	148	ES		349	42.55	0.31							1.0
KUDL	HE	1058	148	IAML		349	46.94			9	0.8				

February 2 2021 Hour: 6:44 11.0 Lat: 36.38N Lon: 70.68E D:171.9 Ag: NCS Local
Magnitudes: 4.3ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	552	135	EP		645	23.77	-0.45							1.0
JMU	BE	552	135	ES		646	17.06	-0.63							1.0
JMU	BN	552	135	IAML		646	23.63			681	0.5				
ALCI	BZ	639	110	EP		645	34.14	-0.27							1.0
ALCI	BN	639	110	ES		646	35.89	0.56							1.0
ALCI	BE	639	110	IAML		646	38.84			167	0.2				
TSSA	BZ	641	127	EP		645	34.27	-0.40							1.0
TSSA	BN	641	127	ES		646	34.99	-0.78							1.0
TSSA	BE	641	127	IAML		646	38.67			591	0.3				
DHRM	HZ	692	130	EP		645	41.87	1.16							1.0
DHRM	HN	692	130	ES		646	48.25	2.04							1.0
DHRM	HN	692	130	IAML		646	50.60			811	0.2				
HNLY	BZ	859	115	EP		646	0.46	-0.20							1.0
HNLY	BE	859	115	ES		647	19.21	-1.52							1.0
KLP	BZ	882	125	EP		646	3.72	0.41							1.0
KLP	BN	882	125	ES		647	26.03	0.70							1.0
KLP	BE	882	125	IAML		647	28.66			336	0.3				
KUDL	HZ	1065	147	EP		646	25.09	-0.11							1.0
KUDL	HN	1065	147	ES		648	2.67	-0.52							1.0
KUDL	HE	1065	147	IAML		648	6.35			78	0.5				

February 2 2021 Hour: 16:14 11.7 Lat: 28.76N Lon: 84.12E D: 10.0F Ag: NCS Local
Magnitudes: 4.1ML NCS Rms: 1.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLK	BZ	147	188	EP		1614	39.83	3.60							1.0
VLK	BN	147	188	ES		1614	54.74	0.62							1.0
VLK	BN	147	188	IAML		1614	58.48			5867	0.5				
VLK	BE	147	188	IAML		1614	58.49			5428	0.5				
PTH	BZ	392	285	EP		1615	7.98	1.26							1.0
PTH	BN	392	285	ES		1615	44.96	-1.91							1.0
LGTI	BZ	399	281	EP		1615	9.19	1.45							1.0
ALBI	BZ	445	212	EP		1615	13.42	0.79							1.0
GAYA	BZ	452	166	EP		1615	15.54	2.14							1.0
GAYA	BE	452	166	ES		1615	56.48	-1.95							1.0
GAYA	BN	452	166	IAML		1616	1.44			1119	0.2				
JMUI	BZ	473	153	EP		1615	16.94	0.95							1.0

JMUI	BE	473	153	ES	1616	3.13	0.22								1.0
JMUI	BE	473	153	IAML	1616	6.48		2237	0.5						
SHBG	BZ	523	137	EP	1615	23.94	1.79								1.0
SHBG	BN	523	137	ES	1616	12.46	-1.11								1.0
SHBG	BN	523	137	IAML	1616	16.34		360	0.2						
UNCH	BZ	583	268	EP	1615	31.46	1.91								1.0
UNCH	BE	583	268	IAML	1616	29.37		438	0.3						
KLP	BZ	643	300	EP	1615	39.47	2.00								1.0
KLP	BE	643	300	ES	1616	38.84	-1.23								1.0
JHNI	BZ	657	237	EP	1615	38.55	0.10								1.0
JHNI	BE	657	237	ES	1616	39.37	-2.40								1.0
JHNI	BE	657	237	IAML	1616	42.71		201	0.1						
SMLA	HZ	720	293	EP	1615	48.21	1.76								1.0
SMLA	HN	720	293	ES	1616	54.93	-0.67								1.0
SMLA	HN	720	293	IAML	1616	58.03		108	0.3						
KUDL	HZ	751	267	EP	1615	51.47	1.58								1.0
KUDL	HN	751	267	ES	1616	59.25	-2.31								1.0
BLSP	BZ	763	195	EP	1615	52.45	1.01								1.0
GUNA	BZ	814	238	EP	1615	58.72	1.03								1.0
DHRM	HZ	844	299	EP	1616	3.58	1.55								1.0
DHRM	HE	844	299	ES	1617	20.80	-1.76								1.0
DHRM	HE	844	299	IAML	1617	27.49		121	0.6						
SHL	HZ	856	113	EP	1616	1.89	-1.40								1.0
TSSA	BZ	886	303	EP	1616	7.82	0.68								1.0
TSSA	BE	886	303	ES	1617	29.48	-1.93								1.0
ALCI	BZ	894	314	EP	1616	9.39	1.72								1.0
AJM	BZ	972	257	EP	1616	16.29	-0.64								1.0
AJM	BN	972	257	ES	1617	45.81	-2.53								1.0
NGP	BZ	983	212	EP	1616	18.74	0.38								1.0
AZL	SZ	1020	121	EP	1616	23.49	0.62								1.0
AZL	SE	1020	121	ES	1617	57.38	-1.23								1.0
AZL	SE	1020	121	IAML	1618	4.69		84	0.2						
KOHI	SZ	1045	106	EP	1616	26.87	0.55								1.0
KOHI	SN	1045	106	ES	1618	2.16	-2.43								1.0
RAGD	BZ	1055	184	EP	1616	27.00	-0.07								1.0
MOKO	SZ	1061	102	EP	1616	28.29	-0.03								1.0
MOKO	SE	1061	102	ES	1618	5.65	-2.39								1.0
MOKO	SE	1061	102	IAML	1618	14.31		66	0.2						
AKL	BZ	1145	220	EP	1616	36.30	-1.75								1.0

February 2 2021 Hour: 17:34 6.4 Lat: 36.33N Lon: 76.16E D: 39.4 Ag: NCS Local
Magnitudes: 3.9ML NCS Rms: 0.9 secs
Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	252	158	EP		1734	40.07	-1.34							1.0
ALCI	BE	252	158	ES		1735	5.90	-1.10							1.0
SRIN	BZ	282	207	EP		1734	45.48	0.52							1.0
SRIN	BN	282	207	ES		1735	11.71	-1.43							1.0
SRIN	BE	282	207	IAML		1735	18.60		4996	1.0					
TSSA	BZ	391	180	EP		1734	58.95	0.62							1.0
TSSA	BE	391	180	ES		1735	37.16	0.89							1.0
TSSA	BE	391	180	IAML		1735	43.43		659	0.8					
JMU	BZ	412	198	EP		1735	1.35	0.43							1.0
JMU	BN	412	198	ES		1735	41.25	0.50							1.0
JMU	BE	412	198	IAML		1735	51.46		809	0.8					
DHRM	HN	453	178	ES		1735	49.36	-0.02							1.0
DHRM	HN	453	178	IAML		1736	4.23		278	1.0					
BHK	BZ	552	172	EP		1735	17.99	-0.00							1.0
BHK	BN	552	172	ES		1736	8.58	-1.70							1.0
BHK	BE	552	172	IAML		1736	16.12		85	0.4					
KLP	BZ	565	159	EP		1735	19.52	0.01							1.0
KLP	BE	565	159	ES		1736	13.21	0.30							1.0
SMLA	HZ	584	170	EP		1735	22.14	0.25							1.0
SMLA	HN	584	170	ES		1736	15.48	-1.54							1.0

PTH	BZ	838	152	EP	1735	52.21-0.59											1.0
PTH	BE	838	152	ES	1737	11.74	1.25										1.0
LGTI	BZ	852	153	EP	1735	54.10-0.53											1.0
LGTI	BE	852	153	ES	1737	14.40	0.74										1.0
LGTI	BE	852	153	IAML	1737	19.72			29	0.6							
NRDN	BZ	1511	176	EP	1737	15.47	0.39										1.0
NRDN	BE	1511	176	ES	1739	34.80	1.95										1.0
DHRM	HZ	453	178	EP	1735	6.34	0.43										1.0

February 2 2021 Hour: 20:49 25.7 Lat: 16.78S Lon: 178.01E D: 10.0F Ag: NCS Regional
Magnitudes: 5.8MW NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PBA	HZ	9889	282	EP		21 2	20.26-0.14								1.0
PBA	HE	9889	282	ES		2112	48.99-0.01								1.0
MOKO	SZ	10202	297	EP		21 2	34.19 0.34								1.0
MOKO	SE	10202	297	ES		2113	7.00 0.75								1.0
IMP	SZ	10206	295	EP		21 2	33.48-0.10								1.0
IMP	SN	10206	295	ES		2113	4.94-0.74								1.0
KOHI	SZ	10220	296	EP		21 2	34.62-0.07								1.0
KOHI	SE	10220	296	ES		2113	7.00-0.31								1.0
SAIH	SZ	10222	293	EP		21 2	34.18-0.14								1.0
SAIH	SE	10222	293	ES		2113	6.98 0.38								1.0
JORH	SZ	10241	297	EP		21 2	35.43 0.43								1.0
JORH	SE	10241	297	ES		2113	7.34-0.10								1.0
AZL	SZ	10292	294	EP		21 2	36.90-0.28								1.0
AZL	SE	10292	294	ES		2113	9.39-0.71								1.0
ITAN	SZ	10305	297	EP		21 2	37.70 0.01								1.0
TEZP	SZ	10375	297	EP		21 2	40.64 0.10								1.0
TEZP	SE	10375	297	ES		2113	14.43 0.25								1.0
SHL	HZ	10419	295	EP		21 2	42.71-0.16								1.0
SHL	HE	10419	295	ES		2113	17.90 0.66								1.0
KOD	BZ	11451	277	EP		21 3	23.94-0.03								1.0
KOD	BE	11451	277	ES		2114	3.36-0.65								1.0
TRVM	HZ	11455	275	EP		21 3	21.46-2.35								0.0
TRVM	HE	11455	275	ES		2114	4.68 1.06								1.0
LATR	BZ	11767	285	EP		21 3	36.54 0.23								1.0
AKL	BZ	11772	287	EP		21 3	36.72 0.26								1.0
AGRA	BZ	11816	294	EP		21 3	38.14-0.05								1.0
KLP	BZ	11878	299	EP		21 3	41.00-0.33								1.0
KAD	BZ	11983	283	EP		21 3	44.28-0.58								1.0
AJM	BZ	12132	293	EP		21 3	51.22 0.35								1.0
UDPR	BZ	12188	291	EP		21 3	52.20-0.84								1.0
UDPR	BN	12188	291	ES		2114	33.15 0.43								1.0

February 1 2021 Hour: 23:58 37.2 F Lat: 22.41S Lon: 171.52E D: 10.0F Ag: NCS Regional
Magnitudes: 5.8Mb NCS Rms: 1.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PBA	HZ	9373	285	EP		2411	7.37-2.00								1.0
SAIH	SZ	9848	295	EP		2411	30.41 0.14								1.0
SAIH	SZ	9848	295	I Amb		2411	33.37			52	1.1				
IMP	SZ	9869	297	EP		2411	29.85-1.23								1.0
IMP	SZ	9869	297	I Amb		2411	34.44			57	1.1				
MOKO	SZ	9888	299	EP		2411	31.53-0.80								1.0
MOKO	SZ	9888	299	I Amb		2411	35.66			53	1.1				
KOHI	SZ	9897	298	EP		2411	30.97-1.77								1.0
KOHI	SZ	9897	298	I Amb		2411	37.07			39	1.3				
AZL	SZ	9934	296	EP		2411	33.49-0.35								1.0
ITAN	SZ	9999	299	EP		2411	37.70 1.15								1.0
TEZP	SZ	10057	299	EP		2411	37.42-1.52								1.0
AGT	SZ	10074	296	EP		2411	41.06 1.38								1.0
AGT	SZ	10074	296	I Amb		2411	43.97			79	0.8				
SHL	HZ	10082	297	EP		2411	38.82-1.70								1.0

BOKR	HZ10572	294	EP	2411	59.99	-0.37									1.0
SALM	BZ10840	280	EP	2412	11.91	0.56									1.0
PTH	BZ11328	297	EP	2412	29.52	-1.44									1.0
KAD	BZ11460	283	EP	2412	32.92	-2.70									1.0
MERT	BZ11534	296	EP	2412	40.06	1.52									1.0
LDR	HZ11568	295	EP	2412	40.39	0.48									1.0
NDI	HZ11572	295	EP	2412	44.71	4.62									1.0
NRLA	BZ11586	296	EP	2412	43.06	2.43									1.0
TLSR	HZ11689	286	EP	2412	46.33	1.60									1.0

February 3 2021 Hour: 5:23 47.2 Lat: 36.29S Lon: 99.21W D: 10.0F Ag: NCS Regional
Magnitudes: 6.6MW NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SAIH	SZ18084	221	EP			543	49.52	0.63							1.0
AZL	SZ18214	223	EP			543	49.77	-0.22							1.0
AZL	SN18214	223	ES			550	54.40	-0.35							1.0
IMP	SZ18227	228	EP			543	50.43	0.37							1.0
IMP	SN18227	228	ES			550	54.25	-0.53							1.0
IMP	SZ18227	228	IAMs_20			618	28.72			2374	21.1				
KOHI	SZ18288	231	EP			543	50.43	-0.66							1.0
MOKO	SZ18306	234	EP			543	51.00	-0.17							1.0
MOKO	SN18306	234	ES			550	58.71	2.63							0.8
SHL	HZ18417	225	EP			543	51.74	-0.34							1.0
TEZP	SZ18451	230	EP			543	51.49	-0.32							1.0
BHPL	HZ18533	166	EP			543	53.62	1.20							1.0
GUNA	BZ18682	165	EP			543	52.03	-1.42							0.9
AJM	BZ18774	150	EP			543	53.87	-0.16							1.0
KUDL	HZ19024	155	EP			543	55.50	0.21							1.0
PTH	BZ19269	176	EP			543	57.56	0.61							1.0
JMU	BZ19343	124	EP			543	57.42	0.87							1.0
SMLA	HZ19351	149	EP			543	55.90	-0.98							1.0
DHRM	HZ19405	136	EP			543	57.42	-0.10							1.0
KLP	BZ19439	155	EP			543	57.43	-0.07							1.0
ALCI	BZ19613	124	EP			543	57.22	-0.27							1.0

February 3 2021 Hour: 13:18 53.7 Lat: 36.02N Lon: 70.66E D: 269.8 Ag: NCS Local
Magnitudes: 3.9ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TSSA	BZ	615	123	EP		1320	17.76	-0.52							1.0
TSSA	BN	615	123	ES		1321	20.25	0.26							1.0
TSSA	BE	615	123	IAML		1321	23.40			155	0.3				
TSSA	BN	615	123	IAML		1321	23.91			157	0.1				
THN	BZ	618	128	EP		1320	18.06	0.12							1.0
THN	BE	618	128	ES		1321	19.98	0.58							1.0
THN	BN	618	128	IAML		1321	24.76			124	0.3				
ALCI	BZ	627	107	EP		1320	18.48	-0.67							1.0
ALCI	BN	627	107	ES		1321	21.91	0.41							1.0
DHRM	HZ	668	127	EP		1320	24.29	0.03							1.0
DHRM	HN	668	127	ES		1321	30.20	-0.13							1.0
DHRM	HE	668	127	IAML		1321	34.83			204	0.4				
SMLA	HZ	812	130	EP		1320	40.54	0.23							1.0
SMLA	HE	812	130	ES		1321	56.71	-1.39							1.0
SMLA	HE	812	130	IAML		1322	5.34			73	0.2				
KLP	BZ	860	123	EP		1320	46.10	-0.21							1.0
KLP	BN	860	123	ES		1322	7.56	-0.92							1.0
UTK	BZ	931	127	EP		1320	54.70	0.52							1.0
UTK	BE	931	127	ES		1322	23.60	1.50							1.0
KUDL	HZ	1032	146	EP		1321	6.19	0.50							1.0
KUDL	HE	1032	146	ES		1322	41.68	-0.32							1.0
KUDL	HE	1032	146	IAML		1322	47.20			33	0.6				

February 3 2021 Hour: 14:29 52.9 Lat: 34.47N Lon: 77.94E D: 5.0F Ag: NCS Local
Magnitudes: 4.0ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	75	248	EP		1430	4.01	-2.06							1.0
ALCI	BN	75	248	ES		1430	15.08	-0.57							1.0
TSSA	BZ	248	222	EP		1430	30.90	0.01							1.0
TSSA	BN	248	222	ES		1430	59.34	0.75							1.0
TSSA	BE	248	222	IAML		1431	4.89			2281	0.5				
DHRM	HZ	289	212	EP		1430	37.01	0.95							1.0
DHRM	HE	289	212	ES		1431	6.74	-0.80							1.0
DHRM	HE	289	212	IAML		1431	18.74			2479	0.6				
THN	BZ	300	222	EP		1430	37.62	0.29							1.0
THN	BE	300	222	ES		1431	11.55	1.81							1.0
THN	BE	300	222	IAML		1431	24.14			966	0.9				
KLP	BZ	325	175	EP		1430	40.26	-0.11							1.0
KLP	BE	325	175	ES		1431	14.32	-0.67							1.0
KLP	BE	325	175	IAML		1431	27.06			550	0.6				
JMU	BZ	344	238	EP		1430	43.06	0.34							1.0
JMU	BE	344	238	IAML		1431	33.54			1026	0.7				
JMU	BN	344	238	IAML		1431	34.08			670	0.7				
BHK	BZ	353	196	EP		1430	45.05	1.20							1.0
BHK	BE	353	196	IAML		1431	35.72			661	0.5				
SMLA	HZ	377	191	EP		1430	46.29	-0.40							1.0
SMLA	HE	377	191	ES		1431	26.41	0.48							1.0
SMLA	HE	377	191	IAML		1431	38.76			828	1.2				
UTK	BZ	417	173	EP		1430	51.47	-0.06							1.0
UTK	BE	417	173	ES		1431	33.15	-1.16							1.0

February 3 2021 Hour: 15:39 4.5 Lat: 37.77N Lon: 69.91E D: 10.0F Ag: NCS Local
Magnitudes: 3.7ML NCS 3.6MW NCS Rms: 1.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	765	119	EP		1540	44.87	0.21							1.0
ALCI	BN	765	119	ES		1541	58.31	0.51							1.0
TSSA	BZ	788	132	EP		1540	47.82	-0.06							1.0
TSSA	BN	788	132	ES		1542	5.25	1.88							1.0
TSSA	BE	788	132	IAML		1542	7.47			82	0.3				
THN	BZ	798	136	EP		1540	49.23	0.68							1.0
THN	BE	798	136	ES		1542	5.48	0.94							1.0
THN	BN	798	136	IAML		1542	8.98			48	0.5				
THN	BE	798	136	IAML		1542	9.01			69	0.4				
DHRM	HZ	846	134	EP		1540	55.03	0.00							1.0
DHRM	HE	846	134	ES		1542	15.60	-0.14							1.0
DHRM	HE	846	134	IAML		1542	19.73			102	0.3				
SMLA	HZ	993	136	EP		1541	12.86	0.29							1.0
SMLA	HN	993	136	ES		1542	45.00	-1.09							1.0
SMLA	HN	993	136	IAML		1542	49.09			36	0.3				
KLP	BZ	1030	130	EP		1541	16.24	-1.15							1.0
KLP	BE	1030	130	ES		1542	52.36	-2.06							1.0
KLP	BE	1030	130	IAML		1542	56.95			29	0.6				
KLP	BN	1030	130	IAML		1542	59.23			31	0.4				

February 3 2021 Hour: 18:57 29.3 Lat: 23.51N Lon: 94.01E D: 25.8 Ag: NCS Local
Magnitudes: 3.2ML NCS 3.4MW NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AZL	SZ	137	281	EP		1857	51.41	0.54							1.0
AZL	SE	137	281	ES		1858	6.51	-0.08							1.0
AZL	SE	137	281	IAML		1858	11.07			500	0.2				
IMP	SZ	146	358	EP		1857	53.10	1.11							1.0
IMP	SN	146	358	ES		1858	10.56	2.04							1.0
IMP	SN	146	358	IAML		1858	13.78			482	0.3				

SAIH	SZ	154	223	EP	1857	52.90-0.14										1.0
SAIH	SE	154	223	ES	1858	10.30-0.03										1.0
SAIH	SN	154	223	IAML	1858	15.70			310	0.3						
KOHI	SZ	245	2	EP	1858	3.80-0.75										1.0
KOHI	SN	245	2	ES	1858	29.46-0.79										1.0
KOHI	SN	245	2	IAML	1858	39.00			235	0.6						
SHL	HZ	306	318	EP	1858	12.88 0.89										1.0
SHL	HE	306	318	ES	1858	44.24 1.12										1.0
SHL	HE	306	318	IAML	1858	47.45			90	0.2						
MOKO	SZ	315	9	EP	1858	12.91-0.20										1.0
MOKO	SN	315	9	ES	1858	45.41 0.36										1.0
MOKO	SN	315	9	IAML	1858	52.84			77	0.8						
TEZP	SZ	365	341	EP	1858	18.59-0.10										1.0
TEZP	SE	365	341	ES	1858	54.12-0.59										1.0
TEZP	SE	365	341	IAML	1858	55.43			56	0.2						
TEZP	SN	365	341	IAML	1858	55.47			64	0.1						
GUWA	SZ	378	322	EP	1858	19.83-0.46										1.0
GUWA	SE	378	322	ES	1858	55.93-1.54										1.0
ZIRO	SZ	445	358	EP	1858	27.60-0.89										1.0
ZIRO	SN	445	358	ES	1859	11.17-0.49										1.0
ZIRO	SE	445	358	IAML	1859	18.89			194	0.4						

February 3 2021 Hour: 19:30 23.1 Lat: 36.19N Lon: 70.29E D:291.7 Ag: NCS Local
Magnitudes: 4.0ML NCS 4.1MW NCS Rms: 0.7 secs
Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	475	119	EP		1931	33.78	1.01							1.0
SRIN	BN	475	119	ES		1932	22.69-0.97								1.0
SRIN	BE	475	119	IAML		1932	26.18			560	0.4				
JMU	BZ	562	131	EP		1931	41.47-0.64								1.0
JMU	BN	562	131	ES		1932	40.86 1.04								1.0
JMU	BN	562	131	IAML		1932	46.71			271	0.6				
TSSA	BZ	654	123	EP		1931	52.76-0.09								1.0
TSSA	BN	654	123	ES		1932	57.26-1.13								1.0
TSSA	BN	654	123	IAML		1932	59.36			115	0.7				
ALCI	BZ	665	107	EP		1931	53.59-0.05								1.0
ALCI	BN	665	107	ES		1932	59.35-0.41								1.0
DHRM	HE	705	127	ES		1933	8.89 0.25								1.0
DHRM	HE	705	127	IAML		1933	12.05			324	0.5				
BHK	BZ	774	132	EP		1932	6.05 0.20								1.0
BHK	BE	774	132	ES		1933	21.61 0.72								1.0
BHK	BE	774	132	IAML		1933	26.75			80	0.5				
SMLA	HZ	849	129	EP		1932	16.16 1.44								1.0
SMLA	HN	849	129	ES		1933	36.81 0.58								1.0
SMLA	HN	849	129	IAML		1933	41.62			104	0.5				
KLP	BZ	899	123	EP		1932	21.15 0.38								1.0
KLP	BE	899	123	ES		1933	46.97 0.28								1.0
KLP	BN	899	123	IAML		1933	53.13			56	0.7				
KUDL	HZ	1066	145	EP		1932	38.37-1.24								1.0
KUDL	HN	1066	145	ES		1934	18.69-0.59								1.0
KUDL	HN	1066	145	IAML		1934	27.06			25	0.6				
PTH	BZ	1180	125	EP		1932	53.50-0.21								1.0
LGTI	BZ	1185	127	EP		1932	53.92-0.56								1.0

February 4 2021 Hour: 5: 6 26.4 Lat: 28.78N Lon: 87.38E D: 14.8 Ag: NCS Local
Magnitudes: 4.5ML NCS 4.7MW NCS Rms: 0.9 secs
Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JPG	BZ	280	152	EP		5 7	7.63	1.06							1.0
JPG	BE	280	152	ES		5 7	36.21	0.32							1.0
JPG	BE	280	152	IAML		5 7	45.29			3832	0.6				
VLK	BN	370	247	IAML		5 8	13.83			6746	1.3				
GKPR	BZ	450	241	EP		5 7	27.94	0.62							1.0
GKPR	BN	450	241	ES		5 8	12.51	0.73							1.0

GKPR	BN	450	241	IAML	5	8	15.42	1158	0.6	
GAYA	BZ	489	206	EP	5	7	31.33-0.78			1.0
GAYA	BN	489	206	ES	5	8	20.62 0.56			1.0
GUWA	SZ	513	123	EP	5	7	34.67-0.37			1.0
GUWA	SN	513	123	ES	5	8	25.45 0.32			1.0
BOKR	HZ	572	195	EP	5	7	42.13-0.13			1.0
BOKR	HN	572	195	ES	5	8	36.40-1.23			1.0
SHL	HZ	579	127	EP	5	7	42.06-1.50			1.0
TEZP	SZ	586	113	EP	5	7	43.03-0.82			1.0
TEZP	SE	586	113	ES	5	8	39.61-0.78			1.0
ITAN	SZ	650	105	EP	5	7	51.32-0.43			1.0
ITAN	SN	650	105	ES	5	8	54.61 0.57			1.0
ITAN	SE	650	105	IAML	5	9	34.95	2067	1.6	
AGT	SZ	665	144	EP	5	7	52.20-1.34			1.0
AGT	SN	665	144	ES	5	8	56.90-0.24			1.0
ALBI	BZ	673	236	EP	5	7	54.52-0.01			1.0
ALBI	BN	673	236	ES	5	8	59.05 0.20			1.0
ALBI	BN	673	236	IAML	5	9	5.67	340	1.5	
SILR	SZ	698	128	EP	5	7	58.51 0.98			1.0
LGTI	BZ	713	277	EP	5	8	0.74 0.53			1.0
LGTI	BN	713	277	ES	5	9	7.70-0.98			1.0
BELO	SZ	735	145	EP	5	8	0.64-1.49			1.0
BELO	SN	735	145	IAML	5	9	24.05	512	0.7	
KOHI	SZ	747	115	EP	5	8	4.16 0.01			1.0
KOHI	SE	747	115	ES	5	9	17.26 1.77			1.0
KOHI	SN	747	115	IAML	5	9	26.04	567	1.2	
MOKO	SZ	755	109	EP	5	8	4.12-0.95			1.0
AZL	SZ	770	135	EP	5	8	6.84 0.44			1.0
AZL	SN	770	135	ES	5	9	20.66 1.27			1.0
AZL	SE	770	135	IAML	5	9	25.59	208	0.9	
IMP	SZ	786	122	EP	5	8	7.96-0.33			1.0
IMP	SE	786	122	IAML	5	10	8.83	238	1.9	
JHSG	BN	858	206	EP	5	8	17.98 0.83			1.0
JHSG	BE	858	206	ES	5	9	39.08 1.10			1.0
JHSG	BE	858	206	IAML	5	9	45.42	778	1.4	
JHSG	BN	858	206	IAML	5	9	46.36	666	0.8	
UTK	BZ	891	286	EP	5	8	21.22-0.15			1.0
UTK	BN	891	286	ES	5	9	44.46-0.82			1.0
SAIH	SZ	895	140	EP	5	8	22.07 0.30			1.0
BLSP	BZ	906	216	EP	5	8	23.66 0.65			1.0
BLSP	BN	906	216	IAML	5	9	59.26	151	0.3	
HNLY	BZ	918	301	EP	5	8	26.49 1.81			1.0
JHNI	BZ	943	249	EP	5	8	27.66 0.11			1.0
JHNI	BN	943	249	ES	5	9	55.88-0.09			1.0
JHNI	BN	943	249	IAML	5	10	1.92	229	0.9	
BWNR	BZ	957	190	EP	5	8	27.91-1.32			1.0
BWNR	BN	957	190	ES	5	9	58.09-0.79			1.0
BWNR	BN	957	190	IAML	5	10	6.96	90	0.9	
SMLA	HZ	1019	287	EP	5	8	38.66 1.64			1.0
SMLA	HN	1019	287	ES	5	10	10.03-2.32			0.0
SMLA	HE	1019	287	IAML	5	10	26.47	98	1.5	
BHK	BZ	1099	288	EP	5	8	46.77 0.25			1.0
BHK	BN	1099	288	ES	5	10	26.31-2.50			1.0
DHRM	HZ	1130	293	EP	5	8	51.03-0.03			1.0
DHRM	HN	1130	293	ES	5	10	36.83 0.18			1.0
DHRM	HE	1130	293	IAML	5	10	53.34	108	2.0	
ALCI	BZ	1140	304	EP	5	8	51.88 0.10			1.0
ALCI	BN	1140	304	ES	5	10	37.35-0.55			1.0
ALCI	BE	1140	304	IAML	5	10	54.35	89	1.7	
TSSA	BZ	1164	296	EP	5	8	55.18-0.00			1.0
TSSA	BN	1164	296	ES	5	10	44.40 0.62			1.0
TSSA	BN	1164	296	IAML	5	11	7.34	131	1.4	
BHPL	HZ	1169	241	EP	5	8	54.74-0.41			1.0
BHPL	HN	1169	241	ES	5	10	43.37-0.36			1.0

BHPL	HN	1169	241	IAML	510	50.38		241	0.8	
BHPL	HE	1169	241	IAML	510	50.73		123	0.6	
DIBR	SN	1238	94	IAML	510	13.02		852	1.9	
AJM	BZ	1285	261	EP	5	9	9.50	0.22		1.0
HYB	HZ	1547	218	EP	5	9	40.59	-0.79		1.0
BHUJ	HZ	1874	255	EP	510	22.47	1.64			0.8
BHUJ	HN	1874	255	ES	513	13.15	1.20			0.8

February 4 2021 Hour: 17: 2 4.2 Lat: 36.52N Lon: 77.11E D:162.7 Ag: NCS Local
Magnitudes: 4.5ML NCS 4.6MW NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	256	179	EP		17	2	43.46	-0.03						1.0
ALCI	BN	256	179	ES		17	3	10.81	-1.39						1.0
SRIN	BZ	345	218	EP		17	2	52.49	-0.59						1.0
SRIN	BN	345	218	ES		17	3	27.91	-0.88						1.0
SRIN	BN	345	218	IAML		17	3	30.06		935	0.6				
TSSA	BZ	418	192	EP		17	3	3.05	1.08						1.0
TSSA	BN	418	192	ES		17	3	43.64	-0.54						1.0
TSSA	BN	418	192	IAML		17	3	48.78		2331	0.7				
JMU	BZ	465	207	EP		17	3	6.59	-0.08						1.0
JMU	BN	465	207	ES		17	3	51.86	-0.44						1.0
JMU	BE	465	207	IAML		17	3	55.92		749	0.7				
JMU	BN	465	207	IAML		17	3	56.80		804	0.4				
DHRM	HN	480	189	EP		17	3	10.03	0.82						1.0
DHRM	HN	480	189	ES		17	3	58.44	1.74						1.0
DHRM	HN	480	189	IAML		17	4	4.15		1481	0.5				
BHK	BZ	573	187	EP		17	3	21.18	1.85						1.0
BHK	BN	573	187	ES		17	4	15.19	0.98						1.0
BHK	BN	573	187	IAML		17	4	17.99		732	0.4				
UTK	BN	654	169	ES		17	4	32.87	1.57						1.0
UTK	BE	654	169	IAML		17	4	37.65		1893	0.4				
UTK	BN	654	169	IAML		17	4	38.14		1463	0.5				
KKR	BE	728	182	ES		17	4	45.77	-0.37						1.0
KKR	BE	728	182	IAML		17	4	52.81		1739	0.4				
KKR	BN	728	182	IAML		17	4	52.85		853	0.3				
PTH	BN	821	159	IAML		17	5	12.52		206	0.6				
LGTI	BZ	837	160	EP		17	3	52.28	0.73						1.0
LGTI	BN	837	160	ES		17	5	10.01	0.06						1.0
LGTI	BE	837	160	IAML		17	5	15.38		346	0.4				
NDI	HZ	869	179	EP		17	3	55.63	1.05						1.0
NPL	BZ	874	180	EP		17	3	56.11	0.90						1.0
NPL	BN	874	180	ES		17	5	16.77	0.50						1.0
NPL	BE	874	180	IAML		17	5	20.06		470	0.5				
SONA	BZ	918	180	EP		17	4	1.30	0.88						1.0
SONA	BE	918	180	ES		17	5	25.55	0.26						1.0
SONA	BE	918	180	IAML		17	5	30.23		570	0.5				
KUDL	HZ	931	184	EP		17	4	2.90	0.89						1.0
KUDL	HE	931	184	ES		17	5	28.35	0.31						1.0
KUDL	HE	931	184	IAML		17	5	32.97		138	0.3				
KUDL	HN	931	184	IAML		17	5	33.26		123	0.5				
AJM	BZ	1144	193	EP		17	4	26.88	-0.69						1.0
AJM	BN	1144	193	ES		17	6	11.83	-0.43						1.0
AJM	BN	1144	193	IAML		17	6	20.43		112	0.6				
JASL	BN	1215	211	ES		17	6	26.82	-0.20						1.0
JHNI	BZ	1235	173	EP		17	4	37.73	-0.71						1.0
JHNI	BE	1235	173	ES		17	6	30.16	-0.90						1.0
JHNI	BE	1235	173	IAML		17	6	35.69		112	0.5				
GUNA	BZ	1316	179	EP		17	4	46.71	-1.54						1.0
GUNA	BN	1316	179	ES		17	6	48.49	0.45						1.0
GUNA	BE	1316	179	IAML		17	6	51.83		218	0.5				
UDPR	BZ	1363	195	EP		17	4	53.63	-0.20						1.0
UDPR	BE	1363	195	ES		17	6	56.08	-1.60						1.0
NRDN	BN	1580	182	ES		17	7	42.39	-0.49						0.9

NRDN	BE	1580	182	IAML	17	7	50.63		47	0.4				
NRDN	BN	1580	182	IAML	17	7	51.89		57	0.4				
BLSP	BZ	1671	162	EP	17	5	29.96-1.03							0.9
BLSP	BN	1671	162	ES	17	8	1.46-0.52							0.9
BLSP	BN	1671	162	IAML	17	8	11.10		121	0.6				
AKL	BE	1753	180	ES	17	8	18.14-0.71							0.8
ZIRO	SZ	1865	118	EP	17	5	53.32-0.91							0.8
ZIRO	SN	1865	118	ES	17	8	40.50-1.69							0.8
KOHI	SE	2010	122	ES	17	9	13.23-0.01							0.7
KOHI	SE	2010	122	IAML	17	9	36.76		28	0.8				
AZL	SZ	2058	129	EP	17	6	16.24-1.30							0.0
AZL	SN	2058	129	ES	17	9	23.85 1.34							0.6
IMP	SZ	2063	124	EP	17	6	17.20-0.89							0.6

February 4 2021 Hour: 22:13 15.1 Lat: 27.87N Lon: 88.57E D: 10.0F Ag: NCS Local
Magnitudes: 3.6ML NCS 3.5MW NCS Rms: 0.6 secs
Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GUWA	SZ	361	120	EP		2214	6.35	0.64							1.0
GUWA	SN	361	120	ES		2214	42.92	0.26							1.0
SHL	HZ	425	126	EP		2214	12.76-1.29								1.0
SHL	HN	425	126	ES		2214	56.49-0.61								1.0
TEZP	SZ	441	107	EP		2214	15.98	0.50							1.0
TEZP	SE	441	107	ES		2215	0.15	0.59							1.0
TEZP	SN	441	107	IAML		2215	5.06			226	0.2				
ITAN	SZ	515	98	EP		2214	23.89-0.71								1.0
ITAN	SN	515	98	ES		2215	16.23	0.89							1.0
KOHI	SZ	600	112	EP		2214	35.45	0.05							1.0
KOHI	SN	600	112	ES		2215	33.95-0.08								1.0
KOHI	SN	600	112	IAML		2215	39.79			73	0.4				
MOKO	SZ	614	105	EP		2214	37.28	0.21							1.0
MOKO	SN	614	105	ES		2215	35.95-0.96								1.0
MOKO	SN	614	105	IAML		2215	45.47			110	0.4				
AZL	SZ	616	137	EP		2214	37.49	0.57							1.0
AZL	SN	616	137	ES		2215	36.80	0.14							1.0
AZL	SE	616	137	IAML		2215	44.79			97	0.3				
AZL	SN	616	137	IAML		2215	45.06			63	0.4				
IMP	SZ	633	121	EP		2214	38.87-0.10								1.0
IMP	SN	633	121	ES		2215	39.69-0.51								1.0
SAIH	SZ	744	142	EP		2214	52.46-0.05								1.0
SAIH	SN	744	142	ES		2216	4.09	0.46							1.0
SAIH	SE	744	142	IAML		2216	10.84			178	0.3				

February 4 2021 Hour: 23: 3 3.2 Lat: 29.39N Lon: 86.89E D: 10.0F Ag: NCS Regional
Magnitudes: 3.1ML NCS 3.6MW NCS Rms: 0.8 secs
Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TEZP	SZ	657	116	EP		23	4	30.95	0.98						1.0
SHL	HZ	658	129	EP		23	4	29.70-0.91							1.0
KOHI	SZ	820	118	EP		23	4	50.61	0.17						1.0
KOHI	SN	820	118	ES		23	6	8.76	0.04						1.0
KOHI	SE	820	118	IAML		23	6	18.95			13	0.9			
SAIH	SZ	978	140	EP		23	5	8.76-0.45							1.0
SAIH	SN	978	140	ES		23	6	41.64	0.44						1.0
SAIH	SN	978	140	IAML		23	6	49.32			8	1.0			
DHRM	HZ	1061	290	EP		23	5	18.57-1.43							1.0
DHRM	HN	1061	290	ES		23	7	1.03	1.17						1.0

February 5 2021 Hour: 1:23 14.4 Lat: 28.86N Lon: 77.04E D: 13.5 Ag: NCS Local
Magnitudes: 2.0ML NCS 2.0MW NCS Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NRLA	BZ	10	145	EP		123	17.33	0.04							1.0
NRLA	BN	10	145	ES		123	19.38	-0.02							1.0
NRLA	BN	10	145	IAML		123	20.44			360	0.2				
NDI	HZ	26	139	EP		123	19.34	-0.06							1.0
NDI	HN	26	139	ES		123	23.10	0.04							1.0
NDI	HN	26	139	IAML		123	23.50			70	0.3				
NDI	HE	26	139	IAML		123	23.56			80	0.2				
NPL	BZ	28	152	EP		123	19.75	0.02							1.0
NPL	BN	28	152	ES		123	23.61	-0.01							1.0
NPL	BN	28	152	IAML		123	24.91			135	0.2				
NPL	BE	28	152	IAML		123	25.14			147	0.2				

February 5 2021 Hour: 6:35 54.5 Lat: 36.55N Lon: 69.70E D: 30.0F Ag: NCS Local
Magnitudes: 3.8ML NCS 3.8MW NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TSSA	BZ	720	123	EP		637	27.18	-0.26							1.0
TSSA	BN	720	123	ES		638	34.68	-0.62							1.0
TSSA	BN	720	123	IAML		638	37.27			169	0.3				
ALCI	BZ	727	109	EP		637	28.10	0.18							1.0
ALCI	BN	727	109	ES		638	37.13	1.00							1.0
ALCI	BN	727	109	IAML		638	39.22			32	0.2				
DHRM	HZ	772	126	EP		637	34.52	0.63							1.0
DHRM	HE	772	126	ES		638	46.58	0.12							1.0
DHRM	HE	772	126	IAML		638	48.06			203	0.4				
BHK	BZ	841	131	EP		637	41.81	0.27							1.0
BHK	BN	841	131	ES		639	1.22	1.53							1.0
BHK	BN	841	131	IAML		639	3.94			87	0.4				
KLP	BZ	965	123	EP		637	56.38	-0.95							1.0
KLP	BN	965	123	ES		639	25.09	-1.91							1.0
KLP	BN	965	123	IAML		639	27.49			44	0.5				

February 5 2021 Hour: 11:47 57.3 Lat: 21.22N Lon: 97.34E D: 30.0F Ag: NCS Local
Magnitudes: 3.6ML NCS 4.1MW NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SAIH	SZ	472	288	EP		1149	0.20	0.77							1.0
SAIH	SE	472	288	ES		1149	44.32	-0.42							1.0
IMP	SZ	530	320	EP		1149	6.53	0.02							1.0
IMP	SE	530	320	ES		1149	57.22	0.23							1.0
IMP	SN	530	320	IAML		1150	35.93			98	1.4				
AZL	SZ	554	301	EP		1149	8.97	-0.50							1.0
AZL	SE	554	301	ES		1150	2.53	0.42							1.0
KOHI	SZ	598	327	EP		1149	15.50	0.19							1.0
KOHI	SE	598	327	ES		1150	9.89	-2.33							1.0
KOHI	SE	598	327	IAML		1150	10.94			132	1.1				
MOKO	SZ	634	334	EP		1149	19.64	-0.03							1.0
MOKO	SE	634	334	ES		1150	20.92	1.16							1.0
MOKO	SN	634	334	IAML		1150	54.80			95	1.2				
SHL	HZ	729	312	EP		1149	30.95	-0.30							1.0
SHL	HN	729	312	ES		1150	40.35	0.55							1.0
ITAN	SZ	752	331	EP		1149	33.94	0.28							1.0
ITAN	SN	752	331	ES		1150	44.47	0.49							1.0
TEZP	SZ	756	323	EP		1149	33.51	-0.54							1.0

February 7 2021 Hour: 4:23 10.7 Lat: 7.48N Lon: 123.51E D: 15.0F Ag: NCS Regional
 Magnitudes: 6.3Mb NCS 6.3MW NCS Rms: 1.6 secs
 Rms: 1.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SAIH	SZ	3668	300	EP		429	47.46	2.43							1.0
IMP	SZ	3685	305	EP		429	47.70	1.38							1.0
IMP	SZ	3685	305	IAmb		429	49.09			134	1.1				
IMP	SN	3685	305	ES		435	8.80	2.73							1.0
MOKO	SZ	3711	308	EP		429	51.40	2.59							1.0
MOKO	SZ	3711	308	IAmb		429	57.67			621	1.5				
MOKO	SN	3711	308	ES		435	12.32	1.84							1.0
KOHI	SZ	3716	306	EP		429	49.63	0.42							1.0
KOHI	SZ	3716	306	IAmb		429	57.48			420	1.2				
KOHI	SN	3716	306	ES		435	13.27	2.09							1.0
AZL	SZ	3750	302	EP		429	53.09	1.69							1.0
AZL	SZ	3750	302	IAmb		430	2.92			596	1.7				
AZL	SE	3750	302	ES		435	17.45	2.34							1.0
SILR	SZ	3787	304	EP		429	57.48	3.24							1.0
SILR	SZ	3787	304	IAmb		430	1.63			165	0.6				
ITAN	SZ	3825	308	EP		429	58.85	1.62							1.0
ITAN	SZ	3825	308	IAmb		430	0.87			1220	1.1				
TEZP	SZ	3878	307	EP		430	3.55	2.26							1.0
TEZP	SZ	3878	307	IAmb		430	12.12			1256	1.9				
TEZP	SE	3878	307	ES		435	34.47	1.74							1.0
AGT	SZ	3892	301	EP		430	5.31	2.95							1.0
SHL	HZ	3898	305	EP		430	5.29	1.88							1.0
SHL	HZ	3898	305	IAmb		430	13.10			848	1.3				
GUWA	SZ	3955	305	EP		430	9.02	1.73							1.0
GUWA	SZ	3955	305	IAmb		430	16.17			420	1.8				
GUWA	SN	3955	305	ES		435	45.22	1.79							1.0
BWNR	BZ	4300	293	EP		430	34.86	1.30							1.0
BWNR	BZ	4300	293	IAmb		430	43.54			587	1.3				
BOKR	HZ	4401	299	EP		430	41.26	0.04							1.0
BOKR	HZ	4401	299	IAmb		430	51.12			484	1.4				
BOKR	HN	4401	299	ES		436	44.85	0.59							1.0
GAYA	BZ	4499	300	EP		430	49.32	0.85							1.0
GAYA	BZ	4499	300	IAmb		430	57.60			666	1.6				
GAYA	BN	4499	300	ES		436	58.25	0.93							1.0
RAGD	BZ	4518	291	EP		430	50.71	0.84							1.0
BLSP	BZ	4716	295	EP		431	4.69	0.17							1.0
BLSP	BZ	4716	295	IAmb		431	13.51			788	1.6				
VLK	BZ	4720	303	EP		431	6.29	1.49							1.0
GKPR	BZ	4740	302	EP		431	8.03	1.84							1.0
GKPR	BZ	4740	302	IAmb		431	9.40			326	0.9				
VJD	BZ	4765	286	EP		431	9.04	1.01							1.0
VJD	BZ	4765	286	IAmb		431	17.64			862	1.6				
MDRS	HZ	4781	281	EP		431	10.71	1.47							1.0
MDRS	HZ	4781	281	IAmb		431	18.14			429	1.6				
ALBI	BZ	4845	299	EP		431	13.69	-0.18							1.0
ALBI	BZ	4845	299	IAmb		431	22.38			738	1.4				
LKN	BZ	4980	301	EP		431	24.30	0.71							1.0
SALM	BZ	4996	279	EP		431	25.13	0.29							1.0
SALM	BZ	4996	279	IAmb		431	33.41			426	1.7				
HYB	HZ	4998	287	EP		431	24.47	-0.51							1.0
HYB	HZ	4998	287	IAmb		431	33.47			900	1.7				
NGP	BZ	5011	292	EP		431	26.37	0.55							1.0
NGP	BZ	5011	292	IAmb		431	34.41			732	1.7				
KOD	BZ	5071	277	EP		431	28.91	-1.50							1.0
KOD	BN	5071	277	ES		438	11.78	-1.51							1.0
TRVM	HZ	5131	275	EP		431	33.43	-0.93							0.0
TRVM	HZ	5131	275	IAmb		431	48.78			185	1.3				
PTH	BZ	5144	304	EP		431	35.43	-0.43							1.0
PTH	BZ	5144	304	IAmb		431	42.47			471	1.8				

PTH	BN	5144	304	ES	438	21.81-1.39			1.0
JHNI	BZ	5159	298	EP	431	35.80-0.52			1.0
JHNI	BZ	5159	298	IAmb	431	43.74	703	1.7	
JHNI	BN	5159	298	ES	438	24.90 0.80			1.0
AKL	BZ	5210	291	EP	431	40.58 0.64			1.0
AKL	BZ	5210	291	IAmb	431	48.34	1206	1.7	
AKL	BN	5210	291	ES	438	32.60 1.91			1.0
BHPL	HZ	5221	295	EP	431	40.63-0.03			1.0
BHPL	HZ	5221	295	IAmb	431	48.89	264	1.2	
BHPL	HN	5221	295	ES	438	31.97-0.04			1.0
LATR	BZ	5225	288	EP	431	40.32-0.69			1.0
LATR	BZ	5225	288	IAmb	431	49.23	297	1.1	
GUNA	BZ	5264	297	EP	431	43.13-0.58			1.0
GUNA	BZ	5264	297	IAmb	431	51.61	429	1.2	
GUNA	BN	5264	297	ES	438	36.92-0.65			1.0
NRDN	BZ	5295	293	EP	431	44.86-1.02			1.0
NRDN	BZ	5295	293	IAmb	431	54.31	533	1.4	
UTK	BZ	5346	305	EP	431	49.86 0.20			1.0
UTK	BZ	5346	305	IAmb	431	59.31	374	1.1	
HNLY	BZ	5378	308	EP	431	50.47-1.31			1.0
HNLY	BZ	5378	308	IAmb	432	2.45	492	1.8	
HNLY	BN	5378	308	ES	438	49.74-2.58			1.0
NDI	HZ	5390	302	EP	431	52.45-0.02			1.0
NDI	HZ	5390	302	IAmb	431	58.87	177	1.4	
NDI	HN	5390	302	ES	438	52.50-1.10			1.0
AYAN	BZ	5392	302	EP	431	53.29 0.66			1.0
AYAN	BZ	5392	302	IAmb	432	0.02	368	1.6	
AYAN	BN	5392	302	ES	438	53.64-0.25			1.0
KLP	BZ	5393	306	EP	431	51.58-1.71			1.0
KLP	BZ	5393	306	IAmb	432	2.89	2313	2.3	
KLP	BN	5393	306	ES	438	54.29-0.75			1.0
KUDL	HZ	5442	301	EP	431	55.11-0.90			1.0
KUDL	HZ	5442	301	IAmb	432	2.90	296	1.5	
KUDL	HN	5442	301	ES	438	59.70-0.39			1.0
KAD	BZ	5459	286	EP	431	57.86 0.62			1.0
KAD	BZ	5459	286	IAmb	432	4.66	1127	2.2	
SMLA	HZ	5475	305	EP	431	56.79-1.83			1.0
SMLA	HN	5475	305	ES	439	4.10-0.75			1.0
GOA	HZ	5482	284	EP	431	58.53-0.28			1.0
GOA	HZ	5482	284	IAmb	432	6.49	553	1.8	
GOA	HN	5482	284	ES	439	3.20-2.03			1.0
CGRH	BZ	5502	304	EP	431	58.46-1.74			1.0
CGRH	BZ	5502	304	IAmb	431	59.77	433	0.4	
CGRH	BN	5502	304	ES	439	5.42-2.34			1.0
POO	HZ	5507	288	EP	431	59.17-1.47			1.0
BHK	BZ	5556	305	EP	432	2.33-1.57			1.0
BHK	BZ	5556	305	IAmb	432	11.88	1066	1.8	
BHK	BN	5556	305	ES	439	12.75-1.82			1.0
AJM	BZ	5573	298	EP	432	4.33-0.76			1.0
AJM	BZ	5573	298	IAmb	432	5.78	123	1.4	
AJM	BN	5573	298	ES	439	15.70-1.04			1.0
ALCI	BZ	5591	309	EP	432	3.94-2.50			1.0
ALCI	BZ	5591	309	IAmb	432	20.47	269	1.5	
ALCI	BN	5591	309	ES	439	15.86-3.35			1.0
DHRM	HZ	5593	306	EP	432	4.42-2.74			1.0
DHRM	HZ	5593	306	IAmb	432	13.96	761	1.7	
DHRM	HN	5593	306	ES	439	18.57-1.91			1.0
BOM	BZ	5620	288	EP	432	9.16 0.91			1.0
BOM	BZ	5620	288	IAmb	432	15.45	602	1.9	
BOM	BN	5620	288	ES	439	25.16 2.60			1.0
UDPR	BZ	5621	296	EP	432	8.75 0.47			1.0
UDPR	BZ	5621	296	IAmb	432	16.19	1429	2.2	
UDPR	BN	5621	296	ES	439	24.43 1.82			1.0
TSSA	BZ	5628	307	EP	432	9.05-0.40			1.0

TSSA	BZ	5628	307	IAmb	432	15.96		753	1.7	
TSSA	BN	5628	307	ES	439	22.82-1.88				1.0
BHV	BZ	5728	292	EP	432	17.58	2.08			1.0
BHV	BZ	5728	292	IAmb	432	23.59		372	1.4	
BHV	BN	5728	292	ES	439	34.25-1.66				1.0
BKNR	BZ	5744	300	EP	432	15.68-0.92				1.0
BKNR	BZ	5744	300	IAmb	432	16.45		421	1.2	
BKNR	BN	5744	300	ES	439	36.46-1.47				1.0
SRIN	BZ	5791	308	EP	432	18.53-1.26				1.0
JASL	BZ	5947	298	EP	432	26.02-4.16				1.0
JASL	BZ	5947	298	IAmb	432	30.93		120	1.1	
JASL	BN	5947	298	ES	440	0.64-2.35				1.0
BHUJ	HZ	6004	293	EP	432	32.68-1.24				1.0
BHUJ	HZ	6004	293	IAmb	432	41.98		892	1.9	

February 7 2021 Hour: 5:46 2.1 Lat: 3.43S Lon: 146.66E D: 91.5 Ag: NCS Regional
Magnitudes: 6.0Mb NCS Rms: 1.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PWAL	BZ			EP		557	24.82								
PWAL	BN			ES		6 6	56.54								
IMP	SZ	6496	302	EP		555	47.01-0.92								1.0
IMP	SE	6496	302	ES		6 3	43.25-1.11								1.0
SAIH	SZ	6499	299	EP		555	47.90-0.26								1.0
SAIH	SZ	6499	299	IAmb		555	56.63			449	1.4				
MOKO	SZ	6504	304	EP		555	47.23-1.66								1.0
MOKO	SZ	6504	304	IAmb		555	57.80			607	1.9				
MOKO	SN	6504	304	ES		6 3	44.83-1.25								1.0
KOHI	SZ	6517	303	EP		555	48.66-1.09								1.0
KOHI	SN	6517	303	ES		6 3	45.75-1.93								1.0
JORH	SZ	6546	304	EP		555	51.01-0.03								1.0
JORH	SE	6546	304	ES		6 3	50.04-0.12								1.0
AZL	SZ	6574	300	EP		555	51.24-1.55								1.0
AZL	SZ	6574	300	IAmb		556	0.80			175	1.2				
AZL	SE	6574	300	ES		6 3	51.80-1.63								1.0
SILR	SZ	6603	301	EP		555	55.37	0.86							1.0
SILR	SE	6603	301	ES		6 3	58.40	1.74							1.0
ITAN	SZ	6612	304	EP		555	54.72-0.45								1.0
ITAN	SZ	6612	304	IAmb		556	5.27			299	1.0				
ITAN	SN	6612	304	ES		6 3	57.61-0.26								1.0
TEZP	SZ	6676	303	EP		555	57.78-1.24								1.0
TEZP	SZ	6676	303	IAmb		556	6.91			232	1.5				
TEZP	SN	6676	303	ES		6 4	5.33	0.23							1.0
SHL	HZ	6710	302	EP		556	0.95-0.70								1.0
SHL	HZ	6710	302	IAmb		556	9.84			572	2.2				
SHL	HE	6710	302	ES		6 4	12.47	2.54							1.0
AGT	SZ	6718	300	EP		556	0.37-1.26								1.0
AGT	SZ	6718	300	IAmb		556	2.60			156	0.4				
AGT	SE	6718	300	ES		6 4	8.90-1.07								1.0
GUWA	SZ	6762	303	EP		556	2.63-1.69								1.0
GUWA	SZ	6762	303	IAmb		556	12.11			171	1.7				
GUWA	SE	6762	303	ES		6 4	19.40	4.38							1.0
CAL	BN	6957	297	ES		6 4	39.13	2.07							1.0
COBR	BZ	6976	302	EP		556	17.47	0.27							1.0
COBR	BE	6976	302	ES		6 4	42.25	3.04							1.0
JPG	BE	7056	302	ES		6 4	48.35	0.14							1.0
BWNR	BE	7140	294	ES		6 4	58.33	0.79							1.0
BOKR	HZ	7236	298	EP		556	34.52	1.86							1.0
BOKR	HN	7236	298	ES		6 5	6.68-1.65								1.0
GAYA	BZ	7331	299	EP		556	39.58	1.51							1.0
GAYA	BZ	7331	299	IAmb		556	46.69			291	1.6				
GAYA	BN	7331	299	ES		6 5	19.53	0.94							1.0
RAGD	BZ	7354	293	EP		556	38.71-0.71								1.0
RAGD	BZ	7354	293	IAmb		556	48.05			311	1.9				

RAGD	BE	7354	293	ES	6	5	21.65	0.50				1.0
STMR	BN	7388	301	ES	6	5	25.17	0.33				1.0
VLK	BZ	7539	301	EP	556		49.56	-0.41				1.0
VLK	BN	7539	301	ES	6	5	40.60	-0.53				1.0
BLSP	BZ	7556	295	EP	556		52.16	1.19				1.0
BLSP	BZ	7556	295	IAmb	556		59.04		193	1.5		
BLSP	BN	7556	295	ES	6	5	42.23	-0.82				1.0
VAR	BZ	7563	299	EP	556		50.81	-0.47				1.0
VAR	BE	7563	299	ES	6	5	46.78	3.15				1.0
GKPR	BE	7564	301	ES	6	5	45.52	1.76				1.0
KNKR	BZ	7580	293	EP	556		50.55	-1.75				1.0
KNKR	BZ	7580	293	IAmb	557		0.30		227	1.6		
KNKR	BN	7580	293	ES	6	5	47.56	2.00				1.0
VJD	BZ	7585	289	EP	556		48.94	-3.56				1.0
VJD	BZ	7585	289	IAmb	557		2.45		572	2.3		
VJD	BE	7585	289	ES	6	5	47.21	1.25				1.0
ALBI	BZ	7679	299	EP	556		58.37	0.58				1.0
ALBI	BZ	7679	299	IAmb	557		5.77		375	1.6		
SALM	BZ	7763	284	EP	556		59.79	-2.70				1.0
SALM	BZ	7763	284	IAmb	557		12.42		241	1.6		
SALM	BN	7763	284	ES	6	6	6.93	1.97				1.0
LKN	BZ	7808	300	EP	557		3.21	-1.74				1.0
LKN	BN	7808	300	ES	6	6	9.25	-0.41				1.0
KOD	BZ	7816	282	EP	557		5.20	-0.48				1.0
HYB	HZ	7822	290	EP	557		5.89	0.11				1.0
HYB	HN	7822	290	ES	6	6	11.19	-0.04				1.0
NGP	BZ	7850	294	EP	557		7.92	0.66				1.0
NGP	BN	7850	294	ES	6	6	11.21	-2.85				1.0
FRKB	BZ	7953	300	EP	557		12.36	-0.50				1.0
FRKB	BZ	7953	300	IAmb	557		12.94		326	0.4		
FRKB	BE	7953	300	ES	6	6	25.79	1.02				1.0
PTH	BZ	7954	303	EP	557		13.72	0.21				1.0
PTH	BZ	7954	303	IAmb	557		31.25		259	1.4		
PTH	BN	7954	303	ES	6	6	25.77	-0.13				1.0
JHNI	BZ	7995	298	EP	557		15.58	0.49				1.0
JHNI	BE	7995	298	ES	6	6	26.33	-2.72				1.0
AKL	BZ	8048	293	EP	557		19.02	1.10				1.0
AKL	BZ	8048	293	IAmb	557		25.55		296	1.7		
AKL	BE	8048	293	ES	6	6	33.88	-0.58				1.0
LATR	BZ	8053	290	EP	557		16.33	-1.91				1.0
LATR	BN	8053	290	ES	6	6	31.95	-3.11				1.0
BHPL	HZ	8061	296	EP	557		19.09	0.46				1.0
BHPL	HE	8061	296	ES	6	6	36.38	0.55				1.0
GUNA	BZ	8102	297	EP	557		21.86	0.99				1.0
GUNA	BE	8102	297	ES	6	6	40.06	-0.04				1.0
UNCH	BN	8117	301	ES	6	6	41.64	0.05				1.0
NRDN	BZ	8135	294	EP	557		23.06	0.48				1.0
NRDN	BE	8135	294	ES	6	6	43.10	-0.28				1.0
UTK	BZ	8151	303	EP	557		22.68	-0.96				1.0
HNLV	BZ	8161	306	EP	557		26.31	2.22				1.0
HNLV	BZ	8161	306	IAmb	557		47.39		356	1.8		
HNLV	BN	8161	306	ES	6	6	46.40	0.13				1.0
KLP	BN	8190	304	ES	6	6	51.26	1.19				1.0
JMIU	BZ	8202	301	EP	557		25.69	-0.42				1.0
JMIU	BN	8202	301	ES	6	6	52.22	2.05				1.0
LDR	HZ	8209	301	EP	557		30.62	4.17				1.0
NDI	HZ	8212	301	EP	557		26.94	0.30				1.0
NDI	HE	8212	301	ES	6	6	49.12	-2.06				1.0
AYAN	BZ	8215	301	EP	557		27.29	0.45				1.0
AYAN	BZ	8215	301	IAmb	557		38.28		91	1.1		
AYAN	BE	8215	301	ES	6	6	51.57	-0.00				1.0
NRLA	BE	8226	301	ES	6	6	52.53	0.03				1.0
UJWA	BZ	8239	301	EP	557		26.18	-1.87				1.0
UJWA	BE	8239	301	ES	6	6	52.89	-1.01				1.0

BHGR	BZ	8240	301	EP	557	26.37-1.71										1.0
BHGR	BN	8240	301	ES	6	6	57.00	3.05								1.0
GNR	BN	8241	301	ES	6	6	54.64	0.58								1.0
JHJR	BN	8264	301	ES	6	6	56.50	0.05								1.0
KUDL	HZ	8268	300	EP	557	28.26-1.27										1.0
KUDL	HN	8268	300	ES	6	6	53.36-3.40									1.0
KAD	BZ	8278	289	EP	557	30.28	0.19									1.0
KAD	BZ	8278	289	IAmb	557	41.42			352	2.2						
KAD	BN	8278	289	ES	6	6	57.78-0.04									1.0
SMLA	HZ	8279	303	EP	557	31.24	0.83									1.0
SMLA	HE	8279	303	ES	6	6	43.81-14.6									0.0
KKR	BN	8282	302	ES	6	6	53.70-4.53									1.0
GOA	HZ	8287	287	EP	557	31.89	1.39									1.0
RTK	BZ	8297	301	EP	557	35.10	4.03									1.0
RTK	BE	8297	301	ES	6	6	56.52-3.19									1.0
CGRH	BZ	8310	303	EP	557	33.08	1.33									1.0
CGRH	BZ	8310	303	IAmb	557	39.28			329	0.5						
CGRH	BN	8310	303	ES	6	6	59.84-1.19									1.0
POO	HZ	8334	290	EP	557	32.88-0.17										1.0
POO	HN	8334	290	ES	6	7	4.47	0.96								1.0
BHK	BZ	8360	304	EP	557	34.91	0.60									1.0
BHK	BN	8360	304	ES	6	7	5.40-0.54									1.0
ALCI	BZ	8363	307	EP	557	34.91	0.22									1.0
ALCI	BE	8363	307	ES	6	7	6.83	0.19								1.0
DHRM	HZ	8389	304	EP	557	37.15	0.59									1.0
DHRM	HE	8389	304	ES	6	7	9.62-0.52									1.0
AJM	BZ	8408	298	EP	557	37.90	1.03									1.0
AJM	BN	8408	298	ES	6	7	9.89-0.98									1.0
TSSA	BZ	8418	305	EP	557	36.56-1.43										1.0
TSSA	BZ	8418	305	IAmb	557	49.35			173	1.2						
TSSA	BE	8418	305	ES	6	7	13.61	0.69								1.0
BOM	BZ	8448	290	EP	557	41.50	2.67									1.0
BOM	BN	8448	290	ES	6	7	13.80-0.88									1.0
UDPR	BZ	8460	296	EP	557	37.93-1.54										1.0
UDPR	BN	8460	296	ES	6	7	16.66	0.75								1.0
JMU	BZ	8537	305	EP	557	41.28-2.09										1.0
JMU	BZ	8537	305	IAmb	557	52.30			109	0.7						
JMU	BN	8537	305	ES	6	7	23.53	0.09								1.0
SRGN	BZ	8558	302	EP	557	42.72-1.70										1.0
SRGN	BN	8558	302	ES	6	7	26.73	1.27								1.0
BHV	BZ	8566	293	EP	557	47.52	2.72									1.0
BHV	BN	8566	293	ES	6	7	26.96	0.76								1.0
SRIN	BZ	8572	306	EP	557	47.60	2.44									1.0
BKNR	BZ	8574	300	EP	557	45.26	0.02									1.0
BKNR	BZ	8574	300	IAmb	557	48.18			112	0.6						
BKNR	BE	8574	300	ES	6	7	26.96-0.09									1.0
JASL	BZ	8783	298	EP	557	55.69	0.03									1.0
JASL	BE	8783	298	ES	6	7	46.21-1.04									1.0
BHUJ	HZ	8845	294	EP	558	0.78	2.17									1.0
BHUJ	HN	8845	294	ES	6	7	52.76-0.24									1.0

February 7 2021 Hour: 15:38 6.3 Lat: 39.49N Lon: 74.25E D: 10.0F Ag: NCS Local
Magnitudes: 3.7ML NCS 3.9MW NCS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TSSA	BZ	758	166	EP		1539	46.07	0.07							1.0
TSSA	BE	758	166	ES		1540	58.65-0.15								1.0
TSSA	BN	758	166	IAML		1541	7.63			63	0.4				
DHRM	HZ	825	166	EP		1539	54.38	0.11							1.0
DHRM	HN	825	166	ES		1541	13.45	0.35							1.0
DHRM	HE	825	166	IAML		1541	30.38			101	0.6				
KLP	BZ	953	156	EP		1540	10.11	0.28							1.0
KLP	BN	953	156	ES		1541	40.00-0.02								1.0
KLP	BE	953	156	IAML		1541	50.79			22	0.4				
SMLA	HZ	965	163	EP		1540	10.45-0.46								1.0

SMLA HN 965 163 ES 1541 41.71-0.18 1.0

February 7 2021 Hour: 23:25 58.8 Lat: 34.35N Lon: 73.58E D: 10.0F Ag: NCS Local
Magnitudes: 3.3ML NCS 3.2MW NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	209	146	EP		2326	32.29	1.43							1.0
JMU	BN	209	146	ES		2326	54.51	0.23							1.0
JMU	BE	209	146	IAML		2326	59.48			332	0.3				
TSSA	BZ	292	125	EP		2326	40.87	-0.71							1.0
TSSA	BN	292	125	ES		2327	12.15	-0.68							1.0
TSSA	BN	292	125	IAML		2327	15.52			152	0.2				
ALCI	BZ	332	92	EP		2326	45.23	-0.83							1.0
ALCI	BE	332	92	ES		2327	21.54	0.96							1.0
DHRM	HZ	345	132	EP		2326	48.03	-0.14							1.0
DHRM	HE	345	132	ES		2327	25.39	1.17							1.0
DHRM	HN	345	132	IAML		2327	28.38			244	0.2				
DHRM	HE	345	132	IAML		2327	28.40			228	0.2				
SMLA	HZ	491	136	EP		2327	5.49	-0.06							1.0
SMLA	HN	491	136	ES		2327	52.93	-1.36							1.0
SMLA	HN	491	136	IAML		2327	56.96			54	0.2				

February 8 2021 Hour: 0:04 43.4 Lat: 5.62N Lon: 126.75E D: 63.9 Ag: NCS Regional
Magnitudes: 5.8Mb NCS 5.8MW NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SAIH	SZ	4080	301	EP		0 7	44.31	0.24							1.0
SAIH	SN	4080	301	ES		013	22.85	-0.78							1.0
IMP	SZ	4096	305	EP		0 7	45.10	-0.11							1.0
IMP	SN	4096	305	ES		013	24.76	-0.92							1.0
MOKO	SZ	4120	307	EP		0 7	47.36	-0.13							1.0
MOKO	SN	4120	307	ES		013	29.58	-0.16							1.0
KOHI	SZ	4126	306	EP		0 7	47.92	-0.04							1.0
KOHI	SN	4126	306	ES		013	29.67	-0.90							1.0
AZL	SZ	4162	302	EP		0 7	50.11	-0.14							1.0
AZL	SN	4162	302	ES		013	36.75	2.05							0.9
ITAN	SZ	4233	308	EP		0 7	56.40	0.77							1.0
ZIRO	SZ	4242	309	EP		0 7	56.16	-0.13							1.0
ZIRO	SZ	4242	309	IAmb		0 7	57.06			12	0.2				
ZIRO	SN	4242	309	ES		013	46.56	1.02							1.0
TEZP	SZ	4288	307	EP		0 7	59.56	-0.11							1.0
TEZP	SN	4288	307	ES		013	51.19	-0.43							1.0
AGT	SZ	4304	302	EP		0 8	0.87	-0.05							1.0
SHL	HZ	4310	305	EP		0 8	2.20	0.34							1.0
SHL	HN	4310	305	ES		013	56.05	0.54							1.0
BOKR	HZ	4813	299	EP		0 8	37.46	-1.13							1.0
BLSP	BZ	5127	295	EP		0 9	2.03	1.03							1.0
VLK	BZ	5132	303	EP		0 9	2.07	0.73							1.0
VJD	BZ	5167	287	EP		0 9	5.75	2.01							0.0
PTH	BZ	5556	304	EP		0 9	31.04	-0.25							1.0
LGTI	BZ	5559	304	EP		0 9	31.16	-0.54							1.0
JHNI	BZ	5572	299	EP		0 9	31.70	-0.07							1.0
AKL	BZ	5619	292	EP		0 9	35.91	0.93							1.0
BHPL	HZ	5632	295	EP		0 9	34.87	-1.00							1.0
GUNA	BZ	5676	297	EP		0 9	39.08	0.22							1.0
GUNA	BZ	5676	297	IAmb		0 9	42.22			269	1.0				
GUNA	BN	5676	297	ES		016	53.45	1.44							0.9
NRDN	BZ	5705	294	EP		0 9	41.21	0.39							1.0
LDR	HZ	5799	302	EP		0 9	46.56	-0.49							1.0
NDI	HZ	5803	302	EP		0 9	47.24	-0.08							1.0
AYAN	BZ	5804	302	EP		0 9	47.30	-0.18							1.0
NPL	BZ	5805	302	EP		0 9	47.24	-0.24							1.0
NRLA	BZ	5817	302	EP		0 9	47.48	-0.74							1.0
KUDL	HZ	5854	301	EP		0 9	50.44	-0.30							1.0

KUDL	HZ	5854	301	I Amb	0	9	53.28			119	0.8				
KUDL	HN	5854	301	ES	017		12.79-1.13								1.0
KAD	BZ	5861	287	EP	0	9	51.66 0.44								1.0
SMLA	HZ	5886	305	EP	0	9	52.29-0.88								1.0
RTK	BZ	5888	302	EP	0	9	52.71-0.31								1.0
RTK	BN	5888	302	ES	017		18.13 0.00								1.0
POO	HZ	5912	289	EP	0	9	52.29-2.36								0.8
BHK	BZ	5968	305	EP	0	9	59.33 1.09								1.0
AJM	BZ	5985	299	EP	0	9	59.28-0.19								1.0
ALCI	BZ	5999	309	EP	010		0.79 0.31								1.0
ALCI	BZ	5999	309	I Amb	010		4.32			61	0.9				
ALCI	BN	5999	309	ES	017		33.09 1.19								1.0
DHRM	HZ	6004	306	EP	010		1.30-0.06								1.0
UDPR	BZ	6032	296	EP	010		3.29 0.80								1.0
TSSA	BZ	6038	307	EP	010		3.18-0.34								1.0
TSSA	BN	6038	307	ES	017		36.01-1.46								0.9
SRGN	BZ	6151	303	EP	010		9.96-0.25								1.0
JMU	BZ	6154	306	EP	010		13.52 3.16								0.7
JASL	BZ	6360	298	EP	010		24.19 0.58								1.0
BHUJ	HZ	6415	294	EP	010		27.13 0.09								1.0

February 8 2021 Hour: 1:18 30.0 Lat: 29.38N Lon: 74.45E D: 10.3 Ag: NCS Local
Magnitudes: 3.3ML NCS 3.3MW NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRGN	BZ	81	318	EP		118	43.87-0.28								1.0
SRGN	BN	81	318	ES		118	54.34-0.15								1.0
SRGN	BN	81	318	IAML		118	55.75			3573	0.2				
AYAN	BN	279	110	IAML		119	45.82			146	0.6				
SMLA	HZ	326	53	EP		119	16.02-0.49								1.0
SMLA	HN	326	53	ES		119	50.30-0.18								1.0
SMLA	HN	326	53	IAML		119	58.13			86	0.2				
AJM	BZ	328	177	EP		119	17.92 1.29								1.0
AJM	BE	328	177	ES		119	48.88-1.81								1.0
AJM	BE	328	177	IAML		119	58.82			161	0.4				
DHRM	HZ	364	29	EP		119	21.82 0.17								1.0
DHRM	HN	364	29	ES		119	59.86 0.49								1.0
DHRM	HN	364	29	IAML		120	10.06			116	0.3				
TSSA	BZ	416	23	EP		119	27.32-0.57								1.0
TSSA	BN	416	23	ES		120	10.45 0.28								1.0
TSSA	BN	416	23	IAML		120	29.47			203	0.4				
UDPR	BZ	537	188	EP		119	42.81 0.74								1.0
UDPR	BE	537	188	ES		120	35.20 0.51								1.0
UDPR	BE	537	188	IAML		121	1.79			43	0.3				

February 8 2021 Hour: 3:33 48.3 Lat: 39.28N Lon: 70.99E D: 10.0F Ag: NCS Local
Magnitudes: 3.7ML NCS 3.8MW NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	788	134	EP		335	30.95-0.38								1.0
ALCI	BE	788	134	ES		336	45.58-0.95								1.0
ALCI	BE	788	134	IAML		336	51.65			82	0.2				
DHRM	HZ	916	147	EP		335	47.93 0.49								1.0
DHRM	HN	916	147	ES		337	14.20-0.21								1.0
DHRM	HE	916	147	IAML		337	18.22			44	0.3				
HNLY	BZ	1018	133	EP		335	59.21-0.11								1.0
HNLY	BN	1018	133	ES		337	36.11 1.16								1.0

February 8 2021 Hour: 8:19 15.4 Lat: 26.57N Lon: 93.18E D: 35.8 Ag: NCS Local
Magnitudes: 3.6ML NCS 4.0MW NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TEZP	SZ	38	278	EP		819	23.90	-0.11							1.0
TEZP	SN	38	278	ES		819	30.04	-0.24							1.0
ITAN	SZ	84	40	EP		819	30.09	0.53							1.0
ITAN	SE	84	40	ES		819	40.53	0.66							1.0
ZIRO	SZ	125	32	EP		819	33.73	-0.89							1.0
ZIRO	SE	125	32	ES		819	48.79	0.16							1.0
KOHI	SZ	132	135	EP		819	36.58	0.62							1.0
KOHI	SE	132	135	ES		819	50.06	-0.89							1.0
KOHI	SN	132	135	IAML		819	53.28			3251	0.4				
MOKO	SZ	136	101	EP		819	36.92	0.54							1.0
MOKO	SN	136	101	ES		819	49.74	-1.94							1.0
MOKO	SN	136	101	IAML		819	52.85			1910	0.4				
GUWA	SZ	154	255	EP		819	37.36	-0.78							1.0
GUWA	SN	154	255	ES		819	54.32	-0.40							1.0
GUWA	SE	154	255	IAML		819	58.26			593	0.1				
SHL	HZ	163	227	EP		819	40.32	0.61							1.0
SHL	HE	163	227	ES		819	56.99	-0.44							1.0
SHL	HE	163	227	IAML		820	0.22			1097	0.2				
IMP	SZ	207	158	EP		819	46.19	1.57							1.0
IMP	SE	207	158	ES		819	59.46	-6.48							0.0
IMP	SN	207	158	IAML		820	1.66			426	0.3				
AZL	SZ	317	189	EP		819	58.35	0.25							1.0
AZL	SN	317	189	ES		820	28.72	-0.53							1.0
AZL	SN	317	189	IAML		820	35.16			264	0.3				
SAIH	SZ	452	183	EP		820	15.46	0.86							1.0
SAIH	SN	452	183	ES		820	58.22	0.42							1.0
SAIH	SN	452	183	IAML		821	3.59			81	0.5				

February 8 2021 Hour: 13:35 42.1 Lat: 36.83N Lon: 71.75E D: 33.8 Ag: NCS Local
Magnitudes: 3.5ML NCS 3.9MW NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THN	BZ	613	141	EP		1337	1.85	0.79							1.0
THN	BN	613	141	ES		1337	57.60	-1.09							1.0
THN	BN	613	141	IAML		1338	6.63			50	0.2				
DHRM	HZ	658	139	EP		1337	7.52	0.18							1.0
DHRM	HN	658	139	ES		1338	10.19	0.64							1.0
DHRM	HE	658	139	IAML		1338	18.58			156	0.6				
SMLA	HZ	807	140	EP		1337	24.94	-0.06							1.0
SMLA	HN	807	140	ES		1338	40.22	0.12							1.0
KLP	BZ	839	132	EP		1337	28.32	-0.91							1.0
KLP	BN	839	132	ES		1338	47.74	0.33							1.0
KLP	BN	839	132	IAML		1338	51.61			26	0.5				

February 8 2021 Hour: 19:10 50.2 Lat: 37.17N Lon: 71.37E D:100.0F Ag: NCS Local
Magnitudes: 3.5ML NCS 4.1MW NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TSSA	BZ	649	136	EP		1912	14.98	0.70							1.0
TSSA	BN	649	136	ES		1913	15.97	0.30							1.0
TSSA	BN	649	136	IAML		1913	17.60			70	0.6				
THN	BZ	663	141	EP		1912	15.48	0.12							1.0
THN	BN	663	141	ES		1913	17.76	0.23							1.0
THN	BE	663	141	IAML		1913	20.43			34	0.4				
DHRM	HZ	709	139	EP		1912	21.73	0.16							1.0
DHRM	HN	709	139	ES		1913	28.88	0.60							1.0
DHRM	HE	709	139	IAML		1913	30.97			61	0.3				
DHRM	HN	709	139	IAML		1913	31.13			78	0.3				
SMLA	HZ	857	140	EP		1912	37.91	-1.08							1.0

SMLA	HN	857	140	ES	1913	57.68-0.73										1.0
SMLA	HN	857	140	IAML	1913	59.88			21	0.3						
KLP	BZ	889	133	EP	1912	43.24	0.10									1.0
KLP	BN	889	133	ES	1914	5.19-0.41										1.0
KLP	BE	889	133	IAML	1914	9.12			26	0.4						

February 8 2021 Hour: 22:39 8.6 Lat: 26.94N Lon: 93.29E D: 6.4 Ag: NCS Local
Magnitudes: 2.4ML NCS 2.4MW NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TEZP	SZ	61	234	EP		2239	19.87	0.74							1.0
TEZP	SE	61	234	ES		2239	26.25	-0.58							1.0
TEZP	SE	61	234	IAML		2239	26.86			249	0.1				
ZIRO	SZ	85	40	EP		2239	23.13	-0.32							1.0
ZIRO	SN	85	40	ES		2239	34.36	0.07							1.0
MOKO	SZ	140	119	EP		2239	33.20	0.12							1.0
MOKO	SN	140	119	ES		2239	50.92	-0.03							1.0
MOKO	SE	140	119	IAML		2239	53.12			41	0.4				

February 9 2021 Hour: 1:50 8.6 Lat: 27.97N Lon: 87.88E D: 69.5 Ag: NCS Local
Magnitudes: 4.3ML NCS 4.2MW NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JPG	BZ	178	153	EP		150	36.11	1.43							1.0
JPG	BN	178	153	ES		150	52.84	-0.89							1.0
JPG	BE	178	153	IAML		150	56.78			7584	0.4				
JMUI	BZ	375	207	EP		150	59.35	0.88							1.0
JMUI	BE	375	207	ES		151	34.84	-0.05							1.0
JMUI	BE	375	207	IAML		151	38.71			1913	0.4				
GUWA	SZ	426	117	EP		151	5.11	0.48							1.0
GUWA	SN	426	117	ES		151	45.40	-0.14							1.0
SHL	HZ	487	122	EP		151	11.77	-0.87							1.0
SHL	HE	487	122	ES		151	57.75	-1.65							1.0
SHL	HE	487	122	IAML		152	1.42			246	0.5				
BOKR	HZ	504	204	EP		151	14.99	0.76							1.0
BOKR	HN	504	204	ES		152	2.11	-0.04							1.0
BOKR	HE	504	204	IAML		152	4.10			406	0.2				
TEZP	SZ	509	106	EP		151	14.57	-0.18							1.0
TEZP	SE	509	106	ES		152	2.85	-0.21							1.0
TEZP	SE	509	106	IAML		152	6.61			263	0.2				
ZIRO	SZ	590	93	EP		151	24.89	0.21							1.0
ZIRO	SE	590	93	ES		152	20.99	0.77							1.0
ZIRO	SE	590	93	IAML		152	24.68			2734	0.6				
KOHI	SZ	667	111	EP		151	34.15	-0.37							1.0
KOHI	SE	667	111	ES		152	35.39	-1.87							1.0
KOHI	SE	667	111	IAML		152	39.59			263	0.6				
AZL	SZ	672	133	EP		151	35.98	1.33							1.0
AZL	SN	672	133	ES		152	38.58	1.09							1.0
AZL	SE	672	133	IAML		152	43.28			255	0.6				
ALBI	BZ	673	245	EP		151	34.83	0.11							1.0
ALBI	BN	673	245	ES		152	37.54	-0.06							1.0
ALBI	BN	673	245	IAML		152	41.76			551	0.3				
MOKO	SZ	682	104	EP		151	36.08	-0.26							1.0
MOKO	SN	682	104	ES		152	38.65	-1.75							1.0
MOKO	SN	682	104	IAML		152	44.21			259	0.4				
PTH	BZ	771	285	EP		151	47.62	0.29							1.0
PTH	BN	771	285	ES		152	59.91	0.49							1.0
PTH	BN	771	285	IAML		153	4.91			181	0.3				
SAIH	SZ	795	139	EP		151	51.42	1.68							1.0
SAIH	SN	795	139	ES		153	5.16	1.58							1.0
SAIH	SN	795	139	IAML		153	9.81			318	0.7				
BLSP	BZ	868	223	EP		151	58.81	0.19							1.0
BLSP	BN	868	223	ES		153	19.06	0.11							1.0
BLSP	BN	868	223	IAML		153	22.61			405	0.3				

BWNR	BZ	880	194	EP	152	0.11	0.14								1.0
BWNR	BN	880	194	ES	153	21.69	0.40								1.0
BWNR	BE	880	194	IAML	153	25.01			104	0.4					
JHNI	BZ	963	255	EP	152	9.15	-1.00								1.0
JHNI	BN	963	255	ES	153	37.24	-1.66								1.0
JHNI	BN	963	255	IAML	153	42.14			331	0.2					
UTK	BZ	966	291	EP	152	11.74	0.97								1.0
UTK	BN	966	291	ES	153	41.60	1.63								1.0
UTK	BE	966	291	IAML	153	46.27			203	0.4					
NDI	HZ	1050	277	EP	152	20.86	0.17								1.0
NDI	HN	1050	277	ES	153	55.48	-1.65								1.0
NDI	HN	1050	277	IAML	153	58.49			96	0.6					
NPL	BZ	1053	277	EP	152	21.10	-0.06								1.0
NPL	BN	1053	277	ES	153	57.85	-0.09								1.0
NPL	BE	1053	277	IAML	154	1.30			444	0.3					
AYAN	BZ	1057	276	EP	152	21.32	-0.37								1.0
AYAN	BN	1057	276	ES	153	58.45	-0.41								1.0
AYAN	BN	1057	276	IAML	154	1.57			64	0.2					
SONA	BZ	1063	274	EP	152	22.51	0.09								1.0
SONA	BN	1063	274	ES	153	58.98	-1.14								1.0
SONA	BN	1063	274	IAML	154	5.18			209	0.3					
RAGD	BZ	1066	206	EP	152	22.87	0.19								1.0
RAGD	BN	1066	206	ES	154	2.39	1.82								1.0
RAGD	BN	1066	206	IAML	154	7.18			27	0.5					
RAGD	BE	1066	206	IAML	154	7.61			35	0.6					
KNKR	BZ	1071	219	EP	152	23.27	-0.13								1.0
SMLA	HZ	1095	291	EP	152	26.69	0.16								1.0
SMLA	HE	1095	291	ES	154	7.90	0.68								1.0
SMLA	HE	1095	291	IAML	154	12.77			149	0.4					
KUDL	HZ	1120	274	EP	152	28.73	-0.59								1.0
KUDL	HN	1120	274	ES	154	11.74	-0.32								1.0
KUDL	HN	1120	274	IAML	154	15.07			74	0.2					
NGP	BZ	1169	232	EP	152	34.66	-0.59								1.0
NGP	BN	1169	232	ES	154	22.48	0.16								1.0
NGP	BE	1169	232	IAML	154	27.90			97	0.3					
BHPL	HZ	1173	246	EP	152	34.37	-1.42								1.0
BHPL	HN	1173	246	ES	154	21.66	-1.58								1.0
BHPL	HN	1173	246	IAML	154	26.56			188	0.4					
DHRM	HZ	1212	296	EP	152	40.88	-0.29								1.0
DHRM	HN	1212	296	ES	154	33.15	0.58								1.0
DHRM	HN	1212	296	IAML	154	38.91			68	0.5					
ALCI	BZ	1233	307	EP	152	44.49	1.34								1.0
ALCI	BN	1233	307	ES	154	37.05	1.07								1.0
TSSA	BZ	1249	298	EP	152	44.43	-1.15								1.0
THN	BZ	1263	296	EP	152	46.54	-0.16								1.0
THN	BN	1263	296	ES	154	43.32	1.19								1.0
THN	BE	1263	296	IAML	154	53.19			49	0.3					
AJM	BZ	1324	266	EP	152	53.98	0.02								1.0
AJM	BN	1324	266	ES	154	54.16	-0.53								1.0
AJM	BN	1324	266	IAML	154	59.41			105	0.3					
AKL	BZ	1364	236	EP	152	57.33	-1.46								1.0
AKL	BN	1364	236	ES	155	4.01	0.97								1.0

February 9 2021 Hour: 2:55 42.2 Lat: 5.39S Lon: 152.41E D: 53.0F Ag: NCS Distant
Magnitudes: 5.8Mb NCS Rms: 0.6 secs
Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IMP	SZ	7154	301	EP		3 6	11.79	-0.36							1.0
MOKO	SZ	7157	302	EP		3 6	11.37	-1.42							0.9
SAIH	SZ	7163	298	EP		3 6	13.35	0.60							1.0
SAIH	SZ	7163	298	IAMB		3 6	14.55			133	1.0				
KOHI	SZ	7172	302	EP		3 6	12.97	-0.77							1.0
AZL	SZ	7235	299	EP		3 6	17.34	0.39							1.0
AZL	SZ	7235	299	IAMB		3 6	18.44			76	1.0				

ITAN	SZ	7263	303	EP	3	6	18.56	-0.01								1.0
ITAN	SZ	7263	303	IAmb	3	6	21.02		158	0.8						
ZIRO	SZ	7266	303	EP	3	6	19.71	0.99								1.0
TEZP	SZ	7329	302	EP	3	6	22.74	0.39								1.0
TEZP	SZ	7329	302	IAmb	3	6	23.74		104	0.7						
SHL	HZ	7367	301	EP	3	6	25.67	0.61								1.0
GUWA	SZ	7418	301	EP	3	6	27.69	0.24								1.0
BOKR	HZ	7901	297	EP	3	6	54.98	0.43								1.0
JMUI	BZ	7901	299	EP	3	6	53.48	-0.97								1.0
RAGD	BZ	8027	292	EP	3	7	1.84	0.60								1.0
BLSP	BZ	8226	295	EP	3	7	11.35	-0.53								1.0
ALBI	BZ	8343	298	EP	3	7	17.18	-0.77								1.0
ALBI	BZ	8343	298	IAmb	3	7	19.15		93	0.9						
KOD	BZ	8485	282	EP	3	7	26.41	0.85								1.0
HYB	HZ	8496	289	EP	3	7	25.23	-0.63								1.0
NGP	BZ	8521	293	EP	3	7	26.89	-0.23								1.0
PTH	BZ	8609	302	EP	3	7	31.82	-0.33								1.0
UTK	BZ	8803	303	EP	3	7	41.65	0.23								1.0
UTK	BZ	8803	303	IAmb	3	7	42.74		46	0.7						
NRDN	BZ	8806	294	EP	3	7	41.08	-0.21								1.0
HNLV	BZ	8807	305	EP	3	7	43.28	1.77								0.9
SONA	BZ	8875	300	EP	3	7	44.32	-0.38								1.0
SMLA	HZ	8932	303	EP	3	7	47.61	-0.07								1.0
RTK	BZ	8955	300	EP	3	7	48.63	0.06								1.0
ALCI	BZ	9005	306	EP	3	7	50.84	-0.32								1.0
ALCI	BZ	9005	306	IAmb	3	7	52.82		97	1.1						
DHRM	HZ	9038	304	EP	3	7	52.74	-0.53								1.0
TSSA	BZ	9066	304	EP	3	7	54.66	0.16								1.0
TSSA	BZ	9066	304	IAmb	3	7	55.45		122	1.0						
AJM	BZ	9073	298	EP	3	7	54.27	0.04								1.0
THN	BZ	9089	304	EP	3	7	55.44	0.46								1.0
THN	BZ	9089	304	IAmb	3	7	56.88		112	1.0						
UDPR	BZ	9129	296	EP	3	7	56.89	0.10								1.0
BHV	BZ	9238	293	EP	3	8	1.49	-0.37								1.0
JASL	BZ	9448	298	EP	3	8	11.67	0.14								1.0
JASL	BZ	9448	298	IAmb	3	8	13.98		87	0.7						

February 9 2021 Hour: 13:56 18.1 Lat: 36.33N Lon: 70.68E D: 35.0F Ag: NCS Local
Magnitudes: 3.4ML NCS 3.6MW NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TSSA	BZ	633	126	EP		1357	39.86	-0.19							1.0
TSSA	BN	633	126	ES		1358	39.03	-0.85							1.0
TSSA	BN	633	126	IAML		1358	42.80		58	0.2					
ALCI	BN	636	110	ES		1358	39.89	0.22							1.0
ALCI	BN	636	110	IAML		1358	43.46		32	0.2					
THN	BZ	638	131	EP		1357	39.51	-0.53							1.0
THN	BN	638	131	ES		1358	41.07	1.21							1.0
THN	BE	638	131	IAML		1358	45.67		45	0.5					
DHRM	HZ	687	130	EP		1357	47.12	0.38							1.0
DHRM	HE	687	130	ES		1358	51.23	-0.22							1.0
DHRM	HN	687	130	IAML		1358	53.95		57	0.4					
SMLA	HZ	833	132	EP		1358	4.33	0.31							1.0
SMLA	HN	833	132	ES		1359	21.02	-0.33							1.0
SMLA	HN	833	132	IAML		1359	25.51		27	0.4					

February 10 2021 Hour: 12:24 18.3 Lat: 23.04S Lon: 171.42E D: 86.5 Ag: NCS Regional
Magnitudes: 6.0Mb NCS 6.2MW NCS Rms: 1.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PBA	HZ	9381	285	EP		1236	38.73	-2.30							0.0
PBA	HZ	9381	285	IAmb		1236	43.82		82	1.0					
PBA	HN	9381	285	ES		1246	55.12	-0.16							1.0
PBA	HZ	9381	285	IAMs_20		1310	4.36		39008	15.8					

DIBR	SZ	9498	302	EP	1236	46.40	0.31			1.0
DIBR	SZ	9498	302	IAmb	1236	47.17		102	0.4	
DIBR	SE	9498	302	ES	1247	2.94	0.94			1.0
DIBR	SZ	9498	302	IAMs_20	1316	2.99		22236	12.0	
SAIH	SZ	9869	295	EP	1237	2.70	0.38			1.0
SAIH	SN	9869	295	ES	1247	21.40	-1.33			1.0
SAIH	SZ	9869	295	IAMs_20	1314	17.84		33156	13.4	
MOKO	SZ	9914	299	EP	1237	5.62	1.05			1.0
MOKO	SZ	9914	299	IAMs_20	1316	50.11		37633	10.8	
KOHI	SZ	9921	298	EP	1237	4.51	-0.44			1.0
KOHI	SZ	9921	298	IAMs_20	1315	52.77		40492	15.0	
AZL	SZ	9956	296	IAmb	1237	25.30		49	1.4	
AZL	SN	9956	296	ES	1247	29.10	1.78			1.0
AZL	SZ	9956	296	IAMs_20	1315	6.70		29290	13.8	
JORH	SZ	9958	299	EP	1237	6.24	0.29			1.0
JORH	SZ	9958	299	IAmb	1237	6.73		273	0.4	
JORH	SN	9958	299	ES	1247	27.90	0.52			1.0
JORH	SZ	9958	299	IAMs_20	1316	25.36		22187	14.5	
SILR	SZ	9995	297	EP	1237	7.28	-0.21			1.0
SILR	SZ	9995	297	IAmb	1237	10.05		94	0.3	
SILR	SN	9995	297	ES	1247	28.77	-0.52			1.0
SILR	SZ	9995	297	IAMs_20	1312	27.31		19214	24.8	
ITAN	SZ10025	299	EP	1237	7.98	-0.82				1.0
ITAN	SZ10025	299	IAmb	1237	10.53			36	0.4	
ITAN	SE10025	299	ES	1247	31.04	0.04				1.0
ITAN	SZ10025	299	IAMs_20	1316	8.14			23532	14.3	
ZIRO	SZ10032	300	EP	1237	9.18	0.12				1.0
ZIRO	SN10032	300	ES	1247	27.96	-3.36				1.0
ZIRO	SZ10032	300	IAMs_20	1317	58.31			30855	16.6	
TEZP	SZ10082	299	EP	1237	11.59	0.45				1.0
TEZP	SN10082	299	ES	1247	36.63	2.72				1.0
TEZP	SZ10082	299	IAMs_20	1313	50.67			15291	16.8	
SHL	HZ10106	297	EP	1237	12.67	0.01				1.0
SHL	HZ10106	297	IAmb	1237	34.96			45	1.1	
SHL	HN10106	297	ES	1247	35.72	-0.31				1.0
GUWA	SZ10162	298	EP	1237	14.36	-0.12				1.0
GUWA	SZ10162	298	IAmb	1237	18.84			9	0.3	
GUWA	SN10162	298	ES	1247	37.43	-0.61				1.0
GUWA	SZ10162	298	IAMs_20	1316	47.07			8695	11.3	
CAL	BZ10306	293	EP	1237	21.89	1.41				1.0
CAL	BN10306	293	ES	1247	45.78	0.45				1.0
CAL	BZ10306	293	IAMs_20	13	7	55.60		33052	9.9	
COBR	BZ10370	297	EP	1237	23.34	0.28				1.0
COBR	BZ10370	297	IAMs_20	1313	26.17			8630	17.3	
BWNR	BZ10445	290	EP	1237	25.89	-0.35				1.0
JPG	BZ10450	297	EP	1237	25.96	-0.39				1.0
JPG	BZ10450	297	IAmb	1237	29.42			118	0.3	
JPG	BE10450	297	ES	1247	53.23	0.75				1.0
JPG	BZ10450	297	IAMs_20	1316	55.12			5233	26.8	
BOKR	HZ10591	294	EP	1237	32.63	0.37				1.0
BOKR	HZ10591	294	IAmb	1237	32.94			6	0.3	
BOKR	HN10591	294	ES	1247	58.76	-0.72				1.0
BOKR	HZ10591	294	IAMs_20	1316	21.20			10795	15.6	
JMUI	BZ10608	295	EP	1237	33.11	0.26				1.0
RAGD	BZ10631	288	EP	1237	34.04	0.19				1.0
RAGD	BN10631	288	ES	1248	0.89	-0.34				1.0
RAGD	BZ10631	288	IAMs_20	1312	55.30			15994	15.4	
MDRS	HZ10693	281	EP	1237	36.73	0.27				1.0
MDRS	HZ10693	281	IAmb	1237	39.72			6	0.4	
MDRS	HN10693	281	ES	1248	3.75	-0.44				1.0
MDRS	HZ10693	281	IAMs_20	13	9	45.36		30084	20.8	
GAYA	BZ10696	294	EP	1237	36.96	0.55				1.0
GAYA	BN10696	294	ES	1248	5.03	0.72				1.0
VJD	BZ10793	285	EP	1237	40.27	-0.18				1.0

VJD	BZ10793	285	IAmb	1237	41.50	7	0.3	
VJD	BZ10793	285	IAMs_20	1315	19.94	17048	15.9	
TRVM	HZ10833	276	EP	1237	40.86-1.27			1.0
TRVM	HN10833	276	ES	1248	10.38-0.32			1.0
SALM	BZ10842	279	EP	1237	42.94 0.39			1.0
SALM	BE10842	279	ES	1248	10.92-0.34			1.0
SALM	BZ10842	279	IAMs_20	1311	44.90	29942	14.3	
KOD	BZ10853	278	EP	1237	42.60-0.65			1.0
KOD	BN10853	278	ES	1248	12.74 0.55			1.0
KOD	BZ10853	278	IAMs_20	1311	41.99	37847	13.2	
BLSP	BZ10873	291	EP	1237	43.90 0.27			1.0
BLSP	BZ10873	291	IAmb	1238	2.39	37	1.1	
BLSP	BE10873	291	ES	1248	12.70 0.06			1.0
BLSP	BZ10873	291	IAMs_20	1318	16.72	14397	18.8	
VAR	BZ10924	294	EP	1237	45.07-0.27			1.0
VAR	BZ10924	294	IAmb	1237	49.00	248	0.6	
VAR	BN10924	294	ES	1248	16.43 1.51			1.0
VAR	BZ10924	294	IAMs_20	1317	37.31	11400	17.5	
VLK	BZ10926	296	EP	1237	47.03 1.57			0.0
VLK	BN10926	296	ES	1248	12.70-2.38			1.0
VLK	BZ10926	296	IAMs_20	1316	6.60	9815	12.0	
GKPR	BZ10943	295	EP	1237	47.07 0.99			1.0
GKPR	BZ10943	295	IAmb	1237	49.39	191	0.3	
GKPR	BN10943	295	ES	1248	15.24-0.53			1.0
HYB	HZ11037	285	IAMs_20	1312	27.86	16063	13.6	
ALBI	BZ11037	294	IAmb	1237	53.16	9	0.6	
ALBI	BN11037	294	ES	1248	19.69-0.32			1.0
HYB	HZ11037	285	EP	1237	49.08-0.84			1.0
ALBI	BZ11037	294	EP	1237	50.52 0.68			1.0
NGP	BZ11137	289	EP	1237	54.86 1.00			1.0
NGP	BZ11137	289	IAmb	1237	56.32	5	0.3	
NGP	BZ11137	289	IAMs_20	1319	6.67	15786	14.5	
LKN	BZ11180	295	EP	1237	57.39 1.83			1.0
LKN	BZ11180	295	IAmb	1238	5.29	436	0.3	
LKN	BZ11180	295	IAMs_20	1321	18.07	12693	14.4	
LATR	BZ11277	285	EP	1238	0.25 0.79			1.0
LATR	BZ11277	285	IAmb	1238	1.46	4	0.6	
LATR	BE11277	285	ES	1248	32.05 1.41			1.0
LATR	BZ11277	285	IAMs_20	1312	37.39	18080	22.1	
AKL	BZ11317	288	EP	1238	1.72 0.69			1.0
AKL	BZ11317	288	IAmb	1238	3.00	4	0.3	
AKL	BN11317	288	ES	1248	31.91-0.39			1.0
JHNI	BZ11344	293	EP	1238	2.31 0.24			1.0
JHNI	BZ11344	293	IAmb	1238	4.67	3	0.4	
JHNI	BN11344	293	ES	1248	33.62 0.22			1.0
PTH	BZ11351	297	EP	1238	2.43-0.56			1.0
PTH	BZ11351	297	IAmb	1238	4.05	3	0.6	
PTH	BN11351	297	ES	1248	34.58-0.23			1.0
PTH	BZ11351	297	IAMs_20	1320	40.33	11504	23.9	
BHPL	HZ11374	290	EP	1238	3.97 0.67			1.0
BHPL	HZ11374	290	IAMs_20	1315	5.72	14106	11.7	
GOA	HZ11433	282	EP	1238	6.90 1.30			1.0
GOA	HZ11433	282	IAmb	1238	10.04	25	0.3	
GOA	HN11433	282	ES	1248	36.89-0.25			1.0
GOA	HZ11433	282	IAMs_20	1315	28.88	22781	14.9	
TKRD	BZ11458	296	EP	1238	6.33-0.37			1.0
TKRD	BZ11458	296	IAmb	1238	9.13	147	0.4	
TKRD	BZ11458	296	IAMs_20	1318	16.74	9438	26.6	
KAD	BZ11467	283	EP	1238	6.26-0.73			1.0
KAD	BZ11467	283	IAmb	1238	8.45	5	0.3	
KAD	BN11467	283	ES	1248	37.49-1.13			1.0
KAD	BN11467	283	IAMs_20	1311	21.96	18667	15.9	
UNCH	BZ11499	295	EP	1238	8.27-0.03			1.0
UNCH	BZ11499	295	IAmb	1238	11.13	363	0.3	

UNCH	BE11499	295	ES	1248	38.97-1.05			1.0
UNCH	BZ11499	295	IAMs_20	1317	44.64	10960	19.6	
POO	HZ11547	284	EP	1238	10.41 0.17			1.0
POO	HZ11547	284	IAmb	1238	15.24	13	0.5	
POO	HN11547	284	ES	1248	41.97-0.09			1.0
POO	HZ11547	284	IAMs_20	1313	38.30	18007	17.5	
UTK	BZ11553	298	EP	1238	9.22-1.45			1.0
UTK	BZ11553	298	IAmb	1238	11.73	8	0.3	
UTK	BZ11553	298	IAMs_20	1319	6.68	9973	18.4	
MERT	BZ11555	296	EP	1238	9.76-0.76			1.0
MERT	BZ11555	296	IAmb	1238	11.45	194	0.4	
MERT	BN11555	296	ES	1248	44.44 2.15			1.0
MERT	BZ11555	296	IAMs_20	1321	12.34	14410	14.6	
BISR	BZ11568	295	EP	1238	11.13 0.05			1.0
BISR	BZ11568	295	IAmb	1238	16.38	279	0.4	
BISR	BN11568	295	ES	1248	43.20 0.29			1.0
LDR	HZ11589	295	EP	1238	12.40 0.54			1.0
LDR	HZ11589	295	IAmb	1238	17.63	125	0.6	
LDR	HZ11589	295	IAMs_20	1320	21.81	13846	18.2	
SONA	BZ11592	295	EP	1238	12.74 0.75			1.0
SONA	BZ11592	295	IAmb	1238	13.17	11	0.3	
SONA	BN11592	295	ES	1248	41.43-2.39			1.0
SONA	BZ11592	295	IAMs_20	1316	55.50	8911	13.9	
NDI	HZ11594	295	EP	1238	12.46 0.42			1.0
NDI	HZ11594	295	IAmb	1238	16.96	8	0.8	
NDI	HN11594	295	ES	1248	45.10 1.24			1.0
NDI	HZ11594	295	IAMs_20	1320	25.80	12730	17.4	
NPL	BZ11596	295	EP	1238	12.08-0.05			1.0
KLP	BZ11598	298	EP	1238	13.20 0.33			1.0
KLP	BZ11598	298	IAmb	1238	14.43	4	0.5	
KLP	BE11598	298	ES	1248	45.74 0.58			1.0
KLP	BN11598	298	IAMs_20	1315	15.70	6750	18.4	
NRLA	BZ11608	295	EP	1238	11.26-1.33			1.0
NRLA	BZ11608	295	IAMs_20	1320	27.64	13854	17.9	
KUDL	HZ11642	295	EP	1238	14.24 0.29			1.0
KUDL	HZ11642	295	IAmb	1238	16.37	4	0.4	
KUDL	HN11642	295	ES	1248	45.58-0.23			1.0
KUDL	HZ11642	295	IAMs_20	1317	57.97	11594	15.3	
JHJR	BZ11644	295	EP	1238	14.52 0.47			1.0
BOM	BZ11663	284	EP	1238	13.11-1.69			1.0
BOM	BZ11663	284	IAmb	1238	20.02	25	0.7	
BOM	BN11663	284	ES	1248	46.66-0.00			1.0
BOM	BN11663	284	IAMs_20	1313	42.85	18647	20.7	
KKR	BZ11674	296	EP	1238	14.22-1.08			1.0
KKR	BZ11674	296	IAmb	1238	17.45	529	0.3	
KKR	BE11674	296	ES	1248	45.55-1.66			1.0
KKR	BN11674	296	IAMs_20	1315	46.96	9468	10.2	
RTK	BZ11679	295	EP	1238	13.63-1.87			1.0
RTK	BZ11679	295	IAmb	1238	16.08	291	0.4	
RTK	BN11679	295	ES	1248	47.84 0.43			1.0
SMLA	HZ11682	298	EP	1238	16.39 0.54			1.0
SMLA	HZ11682	298	IAmb	1238	17.75	8	0.2	
SMLA	HE11682	298	ES	1248	47.44-0.51			1.0
SMLA	HZ11682	298	IAMs_20	1319	33.09	11205	23.2	
TLR	HZ11699	286	EP	1238	15.01-1.21			1.0
AJM	BZ11756	292	EP	1238	18.98 0.39			1.0
AJM	BZ11756	292	IAmb	1238	20.15	7	0.6	
AJM	BE11756	292	ES	1248	51.53 0.98			1.0
BHK	BZ11763	298	EP	1238	18.79-0.02			1.0
BHK	BZ11763	298	IAmb	1238	19.14	13	0.4	
BHK	BE11763	298	ES	1248	50.62-0.10			1.0
UDPR	BZ11780	290	EP	1238	19.84 0.37			1.0
UDPR	BZ11780	290	IAmb	1238	22.87	10	0.7	
UDPR	BE11780	290	ES	1248	51.14-0.24			1.0

UDPR	BZ11780	290	IAMs_20	1318	53.30		12651	13.1	
DHRM	HZ11798	299	EP	1238	22.10	1.14			1.0
DHRM	HN11798	299	ES	1248	52.89	-0.54			1.0
DHRM	HZ11798	299	IAMs_20	1317	46.23		8906	18.9	
BHV	BZ11832	287	EP	1238	21.80	0.25			1.0
BHV	BE11832	287	ES	1248	55.38	1.93			1.0
TSSA	BZ11832	299	EP	1238	21.25	-0.94			1.0
TSSA	BZ11832	299	IAmb	1238	21.81		10	0.3	
TSSA	BZ11832	299	IAMs_20	1321	23.68		10068	15.9	
BHV	BZ11832	287	IAmb	1238	23.21		5	0.6	
THN	BZ11850	299	EP	1238	20.44	-1.87			1.0
THN	BZ11850	299	IAmb	1238	24.58		7	0.3	
THN	BN11850	299	ES	1248	51.10	-3.15			1.0
THN	BZ11850	299	IAMs_20	1319	41.56		11028	11.8	
SRGN	BZ11943	296	EP	1238	25.91	-0.09			1.0
SRGN	BN11943	296	ES	1249	0.42	2.58			1.0
SRGN	BZ11943	296	IAMs_20	1320	39.40		10982	23.1	
SRIN	BZ11990	300	EP	1238	26.51	-1.39			1.0
SRIN	BZ11990	300	IAmb	1238	29.31		387	0.3	
SRIN	BN11990	300	ES	1249	1.51	1.81			1.0
SRIN	BZ11990	300	IAMs_20	1321	48.78		15329	23.5	
BHUJ	HZ12128	288	EP	1238	33.80	0.46			1.0

February 10 2021 Hour: 12:52 40.6 Lat: 5.91S Lon: 101.72E D:140.7 Ag: NCS Regional
Magnitudes: 6.0Mb NCS 6.3MW NCS Rms: 0.8 secs
Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PWAL	BZ			EP		13 0	7.82								
PBA	HZ	2182	333	EP		1256	58.09	0.01							0.0
PBA	HZ	2182	333	IAmb		1257	10.80			295	1.0				
MDRS	HZ	3169	311	EP		1258	22.93	0.31							1.0
MDRS	HN	3169	311	ES		13 3	1.61	0.85							1.0
MDRS	HZ	3169	311	IAMs_20		13 9	45.26			26368	16.4				
TRVM	HZ	3177	300	EP		1258	24.03	0.75							1.0
TRVM	HN	3177	300	ES		13 3	2.58	0.65							1.0
TRVM	HZ	3177	300	IAMs_20		1313	2.09			41247	15.0				
KOD	BZ	3227	303	EP		1258	28.64	1.04							1.0
KOD	BN	3227	303	ES		13 3	9.23	-0.33							1.0
SALM	BZ	3253	307	EP		1258	30.41	1.03							1.0
SALM	BZ	3253	307	IAmb		1258	35.80			247	1.5				
SALM	BN	3253	307	ES		13 3	12.94	0.21							1.0
BWNR	BZ	3377	329	EP		1258	38.73	-0.38							1.0
BWNR	BZ	3377	329	IAmb		1258	43.54			818	2.1				
BWNR	BE	3377	329	ES		13 3	29.98	-0.01							1.0
BWNR	BZ	3377	329	IAMs_20		1317	45.27			23691	17.9				
VJD	BZ	3396	317	EP		1258	40.59	-0.09							1.0
AZL	SZ	3423	344	EP		1258	43.67	0.79							1.0
AZL	SN	3423	344	ES		13 3	36.73	0.06							1.0
RAGD	BZ	3428	325	EP		1258	43.61	0.43							1.0
RAGD	BN	3428	325	ES		13 3	36.74	-0.46							1.0
AGT	SZ	3487	341	EP		1258	48.67	0.83							1.0
AGT	SN	3487	341	ES		13 3	45.21	-0.28							1.0
IMP	SZ	3504	346	EP		1258	49.62	0.46							1.0
IMP	SE	3504	346	ES		13 3	47.78	-0.05							1.0
SILR	SZ	3530	344	EP		1258	52.07	0.84							1.0
SILR	SN	3530	344	ES		13 3	51.46	-0.03							1.0
KOHI	SZ	3595	347	EP		1258	57.35	0.51							1.0
KOHI	SZ	3595	347	IAmb		1258	59.06			426	1.5				
KOHI	SN	3595	347	ES		13 4	0.62	-0.83							1.0
MNGI	BZ	3625	305	EP		1259	0.58	1.91							0.9
HYB	HZ	3626	316	EP		1258	57.63	-1.17							1.0
HYB	HN	3626	316	ES		13 4	4.34	-0.61							1.0
HYB	HZ	3626	316	IAmb		1312	26.59			16625	20.0				
SHL	HZ	3638	344	EP		1259	0.69	0.50							1.0

SHL	HN	3638	344	ES	13	4	6.78-0.63			1.0
SHL	HZ	3638	344	IAMs_20	1316	29.56		19332	14.7	
MOKO	SZ	3650	348	EP	1259	1.86	0.78			1.0
MOKO	SZ	3650	348	IAmb	1259	3.60		421	1.1	
MOKO	SN	3650	348	ES	13	4	7.98-1.01			1.0
JORH	SZ	3702	348	EP	1259	4.82	0.20			1.0
BOKR	HZ	3709	333	EP	1259	4.52-0.76				1.0
BOKR	HZ	3709	333	IAmb	1259	10.36		365	1.3	
BOKR	HN	3709	333	ES	13	4	17.16	0.66		1.0
BOKR	HZ	3709	333	IAMs_20	1320	37.58		13168	16.3	
GUWA	SZ	3713	343	EP	1259	2.57-2.97				0.7
GUWA	SN	3713	343	ES	13	4	16.88-0.09			1.0
TEZP	SZ	3726	345	EP	1259	6.73	0.25			1.0
TEZP	SE	3726	345	ES	13	4	18.42-0.22			1.0
ITAN	SZ	3757	347	EP	1259	9.83	0.80			1.0
ITAN	SZ	3757	347	IAmb	1259	12.17		456	1.0	
ITAN	SN	3757	347	ES	13	4	23.16-0.02			1.0
BLSP	BZ	3760	326	EP	1259	8.62-0.61				1.0
BLSP	BZ	3760	326	IAmb	1259	13.44		180	1.2	
BLSP	BN	3760	326	ES	13	4	23.55	0.02		1.0
SHBG	BZ	3768	337	EP	1259	10.37	0.60			1.0
SHBG	BZ	3768	337	IAmb	1259	14.83		508	1.6	
SHBG	BN	3768	337	ES	13	4	25.37	0.87		1.0
ZIRO	SZ	3795	347	EP	1259	12.29	0.36			1.0
ZIRO	SN	3795	347	ES	13	4	28.00-0.36			1.0
COBR	BZ	3801	340	EP	1259	11.76-0.57				1.0
JMUI	BZ	3802	334	EP	1259	12.52	0.08			1.0
JMUI	BN	3802	334	ES	13	4	29.53	0.27		1.0
JPG	BZ	3855	339	EP	1259	14.13-2.41				0.8
JPG	BN	3855	339	ES	13	4	36.71	0.13		1.0
LATR	BZ	3858	315	EP	1259	16.52-0.29				1.0
LATR	BZ	3858	315	IAmb	1259	21.24		506	2.1	
LATR	BN	3858	315	ES	13	4	37.21	0.14		1.0
GOA	HZ	3881	308	EP	1259	19.23	0.74			1.0
GOA	HN	3881	308	ES	13	4	40.04-0.03			1.0
GOA	HZ	3881	308	IAMs_20	1315	28.64		22869	18.5	
NGP	BZ	3887	321	EP	1259	18.20-0.77				1.0
NGP	BN	3887	321	ES	13	4	40.81-0.12			1.0
KAD	BZ	3971	311	EP	1259	25.53	0.14			1.0
KAD	BN	3971	311	ES	13	4	51.16-1.24			1.0
KAD	BZ	3971	311	IAMs_20	1318	0.42		21666	15.9	
AKL	BZ	3995	318	EP	1259	27.51	0.23			1.0
AKL	BN	3995	318	ES	13	4	54.95-0.85			1.0
AKL	BZ	3995	318	IAMs_20	1315	4.38		15069	13.8	
VAR	BZ	4001	330	EP	1259	25.72-2.00				0.9
VAR	BZ	4001	330	IAmb	1259	27.07		451	0.4	
VAR	BN	4001	330	ES	13	4	57.34	0.77		1.0
ALBI	BZ	4071	329	EP	1259	32.68-0.39				1.0
ALBI	BN	4071	329	ES	13	5	5.97-0.18			1.0
ALBI	BZ	4071	329	IAMs_20	1322	33.55		16630	11.2	
POO	HZ	4082	312	EP	1259	33.82-0.17				1.0
POO	HN	4082	312	ES	13	5	7.06-0.74			1.0
POO	HZ	4082	312	IAMs_20	1320	1.90		18479	19.0	
GKPR	BZ	4116	332	EP	1259	36.75	0.32			1.0
GKPR	BN	4116	332	ES	13	5	11.96-0.23			1.0
GKPR	BZ	4116	332	IAMs_20	1325	4.59		18915	10.6	
NRDN	BZ	4158	319	EP	1259	39.16-0.50				1.0
VLK	BZ	4158	333	EP	1259	40.64	0.96			1.0
VLK	BZ	4158	333	IAmb	1259	45.07		954	1.5	
VLK	BE	4158	333	ES	13	5	19.69	1.68		0.9
BHPL	HZ	4169	322	EP	1259	39.15-1.37				0.9
BHPL	HN	4169	322	ES	13	5	20.77	1.25		0.9
BOM	BZ	4193	312	EP	1259	42.38	0.09			1.0
BOM	BZ	4193	312	IAmb	1259	47.86		192	1.4	

BOM	BN	4193	312	ES	13	5	21.23-1.48			0.9
LKN	BZ	4256	329	EP	1259		47.55 0.48			1.0
JHNI	BZ	4277	325	EP	1259		47.37-1.22			1.0
JHNI	BN	4277	325	ES	13	5	33.35-0.68			1.0
GUNA	BZ	4292	323	EP	1259		48.60-1.18			1.0
GUNA	BZ	4292	323	IAmb	1259		53.71	262	1.4	
GUNA	BN	4292	323	ES	13	5	35.61-0.54			1.0
GUNA	BZ	4292	323	IAMs_20	1317		31.78	18299	15.0	
BHV	BZ	4447	314	EP	13	0	1.91 0.66			1.0
BHV	BZ	4447	314	IAmb	13	0	7.05	212	1.4	
BHV	BN	4447	314	ES	13	5	56.44-0.39			1.0
BHV	BZ	4447	314	IAMs_20	1315		38.72	16493	13.8	
UDPR	BZ	4539	319	EP	13	0	9.00 0.95			1.0
PTH	BZ	4553	331	EP	13	0	9.57-0.14			1.0
UNCH	BZ	4569	328	EP	13	0	11.23 0.86			1.0
UNCH	BN	4569	328	ES	13	6	14.67 1.37			0.9
TKRD	BZ	4588	329	EP	13	0	11.87 0.15			1.0
TKRD	BZ	4588	329	IAmb	13	0	15.82	582	1.1	
TKRD	BN	4588	329	ES	13	6	15.39-0.35			1.0
SONA	BZ	4615	326	EP	13	0	13.78 0.13			1.0
SONA	BN	4615	326	ES	13	6	20.57 1.34			0.9
ASOR	BZ	4616	327	EP	13	0	13.84 0.03			1.0
AJM	BZ	4620	322	EP	13	0	13.54-0.55			1.0
AJM	BZ	4620	322	IAmb	13	0	18.75	238	1.4	
AJM	BN	4620	322	ES	13	6	19.60-0.43			1.0
AJM	BZ	4620	322	IAMs_20	1322		52.57	17773	13.8	
BISR	BZ	4620	327	EP	13	0	14.71 0.64			1.0
BISR	BN	4620	327	ES	13	6	19.02-0.97			1.0
JMIU	BZ	4629	327	EP	13	0	15.09 0.43			1.0
JMIU	BN	4629	327	ES	13	6	21.57 0.52			1.0
AYAN	BZ	4631	327	EP	13	0	13.84-1.06			1.0
AYAN	BZ	4631	327	IAmb	13	0	19.62	771	1.9	
AYAN	BN	4631	327	ES	13	6	20.81-0.69			1.0
LDR	HZ	4635	327	EP	13	0	15.01-0.09			1.0
LDR	HN	4635	327	ES	13	6	21.72-0.13			1.0
MERT	BZ	4637	328	EP	13	0	16.15 0.84			1.0
MERT	BZ	4637	328	IAmb	13	0	19.45	322	0.8	
MERT	BN	4637	328	ES	13	6	24.34 2.11			0.9
KUDL	HZ	4641	326	EP	13	0	16.15 0.58			1.0
KUDL	HZ	4641	326	IAmb	13	0	19.38	252	1.4	
KUDL	HN	4641	326	ES	13	6	21.91-0.81			1.0
NPL	BZ	4642	327	EP	13	0	14.17-1.47			0.9
NDI	HZ	4644	327	EP	13	0	14.17-1.59			0.9
NDI	HZ	4644	327	IAmb	13	0	19.39	398	1.6	
NDI	HE	4644	327	ES	13	6	23.58 0.53			1.0
UJWA	BZ	4652	326	EP	13	0	14.93-1.50			0.9
UJWA	BN	4652	326	ES	13	6	24.28 0.01			1.0
NRLA	BZ	4659	327	EP	13	0	17.30 0.42			1.0
BHGR	BZ	4662	326	EP	13	0	17.49 0.41			1.0
BHGR	BN	4662	326	ES	13	6	25.82 0.37			1.0
JHJR	BZ	4672	326	EP	13	0	18.40 0.58			1.0
JHJR	BZ	4672	326	IAmb	13	0	21.80	261	0.7	
JHJR	BN	4672	326	ES	13	6	26.18-0.61			1.0
GNR	BZ	4694	327	EP	13	0	20.11 0.69			1.0
GNR	BZ	4694	327	IAmb	13	0	29.53	321	0.9	
GNR	BN	4694	327	ES	13	6	30.16 0.47			1.0
UTK	BZ	4753	330	EP	13	0	24.61 0.61			1.0
KKR	BZ	4778	328	EP	13	0	26.45 0.86			1.0
KKR	BZ	4778	328	IAmb	13	0	29.98	447	0.5	
KKR	BN	4778	328	ES	13	6	42.22 1.36			0.9
KLP	BZ	4838	330	EP	13	0	30.74 0.29			1.0
KLP	BN	4838	330	ES	13	6	49.95 0.31			1.0
BKNR	BZ	4841	322	EP	13	0	28.77-1.28			0.9
BKNR	BN	4841	322	ES	13	6	48.36-0.60			1.0

SMLA	HZ	4861	329	EP	13	0	30.48-1.27										0.9
SMLA	HZ	4861	329	IAmb	13	0	37.28		203	0.9							
SMLA	HE	4861	329	ES	13	6	51.62-0.41										1.0
SMLA	HZ	4861	329	IAMs_20	1326		25.75		13919	13.8							
JASL	BZ	4922	319	EP	13	0	35.78-0.10										1.0
JASL	BN	4922	319	ES	13	6	59.10-0.46										1.0
JASL	BZ	4922	319	IAMs_20	1320		39.74		12419	17.6							
BHK	BZ	4930	328	EP	13	0	36.82 0.38										1.0
BHK	BZ	4930	328	IAmb	13	0	43.15		288	1.3							
BHK	BN	4930	328	ES	13	7	0.50-0.07										1.0
BHK	BZ	4930	328	IAMs_20	1327		31.11		14797	15.4							
SRGN	BZ	4956	325	EP	13	0	38.32-0.01										1.0
DHRM	HZ	5009	329	EP	13	0	40.85-2.01										0.9
DHRM	HN	5009	329	ES	13	7	13.09 0.90										1.0
DHRM	HZ	5009	329	IAMs_20	1328		2.51		19226	9.8							
THN	BZ	5055	329	EP	13	0	45.64 0.25										1.0
THN	BZ	5055	329	IAmb	13	0	49.78		665	1.5							
THN	BN	5055	329	ES	13	7	16.78-0.10										1.0
TSSA	BZ	5071	329	EP	13	0	47.87 0.79										1.0
TSSA	BN	5071	329	ES	13	7	20.11 0.22										1.0
ALCI	BZ	5138	331	EP	13	0	51.14-0.24										1.0
ALCI	BN	5138	331	ES	13	7	27.31-0.47										1.0
ALCI	BZ	5138	331	IAMs_20	1330		19.31		11732	14.4							
JMU	BZ	5141	328	EP	13	0	51.42 0.03										1.0
JMU	BZ	5141	328	IAmb	13	0	55.76		382	1.2							
JMU	BN	5141	328	ES	13	7	28.08 0.26										1.0
SRIN	BZ	5254	329	EP	13	0	57.24-2.06										0.9
SRIN	BZ	5254	329	IAmb	13	0	59.82		345	0.4							
SRIN	BN	5254	329	ES	13	7	43.61 1.34										0.9

February 10 2021 Hour: 13:20 2.5 Lat: 23.12S Lon: 171.26E D: 4.2 Ag: NCS Regional
Magnitudes: 7.4Ms NCS 7.5MW NCS Rms: 0.8 secs
Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PBA	HZ	9367	285	EP		1332	36.24	0.86							1.0
PBA	HE	9367	285	ES		1342	57.24-1.02								1.0
PBA	HZ	9367	285	IAMs_20		1414	36.49		212000	24.2					
SAIH	SZ	9856	295	EP		1332	57.51	0.60							1.0
SAIH	SE	9856	295	ES		1343	25.70-0.29								1.0
IMP	SZ	9881	298	EP		1332	57.10-0.76								1.0
IMP	SN	9881	298	ES		1343	27.14-0.08								1.0
MOKO	SZ	9903	299	EP		1332	59.52	0.31							1.0
MOKO	SE	9903	299	ES		1343	31.08	1.91							0.9
AZL	SZ	9943	296	EP		1333	0.47-0.06								1.0
AZL	SN	9943	296	ES		1343	29.80-0.82								1.0
JORH	SZ	9947	299	EP		1332	59.58-1.01								1.0
JORH	SE	9947	299	ES		1343	30.69-0.03								1.0
SILR	SZ	9983	297	EP		1333	0.92-1.19								1.0
SILR	SE	9983	297	ES		1343	33.63	1.02							1.0
ITAN	SZ10014	300	EP			1333	3.15-0.30								1.0
ITAN	SE10014	300	ES			1343	34.22-0.15								1.0
ZIRO	SZ10021	300	EP			1333	3.82	0.11							1.0
ZIRO	SE10021	300	ES			1343	34.20-0.49								1.0
TEZP	SZ10071	299	EP			1333	6.10	0.31							1.0
TEZP	SE10071	299	ES			1343	36.56-0.71								1.0
AGT	SZ10084	296	EP			1333	6.03-0.31								1.0
AGT	SE10084	296	ES			1343	37.34-0.57								1.0
AGT	SZ10084	296	IAMs_20			1414	24.40		103000	20.3					
SHL	HZ10094	297	EP			1333	7.63	0.34							1.0
SHL	HN10094	297	ES			1343	39.11-0.27								1.0
GUWA	SZ10151	298	EP			1333	8.51-0.61								1.0
GUWA	SN10151	298	ES			1343	42.40	0.98							1.0
CAL	BZ10293	293	EP			1333	15.25	0.16							1.0
CAL	BE10293	293	ES			1343	48.73	0.05							1.0

COBR	BZ10358	297	EP	1333	16.18-1.52		0.9
COBR	BE10358	297	ES	1343	50.85-1.08		1.0
BWNR	BZ10432	290	EP	1333	17.41-3.41		0.0
BWNR	BE10432	290	ES	1343	55.09-0.49		1.0
JPG	BZ10438	297	EP	1333	20.52-0.49		1.0
JPG	BE10438	297	ES	1343	55.63-0.28		1.0
SHBG	BZ10478	296	EP	1333	22.66-0.02		1.0
SHBG	BE10478	296	ES	1343	58.90 1.01		1.0
BOKR	HZ10579	294	EP	1333	27.61 0.72		1.0
BOKR	HE10579	294	ES	1344	3.30 0.40		1.0
RAGD	BZ10617	288	EP	1333	28.70 0.27		1.0
MDRS	HZ10678	282	EP	1333	31.83 0.84		1.0
MDRS	HE10678	282	ES	1344	7.45-0.05		1.0
MDRS	HZ10678	282	IAMs_20	1413	43.61	209000 27.4	
VJD	BZ10778	285	EP	1333	34.77-0.24		1.0
VJD	BE10778	285	ES	1344	10.85-1.38		0.9
TRVM	HZ10816	276	EP	1333	37.51 0.88		1.0
TRVM	HE10816	276	ES	1344	13.15-0.86		1.0
TRVM	HZ10816	276	IAMs_20	1416	53.51	153000 22.4	
SALM	BZ10826	280	EP	1333	36.97-0.10		1.0
KOD	BZ10837	278	EP	1333	37.70-0.06		1.0
KOD	BE10837	278	ES	1344	16.49 0.97		1.0
KOD	BZ10837	278	IAMs_20	1415	35.23	149000 21.7	
BLSP	BZ10859	291	EP	1333	35.91-2.35		0.8
BLSP	BE10859	291	ES	1344	19.08 2.99		0.7
VAR	BZ10912	294	EP	1333	39.67-0.60		1.0
VAR	BE10912	294	ES	1344	20.12 1.70		0.9
VLK	BZ10914	296	EP	1333	40.90 0.52		1.0
VLK	BE10914	296	ES	1344	20.12 1.52		0.9
GKPR	BZ10931	295	EP	1333	40.59-0.42		1.0
GKPR	BN10931	295	ES	1344	20.37 1.08		1.0
HYB	HZ11022	285	EP	1333	44.87 0.37		1.0
HYB	HE11022	285	ES	1344	23.09-0.49		1.0
ALBI	BZ11024	294	EP	1333	44.76 0.26		1.0
ALBI	BN11024	294	ES	1344	23.00-0.53		1.0
NGP	BZ11123	289	EP	1333	48.45-0.03		1.0
NGP	BE11123	289	ES	1344	28.52 0.52		1.0
LKN	BZ11167	295	EP	1333	49.52-0.72		1.0
LKN	BE11167	295	ES	1344	29.11-0.83		1.0
JHNI	BZ11331	293	EP	1333	56.43-0.30		1.0
JHNI	BE11331	293	ES	1344	38.87 1.91		0.9
PTH	BZ11339	297	EP	1333	57.15-0.54		1.0
PTH	BE11339	297	ES	1344	37.69-0.74		1.0
BHPL	HZ11361	290	EP	1333	59.00 1.07		1.0
BHPL	HE11361	290	ES	1344	38.86 0.58		1.0
NRDN	BZ11415	289	EP	1334	0.04-0.07		1.0
NRDN	BE11415	289	ES	1344	41.34 0.74		1.0
GUNA	BZ11422	291	EP	1334	0.37-0.06		1.0
GUNA	BE11422	291	ES	1344	38.87-2.09		0.9
TKRD	BZ11446	296	EP	1334	2.93 1.54		0.9
TKRD	BN11446	296	ES	1344	42.69 0.71		1.0
KAD	BE11452	283	ES	1344	41.21-0.91		1.0
UNCH	BZ11486	295	EP	1334	3.50 0.51		1.0
UNCH	BE11486	295	ES	1344	44.20 0.55		1.0
UTK	BZ11541	298	EP	1334	6.68 1.30		0.9
UTK	BE11541	298	ES	1344	48.19 1.90		0.9
MERT	BZ11543	296	EP	1334	5.53 0.33		1.0
MERT	BE11543	296	ES	1344	46.35 0.42		1.0
BISR	BZ11556	295	EP	1334	5.15-0.62		1.0
BISR	BE11556	295	ES	1344	47.67 1.12		1.0
JMIU	BZ11570	295	EP	1334	5.85-0.43		1.0
JMIU	BE11570	295	ES	1344	45.86-1.19		1.0
SONA	BZ11579	295	EP	1334	6.13-0.53		1.0
SONA	BE11579	295	ES	1344	47.51 0.06		1.0

AYAN	BZ11582	295	EP	1334	7.14	0.33	1.0
AYAN	BE11582	295	ES	1344	47.44	-0.19	1.0
NPL	BZ11583	295	EP	1334	5.53	-1.28	0.9
NPL	BE11583	295	ES	1344	47.57	-0.02	1.0
BHGR	BZ11608	295	EP	1334	7.92	0.12	1.0
BHGR	BE11608	295	ES	1344	49.39	0.76	1.0
GNR	BZ11614	296	EP	1334	8.40	0.38	1.0
GNR	BE11614	296	ES	1344	48.12	-0.70	1.0
SMLA	HZ11670	298	EP	1334	11.53	0.97	1.0
SMLA	HE11670	298	ES	1344	51.79	0.16	1.0
AJM	BZ11743	292	EP	1334	12.93	-0.32	1.0
AJM	BE11743	292	ES	1344	53.65	-0.54	1.0
BHK	BZ11751	298	EP	1334	13.58	0.07	1.0
BHK	BE11751	298	ES	1344	54.02	-0.40	1.0
UDPR	BE11766	290	ES	1344	53.71	-1.29	0.9
ALCI	BZ11774	301	EP	1334	14.75	0.12	1.0
ALCI	BE11774	301	ES	1344	55.23	-0.47	1.0
DHRM	HZ11787	299	EP	1334	16.37	0.69	1.0
DHRM	HE11787	299	ES	1344	57.03	-0.11	1.0
BHV	BZ11818	287	EP	1334	16.54	0.38	1.0
BHV	BN11818	287	ES	1344	56.83	-0.22	1.0
TSSA	BZ11820	299	EP	1334	17.21	0.29	1.0
TSSA	BE11820	299	ES	1344	57.78	-0.52	1.0
THN	BZ11838	299	EP	1334	17.21	0.18	1.0
THN	BE11838	299	ES	1344	58.27	0.30	1.0
SRGN	BZ11931	296	EP	1334	20.50	-0.19	1.0
SRGN	BE11931	296	ES	1345	0.85	-0.69	1.0
SRIN	BZ11979	300	EP	1334	22.24	-0.39	1.0
SRIN	BE11979	300	ES	1345	2.94	-0.51	1.0

February 10 2021 Hour: 14:32 26.6 Lat: 36.12N Lon: 70.83E D:284.1 Ag: NCS Local
Magnitudes: 3.9ML NCS 4.2MW NCS Rms: 0.8 secs
Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	522	134	EP		1433	40.43	-0.40							1.0
JMU	BN	522	134	ES		1434	34.61	-0.43							1.0
JMU	BN	522	134	IAML		1434	40.74			143	0.3				
TSSA	BZ	609	125	EP		1433	51.15	0.05							1.0
TSSA	BN	609	125	ES		1434	52.16	-0.64							1.0
TSSA	BE	609	125	IAML		1434	53.87			172	0.4				
THN	BZ	613	130	EP		1433	51.89	0.95							1.0
THN	BN	613	130	ES		1434	53.69	1.18							1.0
THN	BN	613	130	IAML		1434	55.53			101	0.4				
ALCI	BZ	616	108	EP		1433	50.47	-0.94							1.0
ALCI	BE	616	108	ES		1434	52.19	-1.15							1.0
DHRM	HZ	663	129	EP		1433	57.62	0.47							1.0
DHRM	HE	663	129	ES		1435	4.66	1.39							1.0
DHRM	HN	663	129	IAML		1435	6.47			182	0.3				
SMLA	HZ	808	131	EP		1434	13.45	0.26							1.0
SMLA	HN	808	131	ES		1435	31.64	0.63							1.0
SMLA	HE	808	131	IAML		1435	36.10			96	0.3				
KLP	BZ	854	124	EP		1434	18.67	-0.23							1.0
KLP	BE	854	124	ES		1435	40.86	-0.03							1.0
KLP	BE	854	124	IAML		1435	44.21			79	0.5				
UTK	BZ	926	128	EP		1434	27.09	0.22							1.0
UTK	BN	926	128	ES		1435	55.27	0.59							1.0
KUDL	HZ	1033	147	EP		1434	39.17	0.11							1.0
KUDL	HN	1033	147	ES		1436	13.74	-2.03							1.0

February 10 2021 Hour: 16:35 21.6 Lat: 22.49S Lon: 171.65E D: 15.0 Ag: NCS Regional
Magnitudes: 6.1MW NCS Rms: 0.8 secs
Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PBA	HZ	9389	285	EP		1647	53.71	0.06							1.0
PBA	HN	9389	285	ES		1658	16.07	0.60							1.0
SAIH	SZ	9865	295	EP		1648	15.27	0.74							1.0
SAIH	SE	9865	295	ES		1658	42.71	0.35							1.0
IMP	SZ	9886	297	EP		1648	15.12	-0.22							1.0
IMP	SN	9886	297	ES		1658	44.13	0.73							1.0
MOKO	SZ	9905	299	EP		1648	15.86	-0.74							1.0
MOKO	SE	9905	299	ES		1658	44.87	-0.37							1.0
KOHI	SZ	9914	298	EP		1648	16.47	-0.54							1.0
KOHI	SE	9914	298	ES		1658	45.94	0.16							1.0
JORH	SZ	9949	299	EP		1648	17.38	-0.58							1.0
JORH	SE	9949	299	ES		1658	48.07	1.31							0.9
AZL	SZ	9950	296	EP		1648	18.70	0.60							1.0
AZL	SN	9950	296	ES		1658	47.19	0.28							1.0
SILR	SZ	9988	297	EP		1648	19.50	-0.12							1.0
SILR	SE	9988	297	ES		1658	51.60	2.78							0.7
ITAN	SZ	10016	299	EP		1648	20.44	-0.37							1.0
ITAN	SE	10016	299	ES		1658	51.47	1.07							1.0
ZIRO	SZ	10023	300	EP		1648	21.05	-0.00							1.0
ZIRO	SE	10023	300	ES		1658	50.69	-0.00							1.0
TEZP	SZ	10074	299	EP		1648	22.89	-0.31							1.0
TEZP	SE	10074	299	ES		1658	53.32	-0.04							1.0
AGT	SZ	10091	295	EP		1648	24.99	1.06							1.0
AGT	SN	10091	295	ES		1658	54.59	0.37							1.0
SHL	HZ	10099	297	EP		1648	24.63	-0.15							1.0
SHL	HE	10099	297	ES		1658	55.37	-0.19							1.0
GUWA	SZ	10155	298	EP		1648	26.46	-0.12							1.0
GUWA	SE	10155	298	ES		1658	57.18	-0.38							1.0
CAL	BZ	10304	293	EP		1648	33.00	0.20							1.0
CAL	BE	10304	293	ES		1659	5.58	0.45							1.0
COBR	BZ	10364	297	EP		1648	35.19	-0.01							1.0
COBR	BN	10364	297	ES		1659	7.26	-0.85							1.0
JPG	BZ	10444	297	EP		1648	39.96	1.46							0.9
JPG	BE	10444	297	ES		1659	11.20	-0.89							1.0
BWNR	BZ	10447	290	EP		1648	38.93	0.23							1.0
BWNR	BN	10447	290	ES		1659	12.81	0.59							1.0
BOKR	HZ	10589	293	EP		1648	44.36	-0.23							1.0
BOKR	HE	10589	293	ES		1659	19.73	0.42							1.0
JMUI	BZ	10604	295	EP		1648	45.52	0.40							1.0
JMUI	BE	10604	295	ES		1659	20.21	0.30							1.0
RAGD	BZ	10634	288	EP		1648	46.71	0.30							1.0
RAGD	BE	10634	288	ES		1659	21.73	0.39							1.0
VJD	BZ	10801	285	EP		1648	53.23	0.06							1.0
VJD	BN	10801	285	ES		1659	32.46	3.29							0.6
SALM	BZ	10856	279	EP		1648	55.86	0.34							1.0
SALM	BE	10856	279	ES		1659	32.89	1.03							1.0
KOD	BZ	10868	278	EP		1648	55.00	-1.29							0.9
KOD	BE	10868	278	ES		1659	32.97	0.10							1.0
BLSP	BZ	10874	291	EP		1648	55.86	-0.24							1.0
BLSP	BN	10874	291	ES		1659	32.96	0.31							1.0
VLK	BZ	10921	296	EP		1648	58.62	0.71							1.0
VLK	BE	10921	296	ES		1659	35.08	0.27							1.0
VAR	BZ	10922	294	EP		1648	56.90	-1.04							1.0
VAR	BE	10922	294	ES		1659	31.99	-2.79							0.7
GKPR	BZ	10939	295	EP		1648	58.79	0.20							1.0
GKPR	BE	10939	295	ES		1659	35.87	0.32							1.0
ALBI	BZ	11035	294	EP		1649	1.47	-0.71							1.0
ALBI	BE	11035	294	ES		1659	39.93	0.04							1.0
NGP	BZ	11140	289	EP		1649	6.35	-0.08							1.0

NGP	BE11140	289	ES	1659	44.08-0.58	1.0
LKN	BZ11176	295	EP	1649	3.44-4.42	0.4
LKN	BE11176	295	ES	1659	47.46 1.23	1.0
LATR	BZ11284	285	EP	1649	10.88-1.30	0.9
LATR	BE11284	285	ES	1659	51.10 0.14	1.0
PTH	BZ11345	297	EP	1649	15.03-0.15	1.0
PTH	BN11345	297	ES	1659	54.39-0.17	1.0
GUNA	BZ11436	292	EP	1649	17.82-0.41	1.0
GUNA	BN11436	292	ES	1659	57.93 0.52	1.0
ASOR	BZ11539	296	EP	1649	21.84-0.55	1.0
ASOR	BN11539	296	ES	17 0	1.48-0.31	1.0
UTK	BZ11546	298	EP	1649	19.65-3.18	0.7
UTK	BE11546	298	ES	17 0	2.55 0.17	1.0
SONA	BZ11588	295	EP	1649	24.09-0.18	1.0
SONA	BE11588	295	ES	17 0	3.54-0.16	1.0
AYAN	BZ11590	295	EP	1649	23.93-0.47	1.0
AYAN	BN11590	295	ES	17 0	3.24-0.62	1.0
KLP	BZ11590	298	EP	1649	25.28 0.29	1.0
KLP	BE11590	298	ES	17 0	4.08-0.80	1.0
GNR	BZ11622	296	EP	1649	25.98 0.40	1.0
GNR	BN11622	296	ES	17 0	4.24-0.78	1.0
KUDL	HZ11638	295	EP	1649	26.10-0.14	1.0
KUDL	HE11638	295	ES	17 0	5.09-0.62	1.0
SMLA	HZ11675	298	EP	1649	27.51-0.50	1.0
SMLA	HE11675	298	ES	17 0	8.03 0.32	1.0
BHK	BZ11756	298	EP	1649	30.72-0.24	1.0
BHK	BE11756	298	ES	17 0	10.33-0.16	1.0
UDPR	BZ11781	290	EP	1649	33.07 1.11	1.0
UDPR	BE11781	290	ES	17 0	11.51 0.02	1.0
DHRM	HZ11790	299	EP	1649	32.52-0.56	1.0
DHRM	HE11790	299	ES	17 0	13.28 0.11	1.0
TSSA	BZ11823	299	EP	1649	33.93-0.35	1.0
TSSA	BE11823	299	ES	17 0	14.15-0.14	1.0
BHV	BZ11838	287	EP	1649	33.98-0.21	1.0
BHV	BE11838	287	ES	17 0	12.97-0.73	1.0
THN	BZ11842	299	EP	1649	34.33-0.10	1.0
THN	BN11842	299	ES	17 0	14.68 0.69	1.0
BKNR	BZ11936	294	EP	1649	38.60 0.48	1.0
BKNR	BE11936	294	ES	17 0	17.28-0.30	1.0

February 10 2021 Hour: 18:36 39.4 Lat: 22.85S Lon: 171.47E D: 12.7 Ag: NCS Regional
Magnitudes: 5.9Ms NCS 6.2MS NCS 6.1MW NCS Rms: 0.8 secs
Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PBA	HZ	9380	285	EP		1849	10.85-0.62								0.0
PBA	HE	9380	285	ES		1859	33.87 0.42								1.0
SAIH	SZ	9864	295	EP		1849	33.36 0.67								1.0
SAIH	SE	9864	295	ES		19 0	1.46 0.67								1.0
SAIH	SZ	9864	295	IAMs_20		1932	26.74		6967	24.4					
IMP	SZ	9887	297	EP		1849	34.06 0.48								1.0
IMP	SE	9887	297	ES		19 0	2.78 0.84								1.0
IMP	SZ	9887	297	IAMs_20		1933	10.59		4303	22.7					
MOKO	SZ	9908	299	EP		1849	35.36 0.47								1.0
MOKO	SE	9908	299	ES		19 0	3.67-0.17								1.0
KOHI	SZ	9915	298	EP		1849	35.44 0.16								1.0
KOHI	SE	9915	298	ES		19 0	4.52 0.17								1.0
AZL	SZ	9950	296	EP		1849	37.35 1.06								1.0
AZL	SE	9950	296	ES		19 0	5.56 0.18								1.0
AZL	SZ	9950	296	IAMs_20		1933	33.03		5150	22.2					
JORH	SZ	9952	299	EP		1849	37.47 1.21								1.0
JORH	SE	9952	299	ES		19 0	4.25-1.12								1.0
ITAN	SZ10018	299	EP			1849	39.61 0.50								1.0
ITAN	SE10018	299	ES			19 0	8.24-0.77								1.0
ZIRO	SZ10025	300	EP			1849	40.53 1.16								1.0

ZIRO	SE10025	300	ES	19 0	8.73-0.59		1.0
TEZP	SZ10076	299	EP	1849	41.70 0.22		1.0
TEZP	SE10076	299	ES	19 0	11.13-0.81		1.0
AGT	SZ10091	296	EP	1849	44.08 1.97		0.9
AGT	SE10091	296	ES	19 0	13.50 0.83		1.0
AGT	SZ10091	296	IAMs_20	1933	11.14	4099 20.5	
SHL	HZ10100	297	EP	1849	43.47 0.46		1.0
SHL	HE10100	297	ES	19 0	12.94-1.15		1.0
GUWA	SZ10156	298	EP	1849	45.36 0.53		1.0
GUWA	SE10156	298	ES	19 0	15.09-1.02		1.0
COBR	BZ10364	297	EP	1849	53.69 0.26		1.0
COBR	BE10364	297	ES	19 0	27.98 1.35		0.9
BWNR	BZ10442	290	EP	1849	57.11 0.40		1.0
BWNR	BE10442	290	ES	19 0	30.57 0.09		1.0
JPG	BZ10444	297	EP	1849	56.78 0.05		1.0
JPG	BE10444	297	ES	19 0	29.46-1.14		1.0
SHBG	BZ10486	295	EP	1849	57.73-0.71		1.0
BOKR	HZ10587	294	EP	1850	2.01-0.69		1.0
BOKR	HE10587	294	ES	19 0	37.35-0.34		1.0
JMUI	BZ10603	295	EP	1850	4.77 1.50		0.9
JMUI	BE10603	295	ES	19 0	38.23-0.11		1.0
RAGD	BZ10628	288	EP	1850	5.20 0.83		1.0
RAGD	BE10628	288	ES	19 0	39.00-0.54		1.0
MDRS	HZ10693	281	EP	1850	5.73-1.35		0.9
MDRS	HE10693	281	ES	19 0	42.94 0.31		1.0
MDRS	HZ10693	281	IVMs_BB	1930	31.94	1682 21.6	
VJD	BZ10792	285	EP	1850	11.56 0.53		1.0
VJD	BE10792	285	ES	19 0	47.71 0.46		1.0
VJD	BZ10792	285	IAMs_20	1934	49.81	4631 22.3	
TRVM	HZ10835	276	EP	1850	12.17-0.67		1.0
TRVM	HE10835	276	ES	19 0	49.64 0.38		1.0
TRVM	HZ10835	276	IVMs_BB	1934	23.28	3194 21.5	
SALM	BZ10843	279	EP	1850	13.73 0.52		1.0
SALM	BE10843	279	ES	19 0	51.20 1.45		0.9
KOD	BZ10854	278	EP	1850	13.26-0.67		1.0
KOD	BE10854	278	ES	19 0	50.05-0.67		1.0
KOD	BZ10854	278	IAMs_20	1933	13.36	10721 21.4	
BLSP	BZ10869	291	EP	1850	14.60 0.47		1.0
BLSP	BE10869	291	ES	19 0	50.90-0.04		1.0
VAR	BZ10920	294	EP	1850	15.04-1.02		1.0
VAR	BE10920	294	ES	19 0	53.45 0.27		1.0
VLK	BZ10921	296	EP	1850	15.89-0.22		1.0
VLK	BE10921	296	ES	19 0	52.49-0.81		1.0
VLK	BZ10921	296	IAMs_20	1934	40.02	3478 27.2	
GKPR	BZ10938	295	EP	1850	15.66-1.11		1.0
GKPR	BE10938	295	ES	19 0	54.68 0.68		1.0
GKPR	BZ10938	295	IAMs_20	1934	26.46	3706 25.3	
ALBI	BZ11033	294	EP	1850	20.72 0.42		1.0
ALBI	BN11033	294	ES	19 0	58.25-0.04		1.0
HYB	HZ11036	285	EP	1850	21.43 0.92		1.0
HYB	HE11036	285	ES	19 0	58.78 0.21		1.0
LKN	BZ11175	295	EP	1850	25.24-0.77		1.0
LKN	BE11175	295	ES	19 1	4.66-0.01		1.0
MNGI	BZ11226	279	EP	1850	27.04-0.95		1.0
MNGI	BE11226	279	ES	19 1	7.63 0.82		1.0
LATR	BZ11275	285	EP	1850	29.77-0.27		1.0
JHNI	BZ11340	293	EP	1850	32.28-0.27		1.0
JHNI	BE11340	293	ES	19 1	12.53 0.80		1.0
PTH	BZ11345	297	EP	1850	33.29-0.12		1.0
NRDN	BZ11427	289	EP	1850	36.24 0.21		1.0
NRDN	BE11427	289	ES	19 1	15.50 0.05		1.0
NRDN	BZ11427	289	IAMs_20	1933	23.29	4414 22.8	
GUNA	BZ11432	291	EP	1850	36.04-0.24		1.0
KAD	BZ11466	283	EP	1850	37.71 0.10		1.0

KAD	BE11466	283	ES	19	1	15.86-1.25											0.9
KAD	BZ11466	283	IAMs_20	1935		12.64			3895	21.7							
MERT	BZ11550	296	EP	1850		40.77-0.18											1.0
MERT	BN11550	296	ES	19	1	19.48-1.12											1.0
SONA	BZ11587	295	EP	1850		41.78-0.65											1.0
SONA	BE11587	295	ES	19	1	20.98-1.16											1.0
AYAN	BZ11589	295	EP	1850		42.32-0.25											1.0
AYAN	BE11589	295	ES	19	1	22.17-0.14											1.0
NPL	BZ11591	295	EP	1850		42.59 0.03											1.0
NPL	BE11591	295	ES	19	1	19.48-2.79											0.7
NRLA	BZ11603	295	EP	1850		42.99-0.03											1.0
NRLA	BE11603	295	ES	19	1	23.45 0.72											1.0
GNR	BZ11621	296	EP	1850		44.01 0.24											1.0
GNR	BE11621	296	ES	19	1	24.42 0.93											1.0
KUDL	HZ11637	295	EP	1850		43.89-0.51											1.0
KKR	BZ11669	296	EP	1850		46.10 0.38											1.0
KKR	BE11669	296	ES	19	1	24.74-0.79											1.0
SMLA	HZ11676	298	EP	1850		45.04-1.21											1.0
SMLA	HE11676	298	ES	19	1	26.79 0.55											1.0
AJM	BZ11753	292	EP	1850		48.00-1.07											1.0
AJM	BE11753	292	ES	19	1	27.98-0.95											1.0
BHK	BZ11757	298	EP	1850		48.00-1.21											1.0
BHK	BE11757	298	ES	19	1	29.23 0.20											1.0
UDPR	BZ11777	290	EP	1850		49.98 0.00											1.0
UDPR	BE11777	290	ES	19	1	30.75 0.95											1.0
ALCI	BZ11778	301	EP	1850		50.40 0.15											1.0
ALCI	BN11778	301	ES	19	1	31.80 1.57											0.9
DHRM	HZ11792	299	EP	1850		50.46-0.89											1.0
DHRM	HE11792	299	ES	19	1	30.92-0.81											1.0
TSSA	BZ11825	299	EP	1850		52.72 0.14											1.0
TSSA	BE11825	299	ES	19	1	33.62 0.75											1.0
THN	BZ11843	299	EP	1850		52.91 0.21											1.0
THN	BE11843	299	ES	19	1	33.44 0.89											1.0
SRGN	BZ11938	296	EP	1850		56.10-0.34											1.0
SRGN	BE11938	296	ES	19	1	37.35 1.15											1.0
SRIN	BZ11983	300	EP	1850		58.13-0.14											1.0
JASL	BZ12123	292	EP	1851		3.42-0.41											1.0
JASL	BE12123	292	ES	19	1	42.84-0.47											1.0

February 10 2021 Hour: 19: 3 20.5 Lat: 36.21N Lon: 71.00E D:228.3 Ag: NCS Local
Magnitudes: 3.9ML NCS 4.0MW NCS Rms: 0.8 secs
Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	518	136	EP		19	4	32.30 0.72							1.0
JMU	BE	518	136	ES		19	5	23.72 0.22							1.0
JMU	BN	518	136	IAML		19	5	26.59		754	0.6				
JMU	BE	518	136	IAML		19	5	26.92		198	0.3				
ALCI	BZ	605	110	EP		19	4	40.61-1.05							1.0
ALCI	BN	605	110	ES		19	5	40.52-0.43							1.0
ALCI	BE	605	110	IAML		19	5	42.69		64	0.2				
DHRM	HZ	657	130	EP		19	4	48.20-0.04							1.0
DHRM	HN	657	130	ES		19	5	51.44-0.88							1.0
DHRM	HN	657	130	IAML		19	5	54.51		330	0.5				
BHK	BZ	730	136	EP		19	4	55.99 0.05							1.0
BHK	BN	730	136	ES		19	6	7.26 1.61							1.0
BHK	BN	730	136	IAML		19	6	10.56		98	0.2				
SMLA	HZ	803	133	EP		19	5	4.28-0.47							1.0
SMLA	HE	803	133	ES		19	6	21.52 0.64							1.0
SMLA	HE	803	133	IAML		19	6	24.67		91	0.3				
SMLA	HN	803	133	IAML		19	6	24.80		147	0.2				
JASL	BZ	1030	181	EP		19	5	31.40 0.16							1.0
JASL	BE	1030	181	ES		19	7	6.30-0.41							1.0
JASL	BE	1030	181	IAML		19	7	10.97		53	0.2				
AJM	BZ	1138	161	EP		19	5	45.40 1.22							1.0

AJM BN 1138 161 ES 19 7 27.76-1.34 1.0

February 10 2021 Hour: 19:15 48.5 Lat: 23.76N Lon: 92.65E D: 60.0 Ag: NCS Local
Magnitudes: 2.8ML NCS 3.0MW NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AZL	SZ	4	121	EP		1915	57.70	0.34							1.0
AZL	SE	4	121	ES		1916	3.71	-0.16							1.0
AZL	SN	4	121	IAML		1916	4.93			506	0.2				
AZL	SE	4	121	IAML		1916	4.93			552	0.2				
SAIH	SZ	145	166	EP		1916	10.68	0.25							1.0
SAIH	SE	145	166	ES		1916	26.22	-0.26							1.0
SAIH	SE	145	166	IAML		1916	30.06			78	0.4				
IMP	SZ	177	48	EP		1916	14.73	0.48							1.0
IMP	SN	177	48	ES		1916	32.63	-0.44							1.0
KOHI	SZ	262	34	EP		1916	25.20	0.11							1.0
KOHI	SN	262	34	ES		1916	51.91	0.07							1.0
KOHI	SN	262	34	IAML		1917	0.40			41	0.5				
MOKO	SZ	340	33	EP		1916	34.72	0.21							1.0
MOKO	SE	340	33	ES		1917	8.33	0.20							1.0
ZIRO	SZ	434	16	EP		1916	44.55	-0.95							1.0
ZIRO	SN	434	16	ES		1917	27.30	0.15							1.0
ZIRO	SN	434	16	IAML		1917	31.63			25	0.3				
ZIRO	SE	434	16	IAML		1917	31.94			28	0.3				

February 10 2021 Hour: 20:45 10.4 Lat: 22.88S Lon: 171.55E D: 5.0 Ag: NCS Regional
Magnitudes: 5.9Mb NCS 5.8MW NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SAIH	SZ	9872	295	EP		2058	4.88	-0.45							1.0
MOKO	SZ	9916	299	EP		2058	8.09	0.57							1.0
KOHI	SZ	9924	298	EP		2058	8.09	0.18							1.0
AZL	SZ	9959	296	EP		2058	9.04	0.11							1.0
AZL	SE	9959	296	ES		21 8	39.10	0.01							1.0
JORH	SZ	9960	299	EP		2058	8.24	-0.66							1.0
JORH	SN	9960	299	ES		21 8	42.75	3.67							0.6
ITAN	SZ10027	299		EP		2058	12.16	0.41							1.0
ITAN	SZ10027	299		IAmb		2058	12.63			27	0.3				
ITAN	SN10027	299		ES		21 8	42.23	-0.48							1.0
ZIRO	SZ10034	300		EP		2058	11.70	-0.30							1.0
ZIRO	SE10034	300		ES		21 8	42.36	-0.66							1.0
TEZP	SZ10085	299		EP		2058	14.52	0.41							1.0
AGT	SZ10099	296		EP		2058	14.93	0.19							1.0
AGT	SZ10099	296		IAmb		2058	15.05			32	0.5				
AGT	SN10099	296		ES		21 8	46.05	-0.33							1.0
SHL	HZ10109	297		EP		2058	16.03	0.38							1.0
GUWA	SZ10165	298		EP		2058	17.02	-0.44							1.0
JMUI	BZ10612	295		EP		2058	35.86	-0.04							1.0
VJD	BZ10800	285		EP		2058	43.83	0.17							1.0
VLK	BZ10930	296		EP		2058	48.70	-0.04							1.0
VLK	BE10930	296		ES		21 9	27.20	0.25							1.0
GKPR	BZ10947	295		EP		2058	48.62	-0.52							1.0
ALBI	BZ11041	294		EP		2058	52.94	0.02							1.0
ALBI	BZ11041	294		IAmb		2058	53.08			7	0.3				

February 10 2021 Hour: 21:25 5.2 Lat: 39.44N Lon: 74.88E D: 15.0F Ag: NCS Local
Magnitudes: 3.4ML NCS 3.6MW NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TSSA	BZ	741	171	EP		2126	42.80	0.54							1.0
TSSA	BE	741	171	ES		2127	53.81	0.67							1.0
TSSA	BN	741	171	IAML		2128	2.87			45	0.6				
TSSA	BE	741	171	IAML		2128	3.26			34	0.5				
THN	BZ	781	174	EP		2126	46.58	0.10							1.0

THN	BN	781	174	ES	2127	59.57-0.86									1.0
THN	BN	781	174	IAML	2128	13.35			26	0.5					
DHRM	HZ	808	170	EP	2126	50.77	0.26								1.0
DHRM	HE	808	170	ES	2128	7.64	0.23								1.0
DHRM	HE	808	170	IAML	2128	15.68			25	0.5					
SMLA	HZ	945	167	EP	2127	5.87-0.89									1.0
SMLA	HE	945	167	ES	2128	35.47-0.06									1.0

February 10 2021 Hour: 21:24 1.7 Lat: 23.49S Lon: 171.89E D: 33.4 Ag: NCS Regional
Magnitudes: 6.0Ms NCS 6.2Mb NCS 6.3MW NCS Rms: 0.7 secs
Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PWAL	BZ			EP		2138	4.70								
PWAL	BE			ES		2148	37.36								
PBA	HZ	9440	285	EP		2136	33.25-0.05								1.0
PBA	HN	9440	285	ES		2146	51.07-2.54								0.8
SAIH	SZ	9932	295	EP		2136	55.20	0.52							1.0
SAIH	SN	9932	295	ES		2147	22.00	0.85							1.0
IMP	SZ	9957	297	EP		2136	55.38-0.27								1.0
IMP	SE	9957	297	ES		2147	22.28-0.10								1.0
MOKO	SZ	9979	299	EP		2136	56.90-0.09								1.0
MOKO	SE	9979	299	ES		2147	24.19-0.13								1.0
KOHI	SZ	9986	298	EP		2136	57.20-0.16								1.0
KOHI	SZ	9986	298	IAmb		2136	59.65			520	1.7				
KOHI	SN	9986	298	ES		2147	24.50-0.30								1.0
AZL	SZ10020	296	EP			2136	58.42	0.12							1.0
AZL	SN10020	296	ES			2147	25.77	0.05							1.0
JORH	SZ10023	299	EP			2136	58.06-0.31								1.0
JORH	SE10023	299	ES			2147	25.31-0.53								1.0
ITAN	SZ10090	299	EP			2137	2.01	0.80							1.0
ITAN	SZ10090	299	IAmb			2137	4.79			300	1.0				
ITAN	SE10090	299	ES			2147	28.79-0.65								1.0
ZIRO	SZ10097	300	EP			2137	1.93	0.45							1.0
ZIRO	SN10097	300	ES			2147	30.54	0.78							1.0
TEZP	SZ10147	298	EP			2137	3.68	0.13							1.0
TEZP	SZ10147	298	IAmb			2137	6.27			181	1.1				
TEZP	SN10147	298	ES			2147	34.27	1.97							0.9
AGT	SZ10160	295	EP			2137	5.95	1.87							0.9
AGT	SE10160	295	ES			2147	34.27	1.36							0.9
SHL	HZ10171	297	EP			2137	5.32	0.28							1.0
SHL	HN10171	297	ES			2147	33.66-0.73								1.0
GUWA	SZ10227	298	EP			2137	7.03	0.17							1.0
GUWA	SZ10227	298	IAmb			2137	9.73			96	1.3				
GUWA	SE10227	298	ES			2147	36.20-0.19								1.0
COBR	BZ10434	297	EP			2137	15.46	0.05							1.0
COBR	BE10434	297	ES			2147	46.57-0.19								1.0
BWNR	BZ10506	290	EP			2137	18.75	0.29							1.0
BWNR	BE10506	290	ES			2147	50.22-0.07								1.0
JPG	BZ10514	297	EP			2137	19.92	1.22							1.0
JPG	BE10514	297	ES			2147	50.27-0.42								1.0
SHBG	BZ10554	295	EP			2137	20.86	0.50							1.0
SHBG	BZ10554	295	IAmb			2137	24.12			66	0.8				
SHBG	BE10554	295	ES			2147	53.22	0.59							1.0
BOKR	HZ10654	293	EP			2137	23.65-0.89								1.0
BOKR	HZ10654	293	IAmb			2137	28.06			89	1.1				
BOKR	HE10654	293	ES			2147	56.87-0.69								1.0
JMUI	BZ10671	294	EP			2137	26.06	0.92							1.0
JMUI	BN10671	294	ES			2147	58.64	0.40							1.0
RAGD	BZ10691	288	EP			2137	25.65-0.37								1.0
RAGD	BZ10691	288	IAmb			2137	29.18			90	1.2				
RAGD	BE10691	288	ES			2147	59.69	0.51							1.0
MDRS	HZ10749	281	EP			2137	28.18-0.27								1.0
MDRS	HZ10749	281	IAmb			2137	32.20			68	1.3				
MDRS	HN10749	281	ES			2148	1.19-0.72								1.0

MDRS	HZ10749	281	IAMs_20	2215	17.82	6774	28.2	
VJD	BZ10851	285	EP	2137	32.42-0.10			1.0
VJD	BE10851	285	ES	2148	8.82 2.17			0.8
VJD	BZ10851	285	IAMs_20	2223	9.25	4702	20.4	
TRVM	HZ10885	276	EP	2137	33.77-0.18			1.0
SALM	BZ10897	279	EP	2137	35.07 0.60			1.0
SALM	BZ10897	279	IAmb	2137	38.39	57	1.2	
SALM	BE10897	279	ES	2148	9.18 0.31			1.0
SALM	BZ10897	279	IAMs_20	2219	23.18	6563	21.2	
KOD	BZ10906	278	EP	2137	35.33 0.21			1.0
KOD	BE10906	278	ES	2148	10.97 1.22			1.0
KOD	BZ10906	278	IAMs_20	2218	12.96	8192	20.1	
KNKR	BZ10924	288	EP	2137	35.58 0.13			1.0
KNKR	BN10924	288	ES	2148	10.42 0.30			1.0
BLSP	BZ10934	290	EP	2137	35.53-0.29			1.0
BLSP	BZ10934	290	IAmb	2137	38.60	91	1.2	
BLSP	BN10934	290	ES	2148	10.27-0.28			1.0
VLK	BZ10991	296	EP	2137	38.22 0.48			1.0
VLK	BE10991	296	ES	2148	13.55 0.46			1.0
GKPR	BZ11007	295	EP	2137	39.26 0.91			1.0
GKPR	BE11007	295	ES	2148	14.05 0.29			1.0
HYB	HZ11095	285	EP	2137	41.42-0.55			1.0
HYB	HZ11095	285	IAmb	2137	46.27	58	1.4	
HYB	HE11095	285	ES	2148	17.62-0.24			1.0
ALBI	BZ11100	293	EP	2137	41.90-0.17			1.0
ALBI	BN11100	293	ES	2148	17.52-0.41			1.0
NGP	BZ11198	288	EP	2137	46.50 0.49			1.0
NGP	BE11198	288	ES	2148	21.86-0.43			1.0
NGP	BZ11198	288	IAMs_20	2222	16.96	5064	19.7	
LKN	BZ11243	294	EP	2137	51.46 3.64			0.0
LKN	BN11243	294	ES	2148	23.90-0.37			1.0
LATR	BZ11335	285	EP	2137	51.91 0.39			1.0
LATR	BE11335	285	ES	2148	28.47 0.19			1.0
LATR	BZ11335	285	IAMs_20	2220	11.99	5592	23.5	
AKL	BZ11377	287	EP	2137	52.82-0.33			1.0
AKL	BZ11377	287	IAmb	2137	56.18	8	0.8	
AKL	BE11377	287	ES	2148	29.48-0.51			1.0
JHNI	BZ11407	292	EP	2137	53.08-1.21			1.0
JHNI	BE11407	292	ES	2148	30.59-0.60			1.0
PTH	BZ11415	297	EP	2137	55.19-0.10			1.0
PTH	BE11415	297	ES	2148	31.62-1.06			1.0
BHPL	HZ11435	290	EP	2137	54.70-0.77			1.0
BHPL	HN11435	290	ES	2148	30.65-1.81			0.9
GOA	HZ11489	281	EP	2137	57.24-0.32			1.0
GOA	HE11489	281	ES	2148	34.43-0.20			1.0
NRDN	BZ11490	289	EP	2137	58.06 0.42			1.0
NRDN	BE11490	289	ES	2148	34.44-0.29			1.0
GUNA	BZ11498	291	EP	2137	57.69-0.30			1.0
GUNA	BZ11498	291	IAmb	2138	0.93	12	0.8	
GUNA	BE11498	291	ES	2148	35.13 0.01			1.0
KAD	BZ11524	283	EP	2137	58.91-0.10			1.0
KAD	BZ11524	283	IAmb	2138	4.33	9	1.1	
KAD	BE11524	283	ES	2148	37.77 1.61			0.9
POO	HZ11605	284	EP	2138	1.98-0.30			1.0
ASOR	BZ11608	295	EP	2138	1.61-0.80			1.0
ASOR	BN11608	295	ES	2148	39.48-0.24			1.0
UTK	BZ11617	297	EP	2138	2.48-0.50			1.0
UTK	BE11617	297	ES	2148	40.28-0.16			1.0
MERT	BZ11619	296	EP	2138	2.85 0.06			1.0
MERT	BE11619	296	ES	2148	40.52 0.46			1.0
SONA	BZ11655	295	EP	2138	3.87-0.38			1.0
SONA	BN11655	295	ES	2148	41.08-0.48			1.0
NDI	HZ11657	295	EP	2138	4.31-0.00			1.0
NDI	HN11657	295	ES	2148	41.06-0.56			1.0

AYAN	BZ11658	295	EP	2138	4.18-0.21											1.0
AYAN	BZ11658	295	IAmb	2138	8.17				12	0.6						
AYAN	BE11658	295	ES	2148	41.33-0.41											1.0
NPL	BZ11659	295	EP	2138	2.93-1.46											0.9
NRLA	BZ11671	295	EP	2138	5.53 0.67											1.0
NRLA	BZ11671	295	IAmb	2138	10.25				221	0.5						
NRLA	BE11671	295	ES	2148	41.96-0.20											1.0
GNR	BZ11690	295	EP	2138	6.01 0.40											1.0
GNR	BZ11690	295	IAmb	2138	9.24				335	0.3						
GNR	BN11690	295	ES	2148	43.16 0.24											1.0
BOM	BZ11721	284	EP	2138	6.63-0.21											1.0
BOM	BE11721	284	ES	2148	44.38 0.22											1.0
BOM	BZ11721	284	IAMs_20	2216	35.36				5135	26.8						
KKR	BZ11738	296	EP	2138	8.01 0.43											1.0
KKR	BE11738	296	ES	2148	45.62 0.66											1.0
SMLA	HZ11747	297	EP	2138	6.65-1.51											0.9
AJM	BZ11819	292	EP	2138	10.25-0.56											1.0
AJM	BZ11819	292	IAmb	2138	19.10				7	0.7						
AJM	BE11819	292	ES	2148	47.68-0.51											1.0
AJM	BN11819	292	IAMs_20	2211	26.60				5537	34.4						
BHK	BZ11828	298	EP	2138	11.18 0.07											1.0
BHK	BZ11828	298	IAmb	2138	14.21				19	0.6						
BHK	BE11828	298	ES	2148	48.60 0.14											1.0
UDPR	BZ11841	290	EP	2138	13.11 1.47											0.9
UDPR	BZ11841	290	IAmb	2138	14.98				10	0.7						
UDPR	BE11841	290	ES	2148	50.00 1.02											1.0
ALCI	BZ11850	301	EP	2138	11.41-0.83											1.0
ALCI	BN11850	301	ES	2148	50.47 0.74											1.0
ALCI	BZ11850	301	IAMs_20	2218	44.85				6936	35.6						
DHRM	HZ11863	298	EP	2138	12.57-0.71											1.0
DHRM	HZ11863	298	IAmb	2138	16.45				19	0.9						
DHRM	HE11863	298	ES	2148	49.85-1.31											0.9
BHV	BZ11892	287	EP	2138	13.94 0.28											1.0
BHV	BZ11892	287	IAmb	2138	18.88				10	0.8						
BHV	BE11892	287	ES	2148	50.66-0.30											1.0
THN	BZ11915	298	EP	2138	14.96 0.33											1.0
THN	BE11915	298	ES	2148	51.77-0.20											1.0
BKNR	BZ12001	293	EP	2138	18.53 0.51											1.0
BKNR	BE12001	293	ES	2148	55.55 0.33											1.0
JMU	BZ12013	298	EP	2138	18.11-0.38											1.0
JMU	BE12013	298	ES	2148	56.29 0.63											1.0
BHUJ	HZ12188	287	EP	2138	24.12-1.34											0.9
BHUJ	HZ12188	287	IAmb	2138	25.07				11	0.3						
BHUJ	HN12188	287	ES	2149	1.72-0.58											1.0
JASL	BZ12189	292	EP	2138	26.51 0.96											1.0
JASL	BZ12189	292	IAmb	2138	28.26				23	0.8						
JASL	BE12189	292	ES	2149	3.55 1.15											1.0

February 10 2021 Hour: 22:31 30.9 Lat: 36.82N Lon: 70.48E D: 50.0F Ag: NCS Local
Magnitudes: 4.2ML NCS Rms: 0.7 secs
Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	599	137	EP		2232	49.33	1.31							1.0
ALCI	BZ	673	113	EP		2232	57.61	0.33							1.0
ALCI	BE	673	113	ES		2234	0.57	0.26							1.0
ALCI	BE	673	113	IAML		2234	24.58			117	0.4				
THN	BZ	689	133	EP		2232	58.65	-0.33							1.0
THN	BE	689	133	ES		2234	4.02	0.77							1.0
DHRM	HZ	737	132	EP		2233	4.08	-1.51							1.0
DHRM	HN	737	132	ES		2234	14.57	-0.11							1.0
DHRM	HN	737	132	IAML		2235	20.15			341	0.8				
BHK	BZ	811	136	EP		2233	13.65	-0.25							1.0
BHK	BN	811	136	ES		2234	29.64	0.58							1.0
BHK	BN	811	136	IAML		2235	29.02			282	0.9				

SMLA	HZ	883	134	EP	2233	22.96-0.04				1.0
SMLA	HN	883	134	ES	2234	44.33-0.47				1.0
SMLA	HN	883	134	IAML	2235	50.14	106	1.0		
UTK	BZ	999	130	EP	2233	36.90-0.25				1.0
UTK	BN	999	130	ES	2235	8.64-0.64				1.0
UTK	BE	999	130	IAML	2235	51.50	186	0.6		
KUDL	HZ	1115	148	EP	2233	51.68 0.67				1.0
KUDL	HE	1115	148	ES	2235	32.93-0.32				1.0

February 10 2021 Hour: 23:45 15.1 Lat: 23.08S Lon: 171.79E D: 5.8 Ag: NCS Regional
Magnitudes: 5.8Mb NCS 5.7MW NCS Rms: 0.6 secs
Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PBA	HZ	9418	285	EP		2357	50.05	0.02							0.0
PBA	HN	9418	285	ES		24 8	12.90-0.48								1.0
SAIH	SZ	9904	295	EP		2358	11.49	0.26							1.0
SAIH	SN	9904	295	ES		24 8	41.11	0.43							1.0
IMP	SZ	9928	297	EP		2358	12.07-0.06								1.0
IMP	SE	9928	297	ES		24 8	43.96	2.13							0.9
MOKO	SZ	9949	299	EP		2358	13.57	0.12							1.0
MOKO	SE	9949	299	ES		24 8	43.43-0.31								1.0
KOHI	SZ	9956	298	EP		2358	13.85	0.02							1.0
KOHI	SE	9956	298	ES		24 8	43.71-0.53								1.0
AZL	SZ	9991	296	EP		2358	15.09	0.26							1.0
AZL	SE	9991	296	ES		24 8	44.17-1.08								1.0
JORH	SZ	9993	299	EP		2358	14.96	0.14							1.0
JORH	SN	9993	299	ES		24 8	44.51-0.75								1.0
ITAN	SZ10059	299	EP			2358	17.95	0.29							1.0
ITAN	SN10059	299	ES			24 8	48.49-0.39								1.0
ZIRO	SZ10066	300	EP			2358	18.30	0.38							1.0
ZIRO	SN10066	300	ES			24 8	50.03	0.84							1.0
TEZP	SZ10117	298	EP			2358	20.13	0.11							1.0
TEZP	SZ10117	298	I Amb			2358	23.18		55	0.9					
TEZP	SE10117	298	ES			24 8	52.46	0.68							1.0
AGT	SZ10131	295	EP			2358	21.66	1.03							1.0
AGT	SE10131	295	ES			24 8	51.37-1.12								1.0
SHL	HZ10141	297	EP			2358	21.12-0.43								1.0
SHL	HE10141	297	ES			24 8	53.81-0.10								1.0
GUWA	SZ10197	298	EP			2358	23.76	0.40							1.0
GUWA	SN10197	298	ES			24 8	56.37	0.46							1.0
COBR	BZ10405	297	EP			2358	32.17	0.23							1.0
BWNR	BZ10481	290	EP			2358	35.09-0.09								1.0
SHBG	BZ10526	295	EP			2358	37.57	0.63							1.0
SHBG	BE10526	295	ES			24 9	12.09-0.23								1.0
BOKR	HZ10627	293	EP			2358	41.11-0.07								1.0
BOKR	HN10627	293	ES			24 9	18.78	1.44							0.9
JMUI	BZ10644	295	EP			2358	41.42-0.33								1.0
RAGD	BZ10667	288	EP			2358	42.78-0.02								1.0
RAGD	BZ10667	288	I Amb			2358	46.02		14	0.7					
MDRS	HZ10730	281	EP			2358	45.71	0.28							1.0
VJD	BZ10830	285	EP			2358	49.07-0.33								1.0
VJD	BZ10830	285	I Amb			2358	50.17		8	0.5					
VJD	BN10830	285	ES			24 9	25.92-0.82								1.0
SALM	BZ10879	279	EP			2358	51.37-0.14								1.0
KOD	BZ10890	278	EP			2358	52.05-0.16								1.0
KOD	BE10890	278	ES			24 9	31.11	1.03							1.0
KNKR	BZ10900	289	EP			2358	52.38	0.14							1.0
KNKR	BZ10900	289	I Amb			2358	54.84		7	0.7					
KNKR	BN10900	289	ES			24 9	35.59	5.49							0.0
BLSP	BZ10909	291	EP			2358	52.47-0.08								1.0
VAR	BZ10960	294	EP			2358	53.91-0.33								1.0
VAR	BE10960	294	ES			24 9	33.33	0.60							1.0
VLK	BZ10962	296	EP			2358	53.99-0.35								1.0
VLK	BZ10962	296	I Amb			2358	54.93		41	0.2					

VLK	BE10962	296	ES	24	9	31.24-1.62										0.9
GKPR	BZ10979	295	EP	2358		54.18-0.79										1.0
ALBI	BZ11073	293	EP	2358		58.95 0.21										1.0
ALBI	BZ11073	293	IAmb	2358		59.27			7	0.4						
ALBI	BN11073	293	ES	24	9	38.96 1.16										1.0
HYB	HZ11074	285	EP	2358		58.69-0.18										1.0
HYB	HZ11074	285	IAmb	2358		59.33			8	0.3						
HYB	HN11074	285	ES	24	9	37.96-0.03										1.0
NGP	BZ11174	289	EP	2359		2.39-0.41										1.0
NGP	BE11174	289	ES	24	9	41.67-0.66										1.0
LKN	BZ11215	294	EP	2359		4.22-0.24										1.0
LATR	BZ11314	285	EP	2359		8.46 0.05										1.0
LATR	BZ11314	285	IAmb	2359		9.98			5	0.3						
LATR	BE11314	285	ES	24	9	49.00 0.55										1.0
AKL	BZ11354	287	EP	2359		10.02 0.05										1.0
JHNI	BZ11380	293	EP	2359		10.11-0.87										1.0
PTH	BZ11386	297	EP	2359		12.38 0.51										1.0
PTH	BE11386	297	ES	24	9	50.97-1.56										0.9
BHPL	HZ11411	290	EP	2359		12.17-0.06										1.0
BHPL	HE11411	290	ES	24	9	53.34 0.84										1.0
AYAN	BZ11630	295	EP	2359		21.16 0.14										1.0
AYAN	BN11630	295	ES	2410		1.31-0.38										1.0
UJWA	BZ11653	295	EP	2359		21.58-0.36										1.0
UJWA	BE11653	295	ES	2410		3.29 0.67										1.0
THN	BZ11884	299	EP	2359		30.72-0.45										1.0
THN	BZ11884	299	IAmb	2359		32.94			5	0.9						

February 11 2021 Hour: 0:14 44.1 Lat: 23.76S Lon: 171.78E D: 10.0F Ag: NCS Regional
Magnitudes: 5.6Ms NCS 5.9MW NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PBA	HZ	9437	285	EP		027	18.26-0.93								0.0
PBA	HE	9437	285	ES		037	43.39 1.15								1.0
SAIH	SN	9935	295	ES		038	9.83-0.27								1.0
IMP	SZ	9961	297	EP		027	42.49 0.63								1.0
IMP	SE	9961	297	ES		038	11.24-0.17								1.0
MOKO	SZ	9984	299	EP		027	44.37 1.13								1.0
MOKO	SN	9984	299	ES		038	13.01-0.39								1.0
KOHI	SZ	9991	298	EP		027	44.36 0.77								1.0
AZL	SZ10023	296	EP			027	46.09 1.62								0.9
AZL	SN10023	296	ES			038	14.39-0.32								1.0
ITAN	SZ10095	299	EP			027	49.18 1.71								0.9
ITAN	SE10095	299	ES			038	17.97-0.56								1.0
ZIRO	SZ10103	300	EP			027	49.64 1.90								0.9
ZIRO	SN10103	300	ES			038	18.48-0.38								1.0
TEZP	SZ10152	298	EP			027	51.02 1.24								1.0
TEZP	SE10152	298	ES			038	21.24-0.13								1.0
AGT	SE10162	295	ES			038	21.61-0.28								1.0
SHL	HZ10174	297	EP			027	52.86 1.61								0.9
SHL	HE10174	297	ES			038	23.39-0.03								1.0
GUWA	SZ10231	298	EP			027	53.51 0.43								1.0
GUWA	SE10231	298	ES			038	25.30-0.13								1.0
COBR	BZ10438	297	EP			028	0.99-0.62								1.0
COBR	BE10438	297	ES			038	34.61-1.17								1.0
BWNR	BZ10506	290	EP			028	5.05 0.54								1.0
BWNR	BE10506	290	ES			038	39.25 0.12								1.0
RAGD	BZ10690	288	IAms_20			044	34.11			1868	24.3				
MDRS	HZ10744	281	EP		C	028	14.21-0.08								1.0
MDRS	HZ10744	281	IAms_20			044	6.37			2686	19.3				
VJD	BZ10848	285	EP			028	17.53-0.91								1.0
SALM	BZ10890	279	EP			028	20.75 0.48								1.0
SALM	BZ10890	279	IAms_20			040	44.86			2728	16.8				
KNKR	BZ10923	288	EP			028	22.65 1.18								1.0
BLSP	BZ10934	290	EP			028	23.29 1.42								0.9

BLSP	BE10934	290	ES	039	0.45	1.04								1.0
VAR	BZ10989	294	EP	028	23.17	-0.54								1.0
VLK	BZ10994	296	EP	028	22.80	-1.12								1.0
VLK	BE10994	296	ES	039	2.13	0.04								1.0
GKPR	BZ11010	295	EP	028	24.33	-0.19								1.0
GKPR	BE11010	295	ES	039	2.35	-0.39								1.0
HYB	HZ11092	285	EP	028	26.75	-1.15								1.0
HYB	HN11092	285	ES	039	7.38	0.80								1.0
ALBI	BZ11102	293	EP	028	26.39	-1.80								0.0
ALBI	BN11102	293	ES	039	7.00	0.14								1.0
NGP	BZ11196	288	EP	028	31.72	-0.30								1.0
NGP	BZ11196	288	IAMs_20	044	23.59		2996	27.3						
LKN	BZ11245	294	EP	028	34.63	0.67								1.0
AKL	BZ11375	287	EP	028	38.37	-0.76								1.0
AKL	BZ11375	287	IAMs_20	051	38.38		1336	18.1						
JHNI	BZ11408	292	EP	028	39.55	-0.84								1.0
PTH	BZ11419	297	EP	028	41.54	0.05								1.0
PTH	BE11419	297	ES	039	21.65	-0.05								1.0
BHPL	HZ11435	290	EP	028	40.56	-0.96								1.0
BHPL	HZ11435	290	IAMB	028	40.69		9	0.1						
BHPL	HZ11435	290	IAMs_20	045	37.88		1423	19.4						
KAD	BZ11520	283	EP	028	44.81	-0.09								1.0
KAD	BZ11520	283	IAMs_20	039	59.10		2469	32.2						
SONA	BZ11657	295	EP	028	48.41	-1.99								0.0
AYAN	BZ11660	295	EP	028	50.06	-0.49								1.0
AYAN	BE11660	295	ES	039	30.84	0.12								1.0
UJWA	BZ11684	295	IAMs_20	051	37.24		2825	39.4						
BOM	BZ11717	284	EP	028	52.77	0.02								1.0
SMLA	HZ11751	297	EP	028	53.87	-0.50								1.0
SMLA	HE11751	297	ES	039	33.55	-1.19								1.0
CGRH	BZ11777	297	EP	028	54.64	-0.53								1.0
AJM	BZ11820	292	EP	028	56.27	-0.63								1.0
AJM	BZ11820	292	IAMB	028	57.73		8	0.5						
AJM	BE11820	292	ES	039	37.18	0.07								1.0
AJM	BZ11820	292	IAMs_20	050	36.45		1460	21.1						
BHK	BZ11832	297	EP	028	56.70	-0.63								1.0
BHK	BE11832	297	ES	039	38.28	0.79								1.0
DHRM	HZ11867	298	EP	028	58.62	-0.90								1.0
DHRM	HE11867	298	ES	039	40.21	-0.01								1.0
BHV	BZ11890	287	EP	028	59.57	-0.06								1.0
BHV	BZ11890	287	IAMs_20	054	14.17		1813	24.4						
THN	BZ11919	298	EP	028	59.45	-1.42								0.9
THN	BE11919	298	ES	039	42.40	1.37								0.9
THN	BZ11919	298	IAMs_20	054	0.23		1362	21.0						
BKNR	BZ12002	293	EP	029	3.79	-0.35								1.0
JASL	BZ12189	291	EP	029	10.29	-1.34								0.9
JASL	BZ12189	291	IAMs_20	049	7.76		2107	23.9						

February 11 2021 Hour: 4:14 8.7 F Lat: 22.93S Lon: 171.20WD: 10.0F Ag: NCS Regional
Magnitudes: 5.9MW NCS Rms: 0.5 secs
Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IMP	SZ11511	291	EP			428	9.22	0.11							1.0
MOKO	SZ11511	293	EP			428	9.41	-0.16							1.0
IMP	SN11511	291	ES			438	49.73	0.67							1.0
SAIH	SZ11517	289	EP			428	9.03	-0.42							1.0
SAIH	SE11517	289	ES			438	49.11	-0.35							1.0
KOHI	SZ11527	292	EP			428	10.40	0.09							1.0
KOHI	SZ11527	292	IAMB			428	13.11		28	0.8					
KOHI	SN11527	292	ES			438	51.16	0.50							1.0
AZL	SZ11592	290	EP			428	12.75	0.37							1.0
AZL	SZ11592	290	IAMB			428	13.91		34	0.9					
AZL	SE11592	290	ES			438	52.00	-0.47							1.0
ITAN	SZ11615	294	EP			428	13.14	-0.17							1.0

ITAN	SE11615	294	ES	438	54.72	1.29									0.9
ZIRO	SZ11616	294	EP	428	13.36	0.02									1.0
ZIRO	SZ11616	294	IAmb	428	13.82				18	0.4					
ZIRO	SN11616	294	ES	438	52.11	-1.32									0.9
SILR	SZ11618	291	EP	428	13.37	-0.01									1.0
SILR	SZ11618	291	IAmb	428	14.47				31	0.4					
SILR	SN11618	291	ES	438	53.28	-0.17									1.0
TEZP	SZ11683	293	EP	428	16.03	0.04									1.0
BELO	SZ11694	289	EP	428	16.66	0.25									1.0
BELO	SZ11694	289	IAmb	428	17.38				132	0.2					
BELO	SN11694	289	ES	438	56.04	-0.50									1.0
GUWA	SZ11774	292	EP	428	19.80	0.21									1.0

February 11 2021 Hour: 6:52 33.1 Lat: 23.61S Lon: 171.49E D: 7.4 Ag: NCS Regional
Magnitudes: 5.8Ms NCS 6.0MW NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SAIH	SZ	9902	295	EP		7 5	28.83	-0.03							1.0
SAIH	SE	9902	295	ES		715	58.77	0.70							1.0
IMP	SZ	9928	297	EP		7 5	30.08	0.20							1.0
IMP	SN	9928	297	ES		715	58.97	-0.41							1.0
MOKO	SZ	9951	299	EP		7 5	31.41	0.14							1.0
MOKO	SN	9951	299	ES		716	1.57	0.19							1.0
KOHI	SZ	9957	298	EP		7 5	31.91	0.29							1.0
KOHI	SN	9957	298	ES		716	1.57	-0.27							1.0
AZL	SZ	9989	296	EP		7 5	32.53	0.02							1.0
AZL	SN	9989	296	ES		716	0.07	-2.63							0.8
JORH	SZ	9995	299	EP		7 5	33.66	1.01							1.0
JORH	SE	9995	299	ES		716	4.20	1.28							0.9
SILR	SZ10030	297	EP			7 5	34.81	0.70							1.0
SILR	SN10030	297	ES			716	3.30	-1.41							0.9
ITAN	SZ10062	299	EP			7 5	35.89	0.39							1.0
ITAN	SN10062	299	ES			716	7.19	0.65							1.0
ZIRO	SZ10069	300	EP			7 5	36.27	0.49							1.0
ZIRO	SN10069	300	ES			716	8.14	1.26							0.9
BELO	SZ10080	295	EP			7 5	36.03	-0.23							1.0
BELO	SE10080	295	ES			716	5.09	-2.29							0.8
TEZP	SZ10119	299	EP			7 5	37.78	-0.04							1.0
TEZP	SE10119	299	ES			716	9.24	-0.16							1.0
AGT	SZ10129	296	EP			7 5	37.86	-0.43							1.0
AGT	SN10129	296	ES			716	8.78	-1.14							1.0
SHL	HZ10141	297	EP			7 5	39.14	-0.15							1.0
SHL	HE10141	297	ES			716	12.36	0.91							1.0
GUWA	SZ10198	298	EP			7 5	41.12	-0.00							1.0
GUWA	SE10198	298	ES			716	13.86	0.38							1.0
CAL	BZ10338	293	EP			7 5	48.06	1.11							1.0
CAL	BN10338	293	ES			716	19.87	-0.66							1.0
BWNR	BZ10473	290	EP			7 5	52.11	-0.47							1.0
BWNR	BE10473	290	ES			716	26.85	-0.42							1.0
JPG	BZ10485	297	EP			7 5	52.58	-0.38							1.0
BOKR	HZ10623	293	EP			7 5	58.94	0.20							1.0
JMUI	BZ10641	295	EP			7 5	58.89	-0.47							1.0
JMUI	BE10641	295	ES			716	34.84	-0.53							1.0
RAGD	BZ10657	288	EP			7 5	58.96	-1.16							1.0
RAGD	BE10657	288	ES			716	37.10	0.93							1.0
GAYA	BZ10728	294	EP			7 6	2.98	0.07							1.0
GAYA	BE10728	294	ES			716	41.81	2.30							0.8
VJD	BZ10816	285	EP			7 6	6.28	-0.29							1.0
TRVM	HZ10846	276	EP			7 6	7.73	-0.15							1.0
TRVM	HN10846	276	ES			716	45.84	0.81							1.0
SALM	BZ10859	279	EP			7 6	8.09	-0.35							1.0
SALM	BE10859	279	ES			716	45.55	-0.20							1.0
SALM	BZ10859	279	IAMs_20			747	44.19				5809	24.5			
KOD	BZ10868	278	EP			7 6	8.62	-0.46							1.0

KOD	BN10868	278	ES	716	47.06	0.45			1.0
KOD	BZ10868	278	IAMs_20	747	41.09		6299	27.5	
BLSP	BZ10901	291	EP	7	6	7.70-2.29			0.8
BLSP	BE10901	291	ES	716	48.08	0.42			1.0
BLSP	BZ10901	291	IAMs_20	748	59.80		3026	27.5	
VAR	BZ10956	294	EP	7	6	12.39	0.57		1.0
VLK	BZ10961	296	EP	7	6	12.39	0.37		1.0
VLK	BE10961	296	ES	716	51.21	0.87			1.0
GKPR	BZ10977	295	EP	7	6	12.40-0.22			1.0
GKPR	BE10977	295	ES	716	50.09-0.90				1.0
HYB	HZ11060	285	EP	7	6	15.66-0.38			1.0
HYB	HE11060	285	ES	716	55.45	0.55			1.0
HYB	HZ11060	285	IAMs_20	748	50.27		3655	33.9	
ALBI	BZ11069	293	EP	7	6	16.66	0.36		1.0
ALBI	BN11069	293	ES	716	54.96-0.18				1.0
NGP	BZ11164	289	EP	7	6	20.75	0.61		1.0
NGP	BE11164	289	ES	717	0.06	0.63			1.0
FRKB	BZ11360	295	EP	7	6	28.18	0.20		1.0
FRKB	BE11360	295	ES	717	5.10-2.85				0.7
BHPL	HZ11402	290	EP	7	6	30.29	0.66		1.0
BHPL	HE11402	290	ES	717	10.78	1.10			1.0
BHPL	HZ11402	290	IAMs_20	746	59.21		4451	35.0	
NRDN	BZ11456	289	EP	7	6	32.02	0.24		1.0
NRDN	BE11456	289	ES	717	11.47-0.48				1.0
KAD	BE11488	283	ES	717	15.25	1.97			0.9
AGRA	BZ11496	294	EP	7	6	32.84-0.51			1.0
AGRA	BE11496	294	ES	717	13.69	0.12			1.0
UNCH	BZ11532	295	EP	7	6	35.41	0.57		1.0
UNCH	BN11532	295	ES	717	14.82-0.35				1.0
ASOR	BZ11578	295	EP	7	6	36.18-0.50			1.0
ASOR	BE11578	295	ES	717	16.52-0.58				1.0
JMIU	BZ11616	295	EP	7	6	37.49-0.64			1.0
JMIU	BN11616	295	ES	717	17.48-1.06				1.0
LDR	HZ11622	295	EP	7	6	37.88-0.51			1.0
SONA	BZ11624	295	EP	7	6	40.08	1.58		0.9
NPL	BZ11629	295	EP	7	6	38.33-0.33			1.0
UJWA	BZ11651	295	EP	7	6	40.58	1.00		1.0
KUDL	HZ11674	294	EP	7	6	40.09-0.36			1.0
KUDL	HE11674	294	ES	717	21.62	0.71			1.0
SMLA	HZ11717	298	EP	7	6	43.43	0.96		1.0
SMLA	HE11717	298	ES	717	23.12-0.04				1.0
CGRH	BZ11744	297	EP	7	6	41.99-1.27			0.9
AJM	BZ11787	292	EP	7	6	44.81-0.20			1.0
AJM	BE11787	292	ES	717	25.36-0.19				1.0
AJM	BZ11787	292	IAMs_20	749	26.23		3624	34.3	
UDPR	BZ11808	290	EP	7	6	44.81-0.99			1.0
UDPR	BE11808	290	ES	717	25.30-1.00				1.0
ALCI	BZ11823	301	EP	7	6	46.47-0.15			1.0
DHRM	HZ11834	298	EP	7	6	47.90	0.28		1.0
DHRM	HE11834	298	ES	717	28.42-0.24				1.0
JASL	BZ12157	292	EP	7	7	0.21	0.47		1.0

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PBA	HZ	9422	285	EP		731	15.73	0.02							1.0
SAIH	SZ	9918	295	EP		731	37.13	-0.20							1.0
IMP	SZ	9944	297	EP		731	38.40	0.06							1.0
IMP	SN	9944	297	ES		742	6.79	-0.10							1.0
IMP	SZ	9944	297	IAMs_20		753	29.86			3770	24.7				
MOKO	SE	9967	299	EP		731	39.74	0.02							1.0
MOKO	SE	9967	299	ES		742	9.36	0.48							1.0
KOHI	SZ	9974	298	EP		731	39.78	-0.30							1.0

AZL	SZ10006	296	EP	731	41.19	0.22										1.0
ITAN	SZ10078	299	EP	731	43.57	-0.39										1.0
ZIRO	SZ10086	300	EP	731	43.82	-0.41										1.0
TEZP	SZ10135	299	EP	731	47.32	1.05										1.0
TEZP	SE10135	299	ES	742	15.70	-1.17										1.0
SHL	HZ10158	297	EP	731	47.75	0.01										1.0
GUWA	SZ10214	298	EP	731	52.10	2.52										0.0
GUWA	SN10214	298	ES	742	21.67	0.72										1.0
COBR	BZ10421	297	EP	731	57.81	-0.31										1.0
COBR	BZ10421	297	IAMs_20	747	8.53				3057	29.3						
BWNR	BZ10490	290	EP	732	1.18	0.13										1.0
BOKR	HZ10639	293	EP	732	7.78	0.59										1.0
GAYA	BZ10744	294	EP	732	10.92	-0.43										1.0
GAYA	BZ10744	294	IAMs_20	746	13.69				2901	24.7						
BLSP	BZ10918	290	EP	732	18.30	-0.13										1.0
BLSP	BZ10918	290	IAMs_20	749	2.58				2653	24.5						
AKL	BZ11360	287	EP	732	35.57	-0.14										1.0
AKL	BZ11360	287	IAMs_20	746	38.26				2130	20.0						
HNLV	BZ11631	300	EP	732	46.30	-0.39										1.0
RTK	BZ11729	295	EP	732	50.28	-0.19										1.0
THN	BZ11902	298	EP	732	58.00	0.61										1.0
THN	BZ11902	298	IAMs_20	757	3.81				2412	22.1						
SRIN	BZ12044	300	EP	733	3.28	0.26										1.0

February 11 2021 Hour: 7:23 5.5 Lat: 23.61S Lon: 171.53E D: 10.0F Ag: NCS Regional
Magnitudes: 5.7MW NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SAIH	SZ	9905	295	EP		736	1.72	0.72							1.0
IMP	SZ	9931	297	EP		736	2.55	0.54							1.0
MOKO	SZ	9954	299	EP		736	3.51	0.11							1.0
AZL	SZ	9993	296	EP		736	5.41	0.77							1.0
AZL	SE	9993	296	ES		746	33.87	-0.68							1.0
ITAN	SZ10065	299	EP			736	7.43	-0.20							1.0
ZIRO	SZ10073	300	EP			736	7.85	-0.06							1.0
TEZP	SZ10122	299	EP			736	9.79	-0.16							1.0
TEZP	SN10122	299	ES			746	41.94	0.71							1.0
SHL	HZ10144	297	EP			736	11.24	-0.18							1.0
GUWA	SZ10201	298	EP			736	13.58	0.33							1.0
GUWA	SN10201	298	ES			746	44.99	-0.33							1.0
GUNA	BZ11468	291	EP			737	4.03	-0.27							1.0
AJM	BZ11790	292	EP			737	16.73	-0.41							1.0
ALCI	BZ11826	301	EP			737	17.88	-0.86							1.0

February 11 2021 Hour: 8:4 50.0 Lat: 23.09N Lon: 94.65E D: 50.0F Ag: NCS Local
Magnitudes: 3.7ML NCS 3.8MW NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SAIH	SZ	183	249	EP		8 5	15.90	-0.49							1.0
SAIH	SN	183	249	ES		8 5	35.58	-0.09							1.0
IMP	SZ	206	340	EP	*	8 5	24.77	5.70							0.0
IMP	SN	206	340	ES		8 5	46.12	0.11							1.0
IMP	SN	206	340	IAML		8 5	51.40			185	0.3				
AZL	SZ	213	290	EP		8 5	20.80	0.84							1.0
AZL	SN	213	290	ES		8 5	41.75	-0.10							1.0
KOHI	SZ	296	349	EP		8 5	30.09	-0.56							1.0
KOHI	SN	296	349	ES		8 6	0.31	-0.03							1.0
BELO	SZ	328	274	EP		8 5	33.96	-0.02							1.0
BELO	SN	328	274	ES		8 6	6.35	0.25							1.0
SHL	HZ	385	316	EP		8 5	41.72	0.31							1.0
TEZP	SZ	433	335	EP		8 5	46.84	0.05							1.0
TEZP	SN	433	335	ES		8 6	28.90	0.63							1.0
TEZP	SN	433	335	IAML		8 6	32.78			653	0.2				
TEZP	SE	433	335	IAML		8 6	32.98			547	0.2				

GUWA	SZ	456	320	EP	8	5	49.90	0.35								1.0
GUWA	SE	456	320	ES	8	6	31.92	-1.12								1.0

February 11 2021 Hour: 8:22 7.4 Lat: 22.92S Lon: 171.06E D: 6.3 Ag: NCS Regional
Magnitudes: 5.8Mb NCS 5.9MW NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SAIH	SZ	9829	295	EP		835	0.58	0.27							1.0
SAIH	SN	9829	295	ES		845	29.18	0.37							1.0
MOKO	SZ	9875	299	EP		835	2.25	-0.34							1.0
MOKO	SZ	9875	299	IAmb		835	7.05			105	1.2				
MOKO	SE	9875	299	ES		845	31.22	-0.75							1.0
KOHI	SZ	9882	298	EP		835	3.27	0.30							1.0
KOHI	SZ	9882	298	IAmb		835	6.90			28	0.5				
KOHI	SN	9882	298	ES		845	33.16	0.70							1.0
AZL	SZ	9916	296	EP		835	3.87	-0.07							1.0
AZL	SN	9916	296	ES		845	33.39	-0.06							1.0
ITAN	SZ	9986	300	EP		835	7.40	0.56							1.0
ITAN	SE	9986	300	ES		845	35.99	-1.19							1.0
ZIRO	SZ	9993	300	EP		835	6.78	-0.32							1.0
ZIRO	SN	9993	300	ES		845	37.57	0.06							1.0
BELO	SZ	10008	295	EP		835	7.87	0.13							1.0
BELO	SN	10008	295	ES		845	38.26	0.04							1.0
TEZP	SZ	10043	299	EP		835	9.67	0.48							1.0
TEZP	SZ	10043	299	IAmb		835	13.69			34	0.9				
TEZP	SE	10043	299	ES		845	39.93	-0.18							1.0
AGT	SZ	10056	296	EP		835	9.87	0.11							1.0
AGT	SN	10056	296	ES		845	41.59	0.82							1.0
SHL	HZ	10067	298	EP		835	10.71	0.01							1.0
SHL	HE	10067	298	ES		845	41.51	-0.72							1.0
GUWA	SZ	10123	298	EP		835	12.54	0.01							1.0
GUWA	SE	10123	298	ES		845	42.30	-1.98							0.9
CAL	BZ	10267	293	EP		835	18.53	-0.00							1.0
CAL	BE	10267	293	ES		845	53.59	1.98							0.9
COBR	BZ	10330	297	EP		835	20.74	-0.38							1.0
COBR	BN	10330	297	ES		845	55.68	0.84							1.0
BWNR	BZ	10405	290	EP		835	24.43	0.13							1.0
BWNR	BE	10405	290	ES		845	58.78	0.21							1.0
BOKR	HZ	10552	294	EP		835	30.61	0.26							1.0
BOKR	HZ	10552	294	IAmb		835	35.56			15	0.9				
BOKR	HE	10552	294	ES		846	5.53	-0.36							1.0
TRVM	HZ	10794	276	EP		835	40.58	0.29							1.0
TRVM	HN	10794	276	ES		846	16.67	-0.59							1.0
BLSP	BZ	10833	291	EP		835	41.39	-0.37							1.0
BLSP	BZ	10833	291	IAmb		835	44.17			12	0.2				
BLSP	BE	10833	291	ES		846	19.93	0.77							1.0
POO	HZ	11507	285	EP		836	7.24	-1.15							1.0

February 11 2021 Hour: 19:33 56.8 Lat: 37.19N Lon: 72.15E D:308.1 Ag: NCS Local
Magnitudes: 4.3ML NCS 4.6MW NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	546	153	EP		1935	15.42	0.39							1.0
JMU	BE	546	153	ES		1936	12.40	0.30							1.0
JMU	BN	546	153	IAML		1936	15.95			536	0.3				
ALCI	BN	562	124	ES		1936	15.59	0.18							1.0
ALCI	BE	562	124	IAML		1936	17.42			329	0.4				
TSSA	BZ	605	142	EP		1935	21.69	-0.32							1.0
TSSA	BE	605	142	ES		1936	22.30	-1.88							1.0
TSSA	BE	605	142	IAML		1936	24.99			486	0.3				
TSSA	BN	605	142	IAML		1936	25.03			574	0.4				
THN	BZ	623	147	EP		1935	24.09	0.65							1.0
THN	BN	623	147	ES		1936	26.53	-0.12							1.0
THN	BN	623	147	IAML		1936	29.59			473	0.3				

DHRM	HZ	667	144	EP	1935	28.22	-0.72									1.0
DHRM	HE	667	144	ES	1936	36.11	-0.06									1.0
DHRM	HE	667	144	IAML	1936	38.51			734	0.4						
BHK	BZ	751	148	EP	1935	38.87	1.27									1.0
BHK	BN	751	148	ES	1936	52.40	1.25									1.0
BHK	BE	751	148	IAML	1936	56.11			196	0.3						
SMLA	HZ	816	144	EP	1935	43.81	-1.43									1.0
SMLA	HE	816	144	ES	1937	4.73	0.37									1.0
SMLA	HN	816	144	IAML	1937	6.98			218	0.5						
KLP	BZ	840	136	EP	1935	49.18	0.77									1.0
KLP	BN	840	136	ES	1937	9.72	-0.13									1.0
KLP	BN	840	136	IAML	1937	15.43			176	0.3						
KUDL	HZ	1082	157	EP	1936	14.67	-1.07									1.0
KUDL	HE	1082	157	ES	1937	57.28	0.15									1.0
KUDL	HE	1082	157	IAML	1937	59.25			47	0.6						
ALCI	BZ	562	124	EP	1935	17.37	0.43									1.0

February 12 2021 Hour: 2:31 50.0 Lat: 29.89N Lon: 69.93E D: 14.9 Ag: NCS Local
Magnitudes: 3.9ML NCS 3.9MW NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THN	BZ	627	62	EP		233	13.06	0.44							1.0
THN	BE	627	62	ES		234	12.79	-0.13							1.0
THN	BE	627	62	IAML		234	16.14			155	0.4				
BHK	BZ	640	73	EP		233	13.56	-0.60							1.0
BHK	BN	640	73	ES		234	16.19	0.60							1.0
BHK	BN	640	73	IAML		234	19.71			205	0.3				
DHRM	HZ	662	65	EP		233	18.07	0.49							1.0
DHRM	HN	662	65	ES		234	22.53	1.03							1.0
DHRM	HN	662	65	IAML		234	25.59			295	0.6				
DHRM	HE	662	65	IAML		234	25.70			199	0.2				
TSSA	BZ	676	60	EP		233	19.08	-0.07							1.0
TSSA	BN	676	60	ES		234	22.96	-1.25							1.0
TSSA	BN	676	60	IAML		234	27.18			193	0.2				
TSSA	BE	676	60	IAML		234	27.18			151	0.2				
UDPR	BZ	697	147	EP		233	21.43	0.32							1.0
UDPR	BE	697	147	ES		234	27.48	-0.13							1.0
UDPR	BE	697	147	IAML		234	32.92			59	0.3				
SMLA	HZ	709	77	EP		233	23.03	0.25							1.0
SMLA	HN	709	77	ES		234	31.40	0.90							1.0
SMLA	HE	709	77	IAML		234	33.18			161	0.3				
SMLA	HN	709	77	IAML		234	33.26			159	0.3				
UTK	BZ	824	81	EP		233	36.03	-0.82							1.0
UTK	BN	824	81	ES		234	53.83	-1.02							1.0
UTK	BE	824	81	IAML		234	56.19			49	0.4				

February 12 2021 Hour: 10: 6 1.0 Lat: 23.22S Lon: 171.36E D: 8.0 Ag: NCS Regional
Magnitudes: 5.9MW NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PBA	HZ	9380	285	EP		1018	34.19	0.36							1.0
DGPR	HZ	9432	287	EP		1018	36.68	0.48							1.0
IMP	SZ	9896	298	EP		1018	56.38	0.06							1.0
IMP	SE	9896	298	ES		1029	25.05	-0.33							1.0
MOKO	SZ	9917	299	EP		1018	58.07	0.39							1.0
KOHI	SZ	9925	298	EP		1018	58.07	0.02							1.0
AZL	SZ	9958	296	EP		1019	0.33	1.34							0.9
AZL	SE	9958	296	ES		1029	29.48	0.72							1.0
JORH	SZ	9962	299	EP		1018	58.60	-0.46							1.0
SILR	SZ	9997	297	EP		1019	1.45	0.88							1.0
ITAN	SZ	10029	299	EP		1019	2.40	0.48							1.0
ZIRO	SZ	10036	300	EP		1019	3.03	0.85							1.0
ZIRO	SN	10036	300	ES		1029	33.21	0.37							1.0
BELO	SZ	10049	295	EP		1019	4.14	1.37							0.9

TEZP	SZ10086	299	EP	1019	4.71	0.46	1.0
TEZP	SE10086	299	ES	1029	34.72	-0.69	1.0
AGT	SZ10098	296	EP	1019	5.90	1.11	1.0
AGT	SN10098	296	ES	1029	35.14	-0.89	1.0
GUWA	SZ10165	298	EP	1019	8.10	0.52	1.0
GUWA	SE10165	298	ES	1029	39.52	-0.02	1.0
CAL	BZ10308	293	EP	1019	14.06	0.54	1.0
CAL	BN10308	293	ES	1029	46.44	-0.32	1.0
COBR	BZ10373	297	EP	1019	15.97	-0.18	1.0
BWNR	BZ10445	290	EP	1019	19.47	0.23	1.0
JPG	BZ10453	297	EP	1019	19.39	-0.06	1.0
JMUI	BZ10610	295	EP	1019	26.92	1.00	1.0
JMUI	BE10610	295	ES	1030	1.44	-0.19	1.0
RAGD	BZ10630	288	EP	1019	26.92	0.09	1.0
RAGD	BN10630	288	ES	1030	2.42	-0.19	1.0
MDRS	HZ10690	281	EP	1019	26.74	-2.60	0.8
GAYA	BZ10697	294	EP	1019	28.48	-1.00	1.0
VJD	BZ10791	285	EP	1019	33.53	0.14	1.0
TRVM	HZ10828	276	EP	1019	34.96	0.01	1.0
SALM	BZ10838	279	EP	1019	35.44	0.03	1.0
KOD	BZ10849	278	EP	1019	36.57	0.48	1.0
KOD	BE10849	278	ES	1030	13.85	0.42	1.0
BLSP	BZ10873	291	EP	1019	36.12	-0.54	1.0
VAR	BZ10926	294	EP	1019	38.30	-0.39	1.0
VLK	BZ10929	296	EP	1019	39.67	0.87	1.0
VLK	BN10929	296	ES	1030	14.88	-1.75	0.9
GKPR	BZ10945	295	EP	1019	38.58	-0.61	1.0
GKPR	BN10945	295	ES	1030	17.17	-0.14	1.0
HYB	HZ11036	285	EP	1019	42.43	-0.44	1.0
ALBI	BZ11039	294	EP	1019	43.40	0.49	1.0
ALBI	BE11039	294	ES	1030	21.94	0.42	1.0
NGP	BZ11137	289	EP	1019	47.09	0.22	1.0
LATR	BZ11275	285	EP	1019	52.70	0.29	1.0
JHNI	BZ11345	293	EP	1019	54.11	-1.02	1.0
PTH	BZ11354	297	EP	1019	55.58	-0.54	1.0
BHPL	HZ11374	290	EP	1019	56.00	-0.33	1.0
BHPL	HE11374	290	ES	1030	37.49	1.26	0.9
NRDN	BZ11429	289	EP	1019	58.95	0.45	1.0
TKRD	BZ11461	296	EP	1019	59.03	-0.79	1.0
TKRD	BE11461	296	ES	1030	40.46	0.52	1.0
KAD	BZ11465	283	EP	1020	0.76	0.84	1.0
ASOR	BZ11546	296	EP	1020	2.65	-0.59	1.0
UTK	BZ11556	298	EP	1020	3.31	-0.50	1.0
LDR	HZ11591	295	EP	1020	3.17	-1.79	0.9
SONA	BZ11594	295	EP	1020	4.73	-0.35	1.0
NDI	HZ11596	295	EP	1020	5.28	0.13	1.0
NDI	HE11596	295	ES	1030	46.25	0.80	1.0
KLP	BZ11602	298	EP	1020	6.24	0.22	1.0
BOM	BZ11661	284	EP	1020	8.04	0.30	1.0
KKR	BZ11677	296	EP	1020	7.31	-1.10	1.0
KKR	BN11677	296	ES	1030	50.97	2.14	0.9
RTK	BZ11682	295	EP	1020	7.02	-1.58	0.9
RTK	BE11682	295	ES	1030	47.78	-1.23	1.0
SMLA	HZ11685	298	EP	1020	9.33	0.34	1.0
SMLA	HE11685	298	ES	1030	49.61	0.03	1.0
AJM	BZ11757	292	EP	1020	10.87	-0.78	1.0
AJM	BE11757	292	ES	1030	50.96	-1.15	1.0
UDPR	BZ11780	290	EP	1020	13.11	0.61	1.0
UDPR	BE11780	290	ES	1030	53.80	0.89	1.0
BHV	BZ11832	287	EP	1020	13.83	-0.71	1.0
TSSA	BZ11835	299	EP	1020	13.97	-1.38	0.9
SRIN	BZ11994	300	EP	1020	22.50	1.43	0.9
BHUJ	HZ12127	288	EP	1020	25.27	-1.07	1.0

February 12 2021 Hour: 10:15 19.6 Lat: 38.28N Lon: 73.44E D:100.0F Ag: NCS Local
Magnitudes: 4.3ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TSSA	BZ	652	157	EP		1016	44.33	0.33							1.0
TSSA	BE	652	157	ES		1017	45.88	0.24							1.0
TSSA	BN	652	157	IAML		1017	50.01			534	0.4				
THN	BZ	683	161	EP		1016	48.79	1.72							1.0
THN	BE	683	161	ES		1017	51.12	0.16							1.0
DHRM	HZ	718	158	EP		1016	53.56	1.48							1.0
DHRM	HE	718	158	ES		1017	59.83	0.21							1.0
DHRM	HN	718	158	IAML		1018	5.11			506	0.3				
DHRM	HE	718	158	IAML		1018	5.28			312	0.4				
HNLY	BZ	790	139	EP		1017	0.37	0.25							1.0
HNLY	BN	790	139	ES		1018	13.81	0.28							1.0
BHK	BZ	810	160	EP		1017	2.10	-0.24							1.0
BHK	BE	810	160	ES		1018	18.34	0.96							1.0
SMLA	HZ	864	156	EP		1017	9.13	-0.01							1.0
SMLA	HE	864	156	ES		1018	28.58	-0.56							1.0
SMLA	HN	864	156	IAML		1018	31.49			225	0.4				
SMLA	HE	864	156	IAML		1018	31.57			210	0.3				
KLP	BZ	867	148	EP		1017	9.61	-0.26							1.0
KLP	BN	867	148	ES		1018	29.91	-0.48							1.0
KLP	BN	867	148	IAML		1018	35.49			158	0.3				
KLP	BE	867	148	IAML		1018	36.05			287	0.5				
PTH	BZ	1148	145	EP		1017	43.14	-0.64							1.0
PTH	BN	1148	145	ES		1019	28.36	-0.71							1.0
KUDL	HZ	1160	165	EP		1017	43.95	-0.54							1.0
KUDL	HE	1160	165	ES		1019	30.26	-0.03							1.0
NRDN	BZ	1797	170	EP		1018	58.26	-3.09							0.8
NRDN	BE	1797	170	ES		1021	43.00	-0.26							0.8

February 12 2021 Hour: 17: 1 33.7 Lat: 38.08N Lon: 73.70E D:100.0F Ag: NCS Local
Magnitudes: 6.4ML NCS 6.1MW NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DHRM	HZ	689	159	EP		17 3	4.16	1.47							1.0
DHRM	HE	689	159	ES		17 4	7.16	-0.48							1.0
SMLA	HZ	834	157	EP		17 3	19.87	0.18							1.0
SMLA	HN	834	157	ES		17 4	36.70	-0.36							1.0
SMLA	HE	834	157	IAML		17 4	40.44			52282	0.4				
KLP	BZ	836	149	EP		17 3	21.07	0.80							1.0
KLP	BN	836	149	ES		17 4	36.85	-1.21							1.0
KLP	BN	836	149	IAML		17 4	44.19			26642	0.7				
SRGN	BZ	904	179	EP		17 3	29.11	1.19							1.0
SRGN	BN	904	179	ES		17 4	51.60	0.30							1.0
SRGN	BN	904	179	IAML		17 4	53.84			49938	0.4				
SRGN	BE	904	179	IAML		17 4	54.25			60746	0.4				
UTK	BZ	924	150	EP		17 3	30.48	-0.04							1.0
UTK	BN	924	150	ES		17 4	57.35	1.56							1.0
UTK	BE	924	150	IAML		17 5	1.40			50108	0.5				
RTK	BZ	1034	165	EP		17 3	43.56	0.03							1.0
RTK	BN	1034	165	ES		17 5	16.56	-1.74							1.0
RTK	BN	1034	165	IAML		17 5	22.52			30893	0.4				
GNR	BZ	1038	162	EP		17 3	44.65	0.68							1.0
MERT	BZ	1076	158	EP		17 3	48.76	0.13							1.0
MERT	BE	1076	158	ES		17 5	27.55	0.43							1.0
MERT	BN	1076	158	IAML		17 5	36.26			24469	0.4				
NRLA	BZ	1077	162	EP		17 3	48.89	0.15							1.0
NRLA	BN	1077	162	ES		17 5	27.75	0.45							1.0
NRLA	BE	1077	162	IAML		17 5	32.47			18122	0.4				
JHJR	BZ	1085	165	EP		17 3	50.55	0.91							1.0
JHJR	BE	1085	165	ES		17 5	28.43	-0.44							1.0

NDI	HE	1091	162	IAML	17	5	34.20		14173	0.6	
UJWA	BZ	1095	163	EP	17	3	51.06	0.11			1.0
UJWA	BN	1095	163	ES	17	5	30.68	-0.45			1.0
UJWA	BN	1095	163	IAML	17	5	35.67		34796	0.6	
NPL	BZ	1095	162	EP	17	3	51.67	0.78			1.0
NPL	BE	1095	162	ES	17	5	30.54	-0.48			1.0
NPL	BE	1095	162	IAML	17	5	36.12		16681	0.4	
ASOR	BN	1100	159	EP	17	3	51.85	0.25			1.0
ASOR	BN	1100	159	ES	17	5	32.78	0.53			1.0
AYAN	BZ	1110	162	EP	17	3	52.88	0.09			1.0
BKNR	BZ	1116	182	EP	17	3	53.49	0.14			1.0
BKNR	BN	1116	182	ES	17	5	35.51	0.22			1.0
PTH	BZ	1117	146	EP	17	3	52.23	-1.92			1.0
PTH	BE	1117	146	ES	17	5	37.04	0.38			1.0
PTH	BE	1117	146	IAML	17	5	39.81		3459	0.4	
SONA	BZ	1134	163	EP	17	3	55.97	0.37			1.0
SONA	BN	1134	163	ES	17	5	38.56	-0.62			1.0
SONA	BE	1134	163	IAML	17	5	42.93		26149	0.6	
AGRA	BZ	1278	160	EP	17	4	12.07	-0.78			1.0
AGRA	BN	1278	160	ES	17	6	9.71	0.69			1.0
AJM	BZ	1295	176	EP	17	4	14.31	-0.67			1.0
LKN	BZ	1424	150	EP	17	4	28.83	-1.70			1.0
LKN	BE	1424	150	ES	17	6	40.81	1.20			1.0
GUNA	BZ	1527	166	EP	17	4	40.67	-2.35			1.0
GKPR	BN	1553	141	IAML	17	7	13.51		10086	0.7	
JPG	BE	1901	128	ES	17	8	19.58	0.60			0.7
JPG	BN	1901	128	IAML	17	8	27.67		2789	0.8	
TEZP	SN	2194	120	ES	17	9	19.75	-0.25			0.5
TEZP	SN	2194	120	IAML	17	9	33.30		401	0.7	
SILR	SE	2330	124	ES	C	17	9	47.76	-0.63		0.4

February 13 2021 Hour: 14: 7 50.8 Lat: 38.21N Lon: 141.35E D: 45.0F Ag: NCS Regional
Magnitudes: 7.1Ms NCS 6.9Mb NCS 7.1MW NCS Rms: 0.8 secs
Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PWAL	BZ			EP		1417	8.04								
PWAL	BN			ES		1424	33.55								
ZIRO	SZ	4548	269	EP		1415	30.54	1.80							0.9
ZIRO	SZ	4548	269	IAmb		1415	36.93			3045	0.7				
ZIRO	SN	4548	269	ES		1421	38.50	0.48							1.0
ZIRO	SZ	4548	269	IAMs_20		1433	51.50			291000	21.5				
MOKO	SZ	4553	267	EP		1415	30.60	1.05							1.0
JORH	SZ	4554	268	EP		1415	30.69	1.56							0.9
JORH	SN	4554	268	ES		1421	39.36	0.65							1.0
ITAN	SZ	4579	269	EP		1415	32.89	1.83							0.9
ITAN	SN	4579	269	ES		1421	42.84	0.64							1.0
KOHI	SZ	4621	267	EP		1415	34.16	-0.47							1.0
KOHI	SE	4621	267	ES		1421	48.75	0.14							1.0
IMP	SZ	4684	266	EP		1415	38.43	-0.32							1.0
IMP	SN	4684	266	ES		1421	54.54	-1.55							0.9
TEZP	SZ	4687	269	EP		1415	39.68	0.70							1.0
TEZP	SN	4687	269	ES		1421	57.06	0.55							1.0
SILR	SZ	4786	266	EP		1415	47.84	1.62							0.9
SILR	SN	4786	266	ES		1422	10.26	0.63							1.0
GUWA	SZ	4807	269	EP		1415	47.64	-0.06							1.0
GUWA	SN	4807	269	ES		1422	12.43	0.11							1.0
SHL	HZ	4814	268	EP		1415	49.25	0.47							1.0
SHL	HN	4814	268	ES		1422	13.70	-0.53							1.0
SHL	HZ	4814	268	IAMs_20		1435	47.83			284000	20.6				
AZL	SZ	4855	265	EP		1415	51.53	0.26							1.0
AZL	SN	4855	265	ES		1422	18.55	-0.24							1.0
SAIH	SZ	4902	263	EP		1415	54.37	-0.31							1.0
AGT	SZ	4973	266	EP		1416	1.37	1.70							0.9
AGT	SN	4973	266	ES		1422	33.08	-0.97							1.0

COBR	BZ	4997	270	EP	1415	59.92-1.47		0.9
COBR	BN	4997	270	ES	1422	38.69 1.52		0.9
JPG	BZ	5050	271	EP	1416	6.73 1.55		0.9
JPG	BN	5050	271	ES	1422	44.81 0.74		1.0
CAL	BZ	5305	267	EP	1416	23.78 0.57		1.0
CAL	BN	5305	267	ES	1423	17.85 0.86		1.0
JMUI	BZ	5354	271	EP	1416	26.21-0.38		1.0
JMUI	BN	5354	271	ES	1423	22.58-0.59		1.0
JMUI	BZ	5354	271	IAMs_20	1438	43.44	154000 20.1	
VLK	BZ	5421	275	EP	1416	31.01-0.24		1.0
VLK	BN	5421	275	ES	1423	32.15 0.44		1.0
BOKR	HZ	5447	270	EP	1416	34.40 1.26		0.9
BOKR	HZ	5447	270	IAmb	1416	42.22	558 0.8	
BOKR	HN	5447	270	ES	1423	34.96-0.20		1.0
BOKR	HZ	5447	270	IAMs_20	1439	3.38	172000 21.9	
GAYA	BZ	5448	271	EP	1416	33.73 0.61		1.0
GAYA	BN	5448	271	ES	1423	35.61 0.49		1.0
GKPR	BZ	5501	275	EP	1416	36.11-0.63		1.0
GKPR	BN	5501	275	ES	1423	42.56 0.80		1.0
BRCH	BZ	5616	276	EP	1416	44.07-0.56		1.0
BRCH	BN	5616	276	ES	1423	57.18 0.92		1.0
VAR	BZ	5618	273	EP	1416	44.69-0.09		1.0
VAR	BN	5618	273	ES	1423	56.54-0.00		1.0
PBA	HZ	5633	252	EP	1416	45.49-0.31		0.0
PBA	HZ	5633	252	IAmb	1416	54.87	883 1.0	
PBA	HN	5633	252	ES	1423	56.37-2.05		0.9
PBA	HZ	5633	252	IAMs_20	1434	49.13	291000 28.3	
PTH	BZ	5634	280	EP	1416	46.74 0.28		1.0
BWNR	BZ	5660	266	EP	1416	48.04 0.39		1.0
BWNR	BN	5660	266	ES	1424	1.12-0.70		1.0
KLP	BZ	5705	283	EP	1416	52.49 1.28		0.9
KLP	BN	5705	283	ES	1424	6.44-1.87		0.9
KLP	BZ	5705	283	IAMs_20	1438	9.39	333000 36.9	
LKN	BZ	5720	276	EP	1416	52.38 0.69		1.0
LKN	BN	5720	276	ES	1424	8.84-0.41		1.0
ALBI	BZ	5720	274	EP	1416	51.57-0.06		1.0
ALBI	BE	5720	274	ES	1424	8.18-0.96		1.0
ALBI	BZ	5720	274	IAMs_20	1441	7.68	239000 21.6	
UTK	BZ	5729	282	EP	1416	52.15-0.31		1.0
UTK	BN	5729	282	ES	1424	9.48-1.17		1.0
UTK	BE	5729	282	ES	1424	10.50-0.15		1.0
TKRD	BZ	5773	280	EP	1416	54.65-0.58		1.0
TKRD	BN	5773	280	ES	1424	16.61 0.83		1.0
SMLA	HZ	5818	283	EP	1416	59.24 0.79		1.0
SMLA	HZ	5818	283	IAmb	1417	8.40	2193 0.8	
SMLA	HN	5818	283	ES	1424	18.89-2.81		0.0
SMLA	HZ	5818	283	IAMs_20	1440	17.99	233000 28.3	
DHRM	HZ	5837	284	EP	1417	0.25 0.05		1.0
DHRM	HZ	5837	284	IAmb	1417	11.31	5108 1.2	
DHRM	HE	5837	284	ES	1424	24.35-0.52		1.0
BLSP	BZ	5869	270	EP	1416	59.98-1.75		0.9
BLSP	BN	5869	270	ES	1424	27.62-0.14		1.0
THN	BZ	5871	285	EP	1416	59.30-2.40		0.8
THN	BN	5871	285	ES	1424	26.25-1.47		0.9
THN	BZ	5871	285	IAMs_20	1440	34.86	277000 25.9	
BHK	BZ	5873	283	EP	1417	1.92 0.12		1.0
BHK	BE	5873	283	ES	1424	28.18 0.27		1.0
BHK	BZ	5873	283	IAMs_20	1440	32.69	262000 23.5	
CGRH	BZ	5875	283	EP	1417	2.76 0.77		1.0
SRIN	BZ	5878	287	EP	1417	2.94 0.76		1.0
SRIN	BE	5878	287	ES	1424	29.12 0.52		1.0
MERT	BZ	5879	280	EP	1417	3.83 1.60		0.9
MERT	BE	5879	280	ES	1424	29.48 0.78		1.0
ASOR	BZ	5887	280	EP	1417	2.50-0.34		1.0

ASOR	BZ	5887	280	IAmb	1417	6.51		344	0.5	
ASOR	BN	5887	280	ES	1424	28.95-0.87				1.0
KKR	BZ	5907	282	EP	1417	5.96	1.84			0.0
KKR	BN	5907	282	ES	1424	32.55	0.36			1.0
BISR	BZ	5925	280	EP	1417	5.49	0.13			1.0
BISR	BZ	5925	280	IAmb	1417	9.17		1419	0.9	
BISR	BN	5925	280	ES	1424	34.44-0.04				1.0
BISR	BZ	5925	280	IAMs_20	1441	52.49		366000	19.8	
RAGD	BZ	5928	266	EP	1417	6.01	0.42			1.0
RAGD	BN	5928	266	ES	1424	35.29	0.39			1.0
GNR	BZ	5931	281	EP	1417	5.54-0.15				1.0
GNR	BZ	5931	281	IAmb	1417	11.70		1158	0.8	
GNR	BN	5931	281	ES	1424	35.48	0.39			1.0
GNR	BZ	5931	281	IAMs_20	1440	22.93		329000	26.1	
JMU	BZ	5936	286	EP	1417	7.37	1.38			0.9
JMU	BE	5936	286	ES	1424	35.83	0.19			1.0
JMIU	BZ	5939	280	IAmb	1417	15.34		1179	1.0	
JMIU	BN	5939	280	ES	1424	36.67	0.56			1.0
JMIU	BZ	5939	280	IAMs_20	1441	45.80		366000	19.5	
NDI	HZ	5939	280	EP	1417	6.42	0.19			1.0
NDI	HZ	5939	280	IAmb	1417	15.32		1067	1.0	
JMIU	BZ	5939	280	EP	1417	6.72	0.48			1.0
LDR	HZ	5943	280	EP	1417	6.54	0.05			1.0
LDR	HE	5943	280	ES	1424	36.90	0.33			1.0
NRLA	BZ	5944	280	EP	1417	5.92-0.60				1.0
NRLA	BN	5944	280	ES	1424	37.02	0.40			1.0
NPL	BZ	5945	280	EP	1417	7.46	0.83			1.0
AYAN	BZ	5957	280	EP	1417	7.20-0.26				1.0
AYAN	BZ	5957	280	IAMs_20	1442	0.08		327000	21.3	
UJWA	BZ	5971	280	EP	1417	7.87-0.53				1.0
UJWA	BZ	5971	280	IAmb	1417	17.57		3015	0.9	
SONA	BZ	5975	280	EP	1417	8.81	0.20			1.0
SONA	BZ	5975	280	IAmb	1417	17.77		1357	0.8	
SONA	BN	5975	280	ES	1424	41.14	0.65			1.0
SONA	BZ	5975	280	IAMs_20	1441	34.73		226000	22.9	
RTK	BN	5989	281	ES	1424	41.96-0.31				1.0
JHNI	BZ	5990	276	EP	1417	8.25-1.39				0.9
JHNI	BE	5990	276	ES	1424	41.58-0.82				1.0
JHJR	BZ	5992	280	EP	1417	10.44	0.72			1.0
JHJR	BZ	5992	280	IAmb	1417	19.06		1787	0.7	
JHJR	BN	5992	280	ES	1424	42.87	0.32			1.0
KUDL	HZ	6030	280	EP	1417	11.61-0.60				1.0
KUDL	HE	6030	280	ES	1424	47.17	0.01			1.0
KUDL	HZ	6030	280	IAMs_20	1440	16.07		317000	29.5	
KNKR	BZ	6037	269	EP	1417	12.85-0.00				1.0
GUNA	BZ	6147	276	EP	1417	17.87-2.07				0.9
SRGN	BZ	6160	283	EP	1417	19.63-1.05				1.0
SRGN	BN	6160	283	ES	1425	3.06	0.20			1.0
SRGN	BZ	6160	283	IAMs_20	1441	24.25		223000	29.5	
NGP	BZ	6198	271	EP	1417	23.16-0.09				1.0
NGP	BN	6198	271	ES	1425	8.36	0.74			1.0
NGP	BZ	6198	271	IAMs_20	1443	29.90		166000	19.1	
BHPL	HZ	6219	274	EP	1417	24.26-0.33				1.0
BHPL	HZ	6219	274	IAmb	1417	29.83		999	1.3	
BHPL	HZ	6219	274	IAMs_20	1442	28.01		190000	24.5	
AJM	BZ	6283	279	EP	1417	28.60-0.10				1.0
AJM	BZ	6283	279	IAmb	1417	37.92		828	0.8	
AJM	BE	6283	279	ES	1425	18.61	0.87			1.0
BKNR	BZ	6313	281	EP	1417	29.01-1.51				0.9
BKNR	BN	6313	281	ES	1425	21.39	0.26			1.0
VJD	BZ	6344	265	EP	1417	33.00	0.38			1.0
VJD	BN	6344	265	ES	1425	25.33	0.28			1.0
NRDN	BZ	6358	274	EP	1417	32.28-1.20				1.0
NRDN	BE	6358	274	ES	1425	26.21-0.43				1.0

AKL	BZ	6404	272	EP	1417	36.42-0.01										1.0
AKL	BN	6404	272	ES	1425	30.64-1.49										0.9
AKL	BZ	6404	272	IAMs_20	1444	43.69	121000	22.1								
UDPR	BZ	6466	278	EP	1417	39.70-0.57										1.0
UDPR	BZ	6466	278	IAmb	1417	43.24	893	1.5								
UDPR	BN	6466	278	ES	1425	38.63-0.67										1.0
UDPR	BZ	6466	278	IAMs_20	1442	19.58	323000	31.5								
HYB	HZ	6470	268	EP	1417	41.06 0.35										1.0
HYB	HZ	6470	268	IAmb	1417	43.36	1554	1.5								
HYB	HN	6470	268	ES	1425	39.83-0.27										1.0
HYB	HZ	6470	268	IAMs_20	1442	32.62	181000	26.5								
JASL	BZ	6576	281	EP	1417	45.95-1.26										0.9
JASL	BN	6576	281	ES	1425	51.29-0.95										1.0
JASL	BZ	6576	281	IAMs_20	1443	9.18	234000	31.9								
LATR	BZ	6586	270	EP	1417	47.46-0.47										1.0
LATR	BE	6586	270	ES	1425	53.05-0.54										1.0
MDRS	HZ	6613	262	EP	1417	50.17 0.59										1.0
MDRS	HZ	6613	262	IAmb	1417	52.42	1043	1.4								
MDRS	HN	6613	262	ES	1425	57.30 0.62										1.0
MDRS	HZ	6613	262	IAMs_20	1439	41.48	218000	33.2								
BHV	BZ	6767	276	EP	1417	58.94-0.06										1.0
BHV	BZ	6767	276	IAmb	1418	2.21	1091	1.5								
BHV	BN	6767	276	ES	1426	14.57 0.26										1.0
BHV	BZ	6767	276	IAMs_20	1447	32.25	206000	18.9								
POO	HZ	6813	272	EP	1418	1.66-0.29										1.0
POO	HZ	6813	272	IAmb	1418	4.71	782	1.1								
POO	HN	6813	272	ES	1426	19.58-0.25										1.0
POO	HZ	6813	272	IAMs_20	1446	55.58	188000	18.4								
KAD	BZ	6860	270	EP	1418	4.76 0.03										1.0
KAD	BZ	6860	270	IAmb	1418	7.30	1508	1.4								
KAD	BN	6860	270	ES	1426	24.08-0.97										1.0
KAD	BZ	6860	270	IAMs_20	1446	10.66	165000	22.0								
SALM	BZ	6878	263	EP	1418	4.66-1.23										1.0
SALM	BN	6878	263	ES	1426	27.60 0.37										1.0
SALM	BZ	6878	263	IAMs_20	1440	9.66	214000	36.6								
BOM	BZ	6881	273	EP	1418	4.80-1.19										1.0
BOM	BN	6881	273	ES	1426	26.60-0.82										1.0
BHUJ	HZ	6894	279	EP	1418	7.75 1.00										1.0
BHUJ	HZ	6894	279	IAmb	1418	10.40	1376	1.5								
BHUJ	HN	6894	279	ES	1426	28.62-0.23										1.0
GOA	HZ	7006	269	EP	1418	13.64 0.12										1.0
GOA	HZ	7006	269	IAmb	1418	16.38	3230	1.5								
GOA	HN	7006	269	ES	1426	41.65 0.07										1.0
GOA	HZ	7006	269	IAMs_20	1445	20.38	175000	26.8								
KOD	BZ	7033	262	EP	1418	15.32-0.17										1.0
KOD	BN	7033	262	ES	1426	44.66-0.58										1.0
KOD	BZ	7033	262	IAMs_20	1441	57.24	169000	31.9								
MNGI	BZ	7082	266	EP	1418	17.89-0.22										1.0
MNGI	BN	7082	266	ES	1426	50.52 0.29										1.0
TRVM	HZ	7194	261	EP	1418	24.13-0.57										1.0
TRVM	HN	7194	261	ES	1427	2.33-0.32										1.0
TRVM	HZ	7194	261	IAMs_20	1442	0.33	168000	36.3								

February 13 2021 Hour: 22: 0 23.6 Lat: 37.82N Lon: 72.49E D:196.5 Ag: NCS Local
Magnitudes: 3.8ML NCS 3.9MW NCS Rms: 0.6 secs
Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BN	582	132	ES		22 2	38.19	0.56							1.0
ALCI	BE	582	132	IAML		22 2	43.18			97	0.2				
JMU	BZ	598	158	EP		22 1	43.11	0.46							1.0
JMU	BN	598	158	ES		22 2	39.34	-1.02							1.0
JMU	BN	598	158	IAML		22 2	46.09			205	0.5				
JMU	BE	598	158	IAML		22 2	46.18			195	0.6				
THN	BZ	668	152	EP		22 1	51.61	0.64							1.0

THN	BN	668	152	ES	22	2	55.47	0.71								1.0
THN	BE	668	152	IAML	22	2	59.12		100	0.5						
DHRM	HZ	709	149	EP	22	1	56.50	0.05								1.0
DHRM	HN	709	149	ES	22	3	4.75	0.51								1.0
DHRM	HE	709	149	IAML	22	3	7.40		142	0.4						
DHRM	HN	709	149	IAML	22	3	7.66		173	0.3						
SMLA	HZ	857	149	EP	22	2	13.39	-0.12								1.0
SMLA	HN	857	149	ES	22	3	33.05	-0.70								1.0
SMLA	HN	857	149	IAML	22	3	37.38		122	0.3						
KUDL	HZ	1136	160	EP	22	2	46.64	0.24								1.0
KUDL	HN	1136	160	ES	22	4	30.56	-0.09								1.0
KUDL	HN	1136	160	IAML	22	4	34.13		10	0.4						
KUDL	HE	1136	160	IAML	22	4	34.17		8	0.4						
ALCI	BZ	582	132	EP	22	1	39.84	-1.23								1.0

February 14 2021 Hour: 0:13 51.2 Lat: 28.43N Lon: 93.69E D: 10.0F Ag: NCS Local
Magnitudes: 3.2ML NCS 3.1MW NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ZIRO	SZ	101	171	EP		014	8.13	-0.64							1.0
ZIRO	SN	101	171	ES		014	19.82	-1.79							1.0
ZIRO	SN	101	171	IAML		014	23.71			954	0.4				
ZIRO	SE	101	171	IAML		014	24.21			1191	0.4				
ITAN	SZ	142	179	EP		014	15.37	0.24							1.0
ITAN	SE	142	179	ES		014	33.22	0.61							1.0
ITAN	SN	142	179	IAML		014	38.50			834	0.3				
TEZP	SZ	219	204	EP		014	24.32	-0.15							1.0
TEZP	SE	219	204	ES		014	48.93	0.17							1.0
TEZP	SZ	219	204	IAML		014	51.00			146	0.1				
MOKO	SZ	247	161	EP		014	27.81	-0.56							1.0
MOKO	SN	247	161	ES		014	56.83	1.33							1.0
MOKO	SN	247	161	IAML		015	5.26			216	0.5				
KOHI	SZ	303	172	EP		014	34.52	-0.69							1.0
KOHI	SE	303	172	ES		015	8.97	1.62							1.0
KOHI	SE	303	172	IAML		015	19.03			71	0.4				
GUWA	SZ	317	219	EP		014	36.04	-0.40							1.0
GUWA	SN	317	219	ES		015	9.74	0.26							1.0
GUWA	SE	317	219	IAML		015	14.25			109	0.4				
GUWA	SN	317	219	IAML		015	14.47			72	0.2				

February 14 2021 Hour: 5: 5 2.3 Lat: 36.33N Lon: 70.96E D:142.0 Ag: NCS Local
Magnitudes: 3.5ML NCS 3.8MW NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	613	111	EP		5 6	22.01	-0.03							1.0
ALCI	BN	613	111	ES		5 7	20.17	-0.07							1.0
TSSA	BZ	614	128	EP		5 6	21.21	-1.35							1.0
TSSA	BN	614	128	ES		5 7	21.81	0.67							1.0
TSSA	BN	614	128	IAML		5 7	24.49			77	0.3				
THN	BZ	620	133	EP		5 6	22.37	-0.32							1.0
THN	BN	620	133	ES		5 7	21.10	-0.26							1.0
THN	BN	620	133	IAML		5 7	26.53			47	0.9				
DHRM	HZ	668	131	EP		5 6	30.23	1.03							1.0
DHRM	HN	668	131	ES		5 7	33.02	0.39							1.0
DHRM	HN	668	131	IAML		5 7	37.67			89	0.3				
DHRM	HE	668	131	IAML		5 7	37.70			64	0.8				
SMLA	HZ	815	133	EP		5 6	46.57	0.35							1.0
SMLA	HE	815	133	ES		5 8	1.44	-0.64							1.0
KLP	BZ	858	126	EP		5 6	52.09	0.32							1.0
KLP	BE	858	126	ES		5 8	11.58	-0.10							1.0
KLP	BE	858	126	IAML		5 8	16.96			32	0.9				

February 14 2021 Hour: 10:19 50.5 Lat: 31.39N Lon: 76.98E D: 0.4 Ag: NCS Local
Magnitudes: 3.0ML NCS 3.3MW NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SMLA	HZ	34	147	EP		1019	56.93	0.18							1.0
SMLA	HN	34	147	ES		1020	1.91	0.62							1.0
SMLA	HE	34	147	IAML		1020	3.01			2340	0.2				
SMLA	HN	34	147	IAML		1020	3.11			3890	0.4				
BHK	BZ	57	271	EP		1020	0.93	0.54							1.0
BHK	BN	57	271	ES		1020	8.02	0.42							1.0
BHK	BE	57	271	IAML		1020	8.99			513	0.2				
BHK	BN	57	271	IAML		1020	9.10			308	0.2				
DHRM	HZ	115	326	EP		1020	10.49	-0.66							1.0
DHRM	HN	115	326	ES		1020	25.36	-0.85							1.0
DHRM	HE	115	326	IAML		1020	29.02			164	0.3				
DHRM	HN	115	326	IAML		1020	29.30			133	0.2				
KLP	BZ	123	81	EP		1020	11.73	-0.74							1.0
KLP	BE	123	81	ES		1020	28.44	-0.05							1.0
THN	BZ	161	317	EP		1020	18.45	0.47							1.0
THN	BN	161	317	ES		1020	39.42	1.40							1.0
THN	BN	161	317	IAML		1020	40.77			255	0.4				
TSSA	BZ	179	334	EP		1020	20.30	-0.42							1.0
TSSA	BE	179	334	ES		1020	41.23	-1.54							1.0
TSSA	BN	179	334	IAML		1020	45.67			393	0.2				
HNLY	BZ	243	50	EP		1020	29.14	1.01							1.0
HNLY	BN	243	50	ES		1020	56.24	0.66							0.0
NDI	HZ	300	176	EP		1020	34.80	-0.12							1.0
NDI	HN	300	176	ES		1021	6.69	-0.63							1.0
ALCI	BZ	314	3	EP		1020	37.29	0.48							1.0
ALCI	BE	314	3	ES		1021	11.31	0.71							1.0
KUDL	HZ	363	188	EP		1020	42.38	-0.18							1.0
KUDL	HE	363	188	ES		1021	19.90	-0.64							1.0

February 14 2021 Hour: 19:56 1.3 Lat: 28.81N Lon: 77.08E D: 16.1 Ag: NCS Local
Magnitudes: 2.6ML NCS 2.8MW NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NRLA	BZ	3	146	EP		1956	3.45	-0.73							1.0
NRLA	BN	3	146	ES		1956	5.55	-0.69							1.0
NRLA	BE	3	146	IAML		1956	6.83			1896	0.1				
NRLA	BN	3	146	IAML		1956	6.85			1663	0.1				
NDI	HZ	19	137	EP		1956	5.73	0.09							1.0
NDI	HN	19	137	ES		1956	9.45	0.68							1.0
NDI	HN	19	137	IAML		1956	9.88			380	0.3				
NDI	HE	19	137	IAML		1956	9.98			558	0.1				
NPL	BZ	21	155	EP		1956	6.18	0.26							1.0
NPL	BN	21	155	ES		1956	9.73	0.46							1.0
NPL	BE	21	155	IAML		1956	10.85			675	0.2				
LDR	HZ	28	150	EP		1956	7.41	0.49							1.0
LDR	HE	28	150	ES		1956	10.71	-0.28							1.0
LDR	HE	28	150	IAML		1956	12.93			358	0.2				
LDR	HN	28	150	IAML		1956	12.93			448	0.2				
UJWA	BZ	31	213	EP		1956	7.47	-0.02							1.0
UJWA	BE	31	213	ES		1956	12.12	0.15							1.0
UJWA	BN	31	213	IAML		1956	13.77			502	0.2				
AYAN	BZ	36	172	EP		1956	8.57	0.27							1.0
AYAN	BN	36	172	ES		1956	13.50	0.12							1.0
AYAN	BE	36	172	IAML		1956	15.02			219	0.2				
ASOR	BZ	68	95	EP		1956	13.44	-0.10							1.0
ASOR	BN	68	95	ES		1956	21.56	-0.87							1.0
ASOR	BN	68	95	IAML		1956	22.22			332	0.2				
KUDL	HZ	94	218	EP		1956	16.97	-0.64							1.0
KUDL	HN	94	218	ES		1956	28.65	-0.83							1.0

KUDL	HN	94	218	IAML	1956	30.65		53	0.2	
SMLA	HZ	257	2	EP	1956	37.01-1.84				1.0
SMLA	HN	257	2	ES	1957	5.40-0.83				1.0
SMLA	HE	257	2	IAML	1957	10.47		65	0.6	
LGTI	BZ	300	77	EP	1956	45.02	0.43			1.0
LGTI	BN	300	77	ES	1957	15.71-0.45				1.0
PTH	BZ	316	73	EP	1956	47.17	0.80			1.0
DHRM	HZ	389	349	EP	1956	58.68	3.34			1.0
DHRM	HN	389	349	ES	1957	34.13-0.63				1.0
DHRM	HN	389	349	IAML	1957	35.24		13	0.4	
THN	BZ	421	343	EP	1956	58.75	0.15			1.0
THN	BN	421	343	ES	1957	41.05	0.66			1.0
THN	BE	421	343	IAML	1957	53.42		28	0.8	

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TEZP	SZ	634	109	EP		2117	12.87	0.54							1.0
TEZP	SE	634	109	ES		2118	13.96	1.18							1.0
ZIRO	SZ	704	99	EP		2117	22.08	0.05							1.0
ZIRO	SN	704	99	ES		2118	27.45	0.25							1.0
ZIRO	SN	704	99	IAML		2118	33.55			71	0.7				
ZIRO	SE	704	99	IAML		2118	34.32			60	0.7				
KOHI	SZ	794	112	EP		2117	33.84	0.36							1.0
KOHI	SN	794	112	ES		2118	46.57	0.94							1.0
MOKO	SZ	805	107	EP		2117	34.95	0.14							1.0

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SAIH	SZ	141	312	EP		2355	43.91	-0.52							1.0
SAIH	SN	141	312	ES		2356	2.38	0.57							1.0
SAIH	SN	141	312	IAML		2356	5.24			2100	0.6				
AZL	SN	269	330	ES		2356	28.98	0.16							1.0
AZL	SN	269	330	IAML		2356	36.57			162	0.4				
IMP	SZ	354	359	EP		2356	10.54	0.14							1.0
IMP	SN	354	359	ES		2356	48.59	1.85							1.0
KOHI	SZ	453	1	EP		2356	23.16	0.19							1.0
KOHI	SN	453	1	ES		2357	8.45	-0.03							1.0
KOHI	SN	453	1	IAML		2357	17.64			43	1.0				
SHL	HZ	481	335	EP		2356	26.38	-0.06							1.0
SHL	HE	481	335	ES		2357	13.54	-0.95							1.0
MOKO	SZ	522	6	EP		2356	31.88	0.54							1.0
MOKO	SE	522	6	ES		2357	22.28	-0.69							1.0
TEZP	SZ	565	348	EP		2356	35.34	-0.84							1.0
TEZP	SN	565	348	ES		2357	31.21	-0.12							1.0
TEZP	SN	565	348	IAML		2357	34.16			58	0.2				
ZIRO	SZ	653	359	EP		2356	46.55	-0.35							1.0
ZIRO	SN	653	359	ES		2357	49.25	-0.64							1.0
ZIRO	SN	653	359	IAML		2357	52.01			45	0.5				
AZL	SZ	269	330	EP		2356	0.81	0.76							1.0

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BWNR	BZ	2486	327	EP		5 2	8.65	0.58							1.0
SALM	BZ	2517	297	EP		5 2	11.80	0.62							1.0
KOD	BZ	2526	293	EP		5 2	12.56	0.28							1.0
KOD	BZ	2526	293	IAmb		5 2	19.90			8	1.0				
AZL	SZ	2527	346	EP		5 2	14.37	2.29							1.0
AZL	SZ	2527	346	IAmb		5 2	17.68			12	0.6				

RAGD	BZ	2555	321	EP	5	2	11.96	-2.71								1.0
RAGD	BZ	2555	321	IAmb	5	2	19.47		7	0.5						
SHL	HZ	2742	345	EP	5	2	31.71	0.39								1.0
SHL	HZ	2742	345	IAmb	5	2	34.22		23	0.6						
MOKO	SZ	2766	351	EP	5	2	33.19	-0.11								1.0
HYB	HZ	2805	310	EP	5	2	36.53	0.41								1.0
BOKR	HZ	2810	332	EP	5	2	36.44	-0.03								1.0
GUWA	SZ	2817	345	EP	5	2	36.97	0.03								1.0
GUWA	SZ	2817	345	IAmb	5	2	41.82		13	0.8						
TEZP	SZ	2833	348	EP	5	2	36.56	-1.75								1.0

February 15 2021 Hour: 10:29 8.4 Lat: 36.68N Lon: 70.77E D:116.2 Ag: NCS Local
Magnitudes: 3.9ML NCS 4.0MW NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TSSA	BZ	651	129	EP		1030	33.09	0.26							1.0
TSSA	BN	651	129	ES		1031	34.10	-0.35							1.0
TSSA	BN	651	129	IAML		1031	40.09			152	0.4				
THN	BZ	659	134	EP		1030	33.85	0.69							1.0
THN	BE	659	134	ES		1031	35.07	0.04							1.0
THN	BE	659	134	IAML		1031	39.44			163	0.4				
DHRM	HZ	707	132	EP		1030	39.47	-0.18							1.0
DHRM	HE	707	132	ES		1031	46.02	-0.24							1.0
DHRM	HE	707	132	IAML		1031	48.81			192	0.7				
SMLA	HZ	854	134	EP		1030	55.84	-1.00							1.0
SMLA	HE	854	134	ES		1032	16.59	0.59							1.0
SMLA	HE	854	134	IAML		1032	22.12			78	0.3				
HNLY	BZ	866	118	EP		1030	58.47	0.23							1.0
HNLY	BE	866	118	ES		1032	18.38	-0.04							1.0

February 15 2021 Hour: 11:37 9.9 Lat: 25.35N Lon: 93.84E D: 33.2 Ag: NCS Local
Magnitudes: 3.4ML NCS 3.4MW NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KOHI	SZ	49	33	EP		1137	21.16	1.09							1.0
KOHI	SN	49	33	ES		1137	26.45	-1.07							1.0
KOHI	SE	49	33	IAML		1137	31.10			1598	0.5				
KOHI	SN	49	33	IAML		1137	31.59			1427	0.3				
IMP	SZ	59	170	EP		1137	21.24	0.29							1.0
IMP	SN	59	170	ES	C	1137	28.78	-0.25							1.0
IMP	SN	59	170	IAML		1137	30.37			399	0.2				
MOKO	SZ	127	32	EP		1137	30.61	0.68							1.0
MOKO	SN	127	32	ES		1137	44.46	-0.11							1.0
MOKO	SN	127	32	IAML		1137	47.47			1091	0.2				
MOKO	SE	127	32	IAML		1137	47.58			996	0.2				
TEZP	SZ	175	324	EP		1137	35.43	0.11							1.0
TEZP	SN	175	324	ES		1137	53.38	-0.52							1.0
TEZP	SE	175	324	IAML		1137	55.02			1281	0.1				
SHL	HZ	188	278	EP		1137	37.46	0.02							1.0
SHL	HN	188	278	ES		1137	58.00	0.43							1.0
SHL	HE	188	278	IAML		1138	0.75			442	0.2				
AZL	SZ	214	213	EP		1137	40.54	0.42							1.0
AZL	SN	214	213	ES		1138	2.58	0.38							1.0
AZL	SE	214	213	IAML		1138	5.83			857	0.2				
GUWA	SZ	235	294	EP		1137	42.50	-0.17							1.0
GUWA	SN	235	294	ES		1138	6.30	-0.31							1.0
GUWA	SN	235	294	IAML		1138	8.44			177	0.2				
GUWA	SE	235	294	IAML		1138	8.53			292	0.1				
ZIRO	SZ	241	0	EP		1137	43.78	0.37							1.0
ZIRO	SE	241	0	ES		1138	7.78	-0.11							1.0
ZIRO	SE	241	0	IAML		1138	10.53			1035	0.4				
SAIH	SZ	329	196	EP		1137	53.62	-0.61							1.0
SAIH	SN	329	196	ES		1138	25.98	-0.64							1.0
SAIH	SN	329	196	IAML		1138	28.99			42	0.3				

February 15 2021 Hour: 12:11 19.8 Lat: 37.31N Lon: 72.72E D:246.7 Ag: NCS Local
Magnitudes: 4.0ML NCS 4.3MW NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	530	129	EP		1212	33.44	0.12							1.0
ALCI	BE	530	129	ES		1213	26.94	-0.05							1.0
TSSA	BZ	587	147	EP		1212	40.02	-0.08							1.0
TSSA	BE	587	147	ES		1213	39.88	1.16							1.0
TSSA	BE	587	147	IAML		1213	43.59			190	0.3				
THN	BZ	609	152	EP		1212	42.21	0.15							1.0
THN	BN	609	152	ES		1213	41.41	-0.71							1.0
DHRM	HZ	651	149	EP		1212	47.17	-0.28							1.0
DHRM	HN	651	149	ES		1213	51.69	0.25							1.0
DHRM	HN	651	149	IAML		1213	57.50			244	0.4				
DHRM	HE	651	149	IAML		1213	57.74			244	0.3				
SMLA	HZ	799	148	EP		1213	4.27	0.13							1.0
SMLA	HN	799	148	ES		1214	18.52	-1.78							1.0
SMLA	HN	799	148	IAML		1214	24.98			64	0.5				
KLP	BN	817	140	EP		1213	7.83	1.23							1.0
KLP	BE	817	140	ES		1214	24.10	-0.47							1.0
KLP	BE	817	140	IAML		1214	32.34			124	0.4				
KUDL	HZ	1076	160	EP		1213	35.73	-0.71							1.0
KUDL	HN	1076	160	ES		1215	17.24	1.06							1.0
PTH	BZ	1103	139	EP	*	1213	42.29	2.05							0.0
PTH	BN	1103	139	ES		1215	25.43	0.62							1.0

February 15 2021 Hour: 13:53 25.5 Lat: 9.64N Lon: 93.35E D: 10.0F Ag: NCS Local
Magnitudes: 4.1MW NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PBA	HZ	232	343	EP		1354	0.72	0.35							1.0
PBA	HN	232	343	ES		1354	26.70	0.85							1.0
MDRS	HZ	1485	286	EP		1356	33.93	0.67							1.0
MDRS	HN	1485	286	ES		1358	49.37	-0.98							1.0
RAGD	BZ	1505	316	EP		1356	36.08	0.32							1.0
RAGD	BN	1505	316	ES		1358	54.19	-0.48							1.0
SALM	BZ	1677	279	EP		1356	57.14	0.31							0.9
SALM	BN	1677	279	ES		1359	30.81	-0.32							0.9
KOD	BZ	1743	273	EP		1357	4.46	-0.55							0.8
KOD	BN	1743	273	ES		1359	46.38	1.10							0.8
SHL	HZ	1769	355	EP		1357	6.61	-1.66							0.8

February 15 2021 Hour: 15:53 50.2 Lat: 25.24N Lon: 85.32E D: 5.0F Ag: NCS Local
Magnitudes: 3.4ML NCS 3.6MW NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GAYA	BZ	49	190	EP		1553	58.61	-0.19							1.0
GAYA	BE	49	190	ES		1554	5.57	0.51							1.0
GAYA	BN	49	190	IAML		1554	7.48			1195	0.1				
JMUI	BZ	98	110	EP		1554	5.83	-1.36							1.0
JMUI	BN	98	110	ES		1554	19.21	-0.37							1.0
JMUI	BN	98	110	IAML		1554	19.75			2075	0.3				
JMUI	BE	98	110	IAML		1554	19.91			2682	0.1				
SHBG	BZ	233	90	EP		1554	27.89	2.06							1.0
SHBG	BE	233	90	ES		1554	52.53	0.71							1.0
SHBG	BN	233	90	IAML		1554	59.57			271	0.2				
SHBG	BE	233	90	IAML		1554	59.84			416	0.3				
ALBI	BZ	354	272	EP		1554	40.37	-0.18							1.0
ALBI	BN	354	272	ES		1555	17.06	-0.23							1.0
ALBI	BN	354	272	IAML		1555	20.62			82	0.3				
SHL	HZ	672	86	EP		1555	19.08	-0.86							1.0
SAIH	SZ	838	110	ES		1556	59.68	-0.10							1.0

February 16 2021 Hour: 0:49 29.2 Lat: 17.35S Lon: 167.86E D: 15.0F Ag: NCS Regional
 Magnitudes: 6.0Ms NCS 6.2MW NCS Rms: 0.6 secs
 Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PBA	HZ	8856	286	EP		1 1	35.95	-0.03							1.0
PBA	HE	8856	286	ES		111	38.60	0.42							1.0
SAIH	SZ	9263	296	EP		1 1	55.66	0.31							1.0
SAIH	SE	9263	296	ES		112	15.52	-0.49							1.0
IMP	SZ	9270	298	EP		1 1	55.59	-0.01							1.0
IMP	SE	9270	298	ES		112	15.30	-0.71							1.0
MOKO	SZ	9281	300	EP		1 1	56.86	0.31							1.0
MOKO	SE	9281	300	ES		112	16.45	-1.00							1.0
KOHI	SZ	9293	299	EP		1 1	57.50	0.34							1.0
KOHI	SE	9293	299	ES		112	17.25	-1.00							1.0
KOHI	SZ	9293	299	IAMs_20		134	13.61			7661	23.4				
JORH	SZ	9323	300	EP		1 1	59.15	1.13							1.0
JORH	SN	9323	300	ES		112	20.17	1.04							1.0
AZL	SZ	9342	297	EP		1 1	59.88	0.90							1.0
AZL	SN	9342	297	ES		112	20.61	0.26							1.0
AZL	SZ	9342	297	IAMs_20		135	48.74			7290	22.0				
ITAN	SZ	9389	301	EP		1 2	1.83	0.75							1.0
ITAN	SE	9389	301	ES		112	22.99	-0.09							1.0
SHL	HZ	9483	298	EP		1 2	6.01	0.20							1.0
SHL	HN	9483	298	ES		112	28.81	-0.53							1.0
AGT	SZ	9485	297	EP		1 2	6.47	1.08							1.0
AGT	SN	9485	297	ES		112	30.00	1.46							0.9
GUWA	SZ	9537	299	EP		1 2	7.91	0.24							1.0
GUWA	SN	9537	299	ES		112	31.07	-0.43							1.0
BOKR	HZ	9995	295	EP		1 2	27.53	0.05							1.0
BOKR	HE	9995	295	ES		112	56.44	-0.36							1.0
MDRS	HZ10197	283	EP			1 2	35.67	-0.25							1.0
MDRS	HE10197	283	ES			113	7.57	0.38							1.0
MDRS	HZ10197	283	IAMs_20			135	24.58			8607	27.8				
TRVM	HZ10388	278	EP			1 2	44.48	0.63							1.0
TRVM	HE10388	278	ES			113	17.06	0.23							1.0
TRVM	HZ10388	278	IAMs_20			140	16.42			10971	26.3				
HYB	HZ10508	287	EP			1 2	48.47	-0.35							1.0
HYB	HE10508	287	ES			113	22.46	-0.42							1.0
BHPL	HZ10802	292	EP			1 3	0.16	-0.49							1.0
BHPL	HN10802	292	ES			113	36.86	0.09							1.0
BHPL	HZ10802	292	IAMs_20			140	51.01			4774	16.6				
GOA	HZ10933	284	EP			1 3	5.32	-0.65							1.0
GOA	HE10933	284	ES			113	42.71	-0.07							1.0
GOA	HZ10933	284	IAMs_20			138	17.95			7053	26.8				
POO	HZ11021	287	EP			1 3	8.93	-0.28							1.0
POO	HN11021	287	ES			113	46.76	-0.14							1.0
SMLA	HZ11055	300	EP			1 3	10.68	-0.09							1.0
SMLA	HN11055	300	ES			113	47.94	-0.84							1.0
DHRM	HZ11165	301	EP			1 3	16.00	0.35							1.0
DHRM	HN11165	301	ES			113	53.90	-0.60							1.0
DHRM	HZ11165	301	IAMs_20			138	4.57			4044	20.5				
BHUJ	HZ11572	290	EP			1 3	30.93	-0.18							1.0
BHUJ	HZ11572	290	IAmb			1 3	35.16			9	0.3				
BHUJ	HE11572	290	ES			114	9.58	-0.92							1.0
BHUJ	HZ11572	290	IAMs_20			143	44.06			6128	29.0				

February 16 2021 Hour: 1:22 19.2 Lat: 16.93S Lon: 168.20E D: 10.0F Ag: NCS Regional
 Magnitudes: 5.7Ms NCS Rms: 0.6 secs
 Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SAIH	SZ	9275	296	EP		134	47.07	0.26							1.0
IMP	SZ	9280	298	EP		134	47.67	0.73							1.0
MOKO	SZ	9289	300	EP		134	47.10	-0.72							1.0

KOHI	SZ	9302	299	EP	134	48.66	0.20									1.0
KOHI	SZ	9302	299	IAMs_20	143	48.10			3306	20.3						
JORH	SZ	9331	300	EP	134	49.79	0.52									1.0
AZL	SZ	9354	297	EP	134	49.79	-0.59									1.0
SILR	SZ	9385	298	EP	134	50.68	-1.06									1.0
SILR	SZ	9385	298	IAMs_20	141	23.01			4611	21.4						
SHL	HZ	9493	298	EP	134	57.36	0.22									1.0
SHL	HZ	9493	298	IAMs_20	142	21.09			2644	20.8						
AGT	SZ	9497	297	EP	134	57.17	0.37									1.0

February 16 2021 Hour: 13:30 47.5 Lat: 35.11N Lon: 68.84E D: 10.0F Ag: NCS Local
Magnitudes: 3.4ML NCS 3.7MW NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THN	BN	709	113	EP		1332	21.57	0.90							1.0
THN	BN	709	113	ES		1333	28.06	-0.66							1.0
THN	BN	709	113	IAML		1333	31.66			26	0.8				
TSSA	BZ	721	108	EP		1332	22.11	-0.55							1.0
TSSA	BN	721	108	ES		1333	32.42	0.27							1.0
TSSA	BN	721	108	IAML		1333	36.75			52	0.1				
KLP	BZ	961	112	EP		1332	51.66	-0.35							1.0
KLP	BN	961	112	ES		1334	23.32	0.39							1.0
KLP	BN	961	112	IAML		1334	39.99			19	2.9				

February 16 2021 Hour: 16:25 7.4 Lat: 35.04N Lon: 78.25E D: 35.8 Ag: NCS Local
Magnitudes: 3.0ML NCS 3.3MW NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TSSA	BZ	312	219	EP		1625	48.66	-1.38							1.0
TSSA	BN	312	219	ES		1626	20.69	-0.49							1.0
TSSA	BE	312	219	IAML		1626	22.15			127	0.5				
DHRM	HZ	358	211	EP		1625	55.99	0.20							1.0
DHRM	HE	358	211	ES		1626	31.22	0.09							1.0
DHRM	HE	358	211	IAML		1626	33.29			74	0.6				
THN	BZ	367	219	EP		1625	56.50	0.40							1.0
THN	BE	367	219	ES		1626	32.18	0.52							1.0
THN	BE	367	219	IAML		1626	42.63			53	0.6				
KLP	BZ	387	180	EP		1625	59.73	0.49							1.0
KLP	BN	387	180	ES		1626	36.05	-1.03							1.0
SMLA	HZ	445	193	EP		1626	6.39	0.45							1.0
SMLA	HN	445	193	ES		1626	49.43	0.75							1.0
SMLA	HE	445	193	IAML		1626	53.78			28	0.4				

February 16 2021 Hour: 20:36 56.4 Lat: 12.33N Lon: 94.43E D: 10.0F Ag: NCS Local
Magnitudes: 3.8ML NCS 4.0MW NCS Rms: 1.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PBA	HZ	199	248	EP		2037	26.96	-0.26							1.0
PBA	HE	199	248	ES		2037	50.19	0.51							1.0
PBA	HE	199	248	IAML		2037	52.06			1486	1.1				
PBA	HN	199	248	IAML		2037	52.32			1889	0.9				
SAIH	SZ	1135	352	EP		2039	21.73	0.09							1.0
SAIH	SN	1135	352	ES		2041	7.65	0.02							1.0
SAIH	SN	1135	352	IAML		2041	22.37			17	2.4				
AZL	SZ	1276	352	EP		2039	39.12	0.26							1.0
AZL	SN	1276	352	ES		2041	38.58	1.15							1.0
AZL	SN	1276	352	IAML		2041	55.08			15	1.5				
KOHI	SZ	1483	359	EP		2040	3.08	-1.50							1.0
KOHI	SN	1483	359	ES		2042	23.41	1.49							1.0
KOHI	SN	1483	359	IAML		2042	35.10			12	3.5				
SHL	HZ	1488	350	EP		2040	4.38	-0.78							1.0
SHL	HN	1488	350	ES		2042	21.97	-0.95							1.0
BOKR	HZ	1558	326	EP		2040	14.59	1.35							1.0
BOKR	HN	1558	326	ES		2042	35.52	-1.37							1.0

February 17 2021 Hour: 10:58 54.1 Lat: 36.42N Lon: 69.48E D:209.0 Ag: NCS Local
Magnitudes: 4.2ML NCS 4.2MW NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	635	128	EP		11 0	17.54	-0.37							1.0
JMU	BE	635	128	ES		11 1	18.94	-0.15							1.0
JMU	BE	635	128	IAML		11 1	24.45			438	0.3				
JMU	BN	635	128	IAML		11 1	24.57			924	0.5				
TSSA	BZ	729	121	EP		11 0	29.26	-0.29							1.0
TSSA	BN	729	121	ES		11 1	38.76	-0.47							1.0
TSSA	BN	729	121	IAML		11 1	42.86			720	0.2				
TSSA	BE	729	121	IAML		11 1	42.89			536	0.2				
THN	BZ	730	125	EP		11 0	29.30	0.31							1.0
THN	BE	730	125	ES		11 1	38.17	-0.10							1.0
THN	BE	730	125	IAML		11 1	43.78			333	0.3				
ALCI	BZ	742	107	EP		11 0	29.90	-0.70							1.0
ALCI	BE	742	107	ES		11 1	41.00	-0.04							1.0
ALCI	BE	742	107	IAML		11 1	45.36			86	0.4				
ALCI	BN	742	107	IAML		11 1	46.08			104	0.4				
DHRM	HZ	780	124	EP		11 0	36.12	0.51							1.0
DHRM	HN	780	124	ES		11 1	49.76	0.04							1.0
DHRM	HE	780	124	IAML		11 1	52.20			504	0.2				
DHRM	HN	780	124	IAML		11 1	52.40			514	0.3				
BHK	BZ	847	129	EP		11 0	43.91	1.15							1.0
BHK	BN	847	129	ES		11 2	3.32	1.24							1.0
BHK	BN	847	129	IAML		11 2	8.97			308	0.4				
SMLA	HZ	923	127	EP		11 0	51.57	-0.45							1.0
SMLA	HE	923	127	ES		11 2	19.05	0.95							1.0
SMLA	HN	923	127	IAML		11 2	22.70			180	0.2				
HNLY	BZ	959	112	EP		11 0	57.70	1.45							1.0
HNLY	BE	959	112	ES		11 2	24.22	-1.21							1.0
HNLY	BE	959	112	IAML		11 2	36.13			22	0.8				
HNLY	BN	959	112	IAML		11 2	36.47			26	1.0				
KLP	BZ	974	121	EP		11 0	58.30	-0.19							1.0
KLP	BN	974	121	ES		11 2	29.46	0.16							1.0
KLP	BE	974	121	IAML		11 2	34.04			143	0.3				
KLP	BN	974	121	IAML		11 2	34.30			180	0.4				
KUDL	HZ	1130	142	EP		11 1	15.18	-1.21							1.0
KUDL	HE	1130	142	ES		11 2	59.63	-0.64							1.0
KUDL	HE	1130	142	IAML		11 3	3.97			79	0.3				

February 17 2021 Hour: 12:24 46.3 Lat: 26.74N Lon: 92.61E D: 11.5 Ag: NCS Local
Magnitudes: 4.7ML NCS 4.6MW NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TEZP	SZ	24	125	EP	C	1224	51.07	0.27							1.0
TEZP	SN	24	125	ES		1224	53.59	-0.53							1.0
TEZP	SE	24	125	IAML		1224	54.61			62020	0.2				
GUWA	SZ	110	237	EP		1225	5.10	-0.17							1.0
ITAN	SZ	120	68	EP		1225	6.87	0.01							1.0
ITAN	SN	120	68	ES		1225	21.21	-0.69							1.0
ITAN	SE	120	68	IAML		1225	25.32			34661	0.4				
ITAN	SN	120	68	IAML		1225	25.55			49515	0.4				
SHL	HZ	144	205	EP		1225	10.99	0.28							1.0
SHL	HE	144	205	ES		1225	28.31	-0.24							1.0
SHL	HN	144	205	IAML		1225	29.82			14081	0.3				
ZIRO	SZ	151	55	EP		1225	11.33	0.25							1.0
ZIRO	SN	151	55	ES		1225	29.30	0.11							1.0
ZIRO	SE	151	55	IAML		1225	33.36			44291	0.5				
JORH	SZ	164	90	EP		1225	13.29	0.69							1.0
KOHI	SZ	188	127	EP		1225	15.55	-0.55							1.0
KOHI	SN	188	127	ES		1225	36.82	-1.06							1.0
KOHI	SN	188	127	IAML		1225	42.39			9193	0.4				

MOKO	SZ	196	103	EP	1225	16.95	-0.07									1.0
MOKO	SN	196	103	ES	1225	39.10	-0.37									1.0
MOKO	SN	196	103	IAML	1225	42.95			34049	0.6						
MOKO	SE	196	103	IAML	1225	43.03			30791	0.6						
SILR	SZ	218	175	EP	1225	19.50	0.28									1.0
IMP	SZ	251	147	EP	1225	23.86	0.62									1.0
IMP	SN	251	147	ES	1225	52.82	2.59									1.0
IMP	SE	251	147	IAML	1226	1.46			2686	0.8						
IMP	SN	251	147	IAML	1226	1.98			2862	0.8						
AZL	SZ	333	179	EP	1225	33.36	0.08									1.0
AZL	SN	333	179	ES	1226	7.96	0.36									1.0
AZL	SN	333	179	IAML	1226	12.60			1846	0.6						
AGT	SZ	344	204	EP	1225	34.72	0.08									1.0
AGT	SN	344	204	ES	1226	8.54	-1.41									1.0
AGT	SN	344	204	IAML	1226	18.81			1809	0.6						
BELO	SZ	404	197	EP	1225	42.33	0.39									1.0
BELO	SN	404	197	ES	1226	22.81	0.22									1.0
BELO	SN	404	197	IAML	1226	25.83			3734	0.4						
SAIH	SZ	472	175	EP	1225	50.26	-0.13									1.0
SAIH	SN	472	175	ES	1226	36.21	-0.99									1.0

February 17 2021 Hour: 15:121.7 Lat: 36.72N Lon: 71.22E D: 20.0F Ag: NCS Local
Magnitudes: 3.4ML NCS 3.5MW NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TSSA	BZ	623	132	EP		15 2	44.66	0.91							1.0
TSSA	BN	623	132	ES		15 3	44.15	0.51							1.0
TSSA	BN	623	132	IAML		15 3	49.88			83	0.2				
THN	BZ	633	137	EP		15 2	44.88	0.47							1.0
THN	BE	633	137	ES		15 3	44.54	-0.24							1.0
THN	BE	633	137	IAML		15 3	50.97			28	0.3				
DHRM	HZ	681	135	EP		15 2	51.36	0.48							1.0
DHRM	HE	681	135	ES		15 3	57.35	1.38							1.0
DHRM	HE	681	135	IAML		15 4	0.72			135	0.7				
SMLA	HZ	828	137	EP		15 3	7.26	-1.17							1.0
SMLA	HN	828	137	ES		15 4	25.24	-1.09							1.0
SMLA	HN	828	137	IAML		15 4	31.45			26	0.5				
KLP	BZ	865	129	EP		15 3	12.64	-0.69							1.0
KLP	BE	865	129	ES		15 4	34.23	-0.58							1.0
KLP	BE	865	129	IAML		15 4	38.57			22	0.7				

February 17 2021 Hour: 17:32 28.9 Lat: 36.88N Lon: 70.96E D:326.8 Ag: NCS Local
Magnitudes: 4.3ML NCS 4.2MW NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	576	141	EP		1733	50.91	-0.43							1.0
JMU	BE	576	141	ES		1734	51.78	0.27							1.0
JMU	BE	576	141	IAML		1734	53.70			281	0.4				
JMU	BN	576	141	IAML		1734	53.70			238	0.3				
TSSA	BZ	653	132	EP		1734	0.29	-0.02							1.0
TSSA	BE	653	132	ES		1735	6.44	-0.58							1.0
TSSA	BN	653	132	IAML		1735	8.70			460	0.4				
TSSA	BE	653	132	IAML		1735	8.87			413	0.3				
THN	BZ	663	137	EP		1734	1.44	0.64							1.0
THN	BN	663	137	ES		1735	7.96	0.09							1.0
THN	BE	663	137	IAML		1735	9.31			468	0.6				
DHRM	HZ	710	135	EP		1734	7.09	0.36							1.0
DHRM	HE	710	135	ES		1735	18.44	0.31							1.0
DHRM	HN	710	135	IAML		1735	19.44			748	0.5				
DHRM	HE	710	135	IAML		1735	19.73			998	0.6				
BHK	BZ	787	139	EP		1734	14.06	-0.52							1.0
BHK	BE	787	139	ES		1735	31.98	0.28							1.0
BHK	BN	787	139	IAML		1735	33.64			383	0.7				
BHK	BE	787	139	IAML		1735	33.85			238	0.4				

SMLA	HZ	858	136	EP	1734	23.53	0.67									1.0
SMLA	HE	858	136	ES	1735	44.92	-1.11									1.0
SMLA	HN	858	136	IAML	1735	48.37				301	0.5					
KLP	BZ	895	129	EP	1734	27.20	-0.31									1.0
KLP	BN	895	129	ES	1735	54.33	0.26									1.0
KLP	BE	895	129	IAML	1735	58.27				150	0.4					
KLP	BN	895	129	IAML	1735	58.39				146	0.6					
PTH	BZ	1181	131	EP	1735	0.16	-0.39									1.0
PTH	BN	1181	131	ES	1736	51.70	0.46									1.0
PTH	BN	1181	131	IAML	1736	57.63				10	0.4					

February 17 2021 Hour: 22:20 49.4 Lat: 31.02N Lon: 78.03E D: 5.0F Ag: NCS Local
Magnitudes: 2.1ML NCS 2.2MW NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UTK	BZ	52	129	EP		2220	58.11	-0.57							1.0
UTK	BE	52	129	ES		2221	4.93	-0.52							1.0
UTK	BN	52	129	IAML		2221	6.06			51	0.2				
SMLA	HZ	82	278	EP		2221	3.39	-0.56							1.0
SMLA	HN	82	278	ES		2221	14.42	-0.13							1.0
SMLA	HE	82	278	IAML		2221	15.87			60	0.3				
DHRM	HZ	212	310	EP		2221	23.26	0.03							1.0
DHRM	HE	212	310	ES		2221	47.79	-0.12							1.0
DHRM	HN	212	310	IAML		2221	50.24			17	0.2				
THN	BZ	263	307	EP		2221	29.17	0.48							1.0
THN	BN	263	307	ES		2221	59.31	1.95							1.0
THN	BE	263	307	IAML		2222	0.50			7	0.2				
THN	BN	263	307	IAML		2222	0.58			8	0.3				
PTH	BZ	263	127	EP		2221	29.90	0.54							1.0
PTH	BN	263	127	ES		2221	59.29	0.78							1.0
TSSA	BZ	268	319	EP		2221	29.53	-0.42							1.0
TSSA	BN	268	319	ES		2221	58.09	-1.45							1.0
TSSA	BN	268	319	IAML		2222	4.53			24	0.4				

February 17 2021 Hour: 22:49 37.0 Lat: 22.98S Lon: 172.03E D: 10.0F Ag: NCS Regional
Magnitudes: 6.0MW NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PWAL	BZ			EP		23 3	37.32								
PWAL	BN			ES		2314	18.28								
PBA	HZ	9440	285	EP		23 2	11.45	-0.75							0.0
PBA	HE	9440	285	ES		2312	33.84	-1.45							0.9
SAIH	SZ	9922	295	EP		23 2	34.05	0.86							1.0
SAIH	SE	9922	295	ES		2313	2.74	0.43							1.0
IMP	SZ	9945	297	EP		23 2	34.05	-0.00							1.0
IMP	SE	9945	297	ES		2313	4.53	1.11							1.0
MOKO	SZ	9965	299	EP		23 2	35.57	0.23							1.0
MOKO	SE	9965	299	ES		2313	5.85	0.57							1.0
KOHI	SZ	9973	298	EP		23 2	35.53	-0.20							1.0
KOHI	SE	9973	298	ES		2313	5.25	-0.55							1.0
AZL	SZ10008	296	EP			23 2	37.21	0.44							1.0
AZL	SN10008	296	ES			2313	6.46	-0.39							1.0
JORH	SZ10009	299	EP			23 2	37.46	0.76							1.0
JORH	SN10009	299	ES			2313	7.35	0.56							1.0
ITAN	SZ10076	299	EP			23 2	40.37	0.83							1.0
ITAN	SE10076	299	ES			2313	10.95	0.55							1.0
TEZP	SZ10134	298	EP			23 2	42.27	0.36							1.0
TEZP	SE10134	298	ES			2313	12.62	-0.69							1.0
AGT	SZ10149	295	EP			23 2	44.92	2.35							0.8
AGT	SE10149	295	ES			2313	14.82	0.74							1.0
SHL	HZ10158	297	EP			23 2	43.91	0.45							1.0
SHL	HE10158	297	ES			2313	14.78	-0.68							1.0
GUWA	SZ10214	298	EP			23 2	45.37	0.11							1.0
GUWA	SE10214	298	ES			2313	16.51	-0.94							1.0

COBR	BZ10422	297	EP	23	2	53.75-0.10	1.0
COBR	BE10422	297	ES	2313		28.00 0.12	1.0
BWNR	BZ10501	290	EP	23	2	57.62 0.44	1.0
BWNR	BE10501	290	ES	2313		31.91 0.14	1.0
JPG	BZ10502	297	EP	23	2	56.65-0.49	1.0
JPG	BE10502	297	ES	2313		32.15 0.32	1.0
BOKR	HZ10646	293	EP	23	3	3.60 0.47	1.0
BOKR	HE10646	293	ES	2313		39.89 1.00	1.0
JMUI	BZ10662	294	EP	23	3	3.16-0.52	1.0
JMUI	BE10662	294	ES	2313		39.15-0.36	1.0
RAGD	BZ10688	288	EP	23	3	5.33 0.51	1.0
RAGD	BE10688	288	ES	2313		40.68-0.07	1.0
MDRS	HZ10753	281	EP	23	3	7.04-0.49	1.0
VJD	BZ10852	285	EP	23	3	12.74 1.28	0.9
VJD	BE10852	285	ES	2313		50.25 1.86	0.9
TRVM	HZ10894	276	EP	23	3	13.04-0.21	1.0
KOD	BZ10914	278	EP	23	3	13.44-0.91	1.0
KOD	BE10914	278	ES	2313		53.94 2.12	0.9
KNKR	BZ10920	288	EP	23	3	13.92-0.33	1.0
BLSP	BZ10928	290	EP	23	3	15.05 0.52	1.0
BLSP	BE10928	290	ES	2313		51.80-0.23	1.0
GKPR	BZ10997	295	EP	23	3	15.09-1.79	0.9
GKPR	BE10997	295	ES	2313		55.04 0.01	1.0
ALBI	BZ11092	293	EP	23	3	21.25 0.58	1.0
ALBI	BN11092	293	ES	2313		57.09-2.20	0.8
HYB	HZ11096	285	EP	23	3	21.10 0.18	1.0
HYB	HE11096	285	ES	2313		58.60-1.01	1.0
NGP	BZ11194	289	EP	23	3	24.65-0.15	1.0
NGP	BE11194	289	ES	2314		3.34-0.54	1.0
LKN	BZ11233	294	EP	23	3	25.67-0.70	1.0
LKN	BE11233	294	ES	2314		5.54-0.06	1.0
LATR	BZ11335	285	EP	23	3	30.84 0.38	1.0
LATR	BE11335	285	ES	2314		9.15-0.88	1.0
AKL	BZ11375	287	EP	23	3	32.37 0.38	1.0
AKL	BE11375	287	ES	2314		10.35-1.29	0.9
JHNI	BZ11399	292	EP	23	3	33.18 0.25	1.0
JHNI	BE11399	292	ES	2314		12.01-0.61	1.0
PTH	BZ11403	297	EP	23	3	35.26 1.51	0.9
PTH	BE11403	297	ES	2314		12.16-1.76	0.9
BHPL	HZ11430	290	EP	23	3	34.62 0.41	1.0
BHPL	HE11430	290	ES	2314		14.33 0.33	1.0
NRDN	BZ11486	289	EP	23	3	37.93 1.50	0.9
GUNA	BZ11491	291	EP	23	3	35.44-1.23	1.0
GUNA	BE11491	291	ES	2314		16.78 0.18	1.0
GOA	HZ11492	281	EP	23	3	36.64-0.01	1.0
AGRA	BZ11518	294	EP	23	3	38.19 0.50	1.0
KAD	BZ11526	283	EP	23	3	38.24 0.22	1.0
UTK	BZ11605	298	EP	23	3	39.41-2.01	0.9
UTK	BE11605	298	ES	2314		21.01-0.67	1.0
MERT	BZ11608	296	EP	23	3	41.10-0.20	1.0
MERT	BN11608	296	ES	2314		21.04-0.34	1.0
DDI	HZ11626	297	EP	23	3	42.44 0.43	1.0
DDI	HE11626	297	ES	2314		22.29 0.18	1.0
LDR	HZ11643	295	EP	23	3	42.62-0.04	1.0
LDR	HN11643	295	ES	2314		20.22-2.54	0.8
NDI	HZ11647	295	EP	23	3	43.48 0.64	1.0
NDI	HE11647	295	ES	2314		22.60-0.35	1.0
NPL	BZ11649	295	EP	23	3	42.53-0.40	1.0
UJWA	BZ11671	295	EP	23	3	43.27-0.59	1.0
UJWA	BE11671	295	ES	2314		24.17 0.15	1.0
BOM	BZ11722	284	EP	23	3	46.12 0.31	1.0
BOM	BN11722	284	ES	2314		25.45-0.50	1.0
KKR	BZ11727	296	EP	23	3	46.10 0.03	1.0
KKR	BN11727	296	ES	2314		26.60 0.34	1.0

RTK	BZ11733	295	EP	23	3	46.53	0.24								1.0
RTK	BE11733	295	ES	2314		24.38	-2.10								0.9
SMLA	HZ11734	298	EP	23	3	46.99	0.40								1.0
SMLA	HE11734	298	ES	2314		26.73	-0.23								1.0
CGRH	BZ11761	297	EP	23	3	47.64	0.22								1.0
AJM	BZ11811	292	EP	23	3	49.88	0.42								1.0
AJM	BN11811	292	ES	2314		29.56	-0.10								1.0
BHK	BZ11815	298	EP	23	3	49.82	0.27								1.0
BHK	BE11815	298	ES	2314		29.69	-0.02								1.0
UDPR	BZ11836	290	EP	23	3	52.16	1.79								0.9
UDPR	BE11836	290	ES	2314		30.36	-0.17								1.0
DHRM	HZ11849	298	EP	23	3	51.47	-0.21								1.0
DHRM	HN11849	298	ES	2314		31.98	-0.41								1.0
TSSA	BZ11883	299	EP	23	3	52.45	-0.45								1.0
TSSA	BE11883	299	ES	2314		33.39	-0.13								1.0
BHV	BZ11890	287	EP	23	3	52.20	-0.32								1.0
BHV	BE11890	287	ES	2314		32.54	-0.10								1.0
THN	BZ11901	298	EP	23	3	53.63	0.60								1.0
THN	BE11901	298	ES	2314		33.62	0.42								1.0
SRGN	BZ11996	295	EP	23	3	56.90	0.10								1.0
SRGN	BE11996	295	ES	2314		37.08	0.24								1.0
SRIN	BZ12041	300	EP	23	3	59.27	0.69								1.0
SRIN	BE12041	300	ES	2314		37.59	-0.99								1.0
JASL	BZ12182	292	EP	23	4	3.92	-0.30								1.0
JASL	BE12182	292	ES	2314		43.75	-0.16								1.0

February 17 2021 Hour: 23:59 49.1 Lat: 17.74N Lon: 73.54E D: 5.0F Ag: NCS Local
Magnitudes: 3.1ML NCS 3.3MW NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KAD	BZ	84	125	EP		24	0	3.50-0.08							1.0
KAD	BN	84	125	ES		24	0	13.21-0.97							1.0
KAD	BN	84	125	IAML		24	0	14.81		440	0.3				
POO	HZ	93	21	EP		24	0	4.72-0.60							1.0
POO	HE	93	21	ES		24	0	16.25-0.93							1.0
POO	HN	93	21	IAML		24	0	20.00		345	0.1				
TLSR	HZ	272	346	EP		24	0	29.91 0.49							1.0
TLSR	HE	272	346	ES		24	0	58.58-0.30							1.0
LATR	BZ	325	76	EP		24	0	36.77 0.82							1.0
LATR	BN	325	76	ES		24	1	11.28 1.10							1.0
LATR	BN	325	76	IAML		24	1	22.06		164	0.3				
AKL	BN	491	48	ES		24	1	45.89 0.72							1.0
AKL	BN	491	48	IAML		24	2	6.51		98	0.3				
HYB	HE	533	93	ES		24	1	53.99-0.26							1.0
HYB	HE	533	93	IAML		24	1	54.33		16	0.2				

February 18 2021 Hour: 2: 9 8.2 Lat: 36.50N Lon: 74.66E D: 10.0F Ag: NCS Local
Magnitudes: 3.0ML NCS 3.6MW NCS Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	342	137	EP		2	9	56.93 0.26							1.0
ALCI	BN	342	137	ES		210		32.05-0.03							1.0
TSSA	BZ	428	161	EP		210		7.72 0.04							1.0
TSSA	BN	428	161	ES		210		50.79-0.33							1.0
TSSA	BN	428	161	IAML		211		1.08		46	0.6				
THN	BZ	462	166	EP		210		11.65 0.47							1.0
THN	BE	462	166	ES		210		57.12-0.05							1.0
DHRM	HZ	495	162	EP		210		15.58-0.34							1.0
DHRM	HN	495	162	ES		211		5.97 0.60							1.0
DHRM	HN	495	162	IAML		211		19.30		25	0.4				
SMLA	HZ	639	158	EP		210		32.59-0.46							1.0
SMLA	HN	639	158	ES		211		34.85-0.16							1.0
SMLA	HE	639	158	IAML		211		46.57		19	0.5				
SMLA	HN	639	158	IAML		211		46.91		28	0.6				

February 18 2021 Hour: 6:37 30.3 Lat: 18.60S Lon: 168.71E D: 12.1 Ag: NCS Regional
 Magnitudes: 5.9Ms NCS 6.1MW NCS Rms: 0.5 secs
 Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PWAL	BZ			EP		651	11.90								
SAIH	SZ	9404	296	EP		650	3.41	-0.02							1.0
SAIH	SE	9404	296	ES		7 0	25.72	-0.25							1.0
IMP	SZ	9414	298	EP		650	3.65	-0.18							1.0
IMP	SZ	9414	298	IAMs_20		719	55.09			7834	37.8				
MOKO	SZ	9427	300	EP		650	5.56	0.70							1.0
MOKO	SE	9427	300	ES		7 0	27.77	-0.25							1.0
KOHI	SZ	9438	299	EP		650	5.53	0.11							1.0
KOHI	SE	9438	299	ES		7 0	28.50	-0.26							1.0
JORH	SZ	9470	300	EP		650	6.61	0.30							1.0
JORH	SE	9470	300	ES		7 0	29.52	-0.15							1.0
AZL	SZ	9485	297	EP		650	6.89	-0.16							1.0
AZL	SE	9485	297	ES		7 0	30.31	-0.30							1.0
SILR	SZ	9519	298	EP		650	8.93	0.44							1.0
SILR	SN	9519	298	ES		7 0	32.45	0.02							1.0
ITAN	SZ	9536	300	EP		650	9.56	0.24							1.0
ITAN	SN	9536	300	ES		7 0	33.29	-0.26							1.0
BELO	SZ	9582	296	EP		650	11.36	0.05							1.0
BELO	SN	9582	296	ES		7 0	35.78	-0.24							1.0
TEZP	SE	9598	300	ES		7 0	36.49	-0.45							1.0
AGT	SZ	9627	296	EP		650	13.28	-0.04							1.0
AGT	SE	9627	296	ES		7 0	41.74	3.15							0.7
SHL	HZ	9628	298	EP		650	13.72	-0.14							1.0
SHL	HN	9628	298	ES		7 0	39.55	0.02							1.0
GUWA	SE	9682	299	ES		7 0	41.49	-0.16							1.0
CAL	BZ	9851	294	EP		650	23.04	0.08							1.0
CAL	BE	9851	294	ES		7 0	51.23	0.31							1.0
COBR	BZ	9893	298	EP		650	25.38	0.67							1.0
JPG	BZ	9973	298	EP		650	26.96	-1.13							1.0
JPG	BE	9973	298	ES		7 0	57.35	-0.14							1.0
BOKR	HZ10134	295	EP			650	35.13	0.21							1.0
BOKR	HN10134	295	ES			7 1	6.56	0.49							1.0
JMUI	BZ10144	296	EP			650	34.97	-0.28							1.0
JMUI	BE10144	296	ES			7 1	6.53	0.08							1.0
RAGD	BZ10205	290	EP			650	36.66	-1.16							1.0
RAGD	BE10205	290	ES			7 1	9.79	0.22							1.0
RAGD	BZ10205	290	IAMs_20			724	30.71			5067	28.8				
GAYA	BZ10234	295	EP			650	39.79	0.79							1.0
GAYA	BE10234	295	ES			7 1	11.73	0.65							1.0
VJD	BZ10390	286	EP			650	45.31	-0.21							1.0
BLSP	BZ10432	292	EP			650	47.56	0.30							1.0
BLSP	BE10432	292	ES			7 1	20.85	-0.24							1.0
VLK	BZ10454	297	EP			650	47.66	-0.41							1.0
VLK	BE10454	297	ES			7 1	21.93	-0.20							1.0
VAR	BZ10465	295	EP			650	48.15	-0.36							1.0
VAR	BE10465	295	ES			7 1	21.77	-0.84							1.0
GKPR	BZ10475	297	EP			650	49.90	0.99							1.0
GKPR	BE10475	297	ES			7 1	23.74	0.64							1.0
SALM	BZ10478	281	EP			650	48.45	-0.82							1.0
TRVM	HZ10495	277	EP			650	50.44	0.53							1.0
TRVM	HE10495	277	ES			7 1	24.45	0.35							1.0
TRVM	HZ10495	277	IAMs_20			726	1.32			6980	34.9				
KOD	BZ10501	279	EP			650	51.63	1.16							1.0
KOD	BE10501	279	ES			7 1	24.36	-0.60							1.0
ALBI	BZ10579	295	EP			650	53.39	0.18							1.0
ALBI	BN10579	295	ES			7 1	28.04	-0.15							1.0
HYB	HZ10633	286	EP			650	56.25	0.68							1.0
HYB	HE10633	286	ES			7 1	31.14	0.22							1.0
NGP	BZ10708	290	EP			650	58.01	-0.54							1.0

NGP	BE10708	290	ES	7	1	34.37-0.05		1.0
LKN	BZ10715	296	EP	650		59.47 0.70		1.0
MNGI	BZ10861	281	EP	651		4.07-0.66		1.0
FRKB	BZ10862	296	EP	651		3.73-0.96		1.0
FRKB	BE10862	296	ES	7	1	42.19 0.57		1.0
LATR	BZ10871	287	EP	651		4.93-0.22		1.0
LATR	BE10871	287	ES	7	1	41.56-0.48		1.0
PTH	BZ10873	299	EP	651		5.69-0.01		1.0
PTH	BE10873	299	ES	7	1	43.19 0.06		1.0
JHNI	BZ10891	294	EP	651		5.31-0.50		1.0
JHNI	BN10891	294	ES	7	1	41.30-1.53		0.9
BHPL	HN10936	292	ES	7	1	45.55 0.60		1.0
GUNA	BZ10989	293	EP	651		9.67 0.12		1.0
NRDN	BZ10999	290	EP	651		10.39 0.50		1.0
NRDN	BE10999	290	ES	7	1	47.97 0.18		1.0
AGRA	BZ11003	296	EP	651		10.76 0.74		1.0
AGRA	BE11003	296	ES	7	1	47.73-0.18		1.0
UNCH	BZ11029	297	EP	651		11.01-0.14		1.0
GOA	HZ11053	283	EP	651		12.34 0.33		1.0
GOA	HE11053	283	ES	7	1	50.15-0.00		1.0
GOA	HZ11053	283	IAMs_20	726		20.80	7671 32.2	
UTK	BZ11072	299	EP	651		12.39-0.65		1.0
KAD	BZ11073	285	EP	651		12.76-0.10		1.0
MERT	BZ11084	297	EP	651		13.35 0.06		1.0
HNLY	BZ11086	301	EP	651		12.63-0.89		1.0
HNLY	BE11086	301	ES	7	1	52.47 0.50		1.0
DDI	HZ11095	299	EP	651		13.65-0.08		1.0
DDI	HN11095	299	ES	7	1	52.54 0.44		1.0
BISR	BZ11100	297	EP	651		13.68-0.28		1.0
BISR	BE11100	297	ES	7	1	52.26-0.12		1.0
KLP	BZ11113	300	EP	651		15.54 0.45		1.0
KLP	BE11113	300	ES	7	1	53.60-0.40		1.0
JMIU	BZ11114	297	EP	651		13.90-0.59		1.0
LDR	HZ11121	297	EP	651		15.30 0.55		1.0
NDI	HZ11125	297	EP	651		14.79-0.12		1.0
NDI	HE11125	297	ES	7	1	53.75 0.35		1.0
SONA	BZ11126	296	EP	651		14.72-0.23		1.0
NPL	BZ11127	297	EP	651		14.78-0.22		1.0
POO	HZ11146	286	EP	651		15.85 0.04		1.0
POO	HE11146	286	ES	7	1	54.77 0.32		1.0
POO	HZ11146	286	IAMs_20	728		49.24	6943 36.3	
UJWA	BZ11150	297	EP	651		15.82-0.14		1.0
UJWA	BE11150	297	ES	7	1	54.41-0.18		1.0
GNR	BZ11156	297	EP	651		16.42 0.31		1.0
JHJR	BZ11176	297	EP	651		16.19-0.77		1.0
KKR	BZ11199	298	EP	651		18.23 0.32		1.0
KKR	BE11199	298	ES	7	1	57.00 0.26		1.0
SMLA	HZ11201	299	EP	651		18.74 0.53		1.0
CGRH	BZ11230	299	EP	651		19.55 0.43		1.0
BOM	BZ11262	286	EP	651		21.10 0.75		1.0
BOM	BE11262	286	ES	7	1	58.99-0.37		1.0
BOM	BZ11262	286	IAMs_20	731		54.31	4823 27.3	
BHK	BZ11281	299	EP	651		21.19 0.04		1.0
BHK	BE11281	299	ES	7	2	0.07-0.17		1.0
ALCI	BZ11288	302	EP	651		21.47-0.17		1.0
AJM	BZ11304	294	EP	651		21.74-0.38		1.0
AJM	BZ11304	294	IAMs_20	730		39.13	6126 27.0	
DHRM	HZ11312	300	EP	651		23.22 0.08		1.0
DHRM	HE11312	300	ES	7	2	3.16 0.28		1.0
UDPR	BZ11340	292	EP	651		23.17-0.32		1.0
UDPR	BE11340	292	ES	7	2	2.91 0.15		1.0
TSSA	BZ11343	301	EP	651		23.90-0.36		1.0
TSSA	BE11343	301	ES	7	2	4.10 0.08		1.0
THN	BZ11363	300	EP	651		24.75 0.27		1.0

THN	BE11363	300	ES	7 2	3.95	0.10										1.0
BHV	BZ11414	289	EP	651	26.47	0.06										1.0
BHV	BE11414	289	ES	7 2	4.97	-0.89										1.0
JMU	BZ11461	300	EP	651	28.21	-0.10										1.0
SRGN	BZ11472	297	EP	651	28.76	-0.03										1.0
BKNR	BZ11479	295	EP	651	29.25	0.23										1.0
BKNR	BE11479	295	ES	7 2	8.83	0.21										1.0
SRIN	BZ11497	302	EP	651	30.00	0.21										1.0
JASL	BZ11678	294	EP	651	36.22	-0.75										1.0
JASL	BE11678	294	ES	7 2	16.86	0.01										1.0

February 18 2021 Hour: 17:28 17.4 Lat: 37.20N Lon: 72.26E D:283.4 Ag: NCS Local
Magnitudes: 3.2ML NCS 3.4MW NCS Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TSSA	BZ	600	143	EP		1729	40.85	0.10							1.0
TSSA	BN	600	143	ES		1730	41.73	0.11							1.0
TSSA	BN	600	143	IAML		1730	46.26			42	0.3				
THN	BZ	619	147	EP		1729	41.96	-0.33							1.0
THN	BE	619	147	ES		1730	44.05	-0.23							1.0
THN	BE	619	147	IAML		1730	44.55			22	0.5				
DHRM	HZ	662	145	EP		1729	47.91	0.10							1.0
DHRM	HN	662	145	ES		1730	54.09	0.25							1.0
DHRM	HN	662	145	IAML		1730	55.89			39	0.2				
SMLA	HZ	811	145	EP		1730	3.93	-0.36							1.0
SMLA	HE	811	145	ES		1731	22.67	0.33							1.0
SMLA	HE	811	145	IAML		1731	26.33			13	0.3				
KLP	BZ	834	137	EP		1730	7.84	0.49							1.0
KLP	BE	834	137	ES		1731	27.19	-0.46							1.0

February 18 2021 Hour: 18:18 51.5 Lat: 34.82N Lon: 69.39E D: 0.0 Ag: NCS Local
Magnitudes: 3.8ML NCS 3.9MW NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	552	113	EP		1820	7.33	0.70							1.0
JMU	BE	552	113	ES		1821	1.90	0.39							1.0
THN	BZ	651	112	EP		1820	18.38	-0.38							1.0
THN	BN	651	112	ES		1821	22.35	-0.14							1.0
TSSA	BZ	663	107	EP		1820	20.50	-0.37							1.0
TSSA	BE	663	107	ES		1821	25.80	-0.34							1.0
TSSA	BE	663	107	IAML		1821	29.67			132	0.3				
DHRM	HZ	703	112	EP		1820	26.30	0.51							1.0
DHRM	HE	703	112	ES		1821	34.73	0.07							1.0
DHRM	HE	703	112	IAML		1821	37.86			139	0.6				
DHRM	HN	703	112	IAML		1821	38.08			114	0.4				
ALCI	BZ	719	93	EP		1820	28.11	0.89							1.0
ALCI	BE	719	93	ES		1821	36.95	-0.18							1.0
BHK	BZ	755	118	EP		1820	31.52	0.14							1.0
BHK	BN	755	118	ES		1821	44.90	0.58							1.0
BHK	BE	755	118	IAML		1821	48.53			138	0.5				
SMLA	HZ	835	117	EP		1820	41.22	-0.18							1.0
SMLA	HE	835	117	ES		1822	2.71	1.04							1.0
SMLA	HN	835	117	IAML		1822	3.47			83	0.3				
KLP	BZ	903	111	EP		1820	50.81	0.69							1.0
KLP	BN	903	111	ES		1822	15.69	-1.05							1.0
UTK	BZ	961	116	EP		1820	55.70	-1.16							1.0
UTK	BN	961	116	IAML		1821	38.03			49	0.2				
PTH	BZ	1172	117	EP		1821	22.09	-0.88							1.0
PTH	BN	1172	117	ES		1823	13.25	-0.32							1.0
PTH	BN	1172	117	IAML		1823	17.87			14	0.5				

February 18 2021 Hour: 19:31 37.5 Lat: 9.67S Lon: 107.99W D: 20.1 Ag: NCS Regional
Magnitudes: 5.8MW NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKP	SZ	16860	311	EP		1951	22.91	-0.20							1.0
JORH	SZ	17028	312	EP		1951	24.89	-0.44							1.0
MOKO	SZ	17033	311	EP		1951	25.47	-0.40							1.0
ITAN	SZ	17045	313	EP		1951	26.74	1.13							1.0
KOHI	SZ	17103	310	EP		1951	26.75	-0.09							1.0
TEZP	SZ	17153	313	EP		1951	27.10	0.16							1.0
SHL	HZ	17288	312	EP		1951	29.33	0.19							1.0
AZL	SZ	17343	308	EP		1951	29.31	-0.02							1.0
AZL	SE	17343	308	ES		1958	37.20	2.51							0.8
SAIH	SZ	17387	305	EP		1951	29.66	-0.23							1.0
SAIH	SN	17387	305	ISg		1958	33.69	-1.48							0.9
SAIH	SN	17387	305	ES		1958	33.69	-1.48							0.9
COBR	BZ	17434	317	EP		1951	29.88	-0.48							1.0
TSSA	BZ	17435	351	EP		1951	30.82	-0.22							1.0
TSSA	BN	17435	351	ES		1958	37.67	1.03							1.0
AGT	SZ	17457	310	EP		1951	31.80	1.18							1.0
AGT	SZ	17457	310	IAmb		1951	33.50			18	0.7				
THN	BZ	17484	352	EP		1951	31.30	0.29							1.0
BHK	BZ	17588	350	EP		1951	32.12	-0.01							1.0
SMLA	HZ	17600	348	EP		1951	32.68	0.13							1.0
DDI	HZ	17664	345	EP		1951	33.11	0.14							1.0
PTH	BZ	17671	340	EP		1951	33.71	0.04							1.0
SRGN	BZ	17785	355	EP		1951	32.42	-1.84							0.9
GKPR	BZ	17797	329	EP		1951	33.84	-0.51							1.0
BOKR	HZ	17887	318	EP		1951	35.30	-0.05							1.0
BKNR	BZ	18000	356	EP		1951	36.66	0.29							1.0
ALBI	BZ	18018	330	EP		1951	36.48	-0.05							1.0
AJM	BZ	18161	352	EP		1951	38.13	0.24							1.0
UDPR	BZ	18376	354	EP		1951	39.62	0.01							1.0
RAGD	BZ	18411	312	EP		1951	40.84	0.97							1.0
BHPL	HZ	18427	340	EP		1951	39.82	-0.20							1.0
AKL	BZ	18703	337	EP		1951	41.76	-0.17							1.0

February 18 2021 Hour: 22:41 23.8 Lat: 23.66N Lon: 94.64E D: 42.3 Ag: NCS Local
Magnitudes: 3.5ML NCS 3.6MW NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IMP	SZ	148	332	EP		*2241	48.82	3.05							0.0
IMP	SN	148	332	ES		2242	5.41	0.58							1.0
AZL	SZ	199	273	EP		2241	52.35	0.28							1.0
AZL	SN	199	273	ES		2242	11.67	-1.02							1.0
AZL	SN	199	273	IAML		2242	15.27			583	0.2				
SAIH	SZ	213	233	EP		2241	53.26	-0.58							1.0
MOKO	SZ	295	358	EP		*2242	9.63	5.41							0.0
MOKO	SN	295	358	ES		2242	36.38	-2.74							1.0
SHL	HZ	341	309	EP		2242	10.79	0.86							1.0
SHL	HN	341	309	ES		2242	44.51	0.93							1.0
SHL	HE	341	309	IAML		2242	45.31			79	0.1				
SHL	HN	341	309	IAML		2242	45.37			125	0.1				
TEZP	SZ	377	331	EP		2242	13.88	0.18							1.0
TEZP	SE	377	331	ES		2242	49.45	-0.65							1.0
TEZP	SE	377	331	IAML		2242	53.47			524	0.2				
TEZP	SN	377	331	IAML		2242	53.91			591	0.2				

February 19 2021 Hour: 2:12 46.0 Lat: 36.53N Lon: 71.14E D: 10.0F Ag: NCS Local
Magnitudes: 3.6ML NCS 3.8MW NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	606	113	EP		214	6.85	0.13							1.0
ALCI	BN	606	113	ES		215	5.70	0.04							1.0
TSSA	BN	615	130	EP		214	7.44	-0.83							1.0
TSSA	BE	615	130	ES		215	8.14	-0.20							1.0
TSSA	BN	615	130	IAML		215	13.39			85	0.3				
THN	BE	624	135	EP		214	9.99	1.27							1.0
THN	BE	624	135	ES		215	9.69	0.57							1.0
THN	BE	624	135	IAML		215	14.93			69	1.3				
DHRM	HZ	671	134	EP		214	15.52	0.26							1.0
DHRM	HN	671	134	ES		215	20.84	0.40							1.0
DHRM	HE	671	134	IAML		215	24.51			129	0.6				
SMLA	HZ	819	135	EP		214	31.90	-0.85							1.0
SMLA	HN	819	135	ES		215	49.90	-0.79							1.0
SMLA	HN	819	135	IAML		215	55.08			37	0.6				

February 19 2021 Hour: 2:24 51.9 Lat: 25.48N Lon: 92.37E D: 50.0F Ag: NCS Local
Magnitudes: 2.6ML NCS 2.8MW NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHL	HZ	40	285	EP		225	1.75	-0.32							1.0
SHL	HN	40	285	ES		225	9.79	0.28							1.0
SHL	HE	40	285	IAML		225	9.86			118	0.1				
GUWA	SZ	105	319	EP	*	224	55.81	-12.9							0.0
GUWA	SN	105	319	ES		224	57.92	-10.2							1.0
TEZP	SZ	133	18	EP		225	11.54	-0.65							1.0
TEZP	SN	133	18	ES		225	27.71	0.69							1.0
TEZP	SN	133	18	IAML		225	30.16			140	0.1				
TEZP	SE	133	18	IAML		225	30.52			149	0.2				

February 19 2021 Hour: 11: 8 33.5 Lat: 29.89N Lon: 80.13E D: 1.7 Ag: NCS Local
Magnitudes: 3.6ML NCS Rms: 1.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LGTI	BZ	54	184	EP		11 8	42.93	-0.72							1.0
LGTI	BE	54	184	ES		11 8	51.07	0.02							1.0
LGTI	BE	54	184	IAML		11 8	51.56			1617	0.2				
TKRD	BZ	148	237	EP		11 8	59.73	0.53							1.0
TKRD	BN	148	237	ES		11 9	18.18	0.22							1.0
TKRD	BN	148	237	IAML		11 9	21.22			4507	0.2				
DDI	HZ	206	284	EP		11 9	7.14	0.95							1.0
DDI	HN	206	284	ES		11 9	30.72	0.66							1.0
DDI	HE	206	284	IAML		11 9	33.50			1418	0.4				
KLP	BZ	257	316	EP		11 9	14.32	1.25							1.0
KLP	BN	257	316	ES		11 9	43.39	1.43							1.0
KLP	BN	257	316	IAML		11 9	46.40			571	0.6				
SMLA	HZ	315	297	EP		11 9	19.97	0.11							1.0
SMLA	HN	315	297	ES		11 9	53.08	-0.62							1.0
SMLA	HN	315	297	IAML		11 9	58.79			256	0.4				
DHRM	HZ	449	307	EP		11 9	35.28	-1.38							1.0
DHRM	HN	449	307	ES		1110	20.33	-2.45							1.0
DHRM	HN	449	307	IAML		1110	24.13			106	0.3				
DHRM	HE	449	307	IAML		1110	24.29			184	0.3				

February 19 2021 Hour: 17:38 47.0 Lat: 23.85N Lon: 93.82E D: 10.0F Ag: NCS Local
Magnitudes: 2.4ML NCS 2.5MW NCS Rms: 1.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IMP	SZ	110	7	EP		1739	9.09	3.00							1.0
IMP	SN	110	7	ES		1739	20.76	0.74							1.0
AZL	SZ	116	264	EP		1739	8.66	1.56							1.0
AZL	SN	116	264	ES		1739	22.29	0.51							1.0
AZL	SN	116	264	IAML		1739	23.87			79	0.4				
AZL	SE	116	264	IAML		1739	24.16			53	0.4				
SAIH	SZ	173	210	EP		1739	14.95	0.24							1.0
SAIH	SE	173	210	ES		1739	33.41	-1.53							1.0
SAIH	SE	173	210	IAML		1739	36.64			77	0.3				
SAIH	SN	173	210	IAML		1739	36.70			65	0.3				
KOHI	SZ	210	8	EP		1739	20.62	0.96							1.0
KOHI	SN	210	8	ES		1739	41.13	-2.37							1.0
KOHI	SE	210	8	IAML		1739	45.28			11	0.5				
KOHI	SN	210	8	IAML		1739	45.88			12	0.3				
TEZP	SZ	324	342	EP		1739	32.43	-0.62							1.0
TEZP	SE	324	342	ES		1740	4.17	-2.49							1.0
TEZP	SE	324	342	IAML		1740	7.38			59	0.1				

February 19 2021 Hour: 21:51 1.2 Lat: 28.13N Lon: 87.09E D: 35.8 Ag: NCS Local
Magnitudes: 2.9ML NCS 3.3MW NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHL	HZ	563	119	EP		2152	13.46	-0.90							1.0
SHL	HN	563	119	ES		2153	8.17	0.41							1.0
TEZP	SZ	588	105	EP		2152	16.18	-0.77							1.0
TEZP	SE	588	105	ES		2153	12.42	0.19							1.0
TEZP	SE	588	105	IAML		2153	15.58			10	1.6				
KOHI	SZ	746	109	EP		2152	38.37	1.68							1.0
KOHI	SN	746	109	ES		2153	45.77	-0.61							1.0
KOHI	SE	746	109	IAML		2153	59.62			21	1.0				

February 19 2021 Hour: 22:25 30.4 Lat: 32.61N Lon: 76.15E D: 5.0F Ag: NCS Local
Magnitudes: 2.8ML NCS 2.8MW NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TSSA	BZ	25	359	EP		2225	35.44	-0.07							1.0
TSSA	BN	25	359	ES		2225	38.72	-0.53							1.0
TSSA	BE	25	359	IAML		2225	39.71			2188	0.2				
DHRM	HZ	43	160	EP		2225	37.55	-1.05							1.0
DHRM	HN	43	160	ES		2225	44.07	-0.52							1.0
DHRM	HE	43	160	IAML		2225	46.02			239	0.3				
DHRM	HN	43	160	IAML		2225	46.20			263	0.3				
BHK	BZ	136	171	EP		2225	54.05	0.03							1.0
BHK	BN	136	171	ES		2226	11.85	0.58							1.0
BHK	BE	136	171	IAML		2226	15.30			162	0.2				
BHK	BN	136	171	IAML		2226	15.37			211	0.2				
SMLA	HZ	191	149	EP		2226	0.89	-0.20							1.0
SMLA	HN	191	149	ES		2226	23.78	0.27							1.0
SMLA	HN	191	149	IAML		2226	25.03			96	0.3				
SMLA	HE	191	149	IAML		2226	25.17			184	0.3				
ALCI	BZ	202	28	EP		2226	3.94	1.50							1.0
ALCI	BN	202	28	ES		2226	25.38	-0.47							1.0
KLP	BZ	231	120	EP		2226	7.11	0.70							1.0
KLP	BE	231	120	ES		2226	32.48	-0.24							1.0
KLP	BE	231	120	IAML		2226	35.55			89	0.5				

February 20 2021 Hour: 0:126.7 Lat: 23.48N Lon: 94.40E D: 95.4 Ag: NCS Local
Magnitudes: 4.2ML NCS 4.2MW NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IMP	SZ	157	343	EP		0 1	52.23	0.75							1.0
IMP	SN	157	343	ES		0 2	10.56	0.99							1.0
AZL	SZ	177	280	EP		0 1	53.95	0.17							1.0
AZL	SN	177	280	ES		0 2	13.54	-0.01							1.0
AZL	SN	177	280	IAML		0 2	19.82			1680	0.4				
SAIH	SZ	182	233	EP		0 1	53.32	-1.00							1.0
SAIH	SN	182	233	ES		0 2	14.24	-0.25							1.0
SAIH	SE	182	233	IAML		0 2	18.01			1523	0.3				
KOHI	SZ	250	353	EP		0 2	3.28	0.59							1.0
KOHI	SN	250	353	ES		0 2	28.42	-0.55							1.0
MOKO	SZ	315	2	EP		0 2	10.01	-0.32							1.0
MOKO	SN	315	2	ES		0 2	40.91	-1.27							1.0
SHL	HZ	337	314	EP		0 2	14.17	1.22							1.0
SHL	HN	337	314	ES		0 2	46.77	0.05							1.0
SHL	HE	337	314	IAML		0 2	50.34			1263	0.1				
JORH	SZ	362	358	EP		0 2	16.57	1.11							1.0
JORH	SN	362	358	ES		0 2	50.19	-0.87							1.0
TEZP	SZ	384	335	EP		0 2	17.95	-0.12							1.0
TEZP	SE	384	335	ES		0 2	55.69	0.12							1.0
TEZP	SN	384	335	IAML		0 2	59.02			1919	0.1				
TEZP	SE	384	335	IAML		0 2	59.24			3374	0.1				
GUWA	SZ	407	318	EP		0 2	20.38	-0.49							1.0
GUWA	SN	407	318	ES		0 3	0.05	-0.37							1.0
ITAN	SZ	412	351	EP		0 2	21.94	0.41							1.0
ITAN	SN	412	351	ES		0 3	1.38	-0.18							1.0
ITAN	SE	412	351	IAML		0 3	5.30			587	0.2				

February 20 2021 Hour: 1:47 48.1 Lat: 37.16N Lon: 71.48E D: 10.0F Ag: NCS Local
Magnitudes: 3.5ML NCS 3.8MW NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	611	121	EP		149	9.84	0.41							1.0
ALCI	BE	611	121	ES		150	8.88	0.05							1.0
TSSA	BZ	642	137	EP		149	13.11	-0.49							1.0
TSSA	BE	642	137	ES		150	15.18	-0.85							1.0
TSSA	BE	642	137	IAML		150	24.08			60	0.3				
THN	BZ	656	142	EP		149	16.54	1.77							1.0
THN	BN	656	142	ES		150	18.52	0.47							1.0
THN	BN	656	142	IAML		150	30.30			40	0.5				
THN	BE	656	142	IAML		150	30.42			44	0.3				
DHRM	HZ	701	140	EP		149	20.39	-0.63							1.0
DHRM	HN	701	140	ES		150	29.66	0.78							1.0
DHRM	HE	701	140	IAML		150	36.90			77	0.6				
SMLA	HZ	850	140	EP		149	37.59	-1.10							1.0
SMLA	HE	850	140	ES		150	59.03	-0.41							1.0
SMLA	HE	850	140	IAML		151	9.95			43	0.6				

February 20 2021 Hour: 8:9 31.1 Lat: 28.89N Lon: 69.14E D: 35.6 Ag: NCS Local
Magnitudes: 3.8ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRGN	BZ	474	75	EP		810	33.61	0.73							1.0
UDPR	BZ	659	135	EP		810	55.16	-0.28							1.0
UDPR	BE	659	135	ES		811	56.90	-0.14							1.0
KUDL	HN	723	95	ES		812	10.02	-0.59							1.0
KUDL	HN	723	95	IAML		812	12.86			32	0.6				
THN	BZ	750	57	EP		811	5.25	-1.31							1.0
THN	BE	750	57	ES		812	14.70	-1.56							1.0
THN	BE	750	57	IAML		812	18.03			93	0.8				

DHRM	HZ	781	60	EP	811	9.94-1.17									1.0
DHRM	HE	781	60	ES	812	24.73 0.59									1.0
DHRM	HE	781	60	IAML	812	31.50	198	0.6							
NDI	HZ	788	90	EP	811	11.99 0.85									1.0
NDI	HN	788	90	ES	812	23.90-0.29									1.0
NDI	HN	788	90	IAML	812	26.52	52	0.3							
TSSA	BZ	800	55	EP	811	14.05 0.75									1.0
TSSA	BN	800	55	ES	812	29.17 1.24									1.0
SMLA	HZ	813	70	EP	811	13.98-0.56									1.0
SMLA	HN	813	70	ES	812	29.86-0.22									1.0
SMLA	HN	813	70	IAML	812	33.60	151	0.3							
SMLA	HE	813	70	IAML	812	33.70	188	0.4							
KLP	BZ	925	69	EP	811	28.86 0.26									1.0
KLP	BE	925	69	ES	812	55.25 0.85									1.0
NRDN	BZ	1039	133	EP	811	42.34 0.54									1.0
PTH	BZ	1077	83	EP	811	47.47 0.31									1.0

February 20 2021 Hour: 11:243.9 Lat: 37.22N Lon: 72.29E D:215.5 Ag: NCS Local
Magnitudes: 3.8ML NCS 3.9MW NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	554	125	EP		11 3	58.73-0.09								1.0
ALCI	BN	554	125	ES		11 4	53.53 0.02								1.0
ALCI	BN	554	125	IAML		11 4	59.31		50	0.4					
TSSA	BZ	600	143	EP		11 4	5.20 0.67								1.0
TSSA	BE	600	143	ES		11 5	4.10 0.71								1.0
TSSA	BE	600	143	IAML		11 5	9.37		182	0.3					
THN	BZ	620	148	EP		11 4	4.81-1.37								1.0
THN	BE	620	148	ES		11 5	5.61-0.63								1.0
THN	BN	620	148	IAML		11 5	14.34		145	0.5					
THN	BE	620	148	IAML		11 5	14.86		66	0.6					
DHRM	HZ	663	145	EP		11 4	11.60-0.26								1.0
DHRM	HN	663	145	ES		11 5	16.52 0.45								1.0
DHRM	HN	663	145	IAML		11 5	23.58		170	0.3					
SMLA	HZ	811	145	EP		11 4	29.58 0.76								1.0
SMLA	HE	811	145	ES		11 5	45.66 0.25								1.0
SMLA	HE	811	145	IAML		11 5	51.59		127	0.4					
KLP	BZ	835	137	EP		11 4	31.66-0.24								1.0
KLP	BE	835	137	ES		11 5	50.23-0.51								1.0
KLP	BE	835	137	IAML		11 5	57.24		88	0.3					
KUDL	HZ	1080	157	EP		11 5	0.95 0.55								1.0
KUDL	HN	1080	157	ES		11 6	39.74-0.30								1.0
KUDL	HE	1080	157	IAML		11 6	47.85		41	0.6					

February 20 2021 Hour: 16:34 4.4 Lat: 27.89N Lon: 88.52E D: 27.9 Ag: NCS Local
Magnitudes: 3.5ML NCS 3.7MW NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHBG	BZ	307	197	EP		1634	46.39-0.04								1.0
SHBG	BN	307	197	ES		1635	17.05-0.09								1.0
SHBG	BE	307	197	IAML		1635	19.33		224	0.2					
SHBG	BN	307	197	IAML		1635	19.38		213	0.2					
SHL	HZ	430	126	EP		1635	0.46-1.57								1.0
SHL	HN	430	126	ES		1635	42.54-1.58								1.0
TEZP	SZ	446	107	EP		1635	3.61 0.14								1.0
TEZP	SE	446	107	ES		1635	47.83 1.21								1.0
TEZP	SN	446	107	IAML		1635	52.02		155	0.2					
KOHI	SZ	605	112	EP		1635	23.18-0.21								1.0
KOHI	SE	605	112	ES		1636	20.54-0.54								1.0
KOHI	SE	605	112	IAML		1636	26.45		69	0.6					
MOKO	SZ	619	105	EP		1635	24.95-0.11								1.0
MOKO	SN	619	105	ES		1636	23.76-0.20								1.0
MOKO	SN	619	105	E		1636	29.48								
MOKO	SE	619	105	IAML		1636	29.94		56	0.3					

AZL	SZ	621	137	EP	1635	24.80	-0.05									1.0
AZL	SN	621	137	ES	1636	24.16	0.56									1.0
IMP	SZ	639	121	EP	1635	28.40	1.45									1.0
SAIH	SZ	748	142	EP	1635	40.81	0.40									1.0
SAIH	SN	748	142	ES	1636	51.16	0.64									1.0
SAIH	SN	748	142	IAML	1636	57.78			38	0.4						
SAIH	SE	748	142	IAML	1636	58.02			60	0.4						

February 20 2021 Hour: 19:45 51.7 Lat: 38.02N Lon: 71.35E D: 50.0F Ag: NCS Local
Magnitudes: 3.4ML NCS 3.9MW NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	661	150	EP		1947	15.51	-0.88							1.0
JMU	BN	661	150	ES		1948	19.81	1.62							1.0
JMU	BN	661	150	IAML		1948	29.85			67	0.8				
TSSA	BZ	721	141	EP		1947	24.71	0.34							1.0
TSSA	BN	721	141	ES		1948	31.15	-0.85							1.0
TSSA	BN	721	141	IAML		1948	43.46			41	0.6				
THN	BZ	740	145	EP		1947	25.81	-0.20							1.0
THN	BE	740	145	ES		1948	34.06	-0.77							1.0
THN	BE	740	145	IAML		1948	44.31			27	0.9				
DHRM	HZ	783	143	EP		1947	32.35	0.31							1.0
DHRM	HN	783	143	ES		1948	44.46	-0.81							1.0
DHRM	HN	783	143	IAML		1948	55.74			39	0.6				
KLP	BZ	956	137	EP		1947	53.43	0.40							1.0
KLP	BE	956	137	ES		1949	22.42	0.84							1.0

February 20 2021 Hour: 19:59 7.1 Lat: 24.96N Lon: 95.02E D:159.4 Ag: NCS Local
Magnitudes: 3.0ML NCS 3.1MW NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IMP	SZ	110	263	EP		1959	32.97	0.66							1.0
IMP	SE	110	263	ES		1959	51.71	0.96							1.0
KOHI	SZ	125	313	EP		1959	34.96	1.00							1.0
KOHI	SE	125	313	ES		1959	52.48	-1.12							1.0
MOKO	SZ	159	341	EP		1959	37.10	0.31							1.0
MOKO	SN	159	341	ES		1959	58.06	-0.44							1.0
MOKO	SN	159	341	IAML		20 0	1.70			126	0.6				
AZL	SZ	273	241	EP		1959	47.84	0.04							1.0
AZL	SE	273	241	ES		20 0	16.62	-0.92							1.0
AZL	SE	273	241	IAML		20 0	23.22			63	0.3				
AZL	SN	273	241	IAML		20 0	23.48			75	0.3				
ITAN	SZ	275	332	EP		1959	47.24	-0.77							1.0
ITAN	SN	275	332	ES		20 0	17.19	-0.71							1.0
ITAN	SN	275	332	IAML		20 0	21.32			88	0.2				
ITAN	SE	275	332	IAML		20 0	21.68			78	0.2				
TEZP	SZ	289	310	EP		1959	50.79	1.30							1.0
TEZP	SN	289	310	ES		20 0	21.05	0.58							1.0
TEZP	SN	289	310	IAML		20 0	24.38			137	0.1				
SAIH	SZ	344	218	EP		1959	54.45	-1.20							1.0
SAIH	SE	344	218	ES		20 0	31.45	0.32							1.0
SAIH	SN	344	218	IAML		20 0	35.30			28	0.4				

February 20 2021 Hour: 20:16 6.9 Lat: 37.78N Lon: 69.68E D: 10.0F Ag: NCS Local
Magnitudes: 3.5ML NCS 3.5MW NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TSSA	BZ	804	131	EP		2017	53.25	1.01							1.0
TSSA	BN	804	131	ES		2019	9.75	0.62							1.0
TSSA	BN	804	131	IAML		2019	13.90			37	0.9				
THN	BN	813	135	EP		2017	53.16	0.35							1.0
THN	BE	813	135	ES		2019	10.81	0.70							1.0
THN	BN	813	135	IAML		2019	14.97			31	2.8				
DHRM	HZ	861	133	EP		2017	59.77	0.45							1.0

DHRM	HE	861	133	ES	2019	20.83-0.55										1.0
DHRM	HE	861	133	IAML	2019	37.73		32	1.0							
SMLA	HE	1008	135	EP	2018	15.48-1.35										1.0
SMLA	HE	1008	135	ES	2019	51.31-0.37										1.0
SMLA	HE	1008	135	IAML	2019	58.45		17	2.3							
KLP	BN	1046	129	EP	2018	21.35-0.46										1.0
KLP	BE	1046	129	ES	2019	59.87-0.41										1.0
KLP	BE	1046	129	IAML	2020	6.75		21	1.8							

February 21 2021 Hour: 23:21 32.9 Lat: 36.46N Lon: 70.26E D:160.0F Ag: NCS Local
Magnitudes: 4.1ML NCS 4.2MW NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TSSA	BZ	673	125	EP		2323	1.30	0.82							1.0
TSSA	BN	673	125	ES		2324	5.85	1.42							1.0
TSSA	BE	673	125	IAML		2324	7.14			172	0.4				
TSSA	BN	673	125	IAML		2324	7.17			334	0.5				
THN	BZ	676	130	EP		2323	0.62	0.29							1.0
THN	BN	676	130	ES		2324	4.23	0.06							1.0
THN	BE	676	130	IAML		2324	9.09			232	0.5				
THN	BN	676	130	IAML		2324	9.23			225	0.4				
DHRM	HZ	726	128	EP		2323	6.96	0.04							1.0
DHRM	HE	726	128	ES		2324	15.75	0.18							1.0
DHRM	HN	726	128	IAML		2324	19.72			328	0.6				
SMLA	HZ	871	131	EP		2323	23.29-0.45								1.0
SMLA	HN	871	131	ES		2324	45.07	0.39							1.0
SMLA	HN	871	131	IAML		2324	49.34			111	0.3				
KUDL	HZ	1092	146	EP		2323	49.77-0.21								1.0
KUDL	HE	1092	146	ES		2325	30.42	0.35							1.0
PTH	BZ	1200	127	EP		2324	3.52-0.08								1.0
PTH	BN	1200	127	ES		2325	53.57-0.06								1.0
LGTI	BZ	1206	128	EP		2324	3.93-0.50								1.0
LGTI	BN	1206	128	ES		2325	52.82-2.24								1.0
LGTI	BE	1206	128	IAML		2325	59.00			22	0.5				

February 22 2021 Hour: 8:31 56.4 Lat: 26.65N Lon: 92.59E D: 6.1 Ag: NCS Local
Magnitudes: 2.6ML NCS 2.6MW NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TEZP	SZ	22	100	EP		832	0.32	0.09							1.0
TEZP	SN	22	100	ES		832	3.19	0.13							1.0
TEZP	SN	22	100	IAML		832	3.68			2158	0.1				
GUWA	SZ	103	241	EP		832	14.32	0.16							1.0
GUWA	SE	103	241	ES		832	27.28	0.13							1.0
GUWA	SN	103	241	IAML		832	27.89			50	0.2				
GUWA	SE	103	241	IAML		832	28.01			59	0.2				
ITAN	SZ	125	64	EP		832	18.91	0.76							1.0
ITAN	SN	125	64	ES		832	33.05-1.00								1.0
ITAN	SE	125	64	IAML		832	37.60			448	0.2				
SHL	HZ	134	207	EP		832	19.59-0.49								1.0
SHL	HN	134	207	ES		832	37.13-0.27								1.0
MOKO	SZ	196	100	EP		832	27.91	0.16							1.0
MOKO	SN	196	100	ES		832	51.01	0.34							1.0
MOKO	SN	196	100	IAML		832	53.49			87	0.3				
MOKO	SZ	196	100	IAML		832	53.57			46	0.3				

February 22 2021 Hour: 15:44 22.5 Lat: 27.42N Lon: 92.66E D: 5.1 Ag: NCS Local
Magnitudes: 2.8ML NCS 2.8MW NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TEZP	SZ	89	171	EP		1544	37.86-0.09								1.0
TEZP	SN	89	171	ES		1544	49.37	0.13							1.0
TEZP	SN	89	171	IAML		1544	51.20			217	0.1				
ITAN	SZ	109	106	EP		1544	41.36-0.10								1.0

ITAN	SN	109	106	ES	1544	55.31-0.01				1.0
ITAN	SE	109	106	IAML	1545	0.91	192	0.2		
MOKO	SZ	221	123	EP	1544	57.74 0.72				1.0
MOKO	SN	221	123	ES	1545	22.13-0.10				1.0
MOKO	SE	221	123	IAML	1545	28.64	106	0.3		
KOHI	SZ	237	142	EP	1544	58.49-0.56				1.0

February 22 2021 Hour: 19:22 12.6 Lat: 1.16N Lon: 121.50E D: 10.0 Ag: NCS Regional
Magnitudes: 6.0MW NCS Rms: 1.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SAIH	SE	3885	309	ES		1934	37.38	0.30							1.0
IMP	SZ	3955	314	EP		1929	10.47	0.52							1.0
IMP	SN	3955	314	ES		1934	46.30	-0.37							1.0
LKP	SZ	3986	319	EP		1929	12.72	0.36							1.0
AZL	SZ	3987	311	EP		1929	12.93	0.45							1.0
AZL	SN	3987	311	ES		1934	51.29	0.11							1.0
KOHI	SZ	4003	315	EP		1929	14.56	0.42							1.0
KOHI	SE	4003	315	ES		1934	54.10	-0.02							1.0
MOKO	SZ	4013	316	EP		1929	15.18	0.32							1.0
MOKO	SN	4013	316	ES		1934	54.69	-0.72							1.0
AGT	SZ	4119	310	EP		1929	22.75	0.26							1.0
AGT	SE	4119	310	ES		1935	10.34	1.25							1.0
ITAN	SZ	4132	317	EP	*	1929	24.80	1.25							0.0
ITAN	SE	4132	317	ES		1935	10.35	-1.89							1.0
SHL	HZ	4162	313	EP		1929	26.61	0.29							1.0
SHL	HE	4162	313	ES		1935	15.89	-0.03							1.0
TEZP	SZ	4167	315	EP		1929	26.03	-0.15							1.0
TEZP	SN	4167	315	ES		1935	14.91	-0.79							1.0
BOKR	HZ	4584	306	EP		1929	57.23	-0.31							1.0
RAGD	BZ	4604	298	EP		1929	59.28	0.34							1.0
MDRS	HZ	4739	288	EP		1930	9.71	0.91							1.0
KNKR	BZ	4837	299	EP		1930	15.81	-0.18							1.0
BLSP	BZ	4847	301	EP		1930	16.39	-0.34							1.0
SALM	BZ	4925	285	EP		1930	22.34	-0.04							1.0
KOD	BZ	4973	283	EP		1930	26.29	0.20							1.0
TRVM	HZ	5003	281	EP		1930	29.34	1.48							1.0
HYB	HZ	5031	294	EP		1930	29.84	-0.14							1.0
NGP	BZ	5111	299	EP		1930	35.05	-0.54							1.0
LATR	BZ	5268	294	EP		1930	46.00	-0.69							1.0
AKL	BZ	5294	297	EP		1930	47.25	-1.21							1.0
JHNI	BZ	5328	304	EP		1930	49.11	-1.72							1.0
BHPL	HZ	5348	301	EP		1930	52.41	0.18							1.0
BHPL	HE	5348	301	ES		1937	52.09	0.58							1.0
NRDN	BZ	5403	299	EP		1930	54.99	-1.03							1.0
GUNA	BZ	5413	302	EP		1930	55.58	-1.21							1.0
KAD	BZ	5476	292	EP		1930	59.64	-1.47							1.0
POO	HZ	5544	293	EP		1931	6.65	0.83							1.0
NDI	HZ	5602	307	EP		1931	18.50	8.80							1.0
DDI	HZ	5607	309	EP		1931	10.15	0.08							1.0
SMLA	HZ	5723	310	EP	*	1931	16.93	-1.23							0.0
SMLA	HE	5723	310	ES		1938	37.23	-0.63							1.0
UDPR	BZ	5754	301	EP		1931	19.12	-0.83							1.0
BHK	BZ	5804	310	EP		1931	21.16	-2.15							1.0
DHRM	HZ	5853	311	EP	*	1931	24.78	-2.53							0.0
DHRM	HE	5853	311	ES		1938	51.59	-1.78							1.0
THN	BZ	5904	311	EP		1931	28.42	-1.63							1.0
JMU	BZ	6003	311	EP		1931	34.36	-2.13							1.0

February 23 2021 Hour: 12:15 19.1 Lat: 23.95N Lon: 94.35E D: 28.5 Ag: NCS Local
Magnitudes: 3.5ML NCS 3.6MW NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AZL	SZ	171	263	EP		1215	45.61	1.07							1.0
AZL	SE	171	263	ES		1216	2.56	-0.55							1.0
KOHI	SZ	198	353	EP		1215	48.27	-0.08							1.0
KOHI	SN	198	353	ES		1216	9.73	0.05							1.0
KOHI	SN	198	353	IAML		1216	19.41			423	0.6				
SAIH	SZ	213	221	EP		1215	49.22	-0.57							1.0
SAIH	SN	213	221	ES		1216	12.47	0.28							1.0
SAIH	SN	213	221	IAML		1216	19.28			345	0.5				
MOKO	SZ	263	4	EP		1215	56.04	-0.25							1.0
MOKO	SN	263	4	ES		1216	23.81	0.38							1.0
MOKO	SN	263	4	IAML		1216	28.05			137	0.3				
MOKO	SE	263	4	IAML		1216	28.17			133	0.2				
TEZP	SZ	334	332	EP		1216	3.78	-0.71							1.0
TEZP	SN	334	332	ES		1216	38.11	0.49							1.0
TEZP	SE	334	332	IAML		1216	40.33			1074	0.2				
TEZP	SN	334	332	IAML		1216	40.58			1026	0.1				
ITAN	SZ	360	350	EP		1216	8.18	0.55							1.0
ITAN	SN	360	350	ES		1216	42.39	-0.66							1.0
ITAN	SN	360	350	IAML		1216	46.38			363	0.2				

February 23 2021 Hour: 15: 5 58.6 Lat: 28.71N Lon: 76.94E D: 12.6 Ag: NCS Local
Magnitudes: 2.1ML NCS 2.2MW NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NRLA	BZ	17	61	EP		15 6	1.72	-0.56							1.0
NRLA	BN	17	61	ES		15 6	4.70	-0.29							1.0
NRLA	BE	17	61	IAML		15 6	5.35			360	0.1				
NRLA	BN	17	61	IAML		15 6	5.36			385	0.1				
NPL	BZ	24	109	EP		15 6	3.39	0.16							1.0
NPL	BN	24	109	ES		15 6	6.86	0.23							1.0
NPL	BN	24	109	IAML		15 6	7.51			207	0.1				
NDI	HZ	26	96	EP		15 6	4.13	0.48							1.0
NDI	HE	26	96	ES		15 6	7.36	-0.00							1.0
NDI	HE	26	96	IAML		15 6	7.76			98	0.2				
JHJR	BZ	31	250	EP		15 6	4.85	0.44							1.0
JHJR	BN	31	250	ES		15 6	8.94	0.27							1.0
JHJR	BN	31	250	IAML		15 6	10.39			228	0.1				
KUDL	HZ	77	215	EP		15 6	11.93	-0.16							1.0
KUDL	HN	77	215	ES		15 6	21.39	-0.57							1.0
KUDL	HE	77	215	IAML		15 6	23.34			24	0.1				

February 23 2021 Hour: 21:45 21.2 Lat: 37.59N Lon: 75.70E D: 10.0F Ag: NCS Local
Magnitudes: 3.3ML NCS 3.7MW NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	398	160	EP		2146	17.78	1.29							1.0
ALCI	BN	398	160	ES		2146	57.32	0.44							1.0
ALCI	BN	398	160	IAML		2147	14.27			78	0.4				
SRIN	BZ	401	192	EP		2146	17.42	0.75							1.0
TSSA	BZ	529	175	EP		2146	33.31	0.39							1.0
TSSA	BN	529	175	ES		2147	25.12	-0.18							1.0
TSSA	BN	529	175	IAML		2147	32.28			58	0.3				
TSSA	BE	529	175	IAML		2147	33.17			79	0.4				
JMU	BZ	539	189	EP		2146	33.75	0.24							1.0
THN	BZ	571	179	EP		2146	38.51	1.02							1.0
THN	BN	571	179	ES		2147	33.39	0.19							1.0
THN	BN	571	179	IAML		2148	1.05			45	0.9				
DHRM	HZ	595	174	EP		2146	41.55	0.43							1.0
DHRM	HE	595	174	ES		2147	39.20	-0.28							1.0

DHRM	HN	595	174	IAML	2147	43.93			58	0.3						
SMLA	HZ	729	169	EP	2146	56.44	-0.59									1.0
SMLA	HN	729	169	ES	2148	6.42	-0.59									1.0
SMLA	HN	729	169	IAML	2148	14.63			34	0.3						
UTK	BZ	801	161	EP	2147	6.16	0.32									1.0
UTK	BN	801	161	ES	2148	22.54	0.30									1.0
JOSI	BZ	857	154	EP	2147	13.38	0.82									1.0
JOSI	BN	857	154	ES	2148	34.80	0.93									1.0
PTH	BZ	981	153	EP	2147	26.68	-1.41									1.0
LGTI	BZ	995	155	EP	2147	28.34	-1.66									1.0
KUDL	HZ	1050	176	EP	2147	34.22	-1.70									1.0
KUDL	HN	1050	176	ES	2149	13.58	-0.71									1.0
KUDL	HE	1050	176	IAML	2149	19.80			8	0.4						

February 24 2021 Hour: 15:19 19.7 Lat: 26.02N Lon: 95.39E D: 91.1 Ag: NCS Local
Magnitudes: 4.0ML NCS 4.0MW NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MOKO	SZ	94	291	EP		1519	38.62	0.56							1.0
MOKO	SN	94	291	ES		1519	51.81	0.32							1.0
MOKO	SE	94	291	IAML		1519	54.68			3985	0.3				
KOHI	SZ	133	256	EP		1519	42.43	0.30							1.0
KOHI	SN	133	256	ES		1519	57.79	-0.74							1.0
KOHI	SE	133	256	IAML		1520	1.15			1269	0.5				
KOHI	SN	133	256	IAML		1520	1.19			921	0.5				
JORH	SZ	139	305	EP		1519	42.39	0.17							1.0
JORH	SN	139	305	ES		1519	58.42	-0.27							1.0
JORH	SN	139	305	IAML		1520	1.09			2157	0.3				
IMP	SZ	197	228	EP		1519	49.09	0.38							1.0
IMP	SN	197	228	ES		1520	9.78	-0.15							1.0
ITAN	SZ	208	307	EP		1519	50.51	0.47							1.0
ITAN	SE	208	307	ES		1520	11.97	-0.25							1.0
ITAN	SE	208	307	IAML		1520	15.56			4477	0.2				
ZIRO	SZ	226	318	EP		1519	52.21	0.01							1.0
ZIRO	SE	226	318	ES		1520	15.12	-0.83							1.0
ZIRO	SN	226	318	IAML		1520	18.78			2551	0.4				
TEZP	SZ	267	285	EP		1519	57.08	0.09							1.0
TEZP	SN	267	285	ES		1520	23.97	-0.26							1.0
TEZP	SN	267	285	IAML		1520	26.18			4388	0.2				
SILR	SZ	295	243	EP		1519	59.91	-0.34							1.0
SILR	SN	295	243	ES		1520	32.11	2.23							1.0
SHL	HZ	345	262	EP		1520	7.28	0.47							1.0
AZL	SZ	372	228	EP		1520	9.09	-0.54							1.0
AZL	SN	372	228	ES		1520	45.35	-0.76							1.0
AZL	SE	372	228	IAML		1520	49.50			349	0.2				
SAIH	SZ	461	212	EP		1520	20.36	-0.05							1.0
SAIH	SN	461	212	ES		1521	3.95	-0.81							1.0

February 24 2021 Hour: 20:10 11.7 Lat: 35.24N Lon: 69.28E D: 30.0F Ag: NCS Local
Magnitudes: 3.4ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	581	116	EP		2011	28.73	1.77							1.0
JMU	BN	581	116	ES		2012	23.20	1.26							1.0
JMU	BE	581	116	IAML		2012	25.37			105	0.5				
JMU	BN	581	116	IAML		2012	25.66			88	0.5				
THN	BZ	679	115	EP		2011	38.73	-0.29							1.0
THN	BN	679	115	ES		2012	42.82	0.02							1.0
THN	BN	679	115	IAML		2012	46.29			33	0.4				
THN	BE	679	115	IAML		2012	46.31			39	0.3				
TSSA	BZ	688	111	EP		2011	39.93	-0.81							1.0
TSSA	BN	688	111	ES		2012	44.97	-0.81							1.0
TSSA	BE	688	111	IAML		2012	47.15			49	0.3				
TSSA	BN	688	111	IAML		2012	47.57			64	0.3				

DHRM	HZ	731	115	EP	2011	45.95-0.09										1.0
DHRM	HN	731	115	ES	2012	55.61	0.66									1.0
DHRM	HN	731	115	IAML	2012	56.83			45	0.2						
SMLA	HZ	866	120	EP	2012	1.51-0.53										1.0
SMLA	HN	866	120	ES	2013	21.57-1.06										1.0
KUDL	HN	1042	137	ES	2013	59.21-0.11										1.0
KUDL	HN	1042	137	IAML	2014	5.67			10	0.2						

February 24 2021 Hour: 21: 3 1.1 Lat: 32.32N Lon: 76.37E D: 5.0F Ag: NCS Local
Magnitudes: 2.1ML NCS 2.3MW NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DHRM	HZ	9	216	EP		21	3	2.76-0.95							1.0
DHRM	HN	9	216	ES		21	3	4.42-1.21							1.0
DHRM	HN	9	216	IAML		21	3	5.01		438	0.2				
THN	BZ	55	285	EP		21	3	11.38	0.74						1.0
THN	BN	55	285	ES		21	3	18.95	1.33						1.0
THN	BN	55	285	IAML		21	3	22.01		14	0.4				
TSSA	BZ	61	341	EP		21	3	12.07-0.31							1.0
TSSA	BN	61	341	ES		21	3	19.69-0.93							1.0
TSSA	BE	61	341	IAML		21	3	20.82		84	0.2				
TSSA	BN	61	341	IAML		21	3	21.21		99	0.2				
SMLA	HZ	152	150	EP		21	3	27.79	0.67						1.0
SMLA	HN	152	150	ES		21	3	46.79	0.66						1.0
SMLA	HE	152	150	IAML		21	3	49.52		47	0.3				
SMLA	HN	152	150	IAML		21	3	49.82		41	0.2				

February 24 2021 Hour: 22:25 25.2 Lat: 32.86N Lon: 76.26E D: 5.0F Ag: NCS Local
Magnitudes: 2.0ML NCS 2.2MW NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TSSA	BZ	11	257	EP		2225	27.47-0.49								1.0
TSSA	BE	11	257	ES		2225	29.67-0.29								1.0
TSSA	BE	11	257	IAML		2225	30.26		507	0.3					
TSSA	BN	11	257	IAML		2225	30.27		523	0.2					
THN	BZ	63	223	EP		2225	36.28	0.03							1.0
THN	BE	63	223	ES		2225	45.37	1.07							1.0
THN	BE	63	223	IAML		2225	50.22		32	0.3					
DHRM	HZ	68	176	EP		2225	36.96-0.81								1.0
DHRM	HN	68	176	ES		2225	45.98-0.95								1.0
SMLA	HZ	210	156	EP		2225	59.06	0.72							1.0
SMLA	HN	210	156	ES		2226	23.21	0.70							1.0
SMLA	HN	210	156	IAML		2226	25.68		11	0.2					

February 25 2021 Hour: 0:42 39.7 Lat: 36.42N Lon: 71.56E D: 24.0F Ag: NCS Local
Magnitudes: 3.5ML NCS 3.7MW NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	567	114	EP		043	53.92-0.20								1.0
ALCI	BN	567	114	ES		044	48.89	0.46							1.0
TSSA	BZ	579	132	EP		043	55.64-0.35								1.0
TSSA	BN	579	132	ES		044	50.25-1.43								1.0
TSSA	BN	579	132	IAML		044	54.73		120	0.2					
THN	BZ	589	137	EP		043	56.85	0.23							1.0
THN	BE	589	137	ES		044	54.57	1.80							1.0
THN	BN	589	137	IAML		044	56.32		45	0.2					
DHRM	HZ	636	135	EP		044	3.65	0.55							1.0
DHRM	HE	636	135	ES		045	4.26	0.29							1.0
DHRM	HE	636	135	IAML		045	7.94		111	0.2					
SMLA	HZ	784	137	EP		044	20.36-0.28								1.0
SMLA	HE	784	137	ES		045	33.25-1.07								1.0
SMLA	HE	784	137	IAML		045	38.51		32	0.3					

February 25 2021 Hour: 2:34 30.4 Lat: 23.02N Lon: 95.80E D: 10.0 Ag: NCS Local
Magnitudes: 3.9ML NCS 4.3MW NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IMP	SZ	275	317	EP		235	11.39	0.89							1.0
SAIH	SZ	295	259	EP		235	12.65	-0.32							1.0
AZL	SZ	328	285	EP		235	16.61	-0.34							1.0
AZL	SE	328	285	ES		235	51.42	0.46							1.0
AZL	SN	328	285	IAML		236	36.72			927	1.7				
KOHI	SZ	345	330	EP		235	19.89	0.39							1.0
KOHI	SN	345	330	ES		235	56.33	0.97							1.0
KOHI	SN	345	330	IAML		236	6.23			637	0.9				
MOKO	SZ	388	341	EP		235	25.43	0.72							1.0
MOKO	SN	388	341	ES		236	4.43	0.05							1.0
MOKO	SN	388	341	IAML		236	25.02			522	1.1				
SHL	HZ	478	307	EP		235	36.08	0.24							1.0
SHL	HN	478	307	ES		236	24.06	0.43							1.0
TEZP	SZ	501	323	EP		235	36.87	-1.14							1.0
TEZP	SN	501	323	ES		236	25.49	-1.90							1.0
ZIRO	SZ	536	339	EP		235	41.93	-0.45							1.0

February 25 2021 Hour: 3:46 8.8 Lat: 23.01N Lon: 95.64E D: 10.0F Ag: NCS Local
Magnitudes: 3.2ML NCS 3.4MW NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IMP	SZ	265	320	EP		346	47.31	-0.37							1.0
IMP	SN	265	320	ES		347	16.85	0.78							1.0
IMP	SN	265	320	IAML		347	31.54			114	0.7				
SAIH	SZ	279	258	EP		346	50.36	0.93							1.0
SAIH	SE	279	258	ES		347	19.53	0.43							1.0
SAIH	SE	279	258	IAML		347	30.63			262	0.7				
SAIH	SN	279	258	IAML		347	32.05			176	0.6				
AZL	SZ	312	285	EP		346	53.29	-0.19							1.0
AZL	SE	312	285	ES		347	25.26	-0.85							1.0
AZL	SE	312	285	IAML		347	27.15			57	0.4				
KOHI	SZ	338	333	EP		346	56.63	-0.43							1.0
KOHI	SN	338	333	ES		347	33.04	0.72							1.0
KOHI	SN	338	333	IAML		347	41.19			163	0.6				
KOHI	SE	338	333	IAML		347	42.28			203	0.7				
MOKO	SZ	383	343	EP		347	2.78	0.17							1.0
SHL	HZ	466	308	EP		347	11.82	-0.92							1.0
SHL	HN	466	308	ES		347	59.17	-0.27							1.0

February 25 2021 Hour: 3:49 0.7 Lat: 25.24N Lon: 94.50E D: 58.7 Ag: NCS Local
Magnitudes: 3.4ML NCS 3.6MW NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KOHI	SZ	66	323	EP		349	14.20	0.14							1.0
KOHI	SN	66	323	ES		349	23.93	0.08							1.0
KOHI	SE	66	323	IAML		349	28.47			1112	0.4				
IMP	SZ	72	231	EP		349	14.09	-0.10							1.0
IMP	SE	72	231	ES		349	24.25	0.17							1.0
IMP	SN	72	231	IAML		349	24.80			1422	0.3				
MOKO	SZ	119	1	EP		349	20.44	0.44							1.0
MOKO	SE	119	1	ES		349	33.36	-0.76							1.0
MOKO	SE	119	1	IAML		349	36.60			948	0.4				
ITAN	SZ	225	340	EP		349	32.10	-0.11							1.0
ITAN	SN	225	340	ES		349	56.03	0.78							1.0
ITAN	SN	225	340	IAML		349	58.53			437	0.1				
TEZP	SZ	229	312	EP		349	32.14	-0.51							1.0
TEZP	SN	229	312	ES		349	55.23	-0.78							1.0
TEZP	SN	229	312	IAML		349	58.15			864	0.2				
TEZP	SE	229	312	IAML		349	58.39			773	0.2				
AZL	SZ	248	228	EP		349	34.99	-0.05							1.0

AZL	SE	248	228	ES	349	59.79	-0.35									1.0
AZL	SN	248	228	IAML	350	2.07			187	0.4						
AZL	SE	248	228	IAML	350	3.43			248	0.3						
SHL	HZ	256	279	EP	349	37.11	0.71									1.0
SHL	HN	256	279	ES	350	2.67	0.17									1.0
SHL	HE	256	279	IAML	350	7.31			170	0.2						
ZIRO	SZ	261	346	EP	349	36.83	0.21									1.0
GUWA	SZ	301	291	EP	349	41.16	-0.28									1.0
GUWA	SN	301	291	ES	350	11.44	0.23									1.0
GUWA	SN	301	291	IAML	350	13.71			87	0.2						
GUWA	SE	301	291	IAML	350	13.85			87	0.2						

February 25 2021 Hour: 4:19 58.5 Lat: 22.71N Lon: 96.14E D: 20.0F Ag: NCS Local
Magnitudes: 3.2ML NCS 3.6MW NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IMP	SZ	325	317	EP		420	43.68	0.20							1.0
IMP	SN	325	317	ES		421	18.40	2.06							1.0
IMP	SN	325	317	IAML		421	25.99			92	0.9				
SAIH	SZ	326	266	EP		420	44.51	0.89							1.0
SAIH	SE	326	266	ES		421	15.75	-0.83							1.0
SAIH	SE	326	266	IAML		421	28.18			193	0.7				
SAIH	SN	326	266	IAML		421	28.65			149	0.6				
AZL	SZ	372	289	EP		420	49.02	-0.20							1.0
AZL	SE	372	289	ES		421	26.35	0.08							1.0
AZL	SN	372	289	IAML		421	31.46			57	0.6				
KOHI	SZ	393	329	EP		420	52.05	-0.23							1.0
KOHI	SN	393	329	ES		421	30.21	-1.35							1.0
KOHI	SN	393	329	IAML		421	40.66			92	0.8				
MOKO	SZ	433	338	EP		420	57.42	0.27							1.0
MOKO	SN	433	338	ES		421	39.76	-0.22							1.0
MOKO	SE	433	338	IAML		421	50.15			73	0.8				
SHL	HZ	528	308	EP		421	8.21	-0.56							1.0
SHL	HN	528	308	ES		421	59.97	-0.12							1.0

February 25 2021 Hour: 7:50 22.5 Lat: 22.84N Lon: 96.07E D: 20.0F Ag: NCS Local
Magnitudes: 3.7ML NCS 3.9MW NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IMP	SZ	308	316	EP		751	5.85	0.39							1.0
IMP	SN	308	316	ES		751	38.31	1.48							1.0
SAIH	SZ	319	264	EP		751	7.42	0.64							1.0
SAIH	SN	319	264	ES		751	38.16	-0.96							1.0
SAIH	SE	319	264	IAML		751	51.60			510	0.7				
SAIH	SN	319	264	IAML		751	52.20			474	0.8				
AZL	SZ	359	287	EP		751	11.30	-0.40							1.0
AZL	SN	359	287	ES		751	48.14	0.50							1.0
AZL	SN	359	287	IAML		751	55.06			187	0.7				
KOHI	SZ	376	328	EP		751	14.53	0.34							1.0
KOHI	SN	376	328	ES		751	51.31	-0.63							1.0
KOHI	SN	376	328	IAML		752	5.36			245	0.6				
KOHI	SE	376	328	IAML		752	7.03			264	1.1				
MOKO	SZ	416	338	EP		751	19.83	0.76							1.0
MOKO	SE	416	338	ES		751	59.11	-1.27							1.0
MOKO	SN	416	338	IAML		752	26.26			301	0.8				
MOKO	SE	416	338	IAML		752	30.51			327	1.6				
SHL	HZ	512	307	EP		751	30.16	-0.70							1.0
TEZP	SZ	533	322	EP		751	32.43	-0.44							1.0
TEZP	SN	533	322	ES		752	24.50	0.25							1.0
ZIRO	SZ	565	337	EP		751	36.85	0.05							1.0

February 25 2021 Hour: 8:36 41.9 Lat: 36.32N Lon: 71.51E D:228.9 Ag: NCS Local
Magnitudes: 4.2ML NCS 4.4MW NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	497	141	EP		837	49.81	-0.86							1.0
JMU	BN	497	141	ES		838	40.32	-0.52							1.0
JMU	BN	497	141	IAML		838	48.70			361	0.6				
JMU	BE	497	141	IAML		838	48.78			495	0.4				
ALCI	BZ	567	113	EP		837	58.22	-0.57							1.0
ALCI	BE	567	113	ES		838	55.83	0.94							1.0
ALCI	BE	567	113	IAML		838	59.08			239	0.6				
ALCI	BN	567	113	IAML		839	0.01			280	0.5				
TSSA	BZ	575	131	EP		838	0.19	0.05							1.0
TSSA	BE	575	131	ES		838	57.73	0.50							1.0
TSSA	BN	575	131	IAML		839	3.31			828	0.5				
TSSA	BE	575	131	IAML		839	3.90			677	0.8				
THN	BZ	584	136	EP		838	1.40	0.83							1.0
THN	BN	584	136	ES		838	58.38	0.41							1.0
THN	BN	584	136	IAML		839	3.59			363	0.7				
THN	BE	584	136	IAML		839	4.30			400	0.5				
DHRM	HZ	631	134	EP		838	7.07	0.34							1.0
DHRM	HN	631	134	ES		839	8.51	-0.13							1.0
DHRM	HN	631	134	IAML		839	15.61			1007	0.3				
DHRM	HE	631	134	IAML		839	15.88			674	0.5				
BHK	BZ	708	139	EP		838	14.69	-0.12							1.0
BHK	BN	708	139	ES		839	22.31	-0.30							1.0
BHK	BE	708	139	IAML		839	31.33			210	0.5				
HNLV	BZ	789	118	EP		838	24.28	-0.21							1.0
HNLV	BE	789	118	ES		839	37.92	-1.43							1.0
KLP	BZ	818	128	EP		838	28.63	0.32							1.0
KLP	BE	818	128	ES		839	46.08	0.11							1.0
KLP	BE	818	128	IAML		839	52.46			269	0.7				
JOSI	BZ	983	128	EP		838	47.70	0.33							1.0
JOSI	BN	983	128	ES		840	19.24	0.31							1.0
KUDL	HZ	1020	151	EP		838	51.51	-0.05							1.0
KUDL	HE	1020	151	ES		840	26.24	0.05							1.0
KUDL	HE	1020	151	IAML		840	31.49			36	1.1				

February 25 2021 Hour: 9:26 14.5 Lat: 22.59N Lon: 96.28E D: 30.0F Ag: NCS Local
Magnitudes: 3.5ML NCS 3.9MW NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SAIH	SZ	339	269	EP		927	2.14	1.70							1.0
SAIH	SN	339	269	ES		927	34.15	0.21							1.0
SAIH	SE	339	269	IAML		927	46.63			303	0.7				
IMP	SZ	344	317	EP		927	0.65	-0.26							1.0
IMP	SN	344	317	ES		927	34.88	0.12							1.0
AZL	SZ	389	290	EP		927	5.64	-0.86							1.0
AZL	SN	389	290	ES		927	44.48	0.06							1.0
KOHI	SZ	411	328	EP		927	9.24	-0.38							1.0
KOHI	SN	411	328	ES		927	51.69	1.87							1.0
KOHI	SN	411	328	IAML		927	57.53			177	0.6				
KOHI	SE	411	328	IAML		927	58.12			180	0.8				
MOKO	SZ	450	337	EP		927	14.82	0.47							1.0
MOKO	SN	450	337	ES		927	58.30	0.29							1.0
MOKO	SE	450	337	IAML		928	9.25			131	0.6				
SHL	HZ	547	308	EP		927	25.36	-0.85							1.0
SHL	HN	547	308	ES		928	17.32	-1.20							1.0
TEZP	SZ	568	322	EP		927	27.57	-0.76							1.0
TEZP	SN	568	322	ES		928	21.77	-0.42							1.0

February 25 2021 Hour: 17:320.8 Lat: 26.16N Lon: 92.09E D: 18.4 Ag: NCS Local
Magnitudes: 3.7ML NCS 3.9MW NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GUWA	SZ	40	275	EP		17	3	28.19-0.21							1.0
GUWA	SN	40	275	ES		17	3	33.49-0.46							1.0
GUWA	SE	40	275	IAML		17	3	33.91		4505	0.1				
SHL	HZ	67	189	EP		17	3	33.90 0.64							1.0
TEZP	SZ	87	54	EP		17	3	35.87 0.04							1.0
TEZP	SN	87	54	ES		17	3	46.72-0.08							1.0
TEZP	SN	87	54	IAML		17	3	47.50		6090	0.2				
ITAN	SZ	196	56	EP		17	3	50.34 0.08							1.0
ITAN	SN	196	56	ES		17	4	12.09 0.33							1.0
ITAN	SE	196	56	IAML		17	4	13.29		941	0.3				
KOHI	SZ	208	103	EP		17	3	52.40 0.14							1.0
KOHI	SE	208	103	ES		17	4	14.19-1.04							1.0
ZIRO	SZ	231	49	EP		17	3	54.21-0.37							1.0
ZIRO	SN	231	49	ES		17	4	19.88 0.64							1.0
ZIRO	SN	231	49	IAML		17	4	34.81		2605	0.3				
ZIRO	SE	231	49	IAML		17	4	35.69		3698	0.5				
IMP	SZ	238	128	EP		17	3	56.32 0.94							1.0
MOKO	SZ	243	85	EP		17	3	56.30-0.17							1.0
MOKO	SN	243	85	ES		17	4	21.92-0.59							1.0
MOKO	SN	243	85	IAML		17	4	23.47		384	0.3				
MOKO	SE	243	85	IAML		17	4	23.58		380	0.3				
AZL	SZ	275	167	EP		17	3	59.99 0.03							1.0
AZL	SN	275	167	ES		17	4	28.45-0.09							1.0
AZL	SN	275	167	IAML		17	4	30.76		130	0.3				
AZL	SE	275	167	IAML		17	4	31.08		148	0.4				
SAIH	SZ	417	167	EP		17	4	18.17 0.88							1.0
SAIH	SN	417	167	ES		17	4	57.85-0.68							1.0

February 25 2021 Hour: 20:38 51.4 Lat: 36.08N Lon: 70.90E D: 10.0F Ag: NCS Local
Magnitudes: 3.6ML NCS 3.6MW NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TSSA	BZ	601	125	EP		2040	12.25	0.17							1.0
TSSA	BN	601	125	ES		2041	10.43-0.51								1.0
TSSA	BE	601	125	IAML		2041	14.90			184	0.2				
TSSA	BN	601	125	IAML		2041	14.95			111	0.2				
THN	BZ	605	130	EP		2040	12.49	0.53							1.0
THN	BN	605	130	ES		2041	10.53-0.21								1.0
THN	BN	605	130	IAML		2041	17.66			67	0.3				
ALCI	BZ	609	108	EP		2040	11.45-1.07								1.0
ALCI	BE	609	108	ES		2041	12.11	0.41							1.0
DHRM	HZ	655	129	EP		2040	18.82	0.13							1.0
DHRM	HE	655	129	ES		2041	23.48	1.11							1.0
DHRM	HN	655	129	IAML		2041	26.20			113	0.3				
SMLA	HZ	800	132	EP		2040	35.76-0.17								1.0
SMLA	HN	800	132	ES		2041	50.67-1.53								1.0
SMLA	HN	800	132	IAML		2041	56.67			42	0.2				
SMLA	HE	800	132	IAML		2041	56.73			30	0.2				
JOSI	BZ	1012	125	EP		2041	2.01	0.34							1.0
JOSI	BE	1012	125	ES		2042	37.40	0.66							1.0
KUDL	HZ	1025	148	EP		2041	3.26	0.08							1.0
KUDL	HN	1025	148	ES		2042	39.39	0.05							1.0

February 26 2021 Hour: 9:28 23.4 Lat: 36.97N Lon: 72.31E D: 10.0 Ag: NCS Local
Magnitudes: 4.3ML NCS 4.5MW NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	537	123	EP		929	35.42	-0.34							1.0
ALCI	BE	537	123	ES		930	28.51	-0.05							1.0
ALCI	BE	537	123	IAML		930	37.07			296	0.3				
TSSA	BZ	577	141	EP		929	41.41	0.29							1.0
TSSA	BN	577	141	ES		930	38.30	0.47							1.0
TSSA	BE	577	141	IAML		930	45.70			519	0.2				
TSSA	BN	577	141	IAML		930	46.04			682	0.4				
THN	BZ	596	147	EP		929	43.82	1.07							1.0
THN	BN	596	147	ES		930	40.60	-0.05							1.0
THN	BE	596	147	IAML		930	51.54			486	0.8				
DHRM	HN	639	144	EP		929	49.14	0.37							1.0
DHRM	HN	639	144	ES		930	50.82	-0.25							1.0
DHRM	HE	639	144	IAML		931	1.10			1016	0.7				
DHRM	HN	639	144	IAML		931	1.49			1420	0.5				
BHK	BZ	723	148	EP		929	58.13	-0.14							1.0
BHK	BN	723	148	ES		931	7.82	0.32							1.0
BHK	BN	723	148	IAML		931	17.49			150	0.3				
SMLA	HZ	788	144	EP		930	6.68	0.21							1.0
SMLA	HN	788	144	ES		931	20.88	-0.81							1.0
SMLA	HN	788	144	IAML		931	29.97			341	0.6				
KLP	BZ	813	136	EP		930	9.59	-0.32							1.0
KLP	BE	813	136	ES		931	26.88	-0.77							1.0
KLP	BE	813	136	IAML		931	37.97			379	0.5				
DDI	HZ	909	143	EP		930	22.74	1.75							1.0
DDI	HN	909	143	ES		931	48.02	1.21							1.0
KUDL	HZ	1054	157	EP		930	37.03	-1.67							1.0
KUDL	HE	1054	157	ES		932	17.23	-0.22							1.0
PTH	BZ	1100	136	EP		930	43.78	-1.08							1.0

February 26 2021 Hour: 9:33 16.9 Lat: 22.83N Lon: 93.89E D:125.6 Ag: NCS Local
Magnitudes: 3.0ML NCS 3.2MW NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SAIH	SZ	100	248	EP		933	37.93	-0.39							1.0
SAIH	SN	100	248	ES		933	54.21	0.25							1.0
SAIH	SN	100	248	IAML		933	58.74			103	0.4				
AZL	SZ	158	310	EP		933	44.67	1.05							1.0
AZL	SN	158	310	ES		934	2.45	-0.67							1.0
AZL	SN	158	310	IAML		934	7.56			230	0.3				
AZL	SE	158	310	IAML		934	7.98			305	0.3				
SHL	HZ	359	328	EP		934	6.02	-0.44							1.0
SHL	HE	359	328	ES		934	43.15	0.52							1.0
GUWA	SZ	433	330	EP		934	14.50	-0.23							1.0
GUWA	SN	433	330	ES		934	56.88	-0.07							1.0

February 26 2021 Hour: 11:58 17.2 Lat: 47.39S Lon: 100.40E D: 14.1 Ag: NCS Regional
Magnitudes: 5.9MW NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PBA	HZ	6575	351	EP		12 8	16.35	-0.84							1.0
PBA	HN	6575	351	ES		1216	25.86	0.99							1.0
TRVM	HZ	6602	333	EP		12 8	18.40	-0.61							1.0
TRVM	HN	6602	333	ES		1216	28.26	0.01							1.0
KOD	BZ	6766	334	EP		12 8	29.48	0.06							1.0
HYB	HZ	7493	337	EP		12 9	11.92	-0.10							1.0
HYB	HE	7493	337	ES		1218	8.30	0.23							1.0
RAGD	BZ	7562	343	EP		12 9	15.59	-0.23							1.0
BWNR	BZ	7622	345	EP		12 9	19.87	0.72							1.0
SAIH	SZ	7764	353	EP		12 9	28.02	0.93							1.0

SAIH	SN	7764	353	ES	1218	37.16	0.40								1.0
NGP	BZ	7878	339	EP	12	9	33.68	0.25							1.0
BLSP	BZ	7899	342	EP	12	9	34.65	0.11							1.0
AZL	SZ	7904	353	EP	12	9	34.43	-0.32							1.0
AZL	SN	7904	353	ES	1218		50.62	-0.77							1.0
AGT	SZ	7936	351	EP	12	9	35.71	-0.72							1.0
BOKR	HZ	8006	346	EP	12	9	39.87	-0.44							1.0
BOKR	HN	8006	346	ES	1219		1.32	-0.70							1.0
IMP	SZ	8014	354	EP	12	9	40.85	0.24							1.0
IMP	SN	8014	354	ES	1219		2.58	-0.02							1.0
SHL	HZ	8113	352	EP	12	9	45.98	-0.43							1.0
SHL	HN	8113	352	ES	1219		14.11	0.48							1.0
BHPL	HZ	8144	338	EP	12	9	47.02	-0.68							1.0
BHPL	HN	8144	338	ES	1219		16.16	-0.02							1.0
BHV	BZ	8153	333	EP	12	9	48.81	0.56							1.0
MOKO	SZ	8174	354	EP	12	9	50.15	0.57							1.0
GUWA	SZ	8185	352	EP	12	9	49.18	-0.53							1.0
GUWA	SN	8185	352	ES	1219		20.12	0.07							1.0
ALBI	BZ	8254	343	EP	12	9	53.43	0.04							1.0
ITAN	SZ	8271	354	EP	12	9	54.96	0.71							1.0
ITAN	SN	8271	354	ES	1219		27.65	-1.13							1.0
LKP	SZ	8277	356	EP	12	9	54.32	-0.21							1.0
ZIRO	SZ	8312	354	EP	12	9	56.24	-0.12							1.0
ZIRO	SN	8312	354	ES	1219		33.24	0.40							1.0
JHNI	BZ	8347	340	EP	12	9	58.67	0.38							1.0
BHUJ	HZ	8398	331	EP	1210		0.66	-0.39							1.0
KUDL	HZ	8690	339	EP	1210		16.24	0.53							1.0
PTH	BZ	8751	342	EP	1210		19.34	0.07							1.0
KLP	BZ	9007	341	EP	1210		31.85	0.11							1.0
BHK	BZ	9039	339	EP	1210		33.00	0.36							1.0

February 26 2021 Hour: 21:34 46.4

Ag: NCS Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DHRM	HZ			EP		2136	42.77								
SMLA	HN			ES		2138	13.18								
SMLA	HN			IAML		2138	18.89			277	0.4				
DHRM	HE			ISg		2137	43.35								
DHRM	HE			IAML		2137	44.70			338	0.3				
SMLA	HZ			EP		2136	59.51								
SMLA	HE			IAML		2138	19.00			164	0.1				

February 27 2021 Hour: 2:35 13.8 Lat: 36.72N Lon: 71.89E

**D:231.3
Rms: 0.3 secs**

Ag: NCS Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TSSA	BZ	581	137	EP		236	32.25	-0.54							1.0
TSSA	BN	581	137	ES		237	30.56	0.10							1.0
TSSA	BN	581	137	IAML		237	32.75			119	0.2				
TSSA	BE	581	137	IAML		237	32.89			104	0.3				
THN	BZ	595	142	EP		236	34.13	0.33							1.0
THN	BN	595	142	ES		237	31.82	-0.38							1.0
DHRM	HZ	640	139	EP		236	39.95	0.22							1.0
DHRM	HN	640	139	ES		237	42.91	0.45							1.0
DHRM	HN	640	139	IAML		237	45.49			79	0.2				
SMLA	HZ	789	140	EP		236	56.49	-0.01							1.0
SMLA	HN	789	140	ES		238	11.30	-0.18							1.0
SMLA	HE	789	140	IAML		238	16.71			33	0.2				

February 27 2021 Hour: 20:3 43.8 Lat: 29.32N Lon: 86.70E D: 10.0F Ag: NCS Local
Magnitudes: 3.5ML NCS 3.5MW NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHL	HZ	668	127	EP		20 5	12.69	0.23							1.0
SHL	HN	668	127	ES		20 6	18.38	1.21							1.0
KOHI	SZ	834	117	EP		20 5	31.94	-0.72							1.0
KOHI	SN	834	117	ES		20 6	51.92	-0.20							1.0
KOHI	SE	834	117	IAML		20 7	2.52			43	1.2				
AZL	SZ	859	135	EP		20 5	36.43	1.10							1.0
AZL	SN	859	135	ES		20 6	55.70	-1.03							1.0
AZL	SN	859	135	IAML		20 7	9.28			20	1.0				
IMP	SZ	874	123	EP		20 5	37.30	0.22							1.0
IMP	SN	874	123	ES		20 6	59.61	-0.15							1.0
SAIH	SZ	984	139	EP		20 5	49.86	-0.77							1.0
SAIH	SN	984	139	ES		20 7	23.33	0.13							1.0
SAIH	SN	984	139	IAML		20 7	32.98			26	1.0				

February 28 2021 Hour: 12:33 20.1 Lat: 27.28N Lon: 86.97E D:100.0F Ag: NCS Local
Magnitudes: 3.5ML NCS 3.9MW NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GUWA	SZ	485	103	EP		1234	24.09	0.40							1.0
GUWA	SN	485	103	ES		1235	12.04	1.91							1.0
SHL	HZ	535	110	EP		1234	30.39	0.09							1.0
SHL	HN	535	110	ES		1235	21.10	-0.46							1.0
KOHI	SZ	732	102	EP		1234	52.87	-1.15							1.0
KOHI	SN	732	102	ES		1236	1.60	-1.01							1.0
KOHI	SN	732	102	IAML		1236	11.07			30	0.9				
MOKO	SZ	757	96	EP		1234	57.69	0.66							1.0
MOKO	SN	757	96	ES		1236	7.36	-0.45							1.0
MOKO	SN	757	96	IAML		1236	18.67			67	0.4				

February 28 2021 Hour: 20:39 32.0 Ag: Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SAIH	SZ	7504	308	EP		2050	28.25	0.03							1.0
IMP	SZ	7590	311	EP		2050	33.42	0.42							1.0
AZL	SZ	7613	309	EP		2050	34.33	-0.04							1.0
LKP	SZ	7625	314	EP		2050	35.52	0.56							1.0
KOHI	SZ	7640	311	EP		2050	35.72	-0.62							1.0
MOKO	SZ	7652	312	EP		2050	36.32	-0.61							1.0
AGT	SZ	7740	308	EP		2050	41.47	0.10							1.0
SHL	HZ	7795	310	EP		2050	45.07	0.15							1.0

February 28 2021 Hour: 23:37 14.3 Lat: 17.53S Lon: 167.77E D: 10.0F Ag: NCS Regional
Magnitudes: 5.8Mb NCS 6.1MW NCS Rms: 1.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PWAL	BZ			EP		2350	36.16								
PWAL	BE			ES		24 1	30.97								
PBA	HZ	8853	286	EP		2349	21.47	-0.28							1.0
PBA	HE	8853	286	ES		2359	23.11	-1.27							1.0
SAIH	SZ	9263	296	EP		2349	41.22	-0.09							1.0
SAIH	SN	9263	296	ES		24 0	2.62	0.04							1.0
IMP	SZ	9271	299	EP		2349	41.38	-0.22							1.0
IMP	SZ	9271	299	IAmb		2349	43.89			61	1.2				
IMP	SN	9271	299	ES		24 0	1.82	-0.83							1.0
MOKO	SZ	9283	300	EP		2349	42.19	-0.39							1.0
MOKO	SN	9283	300	ES		24 0	1.87	-2.26							1.0
KOHI	SZ	9294	299	EP		2349	42.79	-0.39							1.0
KOHI	SN	9294	299	ES		24 0	3.81	-1.11							1.0
AZL	SZ	9343	297	EP		2349	44.91	-0.05							1.0
AZL	SN	9343	297	ES		24 0	8.05	1.08							1.0

SHL	HZ	9485	299	EP	2349	51.60-0.22	1.0
SHL	HE	9485	299	ES	24 0	14.01-1.98	1.0
AGT	SZ	9486	297	EP	2349	51.67 0.31	1.0
AGT	SE	9486	297	ES	24 0	18.07 2.92	1.0
GUWA	SZ	9538	299	EP	2349	53.61-0.08	1.0
GUWA	SE	9538	299	ES	24 0	20.81 2.66	1.0
CAL	BZ	9712	295	EP	2350	1.39 0.03	1.0
CAL	BE	9712	295	ES	24 0	29.23 1.33	1.0
COBR	BZ	9750	298	EP	2350	2.78-0.18	1.0
COBR	BN	9750	298	ES	24 0	28.03-1.97	1.0
JPG	BZ	9830	298	EP	2350	7.74 1.36	1.0
BOKR	HZ	9995	295	EP	2350	12.55-0.88	1.0
BOKR	HE	9995	295	ES	24 0	44.05 0.68	1.0
RAGD	BZ10072	290	EP	2350	16.55-0.05	1.0	
RAGD	BE10072	290	ES	24 0	46.21-1.07	1.0	
VJD	BZ10262	287	EP	2350	24.71 0.16	1.0	
VJD	BE10262	287	ES	24 0	59.75 2.66	1.0	
BLSP	BZ10296	292	EP	2350	26.12 0.15	1.0	
BLSP	BE10296	292	ES	24 0	58.25-0.65	1.0	
VLK	BZ10311	298	EP	2350	26.11-0.42	1.0	
VLK	BE10311	298	ES	24 1	1.00 1.36	1.0	
VAR	BZ10325	295	EP	2350	25.86-1.21	1.0	
VAR	BE10325	295	ES	24 0	59.50-0.76	1.0	
GKPR	BZ10333	297	EP	2350	27.51 0.10	1.0	
GKPR	BE10333	297	ES	24 0	58.55-2.13	1.0	
SALM	BZ10359	281	EP	2350	28.64-0.02	1.0	
SALM	BE10359	281	ES	24 1	3.56 1.47	1.0	
TRVM	HZ10382	278	EP	2350	30.82 1.27	1.0	
TRVM	HE10382	278	ES	24 1	5.87 2.77	1.0	
KOD	BZ10385	280	EP	2350	29.51-0.47	1.0	
KOD	BE10385	280	ES	24 1	5.71 1.91	1.0	
ALBI	BZ10440	295	EP	2350	30.91-0.90	1.0	
ALBI	BN10440	295	ES	24 1	4.78-1.20	1.0	
HYB	HZ10505	287	EP	2350	34.01-0.63	1.0	
HYB	HE10505	287	ES	24 1	9.93 0.61	1.0	
BRCH	BZ10534	297	EP	2350	34.47-1.18	1.0	
BRCH	BE10534	297	ES	24 1	11.38 0.80	1.0	
LKN	BZ10574	296	EP	2350	37.82 0.45	1.0	
LKN	BE10574	296	ES	24 1	12.20-0.43	1.0	
NGP	BZ10575	290	EP	2350	37.95 0.52	1.0	
NGP	BE10575	290	ES	24 1	10.15-2.49	1.0	
PTH	BZ10730	299	EP	2350	44.46 0.21	1.0	
PTH	BE10730	299	ES	24 1	22.00 0.95	1.0	
LATR	BZ10742	287	EP	2350	43.36-0.92	1.0	
LATR	BE10742	287	ES	24 1	19.64-0.99	1.0	
JHNI	BZ10752	294	EP	2350	44.34-0.22	1.0	
JHNI	BN10752	294	ES	24 1	19.47-1.52	1.0	
AKL	BZ10763	290	EP	2350	45.11 0.03	1.0	
AKL	BE10763	290	ES	24 1	20.30-1.26	1.0	
BHPL	HZ10800	292	EP	2350	46.70 0.15	1.0	
BHPL	HE10800	292	ES	24 1	23.64 0.34	1.0	
JOSI	BZ10820	300	EP	2350	46.95-0.47	1.0	
JOSI	BE10820	300	ES	24 1	23.46-1.01	1.0	
AGRA	BZ10862	296	EP	2350	48.99 0.02	1.0	
AGRA	BE10862	296	ES	24 1	27.66 1.55	1.0	
NRDN	BZ10865	291	EP	2350	49.57 0.43	1.0	
NRDN	BE10865	291	ES	24 1	23.58-2.69	1.0	
UTK	BZ10928	300	EP	2350	51.75-0.07	1.0	
UTK	BZ10928	300	IAmb	2350	53.62		
UTK	BE10928	300	ES	24 1	32.09 2.51	1.0	
GOA	HZ10929	284	EP	2350	51.74-0.01	1.0	
GOA	HE10929	284	ES	24 1	30.82 1.65	1.0	
ASOR	BZ10932	297	EP	2350	51.38-0.46	1.0	
ASOR	BN10932	297	ES	24 1	32.65 3.19	1.0	

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MERT	BZ10942	298	EP	2350	47.52-4.64			0.0
MERT	BN10942	298	ES	24	1	32.37	2.58	1.0
KAD	BZ10947	285	EP	2350	51.67-0.48			1.0
KAD	BE10947	285	ES	24	1	33.43	3.40	1.0
DDI	HZ10952	299	EP	2350	52.99	0.66		1.0
DDI	HE10952	299	ES	24	1	28.95-1.29		1.0
KLP	BZ10969	300	EP	2350	52.56-1.08			1.0
KLP	BE10969	300	ES	24	1	31.93-0.17		1.0
LDR	HZ10979	297	EP	2350	58.60	5.18		0.0
LDR	HE10979	297	ES	24	1	29.69-1.78		1.0
NDI	HZ10983	297	EP	2350	53.76	0.18		1.0
NDI	HE10983	297	ES	24	1	29.32-2.34		1.0
SONA	BZ10984	297	EP	2350	53.87	0.22		1.0
SONA	BZ10984	297	IAmb	2350	54.08		12	0.5
SONA	BE10984	297	ES	24	1	30.39-1.35		1.0
NRLA	BZ10997	297	EP	2350	54.11	0.00		1.0
NRLA	BE10997	297	ES	24	1	30.97-1.27		1.0
GNR	BZ11013	298	EP	2350	54.80	0.03		1.0
GNR	BE11013	298	ES	24	1	35.23	2.24	1.0
POO	HZ11018	287	EP	2350	55.04	0.01		1.0
POO	HE11018	287	ES	24	1	32.31-1.03		1.0
KUDL	HZ11036	297	EP	2350	56.51	0.83		1.0
KUDL	HE11036	297	ES	24	1	32.80-1.22		1.0
KKR	BZ11056	298	EP	2350	58.60	2.06		1.0
KKR	BN11056	298	ES	24	1	42.19	7.18	1.0
SMLA	HZ11056	300	EP	2350	56.74-0.05			1.0
SMLA	HE11056	300	ES	24	1	34.70-0.74		1.0
RTK	BZ11068	297	EP	2350	56.27-0.73			1.0
RTK	BE11068	297	ES	24	1	35.26-0.27		1.0
BOM	BZ11134	287	EP	2350	58.31-1.26			1.0
BOM	BE11134	287	ES	24	1	37.59-0.76		1.0
BHK	BZ11137	300	EP	2350	58.24-1.48			1.0
BHK	BE11137	300	ES	24	1	38.89	0.35	1.0
ALCI	BZ11141	303	EP	2351	0.33	0.22		1.0
ALCI	BE11141	303	ES	24	1	42.02	2.91	1.0
AJM	BZ11166	294	EP	2351	0.63-0.29			1.0
AJM	BE11166	294	ES	24	1	38.23-1.66		1.0
DHRM	HZ11167	301	EP	2351	2.36	0.68		1.0
DHRM	HE11167	301	ES	24	1	40.14-1.03		1.0
UDPR	BZ11204	292	EP	2351	1.95-0.44			1.0
UDPR	BZ11204	292	IAmb	2351	3.42		4	0.6
UDPR	BE11204	292	ES	24	1	40.99-0.48		1.0
BHV	BZ11282	289	EP	2351	5.40-0.07			1.0
BHV	BE11282	289	ES	24	1	47.08	2.27	1.0
JMU	BZ11316	301	EP	2351	6.37-0.47			1.0
JMU	BE11316	301	ES	24	1	46.16-0.14		1.0
SRGN	BZ11330	298	EP	2351	7.37-0.07			1.0
SRGN	BE11330	298	ES	24	1	47.01	0.05	1.0
SRIN	BZ11351	302	EP	2351	8.36	0.08		1.0
SRIN	BZ11351	302	E	2351	9.31			
SRIN	BZ11351	302	IAmb	2351	9.31		61	0.4
SRIN	BE11351	302	ES	24	1	50.56	2.68	1.0
JASL	BZ11539	294	EP	2351	15.96	0.17		1.0
JASL	BE11539	294	ES	24	1	56.50	0.72	1.0
BHUJ	HZ11570	290	EP	2351	17.69	0.70		1.0
BHUJ	HN11570	290	ES	24	1	48.53-8.48		1.0