

Monthly Seismological Bulletin

from the

National Center For Seismology

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Ministry of Earth Sciences
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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.

December 1 2023 Hour: 14:56 1.0 Lat: 38.74N Lon: 97.68E D: 99.3 Ag: NCS Regional
Magnitudes: 5.0MW NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ITAN	SZ	1338	197	EP		1458	50.17	1.06							1.0
JORH	HZ	1368	195	EP		1458	52.67	-0.07							1.0
TEZP	SZ	1419	200	EP		1458	53.71	1.05							1.0
GUWA	SZ	1500	204	EP		1459	07.25	-1.05							1.0
IMP	SZ	1582	194	EP		1459	17.60	-0.38							1.0
SILR	SZ	1614	198	EP		1459	21.07	-0.51							1.0
TURA	SZ	1625	208	EP		1459	22.30	-0.52							1.0
SHBG	BZ	1770	215	EP		1459	39.07	-0.22							1.0
BELO	SZ	1816	201	EP		1459	44.36	-0.03							1.0
ALCI	BN	1900	261	ES	9	1503	10.60	5.87							0.0
MUKT	HZ	1951	244	EP		1459	57.93	-1.28							0.9
MUKT	HN	1951	244	ES		1503	14.94	-0.59							1.0
SDNR	BZ	2049	253	EP		1500	08.91	0.15							1.0
SMLA	HZ	2049	252	EP		1500	10.61	1.65							0.9
SMLA	HN	2049	252	ES		1503	35.29	0.18							1.0
BHK	BN	2054	253	ES		1503	36.26	0.79							1.0
DHRM	HZ	2063	256	EP		1500	10.93	0.69							1.0
DHRM	HE	2063	256	ES		1503	37.78	0.30							1.0
SRIN	BZ	2111	263	EP		1500	15.82	0.88							1.0
UDMP	HZ	2132	259	EP		1500	17.35	0.52							1.0
UDMP	HN	2132	259	ES		1503	49.83	0.20							1.0
UNCH	BZ	2163	244	EP		1500	17.97	-1.85							0.9
UNCH	BN	2163	244	ES		1503	55.35	0.23							1.0
ALCI	BZ	1900	261	EP		1459	52.54	-1.52							0.9

December 1 2023 Hour: 17:36 38.8 Lat: 24.43N Lon: 98.02E D: 10.0F Ag: NCS Local
Magnitudes: 4.2MW NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MOKO	SZ	410	301	EP		1737	34.78	0.42							1.0
IMP	SZ	415	277	EP		1737	35.00	0.12							1.0
KOHI	SZ	420	291	EP		1737	36.44	0.89							1.0
JORH	HZ	457	305	EP		1737	40.49	0.55							1.0
PASG	SZ	484	327	EP		1737	43.05	-0.15							1.0
ITAN	SZ	526	306	EP		1737	48.43	0.18							1.0
SILR	SZ	530	275	EP		1737	48.81	0.06							1.0
AZL	SZ	548	263	EP		1737	49.98	-1.00							1.0
TEZP	SZ	578	296	EP		1737	53.47	-1.13							1.0
BELO	SZ	683	260	EP		1738	08.68	1.45							1.0
TURA	SZ	797	280	EP		1738	19.34	-1.39							1.0

December 1 2023 Hour: 18:15 47.3 Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KOHI	SZ			EP		1817	26.83								
MOKO	SZ			EP		1817	28.34								

December 1 2023 Hour: 18:24 20.0 Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AZL	SZ			EP		1826	13.96								
KOHI	SZ			EP		1826	00.31								
MOKO	SZ			EP		1825	59.46								

December 2 2023 Hour: 2:55 27.4 Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HNLY	BZ	441	134	EP		0256	25.74	0.62							1.0
SMLA	HN			ES		0257	35.28								
DHRM	HN			ES		0257	09.20								
DHRM	HZ			EP		0256	26.15								
SMLA	HZ			EP		0256	42.63								

THN	BZ	EP	0256	23.40
UDMP	HE	ES	0256	59.92
ALCI	BE	ES	9 0256	17.43
ALCI	BZ	EP	9 0255	55.51

December 2 2023 Hour: 3:35 30.4 Lat: 23.18N Lon: 90.90E D: 22.3 Ag: NCS Local
Magnitudes: 5.5ML NCS Rms: 1.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BELO	SZ	57	83	EP	9	0335	44.20	3.47							0.0
BELO	SN	57	83	ES		0335	53.00	1.29							1.0
AZL	SZ	193	71	EP		0336	00.34	0.64							1.0
AZL	SN	193	71	ES		0336	20.53	-0.54							1.0
CMPI	HZ	249	82	EP		0336	07.09	0.36							1.0
CMPI	HN	249	82	ES		0336	32.33	-0.90							1.0
SILR	SZ	262	47	EP		0336	09.67	1.56							1.0
SILR	SE	262	47	ES		0336	34.60	-1.02							1.0
SILR	SN	262	47	IAML		0336	38.04		14396	0.5					1.0
TURA	SZ	267	345	EP		0336	09.56	0.80							1.0
TURA	SN	267	345	ES		0336	35.64	-1.09							1.0
TURA	SE	267	345	IAML		0336	38.19		38943	0.2					1.0
GUWA	SE	343	13	ES		0336	51.37	-1.25							1.0
IMP	SZ	360	59	EP		0336	21.57	1.54							1.0
IMP	SN	360	59	ES		0336	56.83	0.59							1.0
IMP	SN	360	59	IAML		0337	02.34		3169	0.7					1.0
COBR	BZ	374	337	EP		0336	23.28	1.56							1.0
COBR	BE	374	337	ES		0337	00.16	1.00							1.0
SHBG	BZ	402	305	EP		0336	26.71	1.57							1.0
SHBG	BN	402	305	ES		0337	05.34	0.27							1.0
KOHI	SZ	430	49	EP		0336	29.12	0.00							1.0
KOHI	SN	430	49	ES		0337	10.79	-1.16							1.0
KOHI	SE	430	49	IAML		0337	15.26		167000	0.3					1.0
TAWA	SN	498	11	EP		0336	38.34	0.75							1.0
TAWA	SE	498	11	ES		0337	26.31	-0.31							1.0
TAWA	SN	498	11	IAML		0337	31.07		9487	0.5					1.0
MOKO	SZ	505	46	EP		0336	38.55	0.38							1.0
MOKO	SZ	505	46	ES		0337	26.62	-0.99							1.0
MOKO	SZ	505	46	IAML		0337	29.95		107000	0.3					1.0
GTK	SN	513	334	EP		0336	41.87	2.60							1.0
GTK	SE	513	334	ES		0337	31.17	1.65							1.0
GTK	SE	513	334	IAML		0337	34.78		3126	0.5					1.0
BOKR	HZ	516	279	EP		0336	42.37	3.16							1.0
JORH	HZ	520	40	EP		0336	39.45	-0.07							1.0
JORH	HN	520	40	ES		0337	29.62	-0.34							1.0
JORH	HE	520	40	IAML		0337	31.34		366000	0.1					1.0
ITAN	SN	523	32	EP		0336	40.51	0.51							1.0
ITAN	SE	523	32	ES		0337	31.05	0.28							1.0
ITAN	SE	523	32	IAML		0337	33.31		10330	0.3					1.0
ZIRO	SN	565	31	EP		0336	46.23	1.09							1.0
ZIRO	SE	565	31	ES		0337	39.55	-0.13							1.0
ZIRO	SN	565	31	IAML		0337	42.93		35481	0.4					1.0
KNTI	BZ	575	270	EP		0336	49.02	2.69							1.0
BWNR	BZ	617	239	EP		0336	52.93	1.47							1.0
VAR	BZ	835	288	EP		0337	20.43	2.35							1.0
VAR	BE	835	288	ES		0338	39.76	3.09							1.0
VLK	BN	846	305	EP		0337	20.97	1.58							1.0
RAGD	BN	887	242	EP		0337	27.10	2.76							1.0
RAGD	BE	887	242	ES		0338	48.30	0.81							1.0
RAGD	BN	887	242	IAML		0338	53.87		575	0.4					1.0
BLSP	BZ	904	264	EP		0337	29.33	2.79							1.0
RAIP	HZ	977	259	EP		0337	36.84	1.37							1.0
RAIP	HN	977	259	ES		0339	06.85	0.10							1.0
VISK	HZ	994	234	EP		0337	40.31	2.86							1.0
VISK	HE	994	234	ES		0339	09.31	-0.86							1.0

VISK	HN	994	234	IAML	0339	14.92	3492	0.4	
JGDP	HZ	1026	245	EP	0337	42.80 1.36			1.0
JGDP	HE	1026	245	ES	0339	18.17 1.11			1.0
BRCH	BZ	1053	299	EP	0337	45.82 1.12			1.0
BRCH	BE	1053	299	ES	0339	22.05-0.66			1.0
LKN	BZ	1084	294	EP	0337	49.55 1.03			1.0
LKN	BN	1084	294	ES	0339	30.01 0.68			1.0
DGPR	HZ	1128	169	EP	0337	52.81-1.09			1.0
DGPR	HN	1128	169	ES	0339	38.87 0.24			1.0
DGPR	HE	1128	169	IAML	0339	45.55	1788	0.9	
NGP	BZ	1242	262	EP	0338	09.03 1.31			1.0
NGP	BN	1242	262	ES	0340	03.44 0.91			1.0
JHNI	BZ	1272	284	EP	0338	10.08-1.25			1.0
JHNI	BN	1272	284	ES	0340	08.82 0.04			1.0
PTH	BZ	1280	306	EP	0338	13.55 0.49			1.0
PTH	BE	1280	306	ES	0340	12.85 1.07			1.0
LGTI	BZ	1280	305	EP	0338	13.43 0.32			1.0
LGTI	BN	1280	305	ES	0340	11.14-0.72			1.0
VJD	BZ	1302	237	EP	0338	16.14 1.09			1.0
VJD	BE	1302	237	ES	0340	17.60 2.38			1.0
VJD	BE	1302	237	IAML	0340	20.47	608	1.1	
MUKT	HZ	1319	304	EP	0338	17.06-0.49			1.0
MUKT	HE	1319	304	ES	0340	20.00 0.46			1.0
TKRD	BZ	1372	301	EP	0338	23.94 0.23			1.0
BHPL	HZ	1379	273	EP	0338	23.34-1.10			1.0
HYB	HZ	1438	246	EP	0338	32.48 0.78			1.0
HYB	HN	1438	246	ES	0340	41.78-2.25			1.0
HYB	HN	1438	246	IAML	0340	45.86	686	1.5	
ASOR	BZ	1451	298	EP	0338	32.26-1.07			1.0
LDR	HZ	1495	296	EP	0338	37.20-1.37			1.0
NDI	HZ	1499	297	EP	0338	37.36-1.80			1.0
AYAN	BZ	1499	296	EP	0338	38.71-0.48			1.0
NPL	BZ	1501	297	EP	0338	36.96-2.42			1.0
NPL	BE	1501	297	ES	0340	55.57-1.74			1.0
NPL	BN	1501	297	IAML	0341	02.15	971	0.2	
UJWA	BZ	1523	296	EP	0338	39.65-2.43			1.0
PTDI	HZ	1525	295	EP	0338	40.43-1.97			1.0
AURD	HZ	1562	251	EP	0338	44.53-2.36			1.0
AURD	HN	1562	251	ES	0341	08.48-1.82			1.0
KNL	HZ	1579	241	EP	0338	48.65-0.26			0.9
LATR	BZ	1586	253	EP	0338	48.88-0.84			0.9
LATR	BE	1586	253	ES	0341	13.72-1.47			0.9
RTK	BZ	1586	297	EP	0338	47.37-2.32			0.9
TPTI	HZ	1587	231	EP	0338	50.60 0.74			0.9
MDRS	HZ	1598	227	EP	0338	49.88-1.27			0.9
MDRS	HN	1598	227	ES	0341	16.72-0.95			0.9
MDRS	HN	1598	227	IAML	0341	21.25	4264	0.3	
SMLA	HZ	1618	306	EP	0338	51.72-2.16			0.9
SMLA	HE	1618	306	ES	0341	23.05 0.66			0.9
SMLA	HN	1618	306	IAML	0341	30.71	1937	1.3	
SDNR	BZ	1663	307	EP	0338	57.49-1.55			0.9
SDNR	BE	1663	307	ES	0341	31.84 0.51			0.9
SLPR	HZ	1676	251	EP	0339	01.07 0.43			0.9
SLPR	HN	1676	251	ES	0341	33.40-0.68			0.9
AJM	BZ	1682	286	EP	0338	59.75-1.63			0.9
AJM	BN	1682	286	ES	0341	32.45-2.93			0.9
CHUR	HZ	1695	293	EP	0338	59.34-3.48			0.9
DHRM	HZ	1752	308	EP	0339	08.98-0.84			0.8
DHRM	HE	1752	308	ES	0341	53.63 3.66			0.8
DHRM	HN	1752	308	IAML	0341	58.59	1814	1.3	
UDPR	BZ	1756	278	EP	0339	07.47-2.71			0.8
NASK	HZ	1769	269	EP	0339	13.94 2.24			0.8
THN	BZ	1804	308	EP	0339	14.38-1.63			0.8
THN	BN	1804	308	ES	0342	04.23 3.56			0.8

THN	BN	1804	308	IAML	0342	12.14		578	0.6	
ALCI	BZ	1811	315	EP	0339	16.69-0.34				0.8
ALCI	BE	1811	315	ES	0342	04.89 2.45				0.8
AMRT	HZ	1836	304	EP	0339	18.80-0.98				0.8
AMRT	HE	1836	304	ES	0342	03.43-3.77				0.8
BKNR	BZ	1848	291	EP	0339	20.16-1.06				0.8
SRGN	BZ	1850	297	EP	0339	18.21-3.31				0.8
KAD	BZ	1862	253	EP	0339	20.13-2.80				0.8
UDMP	HZ	1886	308	EP	0339	24.03-1.78				0.7
PALG	HZ	1893	263	EP	0339	24.59-2.11				0.7
JMU	BZ	1902	308	EP	0339	25.01-2.73				0.7
MYSR	HZ	1928	234	EP	0339	29.96-0.94				0.7
BHV	BZ	1935	269	EP	0339	30.59-1.17				0.7
BOM	BZ	1937	259	EP	0339	31.28-0.70				0.7
SRIN	BZ	1978	311	EP	0339	35.40-1.57				0.7
KDGU	HZ	1978	236	EP	0339	38.11 1.06				0.7
KOD	BZ	2023	227	EP	0339	41.96-0.71				0.7
MNGI	BZ	2041	239	EP	0339	43.81-0.68				0.6
MNGI	BN	2041	239	ES	0342	50.15 0.20				0.6
CHT	HZ	2075	227	EP	0339	46.53-2.14				0.6

December 2 2023 Hour: 10:59 16.0 Lat: 36.43N Lon: 77.39E D: 10.0 Ag: NCS Local
Magnitudes: 3.6ML NCS Rms: 1.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	247	184	EP	9	1059	50.53-2.85								0.0
ALCI	BE	247	184	ES		1100	14.34-3.50								1.0
ALCI	BN	247	184	IAML		1100	16.99			1402	0.3				
UDMP	HZ	442	209	EP		1100	16.26-0.76								1.0
UDMP	HE	442	209	ES		1101	01.38-0.20								1.0
UDMP	HN	442	209	IAML		1101	05.05			667	0.3				
THN	BZ	466	199	EP		1100	18.40-1.59								1.0
THN	BN	466	199	ES		1101	09.23 2.51								1.0
THN	BN	466	199	IAML		1101	15.24			50	0.7				
DHRM	HZ	474	192	EP		1100	20.62-0.45								1.0
DHRM	HN	474	192	ES		1101	08.78 0.19								1.0
DHRM	HN	474	192	IAML		1101	17.61			599	0.4				
SDNR	BZ	544	185	EP		1100	29.95 0.38								1.0
SDNR	BE	544	185	ES		1101	23.91 0.62								1.0
SDNR	BN	544	185	IAML		1101	40.08			25	0.9				
SMLA	HZ	588	182	EP		1100	34.52-0.66								1.0
SMLA	HE	588	182	ES		1101	32.95-0.05								1.0
SMLA	HN	588	182	IAML		1101	52.86			50	0.7				

December 2 2023 Hour: 12:51 27.2 Lat: 24.12N Lon: 94.14E D: 71.0 Ag: NCS Local
Magnitudes: 3.5ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IMP	SZ	81	346	EP		1251	41.16-0.56								1.0
IMP	SN	81	346	ES		1251	52.13-0.36								1.0
IMP	SN	81	346	IAML		1251	52.94			935	0.3				
CMPI	HZ	110	231	EP		1251	44.94 0.10								1.0
CMPI	HN	110	231	ES		1251	58.25 0.33								1.0
CMPI	HN	110	231	IAML		1252	03.36			2118	0.3				
AZL	SZ	154	254	EP		1251	48.90-0.87								1.0
AZL	SN	154	254	ES		1252	07.14 0.63								1.0
AZL	SN	154	254	IAML		1252	13.33			296	0.3				
KOHI	SZ	177	359	EP		1251	52.15-0.37								1.0
KOHI	SE	177	359	ES		1252	11.50 0.22								1.0
KOHI	SE	177	359	IAML		1252	17.35			545	0.4				
MOKO	SZ	246	9	EP		1252	02.43 1.67								1.0
MOKO	SZ	246	9	ES		1252	25.73 0.11								1.0
MOKO	SZ	246	9	IAML		1252	36.20			4751	0.2				
TEZP	SZ	308	334	EP	9	1252	06.26-1.75								0.0

TEZP	SE	308	334	ES		1252	36.74	0.25								1.0
TEZP	SE	308	334	IAML		1252	38.07			148	0.3					
GUWA	SZ	337	313	EP	9	1252	09.79	-1.76								0.0
GUWA	SN	337	313	ES		1252	42.69	0.05								1.0
GUWA	SN	337	313	IAML		1252	44.63			815	0.3					
ITAN	SE	338	353	ES		1252	44.39	-0.07								1.0
ZIRO	SE	378	356	ES		1252	52.78	-0.26								1.0
ZIRO	SE	378	356	IAML		1252	55.55			457	0.5					
TURA	SZ	425	292	EP		1252	21.12	-1.01								1.0
TURA	SE	425	292	ES		1253	03.27	0.45								1.0
TURA	SE	425	292	IAML		1253	05.66			279	0.2					
TAWA	SE	447	330	ES		1253	07.27	-0.02								1.0
TAWA	SE	447	330	IAML		1253	10.33			286	0.3					

December 2 2023 Hour: 14: 2 25.7 Lat: 26.22N Lon: 92.41E D: 12.5 Ag: NCS Local
Magnitudes: 2.7ML NCS Rms: 0.9 secs
Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TEZP	SZ	59	41	EP		1402	35.37	0.12							1.0
TEZP	SN	59	41	ES		1402	42.44	0.09							1.0
TEZP	SE	59	41	IAML		1402	44.19			1673	0.1				
TEZP	SN	59	41	IAML		1402	44.34			1172	0.3				
GUWA	SZ	72	268	EP		1402	37.03	-0.26							1.0
GUWA	SN	72	268	ES		1402	46.36	0.47							1.0
GUWA	SN	72	268	IAML		1402	47.11			398	0.1				
GUWA	SE	72	268	IAML		1402	47.31			500	0.1				
TAWA	SE	162	341	ES	4	1403	09.89	1.88							0.0
ITAN	SZ	166	51	EP		1402	49.97	-0.49							1.0
ITAN	SN	166	51	ES		1403	08.37	-0.44							1.0
ITAN	SN	166	51	IAML		1403	09.52			86	0.3				
ITAN	SE	166	51	IAML		1403	09.69			69	0.2				
KOHI	SZ	178	108	EP		1402	53.26	1.15							1.0
KOHI	SN	178	108	ES		1403	11.74	0.06							1.0
KOHI	SE	178	108	IAML		1403	23.84			70	0.8				
KOHI	SN	178	108	IAML		1403	24.53			46	0.8				
ZIRO	SZ	204	44	EP		1402	55.90	0.76							1.0
MOKO	SZ	210	86	EP		1402	56.81	0.73							1.0
IMP	SZ	218	135	EP		1402	54.76	-2.19							1.0
TURA	SZ	233	251	EP	9	1403	04.71	5.93							0.0
TURA	SN	233	251	ES		1403	28.59	-0.63							1.0
TURA	SN	233	251	IAML		1403	33.19			83	0.4				
TURA	SE	233	251	IAML		1403	35.21			85	0.4				
AZL	SN	276	174	ES		1403	38.92	1.85							1.0
AZL	SN	276	174	IAML		1403	44.31			271	0.5				
AZL	SZ	276	174	EP	9	1403	08.57	4.40							0.0

December 2 2023 Hour: 14:36 59.5 Lat: 8.49N Lon: 127.32E D: 40.0F Ag: NCS Distant
Magnitudes: 7.2Mb NCS 6.9MW NCS Rms: 1.2 secs
Rms: 1.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DGPR	HZ	3793	281	EP		1443	39.59	-0.74							1.0
IMP	SZ	3976	301	EP		1443	53.47	-0.98							1.0
MOKO	SZ	3987	304	EP		1443	54.51	-1.18							1.0
PASG	SZ	3996	307	EP		1443	55.87	-0.07							1.0
KOHI	SZ	3998	303	EP		1443	54.82	-1.81							1.0
JORH	HZ	4030	304	EP		1443	58.97	0.46							1.0
AZL	SZ	4055	299	EP		1444	00.65	0.14							1.0
AZL	SZ	4055	299	IAmb		1444	04.36			16946	4.1				
SILR	SZ	4083	300	EP		1444	02.94	0.37							1.0
ITAN	SZ	4096	305	EP		1444	03.04	-0.59							1.0
ZIRO	SZ	4102	305	EP		1444	04.73	0.68							1.0
TEZP	SZ	4157	303	EP		1444	06.59	-1.66							1.0
BELO	SZ	4159	297	EP		1444	09.81	1.43							1.0
BELO	SZ	4159	297	IAmb		1444	21.83			10818	11.8				

GUWA	SZ	4242	302	EP	1444	14.53-0.19		1.0
TURA	SZ	4355	300	EP	1444	23.84 0.60		1.0
COBR	BZ	4456	301	EP	1444	31.28 0.58		1.0
JPG	BZ	4536	301	EP	1444	37.97 1.31		1.0
SHBG	BZ	4594	299	EP	1444	42.33 1.38		1.0
BOKR	HZ	4722	296	EP	1444	52.37 1.90		1.0
VISK	HZ	4867	287	EP	1445	02.18 1.29		1.0
STMR	BZ	4869	300	EP	1445	03.20 2.21		1.0
VAR	BZ	5046	297	EP	1445	14.39 0.64		1.0
BLSP	BZ	5056	293	EP	1445	12.64-1.82		1.0
RAIP	HZ	5092	291	EP	1445	17.14 0.05		1.0
HRYA	BZ	5137	299	EP	1445	20.26 0.06		1.0
VJD	BZ	5139	285	EP	1445	21.57 1.21		1.0
TPTI	HZ	5238	281	EP	1445	28.68 1.36		1.0
LKN	BZ	5289	299	EP	1445	30.96 0.06		1.0
JBPL	HZ	5303	294	EP	1445	32.01 0.20		1.0
NGP	BZ	5360	291	EP	1445	35.97 0.16		1.0
HYB	HZ	5369	286	EP	1445	36.62 0.10		1.0
KNL	HZ	5413	283	EP	1445	38.11-1.44		1.0
PTH	BZ	5434	302	EP	1445	41.14-0.42		1.0
LGTI	BZ	5440	302	EP	1445	40.20-1.88		1.0
JHNI	BZ	5481	296	EP	1445	43.99-0.17		1.0
MUKT	HZ	5482	302	EP	1445	44.40-0.16		1.0
CHT	HZ	5504	276	EP	1445	46.13 0.35		0.0
TKRD	BZ	5549	301	EP	1445	48.38-0.43		1.0
BHPL	HZ	5558	293	EP	1445	49.26-0.20		1.0
LATR	BZ	5591	287	EP	1445	50.81-0.94		1.0
UNCH	BZ	5597	300	EP	1445	51.07-1.04		1.0
KDGU	HZ	5638	279	EP	1445	55.67 0.72		1.0
NRDN	BZ	5640	292	EP	4 1445	56.27 1.29		0.0
ASOR	BZ	5641	300	EP	1445	54.61-0.49		1.0
ASOR	BZ	5641	300	IAmb	1446	06.85	5729 10.9	
SLPR	HZ	5649	286	EP	1445	56.74 1.03		1.0
BISR	BZ	5668	300	EP	1445	56.13-0.78		1.0
JMIU	BZ	5683	300	EP	1445	56.99-0.87		1.0
LDR	HZ	5689	300	EP	1445	57.68-0.61		1.0
AYAN	BZ	5695	300	EP	1445	58.16-0.63		1.0
UJWA	BZ	5719	300	EP	1445	59.60-0.74		1.0
PTDI	HZ	5725	299	EP	1446	00.06-0.71		1.0
JHJR	BZ	5745	300	EP	1446	01.89-0.16		1.0
KUDL	HZ	5749	299	EP	1446	02.02-0.28		1.0
SMLA	HZ	5761	303	EP	1446	04.30 0.92		1.0
RTK	BZ	5777	300	EP	1446	04.07-0.15		1.0
SUPA	HZ	5787	283	EP	1446	01.47-3.52		1.0
SDNR	BZ	5797	303	EP	1446	06.34 0.76		1.0
ALCI	BZ	5854	307	EP	1446	10.07 0.54		1.0
DHRM	HZ	5872	304	EP	1446	11.68 1.06		1.0
AJM	BZ	5894	297	EP	1446	07.22-4.81		1.0
AJM	BZ	5894	297	IAmb	1446	16.12	7115 2.6	
THN	BZ	5923	304	EP	1446	14.76 0.77		1.0
UDPR	BZ	5954	294	EP	1446	16.19 0.24		1.0
PALG	HZ	5983	289	EP	1446	19.23 1.31		1.0
AMRT	HZ	5984	303	EP	1446	18.96 1.03		1.0
UDMP	HZ	5998	305	EP	1446	20.09 1.19		1.0
SRAT	HZ	6010	290	EP	1446	21.66 2.06		1.0
SRGN	BZ	6037	301	EP	1446	22.05 0.59		1.0
JODH	HZ	6047	296	EP	1446	22.30 0.22		1.0
BKNR	BZ	6056	298	EP	1446	22.11-0.54		1.0
SRIN	BZ	6060	306	EP	1446	23.68 0.74		1.0
BHV	BZ	6078	291	EP	1446	24.75 0.64		1.0
BHK	BZ			IP	1443	23.02		

December 2 2023 Hour: 15: 6 7.4

Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ			EP		1509	15.02								
BKNR	BZ			EP		1509	20.30								
MUKT	HZ			EP		1515	27.58								
KNL	HZ			EP		1515	30.56								
CHT	HZ			EP		1515	29.37								
VISK	HE			ES		1516	30.11								
HYB	HN			ES		1515	25.49								
DHRM	HE			ES		1515	54.46								
DHRM	HZ			EP		1509	16.17								
SMLA	HZ			EP		1509	09.17								
SMLA	HN			ES		1515	47.28								
BOKR	HZ			EP		1507	56.44								
BOKR	HN			ES		1514	34.69								
BHPL	HZ			EP		1508	54.80								
BHPL	HN			ES		1515	32.12								
AJM	BZ			EP		1509	17.80								
TURA	SZ			EP		1507	28.54								
AZL	SZ			EP		1507	05.14								
AZL	SN			ES		1513	44.98								
KOHI	SE			ES		1513	41.22								
KOHI	SZ			EP		1509	29.19								
TEZP	SE			ES		1513	41.00								
MOKO	SZ			EP		1509	26.76								
ZIRO	SE			ES		1513	48.86								
PASG	SZ			EP		1507	00.44								

December 2 2023 Hour: 15:30 50.6

Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KOHI	SZ			EP		1537	58.00								
PASG	SZ			EP		1537	57.28								
TURA	SZ			EP		1538	25.71								
CMPI	HZ			EP		1537	57.15								

December 2 2023 Hour: 15:39 10.9

Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SMLA	HZ			EP		1540	05.41								
SDNR	BZ			EP		1540	07.20								
MUKT	HE			ES		1540	07.53								
UDMP	HZ			EP		1540	25.86								
SDNR	BE			ES		1540	29.62								
SMLA	HN			ES		1540	27.88								
MUKT	HZ			EP		1539	45.81								
PTH	BZ			ES		1540	00.88								
DHRM	HZ			EP		1540	12.33								

December 2 2023 Hour: 15:45 43.3

Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TURA	SZ			EP		1548	01.16								
KOHI	SZ			EP		1547	33.54								
AZL	SZ			EP		1547	37.49								
JBPL	HZ			EP		1547	10.57								

December 2 2023 Hour: 16: 3 37.8 Lat: 8.40N Lon: 127.08E D: 25.0F

Ag: NCS Distant

Magnitudes: 6.2MW NCS

Rms: 0.9 secs

Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DGPR	HZ	3769	281	EP		1610	18.39	-0.10							1.0
IMP	SZ	3958	301	EP		1610	33.06	-0.23							1.0
CMPI	HZ	3968	299	EP		1610	34.56	0.46							1.0
MOKO	SZ	3970	304	EP		1610	33.72	-0.53							1.0
PASG	SZ	3981	307	EP		1610	33.89	-0.99							1.0

GUWA	SZ	4225	302	EP	1610	52.98	-0.56										1.0
SHBG	BZ	4575	299	EP	1611	21.02	1.30										0.9
BWNR	BZ	4626	291	EP	1611	23.88	0.42										1.0
BOKR	HZ	4703	296	EP	1611	30.33	1.18										1.0
VISK	HZ	4844	287	EP	1611	39.49	0.07										1.0
STMR	BZ	4850	300	EP	1611	39.64	-0.20										1.0
RAGD	BZ	4852	289	EP	1611	40.15	0.10										1.0
VAR	BZ	5027	297	EP	1611	53.42	0.87										1.0
RAIP	HZ	5071	291	EP	1611	56.57	0.86										1.0
VJD	BZ	5116	285	EP	1611	59.35	0.46										1.0
LKN	BZ	5272	299	EP	1612	10.24	0.39										1.0
NGP	BZ	5338	291	EP	1612	14.61	0.09										1.0
PTH	BZ	5417	302	EP	1612	19.74	-0.42										1.0
LGTI	BZ	5422	302	EP	1612	20.50	-0.03										1.0
JHNI	BZ	5462	296	EP	1612	23.11	0.06										1.0
MUKT	HZ	5465	302	EP	1612	22.88	-0.66										1.0
CHT	HZ	5479	276	EP	1612	25.09	0.76										0.0
BHPL	HZ	5538	293	EP	1612	28.61	0.32										1.0
LATR	BZ	5568	287	EP	1612	29.71	-0.72										1.0
UNCH	BZ	5598	300	EP	1612	29.96	-2.38										0.8
KDGU	HZ	5613	279	EP	1612	31.20	-2.31										0.8
SLPR	HZ	5626	286	EP	1612	34.23	-0.12										1.0
LDR	HZ	5671	300	EP	1612	34.88	-2.42										0.8
NDI	HZ	5674	300	EP	1612	36.93	-0.59										1.0
AYAN	BZ	5677	300	EP	1612	36.70	-1.02										1.0
UJWA	BZ	5701	300	EP	1612	38.29	-1.01										1.0
KUDL	HZ	5730	299	EP	1612	38.33	-2.97										0.7
SMLA	HZ	5744	303	EP	1612	43.03	0.48										1.0
RTK	BZ	5759	300	EP	1612	43.53	0.33										1.0
BHK	BZ	5773	303	EP	1612	44.48	0.30										1.0
SDNR	BZ	5780	304	EP	1612	45.21	0.47										1.0
KAD	BZ	5809	285	EP	1612	47.38	0.73										1.0
ALCI	BZ	5838	307	EP	1612	49.38	0.41										1.0
DHRM	HZ	5856	304	EP	1612	50.18	0.23										1.0
THN	BZ	5907	304	EP	1612	53.19	0.05										1.0
UDPR	BZ	5933	294	EP	1612	55.34	0.43										1.0
UDMP	HZ	5982	305	EP	1612	58.89	0.77										1.0
SRGN	BZ	6020	301	EP	1613	01.13	0.63										1.0
BKNR	BZ	6041	299	EP	1613	02.29	0.40										1.0
SRIN	BZ	6044	306	EP	1613	03.14	0.82										1.0
BHUJ	HZ	6327	292	EP	1613	17.07	-3.33										0.0
AJM	BZ	5874	297	EP	1612	52.12	1.15										1.0

December 2 2023 Hour: 16:19 11.6

Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AZL	SZ			EP		1626	44.39								
BELO	SZ			EP		1626	51.48								
IMP	SZ			EP		1626	22.51								
KOHI	SZ			EP		1626	39.50								
MOKO	SZ			EP		1626	38.93								
PASG	SZ			EP		1626	38.63								
TEZP	SZ			EP		1626	55.96								
TURA	SZ			EP		1627	04.70								
ZIRO	SZ			EP		1626	49.17								
BHPL	HZ			EP		1625	47.02								
BOKR	HZ			EP		1624	49.25								
SMLA	HZ			EP		1626	00.54								
NPL	BZ			EP		1625	54.60								
NDI	HZ			EP		1625	54.22								

December 2 2023 Hour: 16:46 40.3

Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AZL	SZ			EP		1654	17.15								
IMP	SZ			EP		1654	14.50								
KOHI	SZ			EP		1653	56.95								
PASG	SZ			EP		1654	12.28								
TURA	SZ			EP		1654	40.44								
KUDL	HZ			EP		1656	17.95								
SDNR	BZ			EP		1656	09.92								

December 2 2023 Hour: 16:52 32.4

Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BELO	SZ			EP		1700	15.64								
IMP	SZ			EP		1659	59.43								
ITAN	SZ			EP		1659	44.98								
KOHI	SZ			EP		1700	01.70								
MOKO	SZ			EP		1700	01.25								
PASG	SZ			EP		1700	02.14								
TEZP	SZ			EP		1700	05.97								
TURA	SZ			EP		1700	30.45								
ZIRO	SZ			EP		1658	20.76								
BOKR	HZ			EP		1700	57.64								
DHRM	HZ			EP		1702	16.94								
SMLA	HZ			EP		1702	09.87								
BHPL	HZ			EP		1701	55.11								
AJM	BZ			EP		1702	15.39								
ALCI	BZ			EP		1702	11.76								
AYAN	BZ			EP		1702	02.82								
KUDL	HZ			EP		1702	07.51								
LATR	BZ			EP		1701	58.37								
LGTI	BZ			EP		1701	46.42								
NDI	HZ			EP		1702	04.04								
NPL	BZ			EP		1702	03.29								
PTH	BZ			EP		1701	45.81								
SDNR	BZ			EP		1702	11.90								
SHBG	BZ			EP		1700	48.14								
THN	BZ			EP		1702	19.47								
UDPR	BZ			EP		1702	20.91								
RAGD	BZ			EP		1701	07.76								
AZL	SZ			EP		1700	07.02								

December 2 2023 Hour: 17:40 14.9 Lat: 8.82N Lon: 127.70E D: 75.0F

Ag: NCS Distant

Magnitudes: 6.3MW NCS

Rms: 0.7 secs

Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IMP	SZ	3994	301	EP		1747	07.21	-0.54							1.0
MOKO	SZ	4002	303	EP		1747	09.25	0.45							1.0
PASG	SZ	4008	306	EP		1747	08.51	-0.31							1.0
KOHI	SZ	4014	302	EP		1747	08.95	-0.87							1.0
AZL	SZ	4075	298	EP		1747	14.44	0.48							1.0
SILR	SZ	4101	300	EP		1747	16.21	0.32							1.0
ITAN	SZ	4110	304	EP		1747	17.48	0.82							1.0
ZIRO	SZ	4115	305	EP		1747	17.19	0.17							1.0
TEZP	SZ	4173	303	EP		1747	20.81	-0.54							1.0
BELO	SZ	4180	297	EP		1747	22.65	0.76							1.0
TURA	SZ	4373	300	EP		1747	36.10	-0.41							1.0
SHBG	BZ	4613	298	EP		1747	54.17	-0.08							1.0
BOKR	HZ	4744	296	EP		1748	04.41	0.49							1.0
STMR	BZ	4887	300	EP		1748	15.79	1.65							0.9
VISK	HZ	4897	286	EP		1748	14.18	-0.68							1.0
JGDP	HZ	5049	288	EP		1748	25.21	-0.56							1.0
RAIP	HZ	5118	291	EP		1748	30.75	0.02							1.0
VJD	BZ	5171	284	EP		1748	35.42	1.06							1.0

TPTI	HZ	5273	280	EP	1748	42.01	0.51	1.0
LKN	BZ	5309	298	EP	1748	44.09	0.05	1.0
NGP	BZ	5386	290	EP	1748	49.36	-0.04	1.0
KNL	HZ	5446	283	EP	1748	53.67	0.14	1.0
PTH	BZ	5451	302	EP	1748	53.58	-0.87	1.0
LGTI	BZ	5457	301	EP	1748	54.09	-0.89	1.0
MUKT	HZ	5499	301	EP	1748	56.68	-0.78	1.0
JHNI	BZ	5503	296	EP	1748	57.03	-0.36	1.0
BHPL	HZ	5583	293	EP	1749	03.49	0.64	1.0
LATR	BZ	5621	287	EP	1749	05.34	-0.15	1.0
SLPR	HZ	5680	286	EP	1749	08.62	-0.86	1.0
LDR	HZ	5708	300	EP	1749	10.28	-0.96	1.0
AYAN	BZ	5714	299	EP	1749	09.83	-1.92	0.9
PTDI	HZ	5744	299	EP	1749	12.91	-0.83	1.0
KUDL	HZ	5768	299	EP	1749	14.31	-0.97	1.0
SMLA	HZ	5776	303	EP	1749	16.77	0.64	1.0
RTK	BZ	5795	300	EP	1749	17.03	-0.10	1.0
KAD	BZ	5863	285	EP	1749	21.45	-0.21	1.0
AJM	BZ	5915	296	EP	1749	26.00	0.87	1.0
CHUR	HZ	5918	299	EP	1749	25.63	0.34	1.0
THN	BZ	5938	304	EP	1749	27.67	1.05	1.0
UDPR	BZ	5977	294	EP	1749	29.53	0.36	1.0
AMRT	HZ	6000	303	EP	1749	31.96	1.34	0.9
PALG	HZ	6012	288	EP	1749	31.38	-0.07	1.0
UDMP	HZ	6013	304	EP	1749	31.39	-0.10	1.0
JODH	HZ	6068	296	EP	1749	35.30	0.13	1.0
SRIN	BZ	6073	306	EP	1749	35.88	0.44	1.0
BKNR	BZ	6076	298	EP	1749	35.86	0.25	1.0

December 2 2023 Hour: 18: 8 50.8

Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AZL	SZ			EP		1816	23.90								
BELO	SZ			EP		1816	34.19								
ITAN	SZ			EP		1816	27.07								
KOHI	SZ			EP		1816	19.51								
MOKO	SZ			EP		1816	19.58								
PASG	SZ			EP		1816	18.28								
TEZP	SZ			EP		1816	31.72								
TURA	SZ			EP		1816	47.57								
ZIRO	SZ			EP		1816	28.37								
BOKR	HZ			EP		1817	15.96								
DHRM	HZ			EP		1818	35.18								
SMLA	HZ			EP		1818	27.00								
KUDL	HZ			EP		1818	25.08								
LATR	BZ			EP		1818	16.13								
LGTI	BZ			EP		1818	05.07								
NDI	HZ			EP		1818	21.02								
NGP	BZ			EP		1818	00.70								
NPL	BZ			EP		1818	21.76								
PTH	BZ			EP		1818	03.14								
RAGD	BZ			EP		1817	25.91								
SDNR	BZ			EP		1818	29.23								
SHBG	BZ			EP		1817	06.32								
SRGN	BZ			EP		1818	45.36								
THN	BZ			EP		1818	38.74								
UDPR	BZ			EP		1818	39.78								
UJWA	BZ			EP		1818	24.28								
BHPL	HZ			EP		1818	13.16								
UDMP	HZ			EP		1818	43.42								
MUKT	HZ			EP		1818	07.29								
CHT	HZ			EP		1818	09.81								
CHUR	HZ			EP		1818	35.52								
JBPL	HZ			EP		1817	56.23								
PALG	HZ			EP		1818	41.42								

December 2 2023 Hour: 18:20 3.5

Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KOHI	SZ			EP		1827	28.62								
PASG	SZ			EP		1827	30.56								
TURA	SZ			EP		1827	59.30								
AZL	SZ			EP		1827	36.12								
SHBG	BZ			EP		1828	16.89								
RAIP	HZ			EP		1828	53.33								
BOKR	HZ			EP		1828	27.83								
RAGD	BZ			EP		1828	37.71								
BELO	SZ			EP		1827	45.44								

**December 2 2023 Hour: 22:37 23.6 Lat: 36.84N Lon: 70.96E D:145.0F
Magnitudes: 4.2ML NCS
Rms: 0.7 secs**

Ag: NCS Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	467	130	EP		2238	26.04	-0.06							1.0
UDMP	HZ	579	138	EP		2238	40.00	0.66							1.0
UDMP	HE	579	138	ES		2239	34.15	-0.46							1.0
ALCI	BZ	635	115	EP		2238	45.92	-0.38							1.0
ALCI	BE	635	115	ES		2239	46.93	0.29							1.0
ALCI	BE	635	115	IAML		2239	49.05			926	0.4				
ALCI	BN	635	115	IAML		2239	52.13			753	0.2				
THN	BZ	660	136	EP		2238	50.79	1.73							1.0
DHRM	HN	707	135	EP		2238	53.63	-1.13							1.0
DHRM	HE	707	135	ES		2240	01.59	0.31							1.0
DHRM	HE	707	135	IAML		2240	04.21			176	0.4				
DHRM	HN	707	135	IAML		2240	07.11			217	0.7				
SDNR	BZ	804	135	EP		2239	05.38	-0.91							1.0
SDNR	BE	804	135	ES		2240	20.98	-0.25							1.0
SDNR	BN	804	135	IAML		2240	24.63			480	0.3				
SMLA	HZ	855	136	EP		2239	12.71	0.08							1.0
SMLA	HE	855	136	ES		2240	32.32	0.13							1.0
SMLA	HN	855	136	IAML		2240	37.72			70	0.3				
SMLA	HE	855	136	IAML		2240	40.33			72	0.5				

**December 3 2023 Hour: 1:13 41.6 Lat: 23.61N Lon: 94.11E D:102.0
Magnitudes: 3.6ML NCS
Rms: 0.8 secs**

Ag: NCS Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AZL	SN	145	276	ES		0114	20.85	-0.86							1.0
AZL	SN	145	276	IAML		0114	21.08			1500	0.4				
SILR	SZ	186	315	EP		0114	10.05	1.23							1.0
SILR	SE	186	315	ES		0114	29.87	0.90							1.0
SILR	SN	186	315	IAML		0114	36.31			790	0.5				
SILR	SE	186	315	IAML		0114	38.81			1096	0.4				
KOHI	SZ	234	0	EP		0114	14.37	0.00							1.0
KOHI	SE	234	0	ES		0114	39.53	0.90							1.0
KOHI	SN	234	0	IAML		0114	45.77			620	0.6				
KOHI	SE	234	0	IAML		0114	50.57			918	0.4				
MOKO	SZ	303	8	EP		0114	22.91	0.59							1.0
TEZP	SZ	359	339	EP		0114	28.15	-0.46							1.0
TEZP	SE	359	339	ES		0115	02.30	-1.09							1.0
TEZP	SN	359	339	IAML		0115	06.74			535	0.2				
TEZP	SE	359	339	IAML		0115	07.09			381	0.3				
TURA	SN	447	299	EP		0114	39.34	0.42							1.0
TURA	SE	447	299	ES		0115	20.64	-0.71							1.0
PASG	SZ	508	14	EP		0114	44.89	-1.24							1.0
BOKR	HN	839	273	EP		0115	25.64	0.68							1.0
BOKR	HE	839	273	ES		0116	41.95	0.50							1.0
AZL	SZ	145	276	EP		0114	03.79	-0.86							1.0

December 3 2023 Hour: 8:32 38.7 Lat: 26.52N Lon: 92.53E D: 47.5 Ag: NCS Local
Magnitudes: 2.8ML NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TEZP	SZ	29	68	EP		0832	46.64	-0.01							1.0
TEZP	SE	29	68	ES		0832	52.64	0.13							1.0
TEZP	SN	29	68	IAML		0832	53.12			1255	0.1				
GUWA	SN	91	247	EP		0832	53.26	0.11							1.0
GUWA	SE	91	247	ES		0833	03.55	-0.27							1.0
GUWA	SE	91	247	IAML		0833	04.89			196	0.1				
TAWA	SN	136	331	EP		0832	59.37	0.84							1.0
TAWA	SE	136	331	ES		0833	12.60	-0.59							1.0
TAWA	SE	136	331	IAML		0833	14.60			297	0.2				
KOHI	SZ	181	119	EP		0833	04.09	-0.11							1.0
KOHI	SE	181	119	ES		0833	22.85	-0.19							1.0
KOHI	SE	181	119	IAML		0833	25.10			156	0.3				
SILR	SZ	195	172	EP		0833	06.01	0.25							1.0
MOKO	SZ	199	96	EP		0833	06.27	-0.17							1.0

December 3 2023 Hour: 10:35 56.8 Lat: 8.33N Lon: 126.93E D: 70.0F Ag: NCS Distant
Magnitudes: 6.1MW NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DGPR	HZ	3755	281	EP		1042	30.03	-1.62							0.9
IMP	SZ	3949	302	EP		1042	46.06	-0.73							1.0
CMPI	HZ	3958	299	EP		1042	47.60	0.04							1.0
MOKO	SZ	3961	304	EP		1042	47.10	-0.71							1.0
JORH	HZ	4005	305	EP		1042	51.95	1.01							1.0
BELO	SZ	4129	298	EP		1043	02.26	1.79							0.9
GUWA	SZ	4216	302	EP		1043	06.88	-0.15							1.0
COBR	BZ	4429	301	EP		1043	22.41	-0.56							1.0
SHBG	BZ	4565	299	EP		1043	34.15	1.04							1.0
BOKR	HZ	4692	296	EP		1043	43.88	1.41							0.9
KNTI	BZ	4746	296	EP		1043	46.72	0.28							1.0
VISK	HZ	4831	287	EP		1043	52.88	0.32							1.0
RAJM	HZ	4978	286	EP		1043	59.63	-3.44							0.6
VAR	BZ	5017	297	EP		1044	06.64	0.79							1.0
RAIP	HZ	5059	292	EP		1044	09.17	0.27							1.0
VJD	BZ	5103	285	EP		1044	12.56	0.59							1.0
ALBI	BZ	5134	297	EP		1044	14.78	0.64							1.0
TPTI	HZ	5200	281	EP		1044	18.71	-0.13							1.0
LKN	BZ	5262	299	EP		1044	23.25	0.10							1.0
JBPL	HZ	5271	294	EP		1044	25.05	1.22							1.0
NGP	BZ	5326	291	EP		1044	26.32	-1.35							0.9
HYB	HZ	5333	286	EP		1044	29.75	1.60							0.9
KNL	HZ	5376	284	EP		1044	29.08	-2.07							0.9
PTH	BZ	5408	302	EP		1044	32.87	-0.63							1.0
ATP	HZ	5413	282	EP		1044	34.53	0.83							1.0
KOD	BZ	5434	276	EP		1044	37.18	1.69							0.0
JHNI	BZ	5451	296	EP		1044	35.50	-0.79							1.0
MUKT	HZ	5455	302	EP		1044	35.77	-1.10							1.0
CHT	HZ	5464	276	EP		1044	37.55	0.29							1.0
TKRD	BZ	5522	301	EP		1044	40.16	-0.95							1.0
BHPL	HZ	5526	293	EP		1044	42.88	1.41							0.9
LATR	BZ	5556	287	EP		1044	44.42	0.92							1.0
KDGU	HZ	5599	279	EP		1044	46.77	0.30							1.0
ASOR	BZ	5613	300	EP		1044	47.28	-0.04							1.0
SLPR	HZ	5613	286	EP		1044	47.33	-0.07							1.0
HNLV	BZ	5624	306	EP		1044	50.34	1.67							0.9
BISR	BZ	5640	300	EP		1044	48.73	-0.41							1.0
FBD	HZ	5648	300	EP		1044	48.67	-0.99							1.0
JMIU	BZ	5654	300	EP		1044	49.71	-0.36							1.0
LDR	HZ	5661	300	EP		1044	50.02	-0.56							1.0

NDI	HZ	5665	300	EP	1044	49.37-1.43	0.9
NPL	BZ	5667	300	EP	1044	50.24-0.74	1.0
AYAN	BZ	5667	300	EP	1044	49.83-1.16	1.0
UJWA	BZ	5691	300	EP	1044	51.13-1.44	0.9
GNR	BZ	5694	301	EP	1044	52.24-0.57	1.0
MNGI	BZ	5711	280	EP	1044	54.68 0.71	1.0
KUDL	HZ	5720	299	EP	1044	53.75-0.80	1.0
SMLA	HZ	5736	303	EP	1044	57.02 1.15	1.0
CGRH	BZ	5760	303	EP	1044	57.23 0.01	1.0
BHK	BZ	5764	304	EP	1044	57.57 0.06	1.0
SDNR	BZ	5771	304	EP	1044	58.10 0.03	1.0
ALCI	BZ	5831	307	EP	1045	01.69-0.67	1.0
DHRM	HZ	5847	304	EP	1045	03.84 0.55	1.0
AJM	BZ	5864	297	EP	1045	04.09-0.07	1.0
CHUR	HZ	5870	299	EP	1045	04.76 0.20	1.0
THN	BZ	5898	304	EP	1045	07.18 0.71	1.0
UDPR	BZ	5922	294	EP	1045	07.79-0.27	1.0
PALG	HZ	5949	289	EP	1045	09.94 0.21	1.0
BOM	BZ	5950	287	EP	1045	08.06-1.78	0.9
AMRT	HZ	5958	303	EP	1045	11.10 0.75	1.0
JMU	BZ	5997	305	EP	1045	13.40 0.51	1.0
SRGN	BZ	6010	301	EP	1045	14.16 0.41	1.0
JODH	HZ	6016	296	EP	1045	13.32-0.86	1.0
BKNR	BZ	6031	299	EP	1045	15.19 0.08	1.0
SRIN	BZ	6036	306	EP	1045	16.34 0.67	1.0
BHV	BZ	6045	291	EP	1045	16.88 0.84	1.0
JASL	BZ	6239	297	EP	1045	29.22 0.62	1.0

December 3 2023 Hour: 16:51 57.0 Lat: 27.39N Lon: 90.90E D: 10.0F Ag: NCS Local
Magnitudes: 2.5ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TAWA	SE	98	76	ES		1652	26.02-1.71								1.0
TAWA	SE	98	76	IAML		1652	27.50			113	0.1				
TEZP	SZ	207	114	EP		1652	29.69 0.39								1.0
TEZP	SE	207	114	ES		1652	53.21 0.34								1.0
TEZP	SN	207	114	IAML		1652	54.44			25	0.1				
TURA	SN	218	198	EP		1652	30.93 0.23								1.0
TURA	SE	218	198	ES		1652	54.46-0.84								1.0
TURA	SN	218	198	IAML		1652	56.90			69	0.2				
ZIRO	SZ	292	86	EP		1652	39.62-0.12								1.0
ZIRO	SE	292	86	ES		1653	12.48 1.54								1.0
ZIRO	SE	292	86	IAML		1653	21.70			28	0.3				
TAWA	SN	98	76	EP		1652	14.94 0.17								1.0

December 3 2023 Hour: 18:22 21.6 Lat: 32.28N Lon: 69.64E D: 11.4 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
SRGN	BZ	481	122	EP		1823	25.07-0.43								1.0
SRGN	BE	481	122	ES		1824	13.09 0.31								1.0
SRGN	BE	481	122	IAML		1824	46.64			4241	0.1				
AMRT	HZ	502	97	EP		1823	26.18-1.86								1.0
UDMP	HZ	519	81	EP		1823	30.02-0.13								1.0
SRIN	BZ	520	66	EP		1823	31.18 0.87								1.0
BKNR	BZ	571	141	EP		1823	38.14 1.76								1.0
THN	BZ	580	87	EP		1823	36.55-0.96								1.0
JASL	BZ	606	168	EP		1823	41.13 0.56								1.0
JASL	BE	606	168	ES		1824	38.12-0.89								1.0
JASL	BE	606	168	IAML		1824	39.31			721	0.4				
JASL	BN	606	168	IAML		1824	40.97			805	0.3				
DHRM	HZ	628	89	EP		1823	43.60 0.18								1.0
CHUR	HZ	676	130	EP		1823	48.62-0.47								1.0
CHUR	HN	676	130	ES		1824	54.18 0.34								1.0

CHUR	HE	676	130	IAML	1824	57.78	1191	0.4	
CHUR	HN	676	130	IAML	1824	58.06	1441	0.2	
SDNR	BZ	692	95	EP	1823	50.59-0.48			1.0
BHK	BZ	697	96	EP	9 1823	45.17-6.50			0.0
BHK	BE	697	96	ES	1824	50.80-1.02			1.0
BHK	BE	697	96	IAML	1824	53.26	477	0.2	
BHK	BN	697	96	IAML	1824	55.04	533	0.3	
SMLA	HZ	724	98	EP	1823	55.27 0.22			1.0
SMLA	HE	724	98	ES	1825	05.28 1.08			1.0
SMLA	HN	724	98	IAML	1825	11.17	299	0.3	
SMLA	HE	724	98	IAML	1825	11.79	330	0.4	
ALCI	BZ	735	71	EP	1823	56.56 0.18			1.0
JODH	HZ	744	153	EP	1823	56.85-0.33			1.0
JODH	HE	744	153	ES	1825	07.98 0.07			1.0
JODH	HE	744	153	IAML	1825	11.63	470	0.0	
JODH	HN	744	153	IAML	1825	13.12	548	0.3	

December 3 2023 Hour: 19:49 39.1 Lat: 9.39N Lon: 127.40E D: 80.0F Ag: NCS Distant
 Magnitudes: 6.8MW NCS Rms: 1.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MOKO	SZ	3939	303	EP		1956	26.44-1.01								1.0
JORH	HZ	3981	303	EP		1956	29.11-1.39								1.0
BELO	SZ	4121	296	EP		1956	42.13 0.92								1.0
SHBG	BZ	4554	298	EP		1957	14.31 0.69								1.0
STMR	BZ	4827	299	EP		1957	35.03 1.50								1.0
RAJM	HZ	4996	285	EP		1957	45.49-0.20								1.0
VAR	BZ	5009	296	EP		1957	47.64 1.02								1.0
RAIP	HZ	5064	290	EP		1957	50.88 0.28								1.0
VJD	BZ	5123	284	EP		1957	55.58 0.86								1.0
TPTI	HZ	5229	280	EP		1958	02.73 0.56								1.0
LKN	BZ	5251	298	EP		1958	04.32 0.63								1.0
JBPL	HZ	5271	293	EP		1958	05.07-0.08								1.0
NGP	BZ	5333	290	EP		1958	09.77 0.33								1.0
PTH	BZ	5389	301	EP		1958	13.22-0.30								1.0
LGTI	BZ	5395	301	EP		1958	13.77-0.15								1.0
KNL	HZ	5399	283	EP		1958	14.34 0.31								1.0
MUKT	HZ	5437	301	EP		1958	17.04 0.10								1.0
ATP	HZ	5439	281	EP		1958	17.53 0.72								1.0
JHNI	BZ	5445	296	EP		1958	16.65-0.54								1.0
CHT	HZ	5503	275	EP		1958	19.19-2.11								1.0
TKRD	BZ	5505	300	EP		1958	22.07 0.80								1.0
LATR	BZ	5571	286	EP		1958	25.69-0.16								1.0
BLRY	HZ	5582	282	EP		1958	26.33-0.28								1.0
KOCH	HZ	5585	275	EP		1958	27.91 1.17								1.0
KDGU	HZ	5631	278	EP		1958	29.10-0.85								1.0
SLPR	HZ	5631	285	EP		1958	29.90 0.01								1.0
FBD	HZ	5634	299	EP		1958	29.30-0.73								1.0
JMIU	BZ	5640	299	EP		1958	28.64-1.78								1.0
LDR	HZ	5647	299	EP		1958	28.81-2.11								1.0
NDI	HZ	5650	299	EP		1958	29.68-1.45								1.0
NPL	BZ	5653	299	EP		1958	30.85-0.47								1.0
AYAN	BZ	5654	299	EP		1958	30.09-1.27								1.0
UJWA	BZ	5677	299	EP		1958	32.26-0.67								1.0
PTDI	HZ	5683	299	EP		1958	31.28-2.08								1.0
JHJR	BZ	5699	299	EP		1958	34.82 0.42								1.0
KUDL	HZ	5708	299	EP		1958	34.65-0.36								1.0
CGRH	BZ	5740	302	EP		1958	38.45 1.26								1.0
BHK	BZ	5743	303	EP		1958	41.48 4.13								1.0
SDNR	BZ	5749	303	EP		1958	38.10 0.21								1.0
SUPA	HZ	5774	282	EP		1958	39.21-0.31								1.0
ALCI	BZ	5801	306	EP		1958	40.99-0.70								1.0
KAD	BZ	5814	285	EP		1958	41.59-0.63								1.0
CHUR	HZ	5858	298	EP		1958	43.53-1.52								1.0

NASK	HZ	5868	288	EP	1958	46.74	1.00							1.0
THN	BZ	5875	304	EP	1958	46.58	0.40							1.0
UDPR	BZ	5921	294	EP	1958	49.78	0.52							1.0
AMRT	HZ	5937	302	EP	1958	51.01	0.77							1.0
UDMP	HZ	5949	304	EP	1958	51.89	0.78							1.0
PALG	HZ	5960	288	EP	1958	52.29	0.52							1.0
BOM	BZ	5965	287	EP	1958	52.26	0.17							1.0
SRAT	HZ	5984	289	EP	1958	54.86	1.53							1.0
SRGN	BZ	5994	300	EP	1958	54.22	0.23							1.0
SRIN	BZ	6009	305	EP	1958	57.17	2.02							1.0
JODH	HZ	6011	296	EP	1958	55.26	0.17							1.0
BKNR	BZ	6019	298	EP	1958	53.71	-1.95							1.0
BHV	BZ	6052	290	EP	1958	58.44	0.67							1.0
JASL	BZ	6232	296	EP	1959	07.89	-1.55							1.0
AJM	BZ	5857	296	EP	1958	44.99	-0.01							1.0

December 4 2023 Hour: 12:19 26.6 Lat: 27.18N Lon: 66.14E D: 10.0F Ag: NCS Local
Magnitudes: 4.8ML NCS Rms: 1.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JASL	BZ	474	92	EP		1220	28.99	-0.68							1.0
JASL	BN	474	92	ES		1221	15.63	-0.75							1.0
JASL	BN	474	92	IAML		1221	22.33			2296	0.8				
JASL	BE	474	92	IAML		1221	23.13			2831	0.7				
JODH	HZ	695	97	EP		1220	54.42	-2.09							1.0
JODH	HE	695	97	ES		1222	02.81	-0.26							1.0
JODH	HE	695	97	IAML		1222	09.85			1003	0.4				
JODH	HN	695	97	IAML		1222	10.35			1024	0.6				
BKNR	BZ	713	79	EP		1220	58.69	0.02							1.0
BKNR	BE	713	79	ES		1222	07.29	0.46							1.0
BKNR	BE	713	79	IAML		1222	13.25			1097	0.9				
BKNR	BN	713	79	IAML		1222	14.30			1353	0.7				
UDPR	BZ	812	109	EP		1221	09.94	-0.36							1.0
UDPR	BE	812	109	ES		1222	27.76	0.70							1.0
UDPR	BN	812	109	IAML		1222	36.36			246	0.5				
UDPR	BE	812	109	IAML		1222	43.32			252	0.3				
AJM	BE	848	94	ES		1222	34.10	-0.42							1.0
AJM	BE	848	94	IAML		1222	39.49			456	0.7				
CHUR	HZ	878	80	EP		1221	16.65	-1.43							1.0
AMRT	HZ	984	58	EP		1221	27.43	-3.10							1.0
KUDL	HZ	1027	82	EP		1221	36.37	0.86							1.0
PTDI	HZ	1057	81	EP		1221	39.33	0.27							1.0
UDMP	HZ	1074	52	EP		1221	40.74	-0.44							1.0
NPL	BZ	1098	79	EP		1221	44.48	0.60							1.0
LDR	HZ	1102	79	EP		1221	45.25	0.89							1.0
NDI	HZ	1102	79	EP		1221	44.58	0.17							1.0
NDI	HE	1102	79	ES		1223	25.33	-1.08							1.0
LDR	HE	1102	79	ES		1223	26.69	0.36							1.0
LDR	HE	1102	79	IAML		1223	40.88			1338	0.5				
NDI	HE	1102	79	IAML		1224	54.85			328	2.2				
CGRH	BN	1109	67	EP		1221	44.75	-0.49							1.0
CGRH	BN	1109	67	ES		1223	28.10	0.24							1.0
CGRH	BE	1109	67	IAML		1223	32.86			1355	0.9				
CGRH	BN	1109	67	IAML		1223	37.49			1936	0.4				
SRIN	BZ	1127	45	EP		1221	47.61	0.19							1.0
DHRM	HZ	1132	58	EP		1221	48.98	0.82							1.0
DHRM	HE	1132	58	ES		1223	33.49	0.54							1.0
DHRM	HN	1132	58	IAML		1223	40.96			1304	0.6				
DHRM	HE	1132	58	IAML		1223	44.36			1934	1.0				
BHK	BZ	1148	63	EP	9	1221	42.85	-7.00							0.0
BHK	BN	1148	63	ES		1223	29.18	0.30							1.0
BHK	BN	1148	63	IAML		1223	31.85			505	0.2				
BHK	BE	1148	63	IAML		1223	41.36			380	0.6				
SDNR	BZ	1151	63	EP		1221	50.12	-0.10							1.0

SDNR	BE	1151	63	ES	1223	36.82	0.30										1.0
SDNR	BE	1151	63	IAML	1223	45.72			3883	0.8							
SMLA	HZ	1158	65	EP	1221	53.05	1.81										0.9
SMLA	HE	1158	65	ES	1223	38.49	0.19										0.9
SMLA	HE	1158	65	IAML	1223	45.04			1003	0.7							
SMLA	HN	1158	65	IAML	1223	49.12			1582	1.0							
JHNI	BZ	1260	96	EP	1222	03.14	0.19										0.9
ALCI	BZ	1313	51	EP	1222	09.57	-0.02										0.8
ALCI	BE	1313	51	ES	1224	11.43	1.21										0.8
ALCI	BN	1313	51	IAML	1224	20.73			170	0.9							
ALCI	BE	1313	51	IAML	1224	33.13			155	1.1							
MUKT	HZ	1349	76	EP	1222	13.84	0.20										0.8
KAD	BZ	1371	141	EP	1222	17.02	0.94										0.8
PTH	BZ	1404	76	EP	1222	20.39	0.38										0.7
LATR	BZ	1441	130	EP	1222	26.34	1.98										0.7
JBPL	HZ	1459	105	EP	1222	27.54	1.15										0.7
NGP	BZ	1470	114	EP	1222	29.06	1.36										0.7
RAIP	HZ	1708	109	EP	1222	55.61	-0.08										0.4
RAGD	BZ	1976	113	EP	1223	27.15	-0.01										0.2
CHT	HZ	2246	147	EP	1223	59.12	0.05										0.0
AJM	BN	848	94	EP	1221	13.84	-0.74										1.0
AJM	BN	848	94	IAML	1222	39.73			600	0.5							

December 4 2023 Hour: 15:17 2.8

Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CHT	HZ			EP		1517	48.81								
KOHI	SZ			EP		1518	11.88								
TEZP	SZ			EP		1518	18.38								
MOKO	SZ			EP		1518	20.76								
SILR	SE			ES		1518	56.00								
PASG	SZ			EP		1518	45.53								

**December 4 2023 Hour: 19:4 14.6 Lat: 27.92N Lon: 87.82E D: 21.5
Magnitudes: 4.4ML NCS Rms: 0.9 secs**

Ag: NCS Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHBG	BZ	298	184	EP		1904	57.97	1.27							1.0
SHBG	BN	298	184	ES		1905	28.22	0.80							1.0
VLK	BN	388	263	EP		1905	10.44	2.67							1.0
VLK	BE	388	263	ES		1905	47.52	0.94							1.0
VLK	BN	388	263	IAML		1905	52.15			1469	0.2				
BOKR	HZ	496	203	EP		1905	21.59	0.59							1.0
BOKR	HN	496	203	ES		1906	08.07	-1.38							1.0
CMPI	HZ	737	130	EP		1905	51.08	0.55							1.0
CMPI	HE	737	130	ES		1906	59.63	-0.91							1.0
CMPI	HN	737	130	IAML		1907	07.60			156	0.5				
PTH	BZ	767	286	EP		1905	54.60	0.03							1.0
PTH	BN	767	286	ES		1907	07.62	0.08							1.0
LGTI	BZ	774	284	EP		1905	56.65	1.07							1.0
LGTI	BN	774	284	ES		1907	08.42	-0.87							1.0
LGTI	BN	774	284	IAML		1907	13.19			420	0.2				
MUKT	HZ	816	284	EP		1906	00.53	0.18							1.0
MUKT	HE	816	284	ES		1907	18.06	0.52							1.0
MUKT	HE	816	284	IAML		1907	21.63			203	0.4				
BWNR	BZ	873	194	EP		1906	06.85	-0.04							1.0
BWNR	BE	873	194	ES		1907	29.52	0.68							1.0
JBPL	HN	948	238	ES		1907	45.28	0.48							1.0
UNCH	BE	951	276	ES		1907	45.62	0.23							1.0
RAIP	HZ	970	221	EP		1906	18.02	-0.79							1.0
RAIP	HE	970	221	ES		1907	48.31	-1.17							1.0
JMIU	BE	1037	276	ES		1908	02.45	-1.04							1.0
NDI	HE	1044	277	ES		1908	03.72	-1.36							1.0
NDI	HE	1044	277	IAML		1908	06.72			182	0.5				
AYAN	BN	1052	276	ES		1908	05.22	-1.56							1.0

SMLA	HZ	1091	292	EP	1906	33.81-0.08								1.0
SMLA	HE	1091	292	ES	1908	16.89 1.34								1.0
SMLA	HN	1091	292	IAML	1908	21.84	943	0.4						
SDNR	BZ	1129	293	EP	1906	37.94-0.32								1.0
SDNR	BN	1129	293	ES	1908	23.36 0.25								1.0
SDNR	BN	1129	293	IAML	1908	28.04	85	0.7						
NGP	BZ	1160	232	EP	1906	41.87-0.17								1.0
NGP	BE	1160	232	ES	1908	30.77 1.11								1.0
NGP	BE	1160	232	IAML	1908	32.65	20	0.4						
BHPL	HZ	1165	246	EP	1906	41.44-1.20								1.0
BHPL	HE	1165	246	ES	1908	29.97-0.72								1.0
BHPL	HN	1165	246	IAML	1908	34.70	425	0.3						
DHRM	HZ	1209	296	EP	1906	47.49-0.53								1.0
DHRM	HE	1209	296	ES	1908	40.13 0.13								1.0
DHRM	HE	1209	296	IAML	1908	47.09	801	0.4						
ALCI	BZ	1231	307	EP	1906	50.15-0.74								1.0
ALCI	BE	1231	307	ES	1908	45.29 0.32								1.0
ALCI	BE	1231	307	IAML	1908	52.27	49	0.4						
THN	BZ	1261	296	EP	1906	53.29-1.02								1.0
THN	BN	1261	296	ES	1908	51.89 1.00								1.0
THN	BN	1261	296	IAML	1908	57.55	59	0.5						
AJM	BZ	1317	266	EP	1906	59.75-1.48								1.0
AJM	BN	1317	266	ES	1909	03.51 0.65								1.0
AJM	BN	1317	266	IAML	1909	08.37	61	0.4						
JODH	HN	1476	266	ES	1909	36.81 0.47								1.0

December 5 2023 Hour: 0:48 23.6 Lat: 38.41N Lon: 75.28E D:145.0 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
ALCI	BZ	496	159	EP		0049	28.34	0.61							1.0
ALCI	BE	496	159	ES		0050	14.90-0.29								1.0
ALCI	BN	496	159	IAML		0050	20.23			2207	0.3				
ALCI	BE	496	159	IAML		0050	22.70			1933	0.2				
UDMP	HZ	610	181	EP		0049	41.33	0.68							1.0
UDMP	HE	610	181	ES		0050	38.16	0.49							1.0
UDMP	HN	610	181	IAML		0050	43.01			7058	0.4				
UDMP	HE	610	181	IAML		0050	43.88			6425	0.3				
THN	BN	664	176	EP		0049	47.07	0.15							1.0
THN	BN	664	176	ES		0050	48.86	0.28							1.0
THN	BN	664	176	IAML		0050	55.39			3161	0.3				
DHRM	HZ	690	172	EP		0049	50.10-0.01								1.0
DHRM	HE	690	172	ES		0050	53.78-0.35								1.0
DHRM	HN	690	172	IAML		0051	00.41			419	0.4				
DHRM	HE	690	172	IAML		0051	00.65			434	0.4				
SDNR	BN	777	168	EP		0049	59.09-1.11								1.0
SDNR	BN	777	168	ES		0051	10.98-0.71								1.0
SDNR	BN	777	168	IAML		0051	19.86			1115	0.3				
BHK	BZ	793	168	EP		0050	03.61	1.67							1.0
BHK	BE	793	168	ES		0051	14.71	0.00							1.0
BHK	BE	793	168	IAML		0051	21.62			258	0.5				
BHK	BN	793	168	IAML		0051	23.11			153	0.3				
SMLA	HZ	826	167	EP		0050	05.78-0.24								1.0
SMLA	HN	826	167	ES		0051	19.70-2.12								1.0
SMLA	HN	826	167	IAML		0051	28.54			161	0.5				
SMLA	HE	826	167	IAML		0051	32.67			205	0.3				
MUKT	HZ	1071	157	EP		0050	34.13-0.69								1.0
MUKT	HE	1071	157	ES		0052	11.79-0.13								1.0
MUKT	HE	1071	157	IAML		0052	20.26			415	0.2				
PTH	BN	1079	154	EP		0050	36.28	0.69							1.0
PTH	BN	1079	154	ES		0052	14.87	1.61							1.0
PTH	BE	1079	154	IAML		0052	22.63			497	0.4				
PTH	BN	1079	154	IAML		0052	22.73			372	0.2				
NDI	HZ	1093	170	EP		0050	36.17-0.95								1.0

NDI	HE	1093	170	ES	0052	17.30	1.37										1.0
NDI	HE	1093	170	IAML	0052	22.17			587	0.3							
NDI	HN	1093	170	IAML	0052	22.77			444	0.4							
LGTI	BZ	1094	155	EP	0050	36.41	-0.96										1.0

December 5 2023 Hour: 2:42 46.6 Lat: 36.50N Lon: 70.96E D: 60.0F 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	551	135	EP		0243	58.36	1.60							1.0
UDMP	HE	551	135	ES		0244	48.71	0.06							1.0
ALCI	BZ	620	112	EP		0244	03.96	-1.13							1.0
ALCI	BN	620	112	ES		0245	03.83	0.69							1.0
ALCI	BE	620	112	IAML		0245	05.83			27	0.6				
THN	BZ	633	134	EP		0244	05.63	-0.74							1.0
THN	BN	633	134	ES		0245	04.98	-0.39							1.0
THN	BN	633	134	IAML		0245	12.74			41	0.3				
DHRM	HZ	681	132	EP		0244	12.98	0.78							1.0
DHRM	HE	681	132	ES		0245	15.12	-0.39							1.0
SMLA	HN	827	134	EP		0244	28.91	-0.51							1.0
SMLA	HN	827	134	ES		0245	45.51	0.03							1.0
SMLA	HN	827	134	IAML		0245	53.89			357	0.3				

December 5 2023 Hour: 14:45 5.8 Lat: 9.47N Lon: 94.13E D: 21.2 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
DGPR	HZ	430	342	EP		1446	04.39	0.28							1.0
VISK	HZ	1482	309	EP		1448	11.62	-0.86							1.0
VISK	HE	1482	309	ES		1450	29.10	0.35							1.0
VISK	HN	1482	309	IAML		1450	34.12			126	0.7				
BWNR	BN	1490	324	EP		1448	12.40	-1.04							1.0
BWNR	BN	1490	324	ES		1450	29.77	-0.65							1.0
BWNR	BN	1490	324	IAML		1450	33.80			203	0.3				
CMPI	HZ	1554	357	EP		1448	21.71	0.14							1.0
TPTI	HZ	1652	288	EP		1448	34.17	1.00							0.9
TPTI	HN	1652	288	ES		1451	04.85	0.31							0.9
TPTI	HN	1652	288	IAML		1451	12.60			63	0.5				
KOHI	SZ	1798	360	EP		1448	51.52	0.21							0.8
CHT	HZ	1857	273	EP		1448	57.37	-0.40							0.8
CHT	HN	1857	273	ES		1451	45.62	-1.49							0.8
CHT	HN	1857	273	IAML		1451	50.79			35	0.5				
MOKO	SZ	1866	1	EP		1449	01.57	2.24							0.8
KNL	HZ	1881	293	EP		1449	01.75	1.02							0.7
KNL	HE	1881	293	ES		1451	52.25	0.03							0.7
HYB	HZ	1901	299	EP		1449	03.59	0.42							0.7
HYB	HE	1901	299	ES		1451	57.98	1.54							0.7
HYB	HN	1901	299	IAML		1452	00.33			57	0.2				
TEZP	SZ	1903	356	EP		1449	02.27	-1.12							0.7
ITAN	SZ	1957	359	EP		1449	08.69	-1.22							0.7
ZIRO	SN	1999	359	EP		1449	15.14	0.19							0.7
PASG	SZ	2062	3	EP		1449	22.18	-0.34							0.6

December 5 2023 Hour: 16:20 29.3 Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JORH	HZ			EP		1621	35.83								
JORH	HE			ES		1622	49.05								
RAIP	HN			ES		1622	40.29								
BOKR	HN			ES		1621	07.91								
BOKR	HZ			EP		1620	47.65								
BWNR	BN			ES		1621	28.55								
JMIU	BN			ES		1623	34.44								

December 6 2023 Hour: 19:35 24.0 Lat: 24.71N Lon: 95.25E D: 20.0F Ag: NCS Local
Magnitudes: 3.3ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KOHI	SZ	160	314	EP		1935	48.42	0.82							1.0
KOHI	SE	160	314	ES		1936	06.49	1.44							1.0
KOHI	SN	160	314	IAML		1936	18.30			421	0.8				
MOKO	SZ	193	338	EP		1935	52.23	0.59							1.0
SILR	SZ	248	272	EP		1935	59.23	0.93							1.0
SILR	SN	248	272	ES		1936	24.06	0.40							1.0
SILR	SN	248	272	IAML		1936	37.06			339	0.3				
AZL	SZ	282	248	EP		1936	03.03	0.44							1.0
ITAN	SZ	310	331	EP		1936	06.84	0.79							1.0
ITAN	SE	310	331	ES		1936	36.98	-0.18							1.0
ITAN	SN	310	331	IAML		1936	43.18			263	0.2				
TEZP	SZ	324	311	EP		1936	07.29	-0.54							1.0
TEZP	SE	324	311	ES		1936	39.41	-0.84							1.0
TEZP	SN	324	311	IAML		1936	43.30			406	0.2				
PASG	SZ	371	1	EP		1936	12.45	-1.21							1.0
TURA	SZ	515	281	EP		1936	29.75	-1.42							1.0
TURA	SE	515	281	ES		1937	19.66	-1.21							1.0
TURA	SN	515	281	IAML		1937	22.62			119	0.2				

December 6 2023 Hour: 20:29 35.0 Lat: 28.79N Lon: 81.20E D: 10.0F Ag: NCS Local
Magnitudes: 2.7ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LGTI	BZ	127	302	EP		2029	54.72	-0.39							1.0
LGTI	BE	127	302	ES		2030	10.20	0.19							1.0
LGTI	BE	127	302	IAML		2030	12.53			157	0.3				
PTH	BZ	131	312	EP		2029	54.37	-1.27							1.0
PTH	BN	131	312	ES		2030	09.94	-1.00							1.0
PTH	BN	131	312	IAML		2030	14.48			650	0.2				
MUKT	HZ	168	296	EP		2030	00.10	-0.32							1.0
MUKT	HE	168	296	ES		2030	20.25	0.99							1.0
MUKT	HN	168	296	IAML		2030	27.17			237	0.3				
JOSI	BN	252	321	ES		2030	38.29	0.85							1.0
JOSI	BE	252	321	IAML		2030	46.32			26	0.4				
JOSI	BZ	252	321	EP		2030	11.83	0.96							1.0

December 6 2023 Hour: 20:47 18.1 Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ITAN	SE			ES		2050	33.37								
ITAN	SZ			EP		2049	15.23								
TEZP	SZ			EP		2049	18.99								
KOHI	SZ			EP		2049	30.48								
TEZP	SE			ES		2050	52.27								
PASG	SZ			EP		2048	59.29								
GTK	SE			ES		2051	14.46								
TAWA	SN			EP		2049	12.65								
CMPI	HZ			EP		2050	00.91								
MOKO	SZ			EP		2049	21.54								
MOKO	SZ			ES		2050	57.47								

December 7 2023 Hour: 0:13 0.7 Lat: 26.64N Lon: 92.09E D: 5.0F 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
TEZP	SZ	70	92	EP		0013	11.04	-1.05							1.0
TEZP	SE	70	92	ES		0013	19.52	-1.00							1.0
TEZP	SN	70	92	IAML		0013	19.86			3090	0.1				
TEZP	SE	70	92	IAML		0013	21.01			3716	0.1				
TAWA	SE	108	348	ES		0013	30.97	-0.10							1.0

ITAN	SZ	171	71	EP	0013	27.69	0.75									1.0
ITAN	SN	171	71	ES	0013	47.30	0.95									1.0
ITAN	SN	171	71	IAML	0013	50.20			2102	0.2						
ITAN	SE	171	71	IAML	0013	50.68			2368	0.2						
JORH	HZ	215	86	EP	0013	32.01	-0.36									1.0
JORH	HN	215	86	ES	0013	56.94	1.13									1.0
SILR	SZ	218	161	EP	0013	32.34	-0.34									1.0
SILR	SN	218	161	ES	0013	56.91	0.56									1.0
SILR	SN	218	161	IAML	0014	11.14			615	0.4						
TURA	SZ	224	237	EP	0013	34.30	0.75									1.0
TURA	SN	224	237	ES	0013	58.67	0.82									1.0
TURA	SN	224	237	IAML	0014	00.98			1094	0.2						
TURA	SE	224	237	IAML	0014	02.03			1014	0.2						
KOHI	SZ	226	116	EP	0013	32.89	-0.93									1.0
KOHI	SE	226	116	ES	0013	58.88	0.56									1.0
KOHI	SE	226	116	IAML	0014	11.20			317	0.5						
MOKO	SZ	244	98	EP	0013	35.34	-0.76									1.0
AZL	SZ	327	169	EP	0013	46.27	-0.06									1.0
GTK	SN	355	283	ES	0014	26.69	0.52									1.0
PASG	SZ	357	63	EP	0013	50.14	0.18									1.0
CMPI	HZ	369	160	EP	0013	52.33	0.67									1.0
BOKR	HZ	700	245	EP	0014	30.30	-1.50									1.0
BOKR	HE	700	245	ES	0015	38.42	-0.78									1.0
BOKR	HE	700	245	IAML	0015	42.15			140	0.3						

December 7 2023 Hour: 5: 9 33.0 Lat: 30.52N Lon: 78.76E D: 10.0F 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
UTK	BZ	39	307	EP	9	0509	40.92	0.73							0.0
UTK	BN	39	307	ES		0509	42.90	-3.26							1.0
UTK	BN	39	307	IAML		0509	42.95			4065	0.1				
JOSI	BN	76	87	EP		0509	45.51	-0.99							1.0
JOSI	BZ	76	87	EP		0509	47.44	0.94							1.0
JOSI	BN	76	87	ES		0509	55.09	-1.27							1.0
SMLA	HZ	166	294	EP		0510	01.40	0.70							1.0
SMLA	HE	166	294	ES		0510	19.99	-0.93							1.0
SMLA	HN	166	294	IAML		0510	23.20			97	0.3				
SDNR	BZ	210	303	EP	9	0510	08.06	2.24							0.0
SDNR	BN	210	303	ES		0510	31.68	-0.33							1.0
SDNR	BN	210	303	IAML		0510	33.17			66	0.2				
DHRM	HZ	302	310	EP		0510	17.16	0.07							1.0
DHRM	HN	302	310	ES		0510	49.59	0.33							1.0
DHRM	HE	302	310	IAML		0510	56.29			36	0.2				
THN	BZ	353	308	EP		0510	23.65	0.42							1.0
THN	BN	353	308	ES		0511	00.63	0.73							1.0
THN	BN	353	308	IAML		0511	07.48			25	0.4				

December 7 2023 Hour: 7: 2 39.9 Lat: 24.11N Lon: 93.94E D: 39.0 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
CMPI	HZ	94	223	EP		0702	56.58	0.88							1.0
CMPI	HN	94	223	ES		0703	06.21	-1.04							1.0
AZL	SZ	134	252	EP		0703	00.39	-0.02							1.0
SILR	SN	137	303	ES		0703	16.76	0.78							1.0
SILR	SN	137	303	IAML		0703	23.62			739	0.3				
KOHI	SZ	179	5	EP		0703	06.56	0.14							1.0
KOHI	SE	179	5	ES		0703	25.20	-0.61							1.0
KOHI	SN	179	5	IAML		0703	36.42			104	0.3				
MOKO	SZ	252	13	EP	9	0703	21.70	6.48							0.0
TURA	SZ	407	293	EP		0703	34.62	0.92							1.0
TURA	SE	407	293	ES		0704	11.96	-1.05							1.0
TURA	SN	407	293	IAML		0704	14.05			121	0.3				

December 7 2023 Hour: 12:28 39.5 Lat: 26.19N Lon: 93.11E D: 4.4 Ag: NCS Local
Magnitudes: 2.2ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KOHI	SZ	113	117	EP		1229	07.33	0.24							1.0
KOHI	SN	113	117	ES		1229	27.00	-0.22							1.0
KOHI	SN	113	117	IAML		1229	28.57			9	0.2				
ITAN	SE	123	30	ES		1229	27.84	0.26							1.0
ITAN	SE	123	30	IAML		1229	29.01			46	0.2				
JORH	HZ	130	61	EP		1229	06.64	-1.14							1.0
MOKO	SZ	142	84	EP		1229	10.04	0.86							1.0

December 7 2023 Hour: 12:57 25.9 Ag: Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DGPR	HZ	9415	286	EP		1308	44.46	-4.71							0.0
MOKO	SZ	9847	299	EP		1309	07.02	-0.40							1.0
PASG	SZ	9854	301	EP		1309	08.41	0.93							1.0
KOHI	SZ	9857	298	EP		1309	07.95	0.11							1.0
JORH	HZ	9890	299	EP		1309	09.34	0.34							1.0
AZL	SZ	9900	296	EP		1309	10.10	0.51							1.0
SILR	SZ	9935	297	EP		1309	11.80	0.91							1.0
ITAN	SZ	9956	299	EP		1309	13.03	1.27							1.0
TEZP	SZ10017	298	EP			1309	14.88	0.63							1.0
TURA	SZ10207	297	EP			1309	20.74	-1.39							1.0
JPG	BZ10390	297	EP			1309	30.24	0.70							1.0
BWNR	BZ10412	290	EP			1309	30.14	-0.34							1.0
BOKR	HZ10545	294	EP			1309	36.00	0.14							1.0
VISK	HZ10558	287	EP			1309	33.84	-2.58							1.0
RAGD	BZ10604	288	EP			1309	40.27	1.98							1.0
RAJM	HZ10678	286	EP			1309	41.20	0.27							1.0
STMR	BZ10718	296	EP			1309	41.64	-0.87							1.0
JGDP	HZ10738	288	EP			1309	42.61	-0.79							1.0
VJD	BZ10781	285	EP			1309	46.01	0.99							1.0
TPTI	HZ10781	282	EP			1309	46.19	1.13							1.0
SALM	BZ10851	280	EP			1309	50.55	2.68							1.0
RAIP	HZ10855	290	EP			1309	46.59	-1.43							1.0
VAR	BZ10877	294	EP			1309	49.97	1.11							1.0
CHT	HZ10878	278	EP			1309	50.18	1.15							1.0
KNL	HZ11016	283	EP			1309	55.41	0.97							1.0
HYB	HZ11024	285	EP			1309	51.71	-3.08							1.0
NGP	BZ11109	289	EP			1309	56.26	-1.93							1.0
LKN	BZ11130	295	EP			1309	57.69	-1.29							1.0
BLRY	HZ11172	282	EP			1310	01.74	1.04							1.0
KLBG	HZ11193	285	EP			1310	01.73	0.25							1.0
MNGI	BZ11234	280	EP			1310	00.91	-2.19							1.0
LATR	BZ11263	285	EP			1310	02.46	-1.88							1.0
PTH	BZ11291	297	EP			1310	05.86	0.23							1.0
SLPR	HZ11297	285	EP			1310	05.94	0.25							1.0
JHNI	BZ11301	293	EP			1310	05.35	-0.46							1.0
MUKT	HZ11337	297	EP			1310	06.65	-0.94							1.0
BHPL	HZ11341	290	EP			1310	07.32	-0.12							1.0
JOSI	BZ11382	298	EP			1310	09.74	0.39							1.0
TKRD	BZ11402	297	EP			1310	10.10	0.26							1.0
KAD	BZ11460	284	EP			1310	13.03	0.82							1.0
UNCH	BZ11462	295	EP			1310	11.89	-0.35							1.0
ASOR	BZ11490	296	EP			1310	13.25	-0.08							1.0
MERT	BZ11500	296	EP			1310	08.79	-4.95							1.0
PWAL	BZ11511	295	EP			1310	14.38	0.19							1.0
BISR	BZ11515	296	EP			1310	14.72	0.38							1.0
FBD	HZ11522	295	EP			1310	15.23	0.63							1.0
JMIU	BZ11529	296	EP			1310	13.55	-1.33							1.0
LDR	HZ11536	296	EP			1310	14.40	-0.78							1.0
NDI	HZ11540	296	EP			1310	15.05	-0.29							1.0

AYAN	BZ11541	295	EP	1310	15.30-0.10	1.0
NPL	BZ11542	296	EP	1310	14.57-0.86	1.0
UJWA	BZ11565	295	EP	1310	17.25 0.91	1.0
PTDI	HZ11569	295	EP	1310	16.11-0.38	1.0
JHJR	BZ11587	295	EP	1310	16.47-0.74	1.0
KUDL	HZ11591	295	EP	1310	15.68-1.69	1.0
SMLA	HZ11620	298	EP	1310	19.03 0.17	1.0
CGRH	BZ11643	298	EP	1310	20.86 1.37	1.0
BHK	BZ11649	298	EP	1310	22.62 2.91	1.0
BOM	BZ11652	285	EP	1310	20.57 0.80	1.0
SDNR	BZ11656	298	EP	1310	19.65-0.44	1.0
ALCI	BZ11710	301	EP	1310	21.15-1.47	1.0
AJM	BZ11714	293	EP	1310	21.48-0.85	1.0
DHRM	HZ11732	299	EP	1310	23.73 0.44	1.0
CHUR	HZ11739	295	EP	1310	21.90-1.40	1.0
UDPR	BZ11746	291	EP	1310	23.91 0.31	1.0
THN	BZ11783	299	EP	1310	26.17 1.06	1.0
BHV	BZ11811	287	EP	1310	27.30 1.16	1.0
AMRT	HZ11842	298	EP	1310	28.24 0.84	1.0
UDMP	HZ11858	299	EP	1310	28.94 0.81	1.0
JODH	HZ11861	292	EP	1310	28.53 0.39	1.0
BKNR	BZ11896	294	EP	1310	29.93 0.39	1.0
SRIN	BZ11918	300	EP	1310	32.42 1.75	1.0
JASL	BZ12087	292	EP	1310	39.00 1.85	1.0

December 7 2023 Hour: 20:51 58.2 Lat: 29.63N Lon: 79.60E D: 15.0 Ag: NCS Local
Magnitudes: 2.0ML NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LGTI	BN	54	119	EP		2052	06.63-0.52								1.0
LGTI	BE	54	119	ES		2052	14.31 0.54								1.0
LGTI	BN	54	119	IAML		2052	15.59			69	0.3				
PTH	BZ	59	95	EP	9	2052	03.11-4.75								0.0
PTH	BE	59	95	ES		2052	08.68-1.57								1.0
PTH	BN	59	95	IAML		2052	09.76			102	0.4				
TKRD	BZ	87	236	EP		2052	12.04-0.01								1.0
JOSI	BZ	103	358	EP	9	2051	46.10-28.5								0.0
JOSI	BN	103	358	ES		2052	17.50 19.3								1.0
JOSI	BN	103	358	IAML		2052	21.34			103	0.4				

December 7 2023 Hour: 21:59 22.3 Lat: 36.95N Lon: 70.17E D:180.0F 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
UDMP	HZ	637	133	EP		2200	44.08 0.84								1.0
UDMP	HE	637	133	ES		2201	43.57 0.44								1.0
UDMP	HE	637	133	IAML		2201	45.22			910	0.6				
UDMP	HN	637	133	IAML		2201	49.60			492	0.5				
ALCI	BN	704	113	EP		2200	51.30-0.02								1.0
ALCI	BE	704	113	ES		2201	57.63 0.44								1.0
ALCI	BN	704	113	IAML		2202	00.07			345	0.8				
ALCI	BE	704	113	IAML		2202	00.42			271	0.3				
THN	BN	719	132	EP		2200	52.96 0.27								1.0
THN	BN	719	132	ES		2201	59.68 0.11								1.0
THN	BN	719	132	IAML		2202	01.57			688	0.5				
DHRM	HZ	767	131	EP		2200	58.74 0.27								1.0
DHRM	HE	767	131	ES		2202	09.74 0.13								1.0
DHRM	HE	767	131	IAML		2202	10.67			84	0.4				
SDNR	BZ	864	132	EP		2201	08.81-0.73								1.0
SDNR	BN	864	132	ES		2202	27.73-1.15								1.0
SDNR	BN	864	132	IAML		2202	30.14			138	0.3				
SMLA	HN	913	133	EP		2201	14.69-0.75								1.0
SMLA	HE	913	133	ES		2202	39.26 0.11								1.0
SMLA	HN	913	133	IAML		2202	40.99			25	0.4				

CGRH	BZ	921	137	EP	2201	17.67	1.47									1.0
RTK	BZ	1054	145	EP	2201	31.52	-0.10									1.0
JOSI	BZ	1121	127	EP	2201	38.34	-1.39									1.0

December 8 2023 Hour: 1:5 8.6 Lat: 24.36N Lon: 94.79E D: 10.0F Ag: NCS Local
Magnitudes: 3.8ML NCS Rms: 1.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KOHI	SZ	165	336	EP		0105	34.47	0.75							1.0
KOHI	SN	165	336	ES		0105	53.01	0.74							1.0
KOHI	SN	165	336	IAML		0106	01.27			7312	0.3				
SILR	SZ	206	283	EP		0105	39.10	0.43							1.0
SILR	SE	206	283	ES		0106	01.87	0.98							1.0
SILR	SE	206	283	IAML		0106	04.42			7363	0.3				
MOKO	SZ	219	353	EP		0105	40.97	0.62							1.0
AZL	SZ	224	252	EP		0105	42.07	1.07							1.0
JORH	HE	269	349	ES		0106	15.08	0.58							1.0
TEZP	SZ	320	322	EP		0105	52.77	-0.04							1.0
TEZP	SE	320	322	ES		0106	23.82	-1.67							1.0
TEZP	SE	320	322	IAML		0106	25.03			408	0.2				
ITAN	SZ	326	341	EP		0105	53.93	0.35							1.0
ITAN	SN	326	341	ES		0106	27.19	0.35							1.0
ITAN	SN	326	341	IAML		0106	27.94			280	0.2				
PASG	SZ	413	7	EP		0106	02.83	-1.59							1.0
TAWA	SN	462	321	ES		0106	56.08	0.04							1.0
TURA	SZ	478	286	EP		0106	10.30	-2.01							1.0
TURA	SE	478	286	ES		0106	58.38	-1.05							1.0
TURA	SE	478	286	IAML		0107	00.89			683	0.4				
GTK	SE	701	299	ES		0107	47.05	0.44							1.0
GTK	SE	701	299	IAML		0107	55.37			49	0.3				

December 8 2023 Hour: 1:22 21.4 Lat: 16.76N Lon: 76.00E 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
SLPR	HZ	102	355	EP		0122	36.93	-0.63							1.0
SLPR	HE	102	355	ES		0122	50.80	1.26							1.0
SLPR	HN	102	355	IAML		0122	55.69			544	0.9				
KLBG	HN	109	55	EP		0122	38.73	0.09							1.0
KLBG	HE	109	55	ES		0122	52.08	0.67							1.0
KLBG	HN	109	55	IAML		0122	55.04			674	1.0				
BLRY	HZ	167	168	EP		0122	46.86	0.29							1.0
BLRY	HE	167	168	ES		0123	04.70	-0.50							1.0
BLRY	HN	167	168	IAML		0123	14.16			560	0.9				
LATR	BE	191	17	EP	9	0122	52.08	2.50							0.0
LATR	BE	191	17	ES		0123	14.90	1.95							1.0
LATR	BN	191	17	IAML		0123	16.84			635	0.2				
KAD	BN	203	288	EP		0122	49.77	-1.29							1.0
KAD	BN	203	288	ES		0123	11.83	-1.20							1.0
KAD	BN	203	288	IAML		0123	14.40			73	0.2				
SUPA	HZ	228	224	EP		0122	54.59	0.44							1.0
KNL	HZ	244	117	EP	9	0123	00.31	4.20							0.0
KNL	HE	244	117	ES		0123	28.63	2.62							1.0
KNL	HE	244	117	IAML		0123	37.92			263	0.2				
HYB	HZ	281	75	EP	9	0123	19.14	18.4							0.0
HYB	HN	281	75	ES		0123	39.85	-8.44							1.0
HYB	HN	281	75	IAML		0123	41.41			75	0.2				
KDGU	HZ	473	181	EP		0123	25.28	0.87							1.0

December 8 2023 Hour: 2:9 24.3

Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TPTI	HZ			EP		0209	45.67								
CHT	HE			ES		0211	03.88								
KDGU	HN			ES		0210	47.78								
TPTI	HN			ES		0210	01.46								
KNL	HZ			EP		0210	17.67								
KNL	HN			ES		0210	57.21								
KDGU	HZ			EP		0210	12.35								
CHT	HZ			EP		0210	21.13								

December 8 2023 Hour: 3:16 59.1 Lat: 25.46N Lon: 91.73E D: 20.5

Ag: NCS Local

Magnitudes: 3.8ML NCS

Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GUWA	SE	81	358	ES		0317	22.73	0.91							1.0
GUWA	SN	81	358	IAML		0317	25.04			9401	0.2				
SILR	SZ	132	125	EP		0317	19.19	0.22							1.0
SILR	SE	132	125	ES		0317	34.08	0.40							1.0
SILR	SE	132	125	IAML		0317	39.38			2490	0.4				
TURA	SZ	151	273	EP		0317	21.12	-0.25							1.0
TURA	SN	151	273	ES		0317	38.38	0.52							1.0
TURA	SE	151	273	IAML		0317	39.47			1629	0.2				
TEZP	SZ	167	40	EP		0317	22.39	-0.93							1.0
TEZP	SE	167	40	ES		0317	40.21	-1.04							1.0
TEZP	SE	167	40	IAML		0317	40.89			799	0.2				
IMP	SN	235	107	EP		0317	31.49	-0.29							1.0
IMP	SN	235	107	ES		0317	57.48	1.51							1.0
IMP	SN	235	107	IAML		0317	59.75			2041	0.3				
KOHI	SZ	241	83	EP		0317	32.96	0.34							1.0
ITAN	SZ	273	46	EP		0317	36.55	0.09							1.0
MOKO	SZ	295	71	EP		0317	40.74	1.38							1.0
SHBG	BZ	413	267	EP		0317	53.52	-0.29							1.0
PASG	SZ	459	50	EP		0317	58.36	-1.12							1.0
BOKR	HZ	619	254	EP		0318	18.85	-0.03							1.0
BOKR	HE	619	254	ES		0319	18.41	0.48							1.0
BOKR	HN	619	254	IAML		0319	22.55			470	0.3				
AZL	SZ	214	153	EP		0317	27.35	-1.93							1.0

December 8 2023 Hour: 3:30 30.7 Lat: 23.20N Lon: 70.07E D: 18.1

Ag: NCS Local

Magnitudes: 4.0ML NCS

Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHV	BZ	267	127	EP		0331	09.65	0.32							1.0
BHV	BE	267	127	ES		0331	37.03	-0.50							1.0
BHV	BN	267	127	IAML		0331	48.38			1255	0.5				
UDPR	BZ	401	67	EP		0331	24.95	-0.79							1.0
UDPR	BE	401	67	ES		0332	06.61	0.69							1.0
UDPR	BN	401	67	IAML		0332	11.91			207	0.3				
JASL	BZ	421	11	EP		0331	28.59	0.36							1.0
JASL	BN	421	11	ES		0332	09.93	-0.31							1.0
JASL	BN	421	11	IAML		0332	19.32			805	0.5				
JODH	HZ	453	41	EP	9	0331	26.12	-6.01							0.0
BOM	BZ	555	149	EP		0331	44.68	0.20							1.0
BOM	BE	555	149	ES		0332	38.56	0.22							1.0
BOM	BN	555	149	IAML		0332	48.90			445	0.3				
KLBG	HZ	960	131	EP		0332	33.93	-0.10							1.0
KLBG	HE	960	131	ES		0334	03.96	-0.10							1.0

December 8 2023 Hour: 21:43 5.1

Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TURA	SZ			EP		2144	01.09								
ITAN	SZ			EP		2143	50.15								
KOHI	SZ			EP		2143	52.32								
JORH	HZ			EP		2143	51.90								
MOKO	SZ			ES		2144	16.47								
MOKO	SZ			EP		2143	52.76								

December 8 2023 Hour: 23:30 12.9 Lat: 37.74N Lon: 71.91E D:140.0F
Magnitudes: 4.6ML NCS Rms: 0.9 secs

Ag: NCS Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BE	486	147	ES		2332	04.22	2.23							1.0
SRIN	BN	486	147	IAML		2332	06.90			1584	0.3				
UDMP	HZ	610	150	EP		2331	30.84	0.93							1.0
UDMP	HE	610	150	ES		2332	27.79	0.86							1.0
UDMP	HN	610	150	IAML		2332	31.09			5803	0.2				
ALCI	BZ	616	128	EP		2331	31.08	0.23							1.0
ALCI	BE	616	128	ES		2332	29.02	0.45							1.0
ALCI	BE	616	128	IAML		2332	34.07			1060	0.2				
THN	BN	687	148	EP		2331	39.09	0.25							1.0
THN	BN	687	148	ES		2332	42.16	-0.31							1.0
THN	BN	687	148	IAML		2332	46.16			4960	0.3				
DHRM	HZ	730	145	EP		2331	44.01	0.02							1.0
DHRM	HE	730	145	ES		2332	51.81	0.38							1.0
DHRM	HE	730	145	IAML		2332	55.45			597	0.9				
SDNR	BZ	827	145	EP		2331	54.65	-0.63							1.0
SDNR	BN	827	145	ES		2333	09.77	-1.29							1.0
SDNR	BN	827	145	IAML		2333	11.22			1078	0.4				
SMLA	HN	878	145	EP		2332	00.76	-0.63							1.0
SMLA	HE	878	145	ES		2333	19.62	-2.08							1.0
SMLA	HN	878	145	IAML		2333	23.41			3467	0.3				
JOSI	BZ	1064	136	EP		2332	22.77	-0.34							1.0
JOSI	BN	1064	136	ES		2333	59.60	0.11							1.0
JOSI	BN	1064	136	IAML		2334	04.81			26	0.4				
AYAN	BN	1136	153	ES		2334	13.75	-0.20							1.0
AYAN	BN	1136	153	IAML		2334	19.12			214	0.3				

December 9 2023 Hour: 1:56 28.2 Lat: 28.97N Lon: 83.49E D: 10.0F
Magnitudes: 3.8ML NCS Rms: 0.9 secs

Ag: NCS Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PTH	BZ	326	283	EP		0157	15.89	0.12							1.0
PTH	BE	326	283	ES		0157	51.25	0.75							1.0
PTH	BN	326	283	IAML		0158	01.96			203	0.7				
LGTI	BZ	334	279	EP		0157	18.00	1.13							1.0
LGTI	BN	334	279	ES		0157	53.56	1.17							1.0
MUKT	HZ	377	279	EP		0157	20.17	-1.47							1.0
MUKT	HE	377	279	ES		0157	59.56	-1.08							1.0
MUKT	HE	377	279	IAML		0158	05.64			734	0.4				
NDI	HN	614	269	ES		0158	49.98	-0.07							1.0
BOKR	HN	621	157	EP		0157	50.51	-0.64							1.0
BOKR	HE	621	157	ES		0158	52.58	0.88							1.0
BOKR	HN	621	157	IAML		0158	58.82			163	0.4				
SMLA	HZ	654	293	EP		0157	55.73	0.28							1.0
SMLA	HN	654	293	ES		0158	59.04	-0.11							1.0
SMLA	HE	654	293	IAML		0159	00.64			27	0.6				
KUDL	HZ	691	264	EP		0157	58.11	-1.54							1.0
KUDL	HE	691	264	ES		0159	06.86	0.45							1.0
KUDL	HE	691	264	IAML		0159	10.31			229	0.4				
DHRM	HE	779	300	ES		0159	24.39	-0.69							1.0
DHRM	HE	779	300	IAML		0159	26.18			256	0.3				

ALCI BN 834 316 ES 0159 37.90 0.81 1.0

December 10 2023 Hour: 1:39 48.7 Lat: 23.76N Lon: 64.76E D: 10.0F Ag: NCS Local
Magnitudes: 3.9ML NCS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JASL	BZ	711	59	EP		0141	22.34	-0.30							1.0
JASL	BE	711	59	ES		0142	31.29	0.07							1.0
JASL	BN	711	59	IAML		0142	34.68			65	0.4				
BHV	BZ	791	105	EP		0141	32.29	-0.00							1.0
BHV	BE	791	105	ES		0142	47.81	-0.11							1.0
BHV	BN	791	105	IAML		0142	50.51			576	0.2				
UDPR	BZ	915	82	EP		0141	47.78	0.34							1.0
UDPR	BN	915	82	ES		0143	14.13	0.00							1.0
UDPR	BN	915	82	IAML		0143	18.18			24	0.6				

December 10 2023 Hour: 2:38 59.0 Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MABH	HE			ES		0240	00.31								
MUKT	HZ			EP		0240	11.07								
DHRM	HZ			EP		0241	04.94								
LGTI	BZ			EP		0240	12.28								
ALCI	BZ			EP		0241	12.13								
DHRM	HN			ES		0242	28.90								
HNLY	BZ			EP		0240	41.01								
MUKT	HN			ES		0241	00.36								
SMLA	HZ			EP		0240	42.75								
SMLA	HE			ES		0242	02.29								
VLK	BN			EP		0239	14.18								
VLK	BN			ES		0239	25.50								
PTH	BE			ES		0240	55.44								
MABH	HZ			EP		0239	34.67								

December 10 2023 Hour: 3:38 17.7 Lat: 36.61N Lon: 69.75E D: 90.0F Ag: NCS Local
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	630	131	EP		0339	36.43	0.00							1.0
JMU	BE	630	131	ES		0340	33.49	-1.23							1.0
JMU	BE	630	131	IAML		0340	42.55			992	0.6				
ALCI	BZ	725	109	EP		0339	47.22	-0.76							1.0
ALCI	BE	725	109	ES		0340	55.92	1.10							1.0
ALCI	BE	725	109	IAML		0340	57.72			1841	0.2				
DHRM	HZ	772	127	EP		0339	53.63	0.26							1.0
DHRM	HE	772	127	ES		0341	03.99	-0.22							1.0
DHRM	HE	772	127	IAML		0341	11.13			1904	0.9				
SDNR	BZ	867	128	EP		0340	05.15	0.71							1.0
BHK	BZ	880	129	EP	9	0340	03.04	-2.82							0.0
BHK	BE	880	129	ES		0341	19.38	-3.73							1.0
BHK	BE	880	129	IAML		0341	21.72			549	0.4				
SMLA	HZ	916	129	EP		0340	10.92	0.62							1.0
SMLA	HE	916	129	ES		0341	33.69	0.03							1.0
SMLA	HE	916	129	IAML		0341	38.46			387	0.5				
HNLY	BZ	945	114	EP		0340	13.53	-0.44							1.0
HNLY	BE	945	114	ES		0341	40.96	0.93							1.0
HNLY	BN	945	114	IAML		0341	46.76			320	0.3				
BKNR	BZ	989	159	EP		0340	18.25	-0.43							1.0
BKNR	BE	989	159	ES		0341	51.09	2.85							1.0
BKNR	BN	989	159	IAML		0341	53.14			1047	0.6				
JASL	BZ	1079	174	EP		0340	28.50	-0.78							1.0
JASL	BN	1079	174	ES		0342	07.88	1.20							1.0
NDI	HZ	1122	139	EP		0340	34.22	-0.12							1.0
NDI	HE	1122	139	ES		0342	14.39	-1.10							1.0
NPL	BZ	1124	140	EP		0340	34.07	-0.49							1.0

NPL	BN	1124	140	ES	0342	15.41-0.45										1.0
KUDL	HZ	1132	144	EP	0340	34.30-1.19										1.0
AYAN	BN	1136	140	EP	0340	35.75-0.16										1.0
AYAN	BE	1136	140	ES	0342	17.69-0.54										1.0
AYAN	BN	1136	140	IAML	0342	21.21				193	0.5					

December 10 2023 Hour: 10:23 27.3 Lat: 23.25N Lon: 94.41E D: 27.4 Ag: NCS Local
Magnitudes: 2.5ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMPI	HZ	116	284	EP		1023	47.23	0.35							1.0
CMPI	HE	116	284	ES		1024	01.71	0.52							1.0
IMP	SZ	182	345	EP		1023	55.42	0.72							1.0
IMP	SN	182	345	ES		1024	14.41-0.29								1.0
IMP	SN	182	345	IAML		1024	18.34			37	0.4				
AZL	SZ	184	288	EP		1023	55.42	0.39							1.0
AZL	SZ	184	288	ES		1024	14.28-1.00								1.0
AZL	SZ	184	288	IAML		1024	17.41			82	0.5				
KOHI	SN	276	354	EP		1024	05.22-1.47								1.0
KOHI	SN	276	354	ES		1024	36.23	0.78							1.0
KOHI	SN	276	354	IAML		1024	39.65			23	0.6				

December 10 2023 Hour: 23: 4 58.1 Lat: 36.78N Lon: 71.25E D: 10.0F Ag: NCS Local
Magnitudes: 3.7ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HN	556	139	EP		2306	14.40	1.27							1.0
UDMP	HE	556	139	ES		2307	08.97	1.10							1.0
UDMP	HN	556	139	IAML		2307	10.66			470	0.3				
ALCI	BZ	609	116	EP		2306	19.75-0.02								1.0
ALCI	BN	609	116	ES		2307	19.60	0.23							1.0
ALCI	BN	609	116	IAML		2307	23.77			49	0.2				
THN	BZ	637	138	EP		2306	23.16	0.12							1.0
THN	BN	637	138	ES		2307	25.50	0.47							1.0
THN	BN	637	138	IAML		2307	28.41			164	0.4				
DHRM	HN	684	136	EP		2306	28.80-0.01								1.0
DHRM	HE	684	136	ES		2307	34.76-0.24								1.0
DHRM	HN	684	136	IAML		2307	38.38			42	0.4				
SMLA	HZ	832	137	EP		2306	45.66-1.40								1.0
SMLA	HN	832	137	ES		2308	05.04-1.53								1.0
SMLA	HN	832	137	IAML		2308	06.95			99	0.4				

December 11 2023 Hour: 2:33 52.7 Lat: 36.32N Lon: 70.14E 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
UDMP	HZ	593	128	EP		0235	12.93	0.71							1.0
UDMP	HE	593	128	ES		0236	11.73	1.43							1.0
UDMP	HN	593	128	IAML		0236	15.29			7836	0.3				
THN	BZ	676	128	EP		0235	23.47	1.13							1.0
THN	BN	676	128	ES		0236	28.51	0.72							1.0
THN	BN	676	128	IAML		0236	31.25			630	0.5				
ALCI	BZ	682	108	EP		0235	23.40	0.10							1.0
ALCI	BN	682	108	ES		0236	29.55	0.09							1.0
ALCI	BN	682	108	IAML		0236	31.72			137	0.4				
DHRM	HZ	726	127	EP		0235	29.67	1.22							1.0
DHRM	HN	726	127	ES		0236	38.86	0.50							1.0
DHRM	HN	726	127	IAML		0236	41.09			544	0.5				
SDNR	BZ	820	128	EP		0235	40.77	0.79							1.0
SDNR	BE	820	128	ES		0236	59.24	0.93							1.0
SDNR	BE	820	128	IAML		0237	00.89			94	0.2				
SMLA	HZ	870	129	EP		0235	46.10-0.14								1.0
SMLA	HN	870	129	ES		0237	09.31	0.17							1.0
HNLV	BZ	901	113	EP		0235	50.03	0.11							1.0

HNLY	BN	901	113	ES	0237	15.11-0.39											1.0
HNLY	BN	901	113	IAML	0237	22.03				151	0.3						
NDI	HZ	1076	140	EP	0236	09.97-1.14											1.0
NDI	HN	1076	140	ES	0237	50.84-1.33											1.0
NPL	BZ	1078	140	EP	0236	10.14-1.20											1.0
NPL	BN	1078	140	ES	0237	51.57-1.00											1.0
KUDL	HZ	1086	145	EP	0236	10.90-1.47											1.0
KUDL	HE	1086	145	ES	0237	54.15-0.20											1.0
KUDL	HN	1086	145	IAML	0237	57.13				41	0.7						
JODH	HZ	1150	165	EP	0236	19.63-0.51											1.0
JODH	HN	1150	165	ES	0238	09.28 1.49											1.0
JODH	HN	1150	165	IAML	0238	15.40				669	0.3						
MUKT	HN	1170	128	ES	0238	11.24-1.50											1.0
MUKT	HN	1170	128	IAML	0238	14.00				34	0.4						
PTH	BE	1200	126	ES	0238	18.64-0.95											1.0
UDPR	BN	1346	164	EP	0236	43.96-0.10											1.0
UDPR	BE	1346	164	ES	0238	49.72 0.55											1.0
UDPR	BN	1346	164	IAML	0238	57.98				190	0.4						

December 11 2023 Hour: 6:32 54.1

Ag: Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BELO	SZ			EP		0646	49.15								
ITAN	SZ			EP		0646	45.07								
JORH	HZ			EP		0646	42.77								
KOHI	SZ			EP		0646	41.70								
MOKO	SZ			EP		0646	41.35								
PASG	SZ			EP		0646	40.99								
SILR	SZ			EP		0646	46.14								
TURA	SZ			EP		0646	56.08								
IMP	SZ			EP		0646	39.75								
ALBI	BZ			EP		0651	30.90								
ALCI	BZ			EP		0652	41.98								
AYAN	BZ			EP		0652	23.64								
BHK	BZ			EP		0652	30.39								
ASOR	BZ			EP		0651	39.04								
BHV	BZ			EP		0652	45.38								
BKNR	BZ			EP		0651	46.79								
BOM	BZ			EP		0652	47.87								
BRCH	BZ			EP		0651	52.00								
BWNR	BZ			EP		0647	08.47								
COBR	BZ			EP		0647	00.19								
KAD	BZ			EP		0647	46.07								
KOD	BZ			EP		0647	28.91								
LATR	BZ			EP		0647	42.01								
LDR	HZ			EP		0647	46.66								
NDI	HZ			EP		0647	49.12								
NGP	BZ			EP		0647	31.82								
NPL	BZ			EP		0647	49.12								
SHBG	BZ			EP		0647	06.58								
KNTI	BZ			EP		0647	12.27								
STMR	BZ			EP		0647	18.63								
VAR	BZ			EP		0647	23.81								
RAGD	BZ			EP		0647	16.28								
PTH	BZ			EP		0647	39.21								
AMRT	HZ			EP		0646	31.10								
MUKT	HZ			EP		0647	37.78								
JODH	HZ			EP		0647	08.49								
JBPL	HZ			EP		0646	58.22								
RAIP	HZ			EP		0647	24.22								
HING	HZ			EP		0647	42.32								
SLPR	HZ			EP		0647	44.63								
RAJM	HZ			EP		0647	19.17								
KNL	HZ			EP		0647	35.16								
BLRY	HZ			EP		0647	20.23								

CMPI	HZ	EP	0646	25.16
BHUJ	HZ	EP	0652	21.38
BOKR	HZ	EP	0650	58.49
DGPR	HZ	EP	0649	57.84
HYB	HZ	EP	0651	57.12
SMLA	HZ	EP	0651	40.13
VISK	HZ	EP	0651	36.84
AZL	SZ	EP	0646	45.12

December 11 2023 Hour: 14:253.1 Lat: 28.93N Lon: 76.65E D: 10.0F Ag: NCS Local
Magnitudes: 2.6ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RTK	BZ	26	297	EP		1402	56.25	-1.65							1.0
RTK	BE	26	297	ES		1403	02.37	0.93							1.0
RTK	BN	26	297	IAML		1403	03.06			2600	0.1				
JHJR	BZ	35	181	EP		1403	00.52	1.09							1.0
NRLA	BZ	46	110	EP		1403	01.37	0.14							1.0
NRLA	BE	46	110	ES		1403	07.53	0.33							1.0
NRLA	BN	46	110	IAML		1403	07.61			650	0.2				
NPL	BZ	60	122	EP		1403	03.91	0.31							1.0
NPL	BE	60	122	ES		1403	11.05	-0.24							1.0
NPL	BN	60	122	IAML		1403	12.24			276	0.1				
NDI	HZ	61	116	EP		1403	03.97	0.23							1.0
AYAN	BZ	68	137	EP		1403	04.72	-0.28							1.0
AYAN	BE	68	137	ES		1403	13.14	-0.57							1.0
AYAN	BN	68	137	IAML		1403	13.83			118	0.2				
KUDL	HZ	89	190	EP		1403	08.45	-0.08							1.0
KUDL	HE	89	190	ES		1403	19.61	-0.21							1.0
KUDL	HE	89	190	IAML		1403	20.87			63	0.1				

December 11 2023 Hour: 16:3442.6 Lat: 28.36N Lon: 79.43E D: 10.0F 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
MUKT	HZ	124	10	EP	9	1635	15.57	11.3							0.0
MUKT	HE	124	10	ES		1635	35.86	4.50							1.0
MUKT	HN	124	10	IAML		1635	37.40			313	0.3				
LGTI	BZ	132	29	EP		1635	06.84	0.92							1.0
LGTI	BE	132	29	ES		1635	23.42	0.50							1.0
LGTI	BN	132	29	IAML		1635	28.84			987	0.3				
PTH	BZ	155	29	EP	9	1635	04.07	-5.23							0.0
PTH	BE	155	29	ES		1635	18.52	-5.01							1.0
PTH	BE	155	29	IAML		1635	21.17			227	0.3				
JOSI	BZ	244	3	EP		1635	19.52	-0.13							1.0
JOSI	BN	244	3	ES		1635	45.39	-1.28							1.0
JOSI	BN	244	3	IAML		1635	49.53			261	0.5				

December 11 2023 Hour: 21:1410.9 Lat: 29.02N Lon: 81.58E D: 10.0F Ag: NCS Local
Magnitudes: 2.5ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PTH	BN	147	296	EP		2114	33.55	-0.26							1.0
PTH	BN	147	296	ES		2114	51.07	0.31							1.0
PTH	BE	147	296	IAML		2114	53.28			57	0.2				
LGTI	BZ	151	286	EP		2114	34.31	0.07							1.0
LGTI	BE	151	286	ES		2114	50.08	-1.42							1.0
LGTI	BE	151	286	IAML		2114	52.26			126	0.3				
MUKT	HZ	193	285	EP		2114	39.75	0.19							1.0
MUKT	HN	193	285	ES		2115	01.87	1.11							1.0
MUKT	HN	193	285	IAML		2115	04.00			172	0.3				

December 12 2023 Hour: 2: 5 40.4 Lat: 36.56N Lon: 70.31E D:120.0F Ag: NCS Local
 Magnitudes: 5.3ML NCS Rms: 0.8 secs
 Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	494	123	EP		0206	47.23	1.57							1.0
SRIN	BN	494	123	ES		0207	33.62	0.33							1.0
SRIN	BE	494	123	IAML		0207	36.80			10448	0.3				
UDMP	HZ	598	131	EP		0206	59.31	1.24							1.0
UDMP	HN	598	131	ES		0207	55.29	0.53							1.0
UDMP	HN	598	131	IAML		0207	56.80			80218	0.4				
ALCI	BZ	677	111	EP		0207	07.49	-0.19							1.0
ALCI	BN	677	111	ES		0208	11.61	0.22							1.0
ALCI	BN	677	111	IAML		0208	19.52			18856	0.3				
THN	BZ	681	131	EP		0207	07.74	-0.26							1.0
THN	BN	681	131	ES		0208	12.15	0.21							1.0
THN	BN	681	131	IAML		0208	16.15			1517	0.3				
AMRT	HZ	690	141	EP		0207	09.20	0.06							1.0
AMRT	HN	690	141	ES		0208	13.92	0.01							1.0
AMRT	HN	690	141	IAML		0208	15.42			3618	0.2				
DHRM	HZ	730	129	EP		0207	14.32	0.39							1.0
DHRM	HE	730	129	ES		0208	22.25	0.05							1.0
DHRM	HN	730	129	IAML		0208	25.62			41049	0.3				
BHK	BZ	801	134	EP	9	0207	22.19	-0.30							0.0
BHK	BN	801	134	ES		0208	38.27	1.56							1.0
BHK	BN	801	134	IAML		0208	39.90			16546	0.3				
SRGN	BZ	808	155	EP		0207	24.23	0.96							1.0
SRGN	BN	808	155	ES		0208	40.57	2.21							1.0
SDNR	BZ	825	131	EP		0207	24.76	-0.63							1.0
SDNR	BN	825	131	ES		0208	40.88	-1.14							1.0
SDNR	BN	825	131	IAML		0208	42.12			931	0.5				
SMLA	HZ	875	132	EP		0207	30.71	-0.92							1.0
SMLA	HN	875	132	ES		0208	52.10	-0.71							1.0
SMLA	HN	875	132	IAML		0208	56.20			1358	0.4				
CGRH	BZ	878	135	EP		0207	32.75	1.07							1.0
CGRH	BN	878	135	ES		0208	54.30	1.39							1.0
BKNR	BZ	987	163	EP		0207	45.47	0.65							1.0
BKNR	BE	987	163	ES		0209	15.36	-0.27							1.0
RTK	BZ	1011	144	EP		0207	47.42	-0.33							1.0
CHUR	HZ	1016	153	EP		0207	48.28	-0.07							1.0
NRLA	BZ	1071	142	EP		0207	54.72	-0.18							1.0
UJWA	BN	1080	143	EP		0207	55.85	-0.23							1.0
UJWA	BN	1080	143	ES		0209	35.53	0.42							1.0
UJWA	BN	1080	143	IAML		0209	38.61			972	0.3				
NDI	HZ	1086	142	EP		0207	56.25	-0.53							1.0
NDI	HE	1086	142	ES		0209	33.47	-2.86							1.0
NDI	HN	1086	142	IAML		0209	44.96			3071	0.3				
NPL	BZ	1088	142	EP		0207	56.77	-0.26							1.0
PTDI	HZ	1096	145	EP		0207	57.72	-0.36							1.0
LDR	HZ	1096	142	EP		0207	57.63	-0.25							1.0
KUDL	HZ	1099	146	EP		0207	57.73	-0.59							1.0
KUDL	HN	1099	146	ES		0209	38.17	-0.81							1.0
KUDL	HN	1099	146	IAML		0209	41.52			144	0.6				
AYAN	BZ	1100	143	EP		0207	58.23	-0.29							1.0
AYAN	BN	1100	143	ES		0209	38.82	-0.52							1.0
AYAN	BN	1100	143	IAML		0209	45.45			335	0.5				
JMIU	BZ	1102	142	EP		0207	58.69	0.08							1.0
JMIU	BE	1102	142	ES		0209	39.29	-0.21							1.0
FBD	HZ	1117	142	EP		0208	00.75	0.24							1.0

December 12 2023 Hour: 17:12 7.9

Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MUKT	HZ			EP		1712	35.63								
PTH	BZ			EP		1712	32.40								
PTH	BN			ES		1713	13.59								
LGTI	BZ			EP		1712	31.71								
JOSI	BZ			EP		1712	22.35								
SMLA	HZ			EP		1712	37.89								
THN	BZ			EP		1712	37.01								
DHRM	HZ			EP		1712	36.19								

**December 12 2023 Hour: 20: 7 18.5 Lat: 24.30N Lon: 94.92E D:120.0F
Magnitudes: 3.9ML NCS
Rms: 0.9 secs**

Ag: NCS Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KOHI	SN	178	333	EP	9	2007	45.50	-0.46							0.0
KOHI	SE	178	333	ES		2008	06.06	0.25							1.0
KOHI	SN	178	333	IAML		2008	07.44			1104	0.6				
CMPI	HZ	186	242	EP		2007	47.21	0.33							1.0
CMPI	HE	186	242	ES		2008	09.81	1.94							1.0
CMPI	HN	186	242	IAML		2008	11.59			1757	0.2				
SILR	SZ	221	284	EP	9	2007	50.34	-0.04							0.0
SILR	SN	221	284	ES		2008	15.10	1.18							1.0
SILR	SN	221	284	IAML		2008	17.37			1390	0.4				
MOKO	SZ	228	350	EP		2007	51.57	0.27							1.0
AZL	SZ	235	255	EP		2007	51.05	-0.98							1.0
JORH	HE	279	346	ES		2008	26.17	0.98							1.0
TEZP	SZ	334	321	EP		2008	02.18	-0.88							1.0
TEZP	SE	334	321	ES		2008	35.17	-0.85							1.0
TEZP	SN	334	321	IAML		2008	37.01			1142	0.2				
ITAN	SN	337	339	EP		2008	03.55	0.08							1.0
ITAN	SN	337	339	ES		2008	36.45	-0.29							1.0
ITAN	SN	337	339	IAML		2008	38.31			620	0.2				
SHL	HZ	340	295	EP		2008	02.70	-1.19							1.0
SHL	HE	340	295	ES		2008	35.81	-1.66							1.0
ZIRO	SE	373	344	ES		2008	43.82	-0.11							1.0
ZIRO	SE	373	344	IAML		2008	46.13			1455	0.5				
PASG	SZ	419	6	EP		2008	12.74	-0.14							1.0
HAUL	HZ	449	21	EP		2008	16.89	0.48							1.0
HAUL	HE	449	21	ES		2008	59.77	0.51							1.0
TAWA	SE	476	321	ES		2009	05.22	0.53							1.0
TURA	SZ	493	287	EP		2008	20.83	-0.68							1.0
TURA	SN	493	287	ES		2009	07.82	-0.31							1.0
GTK	SE	716	299	ES		2009	55.75	1.97							1.0
BOKR	HE	920	268	ES		2010	35.22	0.00							1.0

**December 13 2023 Hour: 0: 5 16.4 Lat: 36.83N Lon: 77.29E D:117.8
Magnitudes: 4.2ML NCS
Rms: 0.9 secs**

Ag: NCS Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	290	182	EP		0005	56.79	0.56							1.0
ALCI	BE	290	182	ES		0006	25.48	-0.25							1.0
ALCI	BE	290	182	IAML		0006	27.98			1727	0.3				
UDMP	HZ	477	205	EP		0006	17.28	-0.26							1.0
UDMP	HE	477	205	ES		0007	02.00	-0.81							1.0
THN	BZ	506	196	EP		0006	20.96	0.15							1.0
THN	BN	506	196	ES		0007	09.68	1.18							1.0
DHRM	HZ	516	190	EP		0006	22.14	-0.07							1.0
DHRM	HN	516	190	ES		0007	11.07	0.13							1.0
BHK	BZ	604	183	EP		0006	32.88	0.62							1.0
BHK	BN	604	183	ES		0007	28.91	0.49							1.0
BHK	BN	604	183	E		0007	31.27								
SMLA	HZ	632	181	EP		0006	35.55	-0.28							1.0

SMLA	HN	632	181	ES	0007	32.88-1.76									1.0
MUKT	HZ	846	164	EP	0007	00.86-0.09									1.0
MUKT	HE	846	164	ES	0008	18.19-0.16									1.0
MUKT	HN	846	164	IAML	0008	23.44		428	0.2						
NDI	HZ	903	181	EP	0007	07.02-0.36									1.0
NDI	HE	903	181	ES	0008	29.03-0.51									1.0
NDI	HE	903	181	IAML	0008	33.22		103	0.4						
NPL	BZ	908	181	EP	0007	07.80-0.20									1.0
NPL	BE	908	181	ES	0008	33.72	3.10								1.0
AYAN	BZ	926	181	EP	0007	10.30	0.27								1.0
AYAN	BN	926	181	ES	0008	33.12-1.03									1.0
AYAN	BN	926	181	IAML	0008	38.69		293	0.3						
KUDL	HZ	966	185	EP	0007	14.59-0.23									1.0
KUDL	HE	966	185	ES	0008	42.00-0.48									1.0
KUDL	HN	966	185	IAML	0008	48.96		399	0.3						

December 13 2023 Hour: 1:57 4.9 Lat: 29.72N Lon: 80.50E D: 6.3 Ag: NCS Local
Magnitudes: 3.0ML NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PTH	BN	32	242	EP		0157	10.97-0.22								1.0
PTH	BE	32	242	ES		0157	16.33	0.54							1.0
PTH	BN	32	242	IAML		0157	18.78			1502	0.2				
LGTI	BZ	53	228	EP		0157	14.73-0.26								1.0
LGTI	BE	53	228	ES		0157	22.60	0.25							1.0
LGTI	BN	53	228	IAML		0157	26.05			575	0.1				
MUKT	HZ	87	250	EP		0157	19.36-0.93								1.0
NDI	HE	340	251	ES		0158	30.09	0.42							1.0
NDI	HN	340	251	IAML		0158	32.21			32	0.3				
NPL	BN	345	250	ES		0158	30.52-0.33								1.0
SMLA	HZ	355	297	EP		0157	56.77	0.70							1.0
SMLA	HN	355	297	ES		0158	33.52	0.10							1.0
SMLA	HN	355	297	IAML		0158	42.38			49	0.3				
KUDL	HE	428	247	ES		0158	48.16-0.24								1.0
DHRM	HN	488	306	EP		0158	12.46	0.32							1.0
DHRM	HE	488	306	ES		0159	00.80-0.42								1.0
DHRM	HN	488	306	IAML		0159	03.06			31	0.4				
ALCI	BN	588	329	EP		0158	24.74	0.27							1.0
ALCI	BN	588	329	ES		0159	22.35-0.21								1.0
ALCI	BN	588	329	IAML		0159	25.80			69	0.3				

December 13 2023 Hour: 16:21 40.0 Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ZIRO	SN			EP		1624	37.77								
DGPR	HN			ES		1624	05.96								
DGPR	HZ			EP		1623	18.67								

December 13 2023 Hour: 19:46 54.8 Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THN	BZ			EP		1948	25.08								
DHRM	HZ			EP		1948	28.65								
SDNR	BZ			EP		1948	38.64								
JOSI	BN			ES		1950	26.14								
THN	BN			ES		1949	26.75								
SMLA	HE			ES		1950	00.42								
ALCI	BZ			EP		1948	08.54								
ALCI	BE			ES		1948	55.22								
SDNR	BN			ES		1949	48.86								
JOSI	BZ			EP		1949	01.90								
DHRM	HE			ES		1949	31.96								
SMLA	HZ			EP		1948	46.54								

December 14 2023 Hour: 6: 4 53.4 Lat: 36.29N Lon: 71.13E D: 50.0F 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
SRIN	BE	417	126	ES		0606	36.04	0.14							1.0
JMU	BZ	517	138	EP		0606	06.45	1.65							1.0
JMU	BN	517	138	ES		0606	58.40	1.51							1.0
JMU	BN	517	138	IAML		0607	00.40			803	0.7				
UDMP	HZ	524	134	EP		0606	06.59	0.87							1.0
UDMP	HE	524	134	ES		0606	58.89	0.40							1.0
ALCI	BZ	597	111	EP		0606	13.63	-1.25							1.0
ALCI	BE	597	111	ES		0607	14.94	0.62							1.0
ALCI	BN	597	111	IAML		0607	17.67			164	0.3				
THN	BZ	606	133	EP		0606	15.55	-0.22							1.0
THN	BN	606	133	ES		0607	14.92	-0.94							1.0
THN	BN	606	133	IAML		0607	17.77			5014	0.3				
DHRM	HZ	654	132	EP		0606	21.72	0.01							1.0
DHRM	HN	654	132	ES		0607	26.31	0.17							1.0
DHRM	HN	654	132	IAML		0607	28.57			7922	0.2				
BHK	BE	728	137	ES	4	0607	41.01	-0.66							0.0
BHK	BN	728	137	IAML		0607	43.89			274	0.3				
SDNR	BZ	750	133	EP		0606	33.21	-0.19							1.0
SDNR	BE	750	133	ES		0607	44.38	-1.99							1.0
SDNR	BN	750	133	IAML		0607	47.15			154	0.3				
SMLA	HZ	801	134	EP		0606	39.15	-0.64							1.0
SMLA	HE	801	134	ES		0607	56.64	-0.78							1.0
SMLA	HE	801	134	IAML		0608	00.33			274	0.2				
HNLY	BN	818	116	EP		0606	41.50	-0.33							1.0
HNLY	BE	818	116	ES		0608	01.91	0.96							1.0
HNLY	BN	818	116	IAML		0608	02.96			12	0.6				

December 14 2023 Hour: 7:59 51.0 Lat: 39.97N Lon: 71.04E D: 10.0F Ag: NCS Local
Magnitudes: 4.5ML NCS Rms: 1.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	840	138	EP		0801	40.89	0.04							1.0
ALCI	BN	840	138	ES		0803	00.90	-0.13							1.0
ALCI	BN	840	138	IAML		0803	07.33			544	0.3				
UDMP	HZ	864	154	EP		0801	45.25	1.69							1.0
UDMP	HE	864	154	ES		0803	04.98	-0.74							1.0
JMU	BZ	866	156	EP		0801	43.16	-0.71							1.0
DHRM	HZ	978	149	EP		0801	58.61	0.98							1.0
DHRM	HE	978	149	ES		0803	31.49	1.43							1.0
DHRM	HN	978	149	IAML		0803	36.68			859	0.3				
HNLY	BZ	1068	136	EP		0802	07.73	-0.95							1.0
HNLY	BN	1068	136	ES		0803	50.17	1.00							1.0
SDNR	BZ	1074	149	EP		0802	08.99	-0.34							1.0
SDNR	BN	1074	149	ES		0803	51.14	0.83							1.0
SDNR	BN	1074	149	IAML		0803	55.13			29	0.8				
SMLA	HZ	1126	149	EP		0802	15.84	-0.07							1.0
SMLA	HN	1126	149	ES		0803	59.71	-1.98							1.0
SMLA	HN	1126	149	IAML		0804	06.26			413	0.5				
UTK	BZ	1225	144	EP		0802	27.23	-0.65							1.0
JOSI	BN	1299	141	ES		0804	37.49	-0.40							1.0

December 14 2023 Hour: 19: 0 6.7 Lat: 32.61N Lon: 75.69E D: 9.8 Ag: NCS Local
Magnitudes: 2.7ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THN	BZ	22	152	EP		1900	11.10	0.18							1.0
UDMP	HZ	63	302	EP		1900	17.44	-0.32							1.0
UDMP	HE	63	302	ES		1900	26.54	0.71							1.0
DHRM	HZ	70	125	EP		1900	18.70	-0.40							1.0

DHRM	HN	70	125	ES	1900	28.73	0.58									1.0
DHRM	HN	70	125	IAML	1900	32.88		642	0.2							
SDNR	BN	165	136	EP	1900	33.61	-0.45									1.0
SDNR	BN	165	136	ES	1900	54.32	0.29									1.0
SDNR	BN	165	136	IAML	1900	56.28		163	0.3							
SMLA	HN	216	139	EP	1900	39.46	-1.03									1.0
SMLA	HN	216	139	ES	1901	05.84	0.69									1.0
SMLA	HN	216	139	IAML	1901	08.02		15	0.3							
ALCI	BZ	225	38	EP	1900	40.60	-0.92									1.0
ALCI	BE	225	38	ES	1901	07.60	0.66									1.0
ALCI	BN	225	38	IAML	1901	09.94		119	0.3							

December 14 2023 Hour: 21:49 24.2

Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	550	138	EP		2150	37.87	-0.73							1.0
UDMP	HE	550	138	ES		2151	31.55	-1.38							1.0
ALCI	BZ	609	115	EP		2150	45.46	-0.16							1.0
ALCI	BE	609	115	ES		2151	45.14	0.06							1.0
THN	BZ	631	136	EP		2150	48.78	0.77							1.0
THN	BN	631	136	ES		2151	49.93	0.74							1.0
DHRM	HZ	679	134	EP		2150	54.54	0.99							1.0
DHRM	HN	679	134	ES		2151	59.93	1.14							1.0
BHK	BN	755	139	ES		2152	13.32	-0.84							1.0
SDNR	BZ	775	135	EP		2151	05.26	0.43							1.0
SDNR	BN	775	135	ES		2152	18.61	0.31							1.0
SMLA	HZ	826	136	EP		2151	11.11	0.06							1.0
SMLA	HE	826	136	ES		2152	29.25	0.19							1.0
JOSI	BZ	1030	129	EP		2151	35.05	-0.05							1.0
JOSI	BN	1030	129	ES		2153	09.83	-0.83							1.0
KUDL	HE	1067	151	ES		2153	18.00	0.02							1.0
MUKT	HZ	1123	133	EP		2151	45.08	-1.27							1.0
MUKT	HN	1123	133	ES		2153	30.66	0.53							1.0
PTH	BZ	1150	130	EP	9	2151	47.82	-1.98							0.0
PTH	BN	1150	130	ES		2153	35.74	1.62							0.0

December 15 2023 Hour: 3:43 51.2

Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THN	BZ	972	68	EP		0345	54.07	-0.80							1.0
DHRM	HZ	1011	70	EP		0346	00.24	0.56							1.0
DHRM	HN	1011	70	ES		0347	34.27	-0.48							1.0
SDNR	BZ	1050	75	EP		0346	03.34	-0.76							1.0
SDNR	BN	1050	75	ES		0347	42.40	-0.05							1.0
SMLA	HZ	1068	78	EP		0346	06.02	-0.37							1.0
SMLA	HE	1068	78	ES		0347	47.40	0.97							1.0
JASL	BZ			EP		0345	03.89								
JASL	BE			ES		0345	57.32								
JODH	HZ			EP		0345	29.63								
UDPR	BZ			EP		0345	51.38								
MUKT	HZ			EP		0346	33.39								
MUKT	HE			ES		0348	34.59								
BHK	BE			ES		0347	29.56								
BHK	BZ			EP		0345	59.00								
KUDL	HZ			EP		0346	01.22								
NDI	HZ			EP		0346	05.82								
NDI	HE			ES		0347	47.08								
THN	BN			ES		0347	24.74								
JODH	HE			ES		0346	44.81								
UDMP	HE			ES		0347	16.40								
UDPR	BE			ES		0347	16.49								
ALCI	BN			ES		0348	05.94								
KUDL	HE			ES		0347	32.48								
ALCI	BZ			EP		0346	19.24								

December 15 2023 Hour: 9:26 50.9 Lat: 24.20N Lon: 93.38E D: 33.0 Ag: NCS Local
Magnitudes: 3.8ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMPI	HZ	78	185	EP		0927	04.46	-0.59							1.0
CMPI	HE	78	185	ES		0927	16.51	1.16							1.0
CMPI	HE	78	185	IAML		0927	18.76			5446	0.3				
AZL	SZ	87	234	EP		0927	06.82	0.77							1.0
SILR	SE	87	318	ES		0927	17.99	0.99							1.0
IMP	SZ	91	40	EP		0927	06.37	-0.27							1.0
IMP	SN	91	40	ES		0927	18.21	0.11							1.0
IMP	SN	91	40	IAML		0927	19.90			555	0.5				
KOHI	SZ	184	24	EP		0927	17.32	-1.29							1.0
KOHI	SE	184	24	ES		0927	38.06	-0.74							1.0
KOHI	SN	184	24	IAML		0927	43.24			204	0.5				
BELO	SN	223	242	ES		0927	46.50	0.38							1.0
BELO	SN	223	242	IAML		0927	50.09			7516	0.3				
MOKO	SZ	261	26	EP		0927	26.68	-1.34							1.0
TEZP	SZ	274	348	EP		0927	28.92	-0.15							1.0
TEZP	SN	274	348	ES		0927	57.58	0.68							1.0
TEZP	SN	274	348	IAML		0927	58.16			269	0.2				
GUWA	SE	278	323	ES		0927	57.09	-0.74							1.0
ITAN	SN	328	6	ES		0928	09.00	0.59							1.0
TURA	SZ	350	295	EP		0927	38.10	-0.32							1.0
TURA	SN	350	295	ES		0928	13.81	0.74							1.0
TURA	SN	350	295	IAML		0928	15.66			5061	0.3				
ZIRO	SN	372	7	ES		0928	18.20	0.64							1.0
ZIRO	SN	372	7	IAML		0928	20.06			271	0.3				
TAWA	SN	405	338	ES		0928	24.91	-0.89							1.0
TAWA	SN	405	338	IAML		0928	28.93			912	0.4				
GTK	SN	590	307	ES		0929	04.78	0.11							1.0
SHBG	BZ	592	282	EP		0928	08.05	0.15							1.0
BOKR	HZ	763	268	EP	9	0928	26.80	-2.09							0.0
BOKR	HE	763	268	ES		0929	28.61	-9.69							1.0

December 15 2023 Hour: 15:35 10.9 Lat: 25.43N Lon: 92.01E D: 10.0F Ag: NCS Local
Magnitudes: 2.5ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHL	HZ	15	351	EP	9	1535	24.54	9.96							0.0
GUWA	SE	90	339	ES		1535	38.18	0.05							1.0
GUWA	SN	90	339	IAML		1535	44.77			326	0.3				
TEZP	SZ	153	31	EP		1535	37.40	0.73							1.0
TEZP	SE	153	31	ES		1535	54.72	-0.78							1.0
TEZP	SN	153	31	IAML		1535	58.13			40	0.2				
TURA	SZ	180	273	EP	9	1535	48.13	8.12							0.0
TURA	SE	180	273	ES		1536	00.58	-8.80							1.0
TURA	SN	180	273	IAML		1536	02.25			39	0.3				

December 15 2023 Hour: 16:55 42.0 Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LGTI	BE			ES		1656	42.19								
MUKT	HZ			EP		1656	29.07								
JOSI	BZ			EP		1656	25.12								
JOSI	BN			ES		1656	49.71								
ALCI	BZ			EP		1657	12.01								
MUKT	HE			ES		1656	38.91								

December 15 2023 Hour: 19:55 42.9 Lat: 36.47N Lon: 70.38E D: 20.0F Ag: NCS Local
Magnitudes: 3.9ML NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	587	131	EP		1957	04.16	0.58							1.0
UDMP	HN	587	131	ES		1958	02.15	-0.31							1.0
UDMP	HN	587	131	IAML		1958	04.81			985	0.2				
ALCI	BZ	667	110	EP		1957	12.51	-0.34							1.0
ALCI	BE	667	110	ES		1958	18.69	0.19							1.0
ALCI	BN	667	110	IAML		1958	20.59			297	0.2				
THN	BN	669	130	ES		1958	18.24	-0.37							1.0
THN	BN	669	130	IAML		1958	19.89			68	0.3				
DHRM	HZ	719	129	EP		1957	18.56	-0.01							1.0
DHRM	HE	719	129	ES		1958	28.77	0.39							1.0
DHRM	HN	719	129	IAML		1958	30.16			102	0.3				
SDNR	BN	814	130	EP		1957	29.07	-0.47							1.0
SDNR	BN	814	130	ES		1958	46.99	-0.37							1.0
SDNR	BN	814	130	IAML		1958	48.65			29	0.4				
SMLA	HZ	864	131	EP		1957	35.46	-0.11							1.0
SMLA	HE	864	131	ES		1958	58.26	0.47							1.0
SMLA	HE	864	131	IAML		1958	59.94			27	0.5				
THN	BZ	669	130	EP		1957	13.27	0.35							1.0
THN	BZ			E		2011	18.63								

December 16 2023 Hour: 3:50 5.3 Lat: 22.72N Lon: 93.82E D:100.0F 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
AZL	SZ	162	314	EP		0350	29.87	-0.11							1.0
AZL	SZ	162	314	ES		0350	46.94	-1.29							1.0
AZL	SZ	162	314	IAML		0350	53.91			76	0.5				
GUWA	SN	441	331	EP		0351	01.33	-0.62							1.0
GUWA	SN	441	331	ES		0351	43.29	-0.57							1.0
GUWA	SN	441	331	IAML		0351	47.80			58	0.1				
TEZP	SE	444	347	ES		0351	44.30	-0.14							1.0
TEZP	SN	444	347	IAML		0351	49.40			218	0.2				
TURA	SZ	479	311	EP		0351	07.39	0.93							1.0
TURA	SE	479	311	ES		0351	52.54	0.84							1.0
TURA	SN	479	311	IAML		0351	54.82			195	0.4				
TAWA	SE	575	340	ES		0352	12.13	0.96							1.0
TAWA	SN	575	340	IAML		0352	19.96			450	0.2				

December 16 2023 Hour: 11:55 28.9 Lat: 23.17N Lon: 94.18E D: 25.0F Ag: NCS Local
Magnitudes: 3.7ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMPI	HZ	96	292	EP	9	1155	47.48	3.46							0.0
CMPI	HE	96	292	ES		1156	02.86	4.16							1.0
CMPI	HN	96	292	IAML		1156	04.71			5818	0.4				
AZL	SZ	164	293	EP		1155	54.20	1.68							1.0
AZL	SZ	164	293	ES		1156	10.30	0.28							1.0
AZL	SZ	164	293	IAML		1156	14.98			7871	0.2				
SILR	SN	227	322	ES		1156	24.04	0.71							1.0
SILR	SN	227	322	IAML		1156	37.94			601	0.3				
BELO	SZ	279	272	EP		1156	07.84	1.14							1.0
BELO	SN	279	272	ES		1156	34.90	0.20							1.0
KOHI	SZ	283	359	EP		1156	07.48	0.22							1.0
KOHI	SN	283	359	ES		1156	36.14	0.48							1.0
KOHI	SN	283	359	IAML		1156	47.10			128	0.3				
MOKO	SZ	351	6	EP		1156	16.02	0.30							1.0
SHL	HZ	355	319	EP		1156	16.74	0.50							1.0
SHL	HE	355	319	ES		1156	50.77	-0.53							1.0
TEZP	SZ	407	340	EP		1156	21.90	-0.59							1.0

TEZP	SN	407	340	ES		1157	03.17	0.99								1.0
TEZP	SN	407	340	IAML		1157	04.62			192	0.2					
GUWA	SN	419	324	EP		1156	22.75	-1.22								1.0
GUWA	SE	419	324	ES		1157	02.83	-1.92								1.0
GUWA	SN	419	324	IAML		1157	06.58			2376	0.3					
ITAN	SE	443	354	ES		1157	10.98	1.17								1.0
TURA	SZ	478	304	EP		1156	31.03	-0.13								1.0
TURA	SN	478	304	ES		1157	16.16	-1.10								1.0
TURA	SE	478	304	IAML		1157	19.46			627	0.2					
TAWA	SE	543	335	ES		1157	30.67	-0.19								1.0
TAWA	SN	543	335	IAML		1157	36.58			419	0.2					
PASG	SZ	554	12	EP		1156	40.07	-0.32								1.0
GTK	SE	726	310	ES		1158	07.74	-1.66								1.0
GTK	SN	726	310	IAML		1158	15.53			41	0.4					
BOKR	HZ	850	276	EP	9	1157	17.12	1.54								0.0
BOKR	HN	850	276	ES		1158	34.36	-1.73								1.0

December 16 2023 Hour: 16:30 49.5

Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GTK	SN			ES		1632	13.15								
TAWA	SE			ES		1632	45.49								
ZIRO	SN			EP		1631	41.65								
ZIRO	SE			ES		1632	26.51								
SILR	SN			EP		1632	06.05								

December 16 2023 Hour: 19:48 38.8 Lat: 25.09N Lon: 94.76E D: 32.5
Magnitudes: 3.0ML NCS Rms: 0.8 secs

Ag: NCS Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KOHI	SZ	96	317	EP		1948	56.15	0.38							1.0
KOHI	SN	96	317	ES		1949	08.41	0.26							1.0
KOHI	SN	96	317	IAML		1949	11.10			192	0.6				
MOKO	SZ	139	350	EP		1949	01.51	0.55							1.0
MOKO	SZ	139	350	ES		1949	17.30	0.18							1.0
MOKO	SZ	139	350	IAML		1949	23.25			139	0.3				
JORH	HZ	190	345	EP		1949	05.32	-1.44							1.0
JORH	HN	190	345	ES		1949	29.33	2.17							1.0
SILR	SE	200	261	ES		1949	30.10	0.83							1.0
CMPI	HZ	230	220	EP		1949	12.21	0.40							1.0
ITAN	SZ	250	336	EP		1949	14.40	0.24							1.0
ITAN	SE	250	336	ES		1949	39.70	-0.26							1.0
ITAN	SN	250	336	IAML		1949	40.43			174	0.3				
AZL	SZ	257	235	EP		1949	14.53	-0.50							1.0
AZL	SZ	257	235	ES		1949	41.21	-0.25							1.0
AZL	SZ	257	235	IAML		1949	44.55			15	0.3				
TEZP	SZ	259	311	EP		1949	14.44	-0.77							1.0
TEZP	SE	259	311	ES		1949	41.20	-0.57							1.0
TEZP	SN	259	311	IAML		1949	42.93			145	0.1				
SHL	HZ	284	281	EP		1949	20.25	1.55							1.0
SHL	HE	284	281	ES		1949	48.28	0.48							1.0
ZIRO	SE	285	342	ES		1949	46.51	-0.72							1.0
ZIRO	SN	285	342	IAML		1949	49.25			231	0.3				
HAUL	HZ	376	28	EP		1949	28.90	-0.49							1.0
TAWA	SN	400	315	ES		1950	11.95	-0.81							1.0
TURA	SZ	459	277	EP		1949	39.56	-0.06							1.0
TURA	SN	459	277	ES		1950	22.83	-1.17							1.0
TURA	SE	459	277	IAML		1950	26.14			110	0.2				

December 17 2023 Hour: 10:31 51.8 Lat: 30.17N Lon: 78.50E D: 5.0F Ag: NCS Local
Magnitudes: 3.2ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JOSI	BZ	110	67	EP		1032	12.60	1.48							1.0
JOSI	BN	110	67	ES		1032	24.53	-0.67							1.0
JOSI	BN	110	67	IAML		1032	28.23			202	0.2				
TKRD	BZ	118	163	EP		1032	11.78	-0.57							1.0
TKRD	BE	118	163	ES		1032	27.56	0.22							1.0
TKRD	BE	118	163	IAML		1032	29.25			2818	0.3				
MUKT	HZ	136	125	EP		1032	15.99	0.17							1.0
MUKT	HE	136	125	ES		1032	32.51	-0.82							1.0
MUKT	HN	136	125	IAML		1032	35.71			4766	0.2				
SMLA	HZ	166	310	EP		1032	19.98	-0.07							1.0
SMLA	HN	166	310	ES		1032	39.83	-0.82							1.0
SMLA	HN	166	310	IAML		1032	43.00			292	0.3				
LGTI	BZ	176	119	EP		1032	22.54	0.81							1.0
LGTI	BE	176	119	ES		1032	42.64	-0.92							1.0
LGTI	BN	176	119	IAML		1032	46.06			895	0.2				
PTH	BZ	177	111	EP		1032	21.68	-0.05							1.0
PTH	BN	177	111	ES		1032	44.21	0.66							1.0
PTH	BN	177	111	IAML		1032	46.97			133	0.2				
NDI	HZ	207	218	EP		1032	25.39	0.61							1.0
NDI	HE	207	218	ES		1032	48.67	-0.17							1.0
NDI	HN	207	218	IAML		1032	51.95			55	0.4				
NPL	BZ	213	218	EP		1032	25.14	-0.44							1.0
NPL	BN	213	218	ES		1032	50.77	0.54							1.0
AYAN	BZ	230	216	EP		1032	27.97	0.33							1.0
AYAN	BE	230	216	ES		1032	53.47	-0.31							1.0
AYAN	BN	230	216	IAML		1032	57.21			67	0.4				

December 18 2023 Hour: 1: 7 33.1 Lat: 29.49N Lon: 81.04E D: 5.0F Ag: NCS Local
Magnitudes: 3.1ML NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PTH	BZ	82	277	EP		0107	47.72	-0.15							1.0
PTH	BN	82	277	ES		0107	58.86	0.18							1.0
PTH	BN	82	277	IAML		0108	03.07			1235	0.2				
LGTI	BZ	93	264	EP		0107	50.75	0.79							1.0
LGTI	BN	93	264	ES		0108	02.10	-0.21							1.0
LGTI	BN	93	264	IAML		0108	03.13			343	0.3				
MUKT	HN	134	269	EP		0107	56.01	-0.70							1.0
MUKT	HE	134	269	ES		0108	14.02	0.05							1.0
MUKT	HN	134	269	IAML		0108	16.81			296	0.3				
SMLA	HZ	414	297	EP		0108	31.57	0.03							1.0

December 18 2023 Hour: 6: 7 56.4 Lat: 30.01N Lon: 69.22E D: 10.0F Ag: NCS Local
Magnitudes: 3.9ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JASL	BZ	379	154	EP		0608	49.12	-0.70							1.0
JASL	BN	379	154	ES		0609	29.93	1.11							1.0
JASL	BN	379	154	IAML		0609	38.01			276	0.9				
BKNR	BZ	452	118	EP		0608	58.03	-0.68							1.0
JODH	HZ	560	137	EP		0609	11.25	-0.67							1.0
THN	BZ	683	65	EP		0609	27.23	0.34							1.0
DHRM	HZ	720	68	EP		0609	31.30	-0.15							1.0
DHRM	HN	720	68	ES		0610	41.46	0.61							1.0
DHRM	HN	720	68	IAML		0610	46.97			761	0.4				
KUDL	HZ	737	105	EP		0609	33.83	0.37							1.0
SDNR	BZ	755	75	EP		0609	36.28	0.54							1.0
SDNR	BN	755	75	ES		0610	48.81	0.54							1.0
SDNR	BN	755	75	IAML		0610	49.69			31	0.4				

SMLA	HN	773	79	EP	0609	38.38	0.25									1.0
SMLA	HE	773	79	ES	0610	50.82	-1.57									1.0
SMLA	HN	773	79	IAML	0610	54.16				116	0.4					

December 18 2023 Hour: 10:18 54.0 Lat: 33.53N Lon: 76.76E D: 10.0F Ag: NCS Local
Magnitudes: 5.5ML NCS Rms: 1.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AURD	HZ			EP		1022	19.75								
ASIV	HZ			EP		1022	21.65								
HRYA	BZ			EP		1020	51.88								
HRYA	BN			ES		1022	22.75								
ALCI	BZ	85	27	EP	9	1019	11.62	3.78							0.0
ALCI	BE	85	27	ES		1019	23.94	2.08							1.0
ALCI	BE	85	27	IAML		1019	29.78		252000	0.5					
ALCI	BN	85	27	IAML		1019	29.85		347000	0.4					
DHRM	HZ	149	197	EP		1019	16.65	-0.44							1.0
THN	BZ	151	217	EP		1019	14.68	-2.49							1.0
UDMP	HZ	167	246	EP		1019	19.27	0.00							1.0
UDMP	HE	167	246	ES		1019	37.99	0.02							1.0
SRIN	BZ	190	288	EP	9	1019	26.94	4.74							0.0
SRIN	BN	190	288	ES		1019	53.99	6.18							1.0
SRIN	BE	190	288	IAML		1019	57.34		130000	0.7					
SRIN	BN	190	288	IAML		1019	58.44		192000	0.8					
JMU	BZ	198	246	EP		1019	23.37	0.27							1.0
SDNR	BN	222	176	EP		1019	24.87	-1.27							1.0
SDNR	BE	222	176	ES		1019	49.55	-0.38							1.0
SDNR	BN	222	176	IAML		1019	52.43		102000	0.3					
HNLV	BZ	223	111	EP		1019	26.80	0.28							1.0
BHK	BE	238	176	EP		1019	28.05	0.07							1.0
BHK	BE	238	176	ES		1019	53.67	0.55							1.0
BHK	BE	238	176	IAML		1019	56.56		52718	0.6					
SMLA	HZ	269	172	EP		1019	32.15	0.05							1.0
AMRT	HZ	272	220	EP		1019	32.88	0.64							1.0
AMRT	HE	272	220	ES		1020	01.34	0.80							1.0
AMRT	HN	272	220	IAML		1020	06.47		56624	0.6					
CGRH	BZ	310	180	EP		1019	37.02	0.01							1.0
CGRH	BE	310	180	ES		1020	08.15	-0.69							1.0
JOSI	BZ	423	141	EP		1019	51.55	0.43							1.0
SRGN	BZ	484	215	EP		1019	57.64	-0.74							1.0
GNR	BZ	488	177	EP		1019	59.00	0.12							1.0
RTK	BZ	500	184	EP		1019	59.11	-1.18							1.0
MERT	BZ	514	169	EP		1020	01.91	-0.10							1.0
NRLA	BZ	520	176	EP		1020	02.21	-0.48							1.0
TKRD	BZ	521	157	EP	9	1020	04.20	1.34							0.0
TKRD	BN	521	157	ES		1020	57.03	1.87							1.0
TKRD	BE	521	157	IAML		1020	59.69		13256	0.3					
MUKT	HN	529	148	EP		1020	04.27	0.27							1.0
MUKT	HN	529	148	ES		1020	55.79	-0.00							1.0
MUKT	HN	529	148	IAML		1021	00.42		11823	0.3					
NDI	HZ	539	175	EP		1020	05.05	-0.00							1.0
NPL	BZ	544	176	EP		1020	05.44	-0.21							1.0
JHJR	BZ	545	181	EP		1020	06.11	0.36							1.0
PTH	BZ	546	142	EP		1020	05.34	-0.70							1.0
LDR	HZ	550	175	EP		1020	06.01	-0.40							1.0
UJWA	BZ	550	179	EP		1020	06.30	-0.10							1.0
JMIU	BZ	553	175	EP		1020	06.33	-0.34							1.0
BISR	BZ	554	173	EP		1020	07.07	0.23							1.0
LGTI	BZ	557	145	EP		1020	07.30	-0.08							1.0
AYAN	BZ	561	176	EP		1020	08.01	0.31							1.0
AYAN	BE	561	176	ES		1021	01.34	-0.90							1.0
FBD	HZ	570	175	EP		1020	08.47	-0.29							1.0
UNCH	BZ	589	169	EP		1020	09.48	-1.64							1.0
KUDL	HZ	598	183	EP		1020	10.65	-1.58							1.0

PWAL	BZ	599	175	EP	1020	12.57	0.23			1.0
CHUR	HZ	607	197	EP	1020	10.90	-2.35			1.0
BKNR	BZ	678	210	EP	1020	23.10	1.18			1.0
BKNR	BE	678	210	ES	1021	27.84	0.85			1.0
BKNR	BN	678	210	IAML	1021	30.97		5285	1.1	
BKNR	BE	678	210	IAML	1021	31.74		4777	1.9	
JPR	HZ	749	187	EP	1020	30.32	-0.03			1.0
BRCH	BZ	808	144	EP	1020	37.50	0.27			1.0
BRCH	BE	808	144	ES	1021	54.23	0.61			1.0
BRCH	BE	808	144	IAML	1021	59.79		2207	0.5	
LKN	BZ	848	151	EP	1020	41.44	-0.53			1.0
LKN	BE	848	151	ES	1022	02.53	0.66			1.0
LKN	BN	848	151	IAML	1022	09.03		12443	0.4	
JODH	HZ	882	205	EP	1020	47.12	1.14			1.0
JASL	BZ	924	219	EP	1020	51.05	0.14			1.0
VLK	BZ	963	133	EP	9 1020	56.88	1.41			0.0
VLK	BE	963	133	ES	1022	25.81	-0.96			1.0
ALBI	BZ	1034	150	EP	1021	03.13	-0.70			1.0
ALBI	BE	1034	150	ES	1022	41.15	1.24			1.0
UDPR	BZ	1035	197	EP	1021	03.88	-0.14			1.0
VAR	BZ	1097	145	EP	1021	11.82	0.61			1.0
JBPL	HZ	1187	164	EP	1021	21.51	-0.30			0.9
BHUJ	HZ	1334	213	EP	1021	39.37	0.28			0.8
BHUJ	HN	1334	213	ES	1023	43.71	2.46			0.8
BLSP	BZ	1374	156	EP	1021	43.52	-0.30			0.8
BLSP	BE	1374	156	ES	1023	52.19	2.70			0.8
BHV	BZ	1382	200	EP	1021	47.00	2.25			0.7
NGP	BZ	1388	170	EP	1021	45.48	-0.00			0.7
BOKR	HE	1398	138	ES	1023	55.39	0.89			0.7
SHBG	BZ	1398	128	EP	1021	45.94	-0.71			0.7
BOKR	HZ	1398	138	EP	1021	47.23	0.53			0.7
RAIP	HZ	1448	159	EP	1021	51.96	-0.54			0.7
TURA	SZ	1576	121	EP	1022	08.38	0.74			0.6
TURA	SE	1576	121	ES	1024	32.22	1.29			0.6
BOM	BZ	1668	195	EP	1022	18.19	-0.17			0.5
LATR	BZ	1675	181	EP	1022	17.94	-1.38			0.5
JGDP	HZ	1685	161	EP	1022	19.58	-0.81			0.5
SHL	HZ	1706	117	EP	1022	24.55	1.56			0.4
RAGD	BZ	1717	156	EP	1022	23.88	-0.26			0.4
RAGD	BE	1717	156	ES	1025	00.10	0.45			0.4
BWNR	BZ	1722	146	EP	1022	24.57	-0.23			0.4
BWNR	BE	1722	146	ES	1025	09.42	8.63			0.4
SLPR	HZ	1759	183	EP	1022	29.76	0.67			0.4
HYB	HZ	1794	174	EP	1022	31.90	-1.31			0.4
KLBG	HZ	1796	180	EP	1022	32.18	-1.22			0.4
BELO	SZ	1832	125	EP	1022	39.72	2.04			0.3
VISK	HZ	1870	158	EP	1022	41.32	-0.81			0.3
KOHI	SZ	1886	113	EP	1022	44.99	0.80			0.3
MOKO	SZ	1888	110	EP	1022	46.53	2.15			0.3
AZL	SZ	1894	121	EP	1022	46.46	1.37			0.3
VJD	BZ	1924	167	EP	1022	47.73	-0.79			0.3
KNL	HZ	1972	176	EP	1022	54.76	0.59			0.2
BLRY	HZ	2021	181	EP	1022	58.64	-1.38			0.2
SUPA	HZ	2035	187	EP	1023	01.59	-0.05			0.1
TPTI	HZ	2213	172	EP	1023	23.00	0.44			0.0
MNGI	BZ	2293	185	EP	1023	30.07	-1.85			0.0
MDRS	HZ	2300	171	EP	1023	35.92	3.14			0.0
KDGU	HZ	2331	182	EP	1023	35.01	-1.51			0.0
MYSR	HZ	2338	181	EP	1023	34.60	-2.71			0.0
SALM	BZ	2426	176	EP	1023	46.84	-0.71			0.0

December 18 2023 Hour: 10:27 11.1 Lat: 33.43N Lon: 76.76E D: 10.0F Ag: NCS Local
Magnitudes: 4.0ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DHRM	HZ	138	198	EP		1027	35.02	0.35							1.0
THN	BN	142	219	EP		1027	33.16	-2.03							1.0
THN	BN	142	219	ES		1027	52.47	-0.28							1.0
THN	BN	142	219	IAML		1027	57.61			765	0.4				
UDMP	HZ	163	250	EP		1027	36.66	-1.44							1.0
UDMP	HN	163	250	ES		1027	57.58	-0.21							1.0
UDMP	HN	163	250	IAML		1027	58.83			8480	0.3				
JMU	BZ	194	249	EP		1027	43.55	1.70							1.0
JMU	BE	194	249	ES		1028	04.34	0.07							1.0
JMU	BN	194	249	IAML		1028	10.30			5577	0.6				
SDNR	BZ	210	176	EP		1027	43.46	-0.50							1.0
SDNR	BN	210	176	ES		1028	07.20	-0.74							1.0
SDNR	BN	210	176	IAML		1028	09.54			583	0.6				
HNLY	BZ	219	109	EP		1027	45.12	-0.03							1.0
HNLY	BE	219	109	ES		1028	09.22	-0.77							1.0
HNLY	BN	219	109	IAML		1028	12.00			233	0.3				
BHK	BN	229	189	EP		1027	46.35	0.21							1.0
BHK	BE	229	189	ES		1028	11.47	-0.23							1.0
BHK	BN	229	189	IAML		1028	14.23			3633	0.5				
SMLA	HZ	259	171	EP		1027	50.60	0.54							1.0
SMLA	HN	259	171	ES		1028	19.42	0.93							1.0
SMLA	HN	259	171	IAML		1028	21.54			901	0.3				
AMRT	HZ	264	222	EP		1027	51.14	0.76							1.0
AMRT	HE	264	222	ES		1028	19.77	0.73							1.0
AMRT	HN	264	222	IAML		1028	24.26			3143	0.4				
JOSI	BZ	414	140	EP		1028	09.51	0.52							1.0
MUKT	HZ	520	147	EP		1028	22.44	0.45							1.0
MUKT	HE	520	147	ES		1029	13.70	-0.03							1.0
MUKT	HN	520	147	IAML		1029	17.46			580	0.3				

December 18 2023 Hour: 10:31 31.0 Lat: 33.29N Lon: 76.66E D: 10.0F Ag: NCS Local
Magnitudes: 4.7ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DHRM	HN	120	196	EP		1031	51.88	0.06							1.0
DHRM	HE	120	196	ES		1032	04.04	-2.99							1.0
DHRM	HN	120	196	IAML		1032	07.92			65262	0.3				
THN	BN	124	221	EP		1031	51.26	-1.07							1.0
THN	BN	124	221	ES		1032	08.08	0.17							1.0
THN	BN	124	221	IAML		1032	11.73			9997	0.6				
UDMP	HZ	149	254	EP		1031	55.24	-0.98							1.0
UDMP	HE	149	254	ES		1032	15.16	0.52							1.0
UDMP	HE	149	254	IAML		1032	18.93			130000	0.2				
SRIN	BZ	192	297	EP		1032	02.07	0.50							1.0
SDNR	BZ	195	173	EP		1032	02.05	0.06							1.0
SDNR	BE	195	173	ES		1032	25.48	0.87							1.0
SDNR	BN	195	173	IAML		1032	30.41			25330	0.5				
HNLY	BZ	223	104	EP		1032	04.36	-1.14							1.0
HNLY	BN	223	104	ES		1032	30.32	-0.36							1.0
HNLY	BE	223	104	IAML		1032	32.74			500	0.3				
SMLA	HZ	244	168	EP		1032	07.72	-0.47							1.0
SMLA	HN	244	168	ES		1032	35.37	0.02							1.0
SMLA	HE	244	168	IAML		1032	41.17			10304	0.5				
CGRH	BZ	283	179	EP		1032	12.12	-0.47							1.0
JOSI	BZ	408	137	EP		1032	28.52	0.41							1.0
JOSI	BN	408	137	ES		1033	10.65	0.84							1.0
JOSI	BN	408	137	IAML		1033	20.54			627	0.6				
SRGN	BZ	457	216	EP		1032	34.13	0.27							1.0
SRGN	BE	457	216	ES		1033	20.46	0.71							1.0

SRGN	BE	457	216	IAML	1033	24.12		28048	0.6	
RTK	BZ	472	183	EP	1032	35.06-0.71				1.0
MERT	BZ	489	168	EP	1032	38.68	0.89			1.0
MUKT	HN	511	145	EP	1032	41.35	0.52			1.0
MUKT	HE	511	145	ES	1033	31.76-0.05				1.0
MUKT	HN	511	145	IAML	1033	36.40		458	0.4	
NDI	HZ	513	174	EP	1032	41.66	0.94			1.0
ASOR	BZ	513	168	EP	1032	40.45-0.39				1.0
NPL	BZ	518	175	EP	1032	41.18-0.13				1.0
LDR	HZ	524	174	EP	1032	41.65-0.34				1.0
JMIU	BZ	527	173	EP	1032	42.19-0.26				1.0
PTH	BZ	531	140	EP	1032	43.20-0.32				1.0
AYAN	BZ	535	175	EP	1032	43.90	0.49			1.0
LGTI	BZ	540	142	EP	1032	43.97-0.87				1.0
LGTI	BN	540	142	ES	1033	39.41	0.66			1.0
LGTI	BN	540	142	IAML	1033	43.84		907	0.3	
FBD	HZ	544	173	EP	1032	45.51	0.96			1.0
UNCH	BZ	551	165	EP	1032	45.19-0.22				1.0
CHUR	HZ	578	197	EP	1032	49.02	0.33			1.0
BKNR	BZ	668	210	EP	1033	01.54	1.92			1.0
BKNR	BE	668	210	ES	1034	05.86	1.54			1.0
BKNR	BE	668	210	IAML	1034	08.10		1742	0.7	
JODH	HZ	854	205	EP	1033	21.92-0.45				1.0
JASL	BZ	897	220	EP	1033	26.20-1.43				1.0

December 18 2023 Hour: 10:48 7.4 Lat: 33.50N Lon: 76.58E D: 10.0F Ag: NCS Local
Magnitudes: 3.5ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	97	35	EP	9	1048	27.17	2.62							0.0
ALCI	BE	97	35	ES		1048	42.10	2.44							1.0
ALCI	BN	97	35	IAML		1048	44.74			810	0.4				
THN	BZ	138	212	EP		1048	31.12	0.15							1.0
THN	BN	138	212	ES		1048	47.79-0.36								1.0
DHRM	HZ	141	190	EP		1048	30.39-1.10								1.0
JMU	BZ	181	244	EP		1048	36.58-0.09								1.0
SDNR	BZ	220	172	EP		1048	41.69	0.27							1.0
SDNR	BE	220	172	ES		1049	06.15-0.08								1.0
SDNR	BN	220	172	IAML		1049	08.76			250	0.4				
BHK	BZ	234	185	EP	9	1048	39.71-3.43								0.0
BHK	BN	234	185	ES		1049	10.77	5.00							1.0
BHK	BN	234	185	IAML		1049	12.44			1911	0.5				
HNLY	BZ	237	109	EP		1048	44.27	0.58							1.0
HNLY	BN	237	109	ES		1049	09.96-0.20								1.0
HNLY	BN	237	109	IAML		1049	11.93			60	0.3				
SMLA	HZ	269	168	EP	9	1048	48.62	0.96							0.0
SMLA	HN	269	168	ES		1049	17.68-0.30								1.0
SMLA	HN	269	168	IAML		1049	20.37			453	0.4				
MUKT	HN	535	146	EP		1049	20.93	0.72							1.0
MUKT	HN	535	146	ES		1050	12.60-0.72								1.0
MUKT	HN	535	146	IAML		1050	17.90			281	0.3				
LGTI	BZ	564	143	EP		1049	23.65-0.51								1.0
KUDL	HZ	594	181	EP		1049	28.43	1.34							1.0

December 18 2023 Hour: 11:14 29.8 Lat: 33.37N Lon: 76.72E D: 10.0F Ag: NCS Local
Magnitudes: 3.5ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	103	25	EP		1114	47.34-0.69								1.0
ALCI	BN	103	25	ES		1115	01.39	0.07							1.0
ALCI	BN	103	25	IAML		1115	05.21			3151	0.3				
DHRM	HZ	130	197	EP		1114	52.22	0.05							1.0
THN	BZ	134	220	EP		1114	51.33-1.36								1.0
THN	BN	134	220	ES		1115	08.98-0.40								1.0

THN	BN	134	220	IAML	1115	14.22		272	0.5	
UDMP	HZ	157	252	EP	1114	55.71-0.37				1.0
UDMP	HN	157	252	ES	1115	15.44 0.19				1.0
JMU	BZ	188	250	EP	1115	00.12 0.31				1.0
JMU	BE	188	250	ES	1115	22.41 0.71				1.0
JMU	BE	188	250	IAML	1115	28.21		753	0.4	
SRIN	BZ	193	294	EP	1115	01.23 0.73				1.0
SDNR	BZ	204	175	EP	1115	01.12-0.71				1.0
SDNR	BE	204	175	ES	1115	24.92-0.28				1.0
SDNR	BN	204	175	IAML	1115	27.25		204	0.5	
BHK	BZ	221	188	EP	1115	03.94 0.03				1.0
BHK	BE	221	188	ES	1115	28.48-0.31				1.0
BHK	BN	221	188	IAML	1115	32.38		1831	0.4	
SMLA	HZ	252	170	EP	1115	08.23 0.25				1.0
SMLA	HN	252	170	ES	1115	36.94 1.11				1.0
SMLA	HN	252	170	IAML	1115	38.05		358	0.3	
JOSI	BZ	412	138	EP	1115	28.01 0.67				1.0

December 18 2023 Hour: 15:43 42.3 Lat: 33.33N Lon: 76.70E D: 10.0F Ag: NCS Local
Magnitudes: 3.1ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	107	24	EP		1544	00.21-1.00								1.0
ALCI	BN	107	24	ES		1544	14.50-0.50								1.0
ALCI	BN	107	24	IAML		1544	17.25			750	0.3				
DHRM	HN	126	197	EP	9	1544	04.11 0.05								0.0
DHRM	HN	126	197	ES		1544	15.39-4.59								1.0
DHRM	HN	126	197	IAML		1544	17.50			162	0.3				
THN	BZ	130	221	EP		1544	03.89-0.73								1.0
THN	BN	130	221	ES		1544	21.80 0.90								1.0
THN	BN	130	221	IAML		1544	28.09			99	0.3				
UDMP	HZ	155	253	EP		1544	08.69 0.40								1.0
UDMP	HE	155	253	ES		1544	26.68-0.57								1.0
SDNR	BZ	200	174	EP		1544	13.71-0.17								1.0
SDNR	BN	200	174	ES		1544	36.61-0.31								1.0
SDNR	BN	200	174	IAML		1544	39.88			93	0.4				
BHK	BZ	217	188	EP		1544	16.63 0.71								1.0
BHK	BE	217	188	ES		1544	40.58 0.13								1.0
BHK	BN	217	188	IAML		1544	45.07			704	0.4				
SMLA	HZ	249	170	EP		1544	20.99 0.95								1.0
SMLA	HE	249	170	ES		1544	47.45-0.13								1.0
SMLA	HN	249	170	IAML		1544	50.88			148	0.3				
MUKT	HZ	513	146	EP		1544	53.09 0.68								1.0
MUKT	HN	513	146	ES		1545	43.20-0.37								1.0
MUKT	HN	513	146	IAML		1545	48.59			69	0.2				

December 18 2023 Hour: 15:59 43.2 Ag: Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ASIV	HZ			EP		1605	34.23								
AURD	HZ			EP		1605	28.56								
HAUL	HZ	988	218	EP		1601	47.22 0.08								1.0
PASG	SZ	1061	223	EP		1601	55.38-0.27								1.0
ZIRO	SN	1200	227	EP		1602	11.42-0.67								0.9
ITAN	SZ	1240	226	EP		1602	16.82 0.01								0.9
JORH	HZ	1241	223	EP		1602	16.77-0.09								0.9
MOKO	SZ	1262	220	EP		1602	19.78 0.28								0.9
TAWA	SN	1334	233	EP		1602	29.58 1.82								0.8
KOHI	SZ	1340	220	EP		1602	28.58-0.07								0.8
TEZP	SZ	1345	227	EP		1602	27.67-1.41								0.8
GUWA	SN	1455	229	EP		1602	39.99-1.99								0.7
SHL	HZ	1495	227	EP		1602	49.93 3.07								0.6
SILR	SZ	1502	222	EP		1602	47.81 0.29								0.6
CMPI	HZ	1589	217	EP		1602	58.58 0.59								0.6
GTK	SN	1602	240	EP		1602	58.81-0.66								0.5

AZL	SZ	1602	220	EP	1602	59.03-0.40	0.5
TURA	SZ	1611	231	EP	1602	59.19-1.20	0.5
JPG	BZ	1647	238	EP	1603	06.62 2.01	0.5
BELO	SZ	1720	222	EP	1603	13.47 0.25	0.4
VLK	BZ	1980	249	EP	1603	40.24-3.57	0.2
BOKR	HZ	2061	236	EP	1603	50.77-2.54	0.1
VAR	BZ	2189	245	EP	1604	02.70-5.68	0.0
PTH	BZ	2200	260	EP	1604	02.85-7.05	0.0
LGTI	BZ	2219	259	EP	1604	04.60-7.51	0.0
JOSI	BZ	2220	263	EP	1604	06.76-5.46	0.0
MUKT	HZ	2255	260	EP	1604	07.73-8.66	0.0
LKN	BZ	2278	252	EP	1604	11.44-7.45	0.0
ALCI	BZ	2332	274	EP	1604	15.58-9.90	0.0
TKRD	BZ	2338	260	EP	1604	16.51-9.36	0.0
BWNR	BZ	2345	229	EP	1604	20.73-5.97	0.0
BNDA	BN	2399	249	EP	1604	21.40-11.7	0.0
SMLA	HZ	2416	266	EP	1604	23.28-12.0	0.0
SDNR	BZ	2426	267	EP	1604	23.72-12.7	0.0
BHK	BZ	2428	267	EP	1604	29.28-7.23	0.0
MERT	BZ	2448	260	EP	1604	26.65-12.2	0.0
ASOR	BZ	2454	260	EP	1604	27.89-11.7	0.0
DHRM	HZ	2459	270	EP	1604	27.47-12.9	0.0
UNCH	BZ	2462	259	EP	1604	24.54-16.0	0.0
CGRH	BZ	2465	266	EP	1604	29.03-11.8	0.0
BLSP	BZ	2470	239	EP	1604	30.54-11.0	0.0
BISR	BZ	2492	260	EP	1604	31.02-13.1	0.0
THN	BZ	2499	270	EP	1604	31.14-13.8	0.0
JMIU	BZ	2505	260	EP	1604	31.22-14.4	0.0
NDI	HZ	2508	260	EP	1604	31.52-14.4	0.0
FBD	HZ	2510	259	EP	1604	32.84-13.4	0.0
LDR	HZ	2511	260	EP	1604	32.66-13.7	0.0
NPL	BZ	2513	260	EP	1604	32.43-14.1	0.0
PWAL	BZ	2521	259	EP	1604	32.95-14.5	0.0
AYAN	BZ	2524	260	EP	1604	33.32-14.5	0.0
UJWA	BZ	2540	260	EP	1604	34.64-15.1	0.0
UDMP	HZ	2548	272	EP	1604	35.89-14.8	0.0
SRIN	BZ	2551	275	EP	1604	35.47-15.6	0.0
JHJR	BZ	2557	260	EP	1604	37.50-14.2	0.0
PTDI	HZ	2562	260	EP	1604	36.88-15.4	0.0
RTK	BZ	2564	262	EP	1604	37.24-15.3	0.0
JBPL	HZ	2574	245	EP	1604	39.92-13.8	0.0
RAIP	HZ	2575	238	EP	1604	39.68-14.2	0.0
RAGD	BZ	2594	232	EP	1604	43.54-12.5	0.0
KUDL	HZ	2597	260	EP	1604	40.33-16.0	0.0
AMRT	HZ	2605	269	EP	1604	41.94-15.3	0.0
DGPR	HZ	2636	204	EP	1604	47.85-13.1	0.0
JGDP	HZ	2710	234	EP	1604	52.24-17.5	0.0
CHUR	HZ	2727	261	EP	1604	51.74-20.0	0.0
VISK	HZ	2728	230	EP	1604	54.49-17.3	0.0
NGP	BZ	2784	242	EP	1604	57.44-21.0	0.0
BKNR	BZ	2882	262	EP	1605	04.58-25.4	0.0
JODH	HZ	2994	259	EP	1605	13.39-29.7	0.0
UDPR	BZ	3023	255	EP	1605	15.65-30.9	0.0
HYB	HZ	3100	237	EP	1605	23.80-31.8	0.0
JASL	BZ	3154	262	EP	1605	26.45-35.5	0.0
LATR	BZ	3183	241	EP	1605	29.61-35.8	0.0
KLBG	HZ	3239	239	EP	1605	35.63-36.3	0.0
KNL	HZ	3269	235	EP	1605	37.68-37.8	0.0
SLPR	HZ	3285	241	EP	1605	37.47-39.9	0.0
BHV	BZ	3324	251	EP	1605	41.79-40.1	0.0
TPTI	HZ	3325	230	EP	1605	42.88-39.2	0.0
MDRS	HZ	3346	228	EP	1605	45.66-38.8	0.0
ATP	HZ	3390	234	EP	1605	45.21-44.5	0.0
BLRY	HZ	3436	237	EP	1605	49.77-45.3	0.0

KAD	BZ	3450	242	EP	1605	50.50-46.3	0.0
BOM	BZ	3451	246	EP	1605	51.08-45.8	0.0
BHUJ	HZ	3454	256	EP	1605	51.94-45.3	0.0
SUPA	HZ	3574	239	EP	1606	01.41-50.0	0.0
SALM	BZ	3599	229	EP	1606	05.07-49.2	0.0
MYSR	HZ	3648	233	EP	1606	07.67-52.4	0.0
KDGU	HZ	3690	233	EP	1606	10.65-54.4	0.0
CHT	HZ	3822	229	EP	1606	20.58-60.0	0.0
KOCH	HZ	3852	230	EP	1606	26.70-57.3	0.0

December 18 2023 Hour: 16: 5 58.6 Lat: 33.36N Lon: 76.70E D: 10.0F Ag: NCS Local
Magnitudes: 3.4ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	104	25	EP		1606	17.70	0.75							1.0
ALCI	BN	104	25	ES		1606	29.85-0.53								1.0
ALCI	BE	104	25	IAML		1606	36.09			191	0.2				
DHRM	HZ	129	197	EP		1606	20.35-0.40								1.0
DHRM	HN	129	197	ES		1606	36.36-0.60								1.0
DHRM	HN	129	197	IAML		1606	37.73			1858	0.2				
THN	BZ	132	219	EP		1606	21.94	0.75							1.0
UDMP	HZ	155	252	EP		1606	25.71	1.12							1.0
UDMP	HN	155	252	ES		1606	42.65-0.94								1.0
SDNR	BZ	203	174	EP		1606	30.97	0.45							1.0
SDNR	BE	203	174	ES		1606	53.46-0.40								1.0
SDNR	BN	203	174	IAML		1606	57.90			180	0.4				
BHK	BZ	220	188	EP	9	1606	34.76	2.21							0.0
BHK	BN	220	188	ES		1607	01.63	2.05							1.0
BHK	BN	220	188	IAML		1607	03.09			1065	0.4				
SMLA	HZ	252	170	EP		1606	36.66-0.03								1.0
SMLA	HE	252	170	ES		1607	04.35-0.17								1.0
SMLA	HN	252	170	IAML		1607	09.50			359	0.6				

December 18 2023 Hour: 18:41 2.5 Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PASG	SZ			EP		1841	40.32								
PASG	SZ			ES		1842	06.76								
HAUL	HN			ES		1842	10.65								
ITAN	SZ			EP		1842	03.88								
HAUL	HZ			EP		1841	42.97								
ITAN	SN			ES		1842	44.70								
MOKO	SZ			EP		1842	06.45								
MOKO	SZ			ES		1843	00.92								
TAWA	SN			EP		1842	17.77								
TEZP	SE			ES		1843	09.74								
TEZP	SZ			EP		1842	14.05								
ZIRO	SE			ES		1842	31.57								
ZIRO	SN			EP		1841	56.71								
CMPI	HN			ES		1844	01.78								
GUWA	SE			ES		1843	30.02								
SHL	HE			ES		1843	39.99								
TAWA	SE			ES		1843	03.45								
CMPI	HZ			EP		1842	45.23								

December 18 2023 Hour: 22:20 7.7 Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DGPR	HZ			EP		2222	35.21								
KOHI	SZ			EP		2225	13.84								
MOKO	SZ			EP		2225	21.30								
AZL	SZ			EP		2224	45.36								
TURA	SZ			EP		2226	18.88								

December 18 2023 Hour: 22:27 58.4 Lat: 33.40N Lon: 76.71E D: 10.0F 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
ALCI	BZ	100	26	EP		2228	16.35	0.30							1.0
ALCI	BE	100	26	ES		2228	29.33	0.37							1.0
ALCI	BN	100	26	IAML		2228	33.65			222	0.4				
DHRM	HZ	133	196	EP	9	2228	17.39	-3.84							0.0
DHRM	HN	133	196	ES		2228	35.26	1.18							1.0
DHRM	HN	133	196	IAML		2228	42.61			1835	0.4				
THN	BN	136	219	EP		2228	20.13	-1.45							1.0
THN	BN	136	219	ES		2228	39.15	0.62							1.0
THN	BN	136	219	IAML		2228	44.16			89	0.6				
UDMP	HZ	157	250	EP	9	2228	21.95	-2.71							0.0
UDMP	HE	157	250	ES		2228	42.40	1.26							1.0
SDNR	BN	208	175	EP		2228	30.74	-0.12							1.0
SDNR	BN	208	175	ES		2228	54.60	0.03							1.0
SDNR	BN	208	175	IAML		2228	56.49			52	0.5				
BHK	BZ	225	188	EP	9	2228	32.92	0.02							0.0
BHK	BN	225	188	ES		2228	58.94	0.81							1.0
BHK	BN	225	188	IAML		2229	01.21			406	0.5				
SMLA	HZ	256	170	EP		2228	37.18	0.17							1.0
SMLA	HN	256	170	ES		2229	04.67	-0.54							1.0
SMLA	HN	256	170	IAML		2229	08.81			83	0.3				
MUKT	HZ	519	147	EP		2229	09.45	0.23							1.0
MUKT	HN	519	147	ES		2230	01.34	0.39							1.0
MUKT	HN	519	147	IAML		2230	05.80			7	0.4				

December 18 2023 Hour: 23:43 15.6 Lat: 22.85N Lon: 94.24E D:118.3 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
CMPI	HZ	119	307	EP		2343	37.67	-0.62							1.0
CMPI	HN	119	307	ES		2343	55.14	0.27							1.0
CMPI	HN	119	307	IAML		2343	59.96			1908	0.6				
AZL	SZ	186	302	EP		2343	44.91	-0.03							1.0
AZL	SZ	186	302	ES		2344	06.05	-0.34							1.0
AZL	SZ	186	302	IAML		2344	10.19			224	0.4				
KOHI	SZ	318	358	EP		2343	59.97	-0.38							1.0
KOHI	SE	318	358	ES		2344	34.58	1.53							1.0
KOHI	SN	318	358	IAML		2344	38.77			99	0.8				
MOKO	SZ	385	4	EP		2344	09.59	1.37							1.0
TEZP	SZ	442	341	EP		2344	14.04	-0.43							1.0
TEZP	SE	442	341	ES		2344	56.33	-1.13							1.0
TEZP	SN	442	341	IAML		2344	59.06			205	0.1				
TURA	SZ	504	307	EP		2344	21.85	-0.02							1.0
TURA	SN	504	307	ES		2345	10.10	-0.17							1.0
TURA	SN	504	307	IAML		2345	13.79			1408	0.4				
TAWA	SN	577	336	EP		2344	32.54	1.20							1.0
TAWA	SN	577	336	ES		2345	26.86	0.20							1.0
TAWA	SN	577	336	IAML		2345	31.70			773	0.5				
PASG	SZ	587	10	EP		2344	32.44	0.54							1.0
HAUL	HZ	623	21	EP		2344	35.54	-0.65							1.0
HAUL	HE	623	21	ES		2345	33.74	-1.30							1.0
HAUL	HN	623	21	IAML		2345	37.10			459	0.3				
BOKR	HZ	861	279	EP		2345	04.72	-0.10							1.0
BOKR	HE	861	279	ES		2346	24.65	0.07							1.0
BOKR	HN	861	279	IAML		2346	30.95			224	0.2				

December 19 2023 Hour: 1:13 56.0 Lat: 36.62N Lon: 69.65E D:160.0F Ag: NCS Local
Magnitudes: 3.8ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HN	648	128	ES		0116	19.39	1.01							1.0
THN	BZ	731	128	EP		0115	26.39	-1.02							1.0
THN	BN	731	128	ES		0116	35.17	0.13							1.0
THN	BN	731	128	IAML		0116	36.25			99	0.4				
ALCI	BZ	735	109	EP		0115	28.40	0.29							1.0
ALCI	BE	735	109	ES		0116	36.06	-0.20							1.0
ALCI	BN	735	109	IAML		0116	38.09			420	0.3				
DHRM	HZ	781	127	EP		0115	33.77	0.41							1.0
DHRM	HE	781	127	ES		0116	45.54	0.14							1.0
DHRM	HN	781	127	IAML		0116	47.53			118	0.4				
SDNR	BZ	876	128	EP		0115	44.64	0.31							1.0
SDNR	BE	876	128	ES		0117	03.45	-1.03							1.0
SDNR	BN	876	128	IAML		0117	07.06			26	0.3				
SMLA	HN	924	129	ES		0117	14.56	-0.04							1.0
SMLA	HN	924	129	IAML		0117	16.58			376	0.5				

December 19 2023 Hour: 1:46 13.8 Lat: 40.76N Lon: 78.05E D:120.0F Ag: NCS Local
Magnitudes: 5.2MW NCS Rms: 1.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	730	186	EP		0147	49.47	1.95							1.0
UDMP	HZ	908	198	EP		0148	09.86	1.10							1.0
THN	BZ	944	193	EP		0148	14.03	0.92							1.0
DHRM	HZ	957	190	EP		0148	16.84	2.17							1.0
AMRT	HZ	1049	197	EP		0148	25.04	-0.68							1.0
SMLA	HZ	1071	184	EP		0148	29.16	0.53							1.0
CGRH	BZ	1118	186	EP		0148	35.13	1.19							1.0
SRGN	BZ	1260	199	EP		0148	50.83	-0.21							1.0
MUKT	HZ	1262	173	EP		0148	52.12	0.47							1.0
MERT	BZ	1307	181	EP		0148	56.91	0.14							1.0
ASOR	BZ	1331	181	EP		0148	59.99	0.24							1.0
JMIU	BZ	1354	183	EP		0149	02.40	-0.05							1.0
UJWA	BZ	1356	185	EP		0149	01.58	-1.07							1.0
UNCH	BZ	1361	180	EP		0149	03.42	0.14							1.0
PTDI	HZ	1384	185	EP		0149	05.03	-1.02							1.0
KUDL	HZ	1407	186	EP		0149	07.19	-1.54							1.0
VLK	BZ	1572	158	EP		0149	29.69	1.00							1.0
LKN	BZ	1574	170	EP		0149	27.81	-1.08							1.0
JASL	BZ	1669	205	EP		0149	39.22	-1.11							0.9
JODH	HZ	1673	198	EP		0149	39.56	-1.27							0.9
VAR	BZ	1778	164	EP		0149	51.47	-1.94							0.8
UDPR	BZ	1838	194	EP		0150	00.04	-0.69							0.8
JPG	BZ	1857	145	EP		0150	03.98	0.97							0.8
BOKR	HZ	2018	156	EP		0150	21.46	-1.00							0.7
NGP	BZ	2173	177	EP		0150	39.38	-1.69							0.6
RAIP	HZ	2193	170	EP		0150	42.64	-0.89							0.5

December 19 2023 Hour: 5:1 21.8 Lat: 33.37N Lon: 76.65E D:10.0F 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
ALCI	BZ	106	28	EP		0501	39.64	-0.92							1.0
ALCI	BE	106	28	ES		0501	54.47	0.23							1.0
ALCI	BN	106	28	IAML		0501	57.53			1716	0.5				
DHRM	HZ	128	195	EP		0501	44.17	0.30							1.0
DHRM	HN	128	195	ES		0501	58.46	-1.50							1.0
THN	BZ	129	218	EP		0501	43.08	-0.98							1.0
THN	BN	129	218	ES		0502	00.81	0.53							1.0
THN	BN	129	218	IAML		0502	07.76			204	0.4				

UDMP	HZ	151	251	EP	0501	47.87	0.61								1.0
UDMP	HE	151	251	ES	0502	06.19	0.37								1.0
JMU	BE	182	250	ES	0502	11.84	-0.59								1.0
SDNR	BN	204	173	EP	0501	53.51	-0.38								1.0
SDNR	BE	204	173	ES	0502	17.07	-0.22								1.0
SDNR	BN	204	173	IAML	0502	19.25			124	0.4					
BHK	BZ	220	187	EP	0501	56.55	0.77								1.0
BHK	BE	220	187	ES	0502	20.05	-0.52								1.0
BHK	BN	220	187	IAML	0502	24.42			890	0.4					
HNLY	BZ	227	106	EP	0501	57.83	1.06								1.0
HNLY	BE	227	106	ES	0502	20.40	-1.87								1.0
HNLY	BN	227	106	IAML	0502	23.62			40	0.2					
SMLA	HZ	253	169	EP	0502	00.78	0.68								1.0
SMLA	HN	253	169	ES	0502	27.55	-0.48								1.0
SMLA	HE	253	169	IAML	0502	30.20			395	0.6					
UTK	BZ	338	149	EP	0502	11.61	1.17								1.0
UTK	BN	338	149	ES	0502	46.83	0.91								1.0
MUKT	HZ	519	146	EP	0502	32.47	-0.16								1.0
MUKT	HN	519	146	ES	0503	25.33	1.01								1.0
MUKT	HN	519	146	IAML	0503	27.49			133	0.3					

December 19 2023 Hour: 5:48 32.5 Lat: 33.30N Lon: 76.85E D: 10.0F Ag: NCS Local
Magnitudes: 2.9ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	106	17	EP		0548	51.32	0.21							1.0
ALCI	BE	106	17	ES		0549	04.16	-0.54							1.0
ALCI	BN	106	17	IAML		0549	08.79			46	0.3				
DHRM	HZ	128	204	EP	9	0548	55.42	0.96							0.0
DHRM	HN	128	204	ES		0549	05.32	-6.13							1.0
DHRM	HN	128	204	IAML		0549	08.26			599	0.2				
THN	BZ	137	226	EP		0548	54.46	-1.37							1.0
THN	BN	137	226	ES		0549	12.98	0.13							1.0
THN	BN	137	226	IAML		0549	18.85			63	0.3				
SDNR	BZ	196	178	EP		0549	04.69	1.16							1.0
SDNR	BE	196	178	ES		0549	26.57	0.38							1.0
SDNR	BN	196	178	IAML		0549	30.64			300	0.3				
JMU	BZ	197	253	EP	9	0548	58.29	-5.34							0.0
JMU	BN	197	253	ES		0549	24.62	3.60							1.0
JMU	BN	197	253	IAML		0549	31.92			154	0.6				
BHK	BZ	216	192	EP	9	0549	07.00	1.03							0.0
BHK	BN	216	192	ES		0549	34.76	3.32							1.0
BHK	BN	216	192	IAML		0549	35.78			248	0.5				
SMLA	HZ	243	173	EP		0549	09.38	-0.17							1.0
SMLA	HN	243	173	ES		0549	36.81	0.21							1.0
SMLA	HE	243	173	IAML		0549	41.55			125	0.4				

December 19 2023 Hour: 5:58 30.4 Lat: 33.18N Lon: 76.24E D: 10.0F Ag: NCS Local
Magnitudes: 2.7ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THN	BZ	91	207	EP		0558	46.60	0.24							1.0
THN	BN	91	207	ES		0558	57.84	-0.16							1.0
THN	BN	91	207	IAML		0558	59.92			508	0.3				
UDMP	HZ	108	255	EP		0558	49.18	-0.04							1.0
JMU	BZ	139	252	EP		0558	54.40	0.43							1.0
ALCI	BZ	145	37	EP		0558	52.73	-2.38							1.0
ALCI	BN	145	37	ES		0559	14.75	1.61							1.0
SDNR	BN	192	161	EP		0559	00.88	-0.16							1.0
SDNR	BN	192	161	ES		0559	23.48	0.08							1.0
SDNR	BN	192	161	IAML		0559	28.50			15	0.3				
SMLA	HN	244	159	EP		0559	08.01	0.46							1.0
SMLA	HE	244	159	ES		0559	34.58	-0.07							1.0
SMLA	HN	244	159	IAML		0559	40.07			128	0.3				

December 19 2023 Hour: 7:44 15.0 Lat: 25.61N Lon: 90.31E D: 28.2 Ag: NCS Local
Magnitudes: 3.4ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TURA	SN	14	219	EP		0744	20.06	-0.19							1.0
TURA	SE	14	219	ES		0744	24.13	0.03							1.0
TURA	SN	14	219	IAML		0744	25.05			9086	0.2				
SHL	HZ	169	91	EP		0744	40.86	-0.35							1.0
SHL	HE	169	91	ES		0745	00.29	-0.07							1.0
SHL	HE	169	91	IAML		0745	02.56			483	0.2				
GTK	SN	254	318	EP		0744	52.06	0.38							1.0
GTK	SE	254	318	ES		0745	17.07	-1.41							1.0
GTK	SN	254	318	IAML		0745	19.13			103	0.3				
TAWA	SN	269	35	EP		0744	54.45	0.87							1.0
TAWA	SN	269	35	ES		0745	22.52	0.74							1.0
TAWA	SN	269	35	IAML		0745	26.44			555	0.3				
SHBG	BZ	272	262	EP		0744	54.10	0.77							1.0
SHBG	BE	272	262	ES		0745	21.59	0.25							1.0
TEZP	SZ	273	65	EP		0744	53.17	-0.21							1.0
KOHI	SZ	382	87	EP		0745	06.40	-0.80							1.0

December 19 2023 Hour: 8:18 44.0 Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KLBG	HZ	215	359	EP		0819	20.04	4.43							1.0
SUPA	HZ			EP		0819	20.63								
KDGU	HZ			EP		0819	34.99								
KLBG	HN			ES		0819	35.72								
HYB	HN			ES		0819	47.96								
HYB	HZ			EP		0819	30.49								

December 19 2023 Hour: 8:32 44.7 Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DHRM	HE			ES		0835	57.29								
SMLA	HE			ES		0836	27.94								
SDNR	BN			ES		0836	15.50								
ALCI	BN			ES		0835	44.18								
KUDL	HZ			EP		0835	31.65								
SDNR	BZ			EP		0834	59.51								
MUKT	HZ			EP		0835	39.45								
KUDL	HN			ES		0837	20.47								
HNLY	BN			ES		0836	33.42								
THN	BN			ES		0835	46.53								
ALCI	BZ			EP		0834	39.15								
JMU	BE			ES		0835	28.51								

December 19 2023 Hour: 12:14 32.6 Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMPI	HZ	604	340	EP		1215	55.70	2.00							1.0
KOHI	SZ	822	351	EP		1216	20.03	-0.62							1.0
MOKO	SZ	883	355	EP		1216	28.59	0.58							1.0
TEZP	SZ	949	344	EP		1216	34.63	-0.91							1.0
TURA	SZ	950	327	EP		1216	35.56	-0.21							1.0
GUWA	SN			EP		1216	32.99								
SHL	HZ			EP		1216	25.76								
SHL	HE			ES		1217	58.10								
CMPI	HN			ES		1217	06.09								
GUWA	SE			ES		1218	07.66								
AZL	SZ	654	336	EP		1216	00.88	1.30							1.0

December 19 2023 Hour: 15: 6 20.5 Lat: 33.37N Lon: 76.68E D: 5.0F Ag: NCS Local
Magnitudes: 3.2ML NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	105	27	EP		1506	39.01	0.20							1.0
ALCI	BE	105	27	ES		1506	52.02	-0.19							1.0
ALCI	BN	105	27	IAML		1506	56.20			437	0.5				
DHRM	HZ	129	196	EP		1506	41.97	-0.99							1.0
THN	BZ	132	218	EP		1506	42.82	-0.49							1.0
THN	BN	132	218	ES		1507	00.56	0.57							1.0
THN	BN	132	218	IAML		1507	06.81			177	0.6				
UDMP	HZ	153	251	EP		1506	46.22	-0.48							1.0
UDMP	HN	153	251	ES		1507	06.43	0.58							1.0
SDNR	BZ	205	174	EP		1506	53.27	0.08							1.0
SDNR	BE	205	174	ES		1507	17.05	-0.03							1.0
SDNR	BN	205	174	IAML		1507	20.22			88	0.3				
BHK	BZ	221	187	EP		1506	55.04	-0.11							1.0
BHK	BE	221	187	ES		1507	20.02	-0.46							1.0
BHK	BN	221	187	IAML		1507	23.82			990	0.4				
SMLA	HN	253	169	EP		1506	59.95	0.58							1.0
SMLA	HE	253	169	ES		1507	27.69	-0.08							1.0
SMLA	HN	253	169	IAML		1507	31.39			247	0.3				
MUKT	HZ	518	146	EP		1507	32.33	0.55							1.0
MUKT	HE	518	146	ES		1508	24.11	0.27							1.0
MUKT	HN	518	146	IAML		1508	27.69			95	0.3				

December 19 2023 Hour: 18:58 6.4 Lat: 29.32N Lon: 76.69E D: 22.2 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
RTK	BZ	42	220	EP		1858	14.93	0.41							1.0
RTK	BN	42	220	ES		1858	20.04	-0.44							1.0
RTK	BN	42	220	IAML		1858	21.35			4497	0.2				
NRLA	BZ	71	147	EP		1858	18.57	-0.29							1.0
NRLA	BE	71	147	ES		1858	26.67	-1.32							1.0
NRLA	BN	71	147	IAML		1858	28.12			4155	0.2				
UJWA	BZ	86	166	EP		1858	21.72	0.58							1.0
UJWA	BN	86	166	ES		1858	32.12	0.20							1.0
NDI	HZ	87	145	EP		1858	21.47	0.24							1.0
NDI	HE	87	145	ES		1858	31.16	-0.92							1.0
NDI	HE	87	145	IAML		1858	31.87			130	0.1				
NPL	BZ	89	149	EP		1858	22.28	0.72							1.0
NPL	BN	89	149	ES		1858	32.72	0.06							1.0
AYAN	BZ	102	156	EP		1858	24.33	0.69							1.0
AYAN	BE	102	156	ES		1858	35.79	-0.47							1.0
AYAN	BN	102	156	IAML		1858	37.28			93	0.2				
KUDL	HZ	133	189	EP		1858	28.47	0.27							1.0
KUDL	HE	133	189	ES		1858	44.19	0.05							1.0
KUDL	HE	133	189	IAML		1858	46.22			108	0.3				
SMLA	HZ	205	13	EP	9	1858	39.69	2.32							0.0
SMLA	HE	205	13	ES		1859	02.01	-0.31							1.0
SMLA	HN	205	13	IAML		1859	05.51			81	0.3				
BHK	BZ	232	353	EP		1858	39.62	-0.68							1.0
BHK	BE	232	353	ES		1859	04.85	-0.23							1.0
BHK	BN	232	353	IAML		1859	13.66			75	0.2				
SDNR	BZ	247	5	EP		1858	42.26	0.08							1.0
SDNR	BE	247	5	ES		1859	07.63	-0.69							1.0
SDNR	BN	247	5	IAML		1859	16.01			91	0.3				
MUKT	HN	288	86	EP		1858	48.98	1.49							1.0
MUKT	HE	288	86	ES		1859	17.61	0.10							1.0
MUKT	HN	288	86	IAML		1859	27.99			39	0.3				
DHRM	HZ	326	354	EP	9	1859	03.81	11.9							0.0
DHRM	HE	326	354	ES		1859	37.41	0.32							1.0

DHRM	HN	326	354	IAML	1859	39.89			72	0.4					
PTH	BZ	342	84	EP	1858	54.49	0.13								1.0

December 20 2023 Hour: 6:27 15.2 Lat: 33.33N Lon: 76.71E D: 5.0F 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
ALCI	BZ	107	24	EP		0627	33.67	-0.37							1.0
ALCI	BE	107	24	ES		0627	47.52	-0.28							1.0
ALCI	BN	107	24	IAML		0627	50.77			617	0.4				
DHRM	HZ	126	198	EP		0627	36.78	-0.28							1.0
DHRM	HE	126	198	ES		0627	52.89	-0.13							1.0
THN	BZ	130	221	EP		0627	37.15	-0.62							1.0
THN	BN	130	221	ES		0627	54.50	0.24							1.0
THN	BN	130	221	IAML		0628	00.83			240	0.8				
UDMP	HZ	155	253	EP		0627	41.33	-0.37							1.0
UDMP	HE	155	253	ES		0628	00.82	-0.23							1.0
JMU	BZ	186	251	EP		0627	45.98	0.42							1.0
SDNR	BZ	199	175	EP		0627	47.86	0.57							1.0
SDNR	BE	199	175	ES		0628	11.45	0.73							1.0
SDNR	BN	199	175	IAML		0628	15.60			174	0.3				
BHK	BZ	217	188	EP		0627	50.74	1.38							1.0
BHK	BN	217	188	ES		0628	12.77	-1.53							1.0
BHK	BN	217	188	IAML		0628	19.32			1331	0.4				
HNLY	BN	220	106	EP		0627	50.59	0.68							1.0
HNLY	BN	220	106	ES		0628	14.64	-0.61							1.0
HNLY	BN	220	106	IAML		0628	18.54			993	0.2				
SMLA	HZ	248	170	EP		0627	54.16	0.71							1.0
SMLA	HE	248	170	ES		0628	21.16	-0.21							1.0
SMLA	HN	248	170	IAML		0628	26.98			357	0.4				
UTK	BZ	331	150	EP		0628	04.70	1.09							1.0
UTK	BE	331	150	ES		0628	37.75	-1.21							1.0
UTK	BN	331	150	IAML		0628	44.96			812	0.2				

December 20 2023 Hour: 6:48 40.1 Lat: 33.42N Lon: 76.51E D: 5.0F 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
ALCI	BZ	108	35	EP		0648	58.82	-0.21							1.0
ALCI	BE	108	35	ES		0649	12.89	0.04							1.0
ALCI	BE	108	35	IAML		0649	16.23			124	0.3				
THN	BN	127	211	EP		0649	02.78	0.64							1.0
THN	BN	127	211	ES		0649	17.59	-0.66							1.0
THN	BN	127	211	IAML		0649	24.31			490	0.4				
DHRM	HZ	131	188	EP		0649	03.28	0.37							1.0
SDNR	BZ	212	170	EP		0649	14.63	0.91							1.0
SDNR	BN	212	170	ES		0649	37.52	-0.75							1.0
SDNR	BN	212	170	IAML		0649	40.81			31	0.3				
BHK	BZ	225	183	EP		0649	14.78	-0.46							1.0
BHK	BN	225	183	ES		0649	41.52	0.61							1.0
BHK	BN	225	183	IAML		0649	44.08			222	0.4				
SMLA	HZ	262	166	EP		0649	19.28	-0.74							1.0
SMLA	HN	262	166	ES		0649	49.44	0.26							1.0
SMLA	HN	262	166	IAML		0649	51.22			44	0.2				

December 20 2023 Hour: 10:35 12.4 Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BOM	BE			ES		1036	42.81								
NGP	BE			ES		1038	00.96								
KAD	BZ			EP		1035	55.01								
KAD	BN			ES		1036	00.95								
BOM	BZ			EP		1036	10.39								

December 20 2023 Hour: 15: 6 48.1 Lat: 33.17N Lon: 76.65E D: 5.0F 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
DHRM	HZ	108	198	EP		1507	06.59	-0.24							1.0
DHRM	HN	108	198	ES		1507	18.67	-1.84							1.0
THN	BZ	114	225	EP		1507	07.19	-0.65							1.0
THN	BN	114	225	ES		1507	23.72	1.47							1.0
THN	BN	114	225	IAML		1507	32.05			718	0.4				1.0
ALCI	BZ	126	23	EP	9	1507	04.52	-5.56							0.0
ALCI	BN	126	23	ES		1507	19.87	-0.69							1.0
ALCI	BN	126	23	IAML		1507	22.12			959	0.4				1.0
SDNR	BZ	183	172	EP		1507	17.78	-0.41							1.0
SDNR	BE	183	172	ES		1507	40.83	0.69							1.0
SDNR	BE	183	172	IAML		1507	47.24			379	0.4				1.0
BHK	BZ	199	187	EP	9	1507	20.65	0.56							0.0
BHK	BE	199	187	ES		1507	43.89	-0.11							1.0
BHK	BN	199	187	IAML		1507	49.10			1452	0.4				1.0
SMLA	HZ	232	168	EP		1507	24.17	-0.25							1.0
SMLA	HE	232	168	ES		1507	51.68	0.74							1.0
SMLA	HE	232	168	IAML		1507	55.44			763	0.5				1.0
JOSI	BZ	400	136	EP		1507	45.29	0.50							1.0

December 20 2023 Hour: 22:31 11.6 Lat: 29.74N Lon: 80.16E D: 5.0F Ag: NCS Local
Magnitudes: 2.3ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PTH	BZ	17	165	EP		2231	14.38	-0.83							1.0
PTH	BN	17	165	ES		2231	18.76	0.90							1.0
PTH	BN	17	165	IAML		2231	20.67			166	0.3				1.0
LGTI	BZ	38	190	EP		2231	18.27	-0.67							1.0
LGTI	BE	38	190	ES		2231	25.11	0.79							1.0
LGTI	BN	38	190	IAML		2231	27.65			207	0.1				1.0
MUKT	HZ	58	238	EP		2231	20.64	-1.29							1.0
MUKT	HE	58	238	ES		2231	29.61	0.13							1.0
MUKT	HN	58	238	IAML		2231	32.59			335	0.3				1.0
JOSI	BZ	108	328	EP		2231	30.93	0.51							1.0
SMLA	HZ	326	299	EP		2231	59.45	-0.47							1.0
SMLA	HE	326	299	ES		2232	36.13	0.93							1.0
SMLA	HN	326	299	IAML		2232	39.63			14	0.3				1.0

December 20 2023 Hour: 23:39 39.3 Lat: 32.73N Lon: 76.36E D: 4.1 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
DHRM	HZ	54	186	EP		2339	48.98	0.21							1.0
DHRM	HN	54	186	ES		2339	56.57	0.92							1.0
DHRM	HN	54	186	IAML		2340	02.72			988	0.6				1.0
THN	BZ	62	239	EP		2339	50.04	-0.03							1.0
THN	BN	62	239	ES		2339	57.04	-0.87							1.0
THN	BN	62	239	IAML		2340	01.04			816	0.2				1.0
UDMP	HZ	118	280	EP		2339	59.39	-0.36							1.0
UDMP	HE	118	280	ES		2340	15.16	0.51							1.0
SDNR	BZ	142	159	EP		2340	03.99	0.04							1.0
SDNR	BN	142	159	ES		2340	20.36	-1.55							1.0
SDNR	BN	142	159	IAML		2340	25.87			71	0.2				1.0
BHK	BZ	148	179	EP		2340	05.09	0.24							1.0
BHK	BN	148	179	ES		2340	24.29	0.81							1.0
BHK	BN	148	179	IAML		2340	27.57			85	0.3				1.0
ALCI	BZ	181	25	EP		2340	09.96	0.45							1.0
ALCI	BN	181	25	ES		2340	31.59	0.05							1.0
ALCI	BN	181	25	IAML		2340	36.61			241	0.2				1.0
SMLA	HN	194	156	EP		2340	09.75	-1.32							1.0

SMLA	HN	194	156	ES		2340	35.13	0.89									1.0
SMLA	HN	194	156	IAML		2340	38.35			83	0.4						

December 21 2023 Hour: 10:16 52.4 Lat: 33.32N Lon: 76.67E D: 5.0F Ag: NCS Local
Magnitudes: 2.7ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	110	26	EP		1017	08.78	-1.41							1.0
ALCI	BN	110	26	ES		1017	23.83	0.45							1.0
ALCI	BN	110	26	IAML		1017	26.77			547	0.3				
ALCI	BE	110	26	IAML		1017	28.54			648	0.2				
DHRM	HZ	124	196	EP		1017	12.25	-0.02							1.0
DHRM	HN	124	196	ES		1017	25.44	-1.54							1.0
DHRM	HE	124	196	IAML		1017	26.84			77	0.3				
DHRM	HN	124	196	IAML		1017	27.00			100	0.7				
THN	BZ	127	220	EP		1017	12.90	0.26							1.0
THN	BN	127	220	IAML		1017	36.33			559	0.5				
JMU	BZ	182	251	EP		1017	21.09	1.18							1.0
JMU	BE	182	251	ES		1017	40.03	-0.26							1.0
JMU	BN	182	251	IAML		1017	49.40			149	0.3				
JMU	BE	182	251	IAML		1017	49.61			101	0.4				
SDNR	BZ	200	174	EP		1017	22.84	0.64							1.0
SDNR	BE	200	174	ES		1017	44.19	-0.07							1.0
SMLA	HZ	247	169	EP		1017	28.10	-0.17							1.0
SMLA	HE	247	169	ES		1017	55.78	0.94							1.0
SMLA	HN	247	169	IAML		1017	59.22			85	0.7				
SMLA	HE	247	169	IAML		1017	59.34			109	0.6				

December 21 2023 Hour: 11:38 1.1 Lat: 14.61N Lon: 77.54E D: 4.1 Ag: NCS Local
Magnitudes: 2.5ML NCS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ATP	HZ	11	92	EP		1138	03.34	0.27							1.0
ATP	HE	11	92	ES		1138	04.37	-0.15							1.0
ATP	HN	11	92	IAML		1138	04.54			960	0.1				
ATP	HE	11	92	IAML		1138	04.68			1374	0.4				
KNL	HZ	138	23	EP		1138	22.87	-0.27							1.0
KNL	HN	138	23	ES		1138	39.60	0.15							1.0
KNL	HE	138	23	IAML		1138	43.56			180	0.5				
KNL	HN	138	23	IAML		1138	46.28			109	0.2				
TPTI	HZ	243	114	EP		1138	36.38	0.00							1.0

December 21 2023 Hour: 22:40 58.4 Lat: 33.05N Lon: 78.79E D: 8.6 Ag: NCS Local
Magnitudes: 2.8ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	197	311	EP		2241	27.13	-0.60							1.0
SDNR	BZ	245	227	EP		2241	32.82	-0.64							1.0
SDNR	BE	245	227	ES		2241	58.99	-0.39							1.0
SDNR	BN	245	227	IAML		2242	01.82			252	0.4				
SDNR	BE	245	227	IAML		2242	01.96			333	0.5				
DHRM	HN	249	250	EP		2241	34.47	0.34							1.0
DHRM	HN	249	250	ES		2242	01.60	1.05							1.0
DHRM	HE	249	250	IAML		2242	05.32			43	0.7				
DHRM	HN	249	250	IAML		2242	05.90			47	0.6				
UTK	BZ	259	187	EP		2241	35.95	0.62							1.0
UTK	BE	259	187	ES		2242	03.12	0.48							1.0
UTK	BN	259	187	IAML		2242	11.68			289	0.2				
UTK	BE	259	187	IAML		2242	12.69			423	0.3				
SMLA	HZ	262	216	EP		2241	35.55	-0.25							1.0
SMLA	HE	262	216	ES		2242	02.31	-1.15							1.0
SMLA	HE	262	216	IAML		2242	07.47			46	0.4				
SMLA	HN	262	216	IAML		2242	08.22			52	0.3				
THN	BZ	287	257	EP		2241	39.27	0.52							1.0

December 22 2023 Hour: 0:31 17.8 Lat: 33.87N Lon: 72.77E D: 70.5 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
SRIN	BZ	189	83	EP		0031	45.24	0.68							1.0
SRIN	BE	189	83	ES		0032	02.77	-1.56							1.0
SRIN	BE	189	83	IAML		0032	08.31			1766	0.4				
SRIN	BN	189	83	IAML		0032	09.00			1865	0.2				
UDMP	HZ	243	115	EP		0031	50.48	-0.49							1.0
UDMP	HE	243	115	ES		0032	15.65	0.16							1.0
UDMP	HE	243	115	IAML		0032	18.29			7802	0.7				
UDMP	HN	243	115	IAML		0032	19.28			5080	0.2				
THN	BZ	324	118	EP		0032	00.14	-0.57							1.0
THN	BN	324	118	ES		0032	33.91	1.47							1.0
THN	BN	324	118	IAML		0032	36.19			326	0.3				
DHRM	HZ	376	118	EP		0032	06.82	-0.27							1.0
ALCI	BZ	409	83	EP		0032	10.85	-0.36							1.0
ALCI	BN	409	83	ES		0032	52.28	1.57							1.0
ALCI	BN	409	83	IAML		0033	03.73			86	0.7				
SRGN	BZ	451	166	EP		0032	16.61	0.85							1.0
SDNR	BZ	466	123	EP		0032	17.39	-0.33							1.0
SDNR	BN	466	123	ES		0033	02.27	0.24							1.0
SDNR	BN	466	123	IAML		0033	05.26			31	0.3				
SMLA	HZ	513	125	EP		0032	22.92	-0.40							1.0
UTK	BZ	638	122	EP		0032	38.08	0.19							1.0
KUDL	HZ	728	150	EP		0032	48.20	-0.17							1.0
KUDL	HN	728	150	ES		0033	55.33	-0.04							1.0
KUDL	HN	728	150	IAML		0033	59.83			151	0.1				
KUDL	HE	728	150	IAML		0034	01.00			33	0.5				
MUKT	HZ	815	125	EP		0032	59.50	0.59							1.0
MUKT	HN	815	125	ES		0034	12.15	-1.55							1.0
MUKT	HE	815	125	IAML		0034	19.30			77	0.3				
MUKT	HN	815	125	IAML		0034	22.93			91	0.3				

December 22 2023 Hour: 0:35 32.9 Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MOKO	SZ	107	249	EP		0035	52.16	0.21							1.0
MOKO	SZ	107	249	ES		0036	06.79	0.95							1.0
KOHI	SZ	176	233	EP		0036	01.52	-0.46							1.0
KOHI	SN	176	233	ES		0036	22.61	-0.59							1.0
ZIRO	SN	190	300	EP		0036	03.56	0.38							1.0
ZIRO	SN	190	300	ES		0036	25.41	0.14							1.0
GTK	SN	689	277	EP		0037	05.66	0.96							1.0
GTK	SN	689	277	ES		0038	10.09	-1.60							1.0

December 22 2023 Hour: 4:41 11.3 Lat: 36.57N Lon: 71.12E D:150.0F Ag: NCS Local
Magnitudes: 3.7ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	610	114	EP		0442	38.29	0.38							1.0
ALCI	BE	610	114	ES		0443	40.67	-0.43							1.0
ALCI	BN	610	114	IAML		0443	44.47			109	0.4				
DHRM	HZ	676	134	EP		0442	45.13	0.13							1.0
DHRM	HN	676	134	ES		0443	53.08	-0.29							1.0
DHRM	HN	676	134	IAML		0443	56.39			478	0.4				
SDNR	BZ	773	135	EP		0442	56.76	1.06							1.0
SDNR	BE	773	135	ES		0444	12.51	0.64							1.0
SDNR	BE	773	135	IAML		0444	16.31			9	0.3				
SMLA	HZ	823	135	EP		0443	00.59	-1.06							1.0
KUDL	HZ	1062	150	EP		0443	28.33	-0.46							1.0
KUDL	HE	1062	150	ES		0445	09.16	0.03							1.0
KUDL	HN	1062	150	IAML		0445	12.43			32	0.6				

December 22 2023 Hour: 19: 9 35.9 Lat: 37.18N Lon: 71.49E D:175.5 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	578	144	EP		1910	49.65	-0.29							1.0
UDMP	HN	578	144	ES		1911	44.92	0.21							1.0
UDMP	HN	578	144	IAML		1911	46.36			1058	0.3				
UDMP	HE	578	144	IAML		1911	46.52			2100	0.4				
ALCI	BN	611	121	EP		1910	52.77	-1.31							1.0
ALCI	BN	611	121	ES		1911	52.37	0.45							1.0
ALCI	BE	611	121	IAML		1911	53.96			789	0.5				
ALCI	BN	611	121	IAML		1911	54.25			968	0.3				
THN	BZ	657	142	EP		1911	00.12	1.06							1.0
THN	BN	657	142	ES		1912	01.27	0.68							1.0
THN	BN	657	142	IAML		1912	03.18			136	0.3				
DHRM	HZ	702	140	EP		1911	04.83	0.37							1.0
DHRM	HN	702	140	ES		1912	09.39	-0.60							1.0
DHRM	HE	702	140	IAML		1912	12.35			244	0.6				
DHRM	HN	702	140	IAML		1912	13.59			200	0.3				
SDNR	BN	800	140	EP		1911	15.66	0.00							1.0
SDNR	BN	800	140	ES		1912	29.14	-0.33							1.0
SDNR	BN	800	140	IAML		1912	33.41			39	0.2				
SDNR	BE	800	140	IAML		1912	33.91			32	0.3				
SMLA	HN	851	140	EP		1911	21.87	0.18							1.0
SMLA	HN	851	140	ES		1912	38.67	-1.29							1.0
SMLA	HN	851	140	IAML		1912	44.39			781	0.2				
SMLA	HE	851	140	IAML		1912	44.50			1142	0.2				
UTK	BN	961	136	ES		1913	01.90	-0.25							1.0
JOSI	BN	1046	132	ES		1913	20.78	1.12							1.0

December 22 2023 Hour: 21:44 43.4 Lat: 36.20N Lon: 70.68E D: 80.0F Ag: NCS Local
Magnitudes: 3.9ML NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THN	BN	629	130	EP		2146	01.52	-0.53							1.0
THN	BN	629	130	ES		2147	00.04	-0.24							1.0
THN	BN	629	130	IAML		2147	02.52			379	0.3				
DHRM	HZ	678	129	EP		2146	07.65	-0.36							1.0
DHRM	HN	678	129	ES		2147	10.81	0.16							1.0
DHRM	HE	678	129	IAML		2147	13.83			473	0.3				
DHRM	HN	678	129	IAML		2147	14.99			559	0.2				
SDNR	BN	774	130	EP		2146	18.86	-0.27							1.0
SDNR	BN	774	130	ES		2147	30.16	0.15							1.0
SDNR	BN	774	130	IAML		2147	32.06			116	0.3				
SDNR	BE	774	130	IAML		2147	33.15			104	0.2				
SMLA	HZ	823	131	EP		2146	25.77	0.74							1.0
SMLA	HE	823	131	ES		2147	40.19	-0.08							1.0
SMLA	HE	823	131	IAML		2147	44.23			173	0.3				
SMLA	HN	823	131	IAML		2147	45.11			149	0.2				
UTK	BZ	942	128	EP		2146	39.49	0.56							1.0
MUKT	HZ	1123	129	EP		2147	00.34	-0.04							1.0
PTH	BZ	1153	127	EP		2147	03.64	-0.12							1.0

December 22 2023 Hour: 21:57 27.6 Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KOHI	SZ	119	81	EP		2157	47.83	-0.11							1.0
KOHI	SN	119	81	ES		2158	03.57	0.77							1.0
MOKO	SZ	180	61	EP		2157	54.94	-1.01							1.0
MOKO	SZ	180	61	ES		2158	16.39	-0.26							1.0
AZL	SZ	202	187	EP		2158	00.38	2.14							1.0
CMPI	HZ	231	171	EP		2157	59.73	-2.18							1.0
CMPI	HN	231	171	ES		2158	27.00	0.03							1.0
PASG	SZ	366	40	EP		2158	18.84	0.62							1.0

December 23 2023 Hour: 3:25 47.0 Lat: 37.36N Lon: 76.30E D: 10.0F 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
ALCI	BN	358	167	EP		0326	37.63	1.47							1.0
ALCI	BE	358	167	ES		0327	13.00	0.45							1.0
ALCI	BN	358	167	IAML		0327	19.59			285	0.3				
ALCI	BE	358	167	IAML		0327	21.08			469	0.0				
UDMP	HE	504	193	ES		0327	43.76	0.42							1.0
HNLV	BZ	563	154	EP		0327	01.98	0.57							1.0
DHRM	HZ	567	180	EP		0327	01.43	-0.13							1.0
DHRM	HE	567	180	ES		0327	56.88	0.15							1.0
DHRM	HE	567	180	IAML		0328	02.91			106	0.5				
DHRM	HN	567	180	IAML		0328	03.68			1130	0.2				
SMLA	HZ	695	173	EP		0327	15.66	-1.52							1.0
SMLA	HN	695	173	ES		0328	23.39	-0.53							1.0
SMLA	HN	695	173	IAML		0328	29.06			58	0.1				
SMLA	HE	695	173	IAML		0328	29.64			51	0.2				
UTK	BN	761	164	EP		0327	24.44	-0.37							1.0
UTK	BE	761	164	ES		0328	36.68	-0.51							1.0
UTK	BN	761	164	IAML		0328	44.26			77	0.4				

December 23 2023 Hour: 13:55 30.7 Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UTK	BZ	170	303	EP		1355	54.99	-0.00							1.0
TURA	SZ			EP		1355	42.33								
TEZP	SZ			EP		1356	14.53								
KOHI	SZ			EP		1356	37.23								
GTK	SN			ES		1356	15.53								
MOKO	SZ			EP		1356	33.53								
CMPI	HZ			EP		1356	33.41								
AZL	SZ			EP		1356	16.10								
ZIRO	SN			EP		1356	35.05								
TAWA	SN			EP		1356	07.44								

December 23 2023 Hour: 20: 0 14.4 Lat: 29.43N Lon: 82.00E D: 5.0F Ag: NCS Local
Magnitudes: 2.7ML NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PTH	BZ	175	276	EP		2000	41.07	-0.22							1.0
PTH	BE	175	276	ES		2001	00.73	-0.45							1.0
PTH	BN	175	276	IAML		2001	02.41			162	0.2				
PTH	BE	175	276	IAML		2001	03.33			179	0.3				
LGTI	BN	186	269	EP		2000	42.89	0.24							1.0
LGTI	BE	186	269	ES		2001	03.18	-0.36							1.0
LGTI	BE	186	269	IAML		2001	04.14			64	0.2				
LGTI	BN	186	269	IAML		2001	04.85			60	0.1				
MUKT	HZ	228	271	EP		2000	48.81	0.91							1.0
MUKT	HN	228	271	ES		2001	12.84	0.17							1.0
MUKT	HN	228	271	IAML		2001	14.10			100	0.2				
MUKT	HE	228	271	IAML		2001	15.33			107	0.3				
JOSI	BZ	267	298	EP		2000	52.27	-0.42							1.0
JOSI	BN	267	298	ES		2001	21.19	0.19							1.0
JOSI	BE	267	298	IAML		2001	28.88			24	0.1				
JOSI	BN	267	298	IAML		2001	29.23			41	0.3				
UTK	BZ	372	294	EP		2001	05.14	-0.52							1.0
UTK	BN	372	294	ES		2001	44.03	0.46							1.0
UTK	BN	372	294	IAML		2001	56.49			339	0.6				
UTK	BE	372	294	IAML		2001	56.58			480	0.3				

December 23 2023 Hour: 22:20 58.5 Lat: 24.42N Lon: 95.07E D: 15.0 Ag: NCS Local
Magnitudes: 3.0ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KOHI	SZ	174	326	EP	9	2221	27.95	3.76							0.0
KOHI	SN	174	326	ES		2221	46.27	-0.69							1.0
KOHI	SN	174	326	IAML		2221	55.26			1216	0.5				
KOHI	SE	174	326	IAML		2221	56.97			55	0.6				
CMPI	HZ	207	241	EP		2221	28.70	0.42							1.0
CMPI	HE	207	241	ES		2221	50.77	0.45							1.0
CMPI	HE	207	241	IAML		2221	56.82			220	0.3				
CMPI	HN	207	241	IAML		2221	57.30			166	0.5				
MOKO	SZ	218	345	EP		2221	30.62	0.96							1.0
AZL	SZ	254	253	EP		2221	32.72	-1.37							1.0
TEZP	SZ	334	317	EP		2221	44.29	0.33							1.0
TEZP	SE	334	317	ES		2222	17.56	-0.03							1.0
TEZP	SN	334	317	IAML		2222	19.09			131	0.2				
TEZP	SE	334	317	IAML		2222	20.01			146	0.1				
PASG	SZ	404	4	EP		2221	51.92	-0.76							1.0

December 23 2023 Hour: 23:4 54.4 Lat: 37.32N Lon: 71.55E D: 51.6 Ag: NCS Local
Magnitudes: 3.7ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	587	145	EP		2306	09.60	0.54							1.0
UDMP	HE	587	145	ES		2307	04.57	0.27							1.0
UDMP	HN	587	145	IAML		2307	07.17			469	0.2				
ALCI	BZ	615	122	EP		2306	11.14	-1.44							1.0
ALCI	BN	615	122	ES		2307	11.30	0.88							1.0
ALCI	BE	615	122	IAML		2307	13.58			164	0.1				
ALCI	BN	615	122	IAML		2307	14.62			163	0.4				
THN	BZ	666	143	EP		2306	18.81	0.47							1.0
THN	BN	666	143	ES		2307	19.59	-0.85							1.0
THN	BN	666	143	IAML		2307	23.70			326	0.1				
DHRM	HZ	711	141	EP		2306	24.33	0.56							1.0
DHRM	HN	711	141	ES		2307	30.22	0.33							1.0
DHRM	HE	711	141	IAML		2307	35.37			474	0.9				
DHRM	HN	711	141	IAML		2307	35.62			451	0.3				
SDNR	BZ	809	141	EP		2306	35.16	0.02							1.0
SDNR	BN	809	141	ES		2307	49.40	-0.27							1.0
SDNR	BN	809	141	IAML		2307	51.65			101	0.3				
SDNR	BE	809	141	IAML		2307	54.72			141	0.5				
SMLA	HZ	860	141	EP		2306	41.09	-0.15							1.0
SMLA	HN	860	141	ES		2307	59.93	-0.36							1.0
SMLA	HE	860	141	IAML		2308	02.54			29	0.4				
SMLA	HN	860	141	IAML		2308	02.71			16	1.0				

December 24 2023 Hour: 0:22 15.8 Lat: 25.04N Lon: 93.72E D: 27.1 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
KOHI	SN	85	27	EP		0022	28.79	-0.70							1.0
KOHI	SN	85	27	ES		0022	40.79	1.20							1.0
KOHI	SE	85	27	IAML		0022	41.05			170	0.3				
KOHI	SN	85	27	IAML		0022	42.31			290	0.3				
MOKO	SZ	163	29	EP		0022	39.39	0.21							1.0
CMPI	HZ	176	194	EP		0022	41.45	0.60							1.0
AZL	SZ	178	216	EP		0022	40.86	-0.19							1.0
JORH	HZ	196	16	EP		0022	43.19	0.01							1.0
SHL	HZ	197	288	EP		0022	43.42	-0.03							1.0
SHL	HE	197	288	ES		0023	04.43	0.55							1.0
SHL	HE	197	288	IAML		0023	06.83			945	0.2				
ITAN	SZ	233	360	EP		0022	45.91	-1.90							1.0

ITAN	SN	233	360	ES	0023	11.73	0.26										1.0
ITAN	SE	233	360	IAML	0023	19.10				162	0.2						
ITAN	SN	233	360	IAML	0023	19.46				193	0.3						

December 24 2023 Hour: 4:25 9.8 Lat: 21.77N Lon: 94.28E D: 75.0F Ag: NCS Local
Magnitudes: 3.6ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMPI	HZ	216	333	EP		0425	40.83	0.98							1.0
CMPI	HE	216	333	ES		0426	03.88	1.79							1.0
CMPI	HE	216	333	IAML		0426	06.91			1259	0.2				
AZL	SZ	273	323	EP		0425	47.26	0.68							1.0
AZL	SZ	273	323	ES		0426	14.43	0.64							1.0
KOHI	SZ	438	358	EP		0426	06.16	-0.12							1.0
KOHI	SN	438	358	ES		0426	48.48	0.41							1.0
KOHI	SN	438	358	IAML		0426	50.61			417	0.3				
KOHI	SE	438	358	IAML		0426	53.33			330	0.6				
SHL	HZ	488	330	EP		0426	11.89	-0.30							1.0
SHL	HE	488	330	ES		0426	57.60	-0.75							1.0
SHL	HE	488	330	IAML		0427	00.76			126	0.3				
MOKO	SZ	505	3	EP		0426	14.11	-0.02							1.0
GUWA	SN	557	332	ES		0427	10.31	-1.75							1.0
TEZP	SN	558	345	EP		0426	19.08	-1.16							1.0
TURA	SN	586	316	ES		0427	17.81	-0.40							1.0

December 24 2023 Hour: 7:12 54.9 Lat: 26.13N Lon: 90.18E 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
TURA	SZ	68	177	EP		0713	05.57	-0.45							1.0
TURA	SN	68	177	ES		0713	14.95	0.71							1.0
TURA	SN	68	177	IAML		0713	15.23			1530	0.3				
TURA	SE	68	177	IAML		0713	15.55			23026	0.2				
GUWA	SN	151	87	ES		0713	34.03	-1.16							1.0
GUWA	SN	151	87	IAML		0713	34.47			136	0.3				
GUWA	SE	151	87	IAML		0713	34.85			104	0.3				
GTK	SN	205	310	ES		0713	46.90	-0.33							1.0
GTK	SN	205	310	IAML		0713	48.76			120	0.2				
GTK	SE	205	310	IAML		0713	48.76			143	0.2				
TAWA	SN	233	45	ES		0713	54.20	1.23							1.0

December 24 2023 Hour: 11:51 41.7 Lat: 38.47N Lon: 75.30E D:159.2 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
ALCI	BZ	502	160	EP		1152	46.92	0.04							1.0
ALCI	BE	502	160	ES		1153	35.62	0.52							1.0
ALCI	BN	502	160	IAML		1153	39.28			2655	0.3				
ALCI	BE	502	160	IAML		1153	41.00			2963	0.2				
UDMP	HZ	617	182	EP		1153	00.21	0.33							1.0
UDMP	HE	617	182	ES		1153	58.08	0.36							1.0
UDMP	HN	617	182	IAML		1154	02.74			7520	0.2				
THN	BZ	671	176	EP		1153	06.46	0.37							1.0
THN	BN	671	176	ES		1154	08.81	0.28							1.0
THN	BN	671	176	IAML		1154	12.98			1667	0.2				
DHRM	HZ	696	172	EP		1153	08.95	-0.30							1.0
DHRM	HE	696	172	ES		1154	13.77	-0.25							1.0
DHRM	HE	696	172	IAML		1154	16.66			476	0.2				
DHRM	HN	696	172	IAML		1154	19.32			668	0.2				
AMRT	HZ	758	183	EP		1153	16.86	0.64							1.0
SDNR	BZ	784	169	EP		1153	18.65	-0.64							1.0
SDNR	BN	784	169	ES		1154	29.93	-1.55							1.0
SDNR	BN	784	169	IAML		1154	35.04			74	0.6				
SDNR	BE	784	169	IAML		1154	37.00			82	0.3				

SMLA	HZ	832	168	EP	1153	24.46	-0.62									1.0
SMLA	HE	832	168	ES	1154	39.72	-1.85									1.0
SMLA	HE	832	168	IAML	1154	44.92			168	0.3						
SMLA	HN	832	168	IAML	1154	45.79			215	0.3						
UTK	BZ	906	161	EP	1153	33.93	0.39									1.0
UTK	BN	906	161	ES	1154	56.22	-0.07									1.0
UTK	BN	906	161	IAML	1155	04.03			7072							
PTH	BZ	1084	154	EP	1153	54.54	0.07									1.0
PTH	BN	1084	154	ES	1155	33.57	0.87									1.0
PTH	BN	1084	154	IAML	1155	40.05			27	0.2						
PTH	BE	1084	154	IAML	1155	40.11			35	0.4						
NDI	HE	1100	170	ES	1155	35.34	-0.29									1.0
NPL	BZ	1104	170	EP	1153	56.22	-0.46									1.0
NPL	BE	1104	170	ES	1155	38.72	2.16									1.0
NPL	BE	1104	170	IAML	1155	42.22			118	0.3						
NPL	BN	1104	170	IAML	1155	42.55			155	0.3						

December 24 2023 Hour: 13:28 3.9 Lat: 37.51N Lon: 71.42E D: 42.1 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
UDMP	HZ	612	145	EP		1329	19.97	-1.74							1.0
UDMP	HE	612	145	ES		1330	20.27	0.99							1.0
ALCI	BZ	636	123	EP		1329	24.90	-0.02							1.0
ALCI	BE	636	123	ES		1330	24.87	-0.01							1.0
ALCI	BE	636	123	IAML		1330	25.89			347	0.2				
ALCI	BN	636	123	IAML		1330	28.99			308	0.3				
DHRM	HZ	735	141	EP		1329	37.65	1.22							1.0
DHRM	HN	735	141	ES		1330	45.38	0.48							1.0
DHRM	HN	735	141	IAML		1330	48.18			95	0.3				
DHRM	HE	735	141	IAML		1330	48.71			85	0.3				
SDNR	BZ	833	141	EP		1329	48.32	0.52							1.0
SDNR	BE	833	141	ES		1331	04.07	-0.61							1.0
SDNR	BE	833	141	IAML		1331	07.56			358	0.5				
SDNR	BN	833	141	IAML		1331	09.52			302	0.2				
SMLA	HZ	884	142	EP		1329	53.94	0.03							1.0
SMLA	HE	884	142	ES		1331	14.46	-0.86							1.0
SMLA	HE	884	142	IAML		1331	18.44			709	0.4				
SMLA	HN	884	142	IAML		1331	19.02			44	0.4				

December 24 2023 Hour: 19:27 20.3 Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PASG	SZ			EP		1929	41.84								
TURA	SZ			EP		1928	57.16								
CMPI	HZ			EP		1929	59.06								
TAWA	SN			EP		1929	10.27								
MOKO	SZ			EP		1929	41.34								
KOHI	SZ			EP		1929	42.40								
AZL	SZ			EP		1929	44.72								

December 24 2023 Hour: 22:32 58.3 Lat: 26.09N Lon: 95.53E D: 10.0F Ag: NCS Local
Magnitudes: 2.9ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MOKO	SZ	104	284	EP	9	2233	18.72	3.77							0.0
ZIRO	SE	230	314	EP		2233	32.07	0.73							1.0
ZIRO	SE	230	314	ES		2233	56.07	0.29							1.0
ZIRO	SE	230	314	IAML		2233	58.30			121	0.5				
ZIRO	SN	230	314	IAML		2233	58.65			120	0.3				
HAUL	HZ	241	24	EP		2233	34.01	1.24							1.0
HAUL	HE	241	24	ES		2233	56.89	-1.38							1.0
HAUL	HN	241	24	IAML		2233	58.73			130	0.2				
HAUL	HE	241	24	IAML		2233	59.13			127	0.1				
TEZP	SZ	279	283	EP		2233	37.19	-0.14							1.0

TEZP	SN	279	283	ES	2234	05.78-0.42										1.0
TEZP	SN	279	283	IAML	2234	07.91		99	0.1							
TEZP	SE	279	283	IAML	2234	08.17		112	0.2							
CMPI	HN	365	218	EP	2233	48.67 0.47										1.0
CMPI	HN	365	218	ES	2234	24.82-0.31										1.0
CMPI	HE	365	218	IAML	2234	30.03		91	0.5							
CMPI	HN	365	218	IAML	2234	31.44		89	0.5							
AZL	SZ	388	228	EP	2233	50.42-0.55										1.0
TAWA	SN	400	295	EP	2233	52.69 0.25										1.0
TAWA	SE	400	295	ES	2234	32.33-0.17										1.0
TAWA	SE	400	295	IAML	2234	35.30		75	0.3							
TAWA	SN	400	295	IAML	2234	35.69		101	0.1							

December 25 2023 Hour: 19:40 27.7 Lat: 33.39N Lon: 76.62E D: 5.0F Ag: NCS Local
Magnitudes: 3.7ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	105	30	EP		1940	44.16-0.56								1.0
ALCI	BE	105	30	ES		1940	57.82 0.51								1.0
ALCI	BN	105	30	IAML		1941	01.30			728	0.4				
DHRM	HZ	130	193	EP	9	1940	48.58-0.04								0.0
THN	BN	130	216	ES		1941	05.95 2.04								1.0
DHRM	HE	130	193	IAML		1941	02.62			7948	0.4				
THN	BZ	130	216	EP		1940	47.12-1.40								1.0
DHRM	HN	130	193	ES		1940	59.75-4.29								1.0
UDMP	HZ	149	250	EP		1940	51.53 0.28								1.0
UDMP	HE	149	250	ES		1941	09.20 0.53								1.0
SRIN	BZ	183	294	EP		1940	54.69-0.91								1.0
SDNR	BZ	208	172	EP		1940	57.51-1.09								1.0
SDNR	BE	208	172	ES		1941	21.83 0.37								1.0
SDNR	BE	208	172	IAML		1941	25.62			4035	0.2				
BHK	BZ	224	172	EP		1941	00.62 0.17								1.0
BHK	BE	224	172	ES		1941	25.05 0.38								1.0
BHK	BN	224	172	IAML		1941	28.82			2759	0.6				
AMRT	HZ	252	220	EP		1941	01.79-2.15								1.0
AMRT	HE	252	220	ES		1941	31.81 1.07								1.0
AMRT	HE	252	220	IAML		1941	38.34			10545	0.6				
SMLA	HZ	256	168	EP		1941	04.64-0.07								1.0
SMLA	HN	256	168	ES		1941	32.19 0.10								1.0
UTK	BZ	342	149	EP		1941	15.89 0.66								1.0
UTK	BN	342	149	ES		1941	51.06 0.67								1.0
JOSI	BZ	420	138	EP		1941	25.18 0.21								1.0
JOSI	BN	420	138	ES		1942	07.04-0.29								1.0
JOSI	BN	420	138	IAML		1942	14.47			54	0.6				
MUKT	HN	523	146	EP		1941	36.95-0.59								1.0
MUKT	HN	523	146	ES		1942	29.29 0.08								1.0
MUKT	HN	523	146	IAML		1942	34.22			49	0.5				

December 25 2023 Hour: 22:43 34.9 Lat: 27.25N Lon: 91.92E D: 5.0F Ag: NCS Local
Magnitudes: 2.8ML NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TAWA	SN	38	353	EP		2243	40.33-0.75								1.0
TEZP	SZ	112	128	EP	9	2243	50.54-2.40								0.0
TEZP	SE	112	128	ES		2244	02.56-1.36								1.0
TEZP	SE	112	128	IAML		2244	03.54			1394	0.2				
ITAN	SZ	179	93	EP		2244	02.45 0.35								1.0
SHL	HZ	187	182	EP		2244	03.03-0.12								1.0
SHL	HE	187	182	ES		2244	24.52 0.43								1.0
SHL	HE	187	182	IAML		2244	25.26			42	0.1				
ZIRO	SN	194	81	EP		2244	04.65 0.78								1.0
ZIRO	SE	194	81	ES		2244	25.79 0.45								1.0
ZIRO	SE	194	81	IAML		2244	31.38			117	0.3				
JORH	HZ	239	103	EP		2244	09.09-0.34								1.0

JORH	HN	239	103	ES	2244	34.45-0.57	1.0
TURA	SN	256	222	ES	2244	38.56-0.23	1.0

December 25 2023 Hour: 23: 3 57.8 Lat: 34.76N Lon: 77.03E D: 5.0F 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
ALCI	BZ	62	167	EP		2304	05.21-2.65								1.0
ALCI	BE	62	167	ES		2304	13.63-1.70								1.0
ALCI	BE	62	167	IAML		2304	14.14		88206	0.3					
ALCI	BN	62	167	IAML		2304	14.25		5862	0.2					
UDMP	HZ	270	221	EP		2304	34.36-1.98								1.0
UDMP	HE	270	221	ES		2305	05.85 0.95								1.0
UDMP	HE	270	221	IAML		2305	08.31		28623	0.8					
UDMP	HN	270	221	IAML		2305	13.13		20299	0.5					
THN	BZ	281	204	EP		2304	37.95 0.27								1.0
THN	BN	281	204	ES		2305	07.76 0.53								1.0
THN	BN	281	204	IAML		2305	14.26		1468	0.6					
DHRM	HZ	287	194	EP		2304	38.10-0.39								1.0
DHRM	HE	287	194	ES		2305	08.08-0.55								1.0
DHRM	HE	287	194	IAML		2305	21.46		2711	0.8					
DHRM	HN	287	194	IAML		2305	21.80		3982	0.6					
SDNR	BZ	358	182	EP		2304	48.03 0.75								1.0
SDNR	BE	358	182	ES		2305	24.68 0.75								1.0
SDNR	BN	358	182	IAML		2305	36.68		540	1.3					
SDNR	BE	358	182	IAML		2305	42.33		654	0.7					
BHK	BZ	373	181	EP		2304	48.91-0.17								1.0
BHK	BE	373	181	IAML		2305	42.40		1723	1.1					
BHK	BN	373	181	IAML		2305	43.62		2611	0.9					
AMRT	HZ	398	210	EP		2304	52.47 0.32								1.0
AMRT	HE	398	210	ES		2305	32.90 0.50								1.0
AMRT	HN	398	210	IAML		2305	43.20		1663	1.3					
AMRT	HE	398	210	IAML		2305	44.27		2532	0.9					
SMLA	HZ	403	178	EP		2304	53.27 0.32								1.0
SMLA	HN	403	178	ES		2305	34.12 0.32								1.0
SMLA	HE	403	178	IAML		2305	49.92		1826	0.1					
SMLA	HN	403	178	IAML		2305	53.42		1224	1.4					
UTK	BZ	466	163	EP		2305	01.01 0.44								1.0
UTK	BN	466	163	ES		2305	47.38 0.34								1.0
SRGN	BZ	613	210	EP		2305	17.95-0.28								1.0
MUKT	HZ	638	156	EP		2305	22.56 1.08								1.0
MUKT	HE	638	156	ES		2306	23.83 0.39								1.0
MUKT	HE	638	156	IAML		2306	33.59		178	0.5					
MUKT	HN	638	156	IAML		2307	05.94		155	0.3					
TKRD	BZ	641	164	EP		2305	22.31 0.63								1.0
PTH	BZ	647	152	EP		2305	22.73 0.20								1.0
LGTI	BZ	661	153	EP		2305	24.38 0.12								1.0
LGTI	BN	661	153	ES		2306	29.30 1.02								1.0
NDI	HZ	674	179	EP		2305	25.14-0.50								1.0
NDI	HE	674	179	ES		2306	31.08 0.40								1.0
NPL	BZ	679	179	EP		2305	26.43 0.16								1.0
NPL	BE	679	179	ES		2306	31.76-0.00								1.0
NPL	BN	679	179	IAML		2306	37.12		234	0.3					
NPL	BE	679	179	IAML		2306	39.71		306	0.5					
UJWA	BZ	686	181	EP		2305	26.48-0.68								1.0
UJWA	BE	686	181	ES		2306	32.80-0.52								1.0
UJWA	BE	686	181	IAML		2306	38.56		4783	0.5					
UJWA	BN	686	181	IAML		2306	40.37		5969	0.5					
JMIU	BZ	687	178	EP		2305	27.34 0.12								1.0
AYAN	BZ	696	179	EP		2305	28.77 0.42								1.0
PWAL	BZ	733	178	EP		2305	32.72-0.05								1.0
KUDL	HZ	736	184	EP		2305	32.61-0.43								1.0
JODH	HZ	1017	203	EP		2306	05.62-0.48								1.0
JODH	HE	1017	203	ES		2307	41.45 0.38								1.0

JODH	HE	1017	203	IAML	2307	46.36			762	0.4
JODH	HN	1017	203	IAML	2307	48.74			676	0.3

December 26 2023 Hour: 3:11 11.2 Lat: 34.77N Lon: 76.50E D: 15.0 Ag: NCS Local
Magnitudes: 3.6ML NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BN	88	134	EP	9	0311	27.98	2.60							0.0
ALCI	BN	88	134	ES		0311	35.44	-3.03							1.0
ALCI	BE	88	134	IAML		0311	37.73			2782	0.2				
ALCI	BN	88	134	IAML		0311	37.81			2893	0.4				
SRIN	BZ	175	243	EP		0311	37.09	0.02							1.0
UDMP	HZ	242	212	EP		0311	45.33	0.07							1.0
THN	BZ	266	194	EP		0311	47.89	-0.36							1.0
DHRM	HZ	280	184	EP		0311	51.06	0.92							1.0
DHRM	HE	280	184	ES		0312	19.25	0.30							1.0
DHRM	HN	280	184	IAML		0312	42.36			584	0.7				
DHRM	HE	280	184	IAML		0312	46.45			680	0.5				
HNLY	BZ	318	133	EP		0311	55.02	-0.09							1.0
SDNR	BZ	361	174	EP		0311	59.46	-0.63							1.0
SMLA	HZ	408	171	EP		0312	05.87	-0.24							1.0

December 26 2023 Hour: 8:9 22.2 Lat: 25.95N Lon: 95.24E D: 16.2 Ag: NCS Local
Magnitudes: 2.7ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MOKO	SZ	84	300	EP		0809	35.59	-0.06							1.0
JORH	HN	132	312	ES		0809	58.24	0.71							1.0
ITAN	SE	201	311	ES		0810	11.13	-1.30							1.0
ITAN	SE	201	311	IAML		0810	13.75			189	0.6				
ITAN	SN	201	311	IAML		0810	14.27			94	0.3				
PASG	SZ	234	2	EP		0809	55.77	0.60							1.0
TEZP	SE	255	287	ES		0810	24.56	0.51							1.0
TEZP	SE	255	287	IAML		0810	25.90			74	0.1				
TEZP	SN	255	287	IAML		0810	27.56			99	0.2				
HAUL	HZ	268	28	EP		0809	59.16	-0.30							1.0
HAUL	HN	268	28	IAML		0810	01.84			103	0.1				
AZL	SZ	356	227	EP		0810	10.18	-0.16							1.0

December 26 2023 Hour: 9:20 44.0 Lat: 24.23N Lon: 82.67E D: 5.0F 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
ALBI	BZ	148	324	EP		0921	09.76	0.44							1.0
ALBI	BN	148	324	ES		0921	27.74	-0.09							1.0
ALBI	BN	148	324	IAML		0921	31.73			126	0.5				
BLSP	BZ	242	192	EP		0921	22.15	0.92							1.0
BLSP	BE	242	192	ES		0921	48.11	-0.32							1.0
BLSP	BN	242	192	IAML		0921	53.61			93	0.3				
JBPL	HN	301	248	ES		0922	01.31	0.48							1.0
JBPL	HN	301	248	IAML		0922	06.89			1362	0.6				
RAIP	HE	350	197	ES		0922	10.96	-0.46							1.0
BHPL	HZ	546	259	EP		0921	57.61	-0.76							1.0
RAGD	BZ	558	171	EP		0921	58.55	-1.23							1.0
RAGD	BE	558	171	ES		0922	56.13	1.01							1.0
RAGD	BE	558	171	IAML		0923	01.73			144	0.4				

December 26 2023 Hour: 11:45 28.7 Lat: 30.49N Lon: 79.65E D: 6.7 Ag: NCS Local
Magnitudes: 2.0ML NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JOSI	BZ	11	308	EP		1145	30.53	-0.62							1.0
JOSI	BN	11	308	ES		1145	33.34	0.36							1.0
JOSI	BN	11	308	IAML		1145	34.62			107	0.1				

PTH	BZ	114	152	EP	1145	48.83	-0.20									1.0
PTH	BN	114	152	ES	1146	03.86	-0.04									1.0
PTH	BN	114	152	IAML	1146	06.39				15	0.2					
MUKT	HZ	115	180	EP	1145	49.34	0.44									1.0
MUKT	HN	115	180	ES	1146	03.36	-0.33									1.0
MUKT	HN	115	180	IAML	1146	04.85				102	0.2					
LGTI	BZ	128	161	EP	1145	52.07	0.38									1.0

December 26 2023 Hour: 15:32 15.7 Lat: 17.16N Lon: 73.91E D: 5.0F Ag: NCS Local
Magnitudes: 2.5ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KAD	BN	33	60	EP		1532	19.94	-1.23							1.0
KAD	BE	33	60	ES		1532	25.73	0.52							1.0
KAD	BE	33	60	IAML		1532	25.94			628	0.2				
KAD	BN	33	60	IAML		1532	26.04			594	0.2				
SUPA	HZ	220	162	EP		1532	47.75	-0.24							1.0
SUPA	HE	220	162	ES		1533	12.40	0.52							1.0
SUPA	HE	220	162	IAML		1533	14.82			85	0.2				
SUPA	HN	220	162	IAML		1533	16.08			77	0.2				
SLPR	HN	221	75	ES		1533	12.49	0.35							1.0
BOM	BN	225	329	EP		1532	47.73	-0.88							1.0
BOM	BE	225	329	ES		1533	13.92	0.97							1.0
BOM	BN	225	329	IAML		1533	14.12			43	0.3				

December 26 2023 Hour: 19:17 18.0 Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MUKT	HZ			EP		1917	39.84								
LGTI	BZ			EP		1917	37.45								
JOSI	BZ			EP		1917	35.97								
SMLA	HZ			EP		1917	45.76								
NDI	HZ			EP		1917	56.45								
NPL	BZ			EP		1917	57.10								
AYAN	BZ			EP		1917	57.51								
DHRM	HZ			EP		1917	47.23								
SDNR	BZ			EP		1917	46.34								
PTH	BZ			EP		1917	33.60								
UDMP	HZ			EP		1917	52.05								
UTK	BZ			EP		1917	41.43								
THN	BZ			EP		1917	49.92								
KUDL	HZ			EP		1918	02.09								
ALCI	BZ			EP		1917	36.52								

December 26 2023 Hour: 20:11 14.5 Lat: 31.67N Lon: 78.75E D: 5.0F Ag: NCS Local
Magnitudes: 2.7ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UTK	BZ	109	195	EP		2011	32.39	0.31							1.0
UTK	BN	109	195	ES		2011	46.06	1.00							1.0
UTK	BN	109	195	IAML		2011	50.73			341	0.2				
JOSI	BZ	146	148	EP		2011	38.56	0.72							1.0
SMLA	HZ	162	248	EP		2011	39.46	-0.35							1.0
SMLA	HE	162	248	ES		2011	58.09	-0.42							1.0
SMLA	HE	162	248	IAML		2012	01.97			66	0.5				
BHK	BZ	174	260	EP		2011	41.20	0.03							1.0
SDNR	BZ	175	265	EP		2011	39.36	-1.99							1.0
SDNR	BN	175	265	ES		2012	00.02	-1.17							1.0
SDNR	BE	175	265	IAML		2012	03.03			58	0.5				
DHRM	HZ	239	286	EP		2011	49.61	0.23							1.0
DHRM	HE	239	286	ES		2012	16.69	1.52							1.0
DHRM	HE	239	286	IAML		2012	17.87			121	0.4				
MUKT	HZ	261	160	EP		2011	51.76	-0.33							1.0
PTH	BZ	271	149	EP		2011	52.40	-0.84							1.0
THN	BZ	290	288	EP		2011	56.31	0.70							1.0

THN	BN	290	288	ES		2012	26.35	0.34									1.0
THN	BN	290	288	IAML		2012	36.98			238	0.6						
ALCI	BZ	317	333	EP		2011	59.44	0.25									1.0

December 27 2023 Hour: 0:25 37.3 Lat: 26.66N Lon: 93.24E D: 19.2 Ag: NCS Local
Magnitudes: 3.6ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TEZP	SZ	44	265	EP		0025	44.72	-0.15							1.0
TEZP	SE	44	265	ES		0025	51.37	0.92							1.0
TEZP	SE	44	265	IAML		0025	51.55			6657	0.2				
ITAN	SZ	73	41	EP		0025	48.33	-0.74							1.0
ITAN	SN	73	41	ES		0025	58.19	0.42							1.0
ITAN	SN	73	41	IAML		0026	00.04			4943	0.2				
JORH	HZ	101	84	EP		0025	52.69	-0.67							1.0
JORH	HE	101	84	ES		0026	06.33	1.10							1.0
ZIRO	SN	114	32	EP		0025	53.68	-1.40							1.0
ZIRO	SN	114	32	ES		0026	07.65	-0.58							1.0
ZIRO	SE	114	32	IAML		0026	08.04			2883	0.4				
MOKO	SZ	133	106	EP		0025	56.96	-0.55							1.0
TAWA	SN	171	308	EP		0026	02.73	0.54							1.0
TAWA	SN	171	308	ES		0026	21.48	0.88							1.0
SHL	HZ	183	229	EP		0026	03.11	-0.73							1.0
PASG	SZ	259	52	EP		0026	15.02	1.96							1.0
TURA	SZ	327	248	EP		0026	19.81	-1.72							1.0
AZL	SZ	328	190	EP		0026	21.19	-0.51							1.0
CMPI	HN	350	179	EP		0026	24.98	0.45							1.0
CMPI	HE	350	179	ES		0027	00.43	0.96							1.0
CMPI	HN	350	179	IAML		0027	04.38			165	0.4				
HAUL	HZ	362	63	EP		0026	25.70	-0.17							1.0

December 27 2023 Hour: 5:51 23.8 Lat: 25.90N Lon: 90.83E D: 5.0F Ag: NCS Local
Magnitudes: 2.9ML NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TURA	SZ	75	235	EP		0551	35.98	0.09							1.0
TURA	SN	75	235	IAML		0551	45.91			1310	0.2				
TURA	SE	75	235	IAML		0551	46.57			1453	0.1				
GUWA	SN	92	69	EP		0551	38.39	-0.25							1.0
GUWA	SE	92	69	ES		0551	48.72	-0.87							1.0
GUWA	SN	92	69	IAML		0551	50.33			377	0.4				
GUWA	SE	92	69	IAML		0551	50.41			268	0.2				
TEZP	SZ	212	68	EP		0551	55.35	0.29							1.0
TEZP	SN	212	68	ES		0552	19.22	1.05							1.0
TEZP	SN	212	68	IAML		0552	28.90			172	0.6				
TEZP	SE	212	68	IAML		0552	29.00			136					
SHBG	BZ	330	258	EP		0552	09.46	-0.29							1.0
CMPI	HZ	366	136	EP		0552	14.36	-0.01							1.0

December 27 2023 Hour: 6:20 46.4 Lat: 24.76N Lon: 92.05E D: 15.0F 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
AZL	SZ	131	150	EP		0621	05.80	-0.95							1.0
GUWA	SN	162	347	EP		0621	11.18	0.62							1.0
GUWA	SE	162	347	ES		0621	27.33	-1.07							1.0
GUWA	SE	162	347	IAML		0621	31.16			292	0.3				
GUWA	SN	162	347	IAML		0621	31.22			315	0.6				
BELO	SZ	179	200	EP		0621	10.23	-2.38							1.0
BELO	SN	179	200	ES		0621	33.78	1.81							1.0
CMPI	HZ	190	137	EP		0621	14.30	0.13							1.0
IMP	SZ	192	88	EP		0621	15.46	1.17							1.0
TURA	SZ	202	295	EP		0621	15.44	-0.11							1.0
TURA	SE	202	295	ES		0621	37.58	0.50							1.0

TURA	SN	202	295	IAML	0621	42.49		541	0.2				
TURA	SE	202	295	IAML	0621	42.51		483	0.4				
TEZP	SZ	219	20	EP	0621	17.34	-0.22						1.0
TEZP	SE	219	20	ES	0621	40.92	0.34						1.0
TEZP	SE	219	20	IAML	0621	45.84		208	0.2				
TEZP	SN	219	20	IAML	0621	45.92		385	0.3				
MOKO	SZ	302	55	EP	0621	27.74	-0.28						1.0
ITAN	SZ	312	32	EP	0621	29.26	0.06						1.0
ITAN	SN	312	32	ES	0622	00.83	-0.00						1.0
ITAN	SN	312	32	IAML	0622	04.95		121	0.2				
ITAN	SE	312	32	IAML	0622	05.36		123	0.1				
TAWA	SN	314	357	EP	0621	29.51	0.09						1.0
TAWA	SE	314	357	ES	0622	01.51	0.29						1.0
TAWA	SE	314	357	IAML	0622	05.53		311	0.3				
TAWA	SN	314	357	IAML	0622	06.20		212	0.2				

December 27 2023 Hour: 9:0 6.6 Lat: 38.47N Lon: 74.01E D: 10.0F 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
ALCI	BZ	551	148	EP		0901	20.08	0.58							1.0
ALCI	BN	551	148	ES		0902	14.00	0.59							1.0
ALCI	BN	551	148	IAML		0902	17.66			2021	0.5				
ALCI	BE	551	148	IAML		0902	17.72			240	0.6				
UDMP	HZ	625	170	EP		0901	28.60	0.49							1.0
UDMP	HE	625	170	ES		0902	28.14	-0.24							1.0
JMU	BZ	635	173	EP		0901	30.66	1.28							1.0
JMU	BE	635	173	ES		0902	32.02	1.41							1.0
JMU	BN	635	173	IAML		0902	32.91			193	0.4				
JMU	BE	635	173	IAML		0902	38.73			311	0.6				
THN	BZ	688	166	EP		0901	35.88	0.06							1.0
THN	BN	688	166	ES		0902	41.42	-0.38							1.0
DHRM	HZ	721	162	EP		0901	40.08	0.23							1.0
DHRM	HN	721	162	IAML		0902	52.55			276	0.4				
DHRM	HE	721	162	IAML		0902	52.78			162	0.6				
SDNR	BZ	814	160	EP		0901	49.36	-1.27							1.0
SDNR	BN	814	160	ES		0903	06.47	-1.11							1.0
BHK	BZ	829	160	EP		0901	50.86	-1.51							1.0
BHK	BE	829	160	ES		0903	09.03	-1.57							1.0
BHK	BE	829	160	IAML		0903	13.19			993	0.3				
UTK	BZ	950	153	EP		0902	05.86	-0.79							1.0
UTK	BN	950	153	ES		0903	36.27	0.82							1.0
JOSI	BN	1014	148	ES		0903	49.37	0.52							1.0
MUKT	HZ	1127	151	EP		0902	27.51	-0.08							1.0
PTH	BZ	1139	148	EP		0902	29.95	1.03							1.0

December 27 2023 Hour: 19:55 47.9 Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UTK	BZ			EP		1957	51.85								
UTK	BE			ES		1959	38.97								
THN	BZ			ES		1959	08.70								
SDNR	BZ			ES		1959	22.41								
SDNR	BZ			EP		1958	06.98								
DHRM	HN			ES		1959	16.92								

December 28 2023 Hour: 4:9 6.9 Lat: 20.07N Lon: 72.98E D: 10.0F 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
PALG	HZ	8	244	EP		0409	08.46	-0.52							1.0
PALG	HE	8	244	ES		0409	09.90	-0.62							1.0
NASK	HZ	85	93	EP		0409	20.50	-0.13							1.0
NASK	HE	85	93	ES		0409	30.34	-0.46							1.0
BOM	BZ	131	188	EP		0409	27.05	-0.42							1.0

BOM	BN	131	188	ES	0409	42.35	-0.36									1.0
BOM	BN	131	188	IAML	0409	47.01			229	0.2						
BHV	BZ	206	335	EP	0409	37.45	0.58									1.0
BHV	BN	206	335	ES	0409	59.59	0.53									1.0
BHV	BN	206	335	IAML	0410	04.26			3108	0.0						
BHV	BE	206	335	IAML	0410	06.96			128	0.3						
KAD	BZ	331	157	EP	0409	53.70	1.26									1.0
KAD	BN	331	157	ES	0410	28.00	1.86									1.0
KAD	BE	331	157	IAML	0410	40.69			96	0.2						
SLPR	HZ	408	130	EP	0410	00.75	-1.26									1.0
LATR	BZ	415	116	EP	0410	02.43	-0.55									1.0
LATR	BN	415	116	ES	0410	45.12	0.64									1.0
LATR	BN	415	116	IAML	0411	05.45			71	0.5						
HING	HZ	433	95	EP	0410	04.67	-0.42									1.0
KLBG	HZ	508	126	EP	0410	14.64	0.51									1.0
KLBG	HN	508	126	ES	0411	03.24	-0.64									1.0
KLBG	HN	508	126	IAML	0411	27.62			94	0.2						
KLBG	HE	508	126	IAML	0411	28.29			129	0.3						
KLBG	HZ	508	126	E	0422	17.48										

December 28 2023 Hour: 7:58 7.9 Lat: 36.10N Lon: 69.46E D: 56.3 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
JMU	BZ	615	125	EP		0759	26.30	0.63							1.0
JMU	BE	615	125	ES		0800	23.85	0.63							1.0
JMU	BN	615	125	IAML		0800	26.88			303	0.3				
JMU	BE	615	125	IAML		0800	26.96			403	0.7				
UDMP	HZ	629	123	EP		0759	27.34	0.09							1.0
UDMP	HN	629	123	ES		0800	25.49	-0.48							1.0
THN	BZ	711	123	EP		0759	35.23	-1.70							1.0
ALCI	BZ	734	104	EP		0759	39.58	-0.32							1.0
ALCI	BN	734	104	ES		0800	48.29	0.31							1.0
ALCI	BE	734	104	IAML		0800	52.70			560	0.2				
ALCI	BN	734	104	IAML		0800	52.72			331	0.2				
DHRM	HZ	762	122	EP		0759	41.52	-1.54							1.0
DHRM	HE	762	122	ES		0800	53.22	-0.25							1.0
DHRM	HN	762	122	IAML		0800	56.06			368	0.3				
DHRM	HE	762	122	IAML		0800	56.27			363	0.6				
SDNR	BZ	855	124	EP		0759	56.19	2.29							1.0
SDNR	BE	855	124	ES		0801	12.77	0.43							1.0
SMLA	HZ	902	125	EP		0800	00.11	0.49							1.0
SMLA	HE	902	125	ES		0801	21.70	-0.60							1.0
SMLA	HN	902	125	IAML		0801	25.92			119	0.2				
SMLA	HE	902	125	IAML		0801	26.24			131	0.3				
HNLV	BZ	948	110	EP		0800	05.24	0.01							1.0

December 28 2023 Hour: 9:15 17.4 Lat: 44.15N Lon: 150.14E D:109.0 Ag: NCS Distant
Magnitudes: 6.5MW NCS Rms: 1.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MABH	HZ			EP		0924	29.12								
AURD	HZ			EP		0925	50.10								
ASIV	HZ			EP		0925	57.18								
HAUL	HZ	5044	268	EP		0923	25.17	0.18							1.0
HAUL	HN	5044	268	ES		0929	58.59	0.01							1.0
JORH	HZ	5313	268	EP		0923	44.25	0.44							1.0
MOKO	SZ	5319	267	EP		0923	45.90	1.41							1.0
ITAN	SZ	5329	269	EP		0923	45.55	0.60							1.0
TEZP	SZ	5437	269	EP		0923	51.18	-1.24							1.0
TAWA	SN	5448	271	EP		0923	55.89	2.70							1.0
IMP	SZ	5465	266	EP		0923	52.81	-1.66							1.0
GUWA	SN	5554	269	EP		0923	58.33	-2.08							1.0
SILR	SZ	5559	267	EP		0924	00.54	-0.25							1.0

SHL	HZ	5582	268	EP	0923	58.37-4.22	1.0
CMPI	HN	5607	265	ES	0931	11.53 1.05	1.0
AZL	SZ	5640	266	EP	0924	06.90 0.51	1.0
TURA	SZ	5716	270	EP	0924	11.48 0.03	1.0
COBR	BZ	5726	271	EP	0924	12.15 0.14	1.0
GTK	SN	5727	273	EP	0924	14.40 2.09	1.0
JPG	BZ	5770	272	EP	0924	15.47 0.51	1.0
BELO	SZ	5773	266	EP	0924	15.31 0.13	1.0
BELO	SN	5773	266	ES	0931	30.26-0.37	1.0
SHBG	BZ	5943	271	EP	0924	27.13 0.68	1.0
VLK	BZ	6092	276	EP	0924	36.29 0.06	1.0
VLK	BN	6092	276	ES	0932	09.40-0.16	1.0
HNLY	BZ	6142	284	EP	0924	39.30-0.77	1.0
HNLY	BE	6142	284	ES	0932	11.05-5.53	1.0
BOKR	HZ	6180	271	EP	0924	40.99-0.97	1.0
BOKR	HN	6180	271	ES	0932	19.17-1.02	1.0
ALCI	BZ	6192	286	EP	0924	43.49 0.44	1.0
ALCI	BN	6192	286	ES	0932	22.82 0.68	1.0
JOSI	BZ	6236	281	EP	0924	47.51 1.73	1.0
JOSI	BN	6236	281	ES	0932	27.89 0.64	1.0
KNTI	BZ	6243	271	EP	0924	46.49 0.43	1.0
PTH	BZ	6248	280	EP	0924	47.42 0.95	1.0
PTH	BN	6248	280	ES	0932	23.87-4.66	1.0
BRCH	BN	6269	277	ES	0932	34.69 4.04	1.0
LGTI	BZ	6270	280	EP	0924	48.56 0.69	1.0
MUKT	HZ	6299	280	EP	0924	50.24 0.38	1.0
MUKT	HN	6299	280	ES	0932	34.32-0.51	1.0
VAR	BZ	6311	274	EP	0924	50.07-0.26	1.0
VAR	BE	6311	274	ES	0932	37.78 2.03	1.0
TKRD	BZ	6379	281	EP	0924	56.47 1.86	1.0
LKN	BZ	6379	277	EP	0924	55.79 1.19	1.0
LKN	BN	6379	277	ES	0932	45.92 2.21	1.0
TKRD	BN	6379	281	ES	0932	46.18 2.46	1.0
SDNR	BZ	6381	284	EP	0924	54.48-0.34	1.0
SDNR	BN	6381	284	ES	0932	38.80-5.31	1.0
SRIN	BZ	6384	288	EP	0924	56.72 1.65	1.0
BHK	BZ	6387	284	EP	0924	57.97 2.85	1.0
DGPR	HZ	6393	256	EP	0924	57.29 1.73	0.0
THN	BZ	6409	286	EP	0924	55.15-1.34	1.0
THN	BN	6409	286	ES	0932	47.45 0.23	1.0
UDMP	HZ	6431	286	EP	0924	57.97 0.06	1.0
UDMP	HN	6431	286	ES	0932	49.28-0.59	1.0
CGRH	BN	6442	283	ES	0932	52.76 1.62	1.0
JMU	BZ	6462	286	EP	0924	57.88-1.92	1.0
MERT	BZ	6482	281	EP	0925	01.32 0.23	1.0
MERT	BN	6482	281	ES	0932	57.02 1.21	1.0
BNDA	BN	6509	276	EP	0925	02.79-0.01	1.0
AMRT	HZ	6529	285	EP	0925	05.00 1.04	1.0
BISR	BN	6532	281	ES	0933	01.97 0.34	1.0
NDI	HZ	6542	281	EP	0925	05.99 1.14	1.0
NDI	HN	6542	281	ES	0933	02.76-0.07	1.0
JMIU	BZ	6543	281	EP	0925	06.06 1.14	1.0
JMIU	BN	6543	281	ES	0933	04.22 1.26	1.0
LDR	HZ	6548	281	EP	0925	04.65-0.58	1.0
LDR	HN	6548	281	ES	0933	04.35 0.81	1.0
FBD	HZ	6552	281	EP	0925	06.34 0.90	1.0
FBD	HN	6552	281	ES	0933	05.21 1.27	1.0
AYAN	BZ	6562	281	EP	0925	06.72 0.63	1.0
AYAN	BN	6562	281	ES	0933	03.41-1.75	1.0
PWAL	BZ	6568	281	EP	0925	05.70-0.76	1.0
PWAL	BN	6568	281	ES	0933	04.41-1.42	1.0
BLSP	BZ	6594	272	EP	0925	07.52-0.64	1.0
PTDI	HZ	6599	281	EP	0925	07.77-0.65	1.0
KUDL	HZ	6635	281	EP	0925	07.81-2.81	1.0

JHNI	BZ	6647	277	EP	0925	10.76-0.65	1.0
JHNI	BN	6647	277	ES	0933	12.54-2.56	1.0
JBPL	HZ	6696	274	EP	0925	12.44-2.03	1.0
JBPL	HE	6696	274	ES	0933	20.95 0.14	1.0
RAIP	HZ	6697	271	EP	0925	14.28-0.28	1.0
SRGN	BZ	6720	284	EP	0925	16.41 0.59	1.0
SRGN	BN	6720	284	ES	0933	24.21 0.86	1.0
CHUR	HN	6745	282	ES	0933	26.86 0.56	1.0
VISK	HZ	6813	267	EP	0925	19.57-2.06	1.0
JGDP	HZ	6819	269	EP	0925	21.28-0.75	1.0
BKNR	BN	6882	283	ES	0933	45.04 3.15	1.0
BHPL	HZ	6893	276	EP	0925	25.54-0.99	1.0
BHPL	HN	6893	276	ES	0933	42.82-0.61	1.0
NGP	BZ	6909	273	EP	0925	28.13 0.69	1.0
NGP	BN	6909	273	ES	0933	42.94-2.21	1.0
JODH	HZ	7032	281	EP	0925	33.28-1.42	1.0
JODH	HN	7032	281	ES	0933	59.23 0.40	1.0
UDPR	BZ	7095	280	EP	0925	37.41-1.13	1.0
UDPR	BN	7095	280	ES	0934	05.90-0.13	1.0
VJD	BZ	7115	268	EP	0925	42.08 2.34	1.0
HYB	HZ	7217	270	EP	0925	45.32-0.46	1.0
LATR	BZ	7308	273	EP	0925	51.60 0.53	1.0
KLBG	HZ	7362	271	EP	0925	53.44-0.67	1.0
KLBG	HN	7362	271	ES	0934	37.10 1.63	1.0
KNL	HZ	7379	269	EP	0925	55.27 0.10	1.0
KNL	HN	7379	269	ES	0934	37.88 0.40	1.0
TPTI	HZ	7406	267	EP	0925	55.65-1.05	1.0
SLPR	HZ	7409	272	EP	0925	56.36-0.52	1.0
MDRS	HZ	7413	266	EP	0925	58.44 1.37	1.0
BHV	BZ	7417	278	EP	0925	58.20 0.93	1.0
ATP	HN	7496	269	ES	0934	50.77 0.68	1.0
BHUJ	HZ	7507	281	EP	0926	03.96 1.61	1.0
BLRY	HZ	7552	270	EP	0926	03.39-1.65	1.0
BLRY	HN	7552	270	ES	0934	59.42 3.23	1.0
BOM	BZ	7569	275	EP	0926	06.44 0.57	1.0
KAD	BZ	7575	273	EP	0926	07.05 0.74	1.0
KAD	BN	7575	273	ES	0934	55.94-2.66	1.0
SALM	BZ	7675	266	EP	0926	12.32 0.42	1.0
SALM	BN	7675	266	ES	0935	04.69-4.55	1.0
SUPA	HZ	7696	271	EP	0926	12.19-0.92	1.0
GOA	HN	7736	272	ES	0935	15.25-0.40	1.0
MYSR	HZ	7745	268	EP	0926	12.82-3.02	1.0
KDGU	HZ	7792	268	EP	0926	18.67 0.19	1.0
KOD	BZ	7837	265	EP	0926	22.12 0.92	1.0
KOD	BN	7837	265	ES	0935	29.75 2.83	1.0
MNGI	BZ	7845	269	EP	0926	23.42 2.15	1.0
CHT	HZ	7889	265	EP	0926	24.16 0.40	1.0
CHT	HE	7889	265	ES	0935	32.63 0.76	1.0
MNC	HZ	8337	267	EP	0926	45.25-2.20	1.0

December 28 2023 Hour: 11:50 8.8 Lat: 24.85N Lon: 91.56E D: 16.1 Ag: NCS Local
Magnitudes: 2.9ML NCS Rms: 0.7 secs
Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SILR	SZ	126	93	EP		1150	26.93-1.33								1.0
GUWA	SZ	149	5	EP		1150	31.09-0.09								1.0
GUWA	SN	149	5	ES		1150	48.04 0.31								1.0
GUWA	SN	149	5	IAML		1150	49.60			67	0.1				
GUWA	SE	149	5	IAML		1150	49.70			116	0.2				
TURA	SN	154	299	EP		1150	31.82 0.03								1.0
TURA	SN	154	299	ES		1150	48.50-0.31								1.0
TURA	SE	154	299	IAML		1150	50.83			585	0.4				
TURA	SN	154	299	IAML		1150	50.83			661	0.3				
AZL	SZ	168	137	EP		1150	34.95 1.29								1.0

TEZP	SZ	232	32	EP		1150	41.92	0.49									1.0
CMPI	HZ	233	130	EP		1150	41.32	-0.39									1.0
CMPI	HE	233	130	IAML		1150	54.82			284	0.4						

December 28 2023 Hour: 18:35 13.5

Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SMLA	HZ			EP		1836	23.66								
MUKT	HZ			EP		1836	03.07								
MUKT	HE			ES		1836	20.15								
LGTI	BE			ES		1836	17.92								
JOSI	BN			ES		1836	07.53								
LGTI	BZ			EP		1836	00.08								
PTH	BZ			EP		1835	59.49								
JOSI	BZ			EP		1835	55.24								

December 28 2023 Hour: 19:10 19.2

Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TEZP	SZ			EP		1911	05.02								
ZIRO	SN			EP		1911	10.84								
JORH	HZ			EP		1910	59.84								
JORH	HE			ES		1911	15.05								
ITAN	SE			ES		1911	25.67								
ITAN	SZ			EP		1911	06.12								
MOKO	SZ			EP		1910	54.10								
MOKO	SZ			ES		1911	04.97								
TURA	SN			ES		1912	12.98								
ZIRO	SE			ES		1911	33.76								
TAWA	SN			EP		1911	23.24								
TAWA	SN			ES		1911	56.68								
CMPI	HZ			EP		1911	17.76								
CMPI	HE			ES		1911	44.23								
HAUL	HE			ES		1912	07.61								
AZL	SZ			EP		1911	17.74								
AZL	SZ			ES		1911	45.83								
TEZP	SE			ES		1911	26.85								
HAUL	HZ			EP		1911	29.91								
TURA	SZ			EP		1911	34.47								

**December 28 2023 Hour: 20:16 57.8 Lat: 27.64N Lon: 97.39E D: 99.1
Magnitudes: 3.6ML NCS Rms: 0.8 secs**

Ag: NCS Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HAUL	HZ	99	300	EP		2017	16.79	-0.14							1.0
HAUL	HE	99	300	ES		2017	30.83	-0.08							1.0
HAUL	HN	99	300	IAML		2017	36.23			1845	0.5				
MOKO	SZ	321	244	EP		2017	41.83	-0.54							1.0
ZIRO	SN	350	269	EP		2017	45.95	0.50							1.0
ZIRO	SN	350	269	ES		2018	22.34	2.09							1.0
ZIRO	SN	350	269	IAML		2018	31.42			281	0.7				
ITAN	SZ	367	262	EP		2017	47.41	-0.12							1.0
TEZP	SZ	469	257	EP		2017	59.23	-0.53							1.0
TEZP	SN	469	257	ES		2018	43.50	-1.51							1.0
SHL	HE	585	248	ES		2019	09.35	-0.73							1.0
CMPI	HZ	615	223	EP		2018	18.14	0.53							1.0
CMPI	HN	615	223	ES		2019	16.67	0.78							1.0
CMPI	HN	615	223	IAML		2019	18.61			96	0.5				
AZL	SZ	640	229	EP		2018	20.27	-0.09							1.0
TURA	SN	752	253	ES		2019	43.83	-0.17							1.0
TURA	SN	752	253	IAML		2019	46.22			30	0.5				

December 28 2023 Hour: 20:37 23.1 Lat: 27.21N Lon: 92.28E 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
TAWA	SN	59	316	EP		2037	31.20	-1.51							1.0
TAWA	SN	59	316	IAML		2037	37.03			773	0.2				
TAWA	SE	59	316	IAML		2037	37.87			1452	0.2				
TEZP	SZ	83	142	EP		2037	34.96	-1.65							1.0
ITAN	SZ	143	93	EP		2037	46.07	0.19							1.0
ZIRO	SN	159	77	EP		2037	48.36	0.47							1.0
JORH	HZ	202	104	EP		2037	53.26	0.03							1.0
MOKO	SZ	243	113	EP		2037	58.72	0.29							1.0
TURA	SZ	278	228	EP		2038	03.14	0.52							1.0
TURA	SN	278	228	IAML		2038	36.70			208	0.2				
TURA	SE	278	228	IAML		2038	37.51			248	0.2				
GTK	SN	364	273	EP		2038	14.56	1.08							1.0
AZL	SZ	387	174	EP		2038	16.00	-0.19							1.0
CMPI	HZ	424	166	EP		2038	21.17	0.25							1.0
CMPI	HE	424	166	IAML		2039	09.84			39	0.7				
CMPI	HN	424	166	IAML		2039	10.80			36	0.7				
HAUL	HZ	430	76	EP		2038	22.06	0.52							1.0

December 28 2023 Hour: 22:21 33.2 Lat: 25.38N Lon: 90.29E D: 19.0 Ag: NCS Local
Magnitudes: 2.7ML NCS Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TURA	SZ	17	336	EP		2221	36.79	-0.44							1.0
TURA	SE	17	336	ES		2221	40.58	0.35							1.0
TURA	SE	17	336	IAML		2221	41.08			896	0.1				
TURA	SN	17	336	IAML		2221	41.26			1046	0.2				
SHL	HZ	159	82	EP		2221	56.56	-0.09							1.0
SHL	HE	159	82	ES		2222	14.33	0.30							1.0
SHL	HE	159	82	IAML		2222	15.79			24	0.1				
GTK	SE	273	322	ES		2222	38.89	0.13							1.0
GTK	SN	273	322	IAML		2222	39.19			493	0.1				
GTK	SE	273	322	IAML		2222	39.42			887	0.1				
TAWA	SN	291	32	ES		2222	42.24	-0.25							1.0
TAWA	SN	291	32	IAML		2222	42.65			38	0.4				
TAWA	SE	291	32	IAML		2222	44.36			27	0.2				

December 29 2023 Hour: 13:22 38.4 Lat: 15.82N Lon: 78.06E D: 5.0F Ag: NCS Local
Magnitudes: 2.3ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KNL	HZ	7	204	EP		1322	47.55	1.06							1.0
KNL	HE	7	204	ES		1322	51.81	-0.59							1.0
KNL	HN	7	204	IAML		1322	53.00			142	0.6				
HYB	HZ	185	16	EP		1323	05.10	-0.17							1.0
BLRY	HZ	196	253	EP		1323	06.44	-0.15							1.0
TPTI	HZ	286	145	EP		1323	17.35	-0.15							1.0

December 29 2023 Hour: 13:30 45.6 Lat: 16.61N Lon: 78.09E D: 5.0F Ag: NCS Local
Magnitudes: 2.7ML NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KNL	HZ	94	183	EP		1331	00.26	-0.58							1.0
KNL	HN	94	183	ES		1331	11.71	-0.40							1.0
KNL	HE	94	183	IAML		1331	12.93			448	0.5				
KNL	HN	94	183	IAML		1331	13.98			246	0.3				
HYB	HZ	102	29	EP		1331	02.00	-0.07							1.0
HYB	HN	102	29	ES		1331	14.33	0.08							1.0
HYB	HN	102	29	IAML		1331	16.14			564	0.6				
HYB	HE	102	29	IAML		1331	16.41			480	0.5				

KLBG	HZ	154	301	EP	1331	09.47-0.23										1.0
KLBG	HN	154	301	ES	1331	27.53-0.00										1.0
KLBG	HE	154	301	IAML	1331	30.52			61	0.7						
KLBG	HN	154	301	IAML	1331	30.97			75	0.6						
ATP	HZ	227	192	EP	1331	19.38 0.63										1.0
ATP	HN	227	192	ES	1331	43.85 0.58										1.0

December 29 2023 Hour: 16:31 20.4 Lat: 25.06N Lon: 96.79E D: 90.0F 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
MOKO	SZ	267	302	EP		1631	56.86	0.11							1.0
IMP	SZ	288	265	EP		1631	58.47-0.65								1.0
IMP	SN	288	265	ES		1632	28.39	0.64							1.0
IMP	SN	288	265	IAML		1632	41.52		16871	3.5					
IMP	SE	288	265	IAML		1632	42.20		21119	2.2					
JORH	HZ	315	307	EP		1632	01.82-0.37								1.0
HAUL	HZ	336	356	EP		1632	05.70	1.05							1.0
HAUL	HE	336	356	IAML		1632	17.52		2340	0.4					
HAUL	HN	336	356	IAML		1632	19.29		2343	1.1					
PASG	SZ	363	337	EP		1632	07.31-0.49								1.0
ITAN	SZ	384	308	EP		1632	09.92-0.34								1.0
ITAN	SN	384	308	IAML		1633	13.17		5192	1.7					
ITAN	SE	384	308	IAML		1633	17.96		3016	0.6					
CMPI	HZ	393	245	EP		1632	12.59	1.05							1.0
CMPI	HN	393	245	IAML		1632	31.90		1899	0.4					
CMPI	HE	393	245	IAML		1632	43.46		1865	0.9					
SILR	SZ	404	266	EP		1632	12.98	0.40							1.0
SILR	SE	404	266	IAML		1632	57.80		1558	0.2					
SILR	SN	404	266	IAML		1633	13.92		2129	1.5					
TEZP	SZ	435	294	EP		1632	14.99-1.33								1.0
AZL	SZ	441	251	EP		1632	16.21-0.83								1.0
SHL	HZ	500	277	EP		1632	25.64	1.60							1.0
GUWA	SZ	527	285	EP		1632	25.21-1.87								1.0
TAWA	SN	566	301	EP		1632	32.04	0.38							1.0
BELO	SZ	579	251	EP		1632	32.43-0.72								1.0
TURA	SZ	663	276	EP		1632	42.14-0.96								1.0
GTK	SN	856	289	EP		1633	06.74	0.88							1.0
SHBG	BZ	923	273	EP		1633	15.13	1.46							1.0
BOKR	HZ	1114	265	EP		1633	36.41	0.24							1.0
VLK	BZ	1311	284	EP		1633	59.31-0.05								0.8
RAGD	BZ	1518	248	EP		1634	22.40-1.22								0.6
RAIP	HZ	1606	258	EP		1634	34.57	0.56							0.5
PTH	BZ	1714	291	EP		1634	47.35	0.42							0.4

December 29 2023 Hour: 17: 7 30.1 Lat: 25.16N Lon: 96.54E D: 10.0F 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
MOKO	SZ	241	303	EP		1708	05.24	0.69							1.0
IMP	SZ	265	263	EP		1708	08.51	1.05							1.0
IMP	SN	265	263	IAML		1708	41.43		578	0.4					
IMP	SE	265	263	IAML		1708	46.12		433	0.8					
HAUL	HZ	324	360	EP		1708	15.20	0.40							1.0
HAUL	HE	324	360	IAML		1708	22.14		118	0.4					
HAUL	HN	324	360	IAML		1708	26.04		173	0.4					
PASG	SZ	344	340	EP		1708	16.77-0.45								1.0
ITAN	SZ	358	309	EP		1708	18.43-0.52								1.0
ZIRO	SE	376	315	IAML		1708	39.15		1586	0.4					
CMPI	HN	376	241	IAML		1708	26.61		114	0.2					
CMPI	HE	376	241	IAML		1708	28.83		398	0.8					
ZIRO	SN	376	315	EP		1708	20.89-0.29								1.0
ZIRO	SN	376	315	IAML		1708	41.36		1283	0.3					
CMPI	HZ	376	241	EP		1708	22.12	0.74							1.0

TEZP	SZ	409	294	EP	1708	24.95-0.31											1.0
AZL	SZ	421	249	EP	1708	25.20-1.70											1.0
TAWA	SN	539	301	EP	1708	41.51 0.39											1.0

December 30 2023 Hour: 4:24 28.1 Lat: 33.02N Lon: 76.49E D: 10.0F 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
THN	BZ	91	225	EP		0424	44.30	1.61							1.0
UDMP	HZ	128	265	EP		0424	47.70	-0.68							1.0
ALCI	BZ	147	26	EP		0424	52.04	0.86							1.0
ALCI	BN	147	26	ES		0425	07.49	-0.74							1.0
ALCI	BE	147	26	IAML		0425	09.44			1074	0.5				
ALCI	BN	147	26	IAML		0425	09.44			797	0.3				
BHK	BZ	185	167	EP		0424	54.81	-0.75							1.0
BHK	BN	185	167	IAML		0425	37.12			869	0.4				
BHK	BE	185	167	IAML		0425	37.32			472	0.3				
SMLA	HZ	219	163	EP		0424	58.85	-1.14							1.0
HNLY	BZ	234	96	EP		0425	02.32	0.29							1.0
HNLY	BE	234	96	ES		0425	27.68	0.56							1.0
HNLY	BN	234	96	IAML		0425	28.48			17	0.2				
HNLY	BE	234	96	IAML		0425	28.55			22	0.2				

December 30 2023 Hour: 5:19 37.7 Lat: 3.43N Lon: 92.91E D: 15.0F Ag: NCS Regional
Magnitudes: 5.5MW NCS Rms: 1.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MABH	HZ			EP		0524	53.41								
AURD	HZ			EP		0524	24.66								
ASIV	HZ			EP		0524	29.23								
DGPR	HZ	1078	0	EP		0521	58.73	2.28							0.0
TPTI	HZ	1854	309	EP		0523	31.32	0.84							1.0
SALM	BZ	1864	300	EP		0523	32.10	0.39							1.0
CHT	HZ	1873	293	EP		0523	31.92	-0.85							1.0
VJD	BZ	1974	318	EP		0523	45.44	1.46							1.0
BANG	HZ	1994	303	EP		0523	46.19	-0.12							1.0
BWNR	BZ	2014	338	EP		0523	49.48	1.06							1.0
MYSR	HZ	2056	300	EP		0523	53.27	0.06							1.0
ATP	HZ	2083	307	EP		0523	49.68	-6.15							1.0
BELO	SZ	2199	356	EP		0524	06.99	-0.22							1.0
MNGI	BZ	2245	299	EP		0524	11.46	-0.30							1.0
AZL	SZ	2248	359	EP		0524	11.78	-0.33							1.0
MNC	HZ	2263	285	EP		0524	14.19	0.72							0.0
SILR	SZ	2363	360	EP		0524	24.35	1.13							1.0
BLSP	BZ	2369	332	EP		0524	24.20	0.35							1.0
IMP	SZ	2370	3	EP		0524	23.48	-0.57							1.0
KNTI	BZ	2376	340	EP		0524	21.28	-3.30							1.0
SUPA	HZ	2403	304	EP		0524	27.35	0.21							1.0
SLPR	HZ	2433	312	EP		0524	30.25	0.19							1.0
LATR	BZ	2436	314	EP		0524	30.51	0.15							1.0
SHL	HZ	2453	357	EP		0524	32.06	-0.03							1.0
TURA	SZ	2461	354	EP		0524	32.61	-0.14							1.0
NGP	BZ	2471	324	EP		0524	33.03	-0.66							1.0
SHBG	BZ	2478	347	EP		0524	35.16	0.82							1.0
GOA	HZ	2481	304	EP		0524	34.74	0.12							1.0
HING	HZ	2485	317	EP		0524	35.41	0.34							1.0
MOKO	SZ	2539	4	EP		0524	40.16	-0.18							1.0
COBR	BZ	2557	352	EP		0524	41.79	-0.07							1.0
KAD	BZ	2558	308	EP		0524	42.17	0.19							1.0
TEZP	SZ	2567	360	EP		0524	42.54	-0.21							1.0
JORH	HZ	2584	3	EP		0524	43.73	-0.69							1.0
JPG	BZ	2597	350	EP		0524	46.09	0.45							1.0
ITAN	SZ	2626	2	EP		0524	48.39	0.09							1.0
VAR	BZ	2640	337	EP		0524	49.80	0.38							1.0

ZIRO	SN	2669	2	EP	0524	51.28-0.53	1.0
TAWA	SN	2677	358	EP	0524	51.88-0.60	1.0
ALBI	BZ	2698	335	EP	0524	53.91-0.24	1.0
PASG	SZ	2739	5	EP	0524	57.24-0.27	1.0
BHPL	HZ	2755	324	EP	0524	59.94 1.04	1.0
NASK	HZ	2771	313	EP	0525	00.98 0.72	1.0
GKPR	BZ	2771	340	EP	0524	59.97-0.16	1.0
BOM	BZ	2778	310	EP	0525	00.08-0.61	1.0
BNDA	BN	2788	332	EP	0525	01.34-0.17	1.0
INDR	HZ	2798	320	EP	0525	02.78 0.33	1.0
VLK	BZ	2825	341	EP	0525	04.15-0.39	1.0
PALG	HZ	2844	312	EP	0525	06.57 0.43	1.0
JHNI	BZ	2878	329	EP	0525	09.28 0.35	1.0
LKN	BZ	2884	335	EP	0525	09.89 0.53	1.0
BRCH	BZ	2930	337	EP	0525	12.68-0.41	1.0
BHV	BZ	3025	314	EP	0525	20.69-0.14	1.0
UDPR	BZ	3118	320	EP	0525	28.58 0.21	1.0
UNCH	BZ	3181	331	EP	0525	36.69 3.36	1.0
PTH	BZ	3192	336	EP	0525	34.67 0.27	1.0
PWAL	BZ	3197	330	EP	0525	30.32-4.30	1.0
MUKT	HZ	3204	335	EP	0525	35.32-0.17	1.0
ASOR	BZ	3230	332	EP	0525	36.91-0.32	1.0
AYAN	BZ	3239	330	EP	0525	38.28 0.30	1.0
LDR	HZ	3243	331	EP	0525	38.01-0.32	1.0
NPL	BZ	3251	331	EP	0525	39.12 0.19	1.0
NDI	HZ	3253	331	EP	0525	38.90-0.21	1.0
UJWA	BZ	3259	330	EP	0525	39.39-0.21	1.0
JODH	HZ	3299	322	EP	0525	46.40 3.67	1.0
JOSI	BZ	3316	336	EP	0525	44.73 0.36	1.0
BHUJ	HZ	3330	313	EP	0525	45.63 0.46	1.0
DDI	HZ	3363	334	EP	0525	49.40 1.46	1.0
BKNR	BZ	3443	325	EP	0525	54.95 0.73	1.0
CGRH	BZ	3466	332	EP	0525	56.38 0.32	1.0
SMLA	HZ	3484	333	EP	0525	58.21 0.48	1.0
JASL	BZ	3501	320	EP	0525	58.48-0.32	1.0
BHK	BZ	3521	333	EP	0526	00.56 0.22	1.0
SDNR	BZ	3535	333	EP	0526	01.49-0.08	1.0
SRGN	BZ	3554	328	EP	0526	01.56-1.35	1.0
HNLY	BZ	3560	337	EP	0526	03.93-0.16	1.0
DHRM	HZ	3633	333	EP	0526	10.76 1.36	1.0
THN	BZ	3676	333	EP	0526	13.22 0.62	1.0
UDMP	HZ	3755	332	EP	0526	20.84 2.07	1.0
JMU	BZ	3758	332	EP	0526	19.21 0.26	1.0
ALCI	BZ	3779	336	EP	0526	19.24-1.81	1.0
SRIN	BZ	3877	333	EP	0526	26.99-1.40	1.0

December 30 2023 Hour: 11:27 43.7 Lat: 34.56N Lon: 74.41E D: 5.0F 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
SRIN	BZ	68	147	EP		1127	52.73-1.96								1.0
SRIN	BE	68	147	ES		1128	02.06-0.74								1.0
SRIN	BN	68	147	IAML		1128	03.22			1854	0.1				
SRIN	BE	68	147	IAML		1128	03.55			5049	0.5				
UDMP	HZ	195	160	EP		1128	12.61-0.32								1.0
UDMP	HE	195	160	ES		1128	35.03 0.49								1.0
JMU	BZ	202	169	EP		1128	13.60-0.15								1.0
JMU	BN	202	169	ES		1128	36.94 0.98								1.0
JMU	BN	202	169	IAML		1128	40.62			412	0.4				
JMU	BE	202	169	IAML		1128	42.44			711	0.6				
ALCI	BZ	258	98	EP		1128	22.42 1.37								1.0
ALCI	BE	258	98	ES		1128	48.35-0.32								1.0
ALCI	BN	258	98	IAML		1129	01.73			1475	0.3				
ALCI	BE	258	98	IAML		1129	02.22			952	0.2				

DHRM	HZ	312	145	EP	1128	28.01	0.42								1.0
DHRM	HE	312	145	ES	1129	00.72	0.67								1.0
DHRM	HE	312	145	IAML	1129	04.16			364	0.5					
DHRM	HN	312	145	IAML	1129	04.70			391	0.3					
SDNR	BZ	409	145	EP	1128	39.27	-0.33								1.0
BHK	BZ	424	145	EP	1128	41.36	0.04								1.0
SMLA	HZ	460	145	EP	1128	45.04	-0.92								1.0
SMLA	HN	460	145	ES	1129	32.76	0.75								1.0
SMLA	HE	460	145	IAML	1129	37.75			97	0.4					
SMLA	HN	460	145	IAML	1129	37.79			85	0.2					

December 30 2023 Hour: 16: 6 60.0 Lat: 33.41N Lon: 76.54E D: 10.0F Ag: NCS Local
Magnitudes: 3.1ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	107	33	EP		1607	16.77	-0.41							1.0
ALCI	BE	107	33	ES		1607	30.31	0.39							1.0
ALCI	BE	107	33	IAML		1607	33.53			2814	0.2				
ALCI	BN	107	33	IAML		1607	34.51			2386	0.2				
THN	BZ	128	213	EP		1607	20.27	0.17							1.0
DHRM	HZ	130	190	EP		1607	19.22	-1.40							1.0
DHRM	HE	130	190	IAML		1607	38.20			146	0.9				
DHRM	HN	130	190	IAML		1607	42.60			130	0.5				
UDMP	HZ	143	248	EP		1607	23.00	0.73							1.0
SDNR	BZ	211	171	EP		1607	30.25	-0.41							1.0
SDNR	BE	211	171	ES		1607	53.55	0.18							1.0
BHK	BZ	226	170	EP		1607	32.31	-0.20							1.0
BHK	BE	226	170	ES		1607	57.11	0.52							1.0
BHK	BE	226	170	IAML		1608	01.63			377	0.6				
BHK	BN	226	170	IAML		1608	01.77			397	0.4				
SMLA	HZ	259	167	EP		1607	36.60	-0.23							1.0
SMLA	HE	259	167	ES		1608	04.77	0.67							1.0
SMLA	HE	259	167	IAML		1608	06.97			310	0.4				
SMLA	HN	259	167	IAML		1608	07.69			185	0.8				

December 30 2023 Hour: 17:16 24.0 Lat: 3.52S Lon: 139.75E D: 79.8 Ag: NCS Distant
Magnitudes: 6.2MW NCS Rms: 1.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ASIV	HZ			EP		1727	03.37								
MABH	HZ			EP		1726	21.82								
AURD	HZ			EP		1726	57.38								
DGPR	HZ	5493	291	EP		1725	05.39	0.07							1.0
IMP	SZ	5860	305	EP		1725	30.65	0.50							1.0
MOKO	SZ	5882	307	EP		1725	30.88	-0.86							1.0
PASG	SZ	5902	309	EP		1725	33.04	0.15							1.0
AZL	SZ	5924	303	EP		1725	34.32	-0.14							1.0
JORH	HZ	5927	307	EP		1725	34.06	-0.44							1.0
SILR	SZ	5962	304	EP		1725	36.49	-0.29							1.0
ITAN	SZ	5994	307	EP		1725	39.21	0.27							1.0
BELO	SZ	6019	302	EP		1725	40.70	0.18							1.0
BELO	SN	6019	302	ES		1733	12.85	1.21							1.0
TEZP	SZ	6050	306	EP		1725	41.23	-1.33							1.0
TURA	SZ	6233	304	EP		1725	52.83	-1.58							1.0
TURA	SE	6233	304	ES		1733	35.11	-2.29							1.0
JPG	BZ	6417	304	EP		1726	04.42	-1.68							1.0
BWNR	BZ	6449	296	EP		1726	07.09	-1.02							1.0
BWNR	BE	6449	296	ES		1734	00.72	-2.20							1.0
SHBG	BZ	6461	303	EP		1726	08.52	-0.33							1.0
SHBG	BN	6461	303	ES		1734	05.07	0.77							1.0
BOKR	HZ	6570	300	EP		1726	14.54	-1.15							1.0
BOKR	HE	6570	300	ES		1734	17.64	0.59							1.0
VISK	HZ	6621	293	EP		1726	19.92	1.07							1.0
VISK	HE	6621	293	ES		1734	23.51	0.54							1.0

RAGD	BZ	6654	295	EP	1726	19.59-1.30	1.0
JGDP	HZ	6793	294	EP	1726	29.56 0.14	1.0
JGDP	HN	6793	294	ES	1734	43.13 0.36	1.0
MDRS	HZ	6831	287	EP	1726	33.46 1.80	1.0
VJD	BZ	6866	291	EP	1726	33.69-0.07	1.0
VJD	BN	6866	291	ES	1734	53.90 2.98	1.0
VLK	BZ	6895	304	EP	1726	35.60 0.03	1.0
VLK	BN	6895	304	ES	1734	55.37 1.06	1.0
VAR	BZ	6901	301	EP	1726	35.87-0.04	1.0
VAR	BN	6901	301	ES	1734	56.69 1.74	1.0
TPTI	HZ	6909	287	EP	1726	36.26-0.14	1.0
BRCH	BN	7115	303	ES	1735	18.94-0.07	1.0
KNL	HZ	7120	289	EP	1726	48.79-0.19	1.0
KNL	HN	7120	289	ES	1735	19.80 0.26	1.0
JBPL	HZ	7126	298	EP	1726	49.27-0.11	1.0
JBPL	HE	7126	298	ES	1735	19.47-0.84	1.0
ATP	HZ	7135	288	EP	1726	50.28 0.40	1.0
ATP	HN	7135	288	ES	1735	21.75 0.50	1.0
NGP	BZ	7155	295	EP	1726	51.31 0.26	1.0
KDGU	HZ	7277	285	EP	1726	58.54 0.29	1.0
PTH	BZ	7319	305	EP	1727	00.89 0.08	1.0
PTH	BN	7319	305	ES	1735	43.90 2.05	1.0
JHNI	BZ	7327	300	EP	1727	00.80-0.27	1.0
JHNI	BN	7327	300	ES	1735	43.63 1.25	1.0
LATR	BZ	7339	292	EP	1727	01.81-0.01	1.0
LATR	BN	7339	292	ES	1735	41.21-2.58	1.0
MUKT	HZ	7365	304	EP	1727	03.62 0.07	1.0
MUKT	HN	7365	304	ES	1735	50.93 3.91	1.0
BHPL	HZ	7376	297	EP	1727	04.14 0.20	1.0
BHPL	HE	7376	297	ES	1735	48.01 0.19	1.0
JOSI	BZ	7413	305	EP	1727	06.57 0.27	1.0
TKRD	BZ	7428	304	EP	1727	07.03 0.16	1.0
UNCH	BZ	7487	303	EP	1727	10.07-0.13	1.0
PWAL	BN	7536	302	ES	1736	03.08-1.86	1.0
DDI	HZ	7541	305	EP	1727	14.01 0.64	1.0
GOA	HZ	7557	288	EP	1727	14.85 0.70	1.0
KAD	BZ	7557	290	EP	1727	15.01 0.77	1.0
LDR	HZ	7561	303	EP	1727	13.82-0.56	1.0
NDI	HZ	7565	303	EP	1727	14.78 0.17	1.0
AYAN	BZ	7566	303	EP	1727	14.43-0.25	1.0
AYAN	BE	7566	303	ES	1736	08.80 0.61	1.0
NPL	BZ	7567	303	EP	1727	13.44-1.29	1.0
UJWA	BZ	7589	303	EP	1727	16.48 0.47	1.0
UJWA	BE	7589	303	ES	1736	09.48-1.23	1.0
JHJR	BZ	7611	303	EP	1727	18.82 1.59	1.0
KUDL	HZ	7615	302	EP	1727	17.81 0.37	1.0
SMLA	HZ	7650	305	EP	1727	20.10 0.35	1.0
SMLA	HE	7650	305	ES	1736	18.31 0.54	1.0
SDNR	BZ	7688	306	IP	1727	21.88 0.25	1.0
SDNR	BZ	7688	306	EP	1727	21.88 0.25	1.0
BOM	BZ	7734	292	EP	1727	24.40 0.38	1.0
BOM	BE	7734	292	ES	1736	25.03-0.95	1.0
ALCI	BZ	7758	308	EP	1727	26.10 0.21	1.0
ALCI	BN	7758	308	ES	1736	28.42-1.01	1.0
DHRM	HN	7767	306	ES	1736	30.70 0.72	1.0
UDPR	BZ	7779	298	EP	1727	26.40-0.23	1.0
UDPR	BN	7779	298	ES	1736	28.67-2.26	1.0
THN	BZ	7818	306	EP	1727	29.60 0.83	1.0
THN	BN	7818	306	ES	1736	35.61 0.60	1.0
BHV	BZ	7866	294	EP	1727	32.06 0.75	1.0
BHV	BN	7866	294	ES	1736	38.62-1.26	1.0
UDMP	HZ	7895	306	EP	1727	32.64-0.34	1.0
UDMP	HN	7895	306	ES	1736	42.49-0.55	1.0
SRGN	BZ	7913	303	EP	1727	33.50-0.39	1.0

BKNR	BZ	7920	301	EP	1727	34.72	0.44									1.0
SRIN	BZ	7961	308	EP	1727	36.75	0.03									1.0
JASL	BZ	8114	299	EP	1727	44.64	-0.05									1.0
JASL	BN	8114	299	ES	1737	04.86	-0.62									1.0
BHUJ	HE	8151	295	ES	1737	07.06	-2.12									1.0

December 30 2023 Hour: 20: 6 27.1 Lat: 31.49N Lon: 78.25E D: 5.0F 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
SMLA	HZ	111	249	EP		2006	44.97	-0.00							1.0
SMLA	HE	111	249	ES		2006	57.94	-0.27							1.0
SMLA	HN	111	249	IAML		2007	05.31			4016	0.6				
SMLA	HE	111	249	IAML		2007	05.71			4948	0.1				
BHK	BZ	125	266	EP	9	2006	47.47	0.34							0.0
SDNR	BZ	128	273	EP		2006	45.28	-2.30							1.0
SDNR	BN	128	273	ES		2007	02.10	-0.65							1.0
SDNR	BN	128	273	IAML		2007	06.17			389	0.3				
SDNR	BE	128	273	IAML		2007	06.83			315	0.3				
DDI	HZ	130	188	EP		2006	48.22	0.31							1.0
DDI	HE	130	188	ES		2007	04.32	1.00							1.0
DDI	HN	130	188	IAML		2007	11.67			527	0.4				
DDI	HE	130	188	IAML		2007	11.87			771	0.3				
JOSI	BZ	162	129	EP		2006	51.40	-0.91							1.0
DHRM	HZ	203	295	EP		2006	57.74	0.37							1.0
DHRM	HN	203	295	ES		2007	20.51	0.72							1.0
DHRM	HE	203	295	IAML		2007	24.43			1181	0.3				
DHRM	HN	203	295	IAML		2007	24.98			1292	0.7				
THN	BZ	254	295	EP		2007	04.49	0.81							1.0
THN	BN	254	295	ES		2007	31.72	0.96							1.0
THN	BN	254	295	IAML		2007	40.28			225	0.3				
NPL	BZ	333	199	EP		2007	13.22	-0.13							1.0
UDMP	HZ	335	299	EP		2007	13.86	0.20							1.0
UDMP	HN	335	299	ES		2007	48.03	-0.10							1.0

December 30 2023 Hour: 20:23 55.6 Lat: 31.45N Lon: 78.35E D: 5.0F Ag: NCS Local
Magnitudes: 2.4ML NCS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SMLA	HZ	118	252	EP		2024	14.36	-0.35							1.0
SMLA	HE	118	252	ES		2024	29.12	0.26							1.0
SMLA	HE	118	252	IAML		2024	32.52			145	0.2				
SMLA	HN	118	252	IAML		2024	33.86			138	0.4				
SDNR	BZ	138	274	EP	9	2024	16.09	-1.45							0.0
SDNR	BN	138	274	ES		2024	31.78	-0.56							1.0
SDNR	BE	138	274	IAML		2024	34.34			125	0.5				
SDNR	BN	138	274	IAML		2024	34.71			185	0.1				
DHRM	HZ	213	295	EP		2024	26.92	-0.20							1.0
DHRM	HE	213	295	ES		2024	50.58	0.12							1.0
DHRM	HE	213	295	IAML		2024	53.69			50	0.2				
DHRM	HN	213	295	IAML		2024	54.13			51	0.5				
THN	BZ	264	295	EP		2024	33.38	-0.05							1.0
THN	BN	264	295	ES		2025	01.65	0.22							1.0
THN	BN	264	295	IAML		2025	09.47			8	0.5				

December 30 2023 Hour: 21:35 57.5 Lat: 31.42N Lon: 78.21E D: 5.0F Ag: NCS Local
Magnitudes: 2.4ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SMLA	HZ	105	252	EP		2136	14.42	-0.09							1.0
SMLA	HE	105	252	ES		2136	27.95	0.87							1.0
SMLA	HE	105	252	IAML		2136	28.94			133	0.3				
SMLA	HN	105	252	IAML		2136	29.28			89	0.2				
SDNR	BZ	125	276	EP		2136	15.67	-1.90							1.0

SDNR	BE	125	276	ES	2136	31.79	-0.60									1.0
SDNR	BE	125	276	IAML	2136	37.44			250	0.4						
SDNR	BN	125	276	IAML	2136	37.47			330	0.1						
DHRM	HZ	202	297	EP	2136	28.09	0.29									1.0
DHRM	HN	202	297	ES	2136	49.96	-0.24									1.0
DHRM	HE	202	297	IAML	2136	54.98			63	0.1						
DHRM	HN	202	297	IAML	2136	55.47			68	0.4						
THN	BZ	254	297	EP	2136	35.10	1.00									1.0
THN	BN	254	297	ES	2137	01.85	0.68									1.0
THN	BN	254	297	IAML	2137	10.93			10	0.6						

December 30 2023 Hour: 22:47 52.3 Lat: 23.67N Lon: 92.67E D: 19.3 Ag: NCS Local
Magnitudes: 3.2ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AZL	SZ	8	16	EP		2247	56.28	0.54							1.0
CMPI	HZ	68	106	EP		2248	03.65	0.13							1.0
CMPI	HN	68	106	IAML		2248	15.85			907	0.4				
CMPI	HE	68	106	IAML		2248	18.87			914	0.7				
SILR	SZ	124	6	EP		2248	09.93	-1.34							1.0
SILR	SE	124	6	ES		2248	26.51	1.21							1.0
SILR	SE	124	6	IAML		2248	28.12			468	0.4				
SILR	SN	124	6	IAML		2248	32.46			425	0.4				
BELO	SZ	133	250	EP		2248	11.90	-0.54							1.0
BELO	SN	133	250	ES		2248	28.26	0.92							1.0
BELO	SN	133	250	IAML		2248	31.63			2985	0.0				
TURA	SZ	321	310	EP		2248	34.92	-0.91							1.0

December 31 2023 Hour: 9: 4 3.5 Lat: 24.37N Lon: 82.39E D: 10.0F 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
ALBI	BZ	119	331	EP		0904	22.43	0.08							1.0
ALBI	BE	119	331	IAML		0904	44.70			1566	0.2				
ALBI	BN	119	331	IAML		0904	44.88			2297	0.3				
BLSP	BZ	253	185	EP	9	0904	35.96	-3.40							0.0
BLSP	BN	253	185	ES		0905	03.37	0.89							1.0
BLSP	BE	253	185	IAML		0905	06.02			1726	0.2				
BLSP	BN	253	185	IAML		0905	07.35			1637	0.4				
JBPL	HZ	281	243	EP		0904	42.57	-0.30							1.0
JBPL	HE	281	243	ES		0905	12.71	0.72							1.0
JBPL	HN	281	243	IAML		0905	23.64			175	0.7				
JBPL	HE	281	243	IAML		0905	24.53			90	0.7				
KNTI	BZ	308	106	EP		0904	46.94	0.72							1.0
RAIP	HZ	358	192	EP		0904	51.19	-1.22							1.0
RAIP	HN	358	192	IAML		0905	40.82			185	0.7				
RAIP	HE	358	192	IAML		0905	40.92			334	0.2				

December 31 2023 Hour: 16:36 25.6 Lat: 27.67N Lon: 85.82E 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
VLK	BZ	189	263	EP	4	1636	54.25	0.79							0.0
VLK	BE	189	263	ES		1637	15.34	1.26							1.0
GKPR	BZ	258	247	EP	4	1637	38.75	36.7							0.0
GKPR	BE	258	247	IAML		1638	12.25			2947	0.4				
GKPR	BN	258	247	IAML		1638	13.21			3497	0.4				
SHBG	BZ	326	146	EP		1637	11.18	0.72							1.0
TURA	SZ	500	118	EP		1637	30.89	-1.01							1.0
TURA	SE	500	118	ES		1638	19.77	-1.20							1.0
LGTI	BZ	592	290	EP		1637	43.36	0.13							1.0
LGTI	BN	592	290	ES		1638	41.33	0.65							1.0
GUWA	SZ	606	104	EP		1637	44.40	-0.34							1.0
GUWA	SE	606	104	ES		1638	43.98	0.67							1.0

GUWA	SN	606	104	IAML	1638	48.19		127	0.4	
GUWA	SE	606	104	IAML	1638	49.48		116	0.3	
MUKT	HZ	634	290	EP	1637	48.37-0.04				1.0
JOSI	BZ	688	299	EP	1637	54.98 0.14				1.0
TEZP	SZ	702	98	EP	1637	54.91-1.43				1.0
TEZP	SE	702	98	ES	1639	04.04 0.55				1.0
JHNI	BZ	758	253	EP	1638	01.13-1.87				1.0
JHNI	BE	758	253	ES	1639	14.43-0.64				1.0
JHNI	BN	758	253	IAML	1639	17.10	1981	0.4		
ITAN	SZ	784	92	EP	1638	04.44-1.57				1.0
ITAN	SN	784	92	IAML	1639	26.83	1964	0.4		
AZL	SZ	816	121	EP	1638	09.81-0.02				1.0
BWNR	BZ	822	180	EP	1638	11.03 0.58				1.0
NDI	HZ	852	280	EP	1638	13.69-0.37				1.0
NDI	HE	852	280	ES	1639	34.25-0.06				1.0
AYAN	BZ	859	278	EP	1638	14.59-0.20				1.0
AYAN	BN	859	278	IAML	1639	38.17	340	0.3		
AYAN	BE	859	278	IAML	1639	42.34	348	0.2		
IMP	SZ	871	109	EP	1638	17.36 1.04				1.0
IMP	SE	871	109	ES	1639	40.10 1.84				1.0
IMP	SE	871	109	IAML	1639	51.10	709	0.6		
MOKO	SZ	876	98	EP	1638	15.53-1.46				1.0
CMPI	HZ	883	120	EP	1638	19.15 1.29				1.0
SMLA	HZ	922	297	EP	1638	21.99-0.52				1.0
PASG	SZ	937	85	EP	1638	25.10 1.05				1.0
SDNR	BZ	963	298	EP	1638	26.57-0.56				1.0
SDNR	BE	963	298	ES	1639	57.67 0.61				1.0
JGDP	HZ	1027	203	EP	1638	34.80 0.17				1.0
DHRM	HN	1048	301	EP	1638	37.02-0.26				1.0
DHRM	HE	1048	301	ES	1640	15.60 0.88				1.0
DHRM	HE	1048	301	IAML	1640	21.70	205	1.1		
DHRM	HN	1048	301	IAML	1640	27.09	217	1.1		
ALCI	BZ	1098	313	EP	1638	43.79 0.57				1.0
THN	BZ	1100	301	EP	1638	42.62-0.61				1.0

December 31 2023 Hour: 17:54 17.1 Lat: 30.50N Lon: 79.24E D: 5.0F Ag: NCS Local
Magnitudes: 2.2ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JOSI	BZ	32	79	EP		1754	20.98-1.37								1.0
JOSI	BN	32	79	ES		1754	26.98 0.77								1.0
JOSI	BN	32	79	IAML		1754	27.55			64	0.3				
MUKT	HZ	123	161	EP		1754	37.83 0.90								1.0
MUKT	HN	123	161	ES		1754	50.81-0.76								1.0
MUKT	HE	123	161	IAML		1754	55.28		273	0.5					
MUKT	HN	123	161	IAML		1754	55.42		228	0.1					
PTH	BZ	138	137	EP		1754	39.87 0.64								1.0
PTH	BN	138	137	ES		1754	55.59 0.02								1.0
PTH	BN	138	137	IAML		1754	59.54			28	0.2				
PTH	BE	138	137	IAML		1754	59.78			32	0.1				
SMLA	HZ	210	290	EP		1754	47.40-0.93								1.0
SMLA	HN	210	290	ES		1755	12.14 0.74								1.0
SMLA	HN	210	290	IAML		1755	13.15			40	0.4				
SMLA	HE	210	290	IAML		1755	13.31			48	0.4				

December 31 2023 Hour: 19:54 16.6 Lat: 27.75N Lon: 91.73E D: 5.0F Ag: NCS Local
Magnitudes: 2.7ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TAWA	SN	22	143	EP		1954	17.93-2.32								1.0
TAWA	SE	22	143	ES		1954	22.91-0.05								1.0
TAWA	SE	22	143	IAML		1954	25.56			778	0.1				
TAWA	SN	22	143	IAML		1954	25.97			570	0.2				
TEZP	SZ	164	140	EP		1954	41.34-0.58								1.0

TEZP	SN	164	140	ES	1955	01.76	1.09				1.0
TEZP	SE	164	140	IAML	1955	09.40		93	0.2		
TEZP	SN	164	140	IAML	1955	09.51		81	0.1		
ITAN	SZ	208	108	EP	1954	46.73	-0.63				1.0
ITAN	SE	208	108	ES	1955	10.54	0.40				1.0
ITAN	SE	208	108	IAML	1955	17.40		78	0.5		
ITAN	SN	208	108	IAML	1955	20.02		73	0.3		
ZIRO	SN	211	96	EP	1954	47.95	0.28				1.0
ZIRO	SE	211	96	ES	1955	12.06	1.38				1.0
ZIRO	SE	211	96	IAML	1955	17.22		193	0.8		
ZIRO	SN	211	96	IAML	1955	19.23		243	0.2		
TURA	SZ	290	212	EP	1954	57.98	0.45				1.0
TURA	SN	290	212	ES	1955	28.23	0.39				1.0
GTK	SN	313	262	EP	1954	59.85	-0.67				1.0
GTK	SE	313	262	ES	1955	33.81	0.77				1.0
GTK	SE	313	262	IAML	1955	37.24		448	0.5		
GTK	SN	313	262	IAML	1955	38.94		317	0.8		
PASG	SZ	355	84	EP	1955	05.19	-0.49				1.0