

Monthly Seismological Bulletin

from the

National Center For Seismology

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Ministry of Earth Sciences
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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	BISRAXH
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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- 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.

June 1 2023 Hour: 0:44 31.2 Lat: 36.75N Lon: 71.50E D:188.8 Ag: NCS Local
Magnitudes: 4.2ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ			EP		0045	43.99								
UDMP	HN			ES		0046	35.82								
JMU	BZ	536	144	EP		0045	43.88	0.79							1.0
JMU	BN	536	144	ES		0046	36.28	0.70							1.0
JMU	BN	536	144	IAML		0046	39.20			985	0.6				
THN	BZ	620	139	EP		0045	53.22	0.32							1.0
THN	BN	620	139	ES		0046	51.12	-1.44							1.0
THN	BN	620	139	IAML		0046	54.90			275	0.3				
DHRM	HZ	667	137	EP		0045	58.57	0.18							1.0
DHRM	HN	667	137	ES		0047	01.66	-0.39							1.0
DHRM	HN	667	137	IAML		0047	04.51			750	0.4				
SDNR	BZ	764	138	EP		0046	10.21	0.41							1.0
SDNR	BN	764	138	ES		0047	21.20	-0.60							1.0
SMLA	HZ	815	138	EP		0046	15.94	0.11							1.0
SMLA	HN	815	138	ES		0047	32.03	-0.20							1.0
SMLA	HN	815	138	IAML		0047	35.00			148	0.3				
JOSI	BZ	1015	130	EP		0046	40.54	0.88							1.0
JOSI	BE	1015	130	ES		0048	13.97	0.51							1.0
NDI	HN	1042	148	ES		0048	19.66	0.47							1.0
SONA	BN	1078	149	ES		0048	26.97	0.48							1.0
PTH	BZ	1135	132	EP		0046	53.48	-0.58							1.0
PTH	BE	1135	132	ES		0048	38.02	-0.34							1.0
PTH	BN	1135	132	IAML		0048	45.53			26	0.4				
LGTI	BZ	1143	133	EP		0046	54.64	-0.43							1.0
LGTI	BN	1143	133	ES		0048	40.38	0.28							1.0
LGTI	BN	1143	133	IAML		0048	44.43			259	0.4				
AJM	BZ	1183	165	EP		0046	58.14	-1.64							1.0
AJM	BE	1183	165	ES		0048	48.75	0.48							1.0
AJM	BE	1183	165	IAML		0048	51.74			22	0.2				
BHK	BN			ES		*0047	19.01								
BHK	BZ			EP		*0046	08.64								

June 1 2023 Hour: 1:10 26.1 Lat: 22.08N Lon: 94.71E D: 10.0F Ag: NCS Local
Magnitudes: 3.4ML NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMPI	HZ			EP		0111	04.52								
CMPI	HN			ES		0111	31.14								
SAIH	SZ	183	285	EP		0110	56.55	-0.30							1.0
SAIH	SN	183	285	ES		0111	19.77	0.50							1.0
SAIH	SN	183	285	IAML		0111	20.83			302	0.3				
AZL	SZ	277	312	EP		0111	08.76	0.49							1.0
AZL	SE	277	312	ES		0111	38.91	-0.13							1.0
AZL	SE	277	312	IAML		0111	41.54			69	0.2				
KOHI	SZ	408	352	EP		0111	24.26	-0.03							1.0
KOHI	SN	408	352	ES		0112	07.30	0.56							1.0
KOHI	SE	408	352	IAML		0112	11.96			171	0.4				
SHL	HZ	475	325	EP		0111	32.01	-0.48							1.0
SHL	HE	475	325	ES		0112	20.34	-0.60							1.0
SHL	HN	475	325	IAML		0112	22.92			801	0.3				
IMP	SZ			EP		*0111	18.10								
IMP	SN			ES		*0111	56.00								

June 1 2023 Hour: 3:30 16.0 Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KOHI	SZ			EP		0331	19.90								
KOHI	SE			ES		0331	48.89								
MOKO	SZ			EP		0331	18.90								
MOKO	SE			ES		0331	51.18								
IMP	SZ			EP		0331	20.03								
IMP	SN			ES		0331	47.89								

SAIH	SZ		EP	0331	46.04
ZIRO	SZ		EP	0331	29.80
CMPI	HZ		EP	0331	35.94

June 1 2023 Hour: 4: 4 36.3 Lat: 25.01N Lon: 96.46E D: 90.0F Ag: NCS Regional
Magnitudes: 3.2ML NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMPI	HZ			EP		0405	28.94								
CMPI	HE			ES		0406	07.15								
MOKO	SZ	243	307	EP		0405	14.45	0.10							1.0
MOKO	SN	243	307	ES		0405	42.58	0.45							1.0
MOKO	SN	243	307	IAML		0405	46.81			2862	0.6				
KOHI	SZ	249	289	EP		0405	15.61	0.55							1.0
KOHI	SN	249	289	ES		0405	43.03	-0.34							1.0
KOHI	SE	249	289	IAML		0405	48.07			204	0.6				
IMP	SZ	254	266	EP		0405	14.74	-0.93							1.0
IMP	SN	254	266	ES		0405	44.10	-0.33							1.0
IMP	SE	254	266	IAML		0405	52.35			54	0.7				
SAIH	SZ	451	232	EP		0405	39.47	-0.24							1.0
SAIH	SN	451	232	ES		0406	26.75	0.73							1.0
SAIH	SE	451	232	IAML		0406	30.82			21	0.6				

June 1 2023 Hour: 18:12 14.3 Lat: 36.60N Lon: 70.53E D:233.7 Ag: NCS Regional
Magnitudes: 4.6ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	578	136	EP		1813	33.75	1.32							1.0
JMU	BE	578	136	ES		1814	29.73	0.27							1.0
JMU	BN	578	136	IAML		1814	33.81			552	0.5				
UDMP	HZ	586	133	EP		1813	34.41	1.03							1.0
UDMP	HN	586	133	ES		1814	30.23	-0.88							1.0
UDMP	HE	586	133	IAML		1814	34.81			12289	0.8				
THN	BZ	668	132	EP		1813	43.42	0.58							1.0
THN	BN	668	132	ES		1814	46.01	-1.45							1.0
THN	BN	668	132	IAML		1814	49.89			4465	0.6				
DHRM	HZ	717	131	EP		1813	49.19	0.00							1.0
DHRM	HE	717	131	ES		1814	57.72	-0.72							1.0
DHRM	HE	717	131	IAML		1815	00.43			911	0.6				
BHK	BZ	790	135	EP		1813	56.60	-0.35							1.0
BHK	BN	790	135	ES		1815	12.84	0.96							1.0
SDNR	BZ	813	132	EP		1814	00.24	0.59							1.0
SDNR	BN	813	132	ES		1815	15.94	-0.61							1.0
SDNR	BN	813	132	IAML		1815	20.44			106	0.5				
SMLA	HZ	863	133	EP		1814	05.34	-0.44							1.0
SMLA	HN	863	133	ES		1815	26.64	-0.51							1.0
CGRH	BN	867	137	ES		1815	28.68	1.21							1.0
JOSI	BZ	1072	126	EP		1814	31.62	1.26							1.0
JOSI	BE	1072	126	ES		1816	10.42	0.74							1.0
JASL	BZ	1073	178	EP		1814	30.20	-0.10							1.0
JASL	BE	1073	178	ES		1816	09.55	-0.02							1.0
NDI	HN	1077	143	ES		1816	11.20	0.72							1.0
SONA	BN	1110	145	ES		1816	16.27	-1.04							1.0
MUKT	HZ	1162	130	EP		1814	40.40	-0.84							1.0
MUKT	HN	1162	130	ES		1816	28.03	-0.46							1.0
PTH	BZ	1190	128	EP		1814	43.92	-0.97							1.0
PTH	BE	1190	128	ES		1816	36.07	1.27							1.0
PTH	BN	1190	128	IAML		1816	39.39			21	0.5				
AJM	BE	1192	160	ES		1816	35.35	1.09							1.0
LGTI	BZ	1196	129	EP		1814	45.33	-0.44							1.0
LGTI	BE	1196	129	ES		1816	35.75	-0.58							1.0
AJM	BZ	1192	160	EP		1814	42.94	-1.63							1.0

June 2 2023 Hour: 2:33 53.9 Lat: 20.29N Lon: 71.41E D: 5.0 Ag: NCS Local
Magnitudes: 2.9ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRAT	HZ	169	56	EP		0234	21.36	-0.30							1.0
BOM	BZ	213	136	EP		0234	27.41	0.42							1.0
BOM	BN	213	136	ES		0234	51.55	0.38							1.0
BOM	BN	213	136	IAML		0234	58.87			126	0.4				
POO	HN	322	127	EP		0234	39.92	-0.45							1.0
POO	HE	322	127	ES		0235	15.26	0.96							1.0
POO	HN	322	127	IAML		0235	23.81			153	0.3				
BHUJ	HZ	375	331	EP		0234	47.17	0.33							1.0
BHUJ	HN	375	331	ES		0235	25.39	-0.12							1.0
BHUJ	HN	375	331	IAML		0235	28.18			45	0.2				
KAD	BN	441	138	ES		0235	38.11	-1.22							1.0
KAD	BE	441	138	IAML		0235	41.19			8	0.3				

June 2 2023 Hour: 14:15 51.5 Ag: Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SAIH	SZ			EP		1421	08.59								
MOKO	SZ			EP		1421	37.60								
KOHI	SZ			EP		1421	34.39								
DHUB	SZ			EP		1421	45.53								
ZIRO	SE			ES		1424	52.98								
CMPI	HZ			EP		1421	17.91								
BWNR	BZ			EP		1421	16.75								
BLSP	BZ			EP		1421	53.28								
PTH	BZ			EP		1422	53.58								
KOD	BZ			EP		1421	28.93								

June 3 2023 Hour: 7:48 21.6 Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MUKT	HZ			EP		0751	40.58								
CMPI	HZ			EP		0751	38.49								
SDNR	BE			ES		0754	56.33								
THN	BN			ES		0755	08.63								
HNLY	BZ			EP		0751	41.99								
SMLA	HZ			EP		0752	05.50								
DHRM	HZ			EP		0751	51.93								
THN	BZ			EP		0751	42.45								
SDNR	BZ			EP		0751	56.88								
ALCI	BZ			EP		0751	46.53								

June 3 2023 Hour: 10:25 0.3 Lat: 35.80N Lon: 69.30E D: 10.0F Ag: NCS Regional
Magnitudes: 4.0ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BE	609	122	ES		1027	21.24	0.72							1.0
UDMP	HN	624	119	ES		1027	23.98	0.46							1.0
UDMP	HN	624	119	IAML		1027	26.13			1431	0.2				
THN	BZ	706	120	EP		1026	32.10	-0.58							1.0
THN	BN	706	120	ES		1027	39.05	-1.04							1.0
THN	BN	706	120	IAML		1027	44.39			58	0.3				
ALCI	BZ	741	101	EP		1026	37.00	0.11							1.0
ALCI	BE	741	101	ES		1027	47.24	-0.14							1.0
ALCI	BE	741	101	IAML		1027	51.82			41	0.3				
DHRM	HZ	757	119	EP		1026	38.82	-0.56							1.0
DHRM	HN	757	119	ES		1027	50.59	-1.10							1.0
DHRM	HN	757	119	IAML		1027	55.10			1248	0.2				
BHK	BN	819	125	ES		1028	03.05	0.22							1.0
SDNR	BZ	849	122	EP		1026	49.26	-0.20							1.0
SDNR	BN	849	122	ES		1028	10.48	1.36							1.0
SDNR	BN	849	122	IAML		1028	14.15			29	0.2				
SMLA	HN	896	123	EP		1026	55.74	0.45							1.0
SMLA	HN	896	123	ES		1028	19.48	0.28							1.0

June 3 2023 Hour: 11:36 14.1 Ag: Regional

June 3 2023 Hour: 18:48 58.4 Lat: 25.05N Lon: 96.45E D: 10.0F Ag: NCS Regional
Magnitudes: 3.0ML NCS Rms: 0.7 secs

June 4 2023 Hour: 0:16 0.3 Lat: 25.87N Lon: 90.98E D: 7.9 Ag: NCS Local
Magnitudes: 2.8ML NCS Rms: 0.8 secs

4

June 4 2023 Hour: 4:35 25.1 Lat: 36.58N Lon: 71.97E D:150.0F Ag: NCS Local
Magnitudes: 4.4ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BN	496	147	EP		0436	33.79	0.39							1.0
JMU	BN	496	147	ES		0437	24.81	1.57							1.0
JMU	BN	496	147	IAML		0437	28.05			1156	0.7				
UDMP	HZ	498	144	EP		0436	34.47	0.73							1.0
UDMP	HN	498	144	ES		0437	24.90	1.07							1.0
ALCI	BZ	541	117	EP		0436	40.26	1.10							1.0
ALCI	BN	541	117	ES		0437	34.20	1.00							1.0
ALCI	BE	541	117	IAML		0437	41.98			782	0.2				
THN	BZ	578	141	EP		0436	43.41	-0.10							1.0
THN	BN	578	141	ES		0437	41.18	0.45							1.0
THN	BN	578	141	IAML		0437	46.05			177	0.3				
DHRM	HZ	624	139	EP		0436	49.76	-0.04							1.0
DHRM	HN	624	139	ES		0437	51.24	-0.37							1.0
DHRM	HN	624	139	IAML		0437	54.91			420	0.3				
BHK	BN	704	143	ES		0438	07.43	0.14							1.0
BHK	BN	704	143	IAML		0438	09.60			1173	0.2				
SDNR	BE	721	139	EP		0437	00.54	-0.40							1.0
SDNR	BN	721	139	ES		0438	10.39	-0.49							1.0
SDNR	BE	721	139	IAML		0438	14.07			794	0.3				
HNLY	BZ	767	121	EP		0437	06.66	-0.05							1.0
SMLA	HZ	772	140	EP		0437	07.02	-0.43							1.0
SMLA	HN	772	140	ES		0438	21.53	-0.62							1.0
SMLA	HN	772	140	IAML		0438	25.77			878	0.2				
UTK	BZ	883	135	EP		0437	20.95	-0.01							1.0
UTK	BN	883	135	ES		0438	43.09	-2.43							1.0
UTK	BN	883	135	IAML		0438	49.99			140	0.4				
MUKT	HZ	1066	136	EP		0437	41.89	-1.49							1.0

June 4 2023 Hour: 15:42 43.8 Lat: 36.56N Lon: 71.18E D:254.3 Ag: NCS Local
Magnitudes: 4.2ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BN	536	140	ES		1544	52.83	0.55							1.0
UDMP	HZ	542	137	EP		1543	59.20	0.43							1.0
UDMP	HE	542	137	ES		1544	53.92	0.44							1.0
UDMP	HN	542	137	IAML		1544	56.68			4082	0.3				
THN	BN	623	136	EP		1544	07.16	-0.79							1.0
THN	BN	623	136	ES		1545	10.11	0.75							1.0
THN	BN	623	136	IAML		1545	12.21			281	0.5				
DHRM	HZ	671	134	EP		1544	13.87	-0.22							1.0
DHRM	HN	671	134	ES		1545	18.61	-1.36							1.0
DHRM	HN	671	134	IAML		1545	22.31			384	0.4				
BHK	BN	747	139	ES		1545	33.10	-0.71							1.0
BHK	BE	747	139	IAML		1545	38.75			126	0.3				
SDNR	BN	767	135	ES		1545	38.46	0.50							1.0
SMLA	HZ	818	136	EP		1544	30.39	-0.22							1.0
SMLA	HN	818	136	ES		1545	47.20	-1.36							1.0
SMLA	HE	818	136	IAML		1545	54.97			206	0.6				
UTK	BZ	933	132	EP		1544	44.71	0.71							1.0
UTK	BN	933	132	ES		1546	11.98	0.25							1.0
UTK	BN	933	132	IAML		1546	20.09			132	0.4				
PTH	BN	1142	130	ES		1546	56.56	1.45							1.0
PTH	BN	1142	130	IAML		1547	03.89			19	0.4				
LGTI	BN	1149	131	ES		1546	56.16	-0.61							1.0
AJM	BN	1169	163	ES		1546	59.92	0.17							1.0

June 4 2023 Hour: 20:38 30.0

Ag: Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KOHI	SZ			EP		2042	08.03								
TURA	SZ			EP		2041	59.48								
IMP	SZ			EP		2042	17.16								
MOKO	SZ			EP		2042	01.00								
SHL	HZ			EP		2042	01.20								
SMLA	HZ			EP		2042	51.53								
SAIH	SZ			EP		2042	43.43								
DHRM	HZ			EP		2042	48.83								
CMPI	HZ			EP		2042	36.42								

June 5 2023 Hour: 2:9 9.6

Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ZIRO	SZ			EP		0211	32.15								
DHUB	SZ			EP		0211	26.67								
DHUB	SZ			ES		0211	53.63								
TURA	SZ			EP		0211	27.67								
CMPI	HN			ES		0212	22.50								

June 5 2023 Hour: 9:37 13.9

Lat: 37.85N Lon: 71.93E D: 7.5

Ag: NCS Local

Magnitudes: 4.1ML NCS

Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	620	151	EP		0938	37.07	0.63							1.0
ALCI	BZ	622	129	EP		0938	37.48	0.56							1.0
ALCI	BN	622	129	ES		0939	38.81	1.27							1.0
ALCI	BE	622	129	IAML		0939	45.20			284	0.6				
THN	BZ	696	148	EP		0938	46.57	0.77							1.0
THN	BN	696	148	ES		0939	53.04	0.15							1.0
THN	BN	696	148	IAML		0940	00.74			505	0.4				
DHRM	HZ	739	146	EP		0938	51.50	-0.18							1.0
DHRM	HE	739	146	ES		0940	03.39	0.32							1.0
DHRM	HN	739	146	IAML		0940	07.11			127	0.4				
BHK	BN	824	149	ES		0940	19.32	-0.49							1.0
SDNR	BN	835	145	EP		0939	03.03	0.23							1.0
SDNR	BE	835	145	ES		0940	22.79	0.49							1.0
SDNR	BE	835	145	IAML		0940	25.69			199	0.3				
HNLY	BZ	852	129	EP		0939	03.40	-1.56							1.0
HNLY	BE	852	129	ES		0940	25.58	-0.47							1.0
HNLY	BN	852	129	IAML		0940	29.46			66	0.3				
SMLA	HZ	887	146	EP		0939	08.82	-0.55							1.0
SMLA	HN	887	146	ES		0940	33.76	0.09							1.0
SMLA	HE	887	146	IAML		0940	37.01			697	0.3				
KUDL	HZ	1157	157	EP		0939	42.44	0.38							1.0
KUDL	HE	1157	157	ES		0941	29.64	-0.58							1.0
KUDL	HN	1157	157	IAML		0941	32.56			29	0.2				
MUKT	HZ	1174	140	EP		0939	44.10	-0.28							1.0
LGTI	BE	1204	139	ES		0941	40.56	-0.78							1.0

June 5 2023 Hour: 17:59 13.6

Lat: 25.23N Lon: 96.46E D: 7.5

Ag: NCS Local

Magnitudes: 2.8ML NCS

Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MOKO	SZ	230	302	EP		1759	49.02	0.05							1.0
MOKO	SE	230	302	ES		1800	14.69	-0.09							1.0
MOKO	SN	230	302	IAML		1800	21.74			76	0.6				
KOHI	SZ	243	283	EP		1759	51.06	0.41							1.0
KOHI	SE	243	283	ES		1800	18.49	0.80							1.0
KOHI	SN	243	283	IAML		1800	29.16			40	0.5				
IMP	SZ	258	261	EP		1759	51.29	-0.66							1.0
IMP	SN	258	261	ES		1800	19.33	-0.60							1.0
IMP	SN	258	261	IAML		1800	24.67			261	0.7				
ZIRO	SZ	364	315	EP		1800	05.90	0.94							1.0
ZIRO	SN	364	315	ES		1800	41.47	-0.97							1.0

LDR	HN	59	104	IAML	0139	07.94			791	0.3							
SONA	BZ	67	141	EP	0138	58.93	-0.64										1.0
SONA	BE	67	141	ES	0139	07.88	-0.27										1.0
SONA	BN	67	141	IAML	0139	09.29			93	0.3							
MERT	BZ	111	75	EP	0139	07.93	0.76										1.0
UTK	BN	284	38	ES	0140	00.39	0.42										1.0
UTK	BN	284	38	IAML	0140	00.72			42	0.2							
AJM	BZ	322	218	EP	0139	33.64	-0.29										1.0
AJM	BN	322	218	ES	0140	08.66	1.06										1.0
LGTI	BZ	345	77	EP	0139	35.94	-1.56										1.0
JHNI	BZ	411	151	EP	0139	44.54	-0.25										1.0

June 6 2023 Hour: 5:57 16.5 Lat: 30.73N Lon: 79.02E D: 30.1 Ag: NCS Local
Magnitudes: 2.4ML NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UTK	BZ	56	271	EP		0557	26.88	-0.31							1.0
MUKT	HZ	153	156	EP		0557	40.61	0.65							1.0
MUKT	HE	153	156	ES		0557	57.44	0.36							1.0
MUKT	HE	153	156	IAML		0558	00.81		98	0.3					
PTH	BZ	170	138	EP		0557	42.22	-0.08							1.0
PTH	BE	170	138	ES		0558	01.03	-0.10							1.0
PTH	BE	170	138	IAML		0558	01.44		8	0.1					
LGTI	BZ	179	145	EP		0557	43.99	0.40							1.0
LGTI	BE	179	145	ES		0558	02.42	-0.94							1.0
LGTI	BE	179	145	IAML		0558	03.05		85	0.3					

June 6 2023 Hour: 8:0 39.8 Lat: 27.71N Lon: 92.69E D: 5.0F Ag: NCS Local
Magnitudes: 3.1ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TAWA	SZ	83	261	EP		0800	53.75	-1.11							1.0
ZIRO	SZ	116	100	EP		0800	59.90	-0.02							1.0
ZIRO	SN	116	100	ES		0801	13.71	-0.87							1.0
ZIRO	SE	116	100	IAML		0801	17.25		358	0.3					
TEZP	SN	121	175	EP		0801	00.17	-0.65							1.0
TEZP	SN	121	175	ES		0801	15.02	-1.14							1.0
TEZP	SN	121	175	IAML		0801	15.59		621	0.2					
MOKO	SZ	237	130	EP		0801	16.57	0.15							1.0
MOKO	SN	237	130	ES		0801	44.86	1.73							1.0
MOKO	SE	237	130	IAML		0801	49.12		125	0.3					
KOHI	SN	261	147	ES		0801	48.68	0.35							1.0
TURA	SZ	346	226	EP		0801	29.41	0.19							1.0
TURA	SN	346	226	ES		0802	06.64	1.36							1.0
TURA	SN	346	226	IAML		0802	14.90		86	0.2					

June 6 2023 Hour: 18:6 52.9 Lat: 28.11N Lon: 65.95E D: 10.0F Ag: NCS Local
Magnitudes: 4.2ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JASL	BN	507	104	ES		1808	49.92	-1.43							1.0
JODH	HZ	733	105	EP		1808	30.20	1.24							1.0
JODH	HE	733	105	ES		1809	39.76	0.69							1.0
AJM	BZ	880	100	EP		1808	48.31	1.41							1.0
AJM	BE	880	100	ES		1810	10.75	0.64							1.0
AJM	BN	880	100	IAML		1810	13.93		275	0.5					
JMU	BZ	998	57	EP		1809	01.40	0.15							1.0
JMU	BE	998	57	ES		1810	34.72	-0.22							1.0
JMU	BE	998	57	IAML		1810	40.20		74	0.8					
UDMP	HZ	1029	57	EP		1809	05.45	0.36							1.0
UDMP	HN	1029	57	ES		1810	42.76	1.18							1.0
THN	BZ	1062	61	EP		1809	09.72	0.47							1.0
THN	BN	1062	61	ES		1810	48.63	-0.13							1.0
BHK	BZ	1072	68	EP		1809	09.62	-0.78							1.0
BHK	BE	1072	68	ES		1810	50.74	-0.02							1.0
BHK	BN	1072	68	IAML		1810	56.59		527	0.3					
DHRM	HZ	1098	63	EP		1809	14.21	-0.02							1.0

DHRM	HE	1098	63	ES	1810	57.08-0.30											1.0
DHRM	HN	1098	63	IAML	1811	05.87			81	0.8							
SDNR	BZ	1125	68	EP	1809	16.32-0.57											1.0
SDNR	BE	1125	68	ES	1811	02.60 0.61											1.0
SDNR	BN	1125	68	IAML	1811	05.57			31	0.3							
SMLA	HZ	1137	70	EP	1809	18.74 0.16											1.0
SMLA	HN	1137	70	ES	1811	04.39-0.53											1.0
SMLA	HN	1137	70	IAML	1811	09.99			57	0.6							
UTK	BZ	1246	74	EP	1809	31.68-0.23											1.0
UTK	BE	1246	74	ES	1811	28.47 0.50											1.0
JOSI	BZ	1349	75	EP	1809	45.15 0.84											1.0
JOSI	BN	1349	75	ES	1811	50.16 0.73											1.0
JOSI	BN	1349	75	IAML	1812	00.38			31	0.6							
LGTI	BZ	1388	81	EP	1809	47.80-1.88											1.0
LGTI	BE	1388	81	ES	1811	57.44-1.27											1.0
LGTI	BN	1388	81	IAML	1812	02.14			68	0.5							
PTH	BZ	1400	80	EP	1809	49.44-1.59											1.0

June 6 2023 Hour: 21:54 15.5 Lat: 38.26N Lon: 73.42E D: 10.0F Ag: NCS Local
Magnitudes: 4.5ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	612	165	EP		2155	37.73	0.09							1.0
UDMP	HN	612	165	ES		2156	37.38-0.25								1.0
UDMP	HN	612	165	IAML		2156	41.39			3411	0.5				
JMU	BZ	621	168	EP		2155	38.87	0.32							1.0
JMU	BE	621	168	ES		2156	39.86	0.67							1.0
JMU	BN	621	168	IAML		2156	40.88			733	0.6				
THN	BZ	680	161	EP		2155	45.45-0.04								1.0
THN	BN	680	161	ES		2156	50.85-0.36								1.0
THN	BN	680	161	IAML		2156	52.95			311	0.6				
DHRM	HZ	716	158	EP		2155	49.39-0.96								1.0
DHRM	HE	716	158	ES		2157	00.02 0.41								1.0
DHRM	HN	716	158	IAML		2157	03.65			336	1.0				
BHK	BZ	808	160	EP		2156	00.69 0.46								1.0
BHK	BN	808	160	ES		2157	16.92 0.21								1.0
BHK	BE	808	160	IAML		2157	23.52			240	1.0				
SDNR	BZ	810	156	EP		2156	00.54-0.05								1.0
SDNR	BN	810	156	ES		2157	16.90-0.43								1.0
SMLA	HZ	862	155	EP		2156	06.86-0.02								1.0
SMLA	HN	862	155	ES		2157	27.09-1.12								1.0
SMLA	HE	862	155	IAML		2157	29.60			415	0.6				
CGRH	BN	887	159	ES		2157	32.00-0.85								1.0
CGRH	BN	887	159	IAML		2157	40.16			603	0.6				
UTK	BZ	953	150	EP		2156	17.45-0.17								1.0
UTK	BE	953	150	ES		2157	47.32 0.53								1.0
UTK	BN	953	150	IAML		2157	53.68			610	0.5				
DDI	HE	978	153	ES		2157	52.19 0.89								1.0
JOSI	BZ	1023	145	EP		2156	25.23-0.55								1.0
JOSI	BE	1023	145	ES		2158	02.40 1.49								1.0
JOSI	BN	1023	145	IAML		2158	10.28			167	0.4				
NDI	HZ	1118	161	EP		2156	37.70 0.84								1.0
NDI	HN	1118	161	ES		2158	19.37-0.70								1.0
NDI	HE	1118	161	IAML		2158	28.21			69	0.4				
MUKT	HZ	1133	148	EP		2156	38.81-0.15								1.0
MUKT	HE	1133	148	ES		2158	24.82 1.10								1.0
MUKT	HN	1133	148	IAML		2158	30.46			102	0.6				
PTH	BN	1147	145	EP		2156	40.65-0.32								1.0
PTH	BN	1147	145	ES		2158	27.89 0.70								1.0
PTH	BN	1147	145	IAML		2158	35.45			448	0.6				
LGTI	BZ	1159	146	EP		2156	41.62-0.92								1.0
LGTI	BE	1159	146	ES		2158	28.24-1.67								1.0
AJM	BZ	1316	175	EP		2157	00.89 0.34								1.0
AJM	BN	1316	175	ES		2159	01.02-0.05								1.0
AJM	BN	1316	175	IAML		2159	07.00			23	0.5				

JODH	HZ	1331	182	EP	2157	03.24	1.03									1.0
JODH	HN	1331	182	ES	2159	03.47	-0.46									1.0

June 6 2023 Hour: 22:12 58.6 Lat: 34.86N Lon: 82.55E D: 10.0F Ag: NCS Local
Magnitudes: 4.0ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UTK	BZ	597	221	EP		2214	17.83	-0.50							1.0
UTK	BN	597	221	ES		2215	15.64	-0.91							1.0
UTK	BN	597	221	IAML		2215	21.09			315	0.4				
PTH	BZ	625	201	EP		2214	22.43	0.40							1.0
SDNR	BZ	642	237	EP		2214	22.65	-0.88							1.0
SDNR	BN	642	237	ES		2215	25.19	-0.34							1.0
SDNR	BN	642	237	IAML		2215	27.18			193	0.5				
DHRM	HN	648	245	EP		2214	24.29	-0.69							1.0
DHRM	HN	648	245	ES		2215	28.24	0.20							1.0
DHRM	HN	648	245	IAML		2215	38.21			392	0.6				
LGTI	BZ	648	202	EP		2214	24.96	-0.07							1.0
LGTI	BN	648	202	ES		2215	28.42	0.29							1.0
SMLA	HZ	650	232	EP		2214	25.22	0.40							1.0
SMLA	HN	650	232	ES		2215	27.49	-0.29							1.0
SMLA	HN	650	232	IAML		2215	28.59			148	0.8				
MUKT	HZ	658	205	EP		2214	26.07	0.28							1.0
MUKT	HN	658	205	ES		2215	29.83	0.39							1.0
THN	BZ	680	249	EP		2214	28.97	0.71							1.0
THN	BN	680	249	ES		2215	34.97	1.25							1.0
THN	BN	680	249	IAML		2215	38.11			304	0.4				
UDMP	HE	720	255	ES		2215	41.71	-0.24							1.0
UDMP	HE	720	255	IAML		2215	47.71			165	0.5				

June 7 2023 Hour: 9:53 46.3 Lat: 16.20N Lon: 95.86E D: 16.9 Ag: NCS Local
Magnitudes: 4.7ML NCS Rms: 1.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SAIH	SZ	758	337	EP		0955	24.48	-0.13							1.0
SAIH	SN	758	337	ES		0956	36.95	0.54							1.0
SAIH	SN	758	337	IAML		0956	49.48			1416	0.7				
CMPI	HN	850	342	ES		0956	57.49	1.42							0.9
CMPI	HN	850	342	IAML		0956	58.38			359	1.0				
IMP	SZ	976	349	EP		0955	51.76	0.66							1.0
IMP	SN	976	349	ES		0957	21.42	-0.81							1.0
KOHI	SZ	1069	351	EP		0956	03.38	0.33							1.0
KOHI	SE	1069	351	ES		0957	40.23	-2.67							0.8
SHL	HZ	1112	339	EP		0956	08.08	-0.15							1.0
SHL	HN	1112	339	ES		0957	51.86	-0.00							1.0
SHL	HN	1112	339	IAML		0957	57.60			345	0.3				
MOKO	SZ	1129	353	EP		0956	11.64	1.37							0.9
MOKO	SN	1129	353	ES		0957	57.10	1.71							0.9
MOKO	SN	1129	353	IAML		0958	00.54			45	0.8				
TURA	SZ	1186	331	EP		0956	15.61	-1.16							1.0
TURA	SN	1186	331	ES		0958	05.73	-0.90							1.0
DHUB	SZ	1245	332	ES		0958	19.13	-0.03							1.0
DHUB	SZ	1245	332	IAML		0958	23.77			319	0.6				
ZIRO	SZ	1271	351	EP		0956	26.61	-0.55							1.0
VISK	HZ	1344	279	EP		0956	34.54	-1.56							0.9
VISK	HN	1344	279	ES		0958	41.69	1.62							0.9
VISK	HN	1344	279	IAML		0958	44.71			352	0.5				
PTH	BZ	2181	316	EP		0958	14.40	0.00							1.0
JOSI	BZ	2298	317	EP		0958	26.24	0.88							1.0
UTK	BZ	2393	315	EP		0958	34.92	0.27							1.0
SMLA	HN	2516	314	EP		0958	46.46	-0.03							1.0
SMLA	HE	2516	314	ES		1002	54.65	-0.66							1.0
SMLA	HN	2516	314	IAML		1002	58.65			77	0.2				
DHRM	HZ	2657	316	EP		0959	00.14	0.36							1.0
DHRM	HN	2657	316	ES		1003	16.47	-0.37							1.0
ALCI	BZ	2734	320	EP		0959	04.87	-0.68							1.0

June 7 2023 Hour: 10:31 59.0 Lat: 16.16N Lon: 95.74E D: 10.0F Ag: NCS Local
Magnitudes: 4.2ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SAIH	SZ	758	338	EP		1033	38.19	-0.01							1.0
CMPI	HZ	851	343	EP		1033	50.27	0.56							1.0
CMPI	HE	851	343	ES		1035	11.15	0.61							1.0
CMPI	HE	851	343	IAML		1035	13.52			289	0.3				
IMP	SZ	979	349	EP		1034	06.07	1.05							1.0
KOHI	SZ	1073	351	EP		1034	16.30	-0.72							1.0
KOHI	SN	1073	351	ES		1035	58.87	1.09							1.0
KOHI	SE	1073	351	IAML		1036	06.11			21	0.6				
SHL	HN	1113	340	EP		1034	21.74	-0.14							1.0
SHL	HE	1113	340	ES		1036	04.69	-1.50							1.0
SHL	HN	1113	340	IAML		1036	08.69			214	0.3				
MOKO	SZ	1133	354	EP		1034	23.77	-0.54							1.0
MOKO	SN	1133	354	ES		1036	09.75	-0.65							1.0
MOKO	SE	1133	354	IAML		1036	13.85			351	0.6				
TURA	SZ	1184	332	EP		1034	29.97	-0.21							1.0
TURA	SN	1184	332	ES		1036	20.99	0.44							1.0
TURA	SN	1184	332	IAML		1036	21.75			19	0.2				

June 8 2023 Hour: 16:52 55.7 Lat: 33.66N Lon: 76.74E D: 10.0F Ag: NCS Local
Magnitudes: 3.3ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	171	242	EP		1653	21.38	-1.83							1.0
UDMP	HE	171	242	ES		1653	44.15	0.88							1.0
UDMP	HN	171	242	IAML		1653	48.17			2328	0.2				
JMU	BZ	202	242	EP		1653	26.87	-0.11							1.0
JMU	BE	202	242	ES		1653	51.01	1.22							1.0
JMU	BN	202	242	IAML		1653	54.86			221	0.5				
SDNR	BZ	236	176	EP		1653	30.76	-0.33							1.0
SDNR	BE	236	176	ES		1653	56.32	-0.57							1.0
SDNR	BN	236	176	IAML		1654	00.21			534	0.2				
BHK	BZ	253	188	EP		1653	32.79	-0.39							1.0
BHK	BE	253	188	ES		1653	59.81	-0.71							1.0
BHK	BN	253	188	IAML		1654	03.49			162	0.3				
UTK	BZ	362	153	EP		1653	47.17	0.40							1.0
UTK	BN	362	153	ES		1654	24.16	0.12							1.0
UTK	BN	362	153	IAML		1654	30.80			310	0.2				
MUKT	HZ	542	148	EP		1654	08.08	-0.68							1.0
MUKT	HN	542	148	ES		1655	02.94	0.86							1.0
MUKT	HN	542	148	IAML		1655	05.86			7	0.2				
PTH	BZ	559	143	EP		1654	12.27	1.17							1.0
LGTI	BE	569	145	ES		1655	08.62	-0.03							1.0

June 8 2023 Hour: 17:57 23.1 Lat: 25.14N Lon: 96.86E D: 8.7 Ag: NCS Local
Magnitudes: 2.9ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MOKO	SZ	269	300	EP		1758	03.45	0.26							1.0
MOKO	SE	269	300	ES		1758	34.17	1.73							1.0
MOKO	SN	269	300	IAML		1758	36.12			43	0.6				
KOHI	SN	285	284	EP		1758	05.24	0.15							1.0
KOHI	SN	285	284	ES		1758	36.44	0.71							1.0
KOHI	SN	285	284	IAML		1758	37.84			486	0.5				
KOHI	SN	285	284	IAML		1758	41.44			33	1.1				
IMP	SN	297	264	EP		1758	05.49	-0.55							1.0
IMP	SN	297	264	ES		1758	36.59	-0.77							1.0
IMP	SN	297	264	IAML		1758	38.73			17	0.7				
IMP	SN	297	264	IAML		1758	39.25			303	0.4				
ZIRO	SZ	400	312	EP		1758	19.51	0.77							1.0
ZIRO	SN	400	312	ES		1758	57.51	-1.83							1.0
CMPI	HZ	404	244	EP		1758	18.89	-0.50							1.0
SAIH	SZ	492	234	EP		1758	30.85	0.86							1.0

SAIH	SN	492	234	ES	1759	18.96	0.16									1.0
TAWA	SZ	568	300	EP	1758	39.85	0.01									1.0
TURA	SZ	670	275	EP	1758	50.63	-1.00									1.0

June 8 2023 Hour: 18:34 38.1 Lat: 33.22N Lon: 85.24E D:200.0F Ag: NCS Regional
Magnitudes: 4.2ML NCS Rms: 1.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JOSI	BN	613	243	EP		1836	00.58	-0.39							1.0
JOSI	BE	613	243	ES		1837	02.62	1.18							1.0
JOSI	BN	613	243	IAML		1837	11.45			213	0.8				
PTH	BN	626	231	EP		1836	03.32	0.36							1.0
PTH	BE	626	231	ES		1837	05.13	0.26							1.0
PTH	BN	626	231	IAML		1837	08.29			243	1.3				
LGTI	BZ	648	231	EP		1836	06.70	0.88							1.0
LGTI	BE	648	231	ES		1837	08.69	-1.12							1.0
LGTI	BN	648	231	IAML		1837	13.21			90	1.0				
VLK	BZ	653	192	EP		1836	08.55	2.86							1.0
MUKT	HZ	676	233	EP		1836	09.09	0.34							1.0
MUKT	HN	676	233	ES		1837	13.88	-1.01							1.0
MUKT	HE	676	233	IAML		1837	18.72			331	0.7				
UTK	BZ	699	249	EP		1836	10.91	-0.60							1.0
UTK	BN	699	249	ES		1837	19.80	0.14							1.0
UTK	BN	699	249	IAML		1837	24.56			1153	0.7				
SMLA	HZ	795	255	EP		1836	22.18	-1.09							1.0
SMLA	HE	795	255	ES		1837	40.27	0.27							1.0
SMLA	HN	795	255	IAML		1837	44.14			118	0.8				
SDNR	BZ	806	259	EP		1836	23.05	-1.28							1.0
SDNR	BN	806	259	ES		1837	42.54	0.70							1.0
SDNR	BN	806	259	IAML		1837	47.35			566	0.6				
DHRM	HZ	844	265	EP		1836	29.38	-0.34							1.0
DHRM	HE	844	265	ES		1837	52.14	0.97							1.0
DHRM	HE	844	265	IAML		1838	00.14			933	0.8				
BHK	BN	858	259	ES		1837	53.63	0.77							1.0
BHK	BN	858	259	IAML		1837	57.03			413	0.7				
THN	BZ	887	267	EP		1836	33.76	-0.55							1.0
THN	BN	887	267	ES		1838	00.01	0.91							1.0
THN	BN	887	267	IAML		1838	12.37			99	1.0				
NDI	HZ	917	239	EP		1836	36.92	-0.95							1.0
NDI	HE	917	239	ES		1838	04.60	-0.67							1.0
NDI	HN	917	239	IAML		1838	08.12			65	0.8				
NPL	BZ	923	239	EP		1836	38.33	-0.31							1.0
NPL	BN	923	239	ES		1838	07.63	1.04							1.0
AYAN	BZ	937	238	EP		1836	40.38	0.05							1.0
AYAN	BN	937	238	ES		1838	09.44	-0.09							1.0
AYAN	BN	937	238	IAML		1838	16.09			73	0.6				
ALBI	BZ	938	202	EP		1836	40.55	0.11							1.0
UDMP	HZ	945	271	EP		1836	41.54	0.25							1.0
UDMP	HN	945	271	ES		1838	12.37	1.19							1.0
JMU	BZ	974	270	EP		1836	44.11	-0.65							1.0
BOKR	HZ	1047	176	EP		1836	53.64	-0.14							1.0
BOKR	HN	1047	176	ES		1838	32.91	0.11							1.0
BOKR	HE	1047	176	IAML		1838	41.75			114	0.6				
JHNI	BZ	1074	218	EP		1836	55.95	-1.09							1.0
JHNI	BE	1074	218	ES		1838	38.86	0.43							1.0
KNTI	BZ	1126	180	EP		1837	04.56	1.11							1.0
AJM	BZ	1271	236	EP		1837	20.57	-0.61							1.0
AJM	BN	1271	236	ES		1839	18.63	-1.56							1.0
AJM	BN	1271	236	IAML		1839	26.76			34	0.8				
BHPL	HZ	1345	217	EP		1837	30.49	0.38							1.0
BHPL	HN	1345	217	ES		1839	34.29	-1.36							1.0
BHPL	HN	1345	217	IAML		1839	39.63			79	1.2				
BWNR	BZ	1438	178	EP		1837	42.56	1.10							1.0
KNKR	BZ	1482	195	EP		1837	44.53	-2.41							1.0
KNKR	BE	1482	195	ES		1840	05.56	0.80							1.0

KNKR BE 1482 195 IAML 1840 10.57 69 0.5

June 9 2023 Hour: 1:21 47.3 Lat: 33.80N Lon: 70.87E D: 10.0F Ag: NCS Local
Magnitudes: 4.2ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	408	103	EP		0122	43.94	0.28							1.0
THN	BZ	485	107	EP		0122	52.45	-0.59							1.0
THN	BN	485	107	ES		0123	40.71	-0.35							1.0
THN	BN	485	107	IAML		0123	45.25			192	0.3				
BHK	BZ	582	116	EP		0123	04.83	-0.04							1.0
BHK	BN	582	116	ES		0124	02.61	1.08							1.0
BHK	BE	582	116	IAML		0124	04.95			257	0.7				
SDNR	BZ	620	112	EP		0123	08.93	-0.57							1.0
SDNR	BE	620	112	ES		0124	10.09	0.55							1.0
SDNR	BE	620	112	IAML		0124	12.68			1964	0.3				
SMLA	HZ	663	115	EP		0123	14.10	-0.88							1.0
SMLA	HN	663	115	ES		0124	18.28	-0.74							1.0
SMLA	HN	663	115	IAML		0124	21.09			138	0.4				
HNLY	BZ	763	96	EP		0123	27.82	0.65							1.0
HNLY	BE	763	96	ES		0124	41.00	0.88							1.0
HNLY	BN	763	96	IAML		0124	45.89			154	0.5				
UTK	BZ	791	113	EP		0123	30.53	-0.05							1.0
UTK	BN	791	113	ES		0124	45.79	-0.23							1.0
UTK	BN	791	113	IAML		0124	48.06			2401	0.2				
NDI	HZ	828	131	EP		0123	34.64	-0.26							1.0
NDI	HE	828	131	ES		0124	52.19	-1.30							1.0
NDI	HN	828	131	IAML		0124	54.49			39	0.3				
JODH	HZ	862	165	EP		0123	39.12	0.09							1.0
JODH	HE	862	165	ES		0125	01.57	0.93							1.0
JODH	HE	862	165	IAML		0125	05.54			628	0.3				
AJM	BZ	894	155	EP		0123	42.92	-0.06							1.0
PTH	BZ	1000	115	EP		0123	57.16	0.61							1.0

June 9 2023 Hour: 4:36 0.1 Lat: 26.62N Lon: 92.35E D: 18.2 Ag: NCS Local
Magnitudes: 3.6ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TEZP	SN	44	90	EP		0436	08.26	-0.16							1.0
TEZP	SN	44	90	ES		0436	14.21	-0.26							1.0
GUWA	SN	81	235	EP		0436	14.71	0.42							1.0
GUWA	SN	81	235	ES		0436	25.44	0.81							1.0
TAWA	SZ	118	336	EP		0436	20.46	-0.16							1.0
TAWA	SN	118	336	ES		0436	33.90	-1.67							1.0
TAWA	SN	118	336	IAML		0436	36.62			3482	0.2				
SHL	HZ	122	197	EP		0436	20.75	-0.29							1.0
SHL	HN	122	197	ES		0436	35.98	-0.32							1.0
ITAN	SN	148	67	EP		0436	24.25	0.47							1.0
ITAN	SN	148	67	ES		0436	41.56	0.52							1.0
ITAN	SE	148	67	IAML		0436	42.25			4529	0.4				
ZIRO	SZ	179	56	EP		0436	27.63	0.05							1.0
ZIRO	SN	179	56	ES		0436	48.40	0.79							1.0
ZIRO	SN	179	56	IAML		0436	49.54			6160	0.4				
KOHI	SZ	202	119	EP		0436	29.71	-1.12							1.0
MOKO	SZ	218	98	EP		0436	33.72	0.95							1.0
MOKO	SN	218	98	ES		0436	56.07	-0.52							1.0
MOKO	SE	218	98	IAML		0436	57.76			287	0.3				
DHUB	SZ	245	255	EP		0436	35.09	-0.44							1.0
DHUB	SZ	245	255	ES		0437	01.44	0.08							1.0
TURA	SN	246	241	EP		0436	34.85	-0.85							1.0
TURA	SN	246	241	ES		0437	01.19	-0.47							1.0
TURA	SN	246	241	IAML		0437	08.79			1001	0.2				
IMP	SZ	255	141	EP		0436	38.34	1.58							1.0
IMP	SE	255	141	ES		0437	02.14	-1.36							1.0
IMP	SN	255	141	IAML		0437	06.08			593	0.3				
GTK	SN	381	283	EP		0436	53.35	0.69							1.0

GTK	SN	381	283	ES	0437	31.78	0.77									1.0
GTK	SN	381	283	IAML	0437	33.44			43	0.3						
SAIH	SZ	462	172	EP	0437	03.22	1.07									1.0
SAIH	SN	462	172	ES	0437	46.83	-0.59									1.0
SAIH	SN	462	172	IAML	0437	51.44			22	0.4						

June 9 2023 Hour: 4:53 53.4 Lat: 36.02N Lon: 76.62E D: 10.0F Ag: NCS Local
Magnitudes: 3.6ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	207	165	EP		*0454	21.32	-4.04							0.0
ALCI	BE	207	165	ES		*0454	43.75	-0.94							0.0
ALCI	BN	207	165	IAML		0454	46.54			212	0.2				
UDMP	HZ	371	202	EP		0454	45.83	0.65							1.0
UDMP	HN	371	202	ES		0455	21.89	-1.13							1.0
JMU	BN	395	205	EP		0454	48.55	0.45							1.0
JMU	BE	395	205	ES		0455	28.80	0.74							1.0
JMU	BN	395	205	IAML		0455	35.58			458	0.4				
THN	BZ	404	191	EP		0454	50.23	0.97							1.0
THN	BN	404	191	ES		0455	30.70	0.63							1.0
THN	BN	404	191	IAML		0455	41.56			155	0.6				
DHRM	HZ	419	184	EP		0454	51.20	-0.64							1.0
DHRM	HN	419	184	ES		0455	35.25	0.71							1.0
DHRM	HN	419	184	IAML		0455	40.73			116	0.3				
HNLY	BZ	420	148	EP		0454	52.35	1.06							1.0
SDNR	BZ	498	177	EP		0454	59.97	-0.73							1.0
SDNR	BN	498	177	ES		0455	48.82	-1.05							1.0
BHK	BZ	513	183	EP		0455	01.39	-1.18							1.0
BHK	BE	513	183	ES		0455	53.41	0.32							1.0
BHK	BN	513	183	IAML		0455	57.06			763	0.5				
KLP	BZ	519	162	EP		*0455	19.74	15.9							0.0
KLP	BN	519	162	ES		*0456	05.38	-5.84							0.0
SMLA	HZ	545	174	EP		0455	05.47	-1.23							1.0
SMLA	HE	545	174	ES		0455	59.93	-0.31							1.0
UTK	BZ	611	163	EP		0455	14.47	-0.23							1.0
UTK	BN	611	163	ES		0456	15.02	0.94							1.0
UTK	BN	611	163	IAML		0456	17.87			101	0.4				
KUDL	HZ	874	181	EP		0455	46.99	0.44							1.0
KUDL	HE	874	181	ES		0457	08.75	-0.43							1.0

June 9 2023 Hour: 5:43 58.9 Lat: 24.99N Lon: 96.69E D: 21.0 Ag: NCS Local
Magnitudes: 3.7ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MOKO	SZ	263	304	EP		0544	37.28	0.56							1.0
MOKO	SE	263	304	ES		0545	05.39	1.07							1.0
MOKO	SN	263	304	IAML		0545	08.49			360	0.7				
KOHI	SZ	272	288	EP		0544	37.28	-0.58							1.0
KOHI	SN	272	288	ES		0545	05.23	-1.04							1.0
KOHI	SN	272	288	IAML		0545	11.61			4066	0.7				
IMP	SZ	277	267	EP		0544	37.24	-0.78							1.0
IMP	SN	277	267	ES		0545	07.56	1.00							1.0
IMP	SN	277	267	IAML		0545	11.99			79	0.5				
CMPI	HZ	381	245	EP		0544	51.62	0.74							1.0
ZIRO	SZ	399	315	EP		0544	51.99	-0.88							1.0
SAIH	SZ	468	234	EP		0545	01.68	0.31							1.0
SAIH	SN	468	234	ES		0545	46.41	-0.55							1.0
SAIH	SN	468	234	IAML		0545	59.86			379	0.4				
SHL	HZ	477	279	EP		0545	03.74	0.80							1.0
SHL	HN	477	279	ES		0545	49.18	-0.49							1.0
TURA	SZ	653	276	EP		0545	23.81	-0.17							1.0

June 9 2023 Hour: 6:13 1.0 Lat: 27.50N Lon: 93.21E D: 4.6 Ag: NCS Local
Magnitudes: 3.3ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ZIRO	SZ	63	87	EP		0613	11.59	-0.35							1.0
ZIRO	SE	63	87	ES		0613	19.63	-0.34							1.0
ZIRO	SN	63	87	IAML		0613	21.50			540	0.4				
TEZP	SN	106	203	EP		0613	18.95	-0.27							1.0
TEZP	SN	106	203	ES		0613	32.73	0.17							1.0
TEZP	SN	106	203	IAML		0613	34.85			152	0.1				
MOKO	SZ	184	135	EP		0613	31.23	0.19							1.0
MOKO	SN	184	135	ES		0613	53.43	0.42							1.0
MOKO	SN	184	135	IAML		0613	56.81			2870	0.3				
GUWA	SN	209	227	EP		0613	33.49	-0.17							1.0
GUWA	SN	209	227	ES		0613	56.88	-0.65							1.0
SHL	HZ	246	210	EP		0613	40.44	1.74							1.0
SHL	HN	246	210	ES		0614	05.27	-0.99							1.0
SHL	HN	246	210	IAML		0614	12.93			412	0.2				
DHUB	SZ	359	244	EP		0613	52.25	0.25							1.0

June 9 2023 Hour: 6:15 33.6 Lat: 36.94N Lon: 71.17E D: 20.0F Ag: NCS Regional
Magnitudes: 4.2ML NCS Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HN	574	140	EP		0616	50.90	-0.45							1.0
UDMP	HE	574	140	ES		0617	48.35	0.26							1.0
DHRM	HN	702	136	EP		0617	07.26	0.53							1.0
DHRM	HE	702	136	ES		0618	14.38	-0.31							1.0
DHRM	HN	702	136	IAML		0618	17.58			440	0.3				
SMLA	HZ	850	138	EP		0617	23.44	-0.08							1.0
SMLA	HN	850	138	ES		0618	43.79	0.05							1.0
SMLA	HN	850	138	IAML		0618	45.99			108	0.5				

June 9 2023 Hour: 10:23 56.0 Lat: 26.89N Lon: 92.58E D: 10.0F Ag: NCS Local
Magnitudes: 3.0ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TEZP	SN	37	143	EP		1024	01.73	-1.00							1.0
TEZP	SN	37	143	ES		1024	06.90	-0.72							1.0
TAWA	SZ	105	318	EP		1024	14.43	-0.56							1.0
TAWA	SE	105	318	ES		1024	29.48	0.66							1.0
TAWA	SN	105	318	IAML		1024	31.33			568	0.2				
ZIRO	SN	145	60	EP		1024	19.18	-1.08							1.0
ZIRO	SE	145	60	ES		1024	37.30	-0.64							1.0
ZIRO	SN	145	60	IAML		1024	39.21			954	0.2				
KOHI	SZ	200	130	EP		1024	28.53	0.94							1.0
KOHI	SE	200	130	ES		1024	51.02	0.40							1.0
KOHI	SE	200	130	IAML		1024	54.79			92	0.6				
MOKO	SZ	203	108	EP		1024	28.24	0.38							1.0
MOKO	SN	203	108	ES		1024	52.71	1.62							1.0
MOKO	SN	203	108	IAML		1024	57.58			70	0.5				

June 9 2023 Hour: 15: 8 43.0 Lat: 37.38N Lon: 72.23E D:163.1 Ag: NCS Local
Magnitudes: 4.2ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	562	151	EP		1509	56.60	-0.27							1.0
UDMP	HN	562	151	ES		1510	51.06	0.24							1.0
JMU	BN	563	154	ES		1510	50.98	-0.05							1.0
THN	BZ	638	148	EP		1510	06.14	0.19							1.0
THN	BE	638	148	ES		1511	06.09	-0.43							1.0
THN	BN	638	148	IAML		1511	11.90			1443	0.3				
DHRM	HZ	681	146	EP		1510	11.98	0.27							1.0
DHRM	HN	681	146	ES		1511	16.23	-0.27							1.0
DHRM	HE	681	146	IAML		1511	19.98			263	0.6				
BHK	BN	766	149	ES		1511	32.32	-0.40							1.0
SDNR	BZ	778	145	EP		1510	22.96	0.42							1.0

SDNR	BN	778	145	ES	1511	34.63-0.60											1.0
SDNR	BN	778	145	IAML	1511	38.37			43	0.3							
SMLA	HZ	830	145	EP	1510	28.69-0.28											1.0
SMLA	HE	830	145	ES	1511	47.20 0.84											1.0
SMLA	HN	830	145	IAML	1511	49.29			73	0.3							
UTK	BZ	934	140	EP	1510	42.67 1.21											1.0
UTK	BN	934	140	ES	1512	08.68 0.72											1.0
UTK	BN	934	140	IAML	1512	13.14			1057	0.5							
MUKT	HN	1117	140	EP	1511	02.75-0.69											1.0
MUKT	HN	1117	140	ES	1512	47.62 1.63											1.0
MUKT	HN	1117	140	IAML	1512	51.64			26	0.5							
LGTI	BZ	1147	138	EP	1511	06.77-0.76											1.0
LGTI	BN	1147	138	ES	1512	51.27-1.79											1.0

June 10 2023 Hour: 17:53 54.4 Lat: 25.58N Lon: 90.64E D: 10.0F Ag: NCS Local
Magnitudes: 3.0ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TURA	SZ	42	261	EP		1754	02.80	0.91							1.0
TURA	SN	42	261	ES		1754	08.83	1.44							1.0
TURA	SN	42	261	IAML		1754	10.26			563	0.2				
DHUB	SZ	81	307	EP		1754	08.15-0.32								1.0
DHUB	SZ	81	307	ES		1754	17.79-0.98								1.0
DHUB	SZ	81	307	IAML		1754	18.44			121	0.2				
SHL	HZ	136	90	EP	*	1754	14.35-3.63								0.0
SHL	HN	136	90	ES		1754	26.55-5.05								1.0
TEZP	SZ	245	61	EP		1754	29.66-1.14								1.0
TEZP	SN	245	61	ES		1754	56.96-0.44								1.0
TEZP	SN	245	61	IAML		1754	59.83			216	0.2				
TAWA	SZ	255	28	EP		1754	32.66-0.02								1.0
TAWA	SE	255	28	ES		1755	00.43-0.23								1.0
TAWA	SN	255	28	IAML		1755	03.02			294	0.3				
GTK	SN	280	314	ES		1755	06.53 0.78								1.0
KOHI	SZ	349	87	EP	*	1754	43.83-0.19								0.0
KOHI	SN	349	87	ES	*	1755	30.32 10.2								0.0
MOKO	SZ	397	77	EP	*	1754	48.52-1.32								0.0
MOKO	SE	397	77	ES		1755	43.58 14.6								1.0

June 10 2023 Hour: 23:50 50.0 Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LGTI	BN	80	249	EP		2351	04.96	0.24							1.0
LGTI	BE	80	249	ES		2351	15.80	0.31							1.0
LGTI	BN	80	249	IAML		2351	17.62			194	0.3				
MUKT	HZ	119	259	EP		2351	11.43	0.58							1.0
MUKT	HN	119	259	IAML		2351	27.61			61	0.2				
JOSI	BZ	160	309	EP		2351	15.75-0.42								1.0
JOSI	BE			ES		2351	35.24								
JOSI	BE	160	309	IAML		2351	40.90			83	0.6				
MUKT	HE			ES		2351	24.83								
PTH	BZ			EP		2351	01.70								
PTH	BN			ES		2351	08.81								
PTH	BN	64	262	IAML		2351	12.03			380	0.3				

June 11 2023 Hour: 1: 4 58.4 Lat: 27.07N Lon: 92.57E D: 49.0 Ag: NCS Local
Magnitudes: 3.2ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TEZP	SZ	55	156	EP		0105	09.31-0.16								1.0
TEZP	SN	55	156	ES		0105	17.62	0.06							1.0
TEZP	SN	55	156	IAML		0105	18.98			4551	0.2				
TAWA	SZ	91	310	EP		0105	14.41 0.14								1.0
TAWA	SN	91	310	ES		0105	25.79-0.06								1.0
TAWA	SN	91	310	IAML		0105	26.79			4007	0.2				
ZIRO	SZ	136	68	EP		0105	18.94-0.11								1.0
ZIRO	SN	136	68	ES		0105	35.47 1.34								1.0
SHL	HZ	176	199	EP		0105	22.95-1.47								1.0

MOKO	SZ	210	113	EP	0105	28.52	0.00									1.0
MOKO	SN	210	113	ES	0105	49.10	-1.41									1.0
MOKO	SN	210	113	IAML	0105	51.14			131	0.4						
KOHI	SZ	214	134	EP	0105	28.96	-0.06									1.0
KOHI	SN	214	134	ES	0105	50.82	-0.56									1.0
KOHI	SN	214	134	IAML	0105	52.52			60	0.2						
CMPI	HN	403	169	ES	0106	31.75	1.07									1.0
SAIH	SN	509	175	ES	0106	54.05	1.22									1.0
SAIH	SN	509	175	IAML	0106	56.38			8	0.6						

June 11 2023 Hour: 6: 5 58.5 Lat: 26.66N Lon: 92.41E D: 5.0F Ag: NCS Local
Magnitudes: 3.7ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TEZP	SZ	39	96	EP		0606	04.77	-0.45							1.0
TEZP	SN	39	96	ES		0606	09.05	-1.08							1.0
TEZP	SN	39	96	IAML		0606	10.08			92253	0.2				
GUWA	SZ	89	235	EP		0606	13.64	-0.21							1.0
GUWA	SE	89	235	ES		0606	24.09	-0.96							1.0
GUWA	SN	89	235	IAML		0606	26.32			8172	0.3				
TAWA	SZ	117	333	EP		0606	18.76	-0.73							1.0
TAWA	SN	117	333	ES		0606	33.64	-1.17							1.0
TAWA	SN	117	333	IAML		0606	34.92			1605	0.3				
SHL	HZ	128	199	EP		0606	20.60	-0.60							1.0
SHL	HN	128	199	ES		0606	36.08	-1.69							1.0
ZIRO	SN	172	56	EP		0606	26.61	-0.06							1.0
ZIRO	SN	172	56	ES		0606	47.35	0.13							1.0
ZIRO	SN	172	56	IAML		0606	50.85			133000	0.2				
KOHI	SZ	199	121	EP		0606	31.32	0.89							1.0
KOHI	SN	199	121	ES		0606	54.39	0.66							1.0
SILR	SZ	211	169	EP		0606	31.78	0.34							1.0
MOKO	SZ	213	100	EP		0606	32.03	-0.07							1.0
MOKO	SE	213	100	ES		0606	57.44	0.81							1.0
MOKO	SN	213	100	IAML		0607	00.57			495	0.2				
DHUB	SZ	252	254	EP		0606	36.33	-0.02							1.0
DHUB	SZ	252	254	ES		0607	05.57	1.59							1.0
DHUB	SZ	252	254	IAML		0607	10.15			173	0.3				
TURA	SZ	253	241	EP		0606	36.44	-0.13							1.0
TURA	SE	253	241	ES		0607	05.30	0.95							1.0
TURA	SN	253	241	IAML		0607	09.76			433	0.2				
IMP	SZ	254	142	EP		0606	36.71	0.03							1.0
IMP	SN	254	142	ES		0607	05.32	0.77							1.0
IMP	SN	254	142	IAML		0607	06.42			28	0.3				
CMPI	HZ	362	165	EP		0606	50.09	0.05							1.0
GTK	SE	386	282	ES		0607	34.69	1.46							1.0
GTK	SN	386	282	IAML		0607	38.54			29	0.2				
SAIH	SZ	465	173	EP		0607	02.02	-0.51							1.0

June 11 2023 Hour: 9:54 53.0 Lat: 42.17N Lon: 142.59E D:232.4 Ag: NCS Distant
Magnitudes: 6.0Mb NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ZIRO	SZ	4671	266	EP		1002	22.45	0.71							1.0
ZIRO	SZ	4671	266	IAMB		1002	57.23			259	12.0				
ZIRO	SN	4671	266	ES		1008	23.82	0.17							1.0
MOKO	SZ	4691	264	EP		1002	24.03	0.39							1.0
MOKO	SZ	4691	264	IAMB		1002	27.49			7921	1.6				
MOKO	SN	4691	264	ES		1008	27.42	0.36							1.0
KOHI	SZ	4762	263	EP		1002	28.33	-0.54							1.0
KOHI	SZ	4762	263	ES		1008	37.63	1.09							1.0
TEZP	SZ	4813	265	EP		1002	31.90	-0.11							1.0
TEZP	SZ	4813	265	IAMB		1002	35.39			2040	0.9				
TEZP	SN	4813	265	ES		1008	42.12	-0.17							1.0
TAWA	SZ	4830	267	EP		1002	34.74	0.83							1.0
TAWA	SZ	4830	267	IAMB		1002	37.13			5447	1.6				
TAWA	SN	4830	267	ES		1008	45.53	-0.16							1.0

IMP	SZ	4833	262	EP	1002	32.74-0.67			1.0
IMP	SZ	4833	262	IAmb	1002	35.37	893	2.4	
IMP	SN	4833	262	ES	1008	44.87 0.03			1.0
SILR	SZ	4930	263	EP	1002	41.61 1.30			0.9
SILR	SZ	4930	263	ES	1008	55.98-1.42			0.9
SHL	HZ	4946	265	EP	1002	41.60-0.42			1.0
SHL	HZ	4946	265	IAmb	1002	53.59	876	1.5	
SHL	HN	4946	265	ES	1009	00.14-0.32			1.0
CMPI	HZ	4972	261	EP	1002	43.09-0.51			1.0
SAIH	SZ	5066	260	EP	1002	50.06-0.01			1.0
SAIH	SZ	5066	260	IAmb	1002	52.88	3057	1.3	
SAIH	SN	5066	260	ES	1009	15.21 0.03			1.0
DHUB	SZ	5082	267	EP	1002	50.69-0.39			1.0
DHUB	SZ	5082	267	IAmb	1002	51.39	1483	1.8	
DHUB	SZ	5082	267	ES	1009	16.97-0.06			1.0
TURA	SZ	5095	266	EP	1002	51.63-0.40			1.0
TURA	SN	5095	266	IAmb	1002	53.33	630	3.3	
TURA	SZ	5095	266	ES	1009	18.44-0.34			1.0
TURA	SN	5095	266	ES	1009	19.97 1.19			1.0
SHBG	BZ	5326	267	EP	1003	08.52 0.41			1.0
SHBG	BN	5326	267	IAmb	1003	10.79	667	1.7	
SHBG	BN	5326	267	ES	1009	48.19-0.01			1.0
VLK	BZ	5496	272	EP	1003	20.55 0.83			1.0
VLK	BZ	5496	272	IAmb	1003	23.98	1597	1.3	
VLK	BN	5496	272	ES	1010	09.65 0.13			1.0
BOKR	HN	5563	267	EP	1003	24.69 0.35			1.0
BOKR	HN	5563	267	IAmb	1003	25.52	674	1.8	
BOKR	HN	5563	267	ES	1010	16.26-1.75			0.9
HNLY	BZ	5592	281	EP	1003	27.58 1.31			0.9
HNLY	BZ	5592	281	IAmb	1003	31.55	982	1.7	
HNLY	BN	5592	281	ES	1010	23.93 2.37			0.8
ALCI	BZ	5657	284	EP	1003	30.95 0.27			1.0
ALCI	BZ	5657	284	IAmb	1003	34.84	1482	2.2	
ALCI	BN	5657	284	ES	1010	31.32 1.64			0.9
KNTI	BZ	5660	267	EP	1003	31.33 0.47			1.0
JOSI	BZ	5670	278	EP	1003	32.65 1.07			1.0
JOSI	BZ	5670	278	IAmb	1003	35.05	912	1.4	
JOSI	BE	5670	278	ES	1010	32.66 1.32			0.9
PTH	BZ	5674	277	EP	1003	30.80-1.49			0.9
PTH	BZ	5674	277	IAmb	1003	35.04	1101	1.2	
PTH	BN	5674	277	ES	1010	33.27 0.66			1.0
LGTI	BZ	5694	277	EP	1003	32.63-1.19			1.0
LGTI	BZ	5694	277	IAmb	1003	36.56	389	2.0	
MUKT	HZ	5727	277	EP	1003	34.63-0.89			1.0
ALBI	BZ	5803	271	EP	1003	39.02-1.26			0.9
ALBI	BZ	5803	271	IAmb	1003	53.21	129	12.5	
BWNR	BZ	5804	264	EP	1003	41.10 0.71			1.0
SDNR	BZ	5829	281	EP	1003	41.02-0.98			1.0
SDNR	BZ	5829	281	IAmb	1003	44.29	269	1.4	
SDNR	BN	5829	281	ES	1010	51.67 1.06			1.0
DHRM	HZ	5837	282	EP	1003	41.77-1.46			0.9
DHRM	HN	5837	282	IAmb	1003	48.49	969	1.6	
DHRM	HN	5837	282	ES	1010	52.87 0.08			1.0
THN	BZ	5867	283	EP	1003	44.37-0.10			1.0
THN	BZ	5867	283	IAmb	1003	48.08	1274	1.7	
THN	BN	5867	283	ES	1010	55.89 0.73			1.0
BHK	BZ	5880	281	EP	1003	45.06-0.26			1.0
BHK	BZ	5880	281	IAmb	1003	48.83	2075	2.0	
BHK	BN	5880	281	ES	1010	56.20-0.54			1.0
UDMP	HZ	5895	283	EP	1003	46.24-0.02			1.0
JMU	BZ	5926	284	EP	1003	46.17-2.09			0.9
JMU	BZ	5926	284	IAmb	1003	52.24	824	1.9	
NDI	HZ	5973	278	EP	1003	51.06-0.36			1.0
NDI	HZ	5973	278	ES	1011	08.60 0.55			1.0

NPL	BZ	5979	278	EP	1003	51.95	0.12			1.0
NPL	BZ	5979	278	IAmb	1003	54.63		511	1.0	
BLSP	BZ	5980	268	EP	1003	51.65	-0.35			1.0
BLSP	BZ	5980	268	IAmb	1003	55.07		1046	2.0	
AYAN	BZ	5992	278	EP	1003	51.86	-0.87			1.0
AYAN	BZ	5992	278	IAmb	1003	55.67		390	1.1	
AYAN	BN	5992	278	ES	1011	09.48	-0.98			1.0
SONA	BZ	6012	277	EP	1003	53.22	-0.74			1.0
SONA	BZ	6012	277	IAmb	1003	56.90		1044	1.1	
SONA	BN	6012	277	ES	1011	12.15	-0.61			1.0
JHNI	BZ	6057	274	EP	1003	55.75	-1.17			1.0
JHNI	BZ	6057	274	IAmb	1003	59.20		998	1.8	
JHNI	BN	6057	274	ES	1011	17.75	-0.49			1.0
KUDL	HZ	6065	278	EP	1003	57.45	0.04			1.0
KUDL	HN	6065	278	ES	1011	19.21	0.06			1.0
RAGD	BZ	6067	264	EP	1003	58.35	0.74			1.0
RAGD	BE	6067	264	IAmb	1004	00.15		616	1.6	
RAIP	HZ	6082	267	EP	1003	58.32	-0.32			1.0
KNKR	BZ	6159	267	EP	1004	03.55	-0.03			1.0
KNKR	BZ	6159	267	IAmb	1004	06.99		319	0.9	
VISK	HZ	6183	263	EP	1004	06.05	0.96			1.0
VISK	HZ	6183	263	IAmb	1004	06.92		1044	1.8	
VISK	HN	6183	263	ES	1011	33.08	-0.34			1.0
GUNA	BZ	6214	274	EP	1004	06.41	-0.67			1.0
GUNA	BZ	6214	274	IAmb	1004	08.67		895	1.7	
GUNA	BN	6214	274	ES	1011	36.83	-0.28			1.0
CNWR	HZ	6251	270	EP	1004	08.61	-0.85			1.0
BHPL	HZ	6298	272	EP	1004	12.10	-0.26			1.0
BHPL	HN	6298	272	IAmb	1004	14.19		595	1.3	
BHPL	HE	6298	272	ES	1011	46.90	-0.05			1.0
NGP	BN	6300	269	EP	1004	12.17	-0.38			1.0
NGP	BN	6300	269	ES	1011	47.35	0.04			1.0
AJM	BZ	6324	277	EP	1004	13.82	-0.20			1.0
AJM	BZ	6324	277	IAmb	1004	27.24		151	11.4	
AJM	BE	6324	277	ES	1011	49.38	-0.65			1.0
JODH	HZ	6464	278	EP	1004	22.21	-0.58			1.0
INDR	HZ	6468	273	EP	1004	22.46	-0.65			1.0
VJD	BZ	6488	264	EP	1004	25.86	1.52			0.9
VJD	BN	6488	264	IAmb	1004	27.52		806	1.8	
VJD	BN	6488	264	ES	1012	09.13	-0.17			1.0
UDPR	BZ	6517	276	EP	1004	25.89	-0.16			1.0
UDPR	BZ	6517	276	IAmb	1004	29.65		662	1.4	
UDPR	BN	6517	276	ES	1012	12.84	0.34			1.0
HYB	HZ	6597	266	EP	1004	31.61	0.42			1.0
HYB	HN	6597	266	ES	1012	22.07	-0.03			1.0
JASL	BZ	6597	280	EP	1004	31.91	0.92			1.0
JASL	BZ	6597	280	IAmb	1004	32.71		607	0.9	
JASL	BN	6597	280	ES	1012	21.64	-0.10			1.0
HYB	HN	6597	266	IAmb	1004	38.17		636	5.1	
AURD	HZ	6688	268	EP	1004	36.05	-0.65			1.0
KNL	HZ	6756	265	EP	1004	41.29	0.44			1.0
MDRS	HZ	6779	261	EP	1004	43.61	1.43			0.9
MDRS	HN	6779	261	ES	1012	42.22	-0.50			1.0
SLPR	HZ	6797	268	EP	1004	43.13	-0.20			1.0
BHV	BZ	6832	274	EP	1004	45.66	0.34			1.0
ATP	HZ	6870	264	EP	1004	48.26	0.54			1.0
PALG	HZ	6884	272	EP	1004	48.89	0.42			1.0
POO	HZ	6909	270	EP	1004	50.17	0.08			1.0
POO	HN	6909	270	ES	1012	55.74	-1.83			0.9
BLRY	HZ	6932	266	EP	1004	51.99	0.62			1.0
KAD	BZ	6966	269	EP	1004	53.64	0.23			1.0
KAD	BZ	6966	269	IAmb	1004	58.33		1117	1.3	
KAD	BN	6966	269	ES	1013	04.00	0.17			1.0
SALM	BZ	7041	261	EP	1004	59.12	1.17			1.0

MOKO	SZ	105	98	EP	1717	24.30	0.35									1.0
MOKO	SE	105	98	ES	1717	37.88	0.32									1.0
MOKO	SE	105	98	IAML	1717	39.29			248	0.2						
ZIRO	SZ	124	17	EP	1717	26.49	-0.33									1.0
ZIRO	SE	124	17	ES	1717	41.95	-0.57									1.0
ZIRO	SN	124	17	IAML	1717	43.29			441	0.3						
SHL	HZ	179	237	EP	1717	35.94	1.34									1.0
SHL	HN	179	237	ES	1717	56.12	0.15									1.0
SHL	HN	179	237	IAML	1717	58.26			619	0.2						
TAWA	SZ	203	309	EP	1717	38.77	1.00									1.0
TAWA	SN	203	309	ES	1718	01.22	-0.23									1.0
CMPI	HZ	329	183	EP	1717	52.72	0.10									1.0
CMPI	HE	329	183	ES	1718	25.72	-1.43									1.0
CMPI	HE	329	183	IAML	1718	32.22			50	0.3						

June 12 2023 Hour: 21:23 8.3 Lat: 26.31N Lon: 95.26E D: 10.0F Ag: NCS Local
Magnitudes: 3.9ML NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MOKO	SZ	74	271	EP		2123	23.63	-0.08							1.0
MOKO	SN	74	271	ES		2123	35.07	0.13							1.0
MOKO	SN	74	271	IAML		2123	37.43			8685	0.4				
KOHI	SZ	132	241	EP		2123	29.65	-0.26							1.0
KOHI	SN	132	241	ES		2123	45.47	-0.20							1.0
KOHI	SN	132	241	IAML		2123	51.00			704	0.5				
ZIRO	SZ	194	314	EP		2123	36.88	0.30							1.0
ZIRO	SN	194	314	ES		2123	56.75	-0.45							1.0
ZIRO	SN	194	314	IAML		2124	00.05			1898	0.4				
TEZP	SZ	248	278	EP		2123	43.30	0.40							1.0
TEZP	SN	248	278	ES		2124	07.81	-0.34							1.0
SILR	SZ	299	236	EP		2123	49.98	0.87							1.0
SHL	HZ	338	257	EP		2123	54.91	0.63							1.0
SHL	HN	338	257	ES		2124	28.38	0.55							1.0
SHL	HN	338	257	IAML		2124	32.63			2681	0.2				
TAWA	SZ	365	294	EP		2123	58.25	0.43							1.0
TAWA	SN	365	294	ES		2124	34.25	0.29							1.0
TAWA	SN	365	294	IAML		2124	38.30			1215	0.2				
CMPI	HZ	369	213	EP		2123	57.83	0.07							1.0
CMPI	HN	369	213	ES		2124	34.55	0.69							1.0
CMPI	HN	369	213	IAML		2124	37.65			80	0.4				
SAIH	SZ	482	209	EP		2124	10.62	-0.72							1.0
SAIH	SN	482	209	ES		2124	56.99	-0.35							1.0
SAIH	SN	482	209	IAML		2125	00.54			34	0.4				
TURA	SN	512	261	EP		2124	14.14	-0.81							1.0
TURA	SN	512	261	ES		2125	02.71	-0.89							1.0
TURA	SN	512	261	IAML		2125	06.99			343	0.2				
GTK	SN	671	281	ES		2125	38.13	0.15							1.0
BOKR	HZ	986	256	EP		2125	12.02	-0.71							1.0
BOKR	HN	986	256	ES		2126	43.87	0.33							1.0
BOKR	HN	986	256	IAML		2126	50.60			186	0.5				

June 12 2023 Hour: 21:53 2.9 Lat: 33.19N Lon: 86.88E D: 10.0F Ag: NCS Local
Magnitudes: 3.7ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GTK	SN	671	165	EP		2154	30.99	1.34							1.0
PTH	BZ	750	240	EP		2154	38.41	-0.76							1.0
PTH	BN	750	240	ES		2155	49.61	0.18							1.0
PTH	BN	750	240	IAML		2156	01.83			78	0.7				
PTH	BE	750	240	IAML		2156	02.50			88	1.0				
JOSI	BZ	751	249	EP		2154	38.15	-0.77							1.0
LGTI	BZ	771	239	EP		2154	41.19	-0.65							1.0
LGTI	BN	771	239	ES		2155	54.77	0.72							1.0
LGTI	BN	771	239	IAML		2156	04.19			72	0.6				
TAWA	SZ	784	141	EP		2154	42.63	-0.70							1.0
UTK	BZ	842	253	EP		2154	49.40	-0.54							1.0

TURA	SZ	910	158	EP	2154	59.10	1.20									1.0
TURA	SN	910	158	ES	2156	19.88	-1.96									1.0
ZIRO	SZ	918	131	EP	2154	59.11	0.28									1.0
TEZP	SZ	926	140	EP	2154	59.98	0.25									1.0
MOKO	SZ	1060	134	EP	2155	16.61	0.20									1.0
KOHI	SZ	1084	138	EP	2155	19.50	0.11									1.0
SAIH	SZ	1329	152	EP	2155	49.07	0.69									1.0
AJM	BZ	1400	241	EP	2155	57.31	0.40									1.0

June 13 2023 Hour: 6:50 40.1 Lat: 25.12N Lon: 96.66E D: 24.5 Ag: NCS Local
Magnitudes: 3.9ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MOKO	SZ	253	302	EP		0651	16.46	0.15							1.0
MOKO	SN	253	302	ES		0651	43.13	0.36							1.0
MOKO	SN	253	302	IAML		0651	55.37			676	0.9				
KOHI	SZ	265	285	EP		0651	18.04	0.20							1.0
KOHI	SN	265	285	ES		0651	46.93	1.50							1.0
KOHI	SN	265	285	IAML		0651	54.69			8563	0.6				
IMP	SZ	276	264	EP		0651	17.56	-1.05							1.0
IMP	SN	276	264	ES		0651	47.67	0.91							1.0
IMP	SN	276	264	IAML		0651	52.33			318	0.4				
CMPI	HZ	384	243	EP		0651	33.05	0.93							1.0
SILR	SZ	391	265	EP		0651	33.48	0.80							1.0
TEZP	SZ	421	294	EP		0651	36.13	-0.21							1.0
TEZP	SN	421	294	ES		0652	16.98	-0.45							1.0
TEZP	SN	421	294	IAML		0652	20.16			967	0.3				
SHL	HZ	473	277	EP		0651	43.84	0.68							1.0
SHL	HN	473	277	ES		0652	30.42	1.18							1.0
SHL	HN	473	277	IAML		0652	35.70			596	0.5				
SAIH	SZ	474	233	EP		0651	42.99	0.09							1.0
SAIH	SN	474	233	ES		0652	28.23	-0.54							1.0
GUWA	SZ	513	284	EP		0651	47.07	-0.47							1.0
GUWA	SE	513	284	ES		0652	36.77	-0.03							1.0
GUWA	SN	513	284	IAML		0652	39.05			90	0.6				
TURA	SN	649	275	EP		0652	03.71	-0.55							1.0
TURA	SN	649	275	ES		0653	04.93	-0.80							1.0
TURA	SN	649	275	IAML		0653	13.58			157	0.9				
DHUB	SZ	677	280	EP		0652	07.00	-0.57							1.0
DHUB	SZ	677	280	ES		0653	09.31	-2.14							1.0

June 13 2023 Hour: 8:3 42.2 Lat: 33.13N Lon: 75.88E D: 4.5 Ag: NCS Local
Magnitudes: 5.6ML NCS Rms: 1.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	75	251	EP		0803	54.86	-0.38							1.0
UDMP	HN	75	251	ES		0804	04.62	-0.13							1.0
UDMP	HN	75	251	IAML		0804	06.35			380000	0.3				
THN	BZ	77	185	EP		0803	55.75	0.10							1.0
THN	BN	77	185	ES		0804	05.54	0.09							1.0
THN	BN	77	185	IAML		0804	09.12			198000	0.5				
DHRM	HZ	106	158	EP		0804	01.01	-0.33							1.0
DHRM	HE	106	158	ES		0804	15.29	-0.00							1.0
JMU	BZ	106	249	EP		0804	01.14	0.59							1.0
JMU	BN	106	249	ES		0804	14.68	0.75							1.0
JMU	BN	106	249	IAML		0804	25.86			112000	0.8				
DHRM	HN	106	158	IAML		0804	23.48			1438000	0.3				
SRIN	BZ	143	316	EP		0804	06.67	-0.26							1.0
SRIN	BE	143	316	ES		0804	25.39	0.43							1.0
ALCI	BZ	170	45	EP		0804	10.16	-0.27							1.0
ALCI	BN	170	45	ES		0804	30.55	-0.48							1.0
ALCI	BN	170	45	IAML		0804	34.19			15231	0.6				
AMRT	HN	189	209	EP		0804	14.03	1.54							1.0
AMRT	HN	189	209	ES		0804	34.67	0.09							1.0
AMRT	HN	189	209	IAML		0804	39.51			289000	0.5				
BHK	BN	198	166	EP		0804	14.67	1.01							1.0

BHK	BN	198	166	ES	0804	36.88	0.27			1.0
BHK	BN	198	166	IAML	0804	42.41		225000	0.5	
SDNR	BN	201	151	EP	0804	15.21	1.12			1.0
SDNR	BN	201	151	ES	0804	37.38	0.02			1.0
SDNR	BN	201	151	IAML	0804	42.63		434000	0.3	
SMLA	HZ	254	151	EP	0804	21.36	0.68			1.0
SMLA	HN	254	151	ES	0804	49.25	0.50			1.0
SMLA	HE	254	151	IAML	0804	55.45		161000	0.3	
CGRH	BZ	277	163	EP	0804	23.84	0.55			1.0
CGRH	BN	277	163	ES	0804	54.89	1.62			1.0
UTK	BN	360	137	EP	0804	35.04	1.38			1.0
UTK	BN	360	137	ES	0805	11.11	-0.10			1.0
SRGN	BN	403	209	EP	0804	38.89	0.19			1.0
SRGN	BN	403	209	ES	0805	19.86	-0.07			1.0
JOSI	BZ	450	128	EP	0804	46.24	1.67			1.0
RTK	BZ	457	173	EP	0804	46.37	1.07			1.0
MERT	BZ	494	159	EP	0804	50.49	0.77			1.0
MERT	BN	494	159	ES	0805	39.33	0.33			1.0
NRLA	BZ	496	166	EP	0804	50.64	0.69			1.0
NRLA	BN	496	166	ES	0805	39.19	-0.20			1.0
NRLA	BN	496	166	IAML	0805	41.80		82223	0.5	
NDI	HZ	509	165	EP	0804	52.06	0.45			1.0
NDI	HE	509	165	ES	0805	41.53	-0.73			1.0
NDI	HN	509	165	IAML	0805	44.22		2462	0.5	
NPL	BN	513	166	EP	0804	52.82	0.71			1.0
NPL	BN	513	166	ES	0805	43.15	0.01			1.0
NPL	BN	513	166	IAML	0805	45.59		7725	0.3	
UJWA	BZ	515	169	EP	0804	52.60	0.23			1.0
UJWA	BE	515	169	ES	0805	42.19	-1.40			1.0
LDR	HZ	520	165	EP	0804	53.71	0.84			1.0
JMIU	BZ	524	165	EP	0804	54.36	0.93			1.0
JMIU	BN	524	165	ES	0805	45.63	0.22			1.0
BISR	BZ	527	163	EP	0804	54.25	0.40			1.0
AYAN	BZ	529	167	EP	0804	54.48	0.38			1.0
PTDI	HZ	540	171	EP	0804	55.97	0.55			1.0
FBD	HZ	541	165	EP	0804	57.04	1.52			1.0
FBD	HN	541	165	ES	0805	49.22	0.19			1.0
MUKT	HZ	543	138	EP	0804	57.13	1.05			1.0
MUKT	HN	543	138	ES	0805	51.73	1.73			1.0
CHUR	HZ	545	190	EP	0804	55.53	-0.45			1.0
SONA	BZ	553	168	EP	0804	57.54	0.50			1.0
SONA	BE	553	168	ES	0805	51.69	0.04			1.0
SONA	BN	553	168	IAML	0805	54.75		26835	0.2	
KUDL	HZ	556	174	EP	0804	57.47	0.09			1.0
KUDL	HE	556	174	ES	0805	52.82	0.58			1.0
KUDL	HN	556	174	IAML	0805	56.22		9779	0.2	
UNCH	BZ	559	156	EP	0804	58.69	0.94			1.0
UNCH	BN	559	156	ES	0805	54.78	1.89			1.0
PTH	BZ	569	133	EP	0804	59.72	0.20			1.0
LGTI	BZ	576	135	EP	0805	00.65	0.12			1.0
LGTI	BN	576	135	ES	0805	56.97	-0.72			1.0
LGTI	BN	576	135	IAML	0805	59.81		9968	0.6	
BKNR	BZ	619	204	EP	0805	05.03	-0.03			1.0
BKNR	BE	619	204	ES	0806	06.70	1.18			1.0
AJM	BZ	753	190	EP	0805	21.57	0.10			1.0
AJM	BE	753	190	ES	0806	33.12	-0.80			1.0
AJM	BN	753	190	IAML	0806	39.66		1116	0.6	
GWAL	HN	799	163	EP	0805	26.99	-0.06			1.0
GWAL	HN	799	163	ES	0806	43.31	-0.27			1.0
GWAL	HN	799	163	IAML	0806	46.26		15074	0.4	
JODH	HZ	810	201	EP	0805	28.01	-0.34			1.0
JODH	HE	810	201	ES	0806	46.20	0.37			1.0
JODH	HN	810	201	IAML	0806	50.64		14375	0.3	
BRCH	BZ	826	137	EP	0805	30.92	0.60			1.0

BRCH	BN	826	137	ES	0806	50.99	1.76										1.0
JASL	BZ	839	216	EP	0805	31.16	-0.73										1.0
LKN	BZ	855	144	EP	0805	33.65	-0.29										1.0
JHNI	BZ	891	162	EP	0805	37.40	-0.82										1.0
JHNI	BE	891	162	ES	0807	01.28	-1.62										1.0
GUNA	BZ	951	171	EP	0805	44.24	-1.31										1.0
GUNA	BN	951	171	ES	0807	15.33	-0.25										1.0
GUNA	BN	951	171	IAML	0807	18.50		34837	0.4								
BNDA	BZ	951	152	EP	0805	46.01	0.39										1.0
UDPR	BZ	971	193	EP	0805	46.81	-1.18										1.0
BHPL	HZ	1106	172	EP	0806	04.36	-0.17										1.0
BHPL	HN	1106	172	ES	0807	48.67	0.26										1.0
VAR	BZ	1112	140	EP	0806	04.80	-0.36										1.0
INDR	HZ	1174	180	EP	0806	12.27	-0.60										1.0
INDR	HN	1174	180	ES	0808	00.49	-2.35										1.0
CNWR	HZ	1264	165	EP	0806	22.14	-1.67										1.0
CNWR	HN	1264	165	ES	0808	20.98	-0.80										1.0
CNWR	HN	1264	165	IAML	0808	24.53		1119	0.5								
BLSP	BZ	1370	152	EP	0806	34.15	-2.66										1.0
BLSP	BE	1370	152	ES	0808	42.58	-1.67										1.0
BLSP	BN	1370	152	IAML	0808	48.38		782	0.2								
BOKR	HZ	1423	134	EP	0806	41.00	-2.28										1.0
BOKR	HE	1423	134	ES	0808	57.01	1.55										1.0
BOKR	HN	1423	134	IAML	0809	00.56		272	0.9								
SHBG	BN	1438	124	IAML	0809	05.80		2670	0.4								
RAIP	HZ	1438	155	EP	0806	42.10	-3.05										1.0
SHBG	BZ	1438	124	EP	0806	41.91	-3.06										1.0
SHBG	BN	1438	124	ES	0808	59.51	1.13										1.0
DHUB	SZ	1576	116	EP	0807	02.43	0.59										0.9
BOM	BZ	1606	192	EP	0807	06.58	1.07										0.9
TURA	SZ	1626	118	EP	0807	06.31	-1.71										0.9
POO	HN	1630	188	EP	0807	05.83	-2.70										0.9
POO	HN	1630	188	ES	0809	38.59	-0.54										0.9
POO	HN	1630	188	IAML	0809	44.89		1623	0.7								
TAWA	SZ	1652	108	EP	0807	13.06	1.21										0.9
GUWA	SZ	1710	113	EP	0807	16.89	-1.22										0.9
BWNR	BZ	1734	143	EP	0807	17.73	-3.23										0.8
BWNR	BE	1734	143	ES	0810	00.05	-0.59										0.8
BWNR	BE	1734	143	IAML	0810	05.22		589	1.1								
SHL	HE	1771	114	ES	0810	08.29	-1.13										0.8
SHL	HN	1771	114	IAML	0810	16.85		528	0.6								
TEZP	SZ	1783	109	EP	0807	28.08	1.11										0.8
ZIRO	SZ	1833	105	EP	0807	34.49	1.52										0.8
ITAN	SZ	1839	106	EP	0807	34.03	0.28										0.8
KNL	HZ	1935	173	EP	*0807	39.15	-6.19										0.0
KOHI	SZ	1946	110	EP	0807	47.08	-0.00										0.7
MOKO	SZ	1950	108	EP	0807	47.53	-0.04										0.7
IMP	SZ	1982	113	EP	0807	50.78	-0.11										0.7
SAIH	SZ	2052	121	EP	0807	59.01	-0.38										0.6
KDGU	HZ	2285	180	EP	*0808	19.99	-7.55										0.0
MYSR	HZ	2295	178	EP	*0808	20.69	-7.91										0.0

June 13 2023 Hour: 12:51 40.8 Lat: 32.74N Lon: 76.50E D: 5.0F Ag: NCS Local
Magnitudes: 3.2ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DHRM	HZ	57	199	EP		1251	50.15	-1.38							1.0
DHRM	HN	57	199	ES		1251	57.90	-1.46							1.0
DHRM	HE	57	199	IAML		1251	59.68		705	0.2					
THN	BZ	73	244	EP		1251	53.99	0.39							1.0
THN	BN	73	244	ES		1252	03.81	0.87							1.0
THN	BN	73	244	IAML		1252	06.13		249	0.2					
UDMP	HN	131	279	EP		1252	02.64	-0.83							1.0
UDMP	HN	131	279	ES		1252	20.85	0.84							1.0
UDMP	HN	131	279	IAML		1252	22.67		7105	0.3					

SDNR	BZ	138	164	EP	1252	04.16-0.61									1.0
SDNR	BN	138	164	ES	1252	21.96-0.30									1.0
SDNR	BN	138	164	IAML	1252	24.94			195	0.3					
BHK	BZ	149	184	EP	1252	05.67-0.51									1.0
BHK	BE	149	184	ES	1252	25.04 0.34									1.0
BHK	BE	149	184	IAML	1252	28.17			393	0.3					
ALCI	BZ	176	21	EP	1252	08.67-0.97									1.0
ALCI	BE	176	21	ES	1252	30.55-0.14									1.0
ALCI	BN	176	21	IAML	1252	36.57			2220	0.3					
SMLA	HZ	189	160	EP	1252	11.66 0.31									1.0
SMLA	HE	189	160	ES	1252	35.20 1.55									1.0
SMLA	HN	189	160	IAML	1252	37.31			417	0.3					
UTK	BZ	289	140	EP	1252	24.10 0.64									1.0
UTK	BN	289	140	ES	1252	54.49-0.10									1.0
UTK	BN	289	140	IAML	1252	58.51			68	0.2					
MUKT	HZ	471	140	EP	1252	47.05 1.16									1.0
MUKT	HN	471	140	ES	1253	33.60 0.21									1.0
MUKT	HN	471	140	IAML	1253	37.66			19	0.2					

June 13 2023 Hour: 18:50 3.7 Lat: 25.89N Lon: 90.57E D: 10.0F Ag: NCS Local
Magnitudes: 3.4ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHL	HZ	147	104	EP		*1850	24.56-4.13								0.0
SHL	HN	147	104	ES		*1850	39.79-3.01								0.0
TAWA	SZ	229	34	EP		1850	39.60 0.70								1.0
TAWA	SN	229	34	ES		1851	05.51 0.91								1.0
TAWA	SN	229	34	IAML		1851	09.85			278	0.2				
AGT	SN	232	163	ES		1851	04.91 1.01								1.0
AGT	SN	232	163	IAML		1851	12.79			3050	0.4				
TEZP	SZ	237	70	EP		1850	39.41 0.22								1.0
TEZP	SN	237	70	ES		1851	04.73-0.37								1.0
TEZP	SN	237	70	IAML		1851	05.62			97	0.1				
GTK	SN	252	309	EP		1850	40.45-1.12								1.0
GTK	SE	252	309	ES		1851	09.69 0.49								1.0
GTK	SN	252	309	IAML		1851	11.89			83	0.2				
KOHI	SZ	355	92	EP		1850	54.25 0.07								1.0
KOHI	SN	355	92	ES		*1851	44.29 13.3								0.0
KOHI	SN	355	92	IAML		1851	48.64			130	0.5				
ZIRO	SZ	374	60	EP		1850	55.69-0.21								1.0
ZIRO	SN	374	60	ES		*1851	50.85 16.9								0.0
ZIRO	SN	374	60	IAML		1851	53.16			780	0.6				
CMPI	HZ	384	133	EP		1850	57.19-0.11								1.0
MOKO	SZ	398	82	EP		1850	58.06-1.22								1.0
MOKO	SE	398	82	ES		*1851	38.13-1.73								0.0
MOKO	SN	398	82	IAML		1851	40.81			36	0.4				
SAIH	SZ	449	146	EP		1851	04.82-0.36								1.0

June 13 2023 Hour: 20:50 57.6 Lat: 33.23N Lon: 75.88E D: 5.0 Ag: NCS Local
Magnitudes: 4.4ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	79	244	EP		2051	10.65-0.63								1.0
UDMP	HE	79	244	ES		2051	21.30 0.04								1.0
THN	BZ	88	185	EP		2051	11.76-1.13								1.0
THN	BN	88	185	ES		2051	24.13 0.09								1.0
THN	BN	88	185	IAML		2051	25.34			7816	0.6				
JMU	BZ	110	243	EP		2051	16.21-0.42								1.0
JMU	BN	110	243	ES		2051	31.36 0.85								1.0
JMU	BN	110	243	IAML		2051	38.51			6331	0.3				
DHRM	HZ	116	160	EP		2051	17.43-1.07								1.0
DHRM	HN	116	160	ES		2051	36.03 2.29								1.0
DHRM	HN	116	160	IAML		2051	38.44			5867	0.2				
SRIN	BZ	135	313	EP		2051	21.48 0.42								1.0
SRIN	BN	135	313	ES		2051	39.93 1.75								1.0
SRIN	BN	135	313	IAML		2051	46.41			16376	0.4				

AMRT	HZ	198	208	EP	2051	29.26	0.32		1.0
AMRT	HN	198	208	ES	2051	52.46	0.66		1.0
BHK	BN	209	167	EP	2051	29.94	-0.34		1.0
BHK	BE	209	167	ES	2051	54.40	0.28		1.0
BHK	BN	209	167	IAML	2051	57.91		6906 0.5	
SDNR	BZ	211	152	EP	2051	31.05	0.45		1.0
SDNR	BN	211	152	ES	2051	55.45	0.77		1.0
SDNR	BE	211	152	IAML	2051	58.26		3441 0.3	
SMLA	HN	263	152	EP	2051	37.38	0.19		1.0
SMLA	HN	263	152	ES	2052	05.81	-0.26		1.0
SMLA	HN	263	152	IAML	2052	11.43		55620 0.2	
CGRH	BZ	288	163	EP	2051	39.45	-0.44		1.0
CGRH	BN	288	163	ES	2052	12.25	1.50		1.0
CGRH	BN	288	163	IAML	2052	17.75		4312 0.3	
UTK	BZ	368	138	EP	2051	50.95	0.95		1.0
UTK	BE	368	138	ES	2052	28.82	0.59		1.0
UTK	BN	368	138	IAML	2052	30.41		782 0.3	
DDI	HZ	383	147	EP	2051	52.38	0.88		1.0
DDI	HE	383	147	ES	2052	30.84	0.01		1.0
DDI	HN	383	147	IAML	2052	36.94		11024 0.2	
SRGN	BZ	412	208	EP	2051	54.34	-0.82		1.0
SRGN	BE	412	208	ES	2052	37.79	0.63		1.0
SRGN	BE	412	208	IAML	2052	54.67		5328 0.6	
JOSI	BZ	457	129	EP	2052	01.44	0.67		1.0
JOSI	BE	457	129	ES	2052	48.07	1.20		1.0
JOSI	BE	457	129	IAML	2052	52.95		431 0.5	
RTK	BZ	468	174	EP	2052	02.96	1.02		1.0
BHGR	BN	513	168	ES	2052	56.45	-1.91		1.0
NDI	HZ	520	165	EP	2052	08.08	-0.14		1.0
NPL	BZ	524	166	EP	2052	07.91	-0.82		1.0
LDR	HZ	530	166	EP	2052	08.79	-0.70		1.0
AYAN	BZ	540	167	EP	2052	10.26	-0.46		1.0
AYAN	BN	540	167	ES	2053	03.08	-1.00		1.0
AYAN	BN	540	167	IAML	2053	05.03		110 0.4	
PTDI	HZ	550	171	EP	2052	12.02	-0.04		1.0
MUKT	HZ	551	138	EP	2052	13.06	0.64		1.0
MUKT	HE	551	138	ES	2053	06.83	-0.20		1.0
SONA	BZ	564	168	EP	2052	14.15	0.49		1.0
PTH	BZ	576	133	EP	2052	15.67	-0.12		1.0
LGTI	BZ	584	136	EP	2052	16.58	-0.25		1.0
LGTI	BN	584	136	ES	2053	14.90	0.25		1.0
LGTI	BN	584	136	IAML	2053	16.28		55 0.4	
BKNR	BZ	629	204	EP	2052	21.36	-0.20		1.0
BKNR	BN	629	204	ES	2053	23.22	0.39		1.0
BKNR	BN	629	204	IAML	2053	28.02		446 0.6	
AJM	BZ	764	189	EP	2052	37.23	-0.86		1.0
AJM	BE	764	189	ES	2053	51.35	-0.07		1.0
AJM	BE	764	189	IAML	2053	55.68		872 0.3	
JODH	HZ	820	200	EP	2052	44.43	-0.46		1.0
JASL	BZ	847	216	EP	2052	48.03	-0.21		1.0
JASL	BN	847	216	ES	2054	08.68	-0.32		1.0
JASL	BN	847	216	IAML	2054	10.35		113 0.2	
JHNI	BZ	901	162	EP	2052	53.40	-1.42		1.0
JHNI	BE	901	162	ES	2054	19.80	-0.57		1.0
UDPR	BZ	981	193	EP	2053	03.69	-0.90		1.0
BHPL	HZ	1117	172	EP	2053	20.22	-0.94		1.0
BHPL	HE	1117	172	ES	2055	06.69	0.74		1.0
BHPL	HN	1117	172	IAML	2055	11.77		622 0.3	
CNWR	HZ	1274	166	EP	*2053	37.67	-2.76		0.0
CNWR	HN	1274	166	ES	2055	37.11	0.59		1.0
NGP	BN	1372	166	EP	*2053	49.76	-2.58		0.0
NGP	BN	1372	166	ES	2055	59.22	1.92		1.0
TURA	SZ	1631	118	EP	2054	22.70	-1.31		0.9
TAWA	SZ	1656	108	EP	2054	27.81	0.18		0.9

ZIRO	SZ	1836	105	EP	2054	49.07	0.38									0.8
KOHI	SZ	1950	111	EP	2055	02.37	-0.55									0.7
MOKO	SZ	1954	108	EP	2055	02.57	-0.78									0.7

June 13 2023 Hour: 21:11 42.1 Lat: 33.19N Lon: 75.77E D: 10.0F Ag: NCS Local
Magnitudes: 2.8ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	68	243	EP		2111	53.78	-0.20							1.0
UDMP	HN	68	243	ES		2112	02.85	0.17							1.0
UDMP	HN	68	243	IAML		2112	05.30			764	0.2				
THN	BZ	83	178	EP		2111	56.23	-0.40							1.0
THN	BN	83	178	ES		2112	06.91	-0.36							1.0
THN	BN	83	178	IAML		2112	07.36			103	0.2				
DHRM	HZ	116	154	EP		2112	00.91	-2.04							1.0
DHRM	HN	116	154	ES		2112	17.54	-0.65							1.0
DHRM	HE	116	154	IAML		2112	19.42			560	0.3				
BHK	BZ	207	164	EP		2112	15.44	1.53							1.0
BHK	BN	207	164	ES		2112	38.45	1.30							1.0
BHK	BN	207	164	IAML		2112	41.22			132	0.2				
SDNR	BZ	212	149	EP		2112	13.71	-0.85							1.0
SDNR	BN	212	149	ES		2112	39.02	0.74							1.0
SDNR	BN	212	149	IAML		2112	41.19			28	0.3				
SMLA	HZ	264	150	EP		2112	21.20	0.06							1.0
SMLA	HE	264	150	ES		2112	50.14	0.47							1.0
SMLA	HE	264	150	IAML		2112	53.62			100	0.3				
LGTI	BZ	588	135	EP		2113	01.36	0.22							1.0

June 14 2023 Hour: 2:26 47.6 Lat: 33.18N Lon: 75.88E D: 10.0F 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
UDMP	HZ	76	247	EP		0227	00.19	-0.77							1.0
UDMP	HE	76	247	ES		0227	10.09	-0.63							1.0
UDMP	HN	76	247	IAML		0227	12.52			6548	0.2				
THN	BZ	83	185	EP		0227	00.70	-1.38							1.0
THN	BN	83	185	ES		0227	12.11	-0.54							1.0
THN	BN	83	185	IAML		0227	14.11			703	0.6				
JMU	BZ	107	246	EP		0227	07.15	0.88							1.0
JMU	BN	107	246	ES		0227	21.35	1.45							1.0
JMU	BN	107	246	IAML		0227	28.23			437	0.3				
DHRM	HN	111	159	EP		0227	07.15	-0.57							1.0
DHRM	HN	111	159	ES		0227	21.67	-0.75							1.0
DHRM	HN	111	159	IAML		0227	27.40			14420	0.2				
ALCI	BZ	167	46	EP		0227	15.01	0.32							1.0
ALCI	BN	167	46	ES		0227	34.23	-0.25							1.0
ALCI	BN	167	46	IAML		0227	38.53			382	0.3				
BHK	BZ	204	166	EP		0227	19.37	0.32							1.0
BHK	BN	204	166	ES		0227	43.79	1.78							1.0
BHK	BN	204	166	IAML		0227	47.40			602	0.3				
SDNR	BZ	207	152	EP		0227	18.82	-0.61							1.0
SDNR	BN	207	152	ES		0227	42.56	-0.11							1.0
SDNR	BN	207	152	IAML		0227	47.37			111	0.3				
SMLA	HZ	259	151	EP		0227	26.34	0.33							1.0
SMLA	HN	259	151	ES		0227	55.04	0.98							1.0
SMLA	HE	259	151	IAML		0228	00.14			494	0.2				
HNLY	BN	293	98	EP		0227	29.40	-0.67							1.0
HNLY	BN	293	98	ES		0228	02.29	1.21							1.0
UTK	BN	365	138	ES		0228	17.59	1.22							1.0
UTK	BN	365	138	IAML		0228	18.44			49	0.2				
PTH	BZ	573	133	EP		0228	03.91	-0.83							1.0
PTH	BN	573	133	ES		0229	01.21	0.16							1.0
LGTI	BZ	580	135	EP		0228	04.20	-1.56							1.0

June 14 2023 Hour: 2:59 34.5 Lat: 33.19N Lon: 75.82E D: 5.5 Ag: NCS Local
Magnitudes: 3.5ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	72	245	EP		0259	46.99	0.05							1.0
UDMP	HE	72	245	ES		0259	56.09	0.05							1.0
UDMP	HN	72	245	IAML		0259	56.88			8411	0.1				
THN	BZ	83	181	EP		0259	48.30	-0.71							1.0
DHRM	HZ	114	156	EP		0259	54.27	-0.82							1.0
DHRM	HN	114	156	ES		0300	10.74	0.60							1.0
DHRM	HN	114	156	IAML		0300	14.18			534	0.2				
ALCI	BZ	170	48	EP		0300	01.85	-0.71							1.0
ALCI	BN	170	48	ES		0300	22.81	-0.24							1.0
ALCI	BN	170	48	IAML		0300	28.32			3020	0.3				
BHK	BZ	206	165	EP		0300	06.77	0.00							1.0
BHK	BN	206	165	ES		0300	31.07	0.73							1.0
BHK	BN	206	165	IAML		0300	34.26			665	0.3				
SDNR	BZ	210	150	EP		0300	07.02	-0.28							1.0
SDNR	BN	210	150	ES		0300	31.37	0.11							1.0
SDNR	BN	210	150	IAML		0300	34.28			166	0.4				
SMLA	HZ	262	150	EP		0300	13.78	-0.11							1.0
SMLA	HN	262	150	ES		0300	42.64	-0.02							1.0
SMLA	HN	262	150	IAML		0300	46.65			362	0.3				
HNLY	BZ	299	98	EP		0300	19.35	1.14							1.0
HNLY	BN	299	98	ES		0300	50.61	0.48							1.0
HNLY	BN	299	98	IAML		0300	53.12			97	0.2				
UTK	BZ	369	137	EP		0300	28.86	1.96							1.0
UTK	BN	369	137	ES		0301	04.33	-0.84							1.0
UTK	BE	369	137	IAML		0301	06.99			109	0.2				
MUKT	HE	552	138	ES		0301	42.57	-1.39							1.0

June 14 2023 Hour: 10:30 3.2 Lat: 33.18N Lon: 75.86E D: 5.6 Ag: NCS Local
Magnitudes: 3.4ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	75	247	EP		1030	16.10	-0.12							1.0
UDMP	HN	75	247	ES		1030	25.89	0.19							1.0
UDMP	HN	75	247	IAML		1030	28.20			6707	0.3				
THN	BZ	82	183	EP		1030	16.61	-0.98							1.0
THN	BN	82	183	ES		1030	28.01	-0.07							1.0
THN	BN	82	183	IAML		1030	29.72			1092	0.4				
JMU	BZ	106	245	EP		1030	21.78	0.22							1.0
JMU	BE	106	245	ES		1030	35.44	0.51							1.0
JMU	BN	106	245	IAML		1030	44.11			279	0.2				
DHRM	HZ	112	158	EP		1030	22.89	-0.51							1.0
DHRM	HN	112	158	ES		1030	38.61	0.48							1.0
DHRM	HN	112	158	IAML		1030	42.31			7770	0.3				
ALCI	BZ	168	47	EP		1030	31.84	0.78							1.0
ALCI	BN	168	47	ES		1030	49.77	-1.60							1.0
ALCI	BN	168	47	IAML		1030	54.70			1897	0.4				
BHK	BZ	204	166	EP		1030	35.19	-0.08							1.0
BHK	BN	204	166	ES		1030	59.89	1.24							1.0
BHK	BN	204	166	IAML		1031	02.52			1099	0.4				
SDNR	BZ	207	151	EP		1030	35.64	-0.06							1.0
SDNR	BN	207	151	ES		1031	00.09	0.68							1.0
SDNR	BN	207	151	IAML		1031	03.28			171	0.3				
SMLA	HZ	260	151	EP		1030	42.12	-0.17							1.0
SMLA	HN	260	151	ES		1031	10.24	-0.56							1.0
SMLA	HN	260	151	IAML		1031	14.68			336	0.4				
HNLY	BZ	295	98	EP		1030	47.59	1.11							1.0
HNLY	BE	295	98	ES		1031	19.58	1.54							1.0
HNLY	BE	295	98	IAML		1031	27.05			24	0.4				
UTK	BZ	366	137	EP		1030	54.29	-0.95							1.0
UTK	BN	366	137	ES		1031	32.88	-0.32							1.0
UTK	BN	366	137	IAML		1031	34.57			81	0.3				

JOSI	BE	455	129	ES		1031	52.28	0.28									1.0
NDI	HN	515	165	ES		1032	02.68	-1.62									1.0

June 14 2023 Hour: 11:15 1.7 Lat: 25.14N Lon: 97.02E D: 13.8 Ag: NCS Local
Magnitudes: 3.4ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MOKO	SZ	284	298	EP		1115	43.85	0.95							1.0
MOKO	SN	284	298	ES		1116	12.72	-0.23							1.0
MOKO	SE	284	298	IAML		1116	15.13			2813	0.4				
KOHI	SZ	300	283	EP		1115	44.54	-0.45							1.0
KOHI	SE	300	283	ES		1116	17.71	1.14							1.0
KOHI	SN	300	283	IAML		1116	19.31			1253	0.6				
IMP	SZ	313	264	EP		1115	45.90	-0.07							1.0
IMP	SE	313	264	ES		1116	17.76	-0.50							1.0
IMP	SE	313	264	IAML		1116	19.25			18	0.5				
ZIRO	SZ	413	311	EP		1115	57.54	-0.66							1.0
CMPI	HZ	419	245	EP		1115	59.25	0.11							1.0
SAIH	SZ	505	235	EP		1116	09.86	0.29							1.0
SHL	HZ	509	276	EP		1116	11.40	0.95							1.0
TURA	SZ	686	275	EP		1116	30.46	-1.11							1.0
TURA	SN	686	275	ES		1117	36.74	-0.41							1.0
TURA	SE	686	275	IAML		1117	40.71			15	0.2				

June 14 2023 Hour: 12: 4 48.6 Lat: 25.18N Lon: 96.76E D: 9.8 Ag: NCS Local
Magnitudes: 3.5ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MOKO	SZ	258	300	EP		1205	27.86	0.69							1.0
MOKO	SN	258	300	ES		1205	56.12	0.81							1.0
MOKO	SN	258	300	IAML		1205	59.19			136	0.5				
KOHI	SZ	274	283	EP		1205	28.58	-0.51							1.0
KOHI	SN	274	283	ES		1205	58.93	0.28							1.0
KOHI	SN	274	283	IAML		1206	03.19			1002	0.6				
ZIRO	SZ	390	312	EP		1205	41.66	-1.11							1.0
ZIRO	SN	390	312	ES		1206	22.32	0.02							1.0
ZIRO	SN	390	312	IAML		1206	31.33			208	0.4				
CMPI	HZ	397	243	EP		1205	44.78	0.88							1.0
SHL	HZ	482	276	EP		1205	53.92	-0.64							1.0
SHL	HN	482	276	ES		1206	42.24	-0.47							1.0
SHL	HN	482	276	IAML		1206	44.25			120	0.3				
SAIH	SZ	487	233	EP		1205	55.38	0.69							1.0
SAIH	SN	487	233	ES		1206	42.29	-0.64							1.0
SAIH	SN	487	233	IAML		1206	46.83			147	0.5				

June 14 2023 Hour: 20:28 18.1 Lat: 27.15N Lon: 97.44E D: 13.0 Ag: NCS Local
Magnitudes: 3.5ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HAUL	HZ	138	319	EP		2028	40.31	-0.74							1.0
HAUL	HN	138	319	ES		2028	58.64	0.83							1.0
HAUL	HN	138	319	IAML		2029	03.57			1207	0.4				
MOKO	SZ	306	253	EP		2029	02.23	0.21							1.0
MOKO	SN	306	253	ES		2029	34.48	0.38							1.0
MOKO	SN	306	253	IAML		2029	38.06			699	0.5				
ZIRO	SZ	358	278	EP		2029	07.73	-0.28							1.0
ZIRO	SN	358	278	ES		2029	43.41	-1.05							1.0
ZIRO	SN	358	278	IAML		2029	47.70			103	0.4				
KOHI	SZ	368	245	EP		2029	09.31	-0.46							1.0
KOHI	SN	368	245	ES		2029	49.05	1.54							1.0
KOHI	SN	368	245	IAML		2029	57.90			293	0.5				
TAWA	SZ	554	276	EP		2029	32.07	-0.51							1.0
TAWA	SN	554	276	ES		2030	27.02	0.06							1.0
TAWA	SE	554	276	IAML		2030	30.31			32	0.3				
CMPI	HZ	580	227	EP		2029	36.15	0.80							1.0
SAIH	SN	685	222	EP		2029	48.94	0.98							1.0
SAIH	SN	685	222	ES		2030	51.82	-1.75							1.0

SAIH SN 685 222 IAML 2030 59.73 42 0.3

June 15 2023 Hour: 2:19 34.1 Lat: 13.89N Lon: 120.91E D:229.1 Ag: NCS Distant
Magnitudes: 6.6Mb NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HAUL	HZ	2974	306	EP		0224	52.56	-0.04							1.0
HAUL	HZ	2974	306	IAmb		0224	54.20			4932	1.1				
HAUL	HE	2974	306	ES		0229	11.23	-0.59							1.0
IMP	SZ	3074	297	EP		0224	59.54	-1.07							1.0
IMP	SN	3074	297	IAmb		0225	01.30			524	1.0				
IMP	SE	3074	297	ES		0229	26.26	0.28							1.0
MOKO	SZ	3076	301	EP		0225	00.13	-1.10							1.0
MOKO	SN	3076	301	IAmb		0225	02.85			2094	1.7				
MOKO	SN	3076	301	ES		0229	26.89	-0.18							1.0
KOHI	SZ	3091	299	EP		0225	01.58	-0.88							1.0
KOHI	SE	3091	299	IAmb		0225	05.97			4821	1.0				
KOHI	SN	3091	299	ES		0229	29.46	0.22							1.0
CMPI	HZ	3093	294	EP		0225	02.13	-0.26							1.0
CMPI	HE	3093	294	ES		0229	28.89	-0.23							1.0
SAIH	SN	3098	292	EP		0225	02.51	-0.12							1.0
SAIH	SN	3098	292	IAmb		0225	06.80			5140	1.6				
SAIH	SN	3098	292	ES		0229	29.36	-0.20							1.0
SILR	SZ	3183	297	EP		0225	09.36	0.14							1.0
SILR	SZ	3183	297	IAmb		0225	11.35			6148	2.5				
SILR	SN	3183	297	ES		0229	41.13	-0.11							1.0
ZIRO	SZ	3188	303	EP		0225	09.06	-0.59							1.0
ZIRO	SN	3188	303	IAmb		0225	12.39			2743	0.9				
ZIRO	SE	3188	303	ES		0229	42.45	0.45							1.0
SHL	HZ	3287	298	EP		0225	17.92	-0.08							1.0
SHL	HZ	3287	298	IAmb		0225	20.22			7407	1.1				
SHL	HN	3287	298	ES		0229	56.99	0.19							1.0
AGT	SZ	3308	294	EP		0225	19.92	0.75							1.0
AGT	SZ	3308	294	IAmb		0225	22.32			6873	0.9				
AGT	SN	3308	294	ES		0229	59.58	0.69							1.0
TAWA	SZ	3372	301	EP		0225	25.43	0.51							1.0
TAWA	SN	3372	301	IAmb		0225	29.57			13526	1.2				
TAWA	SN	3372	301	ES		0230	08.22	-0.85							1.0
JPG	BZ	3633	298	EP		0225	45.78	1.16							1.0
JPG	BN	3633	298	IAmb		0225	49.10			1423	1.0				
JPG	BE	3633	298	ES		0230	44.14	0.01							1.0
GTK	SZ	3668	299	EP		0225	48.35	0.48							1.0
GTK	SN	3668	299	IAmb		0225	51.04			3570	1.2				
GTK	SN	3668	299	ES		0230	49.41	-0.48							1.0
ARIA	BZ	3740	296	EP		0225	54.11	1.17							1.0
BWNR	BZ	3794	286	EP		0225	57.68	0.51							1.0
BWNR	BZ	3794	286	IAmb		0226	00.29			3380	1.3				
BWNR	BN	3794	286	ES		0231	06.74	0.22							1.0
JMUI	BZ	3830	294	EP		0226	00.24	0.34							1.0
JMUI	BN	3830	294	ES		0231	11.82	0.42							1.0
BOKR	HZ	3840	292	EP		0226	00.51	-0.22							1.0
BOKR	HZ	3840	292	IAmb		0226	04.17			2586	1.5				
BOKR	HN	3840	292	ES		0231	13.75	0.85							1.0
KNTI	BZ	3887	290	EP		0226	04.38	0.07							1.0
KNTI	BZ	3887	290	IAmb		0226	07.85			3471	2.3				
KNTI	BE	3887	290	ES		0231	19.71	0.42							1.0
STMR	BZ	3969	297	EP		0226	10.90	0.40							1.0
STMR	BN	3969	297	ES		0231	30.37	-0.01							1.0
RAGD	BZ	4034	284	EP		0226	15.48	-0.03							1.0
RAGD	BZ	4034	284	IAmb		0226	18.88			2707	1.2				
RAGD	BN	4034	284	ES		0231	39.17	-0.19							1.0
VISK	HZ	4043	281	EP		0226	17.27	1.10							1.0
VISK	HZ	4043	281	IAmb		0226	19.65			2203	1.1				
VISK	HN	4043	281	ES		0231	42.59	2.04							0.9
VLK	BZ	4117	297	EP		0226	22.76	0.97							1.0

VLK	BZ	4117	297	IAmb	0226	25.29	9841	1.3	
VLK	BN	4117	297	ES	0231	49.81-0.82			1.0
VAR	BZ	4158	293	EP	0226	25.11 0.29			1.0
VAR	BZ	4158	293	IAmb	0226	27.49	7151	1.2	
VAR	BN	4158	293	ES	0231	56.20 0.12			1.0
BLSP	BZ	4191	288	EP	0226	28.18 0.82			1.0
BLSP	BN	4191	288	IAmb	0226	31.15	317	2.5	
BLSP	BN	4191	288	ES	0232	00.38-0.25			1.0
KNKR	BZ	4245	285	EP	0226	31.12-0.34			1.0
KNKR	BZ	4245	285	IAmb	0226	34.07	1465	1.3	
KNKR	BN	4245	285	ES	0232	06.84-1.17			1.0
VJD	BZ	4330	279	EP	0226	37.35-0.39			1.0
VJD	BZ	4330	279	IAmb	0226	41.55	3448	1.1	
VJD	BE	4330	279	ES	0232	19.67 0.33			1.0
BRCH	BZ	4344	297	EP	0226	39.14 0.43			1.0
BRCH	BN	4344	297	ES	0232	22.29 1.21			1.0
MDRS	HZ	4407	274	EP	0226	44.34 0.88			1.0
MDRS	HN	4407	274	ES	0232	30.14 0.48			1.0
JBPL	HZ	4432	290	EP	0226	45.39 0.16			1.0
JBPL	HZ	4432	290	IAmb	0226	48.06	4011	1.1	
NGP	BN	4505	286	ES	0232	41.79-0.96			1.0
CNWR	HZ	4524	288	EP	0226	52.38 0.30			1.0
CNWR	HN	4524	288	ES	0232	44.01-1.21			1.0
PTH	BZ	4528	299	EP	0226	51.71-1.19			1.0
LGTI	BZ	4534	299	EP	0226	52.94-0.56			1.0
LGTI	BZ	4534	299	IAmb	0226	54.72	608	1.2	
HYB	HZ	4550	281	EP	0226	54.82 0.74			1.0
HYB	HZ	4550	281	IAmb	0226	57.29	2241	1.2	
HYB	HE	4550	281	ES	0232	49.06 0.22			1.0
MUKT	HZ	4576	299	EP	0226	55.85-0.33			1.0
MUKT	HZ	4576	299	IAmb	0226	57.87	2995	1.2	
MUKT	HN	4576	299	ES	0232	51.90-0.71			1.0
KNL	HZ	4613	278	EP	0226	58.22-0.37			1.0
KNL	HZ	4613	278	IAmb	0227	01.83	1746	0.9	
KNL	HN	4613	278	ES	0232	56.84-0.17			1.0
JOSI	BZ	4614	301	EP	0227	00.12 1.36			0.9
JOSI	BZ	4614	301	IAmb	0227	01.86	4594	1.4	
JOSI	BN	4614	301	ES	0232	58.87 1.57			0.9
SALM	BZ	4643	272	EP	0227	01.44 0.56			1.0
SALM	BE	4643	272	ES	0233	01.53 0.36			1.0
GWAL	HZ	4649	294	EP	0227	00.32-0.87			1.0
GWAL	HZ	4649	294	IAmb	0227	03.01	2649	1.3	
GWAL	HN	4649	294	ES	0233	00.32-1.40			0.9
ATP	HZ	4663	276	EP	0227	02.39 0.13			1.0
ATP	HZ	4663	276	IAmb	0227	05.68	1622	1.4	
ATP	HE	4663	276	ES	0233	04.48 0.82			1.0
BHPL	HZ	4689	289	EP	0227	03.63-0.44			1.0
BHPL	HZ	4689	289	IAmb	0227	06.85	1576	1.2	
BHPL	HN	4689	289	ES	0233	07.58 0.63			1.0
AURD	HZ	4722	282	EP	0227	07.33 0.82			1.0
AURD	HE	4722	282	ES	0233	10.65-0.73			1.0
UTK	BZ	4722	300	EP	0227	06.12-0.57			1.0
UTK	BZ	4722	300	IAmb	0227	09.33	4991	0.9	
AURD	HZ	4722	282	IAmb	0227	09.66	785	1.6	
UTK	BN	4722	300	ES	0233	10.52-1.15			1.0
HNLY	BZ	4732	304	EP	0227	07.94 0.63			1.0
HNLY	BZ	4732	304	IAmb	0227	11.69	2634	1.5	
HNLY	BN	4732	304	ES	0233	13.44 0.63			1.0
ASOR	BZ	4739	297	EP	0227	07.58-0.14			1.0
MERT	BZ	4747	298	EP	0227	07.89-0.36			1.0
DDI	HZ	4748	300	EP	0227	08.34 0.03			1.0
DDI	HZ	4748	300	IAmb	0227	11.39	2476	1.7	
DDI	HN	4748	300	ES	0233	15.18 0.53			1.0
BISR	BZ	4767	297	EP	0227	09.43-0.30			1.0

CHT	HN	4776	270	ES	0233	13.40-5.09			0.2
FBD	HZ	4776	297	EP	0227	10.19-0.21			1.0
CHT	HZ	4776	270	EP	0227	11.25 0.82			1.0
JMIU	BZ	4782	297	EP	0227	10.59-0.17			1.0
ASIV	HZ	4783	282	EP	0227	11.64 0.71			1.0
ASIV	HZ	4783	282	IAmb	0227	14.12	977	1.3	
LDR	HZ	4789	297	EP	0227	10.99-0.22			1.0
LDR	HZ	4789	297	IAmb	0227	12.29	1414	1.1	
NDI	HZ	4792	297	EP	0227	09.99-1.45			0.9
NDI	HZ	4792	297	IAmb	0227	12.57	1500	1.5	
NDI	HN	4792	297	ES	0233	19.73-0.59			1.0
NPL	BZ	4795	297	EP	0227	10.61-1.04			1.0
NPL	BZ	4795	297	IAmb	0227	12.56	614	0.9	
AYAN	BZ	4796	297	EP	0227	11.84 0.06			1.0
SONA	BZ	4797	297	EP	0227	11.51-0.34			1.0
SONA	BZ	4797	297	IAmb	0227	13.32	3784	1.2	
SONA	BN	4797	297	ES	0233	20.57-0.50			1.0
BLRY	HN	4800	278	ES	0233	22.88 1.39			0.9
MYSR	HZ	4803	273	EP	0227	10.50-1.87			0.9
MYSR	HZ	4803	273	IAmb	0227	15.84	1292	1.3	
MYSR	HE	4803	273	ES	0233	20.47-1.55			0.9
UJWA	BZ	4819	297	EP	0227	12.50-0.92			1.0
PTDI	HZ	4826	297	EP	0227	13.14-0.82			1.0
PTDI	HZ	4826	297	IAmb	0227	15.34	788	1.8	
SLPR	HZ	4829	281	EP	0227	13.94-0.27			1.0
SLPR	HZ	4829	281	IAmb	0227	17.49	1434	1.3	
SLPR	HN	4829	281	ES	0233	22.17-3.18			0.7
TRVM	HZ	4831	268	EP	0227	16.10 1.79			0.0
INDR	HZ	4837	288	EP	0227	12.28-2.49			0.8
INDR	HZ	4837	288	IAmb	0227	18.12	2894	1.2	
INDR	HN	4837	288	ES	0233	25.53-0.85			1.0
SMLA	HZ	4851	301	EP	0227	16.49 0.56			1.0
SMLA	HZ	4851	301	IAmb	0227	18.87	3716	1.2	
SMLA	HE	4851	301	ES	0233	28.49 0.02			1.0
KDGU	HZ	4874	274	EP	0227	17.41-0.09			1.0
KDGU	HN	4874	274	ES	0233	29.00-2.34			0.8
RTK	BZ	4875	298	EP	0227	16.81-0.62			1.0
RTK	BZ	4875	298	IAmb	0227	19.17	3289	1.4	
CGRH	BN	4883	300	ES	0233	31.78-0.37			1.0
SDNR	BZ	4886	301	EP	0227	17.44-0.77			1.0
SDNR	BZ	4886	301	IAmb	0227	20.74	1146	1.0	
SDNR	BE	4886	301	ES	0233	31.53-1.11			1.0
BHK	BZ	4931	301	EP	0227	22.15 0.77			1.0
BHK	BN	4931	301	IAmb	0227	26.37	1291	0.9	
BHK	BN	4931	301	ES	0233	39.35 0.94			1.0
ALCI	BZ	4937	305	EP	0227	23.02 1.05			1.0
ALCI	BN	4937	305	IAmb	0227	26.23	628	1.5	
ALCI	BN	4937	305	ES	0233	40.44 0.98			1.0
DHRM	HZ	4960	302	EP	0227	23.50-0.65			1.0
DHRM	HZ	4960	302	IAmb	0227	26.58	4218	1.5	
CHUR	HZ	5002	296	EP	0227	25.74-0.67			1.0
CHUR	HZ	5002	296	IAmb	0227	28.99	2617	1.2	
AJM	BZ	5006	294	EP	0227	27.81 1.04			1.0
AJM	BZ	5006	294	IAmb	0227	29.56	3463	0.7	
AJM	BN	5006	294	ES	0233	47.97-0.26			1.0
KAD	BE	5015	281	ES	0233	49.90 0.53			1.0
POO	HZ	5046	282	EP	0227	29.74 0.11			1.0
POO	HN	5046	282	ES	0233	53.30-0.14			1.0
GOA	HN	5065	278	ES	0233	57.74 1.93			0.9
UDPR	BZ	5078	291	EP	0227	32.55 0.78			1.0
UDPR	BZ	5078	291	IAmb	0227	35.20	5528	1.2	
UDPR	BN	5078	291	ES	0233	58.02 0.66			1.0
UDMP	HZ	5085	303	EP	0227	32.21-0.03			1.0
UDMP	HZ	5085	303	IAmb	0227	35.55	3590	1.4	

UDMP	HE	5085	303	ES	0233	58.37	0.16										1.0
JMU	BZ	5108	302	EP	0227	33.78	-0.07										1.0
JMU	BZ	5108	302	IAmb	0227	37.33			5336	1.1							
JMU	BE	5108	302	ES	0234	02.38	1.23										1.0
SRGN	BZ	5134	298	EP	0227	35.62	-0.08										1.0
SRGN	BZ	5134	298	IAmb	0227	38.67			8067	1.3							
SRGN	BN	5134	298	ES	0234	05.48	0.95										1.0
PALG	HN	5142	284	ES	0234	04.23	-1.36										0.9
SRIN	BZ	5144	304	EP	0227	36.50	0.11										1.0
SRIN	BZ	5144	304	IAmb	0227	40.07			3646	2.0							
BKNR	BZ	5161	296	EP	0227	38.99	1.40										0.9
JODH	HZ	5161	293	EP	0227	37.16	-0.47										1.0
JODH	HZ	5161	293	IAmb	0227	40.08			2244	0.7							
BARM	HZ	5319	292	EP	0227	48.44	-0.12										1.0
BARM	HZ	5319	292	IAmb	0227	52.20			4089	1.2							
JASL	BZ	5381	294	EP	0227	53.24	0.43										1.0
JASL	BZ	5381	294	IAmb	0227	55.73			1797	1.1							
JASL	BN	5381	294	ES	0234	36.48	0.62										1.0

June 15 2023 Hour: 3:21 29.6 Lat: 32.64N Lon: 94.72E D: 12.8 Ag: NCS Regional
Magnitudes: 4.2ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HAUL	HZ	534	161	EP		0322	42.70	1.64							0.9
ZIRO	SZ	573	189	EP		0322	46.46	0.61							1.0
ZIRO	SE	573	189	ES		0323	41.35	-0.15							1.0
ZIRO	SN	573	189	IAML		0323	53.73			277	0.4				
ITAN	SZ	617	189	EP		0322	50.58	-0.64							1.0
ITAN	SE	617	189	ES		0323	50.81	0.03							1.0
TAWA	SZ	624	207	EP		0322	53.70	1.05							1.0
TAWA	SN	624	207	ES		0323	53.90	0.64							1.0
TAWA	SE	624	207	IAML		0323	55.81			1667	0.2				
MOKO	SZ	701	182	EP		0323	01.90	0.02							1.0
MOKO	SN	701	182	ES		0324	08.27	-0.96							1.0
MOKO	SN	701	182	IAML		0324	15.92			865	0.5				
KOHI	SZ	770	185	EP		0323	10.23	-0.08							1.0
IMP	SZ	869	185	EP		0323	20.69	-1.24							0.9
CMPI	HZ	1023	188	EP		0323	41.10	0.14							1.0
SAIH	SZ	1138	189	EP		0323	53.73	-1.10							1.0
SAIH	SN	1138	189	ES		0325	41.25	0.42							1.0
SAIH	SN	1138	189	IAML		0325	48.67			19	0.7				
DHRM	HZ	1730	274	EP		0325	09.16	-0.27							1.0

June 15 2023 Hour: 16:47 10.3 Lat: 28.85N Lon: 86.38E D: 10.0F Ag: NCS Local
Magnitudes: 3.6ML NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GTK	SZ	277	127	EP		1647	51.16	-0.03							1.0
DHUB	SZ	476	130	EP		1648	14.89	-0.03							1.0
DHUB	SZ	476	130	ES		1649	01.92	-0.19							1.0
TURA	SZ	531	133	EP		1648	22.16	0.46							1.0
TURA	SE	531	133	ES		1649	13.73	-0.10							1.0
TURA	SE	531	133	IAML		1649	18.52			42	0.3				
TAWA	SZ	557	103	EP		1648	26.02	0.53							1.0
TAWA	SN	557	103	ES		1649	20.43	0.04							1.0
TAWA	SN	557	103	IAML		1649	28.50			95	0.4				
SHL	HZ	665	122	EP		1648	37.20	-1.28							1.0
SHL	HN	665	122	ES		1649	43.64	0.78							1.0
SHL	HN	665	122	IAML		1649	54.61			160	0.2				
KOHI	SN	840	113	EP		1648	59.99	0.03							1.0
KOHI	SN	840	113	ES		1650	19.82	-0.19							1.0
KOHI	SN	840	113	IAML		1650	22.59			145	0.5				
KOHI	SN	840	113	IAML		1650	23.45			7	0.4				
MOKO	SZ	851	107	EP		1649	01.08	-0.13							1.0
CMPI	HZ	912	129	EP		1649	08.84	0.41							1.0
CMPI	HN	912	129	ES		1650	33.71	-0.97							1.0

CMPI	HN	912	129	IAML	1650	39.06			34	0.5		
SAIH	SZ	968	135	EP	1649	15.03	-0.03					1.0
SAIH	SN	968	135	ES	1650	46.85	0.70					1.0
SAIH	SN	968	135	IAML	1650	53.03			75	0.5		

June 15 2023 Hour: 18: 5 54.9

Ag: Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHL	HZ			EP		1820	00.83								
BOKR	HZ			EP		1820	20.10								
DHRM	HZ			EP		1821	10.36								
MOKO	SZ			EP		1819	48.22								
SAIH	SZ			EP		1819	47.38								
TAWA	SZ			EP		1820	01.61								
TURA	SZ			EP		1820	07.58								
KOHI	SZ			EP		1819	50.79								
GTK	SZ			EP		1820	10.34								
ZIRO	SZ			EP		1819	53.59								
CMPI	HZ			EP		1819	47.48								
CAL	BZ			EP		1820	09.89								
BNDA	BZ			EP		1820	36.44								
ARIA	BZ			EP		1820	16.02								
BHGR	BZ			EP		1820	58.91								
HRYA	BZ			EP		1820	32.36								
JHNI	BZ			EP		1820	48.70								
JMUI	BZ			EP		1820	16.02								
GKPR	BZ			EP		1820	31.97								
JMIU	BZ			EP		1820	54.83								
BRCH	BZ			EP		1820	36.44								
BISR	BZ			EP		1820	48.70								
CGRH	BZ			EP		1820	58.91								
JPG	BZ			EP		1820	11.94								
AYAN	BZ			EP		1820	53.22								
BWNR	BZ			EP		1820	10.84								
SALM	BZ			EP		1820	32.31								
STMR	BZ			EP		1820	28.23								
SONA	BZ			EP		1820	54.78								
VLK	BZ			EP		1820	24.14								
VJD	BZ			EP		1820	24.14								
VAR	BZ			EP		1820	24.14								
SRIN	BZ			EP		1821	07.04								
UDPR	BZ			EP		1821	04.99								
LKN	BZ			EP		1820	37.20								
KNKR	BZ			EP		1820	24.14								
RAGD	BZ			EP		1820	11.89								
SRGN	BZ			EP		1821	07.04								
PTH	BZ			EP		1820	40.48								
NDI	HZ			EP		1820	54.78								
NRLA	BZ			EP		1820	52.74								
KNTI	BZ			EP		1820	11.89								
RTK	BZ			EP		1820	58.87								
NPL	BZ			EP		1820	50.69								
LDR	HZ			EP		1820	52.74								
KDGU	HZ			EP		1820	41.53								
ATP	HZ			EP		1820	37.48								
INDR	HZ			EP		1820	51.65								
DGPR	HZ			EP		1819	36.73								
DHRM	HN			ES		1824	28.67								
SMLA	HZ			EP		1821	05.80								
SMLA	HN			ES		1824	47.49								
BHPL	HZ			EP		1824	46.08								

June	16	2023	Hour: 4:46	13.5	Lat: 24.83N	Lon: 92.01E	D: 11.1	Ag: NCS	Local						
Magnitudes: 4.8ML NCS					Rms: 0.9 secs										
STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SILR	SZ	80	93	EP		0446	28.09	0.58							1.0
SILR	SE	80	93	ES		0446	38.63	0.88							1.0
SILR	SN	80	93	IAML		0446	43.83		68153		0.8				
SHL	HZ	82	359	EP		0446	28.74	0.41							1.0
SHL	HE	82	359	ES		0446	38.83	-0.34							1.0
SHL	HN	82	359	IAML		0446	41.22		46496		0.4				
AGT	SN	130	217	EP		0446	36.14	0.58							1.0
AGT	SN	130	217	ES		0446	52.10	0.42							1.0
AGT	SN	130	217	IAML		0446	56.27		47379		0.8				
GUWA	SZ	155	348	EP		0446	38.06	-0.70							1.0
GUWA	SN	155	348	ES		0446	56.94	-0.28							1.0
GUWA	SN	155	348	IAML		0446	59.57		16677		0.5				
TURA	SN	196	293	IAML		0447	10.21		33989		0.6				
IMP	SZ	196	89	EP		0446	44.49	0.70							1.0
IMP	SE	196	89	ES		0447	06.52	0.60							1.0
TURA	SZ	196	293	EP		0446	43.55	-0.25							1.0
TURA	SN	196	293	ES		0447	05.04	-0.89							1.0
IMP	SN	196	89	IAML		0447	12.66		6438		0.7				
CMPI	HZ	198	138	EP		0446	44.16	-0.13							1.0
CMPI	HN	198	138	ES		0447	07.03	0.25							1.0
KOHI	SZ	233	64	EP		0446	48.85	-0.06							1.0
KOHI	SE	233	64	ES		0447	14.93	0.16							1.0
KOHI	SE	233	64	IAML		0447	19.96		7172		0.4				
SAIH	SZ	277	159	EP		0446	53.58	-0.25							1.0
SAIH	SN	277	159	ES		0447	22.60	-0.68							1.0
SAIH	SN	277	159	IAML		0447	27.78		2266		0.8				
MOKO	SZ	301	56	EP		0446	57.25	0.11							1.0
TAWA	SZ	307	357	EP		0446	58.18	0.14							1.0
TAWA	SN	307	357	ES		0447	30.63	0.07							1.0
TAWA	SN	307	357	IAML		0447	34.68		5858		0.4				
ITAN	SN	309	33	EP		0446	57.65	0.02							1.0
ITAN	SN	309	33	ES		0447	29.60	-0.26							1.0
ITAN	SN	309	33	IAML		0447	32.00		25563		0.4				
ZIRO	SZ	351	31	EP		0447	02.69	-0.08							1.0
ZIRO	SN	351	31	ES		0447	38.27	-0.49							1.0
ZIRO	SN	351	31	IAML		0447	41.17		33011		0.4				
GTK	SZ	439	310	EP		0447	14.70	0.72							1.0
GTK	SN	439	310	ES		0447	57.68	-0.47							1.0
GTK	SN	439	310	IAML		0448	07.41		1601		0.6				
HAUL	HN	577	50	ES		0448	25.61	-0.77							1.0
BOKR	HZ	632	261	EP		0447	37.26	0.14							1.0
BOKR	HE	632	261	ES		0448	37.90	-0.28							1.0
KNTI	BZ	712	255	EP		0447	49.16	2.33							1.0
KNTI	BN	712	255	ES		0448	56.09	1.11							1.0
KNTI	BN	712	255	IAML		0449	01.51		636		0.3				
BWNR	BZ	813	233	EP		0447	59.12	-0.05							1.0
BWNR	BN	813	233	ES		0449	15.57	-0.75							1.0
BWNR	BN	813	233	IAML		0449	18.48		579		0.6				
VLK	BZ	859	291	EP		0448	06.00	1.22							1.0
VLK	BN	859	291	ES		0449	26.39	0.36							1.0
VLK	BN	859	291	IAML		0449	35.96		893		0.4				
BLSP	BZ	1049	255	EP		0448	27.72	-0.25							1.0
BLSP	BN	1049	255	ES		0450	04.98	-1.17							1.0
VISK	HZ	1195	231	EP		0448	45.62	-0.16							1.0
VISK	HN	1195	231	ES		0450	36.61	-0.35							1.0
VISK	HN	1195	231	IAML		0450	41.08		521		0.5				
PTH	BZ	1282	297	EP		0448	56.26	-0.81							1.0
PTH	BN	1282	297	ES		0450	57.88	1.38							1.0
PTH	BN	1282	297	IAML		0451	01.09		141		0.3				
LGTI	BZ	1285	296	EP		0448	55.62	-1.98							1.0

LGTI	BN	1285	296	ES	0450	56.40	-1.02									1.0
JHNI	BN	1352	276	EP	0449	02.61	-2.35									1.0
JHNI	BN	1352	276	ES	0451	12.03	1.89									1.0
JHNI	BN	1352	276	IAML	0451	19.42			76	0.5						
JOSI	BZ	1382	300	EP	0449	10.21	1.46									1.0
UTK	BZ	1487	299	EP	0449	21.95	0.23									1.0
UTK	BN	1487	299	ES	0451	39.20	0.07									1.0
UTK	BN	1487	299	IAML	0451	46.66			324	0.4						
BHPL	HZ	1493	266	EP	0449	21.96	-0.27									1.0
BHPL	HN	1493	266	ES	0451	40.14	0.12									1.0
VJD	BZ	1498	234	EP	0449	22.72	-0.04									1.0
VJD	BN	1498	234	ES	0451	41.11	0.18									1.0
DDI	HN	1505	297	ES	0451	42.75	0.24									1.0
NDI	HZ	1532	289	EP	0449	27.37	0.45									1.0
NDI	HE	1532	289	ES	0451	48.26	0.12									1.0
AYAN	BZ	1535	289	EP	0449	27.54	0.17									1.0
AYAN	BN	1535	289	ES	0451	49.91	1.00									1.0
AYAN	BN	1535	289	IAML	0451	54.10			90	0.5						
NPL	BZ	1535	289	EP	0449	27.36	0.11									1.0
SONA	BZ	1536	288	EP	0449	28.64	1.20									1.0
SONA	BE	1536	288	ES	0451	49.38	0.34									1.0
HNLY	BN	1546	308	ES	0451	52.14	0.67									1.0
KUDL	HZ	1590	287	EP	0449	32.42	-1.53									0.9
KUDL	HN	1590	287	ES	0452	00.73	0.43									0.9
SMLA	HZ	1616	299	EP	0449	35.23	-2.27									0.9
SMLA	HN	1616	299	ES	0452	06.95	0.51									0.9
SMLA	HE	1616	299	IAML	0452	13.55			284	0.5						
HYB	HZ	1619	242	EP	0449	36.67	-0.98									0.9
HYB	HN	1619	242	ES	0452	05.86	-0.83									0.9
SDNR	BZ	1657	300	EP	0449	41.77	-0.47									0.9
SDNR	BE	1657	300	ES	0452	14.68	0.05									0.9
SDNR	BN	1657	300	IAML	0452	20.69			81	0.5						
BHK	BZ	1697	299	EP	0449	45.95	-1.10									0.9
BHK	BN	1697	299	ES	0452	22.67	-0.29									0.9
BHK	BN	1697	299	IAML	0452	30.91			136	0.7						
DHRM	HZ	1741	302	EP	0449	50.74	-2.28									0.8
DHRM	HN	1741	302	ES	0452	33.06	-0.23									0.8
AJM	BZ	1753	280	EP	0449	52.26	-1.58									0.8
AJM	BN	1753	280	ES	0452	34.84	0.14									0.8
AJM	BN	1753	280	IAML	0452	40.10			562	0.4						
THN	BZ	1793	302	EP	0450	00.96	2.39									0.8
THN	BN	1793	302	ES	0452	43.44	0.55									0.8
THN	BN	1793	302	IAML	0453	03.08			85	0.5						
MDRS	HZ	1805	226	EP	0450	00.23	0.17									0.8
UDPR	BZ	1850	273	EP	0450	05.09	-0.38									0.8
UDPR	BE	1850	273	ES	0452	55.03	0.21									0.8
UDPR	BN	1850	273	IAML	0453	04.05			30	0.6						
JMU	BN	1891	302	ES	0453	05.60	2.22									0.7
JMU	BN	1891	302	IAML	0453	10.18			105	0.6						
KOD	BZ	2230	226	EP	0450	50.68	-0.86									0.5
KOD	BN	2230	226	ES	0454	15.07	0.55									0.5
KOD	BN	2230	226	IAML	0454	23.59			98	0.5						

June 16 2023 Hour: 23: 2 33.1				Lat: 39.39N Lon: 68.22E D: 55.0		Ag: NCS Local									
Magnitudes: 4.2ML NCS				Rms: 0.7 secs											
STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HN	950	137	EP		2304	33.22	0.27							1.0
UDMP	HN	950	137	ES		2305	58.84	-1.62							1.0
UDMP	HN	950	137	IAML		2306	04.74			1227	0.2				
THN	BZ	1030	136	EP		2304	43.79	0.92							1.0
THN	BN	1030	136	ES		2306	18.72	1.10							1.0
THN	BN	1030	136	IAML		2306	21.71			47	0.4				
DHRM	HN	1077	135	EP		2304	49.51	0.23							1.0
DHRM	HN	1077	135	ES		2306	28.39	-0.32							1.0

DHRM	HN	1077	135	IAML	2306	33.54		105	0.2	
BHK	BN	1155	138	ES	2306	45.07	1.22			1.0
SDNR	BZ	1174	135	EP	2304	59.53	-0.86			1.0
SDNR	BN	1174	135	ES	2306	47.48	-0.45			1.0
SDNR	BN	1174	135	IAML	2306	50.80		16	0.5	
SMLA	HZ	1225	136	EP	2305	06.16	-0.71			1.0
SMLA	HE	1225	136	ES	2306	58.85	-0.29			1.0
SMLA	HN	1225	136	IAML	2307	02.65		25	0.3	
UTK	BZ	1337	133	EP	2305	20.97	0.45			1.0
UTK	BN	1337	133	ES	2307	22.95	0.19			1.0
UTK	BE	1337	133	IAML	2307	27.69		56	0.4	
MUKT	HZ	1520	133	EP	2305	42.40	-0.29			1.0
MUKT	HN	1520	133	ES	2308	01.28	0.17			1.0
MUKT	HN	1520	133	IAML	2308	05.01		11	0.4	
AJM	BZ	1557	156	EP	2305	46.77	-0.03			1.0

June 17 2023 Hour: 2:46 7.1 Lat: 37.76N Lon: 72.47E D: 10.0F Ag: NCS Local
Magnitudes: 4.2ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BN	580	131	EP		0247	24.77	0.19							1.0
ALCI	BN	580	131	ES		0248	23.05	1.88							1.0
ALCI	BN	580	131	IAML		0248	28.65			2117	0.4				
UDMP	HZ	590	155	EP		0247	26.53	0.91							1.0
UDMP	HN	590	155	ES		0248	23.24	0.27							1.0
UDMP	HN	590	155	IAML		0248	30.84			3184	0.6				
JMU	BZ	593	158	EP		0247	27.75	1.75							1.0
JMU	BE	593	158	ES		0248	23.89	0.27							1.0
JMU	BN	593	158	IAML		0248	32.06			254	0.4				
THN	BZ	664	152	EP		0247	35.18	0.44							1.0
THN	BN	664	152	ES		0248	39.48	0.73							1.0
THN	BN	664	152	IAML		0248	48.93			265	0.4				
DHRM	HZ	705	149	EP		0247	41.15	0.71							1.0
DHRM	HN	705	149	ES		0248	48.25	-0.35							1.0
DHRM	HN	705	149	IAML		0248	55.76			478	0.4				
BHK	BE	792	152	ES		0249	06.55	0.83							1.0
BHK	BN	792	152	IAML		0249	11.58			114	0.2				
SDNR	BZ	801	148	EP		0247	51.28	-0.21							1.0
SDNR	BN	801	148	ES		0249	07.08	-0.65							1.0
SDNR	BN	801	148	IAML		0249	14.43			61	0.4				
HNLY	BZ	810	131	EP		0247	51.91	-0.71							1.0
HNLY	BE	810	131	ES		0249	09.56	-0.13							1.0
HNLY	BN	810	131	IAML		0249	15.02			19	0.9				
SMLA	HZ	853	148	EP		0247	58.43	0.35							1.0
SMLA	HN	853	148	ES		0249	16.98	-2.14							1.0
SMLA	HN	853	148	IAML		0249	24.35			116	0.5				
UTK	BZ	954	143	EP		0248	09.81	-0.56							1.0
UTK	BN	954	143	ES		0249	40.37	-0.02							1.0
UTK	BN	954	143	IAML		0249	46.99			170	0.3				
JOSI	BN	1032	139	ES		0249	56.24	-0.42							1.0
MUKT	HZ	1136	142	EP		0248	31.36	-1.32							1.0
MUKT	HN	1136	142	ES		0250	18.51	-0.47							1.0
MUKT	HN	1136	142	IAML		0250	23.40			284	0.5				
AJM	BZ	1273	170	EP		0248	47.53	-1.61							1.0
AJM	BE	1273	170	ES		0250	47.73	0.27							1.0
AJM	BN	1273	170	IAML		0250	56.21			144	0.4				

June 17 2023 Hour: 5: 0 15.3 Lat: 25.00N Lon: 94.47E D: 31.9 Ag: NCS Local
Magnitudes: 3.3ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IMP	SZ	56	251	EP		0500	25.51	-0.39							1.0
IMP	SN	56	251	ES		0500	34.46	0.81							1.0
IMP	SN	56	251	IAML		0500	35.76			220	0.3				
KOHI	SZ	88	336	EP		0500	30.12	-0.63							1.0
KOHI	SN	88	336	ES		0500	42.35	0.31							1.0

KOHI	SN	88	336	IAML	0500	46.22		384	0.3	
MOKO	SZ	146	2	EP	0500	37.74-0.12				1.0
MOKO	SN	146	2	ES	0500	55.37 1.03				1.0
MOKO	SN	146	2	IAML	0501	00.08		21579	0.2	
CMPI	HZ	204	215	EP	0500	44.07-0.60				1.0
CMPI	HN	204	215	ES	0501	06.79 0.67				1.0
CMPI	HN	204	215	IAML	0501	08.47		1075	0.3	
SHL	HZ	258	285	EP	0500	51.13-0.35				1.0
SHL	HE	258	285	ES	0501	18.77 0.87				1.0
SHL	HN	258	285	IAML	0501	20.85		1186	0.2	
ZIRO	SZ	287	348	EP	0500	54.13-0.41				1.0
GUWA	SZ	309	296	EP	0500	58.37 1.16				1.0
GUWA	SE	309	296	ES	0501	26.97-0.85				1.0
GUWA	SE	309	296	IAML	0501	28.92		66	0.1	
SAIH	SZ	316	209	EP	0500	58.26 0.02				1.0
SAIH	SN	316	209	ES	0501	29.85 0.25				1.0
SAIH	SN	316	209	IAML	0501	32.98		12	0.3	
AGT	SZ	349	250	EP	0501	01.62-0.53				1.0
TURA	SZ	431	279	EP	0501	11.84-0.40				1.0
TURA	SN	431	279	ES	0501	53.00-0.81				1.0
TURA	SN	431	279	IAML	0501	56.77		116	0.2	

June 17 2023 Hour: 8:33 58.8 Lat: 33.22N Lon: 75.56E D: 5.0F Ag: NCS Local
Magnitudes: 3.0ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	53	230	EP		0834	08.47	0.39							1.0
JMU	BZ	84	234	EP		0834	13.57	0.22							1.0
THN	BZ	90	165	EP		0834	13.37-1.06								1.0
THN	BE	90	165	ES		0834	26.34 0.52								1.0
THN	BN	90	165	IAML		0834	28.46			739	0.3				
DHRM	HZ	129	147	EP		0834	20.20-1.70								1.0
DHRM	HN	129	147	ES		0834	37.68-1.08								1.0
DHRM	HN	129	147	IAML		0834	41.29			251	0.3				
ALCI	BN	186	53	ES		0834	50.57-0.40								1.0
ALCI	BN	186	53	IAML		0834	55.81			446	0.3				
SDNR	BZ	226	145	EP		0834	33.67 0.07								1.0
SDNR	BN	226	145	ES		0834	59.65 0.66								1.0
SDNR	BN	226	145	IAML		0835	04.48			48	0.3				
SMLA	HZ	278	146	EP		0834	40.19 0.03								1.0
SMLA	HN	278	146	ES		0835	11.71 1.36								1.0
SMLA	HN	278	146	IAML		0835	18.06			84	0.3				
HNLY	BZ	323	98	EP		0834	44.92-0.64								1.0
HNLY	BN	323	98	ES		0835	21.07 1.39								1.0
UTK	BE	388	135	ES		0835	33.86 0.22								1.0
UTK	BE	388	135	IAML		0835	35.89			33	0.1				

June 17 2023 Hour: 16:14 26.2 Lat: 35.92N Lon: 80.05E D: 10.0F 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
DHRM	HZ	534	221	EP		1615	38.76	0.09							1.0
DHRM	HN	534	221	ES		1616	33.46 1.86								1.0
DHRM	HN	534	221	IAML		1616	40.35			1766	0.6				
THN	BZ	550	227	EP		1615	40.89 1.04								1.0
THN	BE	550	227	ES		1616	32.31-1.34								1.0
THN	BN	550	227	IAML		1616	41.38			1162	0.8				
UDMP	HZ	562	235	EP		1615	42.17 0.81								1.0
SDNR	BZ	566	212	EP		1615	42.51 0.60								1.0
JMU	BZ	593	236	EP		1615	45.30 0.22								1.0
SMLA	HN	595	207	ES		1616	43.91 0.30								1.0
SMLA	HN	595	207	IAML		1616	52.86			586	0.6				
UTK	BZ	595	195	EP		1615	45.78 0.21								1.0
UTK	BN	595	195	ES		1616	43.35-0.19								1.0
UTK	BN	595	195	IAML		1616	51.66			1389	0.7				
SMLA	HZ	595	207	EP		1615	45.62 0.01								1.0

JOSI	BZ	597	185	EP	1615	48.15	2.41										1.0
BHK	BZ	606	215	EP	1615	46.66	-0.07										1.0
BHK	BE	606	215	ES	1616	45.91	0.36										1.0
BHK	BN	606	215	IAML	1616	50.42		2568	0.4								
DDI	HZ	648	197	EP	1615	51.78	-0.06										1.0
MUKT	HZ	718	183	EP	1616	00.96	0.30										1.0
LGTI	BZ	723	180	EP	1616	00.68	-1.10										1.0
LGTI	BN	723	180	ES	1617	12.14	0.55										1.0
LGTI	BN	723	180	IAML	1617	20.09		147	0.7								
NDI	HZ	846	199	EP	1616	14.53	-1.42										1.0
NPL	BZ	852	199	EP	1616	16.11	-0.59										1.0
LDR	HZ	855	199	EP	1616	17.86	0.74										1.0
AYAN	BZ	869	199	EP	1616	18.37	-0.54										1.0
AYAN	BE	869	199	ES	1617	41.75	0.52										1.0
AYAN	BN	869	199	IAML	1617	47.82		85	0.7								
JHNI	BZ	1168	187	EP	1616	54.48	-0.82										1.0
AJM	BZ	1172	208	EP	1616	54.60	-1.26										1.0
AJM	BN	1172	208	ES	1618	44.22	-0.92										1.0
AJM	BN	1172	208	IAML	1618	51.50		41	0.5								
UDPR	BZ	1396	208	EP	1617	21.17	-1.97										1.0
UDPR	BN	1396	208	ES	1619	32.37	0.02										1.0
UDPR	BN	1396	208	IAML	1619	37.12		22	0.8								
BHPL	HZ	1428	191	EP	*1617	24.80	-2.23										0.0
BOKR	HZ	1457	156	EP	1617	29.33	-1.28										1.0
TURA	SZ	1508	137	EP	1617	37.93	1.11										1.0
MOKO	SZ	1739	124	EP	1618	05.70	0.37										0.8
KOHI	SZ	1754	126	EP	1618	07.17	0.02										0.8
SAIH	SZ	1945	136	EP	1618	29.98	0.26										0.7

June 17 2023 Hour: 16:25 35.6 Lat: 33.26N Lon: 75.77E D: 4.7 Ag: NCS Local
Magnitudes: 4.3ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	72	238	EP		1625	48.28	0.21							1.0
UDMP	HN	72	238	ES		1625	57.76	0.60							1.0
UDMP	HN	72	238	IAML		1625	59.66		68936	0.5					
THN	BZ	91	178	EP		1625	51.27	-0.12							1.0
THN	BN	91	178	ES		1626	04.23	1.33							1.0
THN	BN	91	178	IAML		1626	05.26		5569	0.5					
JMU	BZ	103	239	EP		1625	53.79	0.38							1.0
JMU	BN	103	239	ES		1626	05.30	-1.10							1.0
JMU	BN	103	239	IAML		1626	09.39		1933	0.7					
DHRM	HZ	123	156	EP		1625	57.15	-0.48							1.0
DHRM	HN	123	156	ES		1626	12.75	-0.95							1.0
AMRT	HZ	196	205	EP		1626	07.10	0.30							1.0
AMRT	HN	196	205	ES		1626	29.85	0.30							1.0
AMRT	HN	196	205	IAML		1626	32.94		15056	0.4					
BHK	BN	214	164	EP		1626	09.23	0.24							1.0
BHK	BN	214	164	ES		1626	34.60	1.26							1.0
BHK	BN	214	164	IAML		1626	38.38		30543	0.6					
SMLA	HZ	271	150	EP		1626	17.41	1.28							1.0
SMLA	HN	271	150	ES		1626	47.33	1.63							1.0
SMLA	HN	271	150	IAML		1626	52.04		80504	0.3					
CGRH	BZ	293	162	EP		1626	18.42	-0.23							1.0
CGRH	BN	293	162	ES		1626	51.64	1.58							1.0
CGRH	BN	293	162	IAML		1627	00.46		5502	0.5					
UTK	BZ	377	137	EP		1626	30.14	1.02							1.0
UTK	BN	377	137	ES		1627	08.59	0.42							1.0
UTK	BN	377	137	IAML		1627	10.26		1333	0.3					
DDI	HZ	391	146	EP		1626	30.38	-0.14							1.0
DDI	HN	391	146	ES		1627	10.91	0.32							1.0
DDI	HN	391	146	IAML		1627	15.14		957	0.3					
JOSI	BZ	467	129	EP		1626	40.49	0.51							1.0
JOSI	BE	467	129	ES		1627	26.90	-0.05							1.0
JOSI	BE	467	129	IAML		1627	31.42		402	0.5					

RTK	BZ	472	172	EP	1626	40.37	-0.13									1.0
RTK	BE	472	172	ES	1627	27.95	0.09									1.0
BHGR	BN	518	167	ES	1627	36.28	-1.22									1.0
NDI	HZ	525	164	EP	1626	46.46	-0.48									1.0
NDI	HE	525	164	ES	1627	37.82	-1.17									1.0
NDI	HE	525	164	IAML	1627	44.00			148	0.4						
NPL	BZ	529	165	EP	1626	47.65	0.21									1.0
LDR	HN	536	165	ES	1627	42.49	1.31									1.0
AYAN	BZ	545	166	EP	1626	49.70	0.29									1.0
AYAN	BE	545	166	ES	1627	43.04	-0.23									1.0
AYAN	BE	545	166	IAML	1627	45.55			964	0.3						
MUKT	HN	560	138	EP	1626	51.87	0.33									1.0
MUKT	HE	560	138	ES	1627	46.72	-0.24									1.0
MUKT	HN	560	138	IAML	1627	50.17			249	0.7						
SONA	BZ	569	167	EP	1626	52.68	0.35									1.0
SONA	BN	569	167	ES	1627	47.23	-1.09									1.0
SONA	BN	569	167	IAML	1627	52.08			116	0.4						
PTH	BZ	586	133	EP	1626	55.86	0.90									1.0
PTH	BN	586	133	ES	1627	52.28	-0.59									1.0
PTH	BN	586	133	IAML	1627	55.85			1595	0.2						
LGTI	BZ	593	135	EP	1626	55.20	-0.78									1.0
LGTI	BE	593	135	ES	1627	53.30	-1.33									1.0
AJM	BZ	765	189	EP	1627	15.80	-0.52									1.0
AJM	BE	765	189	ES	1628	30.65	0.83									1.0
AJM	BN	765	189	IAML	1628	39.53			66	0.4						
JASL	BZ	844	215	EP	1627	25.53	-0.38									1.0
JASL	BE	844	215	ES	1628	47.24	0.83									1.0
JASL	BE	844	215	IAML	1628	53.00			1213	0.2						
UDPR	BZ	982	192	EP	1627	41.42	-1.32									1.0
UDPR	BN	982	192	ES	1629	13.78	-1.75									1.0
UDPR	BN	982	192	IAML	1629	23.38			36	0.6						
BHPL	HZ	1121	171	EP	1627	58.60	-1.16									1.0
BHPL	HN	1121	171	ES	1629	44.70	-0.27									1.0
BHPL	HE	1121	171	IAML	1629	50.33			59	0.5						
BOKR	HN	1440	134	ES	1630	51.44	-0.95									1.0
ZIRO	SZ	1846	105	EP	1629	27.55	-0.42									0.8
KOHI	SZ	1960	110	EP	1629	41.97	-0.22									0.7
KOHI	SN	1960	110	ES	1632	42.68	0.50									0.7
KOHI	SN	1960	110	IAML	1632	46.66			3	0.3						
MOKO	SZ	1964	108	EP	1629	43.20	0.57									0.7

June 17 2023 Hour: 17: 8 10.5 Lat: 35.96N Lon: 80.19E D: 10.0F Ag: NCS Local
Magnitudes: 3.9ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DHRM	HZ	545	222	EP		1709	26.21	0.63							1.0
DHRM	HE	545	222	ES		1710	21.12	0.71							1.0
DHRM	HE	545	222	IAML		1710	24.56			689	0.7				
THN	BZ	561	227	EP		1709	27.89	1.06							1.0
THN	BN	561	227	ES		1710	22.81	0.23							1.0
THN	BN	561	227	IAML		1710	31.93			419	0.5				
UDMP	HZ	575	236	EP		1709	29.18	0.74							1.0
UDMP	HE	575	236	ES		1710	24.61	-0.75							1.0
SDNR	BZ	576	213	EP		1709	28.63	-0.04							1.0
SDNR	BN	576	213	ES		1710	25.07	-0.68							1.0
SDNR	BN	576	213	IAML		1710	32.29			146	0.5				
UTK	BZ	602	196	EP		1709	32.14	0.18							1.0
UTK	BE	602	196	ES		1710	32.62	1.16							1.0
UTK	BE	602	196	IAML		1710	35.79			710	0.6				
SMLA	HZ	604	208	EP		1709	32.27	-0.01							1.0
SMLA	HE	604	208	ES		1710	30.15	-1.85							1.0
SMLA	HN	604	208	IAML		1710	37.92			33	0.6				
BHK	BZ	617	216	EP		1709	33.40	-0.14							1.0
BHK	BN	617	216	ES		1710	34.43	0.24							1.0
BHK	BN	617	216	IAML		1710	37.88			103	0.6				

PTH	BZ	706	180	EP	1709	44.58	-0.52										1.0
PTH	BE	706	180	ES	1710	55.20	1.01										1.0
PTH	BE	706	180	IAML	1711	07.75				161	0.2						
LGTI	BZ	727	181	EP	1709	47.42	-0.36										1.0
JHNI	BZ	1173	188	EP	1710	40.75	-0.74										1.0
AJM	BZ	1181	208	EP	1710	41.61	-0.92										1.0
AJM	BE	1181	208	ES	1712	33.59	0.06										1.0
AJM	BE	1181	208	IAML	1712	38.16				19	0.8						

June 17 2023 Hour: 20:46 41.1 Lat: 36.05N Lon: 81.40E D: 10.0F Ag: NCS Local
Magnitudes: 4.0ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DHRM	HZ	631	230	EP		2048	06.01	0.61							1.0
DHRM	HN	631	230	ES		2049	06.66	-0.30							1.0
DHRM	HN	631	230	IAML		2049	13.60			396	0.6				
UTK	BZ	650	206	EP		2048	06.78	-0.51							1.0
UTK	BE	650	206	ES		2049	10.20	-0.03							1.0
UTK	BE	650	206	IAML		2049	13.21			99	0.4				
SDNR	BZ	650	221	EP		2048	07.40	0.35							1.0
THN	BZ	652	234	EP		2048	08.30	1.00							1.0
THN	BE	652	234	ES		2049	09.80	-0.45							1.0
THN	BN	652	234	IAML		2049	23.37			136	1.0				
SMLA	HZ	672	217	EP		2048	08.67	-1.24							1.0
UDMP	HZ	673	241	EP		2048	09.12	-0.67							1.0
UDMP	HE	673	241	ES		2049	15.45	0.89							1.0
UDMP	HN	673	241	IAML		2049	24.07			437	0.9				
BHK	BZ	694	223	EP		2048	12.81	0.40							1.0
JMU	BZ	704	241	EP		2048	12.81	-0.74							1.0
LGTI	BN	747	190	EP		2048	20.33	0.69							1.0

June 17 2023 Hour: 22:20 27.9 Lat: 33.12N Lon: 75.89E D: 10.0F 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
UDMP	HN	76	252	EP		2220	40.08	-1.03							1.0
UDMP	HN	76	252	ES		2220	50.41	-0.34							1.0
UDMP	HN	76	252	IAML		2220	51.77			39726	0.4				
THN	BN	76	186	EP		2220	40.31	-0.90							1.0
THN	BN	76	186	ES		2220	50.99	0.05							1.0
THN	BN	76	186	IAML		2220	53.41			5412	0.7				
DHRM	HZ	104	158	EP		2220	44.11	-2.69							1.0
DHRM	HN	104	158	ES		2220	58.96	-1.65							1.0
DHRM	HN	104	158	IAML		2221	06.10			3758	0.2				
JMU	BZ	106	250	EP		2220	46.00	-0.37							1.0
JMU	BE	106	250	ES		2221	00.81	0.95							1.0
JMU	BN	106	250	IAML		2221	08.12			5058	0.2				
SRIN	BZ	145	316	EP		2220	53.25	1.13							1.0
AMRT	HZ	188	210	EP		2220	58.40	1.00							1.0
AMRT	HN	188	210	ES		2221	19.61	0.66							1.0
AMRT	HN	188	210	IAML		2221	23.52			5180	0.5				
BHK	BN	197	166	EP		2220	58.63	0.16							1.0
BHK	BN	197	166	ES		2221	21.36	0.56							1.0
BHK	BN	197	166	IAML		2221	25.97			4730	0.6				
SDNR	BZ	200	151	EP		2220	58.93	0.05							1.0
SDNR	BN	200	151	ES		2221	21.97	0.46							1.0
SDNR	BN	200	151	IAML		2221	26.31			16856	0.3				
SMLA	HZ	252	151	EP		2221	05.26	-0.21							1.0
SMLA	HN	252	151	ES		2221	34.11	1.21							1.0
UTK	BZ	358	137	EP		2221	19.49	1.04							1.0
UTK	BN	358	137	ES		2221	56.52	1.16							1.0
UTK	BE	358	137	IAML		2222	01.29			5533	0.3				
DDI	HN	372	146	ES		2221	58.34	0.59							1.0
DDI	HN	372	146	IAML		2222	01.67			4476	0.2				
SRGN	BZ	403	209	EP		2221	23.33	-0.28							1.0
SRGN	BN	403	209	ES		2222	04.10	-0.19							1.0

SRGN	BN	403	209	IAML	2222	09.67		469	0.4	
JOSI	BN	448	128	EP	2221	29.93	0.56			1.0
JOSI	BE	448	128	ES	2222	13.92	-0.33			1.0
JOSI	BN	448	128	IAML	2222	22.04		2793	0.3	
NDI	HZ	508	165	EP	2221	36.69	0.27			1.0
NPL	BZ	512	166	EP	2221	37.10	0.18			1.0
NPL	BN	512	166	ES	2222	28.62	1.30			1.0
AYAN	BE	528	167	ES	2222	30.62	-0.13			1.0
MUKT	HZ	541	138	EP	2221	41.23	0.36			1.0
MUKT	HN	541	138	ES	2222	35.03	0.89			1.0
MUKT	HN	541	138	IAML	2222	40.02		903	0.3	
SONA	BZ	552	168	EP	2221	42.40	0.55			1.0
SONA	BE	552	168	ES	2222	36.27	0.43			1.0
SONA	BN	552	168	IAML	2222	39.29		97	0.3	
PTH	BZ	567	133	EP	2221	45.08	0.77			1.0
PTH	BN	567	133	ES	2222	39.66	-0.44			1.0
PTH	BE	567	133	IAML	2222	44.31		482	0.3	
LGTI	BZ	574	135	EP	2221	45.01	-0.31			1.0
LGTI	BN	574	135	ES	2222	40.79	-1.05			1.0
LGTI	BN	574	135	IAML	2222	49.81		422	0.3	
AJM	BZ	752	190	EP	2222	05.30	-1.03			1.0
AJM	BE	752	190	ES	2223	18.19	0.00			1.0
AJM	BN	752	190	IAML	2223	22.26		512	0.2	
JHNI	BZ	890	162	EP	2222	21.49	-1.53			1.0
JHNI	BN	890	162	ES	2223	47.33	0.26			1.0
JHNI	BE	890	162	IAML	2223	49.11		96	0.3	
UDPR	BZ	970	193	EP	2222	33.44	0.58			1.0
BHPL	HZ	1105	172	EP	2222	48.12	-1.23			1.0
BHPL	HN	1105	172	ES	2224	32.07	-0.54			1.0
BHPL	HN	1105	172	IAML	2224	37.02		46	0.5	
NGP	BN	1360	166	EP	*2223	18.03	-2.50			0.0
NGP	BN	1360	166	ES	2225	26.46	2.40			1.0
NGP	BN	1360	166	IAML	2225	32.15		36	0.9	
KOHI	SZ	1944	110	EP	2224	31.62	-0.27			0.7
MOKO	SZ	1949	108	EP	2224	30.76	-1.62			0.7

June 17 2023 Hour: 23:52 4.9 Lat: 33.28N Lon: 75.91E D: 4.9 Ag: NCS Local
Magnitudes: 2.9ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HN	84	241	EP		2352	20.29	0.93							1.0
UDMP	HN	84	241	ES		2352	29.61	-0.33							1.0
UDMP	HN	84	241	IAML		2352	32.10			1515	0.3				
THN	BZ	93	186	EP		2352	20.32	-0.78							1.0
THN	BN	93	186	ES		2352	31.97	-0.99							1.0
THN	BN	93	186	IAML		2352	33.63			2013	0.3				
DHRM	HZ	120	162	EP		2352	25.42	-1.04							1.0
DHRM	HN	120	162	ES		2352	44.07	1.83							1.0
DHRM	HN	120	162	IAML		2352	46.67			115	0.2				
BHK	BZ	214	168	EP		2352	38.40	0.30							1.0
BHK	BN	214	168	ES		2353	03.26	0.89							1.0
BHK	BN	214	168	IAML		2353	05.83			134	0.3				
SDNR	BZ	215	154	EP		2352	38.37	0.08							1.0
SDNR	BN	215	154	ES		2353	02.46	-0.24							1.0
SDNR	BN	215	154	IAML		2353	06.08			34	0.2				
SMLA	HZ	267	153	EP		2352	45.44	0.57							1.0
SMLA	HN	267	153	ES		2353	14.04	-0.04							1.0
SMLA	HN	267	153	IAML		2353	19.58			80	0.3				
UTK	BN	371	139	ES		2353	34.81	-1.16							1.0
UTK	BN	371	139	IAML		2353	38.60			24	0.2				

June 18 2023			Hour: 2:58 19.6			Lat: 36.13N Lon: 80.22E			D: 10.0F			Ag: NCS			Local
Magnitudes: 4.2ML NCS									Rms: 0.9 secs						
STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	349	233	EP		0259	09.05	0.09							1.0
ALCI	BN	349	233	ES		0259	46.28	1.31							1.0
ALCI	BN	349	233	IAML		0259	50.67			794	0.7				
HNLV	BZ	389	197	EP		0259	14.61	0.76							1.0
HNLV	BN	389	197	ES		0259	53.82	0.39							1.0
HNLV	BE	389	197	IAML		0300	00.77			786	0.4				
DHRM	HN	562	221	EP		0259	36.46	0.96							1.0
DHRM	HE	562	221	ES		0300	31.24	0.36							1.0
DHRM	HN	562	221	IAML		0300	36.51			1286	0.6				
THN	BZ	577	226	EP		0259	37.84	1.21							1.0
THN	BE	577	226	ES		0300	31.79	-1.04							1.0
THN	BE	577	226	IAML		0300	41.21			143	0.2				
SDNR	BN	594	212	EP		0259	38.29	-0.49							1.0
SDNR	BE	594	212	ES		0300	36.51	-0.04							1.0
SDNR	BN	594	212	IAML		0300	49.77			336	0.3				
JMU	BZ	619	235	EP		0259	41.30	-0.40							1.0
UTK	BZ	621	196	EP		0259	43.45	1.18							1.0
UTK	BE	621	196	ES		0300	44.25	1.65							1.0
SMLA	HZ	622	208	EP		0259	42.81	0.35							1.0
SMLA	HN	622	208	ES		0300	42.44	-0.48							1.0
SMLA	HN	622	208	IAML		0300	59.00			426	0.2				
PTH	BZ	726	180	EP		0259	55.57	0.15							1.0
MUKT	HZ	742	184	EP		0259	57.69	0.60							1.0
NDI	HZ	873	200	EP		0300	12.26	-0.46							1.0
NPL	BZ	879	200	EP		0300	13.68	0.20							1.0
SONA	BZ	923	200	EP		0300	18.50	-0.43							1.0
JHNI	BZ	1193	188	EP		0300	50.88	-0.95							1.0
AJM	BZ	1200	208	EP		0300	51.46	-1.25							1.0
AJM	BE	1200	208	ES		0302	44.42	-0.03							1.0
AJM	BN	1200	208	IAML		0302	46.37			168	0.5				
UDPR	BZ	1424	208	EP		0301	18.06	-1.93							1.0
UDPR	BN	1424	208	ES		0303	29.96	-1.70							1.0
UDPR	BN	1424	208	IAML		0303	36.48			79	0.6				

June 18 2023			Hour: 16:34 49.6			Lat: 29.77N Lon: 68.21E			D: 10.0F			Ag: NCS			Local
Magnitudes: 4.4ML NCS									Rms: 0.9 secs						
STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JASL	BZ	412	139	EP		1635	46.98	0.55							1.0
JASL	BN	412	139	ES		1636	28.79	0.88							1.0
JASL	BN	412	139	IAML		1636	31.57			1238	0.5				
BARM	HZ	546	144	EP		1636	00.73	-2.10							1.0
BARM	HE	546	144	ES		1636	57.79	1.52							1.0
BARM	HN	546	144	IAML		1637	02.62			1108	0.3				
JODH	HZ	615	128	EP		1636	11.16	-0.10							1.0
JODH	HN	615	128	ES		1637	10.45	-0.41							1.0
JODH	HN	615	128	IAML		1637	15.00			319	0.3				
AJM	BZ	732	119	EP		1636	25.41	-0.15							1.0
AJM	BN	732	119	ES		1637	35.58	-0.01							1.0
AJM	BN	732	119	IAML		1637	41.49			536	0.3				
UDMP	HZ	744	60	EP		1636	28.40	1.34							1.0
UDMP	HN	744	60	ES		1637	39.06	0.88							1.0
UDMP	HN	744	60	IAML		1637	42.48			704	0.2				
THN	BZ	782	66	EP		1636	31.95	0.20							1.0
THN	BN	782	66	ES		1637	47.26	0.95							1.0
THN	BN	782	66	IAML		1637	50.55			87	0.4				
BHK	BZ	804	75	EP		1636	34.42	0.09							1.0
BHK	BN	804	75	ES		1637	49.49	-1.28							1.0
BHK	BN	804	75	IAML		1637	54.20			200	0.6				
DHRM	HZ	820	68	EP		1636	37.66	0.59							1.0
DHRM	HN	820	68	ES		1637	55.28	-0.24							1.0

DHRM	HN	820	68	IAML	1638	01.48		298	0.6	
SDNR	BN	856	75	EP	1636	41.01	0.24			1.0
SDNR	BN	856	75	ES	1638	01.73	-0.19			1.0
SDNR	BN	856	75	IAML	1638	05.84		128	0.6	
SMLA	HN	874	78	EP	1636	42.33	-0.81			1.0
SMLA	HN	874	78	ES	1638	06.34	0.33			1.0
SMLA	HN	874	78	IAML	1638	10.57		225	0.7	
SONA	BZ	879	99	EP	1636	43.40	-0.09			1.0
SONA	BN	879	99	ES	1638	06.59	-0.02			1.0
SONA	BN	879	99	IAML	1638	10.09		97	0.8	
NDI	HZ	883	96	EP	1636	43.90	-0.09			1.0
UTK	BZ	991	81	EP	1636	56.37	-0.99			1.0
UTK	BE	991	81	ES	1638	31.78	1.17			1.0
UTK	BN	991	81	IAML	1638	37.16		750	0.3	
JOSI	BN	1096	83	ES	1638	51.07	-1.74			1.0
JOSI	BN	1096	83	IAML	1638	57.61		473	0.3	
MUKT	HZ	1109	89	EP	1637	10.68	-1.20			1.0
MUKT	HN	1109	89	ES	1638	56.57	0.85			1.0
LGTI	BZ	1151	89	EP	1637	17.97	0.48			1.0
LGTI	BN	1151	89	ES	1639	04.41	-1.03			1.0
LGTI	BN	1151	89	IAML	1639	10.06		165	0.4	
PTH	BZ	1161	88	EP	1637	18.92	0.40			1.0
PTH	BN	1161	88	ES	1639	07.19	-0.02			1.0
PTH	BE	1161	88	IAML	1639	10.54		301	0.5	

June 18 2023 Hour: 20:29 44.5

Ag: Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DDI	HZ			EP		2051	21.57								
SMLA	HZ			EP		2051	07.39								
DHRM	HZ			EP		2051	14.43								
BOKR	HZ			EP		2051	16.74								
GOA	HZ			EP		2050	49.70								
CAL	BZ			EP		2051	34.48								
BRCH	BZ			EP		2051	01.68								
JMU	BZ			EP		2050	57.58								
JMUI	BZ			EP		2051	32.43								
JOSI	BZ			EP		2051	11.93								
CGRH	BZ			EP		2050	49.38								
AJM	BZ			EP		2050	18.58								
BKNR	BZ			EP		2050	24.78								
BWNR	BZ			EP		2051	34.48								
JASL	BZ			EP		2050	45.97								
JMIU	BZ			EP		2050	41.34								
SALM	BZ			EP		2050	03.80								
PTH	BZ			EP		2051	19.28								
NRLA	BZ			EP		2051	25.40								
NDI	HZ			EP		2051	25.40								
SRGN	BZ			EP		2050	46.64								
SRIN	BZ			EP		2051	00.92								
THN	BZ			EP		2051	07.04								
STMR	BZ			EP		2051	39.68								
UJWA	BZ			EP		2051	19.28								
VAR	BZ			EP		2051	45.80								
VLK	BZ			EP		2051	33.56								
UTK	BZ			EP		2051	13.16								
MERT	BZ			EP		2051	02.96								
KOCH	HZ			EP		2049	29.89								
KNL	HZ			EP	D	2049	40.01								
CHT	HZ			EP		2050	12.40								
MYSR	HZ			EP		2049	59.14								
UDMP	HZ			EP		2050	45.83								

June 18 2023 Hour: 22:17 31.1 Lat: 37.97N Lon: 73.25E D: 10.0F Ag: NCS Regional
Magnitudes: 4.1ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	586	163	EP		2218	50.34	1.06							1.0
UDMP	HN	586	163	ES		2219	47.18	0.84							1.0
UDMP	HE	586	163	IAML		2219	49.65			1674	0.4				
JMU	BZ	594	166	EP		2218	50.18	0.07							1.0
JMU	BN	594	166	ES		2219	47.24	-0.55							1.0
JMU	BN	594	166	IAML		2219	51.58			240	0.3				
THN	BZ	656	158	EP		2218	58.05	0.22							1.0
THN	BN	656	158	ES		2220	00.83	-0.31							1.0
THN	BN	656	158	IAML		2220	05.30			177	0.3				
DHRM	HZ	693	155	EP		2219	03.03	-0.05							1.0
DHRM	HN	693	155	ES		2220	10.57	0.35							1.0
DHRM	HN	693	155	IAML		2220	13.09			262	0.6				
BHK	BE	784	158	ES		2220	27.40	-0.61							1.0
BHK	BE	784	158	IAML		2220	30.27			717	0.3				
SDNR	BZ	788	154	EP		2219	14.26	0.31							1.0
SDNR	BN	788	154	ES		2220	28.35	-0.67							1.0
SDNR	BN	788	154	IAML		2220	32.76			35	0.4				
SMLA	HZ	840	153	EP		2219	20.02	-0.49							1.0
SMLA	HN	840	153	ES		2220	40.24	-0.13							1.0
SMLA	HN	840	153	IAML		2220	44.81			1055	0.2				
UTK	BZ	934	148	EP		2219	32.09	0.10							1.0
UTK	BE	934	148	ES		2221	00.58	0.35							1.0
UTK	BE	934	148	IAML		2221	05.18			78	0.3				
JOSI	BN	1006	143	ES		2221	16.20	0.87							1.0
JOSI	BN	1006	143	IAML		2221	22.29			31	0.4				
MUKT	HZ	1115	146	EP		2219	53.06	-1.03							1.0
MUKT	HE	1115	146	ES		2221	38.96	0.49							1.0
MUKT	HN	1115	146	IAML		2221	42.44			9	0.6				
LGTI	BZ	1142	144	EP		2219	57.65	-0.21							1.0
LGTI	BN	1142	144	ES		2221	44.38	-0.61							1.0
LGTI	BN	1142	144	IAML		2221	47.94			87	0.5				

June 18 2023 Hour: 23:37 16.5 Lat: 23.60N Lon: 94.31E D: 15.0 Ag: NCS Local
Magnitudes: 3.5ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SAIH	SZ	183	228	EP		2337	44.65	-0.26							1.0
SAIH	SN	183	228	ES		2338	05.74	0.13							1.0
SAIH	SN	183	228	IAML		2338	10.93			102	0.5				
KOHI	SZ	236	355	EP		2337	52.10	0.29							1.0
KOHI	SN	236	355	ES		2338	18.04	0.49							1.0
KOHI	SE	236	355	IAML		2338	26.87			1516	0.6				
SHL	HZ	321	313	EP		2338	03.28	1.14							1.0
SHL	HN	321	313	ES		2338	35.97	0.55							1.0
SHL	HN	321	313	IAML		2338	37.07			522	0.2				
ZIRO	SZ	438	354	EP		2338	16.89	0.96							1.0
ZIRO	SE	438	354	ES		2338	58.58	-0.69							1.0
ZIRO	SN	438	354	IAML		2339	01.75			53	0.2				
TURA	SZ	465	298	EP		2338	18.63	-0.70							1.0
TURA	SN	465	298	ES		2339	04.46	-0.70							1.0
TURA	SN	465	298	IAML		2339	07.88			194	0.2				
TAWA	SZ	506	331	EP		2338	23.52	-1.43							1.0
TAWA	SN	506	331	ES		2339	13.99	-0.90							1.0
TAWA	SN	506	331	IAML		2339	16.43			496	0.2				
GTK	SE	707	307	ES		2339	58.12	1.12							1.0
GTK	SN	707	307	IAML		2340	03.31			23	0.2				

June 19 2023 Hour: 1:40 30.3 Lat: 15.45N Lon: 96.07E D: 43.3 Ag: NCS Regional
Magnitudes: 5.6MW NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SAIH	SZ	844	338	EP		0142	17.70	0.42							1.0
IMP	SZ	1062	348	EP		0142	44.73	0.91							1.0
KOHI	SZ	1155	350	EP		0142	56.46	0.73							1.0
SHL	HZ	1198	340	EP		0143	00.67	-0.26							1.0
MOKO	SZ	1214	353	EP		0143	03.99	1.10							1.0
TURA	SZ	1270	332	EP		0143	06.65	-2.61							0.8
ITAN	SZ	1317	350	EP		0143	14.18	-0.89							1.0
ZIRO	SZ	1357	351	EP		0143	19.77	-0.06							1.0
VISK	HZ	1383	282	EP		0143	23.06	0.10							1.0
BOKR	HZ	1411	312	EP		0143	25.38	-1.17							1.0
KNTI	BZ	1411	308	EP		0143	27.49	0.95							1.0
JPG	BZ	1446	329	EP		0143	30.20	-0.55							1.0
JMUI	BZ	1468	317	EP		0143	35.20	1.75							0.9
GTK	SZ	1524	331	EP		0143	42.39	0.03							1.0
MDRS	HZ	1736	263	EP		0144	06.21	-0.87							1.0
VAR	BZ	1743	311	EP		0144	06.61	-1.31							0.9
TPTI	HZ	1786	266	EP		0144	10.80	-1.96							0.9
VLK	BZ	1828	319	EP		0144	17.60	0.00							1.0
HYB	HZ	1883	279	EP		0144	25.11	1.20							1.0
HRYA	BZ	1887	314	EP		0144	25.35	1.10							1.0
JBPL	HZ	1897	299	EP		0144	27.40	2.00							0.9
KNL	HZ	1934	273	EP		0144	29.26	-0.28							1.0
BNDA	BZ	1980	307	EP		0144	35.24	0.62							1.0
ATP	HZ	1983	270	EP		0144	35.44	0.47							1.0
SALM	BZ	1983	260	EP		0144	32.96	-2.06							0.9
LKN	BZ	2010	311	EP		0144	37.10	-0.88							1.0
AURD	HZ	2061	281	EP		0144	44.09	0.85							1.0
KOD	BZ	2099	256	EP		0144	47.43	0.13							1.0
BLRY	HZ	2120	272	EP		0144	50.27	1.27							0.9
JHNI	BZ	2129	304	EP		0144	50.23	0.43							1.0
MYSR	HZ	2133	263	EP		0144	50.46	0.18							1.0
BHPL	HZ	2138	297	EP		0144	50.61	-0.16							1.0
GWAL	HZ	2205	306	EP		0144	56.43	-0.90							1.0
TRVM	HZ	2217	252	EP		0144	58.52	-0.01							0.0
PTH	BZ	2257	317	EP		0145	02.67	-0.32							1.0
PTH	BE	2257	317	ES		0148	50.41	1.05							1.0
PTH	BN	2257	317	IAML		0148	53.95			191	0.8				
MUKT	HZ	2289	315	EP		0145	05.70	-0.12							1.0
MNGI	BZ	2306	266	EP		0145	07.27	0.12							1.0
KAD	BZ	2346	278	EP		0145	12.19	1.10							1.0
KAD	BN	2346	278	ES		0149	05.06	0.78							1.0
KAD	BN	2346	278	IAML		0149	08.90			81	0.9				
JOSI	BZ	2375	318	EP		0145	15.67	1.74							0.9
PWAL	BZ	2386	309	EP		0145	15.14	0.17							1.0
GOA	HZ	2386	273	EP		0145	15.94	0.99							1.0
BISR	BZ	2405	310	EP		0145	17.18	0.40							1.0
MERT	BZ	2406	312	EP		0145	16.36	-0.46							1.0
SONA	BZ	2417	309	EP		0145	17.78	-0.09							1.0
JMIU	BZ	2418	310	EP		0145	17.94	0.02							1.0
JMIU	BN	2418	310	ES		0149	15.98	-0.79							1.0
JMIU	BN	2418	310	IAML		0149	20.16			165	0.2				
LDR	HZ	2424	310	EP		0145	18.33	-0.23							1.0
AYAN	BZ	2426	310	EP		0145	19.38	0.63							1.0
NDI	HZ	2431	310	EP		0145	19.12	-0.08							1.0
NDI	HN	2431	310	ES		0149	17.84	-1.27							0.9
NDI	HN	2431	310	IAML		0149	22.56			26	0.8				
NPL	BZ	2431	310	EP		0145	19.43	0.18							1.0
NRLA	BZ	2446	310	EP		0145	19.53	-1.13							1.0
BHGR	BZ	2455	310	EP		0145	21.35	-0.15							1.0
UTK	BZ	2469	316	EP		0145	23.75	0.71							1.0

UTK	BN	2469	316	ES	0149	24.74-1.36				0.9
UTK	BE	2469	316	IAML	0149	28.94	220	0.2		
DDI	HZ	2470	315	EP	0145	22.23-0.66				1.0
RTK	BZ	2517	310	EP	0145	26.48-0.99				1.0
UDPR	BZ	2544	297	EP	0145	29.86-0.15				1.0
UDPR	BN	2544	297	ES	0149	36.74-0.87				1.0
UDPR	BN	2544	297	IAML	0149	47.74	58	0.9		
HNLY	BZ	2582	321	EP	0145	34.51 0.76				1.0
HNLY	BN	2582	321	ES	0149	44.75 1.33				0.9
HNLY	BE	2582	321	IAML	0150	09.48	1604	3.3		
SMLA	HZ	2591	315	EP	0145	33.29-1.41				0.9
SMLA	HN	2591	315	ES	0149	45.03 0.12				1.0
SMLA	HN	2591	315	IAML	0149	50.76	94	0.2		
SDNR	BZ	2639	316	EP	0145	38.01-0.45				1.0
SDNR	BN	2639	316	ES	0149	51.25-0.28				1.0
SDNR	BN	2639	316	IAML	0150	27.25	188	2.9		
BHK	BZ	2669	315	EP	0145	40.87-0.00				1.0
JODH	HZ	2672	300	EP	0145	41.31 0.12				1.0
BKNR	BZ	2731	304	EP	0145	45.21-0.75				1.0
BKNR	BE	2731	304	ES	0150	05.58 0.81				1.0
BKNR	BE	2731	304	IAML	0150	31.17	904	3.3		
DHRM	HZ	2732	316	EP	0145	47.12 0.30				1.0
SRGN	BZ	2778	309	EP	0145	49.15-0.66				1.0
SRGN	BN	2778	309	ES	0150	12.47 0.97				1.0
SRGN	BN	2778	309	IAML	0150	14.91	4995	0.2		
THN	BZ	2783	316	EP	0145	49.80-0.44				1.0
THN	BN	2783	316	ES	0150	12.34 0.10				1.0
THN	BN	2783	316	IAML	0150	15.09	105	0.5		
ALCI	BZ	2813	321	EP	0145	53.76 0.95				1.0
ALCI	BN	2813	321	ES	0150	16.56-0.17				1.0
ALCI	BN	2813	321	IAML	0150	51.85	1802	6.4		
UDMP	HZ	2866	316	EP	0145	56.36-0.57				1.0
JMU	BZ	2879	316	EP	0145	57.28-0.68				1.0
JASL	BZ	2898	300	EP	0146	00.05 0.42				1.0
SRIN	BZ	2967	318	EP	0146	04.26-0.92				1.0

June 19 2023 Hour: 4:19 0.8 Lat: 38.12N Lon: 73.77E D:160.4 Ag: NCS Local
Magnitudes: 4.4ML NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BN	531	144	ES		0421	02.65-0.11								1.0
ALCI	BN	531	144	IAML		0421	07.45			314	0.5				
UDMP	HZ	591	168	EP		0420	18.32 0.23								1.0
UDMP	HN	591	168	ES		0421	13.93-0.57								1.0
UDMP	HN	591	168	IAML		0421	21.06			3495	0.2				
JMU	BN	600	170	EP		0420	20.38 1.19								1.0
JMU	BE	600	170	ES		0421	16.28-0.12								1.0
JMU	BN	600	170	IAML		0421	23.68			667	0.6				
THN	BZ	657	163	EP		0420	26.19 0.23								1.0
THN	BN	657	163	ES		0421	28.26 0.15								1.0
THN	BN	657	163	IAML		0421	33.69			2772	0.5				
DHRM	HZ	691	160	EP		0420	30.41-0.36								1.0
DHRM	HN	691	160	ES		0421	36.51 0.08								1.0
DHRM	HN	691	160	IAML		0421	42.99			506	0.4				
HNLY	BZ	758	140	EP		0420	37.70-0.39								1.0
HNLY	BN	758	140	ES		0421	48.69-0.41								1.0
BHK	BZ	784	161	EP		0420	40.09-0.90								1.0
BHK	BN	784	161	ES		0421	54.50 0.39								1.0
SDNR	BZ	785	158	EP		0420	41.85 0.68								1.0
SDNR	BN	785	158	ES		0421	54.52 0.09								1.0
SDNR	BN	785	158	IAML		0421	59.42			91	0.3				
SMLA	HZ	836	157	EP		0420	47.13-0.42								1.0
SMLA	HN	836	157	ES		0422	05.72 0.25								1.0
SMLA	HN	836	157	IAML		0422	09.73			145	0.4				
UTK	BZ	925	151	EP		0420	58.14-0.07								1.0

UTK	BE	925	151	ES	0422	23.72-0.19										1.0
UTK	BE	925	151	IAML	0422	27.66			261	0.8						
JOSI	BN	993	146	ES	0422	38.77	0.88									1.0
JOSI	BN	993	146	IAML	0422	45.75			67	0.3						
NPL	BZ	1098	162	EP	0421	18.53-0.14										1.0
NPL	BN	1098	162	ES	0422	58.88-0.42										1.0
MUKT	HN	1104	149	ES	0423	01.30	0.17									1.0
KUDL	HE	1135	166	ES	0423	07.00-0.03										1.0
KUDL	HN	1135	166	IAML	0423	10.51			32	0.4						
AJM	BN	1299	176	ES	0423	41.03-0.19										1.0
AJM	BN	1299	176	IAML	0423	44.07			215	0.4						

June 19 2023 Hour: 8:41 21.0 Lat: 25.05N Lon: 96.50E D: 7.4 Ag: NCS Local
Magnitudes: 3.6ML NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MOKO	SZ	244	306	EP		0841	58.88	0.78							1.0
MOKO	SE	244	306	ES		0842	25.23	0.03							1.0
MOKO	SN	244	306	IAML		0842	29.86			447	0.5				
KOHI	SZ	252	288	EP		0841	59.31	0.17							1.0
KOHI	SN	252	288	ES		0842	27.42	0.42							1.0
KOHI	SN	252	288	IAML		0842	33.58			235	0.5				
IMP	SZ	259	265	EP		0841	59.78	0.29							1.0
IMP	SN	259	265	ES		0842	27.58-0.04								1.0
IMP	SN	259	265	IAML		0842	33.43			664	0.4				
HAUL	HZ	336	0	EP		0842	08.62-0.19								1.0
ITAN	SZ	362	310	EP		0842	11.95-0.15								1.0
ITAN	SN	362	310	ES		0842	49.82	0.40							1.0
ITAN	SN	362	310	IAML		0842	51.02			377	0.5				
CMPI	HZ	367	243	EP		0842	14.08	1.20							1.0
ZIRO	SZ	381	317	EP		0842	14.56	0.16							1.0
ZIRO	SE	381	317	ES		0842	53.47	0.06							1.0
ZIRO	SN	381	317	IAML		0842	54.83			673	0.3				
SAIH	SZ	457	232	EP		0842	24.30	0.60							1.0
SAIH	SN	457	232	ES		0843	08.74-0.75								1.0
SAIH	SN	457	232	IAML		0843	12.40			147	0.4				
SHL	HZ	458	278	EP		0842	24.02-0.24								1.0
SHL	HN	458	278	ES		0843	10.64	0.17							1.0
SHL	HN	458	278	IAML		0843	16.78			268	0.3				
GUWA	SZ	499	286	EP		0842	27.50-1.30								1.0
GUWA	SN	499	286	ES		0843	18.30-0.02								1.0
TAWA	SZ	542	302	EP		0842	33.90-0.76								1.0
TAWA	SN	542	302	ES		0843	28.33-0.13								1.0
TAWA	SN	542	302	IAML		0843	30.69			183	0.4				
TURA	SZ	634	276	EP		0842	44.76-0.56								1.0
TURA	SN	634	276	ES		0843	46.74-0.15								1.0
TURA	SN	634	276	IAML		0843	54.26			49	0.4				

June 19 2023 Hour: 11:36 51.9 Lat: 15.34N Lon: 96.68E D: 10.0F Ag: NCS Regional
Magnitudes: 4.6ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DGPR	HN	470	240	EP		1137	53.40-0.66								1.0
DGPR	HE	470	240	ES		1138	39.82	0.95							1.0
DGPR	HN	470	240	IAML		1138	52.17			470	0.6				
SAIH	SZ	882	334	EP		1138	42.86-0.65								1.0
SAIH	SN	882	334	ES		*1140	08.64	3.67							0.0
KOHI	SZ	1180	347	EP		1139	20.66	0.74							1.0
KOHI	SN	1180	347	ES		*1141	16.80	8.84							0.0
SHL	HZ	1234	337	EP		1139	25.72-0.58								1.0
ZIRO	SZ	1381	348	EP		1139	45.04	1.44							0.9
TAWA	SZ	1446	341	EP		1139	51.76-0.27								1.0
VISK	HZ	1449	282	EP		1139	50.74-1.01								1.0
VISK	HE	1449	282	ES		1142	03.19	0.17							1.0
VISK	HN	1449	282	IAML		1142	06.23			284	0.7				
GTK	SZ	1568	329	EP		1140	07.53	0.02							1.0

GTK	SN	1568	329	ES		1142	43.63	0.01									1.0
GTK	SN	1568	329	IAML		1142	44.71			217	0.1						

June 19 2023 Hour: 23: 9 58.7 Lat: 29.47N Lon: 80.93E D: 3.0 Ag: NCS Local
Magnitudes: 3.5ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PTH	BZ	72	281	EP		2310	11.04	-0.70							1.0
PTH	BN	72	281	ES		2310	20.08	-1.18							1.0
PTH	BE	72	281	IAML		2310	21.96			1018	0.2				
LGTI	BZ	82	265	EP		2310	13.79	0.10							1.0
LGTI	BN	82	265	ES		2310	25.43	0.78							1.0
LGTI	BN	82	265	IAML		2310	28.19			4269	0.2				
MUKT	HZ	124	270	EP		2310	20.91	0.43							1.0
MUKT	HN	124	270	ES		2310	36.80	0.42							1.0
MUKT	HN	124	270	IAML		2310	39.83			834	0.1				
JOSI	BZ	179	313	EP		2310	28.00	-0.15							1.0
JOSI	BN	179	313	ES		2310	48.81	-0.85							1.0
JOSI	BN	179	313	IAML		2310	51.45			1002	0.3				
UTK	BZ	277	301	EP		2310	41.11	0.87							1.0
UTK	BE	277	301	ES		2311	11.39	0.83							1.0
UTK	BE	277	301	IAML		2311	19.66			799	0.5				
DDI	HN	293	290	ES		2311	15.32	1.83							1.0
JMIU	BE	369	255	ES		2311	29.71	0.21							1.0
NDI	HN	372	257	ES		2311	29.43	-0.75							1.0
NPL	BZ	378	257	EP		2310	51.74	-0.46							1.0
NPL	BN	378	257	ES		2311	31.70	0.43							1.0
NPL	BN	378	257	IAML		2311	33.85			252	0.3				
AYAN	BN	386	255	EP		2310	53.43	0.10							1.0
AYAN	BE	386	255	ES		2311	32.42	-0.80							1.0
AYAN	BN	386	255	IAML		2311	36.14			59	0.4				
SONA	BZ	401	251	EP		2310	54.55	-0.51							1.0
SONA	BE	401	251	ES		2311	36.26	0.05							1.0
SONA	BN	401	251	IAML		2311	39.17			669	0.2				
SMLA	HZ	405	298	EP		2310	56.25	0.36							1.0
SMLA	HN	405	298	ES		2311	36.75	-0.89							1.0
SMLA	HE	405	298	IAML		2311	40.41			61	0.3				
SDNR	BZ	449	302	EP		2311	01.37	0.37							1.0
SDNR	BE	449	302	ES		2311	45.96	-0.52							1.0
SDNR	BE	449	302	IAML		2311	48.74			397	0.2				
JHNI	BZ	500	208	EP		2311	07.17	0.05							1.0
DHRM	HZ	539	306	EP		2311	12.45	-0.22							1.0
DHRM	HN	539	306	ES		2312	04.51	-2.16							1.0
DHRM	HN	539	306	IAML		2312	08.44			59	0.5				
THN	BN	590	305	ES		2312	17.21	0.92							1.0
UDMP	HN	672	306	ES		2312	34.98	1.42							1.0

June 20 2023 Hour: 6:14 23.3 Lat: 34.82N Lon: 69.08E D: 10.0F Ag: NCS Local
Magnitudes: 4.2ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BN	578	111	ES		0616	37.16	0.51							1.0
UDMP	HZ	597	109	EP		0615	43.67	0.89							1.0
UDMP	HN	597	109	ES		0616	40.42	-0.38							1.0
UDMP	HE	597	109	IAML		0616	43.49			1106	0.3				
THN	BZ	677	111	EP		0615	52.64	0.12							1.0
THN	BN	677	111	ES		0616	59.03	1.39							1.0
THN	BN	677	111	IAML		0617	00.21			933	0.3				
DHRM	HZ	729	111	EP		0615	59.33	-0.23							1.0
DHRM	HN	729	111	ES		0617	09.61	-0.21							1.0
DHRM	HN	729	111	IAML		0617	12.04			168	0.5				
BHK	BE	779	117	ES		0617	19.48	0.26							1.0
SDNR	BZ	815	114	EP		0616	09.64	0.25							1.0
SDNR	BN	815	114	ES		0617	26.56	-0.28							1.0
SDNR	BE	815	114	IAML		0617	28.46			42	0.3				
SMLA	HZ	859	116	EP		0616	14.33	-0.71							1.0

SMLA	HN	859	116	ES	0617	35.42-1.19										1.0
SMLA	HN	859	116	IAML	0617	39.31		70	0.4							
KLP	BZ	929	110	EP	0616	19.75-4.14										0.0
HNLY	BZ	943	101	EP	0616	24.61-0.51										1.0
HNLY	BE	943	101	ES	0617	54.83 0.78										1.0
HNLY	BN	943	101	IAML	0618	02.02		85	0.3							
UTK	BE	986	115	ES	0618	02.31-1.11										1.0
UTK	BN	986	115	IAML	0618	04.69		568	0.4							
AJM	BN	1071	149	ES	0618	21.35 0.46										1.0
AJM	BN	1071	149	IAML	0618	26.64		104	0.6							
MUKT	HZ	1160	118	EP	0616	51.79 0.00										1.0
PTH	BZ	1197	116	EP	0616	56.56-0.05										1.0

June 20 2023 Hour: 20:18 47.9 Lat: 27.99N Lon: 87.83E D: 24.8 Ag: NCS Local
Magnitudes: 4.1ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GTK	SN	106	134	EP		2019	07.20	0.85							1.0
GTK	SN	106	134	ES		2019	20.28	0.49							1.0
GTK	SN	106	134	IAML		2019	21.47			35927	0.3				
JMUI	BZ	375	206	EP		2019	39.05	0.46							1.0
TAWA	SZ	400	95	EP		2019	43.03	0.66							1.0
SHL	HN	493	122	EP		2019	52.85-0.69								1.0
SHL	HE	493	122	ES		2020	40.56-0.86								1.0
SHL	HN	493	122	IAML		2020	42.61			151	0.3				
BOKR	HZ	504	203	EP		2019	54.95 0.51								1.0
BOKR	HN	504	203	ES		2020	42.19-0.79								1.0
BOKR	HN	504	203	IAML		2020	46.00			324	0.3				
ZIRO	SZ	596	94	EP		2020	05.42-0.14								1.0
ZIRO	SN	596	94	ES		2021	01.08-1.15								1.0
ZIRO	SN	596	94	IAML		2021	05.47			527	0.4				
CMPI	HZ	742	131	EP		2020	24.06 0.46								1.0
CMPI	HE	742	131	ES		2021	34.67 1.24								1.0
CMPI	HN	742	131	IAML		2021	44.29			399	0.4				
SAIH	SZ	801	138	EP		2020	31.18 0.54								1.0
SAIH	SN	801	138	ES		2021	45.55-0.07								1.0
SAIH	SN	801	138	IAML		2021	50.76			873	0.7				
MUKT	HZ	815	283	EP		2020	32.64-0.04								1.0
MUKT	HN	815	283	ES		2021	49.08-0.06								1.0
MUKT	HE	815	283	IAML		2021	54.22			42	0.3				
JBPL	HZ	953	238	EP		2020	47.81-1.39								1.0
JBPL	HN	953	238	ES		2022	17.53-0.19								1.0
JBPL	HN	953	238	IAML		2022	22.57			67	0.2				
SMLA	HZ	1089	291	EP		2021	05.47-0.62								1.0
SMLA	HN	1089	291	ES		2022	47.63 0.70								1.0
SMLA	HN	1089	291	IAML		2022	53.52			34	0.5				
JGDP	HZ	1150	212	EP		2021	12.86-0.43								1.0
JGDP	HE	1150	212	ES		2022	59.83 0.43								1.0
JGDP	HE	1150	212	IAML		2023	03.47			78	0.3				
BHK	BE	1170	292	ES		2023	03.52 0.00								1.0
DHRM	HZ	1206	296	EP		2021	19.92-0.90								1.0
DHRM	HN	1206	296	ES		2023	14.23 1.81								1.0
DHRM	HN	1206	296	IAML		2023	20.43			26	0.6				
AJM	BZ	1319	265	EP		2021	32.78-1.10								1.0
AJM	BN	1319	265	ES		2023	35.28 0.27								1.0
AJM	BN	1319	265	IAML		2023	39.95			20	0.3				

June 20 2023 Hour: 20:24 21.0 Lat: 25.79N Lon: 95.58E D: 10.0F Ag: NCS Local
Magnitudes: 3.7ML NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ZIRO	SZ	258	319	EP		2024	59.56	0.49							1.0
ZIRO	SN	258	319	ES		2025	27.32	0.46							1.0
ZIRO	SN	258	319	IAML		2025	31.50			982	0.4				
CMPI	HZ	342	223	EP		2025	09.55-0.03								1.0
CMPI	HE	342	223	ES		2025	46.14 1.11								1.0

CMPI	HN	342	223	IAML	2025	53.26		300	0.6	
SHL	HZ	361	267	EP	2025	12.14	0.01			1.0
SHL	HN	361	267	ES	2025	49.71	0.27			1.0
SHL	HN	361	267	IAML	2025	53.05		255	0.2	
TAWA	SZ	420	299	EP	2025	19.50	0.01			1.0
TAWA	SN	420	299	ES	2026	02.06	-0.11			1.0
TAWA	SN	420	299	IAML	2026	05.96		541	0.2	
SAIH	SZ	450	216	EP	2025	22.22	-0.39			1.0
SAIH	SN	450	216	ES	2026	07.58	-0.00			1.0
SAIH	SN	450	216	IAML	2026	11.42		150	0.9	
GTK	SN	715	285	ES	2027	04.06	-0.26			1.0
BOKR	HZ	1004	259	EP	2026	29.03	-1.20			1.0
BOKR	HN	1004	259	ES	2028	04.21	-0.35			1.0
BOKR	HN	1004	259	IAML	2028	09.81		41	0.4	

June 21 2023 Hour: 1:55 1.5				Lat: 36.54N Lon: 70.48E D: 95.7			Ag: NCS Local								
Magnitudes: 4.5ML NCS				Rms: 0.9 secs											
STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BN	481	124	ES		0156	49.87	-0.79							1.0
SRIN	BE	481	124	IAML		0156	56.33			3158	0.3				
JMU	BZ	577	135	EP		0156	16.21	0.00							1.0
JMU	BE	577	135	ES		0157	10.61	-0.15							1.0
JMU	BN	577	135	IAML		0157	17.86			985	0.5				
UDMP	HZ	585	132	EP		0156	17.16	-0.11							1.0
UDMP	HN	585	132	ES		0157	13.10	0.50							1.0
ALCI	BE	662	111	ES		0157	30.01	1.04							1.0
THN	BZ	668	131	EP		0156	27.11	-0.18							1.0
THN	BN	668	131	ES		0157	31.21	1.28							1.0
THN	BN	668	131	IAML		0157	34.08			577	0.3				
DHRM	HN	717	130	EP		0156	33.60	-0.29							1.0
DHRM	HN	717	130	ES		0157	41.65	0.30							1.0
DHRM	HN	717	130	IAML		0157	44.38			1620	0.5				
BHK	BZ	789	135	EP		0156	41.85	-0.01							1.0
BHK	BE	789	135	ES		0157	56.33	1.18							1.0
BHK	BE	789	135	IAML		0157	59.99			442	0.4				
SRGN	BN	799	156	ES		0157	55.85	-1.47							1.0
SDNR	BZ	812	131	EP		0156	45.12	0.42							1.0
SDNR	BN	812	131	ES		0157	59.70	-0.36							1.0
SDNR	BN	812	131	IAML		0158	02.69			220	0.5				
SMLA	HN	862	132	EP		0156	51.03	0.06							1.0
SMLA	HN	862	132	ES		0158	11.25	0.35							1.0
SMLA	HN	862	132	IAML		0158	12.63			299	0.3				
HNLY	BZ	883	116	EP		0156	54.08	0.73							1.0
HNLY	BN	883	116	ES		0158	11.77	-3.24							1.0
HNLY	BN	883	116	IAML		0158	20.25			289	0.6				
UTK	BZ	980	129	EP		0157	05.65	0.55							1.0
UTK	BE	980	129	ES		0158	34.88	-0.46							1.0
UTK	BE	980	129	IAML		0158	37.94			458	0.4				
DDI	HN	985	132	ES		0158	36.45	0.43							1.0
JOSI	BN	1072	126	ES		0158	54.60	0.15							1.0
NDI	HZ	1075	142	EP		0157	15.89	-0.44							1.0
NDI	HN	1075	142	ES		0158	54.25	-0.53							1.0
NDI	HN	1075	142	IAML		0158	58.78			71	0.6				
MUKT	HE	1162	130	ES		0159	14.17	0.78							1.0
MUKT	HE	1162	130	IAML		0159	17.75			95	0.5				
AJM	BZ	1188	159	EP		0157	29.58	-0.42							1.0
AJM	BN	1188	159	ES		0159	19.10	0.68							1.0
AJM	BN	1188	159	IAML		0159	24.88			297	0.5				

June 21 2023 Hour: 2:47 20.0 Lat: 15.45N Lon: 96.53E D: 26.2 Ag: NCS Regional
Magnitudes: 4.6ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DGPR	HZ	462	238	EP		0248	21.09	-0.11							1.0
SAIH	SZ	864	335	EP		0249	11.45	1.09							1.0
SAIH	SN	864	335	ES		0250	30.67	-0.23							1.0
SAIH	SN	864	335	IAML		0250	40.16			66	1.0				
CMPI	HZ	953	340	EP		0249	20.66	-0.69							1.0
IMP	SZ	1073	346	EP		0249	35.51	-0.34							1.0
KOHI	SZ	1165	348	EP		0249	48.65	1.08							1.0
KOHI	SN	1165	348	ES		0251	36.19	0.92							1.0
KOHI	SN	1165	348	IAML		0251	54.21			463	0.7				
SHL	HZ	1216	338	EP		0249	53.40	-0.39							1.0
SHL	HN	1216	338	ES		0251	44.67	-1.35							0.9
SHL	HN	1216	338	IAML		0251	52.60			176	0.7				
MOKO	SZ	1222	350	EP		0249	53.64	-0.83							1.0
BWNR	BZ	1253	297	EP		0249	58.01	0.25							1.0
BWNR	BN	1253	297	ES		0251	52.76	-0.14							1.0
BWNR	BN	1253	297	IAML		0251	55.01			234	0.2				
TAWA	SZ	1429	341	EP		0250	20.34	0.41							1.0
RAGD	BZ	1451	289	EP		0250	21.02	-0.94							1.0
RAGD	BE	1451	289	ES		0252	35.46	0.69							1.0
RAGD	BN	1451	289	IAML		0252	41.09			83	0.5				
GTK	SZ	1549	329	EP		0250	36.69	0.56							1.0

June 21 2023 Hour: 18:12 6.6 Lat: 23.65N Lon: 94.80E D: 30.7 Ag: NCS Regional
Magnitudes: 3.5ML NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMPI	HN	153	264	EP		1812	30.88	0.98							1.0
CMPI	HE	153	264	ES		1812	47.36	0.46							1.0
CMPI	HN	153	264	IAML		1812	51.02			194	0.4				
SAIH	SZ	226	236	EP		1812	37.75	-0.85							1.0
SAIH	SN	226	236	ES		1813	01.91	-0.04							1.0
SAIH	SN	226	236	IAML		1813	02.90			65	0.3				
KOHI	SN	240	343	EP		1812	41.51	0.67							1.0
KOHI	SN	240	343	ES		1813	05.77	-0.05							1.0
KOHI	SN	240	343	IAML		1813	10.41			54	0.7				
SHL	HZ	356	307	EP		1812	54.53	-0.36							1.0
SHL	HN	356	307	ES		1813	29.70	-0.43							1.0
SHL	HN	356	307	IAML		1813	32.69			1876	0.3				
ZIRO	SZ	441	348	EP		1813	04.58	-0.19							1.0
ZIRO	SE	441	348	ES		1813	47.52	0.30							1.0
ZIRO	SE	441	348	IAML		1813	49.18			57	0.5				
TAWA	SZ	528	327	EP		1813	15.80	-0.25							1.0
TAWA	SN	528	327	ES		1814	06.51	-0.23							1.0
TAWA	SE	528	327	IAML		1814	10.18			5751	0.2				

June 21 2023 Hour: 18:26 19.9 Lat: 14.31N Lon: 95.43E D: 25.0F Ag: NCS Local
Magnitudes: 4.3ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DGPR	HN	298	245	EP		1827	00.72	0.07							1.0
DGPR	HN	298	245	ES		1827	30.06	-0.35							1.0
DGPR	HN	298	245	IAML		1827	32.26			329	0.8				
SAIH	SZ	941	344	EP		1828	19.69	0.79							1.0
SAIH	SN	941	344	ES		1829	45.89	0.10							1.0
SAIH	SN	941	344	IAML		1829	49.01			48	1.1				
CMPI	HZ	1041	348	EP		1828	32.74	1.69							1.0
CMPI	HN	1041	348	ES		1830	07.09	0.27							1.0
CMPI	HN	1041	348	IAML		1830	12.80			235	0.6				
KOHI	SZ	1271	354	EP		1828	59.03	-0.02							1.0
KOHI	SE	1271	354	ES		1830	54.79	-0.46							1.0
KOHI	SN	1271	354	IAML		1831	09.79			344	0.6				
ZIRO	SZ	1472	354	EP		1829	22.33	-0.53							1.0

ZIRO	SE	1472	354	ES	1831	35.69-0.75										1.0
ZIRO	SN	1472	354	IAML	1831	40.04		53	0.6							
TAWA	SZ	1516	346	EP	1829	28.35-0.47										1.0
TAWA	SN	1516	346	ES	1831	46.13-0.63										1.0
TAWA	SN	1516	346	IAML	1831	47.90		29	0.3							
GTK	SZ	1605	335	EP	1829	38.60-0.77										0.9
GTK	SN	1605	335	ES	1832	06.10	1.09									0.9

June 21 2023 Hour: 21:22 7.2 Lat: 15.25N Lon: 96.70E D: 10.0F Ag: NCS Local
Magnitudes: 4.1ML NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DGPR	HZ	467	241	EP		2123	10.88	0.14							1.0
SAIH	SZ	891	335	EP		2124	01.81-0.81								1.0
SAIH	SN	891	335	ES		2125	27.35	0.45							1.0
SAIH	SN	891	335	IAML		2125	29.25			32	1.2				
CMPI	HZ	979	339	EP		2124	14.41	0.90							1.0
CMPI	HE	979	339	ES		2125	45.69-0.06								1.0
CMPI	HE	979	339	IAML		2125	54.38			180	0.6				
KOHI	SZ	1190	347	EP		2124	39.88	0.35							1.0
KOHI	SN	1190	347	ES		2126	30.96	0.20							1.0
KOHI	SN	1190	347	IAML		2126	47.36			151	1.2				
TURA	SZ	1322	330	EP		2124	54.68-0.45								1.0
TAWA	SZ	1455	341	EP		2125	11.69-0.37								1.0
TAWA	SE	1455	341	ES		2127	26.67-0.37								1.0
TAWA	SE	1455	341	IAML		2127	30.46			14	0.5				

June 21 2023 Hour: 21:57 38.9 Lat: 37.43N Lon: 72.14E D: 10.0F Ag: NCS Regional
Magnitudes: 3.5ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	570	151	EP		2158	56.44	0.13							1.0
UDMP	HN	570	151	ES		2159	52.92	0.11							1.0
UDMP	HE	570	151	IAML		2159	57.23			701	0.2				
THN	BN	647	148	ES		2200	08.66-0.42								1.0
THN	BN	647	148	IAML		2200	13.91			22	0.2				
DHRM	HN	690	145	ES		2200	19.95	0.59							1.0
DHRM	HN	690	145	IAML		2200	24.35			464	0.3				
SDNR	BN	787	145	ES		2200	39.33	0.73							1.0
SDNR	BN	787	145	IAML		2200	40.94			10	0.3				
SMLA	HZ	839	145	EP		2159	28.35-1.00								1.0
SMLA	HE	839	145	ES		2200	48.96-1.01								1.0
SMLA	HN	839	145	IAML		2200	53.75			11	0.4				
DHRM	HZ			EP		2159	12.63								

June 22 2023 Hour: 0:12 58.0 Lat: 15.35N Lon: 96.26E D: 10.0 Ag: NCS Local
Magnitudes: 4.4ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DGPR	HZ	433	237	EP		0013	57.39	0.05							1.0
SAIH	SZ	862	337	EP		0014	49.80-0.05								1.0
SAIH	SN	862	337	ES		0016	14.50	3.00							1.0
SAIH	SN	862	337	IAML		0016	17.60			92	1.2				
CMPI	HZ	953	341	EP		0015	00.60-0.54								1.0
CMPI	HN	953	341	ES		0016	30.96-0.07								1.0
CMPI	HN	953	341	IAML		0016	39.89			187	0.6				
KOHI	SZ	1170	349	EP		0015	28.79	0.92							1.0
KOHI	SN	1170	349	ES		0017	17.12-0.16								1.0
KOHI	SE	1170	349	IAML		0017	26.05			247	0.6				
SHL	HZ	1215	339	EP		0015	33.53	0.09							1.0
SHL	HE	1215	339	ES		0017	25.69-1.22								1.0
SHL	HE	1215	339	IAML		0017	26.24			125	0.2				
VISK	HZ	1405	283	EP		0015	56.34	0.27							1.0
VISK	HN	1405	283	ES		0018	05.88-0.19								1.0
VISK	HE	1405	283	IAML		0018	12.08			89	0.8				
TAWA	SZ	1430	342	EP		0015	59.53-0.25								1.0
TAWA	SE	1430	342	ES		0018	11.35-1.13								1.0

TAWA	SN	1430	342	IAML	0018	14.16			18	0.4					
BOKR	HZ	1434	312	EP	0015	59.90	0.22								1.0
BOKR	HE	1434	312	ES	0018	12.01	-0.30								1.0
BOKR	HE	1434	312	IAML	0018	20.96			87	0.9					
GTK	SZ	1544	330	EP	0016	12.87	-0.74								1.0
GTK	SN	1544	330	ES	0018	36.48	0.08								1.0
GTK	SN	1544	330	IAML	0018	40.95			236	0.2					

June 22 2023 Hour: 6:47 39.1 Lat: 24.98N Lon: 94.12E D: 30.9 Ag: NCS Local
Magnitudes: 3.5ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IMP	SZ	24	227	EP		0647	45.86	0.21							1.0
IMP	SE	24	227	ES		0647	51.39	0.99							1.0
IMP	SE	24	227	IAML		0647	55.44			707	0.2				
KOHI	SZ	82	359	EP		0647	53.08	-0.92							1.0
KOHI	SN	82	359	ES		0648	04.58	-0.27							1.0
KOHI	SN	82	359	IAML		0648	08.03			3921	0.4				
SILR	SZ	135	261	EP		0648	00.71	0.79							1.0
MOKO	SZ	154	15	EP		0648	02.46	-0.25							1.0
MOKO	SN	154	15	ES		0648	19.80	-0.12							1.0
MOKO	SE	154	15	IAML		0648	24.26			1274	0.2				
CMPI	HZ	184	207	EP		0648	06.50	0.35							1.0
CMPI	HE	184	207	ES		0648	25.27	-0.60							1.0
CMPI	HE	184	207	IAML		0648	28.99			330	0.2				
SHL	HZ	224	287	EP		0648	11.31	-0.05							1.0
SHL	HN	224	287	ES		0648	35.64	0.76							1.0
ZIRO	SZ	283	355	EP		0648	18.08	-0.01							1.0
ZIRO	SE	283	355	ES		0648	47.56	1.03							1.0
ZIRO	SE	283	355	IAML		0648	48.49			446	0.6				
SAIH	SZ	299	203	EP		0648	19.33	-0.73							1.0
SAIH	SN	299	203	ES		0648	50.49	0.56							1.0
SAIH	SN	299	203	IAML		0648	54.27			47	0.4				
TAWA	SZ	367	323	EP		0648	28.77	-0.16							1.0
TAWA	SE	367	323	ES		0649	05.43	0.15							1.0
TAWA	SE	367	323	IAML		0649	08.46			845	0.2				
TURA	SZ	397	279	EP		0648	31.14	-0.83							1.0
TURA	SN	397	279	ES		0649	09.57	-0.97							1.0
TURA	SE	397	279	IAML		0649	12.68			177	0.2				
HAUL	HZ	419	34	EP		0648	32.84	-1.77							1.0
HAUL	HN	419	34	ES		0649	16.93	1.82							1.0
HAUL	HE	419	34	IAML		0649	18.50			1619	0.4				

June 22 2023 Hour: 12:22 41.4 Lat: 29.24N Lon: 81.31E D: 5.0F Ag: NCS Local
Magnitudes: 3.3ML NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PTH	BZ	114	290	EP		1223	01.61	-0.14							1.0
PTH	BN	114	290	ES		1223	15.95	-0.63							1.0
PTH	BN	114	290	IAML		1223	20.32			157	0.2				
LGTI	BZ	120	279	EP		1223	03.15	0.21							1.0
LGTI	BN	120	279	ES		1223	18.29	-0.35							1.0
LGTI	BN	120	279	IAML		1223	22.98			1167	0.2				
MUKT	HZ	162	279	EP		1223	08.51	-0.23							1.0
MUKT	HN	162	279	ES		1223	29.67	1.00							1.0
MUKT	HE	162	279	IAML		1223	32.07			132	0.3				
JOSI	BZ	223	311	EP		1223	15.86	-0.16							1.0
JOSI	BN	223	311	ES		1223	41.51	0.25							1.0
JOSI	BN	223	311	IAML		1223	49.58			151	0.4				
UTK	BE	322	302	ES		1224	03.12	0.89							1.0
UTK	BE	322	302	IAML		1224	07.28			458	0.3				
SMLA	HZ	450	299	EP		1223	43.10	-0.66							1.0
SMLA	HE	450	299	ES		1224	29.43	0.17							1.0
SMLA	HN	450	299	IAML		1224	31.88			101	0.3				
DHRM	HN	583	306	ES		1224	58.00	-0.35							1.0
DHRM	HE	583	306	IAML		1225	01.19			142	0.2				

June 22 2023 Hour: 18:36 31.7 Lat: 36.45N Lon: 70.69E D:200.0F Ag: NCS Local
Magnitudes: 4.2ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	556	136	EP		1837	46.42	0.35							1.0
JMU	BN	556	136	ES		1838	40.70	0.34							1.0
JMU	BN	556	136	IAML		1838	45.42			339	0.7				
UDMP	HN	565	133	EP		1837	47.98	0.93							1.0
UDMP	HN	565	133	ES		1838	42.12	0.07							1.0
THN	BZ	647	132	EP		1837	56.33	-0.31							1.0
THN	BN	647	132	ES		1838	57.91	-0.74							1.0
THN	BN	647	132	IAML		1839	01.25			131	0.2				
DHRM	HZ	696	130	EP		1838	03.24	0.18							1.0
DHRM	HN	696	130	ES		1839	09.14	-0.62							1.0
DHRM	HN	696	130	IAML		1839	12.65			401	0.7				
BHK	BZ	768	135	EP		1838	09.94	-0.95							1.0
BHK	BN	768	135	ES		1839	24.21	0.91							1.0
BHK	BN	768	135	IAML		1839	26.22			91	0.6				
SDNR	BZ	791	132	EP		1838	13.56	-0.07							1.0
SDNR	BN	791	132	ES		1839	28.35	0.31							1.0
SDNR	BN	791	132	IAML		1839	30.09			48	0.2				
SMLA	HZ	841	133	EP		1838	20.23	0.43							1.0
SMLA	HN	841	133	ES		1839	38.99	0.28							1.0
SMLA	HN	841	133	IAML		1839	41.30			672	0.2				
UTK	BN	959	129	ES		1840	03.32	0.56							1.0
UTK	BN	959	129	IAML		1840	06.76			990	0.4				
JOSI	BN	1051	126	ES		1840	21.94	0.33							1.0
MUKT	HZ	1141	130	EP		1838	54.92	-0.57							1.0
MUKT	HE	1141	130	ES		1840	40.25	-0.20							1.0
MUKT	HE	1141	130	IAML		1840	44.37			130	0.3				
AJM	BE	1172	160	ES		1840	46.29	-0.19							1.0
AJM	BE	1172	160	IAML		1840	52.68			78	0.2				
LGTI	BE	1175	129	ES		1840	47.30	-1.04							1.0

June 23 2023 Hour: 17:57 52.5 Lat: 29.74N Lon: 80.70E D: 5.0F Ag: NCS Local
Magnitudes: 2.9ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PTH	BZ	51	250	EP		1758	02.02	0.10							1.0
PTH	BE	51	250	ES		1758	08.96	0.12							1.0
PTH	BE	51	250	IAML		1758	10.02			528	0.1				
LGTI	BZ	70	237	EP		1758	06.17	0.75							1.0
LGTI	BN	70	237	ES		1758	14.65	-0.25							1.0
LGTI	BE	70	237	IAML		1758	17.01			121	0.1				
MUKT	HZ	106	253	EP		1758	11.30	0.16							1.0
MUKT	HE	106	253	ES		1758	23.97	-0.81							1.0
MUKT	HE	106	253	IAML		1758	26.83			622	0.3				
JOSI	BZ	142	310	EP		1758	16.87	-0.26							1.0
JOSI	BE	142	310	ES		1758	33.87	-1.27							1.0
JOSI	BN	142	310	IAML		1758	36.98			163	0.2				
UTK	BN	243	297	ES		1758	58.30	1.73							1.0
UTK	BE	243	297	IAML		1759	03.55			211	0.4				
SMLA	HZ	372	295	EP		1758	44.42	-0.84							1.0
SMLA	HE	372	295	ES		1759	24.37	0.57							1.0
SMLA	HN	372	295	IAML		1759	28.09			110	0.3				

June 23 2023 Hour: 22:27 39.8 Lat: 29.18N Lon: 76.36E D: 16.0 Ag: NCS Local
Magnitudes: 3.3ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RTK	BZ	17	161	EP		2227	44.10	0.20							1.0
RTK	BN	17	161	ES		2227	47.36	0.50							1.0
JHJR	BZ	69	156	EP		2227	52.17	0.10							1.0
JHJR	BE	69	156	ES		2228	00.86	-0.14							1.0
JHJR	BN	69	156	IAML		2228	02.67			2219	0.1				
NRLA	BZ	84	121	EP		2227	53.73	-0.85							1.0

NRLA	BN	84	121	ES	2228	06.08	0.74									1.0
NRLA	BN	84	121	IAML	2228	06.94		1226	0.1							
UJWA	BN	86	142	EP	2227	53.88	-1.04									1.0
UJWA	BN	86	142	ES	2228	06.38	0.46									1.0
UJWA	BN	86	142	IAML	2228	08.26		1902	0.2							
NPL	BZ	99	127	EP	2227	56.80	-0.11									1.0
NPL	BN	99	127	ES	2228	09.68	0.31									1.0
NDI	HZ	99	123	EP	2227	56.81	-0.13									1.0
NDI	HN	99	123	ES	2228	09.27	-0.15									1.0
NDI	HN	99	123	IAML	2228	10.05		338	0.2							
AYAN	BZ	107	136	EP	2227	58.07	-0.17									1.0
AYAN	BN	107	136	ES	2228	11.90	0.24									1.0
AYAN	BN	107	136	IAML	2228	12.70		406	0.2							
SONA	BZ	124	146	EP	2228	00.89	0.16									1.0
SONA	BN	124	146	ES	2228	14.93	-1.04									1.0
SONA	BN	124	146	IAML	2228	17.00		298	0.2							
PWAL	BE	152	141	ES	2228	22.28	0.20									1.0
CHUR	HZ	169	234	EP	2228	06.45	0.16									1.0
CHUR	HE	169	234	ES	2228	25.17	-0.43									1.0
CHUR	HE	169	234	IAML	2228	26.49		1663	0.3							
DDI	HE	207	52	ES	2228	34.85	1.12									1.0
SMLA	HZ	230	20	EP	2228	13.69	-0.34									1.0
SMLA	HE	230	20	ES	2228	38.79	-0.19									1.0
SMLA	HE	230	20	IAML	2228	43.38		2154	0.2							
SDNR	BZ	267	11	EP	2228	18.56	0.22									1.0
SDNR	BE	267	11	ES	2228	45.36	-1.07									1.0
SDNR	BE	267	11	IAML	2228	49.08		113	0.3							
MUKT	HZ	322	84	EP	2228	24.55	-0.72									1.0
DHRM	HZ	340	359	EP	2228	29.01	1.02									1.0
DHRM	HN	340	359	ES	2229	02.60	-0.54									1.0
DHRM	HE	340	359	IAML	2229	08.76		87	0.4							
AJM	BZ	349	210	EP	2228	27.79	-0.58									1.0
AJM	BN	349	210	ES	2229	04.82	1.03									1.0
AJM	BN	349	210	IAML	2229	07.23		380	0.2							
THN	BZ	366	352	EP	2228	31.40	1.03									1.0
THN	BN	366	352	ES	2229	07.20	-0.06									1.0
THN	BN	366	352	IAML	2229	09.51		23	0.3							
PTH	BZ	376	82	EP	2228	31.14	-1.05									1.0
PTH	BE	376	82	ES	2229	11.20	0.79									1.0
PTH	BE	376	82	IAML	2229	14.83		29	0.3							
JMU	BN	425	340	ES	2229	20.05	0.31									1.0

June 24 2023 Hour: 18:22 6.5 Lat: 29.92N Lon: 79.96E D: 5.0F Ag: NCS Local
Magnitudes: 1.7ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PTH	BZ	44	148	EP		1822	14.64	-0.14							1.0
PTH	BE	44	148	ES		1822	21.73	0.87							1.0
PTH	BN	44	148	IAML		1822	23.83			22	0.1				
LGTI	BZ	59	168	EP		1822	16.88	-0.69							1.0
LGTI	BE	59	168	ES		1822	25.80	0.12							1.0
LGTI	BE	59	168	IAML		1822	28.37			36	0.3				
MUKT	HZ	60	210	EP		1822	16.09	-1.10							1.0
MUKT	HN	60	210	ES		1822	25.81	0.78							1.0
MUKT	HE	60	210	IAML		1822	30.45			29	0.1				
JOSI	BZ	80	331	EP		1822	19.61	-0.96							1.0
JOSI	BE	80	331	ES		1822	32.00	1.13							1.0
JOSI	BE	80	331	IAML		1822	34.17			18	0.3				

June 25 2023 Hour: 1:16 15.7 Lat: 37.90N Lon: 77.88E D:190.0F Ag: NCS Local
Magnitudes: 4.0ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	607	205	EP		0117	36.04	0.31							1.0
UDMP	HN	607	205	ES		0118	34.21	0.08							1.0
UDMP	HE	607	205	IAML		0118	38.32			1342	0.2				
JMU	BE	632	207	ES		0118	39.96	0.89							1.0
JMU	BN	632	207	IAML		0118	44.72			108	0.3				
THN	BZ	635	198	EP		0117	39.40	0.44							1.0
THN	BN	635	198	ES		0118	39.48	-0.23							1.0
THN	BN	635	198	IAML		0118	44.75			412	0.2				
DHRM	HZ	643	193	EP		0117	40.10	-0.59							1.0
DHRM	HE	643	193	ES		0118	41.39	-1.33							1.0
DHRM	HE	643	193	IAML		0118	46.96			66	0.3				
SMLA	HZ	754	185	EP		0117	53.40	0.14							1.0
SMLA	HN	754	185	ES		0119	03.94	-0.51							1.0
SMLA	HE	754	185	IAML		0119	09.92			45	0.3				
UTK	BZ	797	176	EP		0117	58.39	0.08							1.0
UTK	BN	797	176	ES		0119	13.05	-0.15							1.0
PTH	BZ	947	166	EP		0118	16.91	0.41							1.0
PTH	BE	947	166	ES		0119	44.94	0.28							1.0
MUKT	HZ	950	170	EP		0118	16.24	-0.42							1.0
MUKT	HN	950	170	ES		0119	45.85	0.91							1.0
MUKT	HE	950	170	IAML		0119	48.33			111	0.4				
LGTI	BZ	965	167	EP		0118	18.20	-0.58							1.0
AJM	BE	1308	194	ES		0120	58.79	0.26							1.0

June 25 2023 Hour: 8:17 8.3 Lat: 28.60N Lon: 76.74E D: 10.0F Ag: NCS Local
Magnitudes: 2.3ML NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JHJR	BZ	10	276	EP		0817	09.74	-0.98							1.0
AYAN	BZ	40	109	EP		0817	15.62	0.11							1.0
AYAN	BN	40	109	ES		0817	21.01	0.24							1.0
AYAN	BN	40	109	IAML		0817	22.90			339	0.3				
NRLA	BZ	40	59	EP		0817	16.42	0.95							1.0
NPL	BZ	42	84	EP		0817	15.57	-0.23							1.0
NPL	BN	42	84	ES		0817	21.61	0.32							1.0
NPL	BN	42	84	IAML		0817	23.83			424	0.1				
NDI	HZ	47	78	EP		0817	16.11	-0.49							1.0
NDI	HE	47	78	ES		0817	22.15	-0.51							1.0
NDI	HE	47	78	IAML		0817	23.60			62	0.1				
SONA	BZ	51	141	EP		0817	16.77	-0.46							1.0
SONA	BN	51	141	ES		0817	23.81	0.05							1.0
SONA	BN	51	141	IAML		0817	25.75			99	0.1				
RTK	BZ	58	327	EP		0817	18.81	0.36							1.0
AJM	BE	319	221	ES		0818	27.67	0.64							1.0
AJM	BE	319	221	IAML		0818	35.89			21	0.5				

June 25 2023 Hour: 15:49 54.5 Lat: 34.73N Lon: 68.92E D: 82.4 Ag: NCS Local
Magnitudes: 4.6ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	546	96	EP		1551	06.20	0.82							1.0
SRIN	BE	546	96	ES		1551	56.56	-0.53							1.0
SRIN	BN	546	96	IAML		1552	20.36			6080	0.7				
JMU	BZ	588	110	EP		1551	10.49	0.01							1.0
JMU	BE	588	110	ES		1552	05.23	-0.69							1.0
JMU	BE	588	110	IAML		1552	11.35			611	0.5				
UDMP	HZ	608	108	EP		1551	12.38	-0.56							1.0
UDMP	HE	608	108	ES		1552	11.23	1.05							1.0
UDMP	HN	608	108	IAML		1552	13.16			4212	0.3				
THN	BZ	687	110	EP		1551	22.82	0.24							1.0
THN	BN	687	110	ES		1552	26.78	-0.08							1.0
THN	BN	687	110	IAML		1552	29.88			283	0.4				

BHK	BN	788	116	EP	1551	34.49	-0.35							1.0
BHK	BE	788	116	ES	1552	48.13	0.07							1.0
BHK	BN	788	116	IAML	1552	54.10		374	0.4					
SDNR	BZ	824	113	EP	1551	39.25	-0.07							1.0
SDNR	BE	824	113	ES	1552	55.91	0.10							1.0
SDNR	BN	824	113	IAML	1552	58.66		146	0.7					
UTK	BZ	996	114	EP	1552	00.60	0.24							1.0
UTK	BN	996	114	ES	1553	31.46	-0.75							1.0
UTK	BN	996	114	IAML	1553	34.31		224	0.5					
NDI	HE	1032	128	ES	1553	39.68	0.47							1.0
NDI	HE	1032	128	IAML	1553	45.56		876	0.4					
NPL	BZ	1032	129	EP	1552	03.81	-0.67							1.0
NPL	BN	1032	129	ES	1553	39.70	0.35							1.0
NPL	BE	1032	129	IAML	1553	42.02		1142	0.2					
NDI	HZ	1032	128	EP	1552	04.77	0.37							1.0
AYAN	BZ	1041	129	EP	1552	04.29	-1.31							1.0
AYAN	BE	1041	129	ES	1553	41.06	-0.21							1.0
AYAN	BE	1041	129	IAML	1553	46.73		79	0.5					
SONA	BN	1055	131	EP	1552	07.85	0.62							1.0
SONA	BE	1055	131	ES	1553	44.72	0.62							1.0
SONA	BN	1055	131	IAML	1553	49.10		96	0.5					
JOSI	BZ	1099	112	EP	1552	12.46	-0.24							1.0
JOSI	BE	1099	112	ES	1553	53.37	-0.19							1.0
JOSI	BE	1099	112	IAML	1553	57.90		81	0.4					
MUKT	HZ	1168	117	EP	1552	22.27	1.05							1.0
MUKT	HE	1168	117	ES	1554	07.67	-0.63							1.0
MUKT	HN	1168	117	IAML	1554	16.80		52	0.5					
PTH	BZ	1206	115	EP	1552	25.20	-0.85							1.0
PTH	BN	1206	115	ES	1554	17.39	0.73							1.0
PTH	BN	1206	115	IAML	1554	23.63		476	0.4					
LGTI	BZ	1207	116	EP	1552	25.57	-0.78							1.0
LGTI	BN	1207	116	ES	1554	17.95	0.77							1.0
LGTI	BN	1207	116	IAML	1554	20.21		263	0.4					
UDPR	BZ	1216	156	EP	1552	28.18	1.58							1.0
UDPR	BN	1216	156	ES	1554	16.42	-1.19							1.0
UDPR	BN	1216	156	IAML	1554	28.57		208	0.7					

June 25 2023 Hour: 16:35 1.3 Lat: 38.67N Lon: 73.11E D: 10.0F Ag: NCS Regional
Magnitudes: 3.9ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	663	163	EP		1636	26.74	-0.26							1.0
UDMP	HN	663	163	ES		1637	29.38	-0.17							1.0
UDMP	HE	663	163	IAML		1637	33.52		520	0.4					
JMU	BZ	671	166	EP		1636	27.17	-0.70							1.0
JMU	BE	671	166	ES		1637	30.75	-0.30							1.0
JMU	BE	671	166	IAML		1637	35.83		125	0.8					
THN	BZ	732	160	EP		1636	36.04	0.79							1.0
THN	BE	732	160	ES		1637	44.44	0.61							1.0
THN	BN	732	160	IAML		1637	49.12		452	0.6					
SDNR	BZ	863	155	EP		1636	50.93	0.06							1.0
SDNR	BE	863	155	ES		1638	11.32	0.48							1.0
SDNR	BE	863	155	IAML		1638	14.69		15	0.3					
UTK	BN	1006	149	ES		1638	41.43	0.47							1.0
UTK	BN	1006	149	IAML		1638	44.23		73	0.4					
MUKT	HZ	1185	148	EP		1637	30.07	0.16							1.0
MUKT	HE	1185	148	ES		1639	17.25	-1.14							1.0
MUKT	HN	1185	148	IAML		1639	24.30		8	0.4					

June 26 2023 Hour: 6:46 48.7 Lat: 36.53N Lon: 70.72E D:100.0F Ag: NCS Local
Magnitudes: 4.4ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	561	137	EP		0648	02.37	0.79							1.0
JMU	BE	561	137	ES		0648	55.93	1.15							1.0
JMU	BE	561	137	IAML		0649	04.91			610	0.3				
UDMP	HZ	569	134	EP		0648	03.60	1.05							1.0
UDMP	HE	569	134	ES		0648	57.72	1.26							1.0
UDMP	HE	569	134	IAML		0649	03.43			17565	0.2				
THN	BZ	651	133	EP		0648	13.07	0.46							1.0
THN	BN	651	133	ES		0649	14.17	0.31							1.0
THN	BN	651	133	IAML		0649	20.10			377	0.3				
BHK	BZ	773	136	EP		0648	27.68	0.20							1.0
BHK	BE	773	136	ES		0649	39.92	0.33							1.0
BHK	BE	773	136	IAML		0649	44.99			205	0.3				
SDNR	BZ	795	132	EP		0648	31.75	1.50							1.0
SDNR	BN	795	132	ES		0649	45.00	0.63							1.0
SDNR	BN	795	132	IAML		0649	47.85			184	0.4				
HNLY	BZ	863	116	EP		0648	38.98	0.36							1.0
UTK	BZ	962	130	EP		0648	51.26	0.42							1.0
UTK	BN	962	130	ES		0650	19.85	-0.15							1.0
UTK	BE	962	130	IAML		0650	24.11			348	0.3				
NDI	HZ	1061	143	EP		0649	03.04	0.37							1.0
NDI	HE	1061	143	ES		0650	39.75	-0.72							1.0
NDI	HE	1061	143	IAML		0650	43.00			53	0.5				
NPL	BZ	1063	144	EP		0649	03.06	0.12							1.0
NPL	BN	1063	144	ES		0650	40.78	-0.16							1.0
NPL	BN	1063	144	IAML		0650	43.15			111	0.3				
SONA	BZ	1095	145	EP		0649	06.45	-0.33							1.0
SONA	BE	1095	145	ES		0650	46.45	-1.12							1.0
SONA	BN	1095	145	IAML		0650	50.58			577	0.4				
MUKT	HZ	1144	131	EP		0649	11.82	-1.34							1.0
MUKT	HE	1144	131	ES		0650	57.20	-1.41							1.0
MUKT	HE	1144	131	IAML		0651	02.17			305	0.3				
PTH	BZ	1172	128	EP		0649	14.88	-1.99							1.0
PTH	BN	1172	128	ES		0651	05.69	0.67							1.0
PTH	BE	1172	128	IAML		0651	06.91			24	0.3				
LGTI	BZ	1178	129	EP		0649	15.95	-1.83							1.0
LGTI	BE	1178	129	ES		0651	05.78	-0.83							1.0
UDPR	BZ	1355	167	EP		0649	38.77	0.23							1.0
UDPR	BN	1355	167	ES		0651	42.54	0.02							1.0
UDPR	BN	1355	167	IAML		0651	49.65			129	0.3				

June 26 2023 Hour: 10:12 33.4 Lat: 2.34N Lon: 98.81E D: 61.6 Ag: NCS Regional
Magnitudes: 5.1MW NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DGPR	HZ	1361	332	EP		1015	23.51	0.12							0.0
SAIH	SZ	2316	345	EP		1017	10.43	0.49							1.0
VISK	HZ	2399	316	EP		1017	17.91	0.10							1.0
CMPI	HZ	2414	346	EP		1017	20.07	0.51							1.0
BWNR	BZ	2433	325	EP		1017	20.46	-0.60							1.0
CHT	HZ	2527	290	EP		1017	29.36	-0.72							1.0
IMP	SZ	2543	349	EP		1017	31.53	-0.03							1.0
KOHI	SZ	2636	349	EP		1017	39.65	-0.48							1.0
SHL	HZ	2672	345	EP		1017	43.10	0.01							1.0
MYSR	HZ	2692	296	EP		1017	45.03	0.80							1.0
KNTI	BZ	2717	329	EP		1017	46.54	0.22							1.0
KNL	HZ	2719	304	EP		1017	46.43	-0.01							1.0
TURA	SZ	2725	341	EP		1017	46.34	-0.59							1.0
KDGU	HZ	2762	295	EP		1017	50.22	0.18							1.0
HYB	HZ	2772	308	EP		1017	51.15	0.30							1.0
ZIRO	SZ	2837	350	EP		1017	55.70	-0.38							1.0
TAWA	SZ	2891	346	EP		1018	01.67	0.54							1.0

KLBG	HZ	2918	306	EP	1018	03.04	0.39										1.0
GTK	SZ	2971	339	EP	1018	07.76	0.31										1.0
BHPL	HZ	3266	317	EP	1018	30.52	-0.07										1.0
JHNI	BZ	3351	322	EP	1018	37.31	0.01										1.0
LGTI	BZ	3591	328	EP	1018	56.52	-0.54										1.0
BHV	BZ	3597	309	EP	1018	55.75	-1.02										1.0
UDPR	BZ	3650	315	EP	1019	01.32	0.39										1.0
SONA	BZ	3682	323	EP	1019	03.23	-0.20										1.0
NPL	BZ	3707	324	EP	1019	05.84	0.47										1.0
AJM	BZ	3712	318	EP	1019	06.12	0.32										1.0
JOSI	BZ	3725	329	EP	1019	05.70	-1.20										1.0
UTK	BZ	3805	328	EP	1019	13.19	-0.04										1.0
JODH	HZ	3820	316	EP	1019	14.36	0.21										1.0
HNLY	BZ	3956	331	EP	1019	25.51	0.66										1.0
SDNR	BZ	3967	327	EP	1019	25.33	-0.22										1.0
THN	BZ	4111	327	EP	1019	36.69	0.14										1.0
UDMP	HZ	4192	326	EP	1019	42.60	-0.10										1.0

June 26 2023 Hour: 12:53 3.3 Lat: 14.07N Lon: 92.72E D: 11.1 Ag: NCS Regional
Magnitudes: 4.5ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DGPR	HZ	101	167	EP		1253	21.23	0.27							1.0
DGPR	HN	101	167	ES		1253	33.92	0.08							1.0
DGPR	HE	101	167	IAML		1253	37.18			17032	0.5				
SAIH	SZ	932	2	EP		1255	04.73	1.08							1.0
SAIH	SN	932	2	ES		1256	31.59	0.09							1.0
SAIH	SN	932	2	IAML		1256	38.32			72	0.3				
VISK	HZ	1084	293	EP		1255	22.04	0.03							1.0
VISK	HN	1084	293	ES		1257	02.51	-0.76							1.0
VISK	HN	1084	293	IAML		1257	08.79			1346	0.6				
IMP	SZ	1198	6	EP		1255	35.12	-0.93							1.0
SHL	HZ	1275	357	EP		1255	45.80	-0.14							1.0
SHL	HE	1275	357	ES		1257	42.92	-1.75							1.0
SHL	HE	1275	357	IAML		1257	52.01			76	0.3				
TURA	SZ	1294	349	EP		1255	48.24	0.48							1.0
TURA	SE	1294	349	ES		1257	48.84	1.03							1.0
TURA	SE	1294	349	IAML		1257	53.39			90	0.2				
BOKR	HZ	1295	327	EP		1255	48.38	0.53							1.0
BOKR	HE	1295	327	ES		1257	48.05	0.09							1.0
BOKR	HE	1295	327	IAML		1257	54.26			249	0.6				
KOHI	SZ	1298	6	EP		1255	47.85	-0.90							1.0
KOHI	SN	1298	6	ES		1257	48.87	-0.66							1.0
KOHI	SE	1298	6	IAML		1257	56.69			27	0.5				
MOKO	SE	1369	8	ES		1258	05.14	0.66							1.0
ZIRO	SZ	1495	4	EP		1256	12.66	0.40							1.0
GTK	SZ	1528	344	EP		1256	15.39	-1.47							1.0
GTK	SN	1528	344	ES		1258	39.82	1.67							1.0
GTK	SE	1528	344	IAML		1258	44.29			506	0.3				
SMLA	HZ	2469	323	EP		1258	09.88	-0.27							0.4
SMLA	HN	2469	323	ES		1301	56.01	1.87							0.4

June 26 2023 Hour: 13:32 15.7 Lat: 9.61N Lon: 93.84E D: 10.0F Ag: NCS Regional
Magnitudes: 4.3ML NCS 3.8MW NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DGPR	HZ	407	346	EP		1333	11.06	-0.02							1.0
DGPR	HN	407	346	ES		1333	52.57	1.06							1.0
DGPR	HN	407	346	IAML		1334	11.79			1272	1.0				
VISK	HZ	1447	309	EP		1335	13.91	-1.56							0.9
CMPI	HZ	1538	358	EP		1335	24.29	-1.12							1.0
TPTI	HZ	1617	288	EP		1335	33.33	-0.79							1.0
IMP	SZ	1685	0	EP		1335	41.01	-0.70							1.0
SALM	BZ	1730	279	EP		1335	47.52	0.71							1.0
SHL	HZ	1777	354	EP		1335	52.84	0.43							1.0
KOHI	SZ	1784	1	EP		1335	53.43	0.29							1.0

CHT	HZ	1824	272	EP	1335	57.60	0.59										1.0
MOKO	SZ	1851	2	EP	1336	00.90	0.50										1.0
HYB	HZ	1865	299	EP	1336	02.96	1.54										0.9
HYB	HN	1865	299	ES	1339	08.45	-0.26										1.0
HYB	HE	1865	299	IAML	1339	16.63			128	0.6							
ZIRO	SZ	1984	0	EP	1336	13.44	0.44										1.0
TAWA	SZ	2002	354	EP	1336	14.92	-0.53										1.0
BHPL	HZ	2309	313	EP	1336	44.00	-0.61										1.0

June 26 2023 Hour: 18:4 9.0 Lat: 24.43N Lon: 93.24E D: 14.2 Ag: NCS Local
Magnitudes: 2.8ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMPI	HZ	104	176	EP		1804	27.47	0.26							1.0
CMPI	HE	104	176	ES		1804	41.16	0.66							1.0
CMPI	HE	104	176	IAML		1804	42.47			223	0.2				
KOHI	SZ	168	31	EP		1804	36.00	-0.01							1.0
KOHI	SN	168	31	ES		1804	56.49	0.76							1.0
KOHI	SN	168	31	IAML		1804	58.74			41	0.4				
SHL	HZ	178	315	EP		1804	38.43	1.19							1.0
SHL	HN	178	315	ES		1804	59.23	1.37							1.0
SHL	HE	178	315	IAML		1805	03.77			76	0.2				
SAIH	SZ	217	187	EP		1804	40.85	-0.71							1.0
SAIH	SN	217	187	ES		1805	05.14	-0.20							1.0
SAIH	SN	217	187	IAML		1805	08.57			187	0.3				
MOKO	SZ	246	31	EP		1804	45.13	-0.35							1.0
MOKO	SE	246	31	ES		1805	12.63	0.52							1.0
MOKO	SE	246	31	IAML		1805	15.34			829	0.2				
TURA	SE	327	292	ES		1805	27.40	-1.14							1.0
TURA	SE	327	292	IAML		1805	30.54			24	0.2				
ZIRO	SZ	348	10	EP		1804	56.86	-0.70							1.0
ZIRO	SN	348	10	ES		1805	31.66	-1.35							1.0
ZIRO	SN	348	10	IAML		1805	35.23			17	0.3				
DGPR	HZ	1246	182	EP		1806	46.83	-0.32							1.0

June 26 2023 Hour: 21:30 10.3 Lat: 37.09N Lon: 72.03E D:252.2 Ag: NCS Local
Magnitudes: 4.4ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	542	151	EP		2131	25.68	0.49							1.0
JMU	BN	542	151	ES		2132	20.94	1.09							1.0
JMU	BN	542	151	IAML		2132	21.96			2806	0.3				
UDMP	HZ	543	148	EP		2131	24.71	-0.56							1.0
UDMP	HN	543	148	ES		2132	20.01	0.02							1.0
UDMP	HN	543	148	IAML		2132	22.37			2022	0.2				
AMRT	HN	659	156	ES		2132	42.57	-0.18							1.0
AMRT	HE	659	156	IAML		2132	47.36			1919	0.2				
DHRM	HZ	665	143	EP		2131	38.90	-0.91							1.0
DHRM	HE	665	143	ES		2132	45.21	0.06							1.0
DHRM	HN	665	143	IAML		2132	49.12			342	0.5				
BHK	BZ	748	146	EP		2131	48.42	-0.20							1.0
BHK	BE	748	146	ES		2133	00.49	0.11							1.0
BHK	BN	748	146	IAML		2133	06.40			107	0.2				
SDNR	BZ	762	143	EP		2131	49.52	-0.76							1.0
SDNR	BE	762	143	ES		2133	03.24	-0.02							1.0
SDNR	BE	762	143	IAML		2133	07.69			61	0.4				
SMLA	HZ	814	143	EP		2131	56.09	-0.44							1.0
SMLA	HE	814	143	ES		2133	13.29	-0.77							1.0
SMLA	HE	814	143	IAML		2133	16.73			122	0.6				
UTK	BZ	921	138	EP		2132	08.97	-0.10							1.0
UTK	BN	921	138	ES		2133	35.42	-0.33							1.0
UTK	BN	921	138	IAML		2133	41.49			147	0.4				
DDI	HE	935	142	ES		2133	38.21	0.05							1.0
JOSI	BE	1005	134	ES		2133	52.67	0.06							1.0
JOSI	BE	1005	134	IAML		2134	00.34			624	0.4				
MUKT	HN	1104	138	EP		2132	30.33	-0.39							1.0

MUKT	HE	1104	138	ES	2134	13.97	0.75									1.0
MUKT	HN	1104	138	IAML	2134	23.79			212	0.4						
PTH	BN	1127	135	EP	2132	34.35	0.66									1.0
PTH	BE	1127	135	ES	2134	19.11	0.77									1.0
PTH	BN	1127	135	IAML	2134	23.93			139	0.3						
LGTI	BN	1135	136	EP	2132	34.28	-0.59									1.0
LGTI	BE	1135	136	ES	2134	20.40	0.01									1.0
LGTI	BN	1135	136	IAML	2134	28.06			145	0.6						
AJM	BZ	1208	168	EP	2132	45.48	2.73									1.0
AJM	BN	1208	168	ES	2134	32.48	-1.54									1.0
AJM	BN	1208	168	IAML	2134	38.78			7	0.5						

June 27 2023 Hour: 5:15 50.5 Lat: 36.31N Lon: 71.17E D:100.0F Ag: NCS Local
Magnitudes: 4.9ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BN	516	138	EP		*0517	03.16	3.20							0.0
JMU	BN	516	138	ES		0517	50.93	-2.92							1.0
JMU	BN	516	138	IAML		0517	58.15			3511	0.5				
UDMP	HZ	523	135	EP		0517	02.12	1.26							1.0
UDMP	HN	523	135	ES		0517	52.56	0.36							1.0
UDMP	HN	523	135	IAML		0517	56.02			55815	0.2				
ALCI	BZ	595	111	EP		0517	10.02	0.19							1.0
ALCI	BE	595	111	ES		0518	08.02	0.30							1.0
ALCI	BE	595	111	IAML		0518	11.40			1946	0.6				
THN	BZ	605	134	EP		0517	12.06	1.17							1.0
THN	BN	605	134	ES		0518	10.68	1.12							1.0
THN	BN	605	134	IAML		0518	16.08			1949	0.3				
DHRM	HZ	653	132	EP		0517	18.39	0.89							1.0
DHRM	HN	653	132	ES		0518	21.46	0.47							1.0
DHRM	HN	653	132	IAML		0518	24.19			4219	0.5				
BHK	BZ	728	137	EP		0517	26.65	0.82							1.0
BHK	BN	728	137	ES		0518	35.86	0.45							1.0
BHK	BN	728	137	IAML		0518	41.00			1137	0.5				
SDNR	BZ	749	133	EP		0517	29.14	0.62							1.0
SDNR	BN	749	133	ES		0518	40.21	0.15							1.0
SDNR	BN	749	133	IAML		0518	43.54			687	0.4				
SRGN	BN	752	160	ES		0518	41.74	1.13							1.0
SMLA	HZ	800	134	EP		0517	35.40	0.48							1.0
SMLA	HN	800	134	ES		0518	50.46	-0.66							1.0
SMLA	HN	800	134	IAML		0518	54.27			916	0.4				
HNLY	BZ	816	116	EP		0517	36.17	-0.64							1.0
UTK	BZ	916	130	EP		0517	49.70	0.63							1.0
UTK	BN	916	130	ES		0519	14.89	-0.72							1.0
UTK	BN	916	130	IAML		0519	18.26			1381	0.4				
JHJR	BE	996	147	ES		0519	33.14	0.96							1.0
JHJR	BN	996	147	IAML		0519	34.80			699	0.3				
JOSI	BZ	1007	127	EP		0518	00.05	-0.09							1.0
JOSI	BE	1007	127	ES		0519	34.17	-0.58							1.0
NDI	HZ	1018	144	EP		0518	00.37	-0.89							1.0
NDI	HN	1018	144	ES		0519	37.10	0.41							1.0
NDI	HN	1018	144	IAML		0519	40.53			162	0.5				
NPL	BZ	1020	145	EP		0518	00.79	-0.75							1.0
NPL	BN	1020	145	ES		0519	36.53	-0.66							1.0
NPL	BN	1020	145	IAML		0519	39.67			397	0.3				
KUDL	HZ	1035	150	EP		0518	02.43	-0.89							1.0
KUDL	HE	1035	150	ES		0519	39.94	-0.31							1.0
KUDL	HE	1035	150	IAML		0519	42.15			1830	0.5				
SONA	BZ	1052	147	EP		0518	04.82	-0.62							1.0
SONA	BE	1052	147	ES		0519	43.90	-0.03							1.0
SONA	BN	1052	147	IAML		0519	48.29			240	0.6				
MUKT	HZ	1098	131	EP		0518	10.33	-1.07							1.0
MUKT	HN	1098	131	ES		0519	55.19	0.95							1.0
PTH	BZ	1126	129	EP		*0518	13.17	-1.91							0.0
PTH	BE	1126	129	ES		0519	59.50	0.81							1.0

June 27 2023	Hour: 5:19 41.1	Lat: 24.35N	Lon: 93.73E	D: 27.4	Ag: NCS	Local									
Magnitudes: 2.9ML	NCS			Rms: 0.8 secs											
STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IMP	SZ	57	22	EP		0519	51.67	-0.01							1.0
IMP	SE	57	22	ES		0520	00.17	0.79							1.0
CMPI	HZ	104	204	EP		0519	58.69	-0.05							1.0
CMPI	HE	104	204	ES		0520	12.05	0.45							1.0
CMPI	HE	104	204	IAML		0520	17.79			869	0.3				
SILR	SZ	105	297	EP		0519	59.31	0.68							1.0
SILR	SE	105	297	ES		0520	12.64	1.23							1.0
SILR	SE	105	297	IAML		0520	17.99			454	0.2				
KOHI	SZ	156	14	EP		0520	04.47	-0.90							1.0
KOHI	SN	156	14	ES		0520	22.35	-0.71							1.0
KOHI	SN	156	14	IAML		0520	23.58			175	0.5				
SAIH	SZ	220	200	EP		0520	11.57	-1.15							1.0
SAIH	SN	220	200	ES		0520	36.69	0.92							1.0
SAIH	SN	220	200	IAML		0520	39.91			37	0.2				
MOKO	SZ	232	20	EP		0520	14.06	-0.49							1.0
MOKO	SE	232	20	ES		0520	40.01	1.07							1.0
MOKO	SN	232	20	IAML		0520	44.43			53	0.4				
TURA	SZ	377	291	EP		0520	31.02	-0.83							1.0
TURA	SE	377	291	ES		0521	07.86	-1.01							1.0
TURA	SE	377	291	IAML		0521	10.55			88	0.2				

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MUKT	HZ	1127	137	EP		1730	14.03	-0.20									1.0
MUKT	HE	1127	137	ES		1731	58.34	0.27									1.0
MUKT	HE	1127	137	IAML		1732	04.13				14	0.3					

June 28 2023 Hour: 16:43 38.4 Lat: 34.12N Lon: 88.84E D: 10.2 Ag: NCS Local
Magnitudes: 4.1MW NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TAWA	SZ	779	157	EP		1645	21.71	0.94							1.0
PTH	BZ	959	241	EP		1645	42.44	-0.26							1.0
TURA	SZ	963	172	EP		1645	42.56	0.00							1.0
LGTI	BZ	980	240	EP		1645	44.65	-0.76							1.0
MUKT	HZ	1012	242	EP		1645	49.34	0.54							1.0
KOHI	SZ	1061	150	EP		1645	54.33	-0.62							1.0
BOKR	HZ	1180	195	EP		1646	09.35	0.25							1.0
DHRM	HZ	1187	263	EP		1646	10.87	0.29							1.0
SAIH	SZ	1351	161	EP		1646	29.60	-0.38							1.0

June 29 2023 Hour: 1: 4 10.7 Lat: 37.60N Lon: 73.07E D:189.8 Ag: NCS Local
Magnitudes: 4.3ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	553	160	EP		0105	24.68	0.37							1.0
UDMP	HE	553	160	ES		0106	17.90	-0.17							1.0
UDMP	HE	553	160	IAML		0106	26.32			1831	0.3				
JMU	BZ	558	163	EP		0105	24.66	-0.27							1.0
JMU	BE	558	163	ES		0106	19.39	0.25							1.0
JMU	BE	558	163	IAML		0106	25.02			310	0.6				
DHRM	HZ	664	153	EP		0105	37.25	-0.75							1.0
DHRM	HN	664	153	ES		0106	40.39	-1.36							1.0
DHRM	HN	664	153	IAML		0106	47.95			291	0.4				
BHK	BZ	753	155	EP		0105	49.34	1.59							1.0
BHK	BN	753	155	ES		0106	58.97	0.36							1.0
BHK	BN	753	155	IAML		0107	05.94			97	0.4				
SDNR	BZ	759	151	EP		0105	48.13	-0.44							1.0
SDNR	BN	759	151	ES		0107	00.23	0.19							1.0
SDNR	BN	759	151	IAML		0107	06.43			1151	0.3				
SMLA	HZ	811	151	EP		0105	55.01	0.05							1.0
SMLA	HN	811	151	ES		0107	12.02	0.92							1.0
SMLA	HN	811	151	IAML		0107	17.69			1156	0.3				
UTK	BZ	909	145	EP		0106	06.36	-0.19							1.0
UTK	BN	909	145	ES		0107	31.70	0.56							1.0
UTK	BN	909	145	IAML		0107	38.13			189	0.6				
JOSI	BE	984	141	ES		0107	46.83	0.31							1.0
NDI	HZ	1061	157	EP		0106	24.15	-0.34							1.0
NDI	HN	1061	157	ES		0108	01.93	-0.24							1.0
NDI	HE	1061	157	IAML		0108	08.96			36	0.5				
MUKT	HZ	1090	144	EP		0106	28.09	-0.19							1.0
MUKT	HN	1090	144	ES		0108	08.94	0.20							1.0
MUKT	HN	1090	144	IAML		0108	15.70			38	0.4				
LGTI	BN	1119	142	ES		0108	14.49	-0.88							1.0
AJM	BZ	1248	173	EP		0106	46.88	0.02							1.0
AJM	BN	1248	173	ES		0108	41.12	0.24							1.0
AJM	BE	1248	173	IAML		0108	46.18			103	0.5				
UDPR	BZ	1445	177	EP		0107	10.60	0.19							1.0
UDPR	BE	1445	177	ES		0109	21.21	-0.41							1.0

June 29 2023 Hour: 4:57 56.3 Lat: 37.20N Lon: 71.56E D:128.8 Ag: NCS Regional
Magnitudes: 5.1ML NCS Rms: 1.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	456	139	EP		0458	57.12	0.12							1.0
SRIN	BE	456	139	ES		0459	40.69	-0.59							1.0
SRIN	BN	456	139	IAML		0459	46.50			13508	0.5				
JMU	BZ	574	148	EP		0459	12.49	1.56							0.9
JMU	BN	574	148	ES		0500	04.01	-1.36							0.9
JMU	BE	574	148	IAML		0500	09.95			8343	0.7				

UDMP	HZ	576	145	EP	0459	12.25	1.04			1.0
UDMP	HN	576	145	ES	0500	04.71	-1.14			1.0
ALCI	BZ	607	121	EP	0459	15.00	-0.15			1.0
ALCI	BN	607	121	ES	0500	13.95	1.28			0.9
ALCI	BN	607	121	IAML	0500	18.01		2457	0.4	
THN	BZ	655	142	EP	0459	21.98	1.25			0.9
THN	BN	655	142	ES	0500	20.72	-1.61			0.9
THN	BN	655	142	IAML	0500	29.31		3266	0.3	
DHRM	HN	700	140	EP	0459	27.01	0.16			1.0
DHRM	HN	700	140	ES	*0500	32.72	-0.20			0.0
DHRM	HN	700	140	IAML	0500	37.33		9218	0.3	
BHK	BN	781	144	EP	0459	37.32	1.45			0.9
BHK	BN	781	144	ES	0500	46.35	-2.17			0.8
BHK	BN	781	144	IAML	0500	53.27		2822	0.7	
SDNR	BZ	797	140	EP	0459	38.58	0.78			1.0
SDNR	BN	797	140	ES	0500	52.63	0.77			1.0
SDNR	BN	797	140	IAML	0500	58.00		1222	0.4	
HNLY	BZ	835	124	EP	0459	42.65	0.16			1.0
HNLY	BE	835	124	ES	0501	01.41	1.44			0.9
SMLA	HZ	849	141	EP	0459	44.66	0.43			1.0
SMLA	HN	849	141	ES	0501	01.65	-1.34			0.9
SMLA	HE	849	141	IAML	0501	07.05		2177	0.3	
UTK	BZ	958	136	EP	0459	57.35	-0.02			1.0
UTK	BN	958	136	ES	0501	24.32	-1.39			0.9
UTK	BN	958	136	IAML	0501	30.72		2893	0.6	
DDI	HZ	971	140	EP	0459	59.45	0.83			1.0
DDI	HN	971	140	ES	*0501	29.32	1.44			0.0
DDI	HN	971	140	IAML	0501	34.37		1803	0.3	
JOSI	BZ	1043	133	EP	0500	07.43	-0.08			1.0
JOSI	BE	1043	133	ES	0501	43.32	0.06			1.0
JOSI	BN	1043	133	IAML	0501	49.89		1230	0.5	
UJWA	BZ	1079	151	EP	0500	11.06	-0.61			1.0
UJWA	BN	1079	151	ES	0501	52.38	1.92			0.9
UJWA	BN	1079	151	IAML	0501	56.35		1877	0.4	
NDI	HN	1081	149	EP	0500	11.45	-0.46			1.0
NDI	HN	1081	149	ES	0501	51.74	0.88			1.0
NDI	HN	1081	149	IAML	0501	56.91		317	0.4	
NPL	BZ	1084	150	EP	0500	12.08	-0.17			1.0
NPL	BN	1084	150	ES	0501	51.83	0.38			1.0
JMIU	BZ	1096	149	EP	0500	14.27	0.52			1.0
AYAN	BZ	1097	150	EP	0500	14.02	0.10			1.0
AYAN	BN	1097	150	ES	0501	54.87	0.53			1.0
AYAN	BN	1097	150	IAML	0502	00.87		549	0.6	
BISR	BZ	1103	148	EP	0500	15.41	0.85			1.0
BISR	BE	1103	148	ES	0501	57.42	1.97			0.9
KUDL	HZ	1105	154	EP	0500	13.89	-0.88			1.0
KUDL	HN	1105	154	ES	0501	55.95	0.13			1.0
KUDL	HN	1105	154	IAML	0502	02.39		299	0.8	
SONA	BZ	1118	151	EP	0500	16.03	-0.34			1.0
SONA	BN	1118	151	ES	0501	59.66	1.07			1.0
SONA	BE	1118	151	IAML	0502	02.58		920	0.4	
MUKT	HN	1141	136	EP	0500	19.00	-0.47			1.0
MUKT	HN	1141	136	ES	0502	04.92	0.98			1.0
MUKT	HN	1141	136	IAML	0502	08.10		604	0.6	
JASL	BN	1141	183	EP	0500	20.15	1.06			0.0
JASL	BE	1141	183	ES	*0502	04.34	1.04			0.0
JASL	BN	1141	183	IAML	0502	12.11		335	0.5	
PTH	BZ	1165	134	EP	0500	22.23	-0.36			1.0
PTH	BN	1165	134	ES	0502	09.54	0.19			1.0
LGTI	BZ	1173	135	EP	0500	22.18	-1.56			0.9
LGTI	BN	1173	135	ES	0502	09.99	-1.35			0.9
LGTI	BN	1173	135	IAML	0502	15.55		352	0.4	
AJM	BZ	1229	166	EP	0500	30.00	0.24			1.0
GWAL	HZ	1370	151	EP	0500	45.82	-0.89			1.0

UDPR	BZ	1413	171	EP	0500	52.29	0.38										1.0
UDPR	BE	1413	171	ES	*0503	03.70	3.62										0.0
UDPR	BE	1413	171	IAML	0503	09.03				177	0.7						
JHNI	BZ	1463	151	EP	0500	56.05	-1.84										0.9
JHNI	BE	1463	151	ES	0503	09.41	-1.01										1.0
JHNI	BE	1463	151	IAML	0503	12.03				192	0.9						
GUNA	BZ	1495	157	EP	0500	59.64	-2.18										0.8
GUNA	BN	1495	157	ES	0503	17.94	0.72										1.0
GUNA	BN	1495	157	IAML	0503	22.05				210	0.6						
VLK	BZ	1586	129	EP	0501	10.81	-1.63										0.9
JBPL	HZ	1747	150	EP	0501	30.09	-0.41										1.0
JBPL	HN	1747	150	ES	*0504	09.77	-15.6										0.0
CNWR	HZ	1822	155	EP	0501	38.43	-0.47										1.0
CNWR	HE	1822	155	ES	*0504	26.99	-14.8										0.0
NGP	BN	1918	156	EP	0501	49.92	1.07										1.0
NGP	BE	1918	156	ES	*0504	48.68	-13.2										0.0
NGP	BE	1918	156	IAML	0504	58.83				57	1.1						
GTK	SZ	1938	120	EP	0501	49.47	-1.92										0.9
BLSP	BZ	1960	146	EP	0501	53.29	0.21										1.0
BOKR	HZ	2019	133	EP	0501	58.76	-0.14										1.0
BOKR	HE	2019	133	ES	*0505	06.38	-14.5										0.0
TURA	SZ	2190	121	EP	0502	16.48	0.87										1.0
HYB	HZ	2295	161	EP	0502	25.86	0.03										1.0
SHL	HZ	2323	118	EP	0502	28.67	-0.28										1.0
MOKO	SZ	2476	113	EP	0502	43.86	0.37										1.0
KOHI	SZ	2482	114	EP	0502	44.52	0.45										1.0
IMP	SZ	2528	116	EP	0502	47.81	0.19										1.0
SAIH	SZ	2623	122	EP	0502	55.57	0.08										1.0

June 29 2023 Hour: 11:35 4.0 Lat: 37.03N Lon: 71.25E D:139.7 Ag: NCS Local
Magnitudes: 4.0ML NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BN	573	144	ES		1137	12.73	-0.54							1.0
JMU	BN	573	144	IAML		1137	17.75			82	0.4				
UDMP	HZ	577	141	EP		1136	19.70	0.47							1.0
UDMP	HE	577	141	ES		1137	14.99	0.87							1.0
UDMP	HN	577	141	IAML		1137	17.18			2275	0.2				
THN	BZ	657	139	EP		1136	28.70	-0.16							1.0
THN	BN	657	139	ES		1137	30.12	-0.66							1.0
THN	BN	657	139	IAML		1137	36.11			53	0.2				
BHK	BE	783	141	ES		1137	56.99	0.31							1.0
BHK	BE	783	141	IAML		1138	01.04			448	0.2				
SDNR	BZ	800	138	EP		1136	45.71	-0.31							1.0
SDNR	BE	800	138	ES		1138	00.02	-0.44							1.0
SDNR	BE	800	138	IAML		1138	02.37			14	0.3				
UTK	BN	964	134	ES		1138	35.08	0.38							1.0
UTK	BN	964	134	IAML		1138	40.65			602	0.2				
KUDL	HE	1100	152	ES		1139	02.73	0.07							1.0

June 29 2023 Hour: 20:26 41.5 Lat: 38.43N Lon: 74.57E D: 90.0F Ag: NCS Local
Magnitudes: 3.9ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BN	486	177	ES		2028	32.52	0.83							1.0
UDMP	HZ	614	175	EP		2028	00.77	0.11							1.0
UDMP	HN	614	175	ES		2028	57.98	-0.48							1.0
UDMP	HN	614	175	IAML		2029	00.40			1965	0.4				
JMU	BZ	627	178	EP		2028	02.41	0.20							1.0
JMU	BN	627	178	ES		2029	02.34	1.19							1.0
JMU	BN	627	178	IAML		2029	04.94			201	0.5				
THN	BZ	674	170	EP		2028	08.63	0.67							1.0
THN	BN	674	170	ES		2029	10.37	-0.73							1.0
DHRM	HZ	704	166	EP		2028	11.72	-0.59							1.0
DHRM	HN	704	166	ES		2029	16.99	-1.64							1.0
DHRM	HE	704	166	IAML		2029	20.40			98	0.3				

SDNR	BZ	794	164	EP	2028	23.45	0.90										1.0
SDNR	BN	794	164	ES	2029	36.29	-0.05										1.0
SDNR	BN	794	164	IAML	2029	40.87			43	0.3							
BHK	BE	798	167	ES	2029	37.42	0.32										1.0
SMLA	HZ	844	163	EP	2028	28.32	-0.57										1.0
SMLA	HN	844	163	ES	2029	45.56	-1.75										1.0
SMLA	HN	844	163	IAML	2029	50.01			63	0.4							
UTK	BN	925	156	ES	2030	04.92	0.85										1.0
UTK	BN	925	156	IAML	2030	10.77			117	0.4							
JOSI	BE	986	151	ES	2030	17.24	0.59										1.0
JOSI	BN	986	151	IAML	2030	23.83			69	0.4							
MUKT	HZ	1100	153	EP	2028	59.12	-0.65										1.0
MUKT	HE	1100	153	ES	2030	41.51	0.78										1.0
MUKT	HE	1100	153	IAML	2030	45.53			16	0.4							
PTH	BZ	1110	150	EP	2029	00.97	-0.27										1.0
PTH	BE	1110	150	ES	2030	43.59	0.31										1.0
PTH	BN	1110	150	IAML	2030	51.92			14	0.2							

June 30 2023 Hour: 5:43 59.4 Lat: 27.01N Lon: 97.09E D: 25.6 Ag: NCS Local
Magnitudes: 4.1ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MOKO	SZ	268	254	EP		0544	37.83	0.50							1.0
MOKO	SN	268	254	ES		0545	05.11	0.08							1.0
MOKO	SN	268	254	IAML		0545	09.47			938	0.4				
ZIRO	SZ	326	281	EP		0544	45.28	1.24							1.0
KOHI	SN	330	245	EP		0544	44.85	-0.19							1.0
KOHI	SN	330	245	ES		0545	20.10	1.73							1.0
KOHI	SN	330	245	IAML		0545	26.27			297	0.6				
ITAN	SZ	335	273	EP		0544	45.44	0.34							1.0
ITAN	SN	335	273	ES		0545	19.75	1.27							1.0
ITAN	SN	335	273	IAML		0545	23.96			595	0.3				
IMP	SZ	397	233	EP		0544	52.50	-0.15							1.0
TAWA	SZ	521	278	EP		0545	10.01	1.48							1.0
TAWA	SE	521	278	ES		0545	58.94	-0.06							1.0
TAWA	SE	521	278	IAML		0546	02.17			689	0.4				
SHL	HZ	534	254	EP		0545	09.25	-0.66							1.0
SHL	HE	534	254	ES		0546	00.13	-1.26							1.0
SHL	HE	534	254	IAML		0546	01.61			166	0.3				
CMPI	HZ	544	225	EP		0545	10.69	-0.22							1.0
SAIH	SZ	650	221	EP		0545	23.50	-0.15							1.0
SAIH	SN	650	221	ES		0546	25.40	0.23							1.0
SAIH	SN	650	221	IAML		0546	35.27			893	0.5				
TURA	SZ	706	258	EP		0545	30.73	0.35							1.0
TURA	SN	706	258	ES		0546	35.14	-1.66							1.0
TURA	SE	706	258	IAML		0546	39.00			2282	0.1				
GTK	SZ	842	274	EP		0545	47.06	-0.48							1.0
GTK	SN	842	274	ES		0547	06.23	-0.26							1.0
GTK	SN	842	274	IAML		0547	10.96			66	0.3				
MUKT	HZ	1731	283	EP		0547	33.72	-2.06							0.8
SMLA	HZ	1990	288	EP		0548	05.42	-1.42							0.7
DHRM	HZ	2091	291	EP		0548	19.52	-0.05							0.6

June 30 2023 Hour: 10:50 41.1 Lat: 38.53N Lon: 73.66E D:251.7 Ag: NCS Local
Magnitudes: 4.5ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BE	573	145	ES		1052	57.67	0.62							1.0
ALCI	BN	573	145	IAML		1053	01.05			3932	0.2				
UDMP	HZ	636	168	EP		1052	06.83	0.23							1.0
UDMP	HN	636	168	ES		1053	07.92	-1.10							1.0
UDMP	HN	636	168	IAML		1053	10.85			2635	0.4				
JMU	BZ	646	170	EP		1052	08.17	0.53							1.0
JMU	BE	646	170	ES		1053	10.97	0.14							1.0
JMU	BN	646	170	IAML		1053	17.25			327	0.4				
THN	BZ	702	163	EP		1052	14.85	0.67							1.0

THN	BN	702	163	ES	1053	22.33	0.19										1.0
THN	BN	702	163	IAML	1053	25.74			176	0.7							
DHRM	HZ	737	160	EP	1052	18.26	-0.57										1.0
DHRM	HN	737	160	ES	1053	29.65	-0.53										1.0
DHRM	HN	737	160	IAML	1053	33.73			547	0.3							
BHK	BZ	829	162	EP	1052	29.80	1.01										1.0
BHK	BN	829	162	ES	1053	47.20	-0.21										1.0
BHK	BN	829	162	IAML	1053	49.23			1747	0.3							
SDNR	BZ	830	158	EP	1052	29.39	0.47										1.0
SDNR	BN	830	158	ES	1053	47.20	-0.43										1.0
SDNR	BN	830	158	IAML	1053	49.01			118	0.6							
SMLA	HZ	881	158	EP	1052	35.13	-0.03										1.0
SMLA	HN	881	158	ES	1053	57.29	-1.14										1.0
SMLA	HE	881	158	IAML	1053	59.71			377	0.5							
UTK	BZ	969	152	EP	1052	45.50	0.02										1.0
UTK	BN	969	152	ES	1054	16.96	0.67										1.0
UTK	BN	969	152	IAML	1054	21.36			309	0.4							
DDI	HZ	995	155	EP	1052	47.64	-0.65										1.0
DDI	HN	995	155	ES	1054	21.29	0.15										1.0
DDI	HE	995	155	IAML	1054	26.01			236	0.3							
JOSI	BN	1036	147	ES	1054	29.75	-0.03										1.0
NDI	HZ	1140	162	EP	1053	05.66	0.30										1.0
NDI	HN	1140	162	ES	1054	50.25	-0.43										1.0
MUKT	HZ	1147	149	EP	1053	06.33	-0.29										1.0
MUKT	HN	1147	149	ES	1054	53.54	0.67										1.0
MUKT	HE	1147	149	IAML	1055	00.10			857	0.3							
PTH	BZ	1160	147	EP	1053	07.52	-0.92										1.0
PTH	BN	1160	147	ES	1054	56.86	0.86										1.0
PTH	BN	1160	147	IAML	1055	01.77			49	0.3							
LGTI	BZ	1173	148	EP	1053	10.40	0.32										1.0
LGTI	BN	1173	148	ES	1054	58.83	-0.01										1.0
LGTI	BN	1173	148	IAML	1055	02.42			504	0.3							
KUDL	HZ	1181	166	EP	1053	09.05	-1.22										1.0
KUDL	HE	1181	166	ES	1054	58.83	-0.34										1.0
KUDL	HN	1181	166	IAML	1055	05.11			33	0.7							
SONA	BZ	1183	164	EP	1053	11.19	0.68										1.0
SONA	BN	1183	164	ES	1054	59.65	0.07										1.0
SONA	BN	1183	164	IAML	1055	04.17			54	0.6							
JASL	BN	1312	192	ES	1055	27.37	1.30										1.0
JODH	HZ	1361	183	EP	1053	30.73	-1.01										1.0

June 30 2023 Hour: 11:15 28.0 Lat: 32.60N Lon: 76.59E D: 5.0F Ag: NCS Local
Magnitudes: 3.1ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DHRM	HZ	48	215	EP		1115	35.75	-1.29							1.0
DHRM	HN	48	215	ES		1115	43.09	-0.56							1.0
DHRM	HE	48	215	IAML		1115	44.28			377	0.4				
THN	BZ	76	257	EP		1115	41.70	0.43							1.0
THN	BN	76	257	ES		1115	51.66	0.69							1.0
THN	BN	76	257	IAML		1115	56.19			267	0.4				
SDNR	BZ	121	166	EP		1115	48.98	-0.10							1.0
SDNR	BE	121	166	ES		1116	04.78	0.29							1.0
SDNR	BN	121	166	IAML		1116	09.49			91	0.4				
UDMP	HZ	142	285	EP		1115	51.49	-1.00							1.0
UDMP	HN	142	285	ES		1116	11.13	0.75							1.0
UDMP	HN	142	285	IAML		1116	11.92			2630	0.3				
SMLA	HZ	172	161	EP		1115	56.03	-0.43							1.0
SMLA	HN	172	161	ES		1116	18.48	1.23							1.0
SMLA	HN	172	161	IAML		1116	20.96			653	0.3				

June 30 2023 Hour: 11:33 6.5 Lat: 32.61N Lon: 76.59E D: 3.6 Ag: NCS Local
Magnitudes: 3.3ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DHRM	HZ	48	213	EP		1133	14.30	-1.31							1.0
DHRM	HN	48	213	ES		1133	21.28	-1.00							1.0
DHRM	HN	48	213	IAML		1133	25.27			1833	0.6				
THN	BZ	76	256	EP		1133	20.28	0.59							1.0
THN	BN	76	256	ES		1133	30.07	0.73							1.0
THN	BN	76	256	IAML		1133	37.25			1426	0.4				
SDNR	BZ	123	166	EP		1133	27.52	-0.26							1.0
SDNR	BE	123	166	ES		1133	44.19	0.86							1.0
SDNR	BE	123	166	IAML		1133	47.68			194	0.4				
BHK	BZ	136	188	EP		1133	29.65	-0.43							1.0
BHK	BE	136	188	ES		1133	48.05	0.75							1.0
BHK	BN	136	188	IAML		1133	51.79			668	0.6				
UDMP	HZ	141	284	EP		1133	30.33	-0.60							1.0
UDMP	HN	141	284	ES		1133	49.61	0.82							1.0
UDMP	HN	141	284	IAML		1133	50.10			19456	0.3				
JMU	BZ	166	277	EP		1133	33.38	-0.65							1.0
JMU	BN	166	277	ES		1133	54.20	0.07							1.0
SMLA	HZ	174	161	EP		1133	35.01	-0.27							1.0
SMLA	HN	174	161	ES		1133	56.63	0.33							1.0
SMLA	HE	174	161	IAML		1133	58.79			278	0.6				
UTK	BE	273	139	ES		1134	17.31	0.06							1.0
UTK	BE	273	139	IAML		1134	24.94			210	0.8				
MUKT	HZ	456	139	EP		1134	10.27	0.45							1.0
PTH	BZ	481	133	EP		1134	13.51	0.33							1.0
LGTI	BZ	488	136	EP		1134	13.96	-0.25							1.0
KUDL	HZ	496	181	EP		1134	14.45	0.14							1.0
KUDL	HE	496	181	ES		1135	03.47	-0.36							1.0
KUDL	HE	496	181	IAML		1135	06.81			9	0.3				

June 30 2023 Hour: 16:46 53.8 Lat: 20.99N Lon: 99.47E D: 17.3 Ag: NCS Local
Magnitudes: 4.3ML NCS 4.1MW NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KOHI	SZ	758	315	EP		1648	33.13	0.65							1.0
SHL	HZ	917	305	EP		1648	52.66	0.71							1.0
ZIRO	SZ	921	323	EP		1648	51.31	-0.62							1.0
TURA	SZ	1070	300	EP		1649	09.52	-0.59							1.0
DGPR	HZ	1109	220	EP		1649	14.91	0.04							1.0
BOKR	HZ	1432	285	EP		1649	54.16	-0.19							1.0
BOKR	HN	1432	285	ES		1652	06.16	0.00							1.0
BOKR	HN	1432	285	IAML		1652	09.64			46	0.2				

June 30 2023 Hour: 19:44 50.1 Lat: 37.76N Lon: 73.09E D: 18.3 Ag: NCS Local
Magnitudes: 3.5ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	568	160	EP		1946	05.38	0.29							1.0
UDMP	HN	568	160	ES		1946	58.57	-1.23							1.0
UDMP	HN	568	160	IAML		1947	03.82			179	0.3				
THN	BN	640	156	EP		1946	15.05	1.22							1.0
THN	BN	640	156	ES		1947	15.15	0.24							1.0
THN	BN	640	156	IAML		1947	19.28			22	0.4				
DHRM	HZ	678	153	EP		1946	19.13	-0.09							1.0
DHRM	HN	678	153	ES		1947	24.27	0.02							1.0
DHRM	HN	678	153	IAML		1947	29.04			26	0.6				
SDNR	BN	773	152	ES		1947	44.87	1.69							1.0
SMLA	HZ	825	152	EP		1946	36.80	0.06							1.0
SMLA	HN	825	152	ES		1947	53.58	-0.97							1.0
SMLA	HN	825	152	IAML		1947	58.75			16	0.3				
MUKT	HZ	1103	145	EP		1947	10.21	-0.48							1.0
MUKT	HN	1103	145	ES		1948	53.27	-0.02							1.0
MUKT	HE	1103	145	IAML		1948	58.10			31	0.4				

PTH	BZ	1120	142	EP	1947	12.07-0.99			1.0
PTH	BN	1120	142	ES	1948	58.33 0.94			1.0
PTH	BN	1120	142	IAML	1949	04.62	29	0.2	
LGTI	BN	1131	143	ES	1948	59.27-0.69			1.0