

Monthly Seismological Bulletin

from the

National Center For Seismology

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Ministry of Earth Sciences
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INDIA

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GENERAL INFORMATION

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

The general model used for all local and regional events,

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

The coda magnitude formula given by :

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

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

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

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

where D is the hypocentral distance (km).

The crustal velocity model used for DELHI REGION is:

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

The coda magnitude formula for KOYNA REGION is given by :

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

The coda magnitude formula for GUJARAT REGION is given by :

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

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

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

The coda magnitude formula for CHAMOLI REGION given by :

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

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

LIST OF SEISMOLOGICAL STATIONS:

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

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

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

PBA	11.6557N	92.7439E	18	PORT BLAIR
P00	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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July 1 2023 Hour: 7:29 52.3 Lat: 0.63N Lon: 88.33E D: 32.4 Ag: NCS Regional
 Magnitudes: 5.6Ms NCS 5.8Mb NCS Rms: 1.3 secs
 Rms: 1.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DGPR	HZ	1477	20	EP		732	59.48	2.62							1.0
DGPR	HN	1477	20	E		736	1.43								
TRVM	HZ	1533	305	E		733	8.95								
TRVM	HN	1533	305	E		735	33.80								
CHT	HZ	1596	310	EP		733	14.64	1.69							1.0
CHT	HZ	1596	310	IAmb		733	16.50			455	0.8				
CHT	HN	1596	310	E		735	42.61								
KOD	BZ	1604	312	EP		733	13.60	-0.70							1.0
KOD	BZ	1604	312	IAmb		733	19.53			759	0.7				
KOD	BN	1604	312	ES		735	48.56	-5.43							0.0
SALM	BZ	1658	318	EP		733	21.51	0.83							1.0
SALM	BN	1658	318	EP		736	0.30	159.6							0.0
KOCH	HZ	1680	309	ES		733	17.90	-99.9							0.0
KOCH	HN	1680	309	ES		736	9.50	-0.40							1.0
MYSR	HZ	1839	316	EP		733	43.13	1.59							1.0
MYSR	HE	1839	316	E		736	37.40								
KDGU	HZ	1897	314	EP		733	50.82	2.63							1.0
KDGU	HZ	1897	314	IAmb		733	54.70			593	1.0				
KDGU	HN	1897	314	E		736	51.47								
ATP	HZ	1942	323	E		733	55.34								
ATP	HZ	1942	323	IAmb		733	57.20			537	0.9				
ATP	HN	1942	323	E		736	58.59								
VJD	BZ	1949	335	EP		733	55.87	2.01							1.0
VISK	HZ	1968	344	EP		733	58.03	2.03							1.0
VISK	HZ	1968	344	I		734	8.55								
MNGI	BZ	2011	313	E		734	3.21								
MNGI	BN	2011	313	ES		737	18.60	-3.48							1.0
KNL	HZ	2020	326	EP		734	0.75	-1.01							1.0
BLRY	HZ	2090	321	EP		734	10.00	0.97							1.0
BLRY	HZ	2090	321	IAmb		734	11.50			348	1.1				
RAGD	BZ	2127	346	EP		734	14.32	1.67							1.0
RAGD	BZ	2127	346	IAmb		734	19.08			769	0.9				
RAGD	BN	2127	346	ES		737	46.17	-0.95							1.0
RAGD	BN	2127	346	I		738	8.43								
HYB	HZ	2143	331	EP		734	13.71	-0.68							1.0
HYB	HE	2143	331	E		737	42.34								
JGDP	HZ	2153	342	EP		734	14.90	-0.39							1.0
BWNR	BZ	2187	353	EP		734	19.56	0.94							1.0
BWNR	BN	2187	353	E		737	53.30								
GOA	HZ	2290	317	EP		734	27.87	-0.73							1.0
GOA	HN	2290	317	E		738	23.55								
AURD	HZ	2296	328	EP		734	29.81	0.52							1.0
AURD	HN	2296	328	ES		738	29.68	10.56							0.0
SLPR	HZ	2323	325	EP		734	33.02	1.08							1.0
SLPR	HZ	2323	325	IAmb		734	35.83			333	0.9				
SLPR	HN	2323	325	ES		738	21.39	-2.59							1.0
ASIV	HZ	2336	327	EP		734	34.05	0.89							1.0
ASIV	HN	2336	327	ES		738	24.06	-2.17							1.0
RAIP	HZ	2389	343	EP		734	39.34	0.99							1.0
RAIP	HZ	2389	343	IAmb		734	42.30			429	1.0				
KAD	BZ	2409	321	EP		734	41.25	1.05							1.0
KAD	BN	2409	321	ES		738	40.35	1.23							1.0
CAL	BZ	2423	360	EP		734	43.91	2.38							1.0
CAL	BZ	2423	360	IAmb		734	50.20			799	0.5				
CAL	BN	2423	360	E		738	50.02								
BLSP	BZ	2467	345	EP		734	46.10	0.34							1.0
BLSP	BN	2467	345	E		738	56.26								
SAIH	SZ	2470	11	EP		734	44.81	-1.31							1.0
SAIH	SN	2470	11	E		738	57.14								

NGP	BN	2486	337	E	739	3.36			
KNTI	BZ	2503	353	E	734	49.56			
KNTI	BZ	2503	353	IAmb	734	52.03	279	0.7	
KNTI	BE	2503	353	E	739	2.06			
BOKR	HZ	2576	354	EP	734	56.83	0.62		1.0
BOKR	HZ	2576	354	IPP	735	20.13	-1.57		1.0
BOKR	HN	2576	354	E	739	12.86			
CNWR	HZ	2579	337	EP	734	56.73	0.23		1.0
CNWR	HZ	2579	337	IAmb	735	1.11	674	1.6	
CMPI	HZ	2586	12	E	734	54.78			
AGT	SZ	2592	7	EP	734	56.83	-0.81		1.0
AGT	SN	2592	7	E	739	13.98			
AGT	SZ	2592	7	IAMs_20	749	55.28	9622	14.3	
BOM	BZ	2637	321	EP	735	2.01	0.52		1.0
BOM	BZ	2637	321	IAmb	735	3.78	283	1.2	
BOM	BN	2637	321	E	739	21.80			
JBPL	HZ	2656	341	EP	735	3.39	0.34		1.0
JBPL	HN	2656	341	E	739	26.37			
JMUI	BZ	2698	355	EP	735	6.00	-0.49		1.0
JMUI	BN	2698	355	E	739	31.72			
SILR	SZ	2715	10	E	735	15.25			
PALG	HZ	2726	323	EP	735	10.00	1.23		1.0
PALG	HZ	2726	323	IAmb	735	11.95	401	1.2	
IMP	SZ	2745	12	EP	735	7.25	-3.11		0.0
IMP	SZ	2745	12	IAmb	735	26.13	55	0.9	
IMP	SN	2745	12	ES	739	28.82	0.95		1.0
TURA	SZ	2761	4	EP	735	10.21	-1.49		1.0
TURA	SN	2761	4	ES	739	36.60	3.28		1.0
INDR	HZ	2771	332	EP	735	13.35	0.84		1.0
VAR	BZ	2786	349	EP	735	13.82	0.14		1.0
SHL	HZ	2787	8	E	735	11.76			
SHL	HZ	2787	8	IAmb	735	13.52	401	1.3	
SHL	HZ	2787	8	I	735	20.16			
ALBI	BZ	2819	346	EP	735	15.87	-0.54		1.0
ALBI	BZ	2819	346	IAmb	735	17.69	226	0.8	
ALBI	BN	2819	346	E	739	46.99			
ALBI	BZ	2819	346	IAMs_20	744	35.45	20073	19.6	
ARIA	BZ	2824	358	E	735	17.01			
COBR	BZ	2842	2	EP	735	19.20	0.92		1.0
KOHI	SZ	2845	12	EP	735	15.86	-3.16		1.0
KOHI	SZ	2845	12	I	735	49.76			
KOHI	SN	2845	12	ES	739	45.26	-0.83		1.0
JPG	BZ	2867	1	EP	735	20.08	-0.26		1.0
JPG	BN	2867	1	E	740	23.46			
BNDA	BZ	2881	343	EP	735	21.13	-0.37		1.0
BNDA	BZ	2881	343	IAMs_20	745	10.58	13164	17.8	
STMR	BZ	2909	354	EP	735	24.17	0.44		1.0
STMR	BZ	2909	354	I	735	57.38			
MOKO	SZ	2919	13	E	735	22.25			
MOKO	SZ	2919	13	I	735	36.01			
MOKO	SN	2919	13	ES	739	55.72	-0.84		1.0
GKPR	BZ	2936	350	E	735	59.76			
GKPR	BN	2936	350	E	740	52.43			
GTK	SZ	2954	1	EP	735	26.90	-0.97		1.0
GTK	SZ	2954	1	IAmb	735	28.61	88	0.9	
GTK	SN	2954	1	ES	740	1.99	0.43		1.0
GTK	SZ	2954	1	IAMs_20	745	8.75	11834	20.8	
ITAN	SZ	2990	11	EP	735	28.49	-1.86		1.0
ITAN	SZ	2990	11	IAmb	735	31.16	114	0.7	
ITAN	SZ	2990	11	E	735	31.16			
LKN	BZ	3000	345	EP	735	31.12	0.01		1.0
VLK	BZ	3004	351	EP	735	31.32	-0.15		1.0
TAWA	SZ	3008	7	EP	735	30.85	-1.55		1.0
GWAL	HZ	3032	340	EP	735	33.67	-0.04		1.0

ZIRO	SZ	3034	11	EP	735	32.46-1.42				1.0
BRCH	BZ	3066	347	E	735	49.80				
BRCH	BN	3066	347	E	740	23.38				
BRCH	BZ	3066	347	IAMs_20	745	44.86	23741	20.0		
UDPR	BZ	3083	330	EP	735	39.91 2.15				1.0
UDPR	BN	3083	330	E	740	27.34				
AJM	BZ	3210	334	EP	735	47.85-0.16				1.0
AJM	BN	3210	334	E	740	43.90				
PWAL	BZ	3259	340	EP	735	50.85-1.08				1.0
UNCH	BZ	3268	342	EP	735	52.68 0.06				1.0
JODH	HZ	3275	331	EP	735	53.37 0.18				1.0
SONA	BZ	3284	340	EP	735	52.95-0.90				1.0
KUDL	HZ	3296	338	EP	735	54.19-0.61				1.0
LGTI	BZ	3302	345	EP	735	54.89-1.20				1.0
AYAN	BZ	3305	340	EP	735	55.41-0.21				1.0
AYAN	BZ	3305	340	IAmb	735	55.96	71	0.8		
AYAN	BN	3305	340	ES	740	50.22-0.26				1.0
JMIU	BZ	3308	340	EP	735	55.44-0.29				1.0
JMIU	BN	3308	340	ES	740	57.13 6.44				0.0
PTH	BZ	3319	346	EP	735	56.61-0.64				1.0
PTH	BN	3319	346	ES	740	57.08 3.72				1.0
PTH	BZ	3319	346	IAMs_20	747	39.28	18743	18.6		
NPL	BZ	3320	340	EP	735	56.65-0.03				1.0
MUKT	HZ	3321	345	EP	735	56.17-0.98				1.0
NDI	HZ	3323	340	EP	735	56.17-0.78				1.0
MERT	BZ	3333	341	EP	735	57.74-0.03				1.0
JHJR	BZ	3337	339	EP	735	58.02-0.08				1.0
NRLA	BZ	3337	340	EP	735	57.53-0.55				1.0
NRLA	BZ	3337	340	I	736	42.78				
CHUR	HZ	3376	336	EP	736	1.65 0.47				1.0
BKNR	BZ	3430	333	EP	736	4.72-0.74				1.0
JOSI	BZ	3440	345	EP	736	5.90-0.51				1.0
JOSI	BN	3440	345	ES	741	14.20 4.59				0.0
JASL	BZ	3456	329	EP	736	8.50 0.97				1.0
UTK	BZ	3492	343	EP	736	9.85-0.74				1.0
SMLA	HZ	3575	342	EP	736	16.78-0.42				1.0
SMLA	HZ	3575	342	IAmb	736	18.40	104	1.1		
KLP	BZ	3583	344	E	731	21.26				
KLP	BN	3583	344	E	736	38.99				
SDNR	BZ	3627	342	EP	736	20.49-0.55				1.0
BHK	BZ	3631	341	EP	736	21.66 0.36				1.0
HNLY	BZ	3692	345	IP	736	26.30 0.06				1.0
HNLY	BN	3692	345	ES	741	46.20 1.38				1.0
DHRM	HZ	3721	341	EP	736	28.25-0.87				1.0
DHRM	HN	3721	341	E	741	56.98				
THN	BZ	3759	341	IP	736	31.14-0.24				1.0
THN	BZ	3759	341	I	736	50.22				
JMU	BZ	3831	340	EP	736	36.71-0.14				1.0
JMU	BN	3831	340	E	742	8.40				
ALCI	BZ	3896	344	EP	736	41.38-0.76				1.0
SRIN	BZ	3960	340	EP	736	46.64-0.30				1.0

July 1 2023 Hour: 12:57 9.1 Lat: 36.37N Lon: 70.41E D:301.8 Ag: NCS Local
 Magnitudes: 3.9ML NCS Rms: 0.8 secs
 Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BE	568	133	ES		1259	28.36	0.58							1.0
UDMP	HZ	577	130	EP		1258	29.87	-0.45							1.0
UDMP	HN	577	130	ES		1259	29.69	0.09							1.0
THN	BZ	660	130	EP		1258	38.88	-0.54							1.0
THN	BN	660	130	ES		1259	44.88	-0.47							1.0
ALCI	BN	661	109	ES		1259	46.07	0.25							1.0
DHRM	HZ	709	128	EP		1258	44.80	-0.85							1.0
DHRM	HN	709	128	ES		1259	55.51	-0.61							1.0

DHRM	HN	709	128	IAML	1259	57.35			123	0.2				
DHRM	HE	709	128	IAML	1259	57.35			180	0.8				
BHK	BZ	780	133	EP	1258	55.43	2.52							1.0
BHK	BN	780	133	ES	13	0	9.95	1.25						0.0
SDNR	BZ	804	130	EP	1258	55.60	-0.13							1.0
SDNR	BN	804	130	ES	13	0	13.29	-0.27						1.0
SMLA	HZ	854	131	EP	1259	1.20	-0.45							1.0
SMLA	HN	854	131	IAML	13	0	23.27		99	9.0				
SMLA	HN	854	131	ES	13	0	24.43	0.61						1.0
SMLA	HE	854	131	IAML	13	0	27.87		52	0.6				
KUDL	HZ	1076	146	EP	1259	27.02	-0.13							1.0
KUDL	HE	1076	146	ES	13	1	7.76	-0.16						1.0

July 1 2023 Hour: 23:422.0 Lat: 26.66N Lon: 95.87E D:100.1 Ag: NCS Local
Magnitudes: 4.1ML NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MOKO	SZ	140	255	EP		23	4	45.75	0.05						1.0
MOKO	SN	140	255	ES		23	5	3.31	0.29						1.0
MOKO	SE	140	255	IAML		23	5	5.42		3350	0.5				
MOKO	SN	140	255	IAML		23	5	6.05		1879	0.3				
KOHI	SZ	205	240	EP		23	4	52.63	-0.25						1.0
KOHI	SN	205	240	ES		23	5	16.32	0.89						1.0
KOHI	SE	205	240	IAML		23	5	22.13		509	0.4				
KOHI	SN	205	240	IAML		23	5	22.63		407	0.3				
ZIRO	SZ	222	296	EP		23	4	54.61	0.24						1.0
ZIRO	SN	222	296	ES		23	5	17.84	-0.18						1.0
ZIRO	SE	222	296	IAML		23	5	20.42		4679	0.6				
ZIRO	SN	222	296	IAML		23	5	20.88		5048	0.3				
SILR	SZ	372	237	EP	*	23	5	17.21	5.21						0.0
SILR	SN	372	237	ES		23	5	53.54	-0.19						1.0
SILR	SE	372	237	IAML		23	5	55.25		431	0.2				
TAWA	SZ	410	285	EP		23	5	18.14							
TAWA	SN	410	285	ES		23	5	59.59							
TAWA	SN	410	285	IAML		23	6	1.56		1770	0.1				
TAWA	SE	410	285	IAML		23	6	1.92		2198	0.3				
SAIH	SZ	547	213	EP		23	5	33.36	0.21						1.0
SAIH	SN	547	213	ES		23	6	24.67	-0.44						1.0
TURA	SZ	579	259	EP		23	5	36.57	-0.44						1.0
TURA	SN	579	259	ES		23	6	31.41	-0.37						1.0
TURA	SN	579	259	IAML		23	6	35.17		345	0.1				
TURA	SE	579	259	IAML		23	6	35.26		379	0.4				

July 2 2023 Hour: 2:4044.3 Ag: Distant
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
IMP SZ IPP 3 5 49.19
SILR SZ IPP 3 3 30.55
KOHI SZ IPP 3 8 15.43

July 2 2023 Hour: 8:5718.1 Ag: Local
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
KOHI SZ EP 9 0 11.12
KOHI SN ES 9 1 55.84

July 2 2023 Hour: 10:2743.7 F Lat: 17.87S Lon: 174.97E D:100.2 Rms: 2.8 secs Ag: NCS Distant
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
DGPR HZ 9636 285 EP 1040 46.8253.14 1.0
IMP SZ 9967 296 IP D 1040 55.3147.74 1.0
MOKO SZ 9970 298 IP D 1040 55.6347.50 1.0
MOKO SZ 9970 298 IPP 1044 56.71
MOKO SZ 9970 298 E 1046 12.93
SAIH SZ 9972 294 IP D 1040 56.7248.85 1.0
SAIH SZ 9972 294 IPP 1044 58.16

CMPI	HZ	9978	295	IP	D	1040	56.5248.26	1.0
CMPI	HZ	9978	295	I		1044	59.83	
CMPI	HZ	9978	295	E		1055	45.90	
KOHI	SZ	9985	297	IP	D	1040	54.7545.91	1.0
KOHI	SZ	9985	297	IPP		1044	58.53	
KOHI	SZ	9985	297	E		1046	15.17	
SILR	SZ10074	296	IP	D	1041	0.6848.68	1.0	
SILR	SZ10074	296	IPP		1045	7.03		
SILR	SZ10074	296	E		1051	21.22		
ZIRO	SZ10077	299	IP	D	1041	0.0547.90	1.0	
ZIRO	SZ10077	299	I		1045	2.31		
SHL	HZ10180	296	EP		1041	5.0348.11	1.0	
SHL	HZ10180	296	I		1045	13.82		
TURA	SZ10347	296	IP	D	1041	11.2047.89	1.0	
TURA	SZ10347	296	I		1045	19.84		
JPG	BZ10526	296	EP		1041	22.3151.70	1.0	
JPG	BZ10526	296	I		1045	34.56		
GTK	SZ10562	297	IP	D	1041	20.1347.53	1.0	
GTK	SZ10562	297	I		1045	35.75		
GTK	SZ10562	297	E		1046	52.38		
BWNR	BZ10601	289	EP		1041	20.2646.55	1.0	
BWNR	BZ10601	289	I		1045	36.82		
BOKR	HZ10708	293	EP		1041	27.2849.18	1.0	
BOKR	HZ10708	293	IPP		1045	50.23		
BOKR	HZ10708	293	E		1057	3.81		
JMUI	BZ10711	294	EP		1041	24.3646.24	1.0	
JMUI	BZ10711	294	I		1045	47.37		
JMUI	BZ10711	294	E		1057	21.01		
KNTI	BZ10744	292	E		1041	30.32		
KNTI	BZ10744	292	I		1045	52.53		
VISK	HZ10772	286	EP		1041	27.2846.68	1.0	
VISK	HZ10772	286	I		1045	52.26		
RAGD	BZ10806	288	EP		1041	30.3248.33	1.0	
STMR	BZ10860	296	EP		1041	36.4752.60	1.0	
STMR	BZ10860	296	I		1046	2.78		
VJD	BZ11008	284	EP		1041	42.6252.85	1.0	
VJD	BZ11008	284	I	D	1046	10.97		
VLK	BZ11010	296	EP		1041	40.5750.69	1.0	
VLK	BZ11010	296	I		1046	8.92		
BLSP	BZ11022	290	EP		1041	36.6546.29	1.0	
BLSP	BZ11022	290	I		1045	55.65		
VAR	BZ11035	294	EP		1041	40.5749.71	1.0	
VAR	BZ11035	294	IPP		1046	2.78		
KNKR	BZ11035	288	EP		1041	40.5749.65	1.0	
GKPR	BZ11036	295	I		1046	40.09		
RAIP	HZ11047	289	IP	D	1041	39.7348.33	1.0	
RAIP	HZ11047	289	I		1046	9.71		
SALM	BZ11117	279	EP		1041	44.6650.46	1.0	
SALM	BZ11117	279	E		1055	30.21		
KOD	BZ11145	278	EP		1041	50.8155.24	1.0	
KOD	BZ11145	278	I		1046	17.11		
KOD	BZ11145	278	E		1055	48.65		
HYB	HZ11250	285	I		1046	28.67		
LKN	BZ11280	295	I		1046	19.16		
BNDA	BZ11300	293	EP		1041	44.8543.37	1.0	
BNDA	BZ11300	293	I		1046	28.04		
MYSR	HZ11306	279	I		1056	4.92		
KDGU	HZ11378	279	EP		1041	56.7652.16	1.0	
KDGU	HZ11378	279	I		1046	33.95		
JHNI	BZ11467	293	EP		1041	57.1449.06	1.0	
JHNI	BZ11467	293	I		1046	39.33		
JHNI	BZ11467	293	E		1056	11.36		
MUKT	HZ11470	297	I		1056	9.03		
GWAL	HZ11527	293	EP		1041	57.0846.57	1.0	

GWAL	HZ11527	293	I	1046	29.83	
GUNA	BZ11572	292	EP	1041	57.1444.82	1.0
GUNA	BZ11572	292	E	1056	11.36	
UNCH	BZ11588	296	EP	1041	59.0046.03	1.0
UNCH	BZ11588	296	I	1046	41.70	
UNCH	BZ11588	296	E	1056	13.23	
UTK	BZ11615	298	EP	1042	1.0546.78	1.0
HNLV	BZ11615	300	EP	1041	59.1845.03	1.0
HNLV	BZ11615	300	I	1046	42.35	
UTK	BZ11615	298	E	D 1056	15.28	
MERT	BZ11641	296	E	1056	13.23	
DDI	HZ11642	297	I	1046	54.96	
DDI	HZ11642	297	E	1056	15.27	
BISR	BZ11659	296	EP	1042	5.3349.53	1.0
BISR	BZ11659	296	I	1046	47.62	
BISR	BZ11659	296	E	1056	13.41	
JMIU	BZ11674	296	I	1046	47.62	
JMIU	BZ11674	296	E	1056	19.56	
LDR	HZ11680	296	I	1046	53.99	
LDR	HZ11680	296	E	1056	15.28	
NDI	HZ11684	296	I	1046	45.79	
NDI	HZ11684	296	E	1056	17.33	
SONA	BZ11687	295	EP	1042	1.0544.15	1.0
SONA	BZ11687	295	IPP	1046	49.89	
SONA	BZ11687	295	E	1056	21.42	
KAD	BZ11696	284	EP	1042	1.0543.83	1.0
KAD	BZ11696	284	IPP	1046	49.89	
UJWA	BZ11710	296	EP	1042	5.1547.32	1.0
UJWA	BZ11710	296	I	1046	47.84	
UJWA	BZ11710	296	E	1056	21.42	
JHJR	BZ11736	295	E	1056	19.56	
SMLA	HZ11744	298	I	1046	48.89	
SMLA	HZ11744	298	E	1056	17.29	
RTK	BZ11768	296	I	1046	51.94	
RTK	BZ11768	296	E	1056	25.52	
BHK	BZ11823	298	EP	1042	9.4347.12	1.0
BHK	BZ11823	298	ESS	1056	21.61	
DHRM	HZ11849	299	I	1046	56.98	
DHRM	HZ11849	299	ESS	1056	27.40	
THN	BZ11899	299	EP	1042	11.2945.91	1.0
THN	BZ11899	299	IPP	1047	2.18	
THN	BZ11899	299	E	1056	33.71	
UDPR	BZ11928	291	EP	1042	17.4450.97	1.0
UDPR	BZ11928	291	I	1047	4.23	
UDMP	HZ11971	300	EPP	1045	59.07	
UDMP	HZ11971	300	I	1047	3.69	
JMU	BZ11996	299	I	1047	7.20	
SRIN	BZ12023	301	EP	1042	17.4447.15	1.0
SRIN	BZ12023	301	E	D 1056	41.91	
SRGN	BZ12028	296	EP	1042	21.5451.07	1.0
SRGN	BZ12028	296	I	1046	58.08	
AJM	BZ11880	293	EP	1042	13.5248.89	1.0
AJM	BZ11880	293	I	1046	55.90	
AJM	BZ11880	293	E	1056	37.99	
ALBI	BZ11152	293	EP	1041	40.7545.25	1.0
ALCI	BZ11809	301	EP	1042	17.6255.65	1.0
ALCI	BZ11809	301	I	1046	52.89	
ALCI	BZ11809	301	E	1056	23.65	
ASOR	BZ11632	296	EP	1042	3.2848.55	1.0
ASOR	BZ11632	296	E	1056	9.31	
AURD	HZ11435	285	EP	1045	51.49284.6	0.0
AYAN	BZ11687	295	I	1046	46.11	
AYAN	BZ11687	295	E	1056	17.51	
BARM	HZ12181	292	EPP	1046	5.44	

BHGR	BZ11711	296	EP	1042	9.4351.59	1.0
BHGR	BZ11711	296	I	1046	49.12	
BHGR	BZ11711	296	E	1056	17.51	

July 2 2023 Hour: 18:28 34.7 Lat: 29.00N Lon: 78.05E D: 2.3 Ag: NCS Local
Magnitudes: 2.6ML NCS Rms: 1.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AYAN	BZ	107	238	EP		1828	46.92	-6.37							0.0
AYAN	BE	107	238	ES		1829	5.54	-1.29							1.0
UJWA	BZ	122	247	E		1828	37.30								
UJWA	BN	122	247	ES		1829	11.64	0.39							1.0
MUKT	HZ	164	72	EPg		1829	3.71	0.65							1.0
MUKT	HN	164	72	ESg		1829	22.55	-1.18							1.0
MUKT	HN	164	72	IAML		1829	24.14			55	0.1				
MUKT	HE	164	72	IAML		1829	24.46			59	0.2				
LGTI	BZ	202	77	EP		1829	8.99	1.34							1.0
LGTI	BN	202	77	ES		1829	31.55	-0.14							1.0
PTH	BZ	219	72	EP		1829	10.45	0.80							1.0
PTH	BN	219	72	ES		1829	34.86	-0.28							1.0
JOSI	BZ	226	40	E		1828	43.79								
JOSI	BZ	226	40	E		1828	59.54								
JOSI	BN	226	40	E		1829	28.65								
JOSI	BE	226	40	ES		1829	35.50	-1.17							1.0
JOSI	BE	226	40	IAML		1829	41.92			60	0.5				
JOSI	BN	226	40	IAML		1829	44.16			67	0.3				
SMLA	HZ	251	340	EP		1829	15.03	1.38							1.0
SMLA	HE	251	340	ES		1829	42.67	0.62							1.0
SMLA	HE	251	340	IAML		1829	47.53			30	0.3				
SMLA	HN	251	340	IAML		1829	47.61			43	0.3				
DHRM	HN	397	335	ES		1830	11.75	-1.14							1.0

July 3 2023 Hour: 2:51 44.9 Lat: 3.52S Lon: 140.30E D: 84.1 Ag: NCS Distant
Magnitudes: 5.6Mb NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SAIH	SZ	5893	302	EP		3 0	53.02	0.20							1.0
SAIH	SZ	5893	302	I Amb		3 0	55.02			85	0.7				
IMP	SZ	5911	305	EP		3 0	53.11	-0.79							1.0
IMP	SZ	5911	305	I		3 1	2.83								
MOKO	SZ	5932	307	EP		3 0	55.40	-0.37							1.0
KOHI	SZ	5939	306	EP		3 0	55.32	-0.96							1.0
KOHI	SZ	5939	306	I Amb		3 0	56.03			97	0.8				
ZIRO	SZ	6052	308	EP		3 1	3.69	0.54							1.0
ZIRO	SZ	6052	308	IAML		3 1	4.87			35	1.2				
SHL	HZ	6124	305	EP		3 1	8.70	0.35							1.0
TAWA	SN	6231	307	ES		3 8	58.40	0.01							1.0
TURA	SZ	6284	304	EP		3 1	18.12	-0.03							1.0
TURA	SZ	6284	304	I Amb		3 1	18.93			44	0.7				
BWNR	BZ	6505	296	EP		3 1	32.32	0.27							1.0
GTK	SZ	6512	305	EP		3 1	33.24	0.21							1.0
BOKR	HZ	6624	300	EP		3 1	41.04	1.54							0.9
KNTI	BZ	6655	299	EP		3 1	41.81	0.42							1.0
VISK	HZ	6679	293	EP		3 1	43.14	0.33							1.0
RAGD	BZ	6711	294	EP		3 1	45.21	0.44							1.0
BLSP	BZ	6927	297	EP		3 1	58.08	0.12							1.0
RAIP	HZ	6951	296	EP		3 1	59.31	-0.11							1.0
SALM	BZ	7080	285	EP		3 2	7.49	0.38							1.0
KOD	BZ	7129	283	EP		3 2	10.59	0.37							1.0
HYB	HZ	7164	291	EP		3 2	11.58	-0.45							1.0
JBPL	HZ	7182	298	EP		3 2	12.70	-0.30							1.0
AURD	HZ	7348	291	EP		3 2	20.71	-1.99							0.9
PTH	BZ	7370	304	EP		3 2	23.43	-1.16							1.0
JHNI	BZ	7381	300	EP		3 2	23.51	-1.06							1.0

MUYR	HZ	7383	305	EP	3	2	26.52	1.35							0.9
MUKT	HZ	7416	304	EP	3	2	26.41	-0.54							1.0
GUNA	BZ	7481	298	EP	3	2	29.91	-0.44							1.0
GUNA	BZ	7481	298	IAmb	3	2	34.24		56	0.7					
HNLY	BZ	7598	307	EP	3	2	38.07	1.01							1.0
HNLY	BZ	7598	307	IAmb	3	2	38.98		24	1.0					
SONA	BZ	7617	302	EP	3	2	37.44	-0.53							1.0
KUDL	HZ	7668	302	EP	3	2	40.39	-0.40							1.0
SMLA	HZ	7701	305	EP	3	2	43.23	0.31							1.0
DHRM	HZ	7817	306	EP	3	2	49.25	-0.56							1.0
UDPR	BZ	7835	298	EP	3	2	50.28	0.27							1.0
THN	BZ	7869	306	EP	3	2	52.64	0.72							1.0
BHV	BZ	7923	294	EP	3	2	55.19	0.40							1.0
BHV	BZ	7923	294	IAmb	3	2	57.66		32	0.6					
UDMP	HZ	7945	306	EP	3	2	56.22	0.18							1.0

July 3 2023 Hour: 6:536.0 Lat: 32.20N Lon: 76.32E D: 15.9 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
DHRM	HE	5	351	ESg		6	5	42.00	0.40						1.0
DHRM	HE	5	351	IAML		6	5	42.39		2730	0.1				
DHRM	HN	5	351	IAML		6	5	42.46		1993	0.1				
THN	BZ	55	299	EPg		6	5	47.50	1.55						1.0
THN	BN	55	299	ESg		6	5	54.66	1.46						1.0
SDNR	BZ	93	143	EPg		6	5	52.77	0.38						1.0
SDNR	BE	93	143	ESg		6	6	5.39	1.06						1.0
BHK	BZ	107	146	EPg		6	5	54.04	-0.75						1.0
BHK	BE	107	146	ESg		6	6	7.34	-1.14						1.0
UDMP	HZ	137	306	EPg		6	5	59.34	-0.55						1.0
UDMP	HE	137	306	ESg		6	6	15.46	-1.85						1.0
SMLA	HZ	144	146	EPg		6	6	1.02	-0.10						1.0
SMLA	HN	144	146	ESg		6	6	19.78	0.35						1.0
SMLA	HN	144	146	IAML		6	6	21.97		372	0.4				
SMLA	HE	144	146	IAML		6	6	22.04		762	0.2				
JMU	BZ	154	295	EPg		6	6	2.23	-0.52						1.0
JMU	BN	154	295	ESg		6	6	22.72	0.46						1.0
HNLY	BZ	258	75	EP		6	6	13.88	-0.51						1.0
HNLY	BE	258	75	ES		6	6	43.12	0.73						1.0
UTK	BZ	260	128	EP		6	6	7.18	-7.09						0.0
UTK	BN	260	128	ES		6	6	45.94	3.76						0.0
UTK	BN	260	128	IAML		6	6	50.42		98	1.0				
KUDL	HZ	450	178	EP		6	6	49.65	12.23						0.0
KUDL	HN	450	178	ES		6	7	39.66	17.43						0.0
KUDL	HE	450	178	IAML		6	7	45.89		282	0.2				
KUDL	HN	450	178	IAML		6	7	49.80		146	0.2				
DHRM	HZ	5	351	EPg		6	5	38.28	-0.97						1.0

July 3 2023 Hour: 9:1427.5 Lat: 36.58N Lon: 71.10E D: 274.5 Ag: NCS Local
Magnitudes: 4.2ML NCS Rms: 1.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	439	129	E		914	46.69								
SRIN	BN	439	129	ES		916	19.79	-0.51							1.0
JMU	BZ	543	140	EP		915	43.76	0.06							1.0
JMU	BN	543	140	ES		916	39.44	0.09							1.0
UDMP	HZ	549	137	EP		915	44.49	0.06							1.0
UDMP	HN	549	137	ES		916	40.44	-0.16							1.0
THN	BZ	631	135	EP		915	53.86	0.39							1.0
THN	BN	631	135	ES		916	56.34	0.10							1.0
DHRM	HZ	678	134	EP		915	59.47	0.43							1.0
DHRM	HN	678	134	ES		917	7.06	1.17							1.0
DHRM	HN	678	134	IAML		917	9.56			928	0.3				
DHRM	HE	678	134	IAML		917	10.52			964	0.3				

SDNR	BZ	775	135	EP	916	10.14	0.17									1.0
SDNR	BN	775	135	ES	917	24.63	-0.16									1.0
BHK	BZ	788	135	E	916	7.85										
BHK	BN	788	135	E	917	21.23										
BHK	BE	788	135	IAML	917	24.54		301	0.3							
BHK	BN	788	135	IAML	917	25.56		238	0.2							
SMLA	HN	825	135	ES	917	35.83	0.81									1.0
SMLA	HE	825	135	IAML	917	39.07		259	0.2							
SMLA	HN	825	135	IAML	917	39.45		219	0.2							
HNLY	BZ	836	118	EP	916	19.03	1.65									1.0
HNLY	BE	836	118	ES	917	33.63	-3.99									1.0
HNLY	BE	836	118	IAML	917	43.56		22	1.1							
HNLY	BN	836	118	IAML	917	43.94		22	0.8							
UTK	BZ	940	131	EP	916	29.89	0.70									1.0
UTK	BN	940	131	ES	917	58.61	0.58									1.0
DDI	HN	948	135	ES	918	1.52	2.00									1.0
JOSI	BZ	1030	128	EP	916	41.82	1.98									1.0
JOSI	BE	1030	128	E	918	20.23										
JOSI	BN	1030	128	IAML	918	22.82		105	0.3							
JOSI	BE	1030	128	IAML	918	23.01		125	0.5							
NDI	HZ	1046	145	EP	916	40.94	-0.51									1.0
NDI	HE	1046	145	ES	918	18.84	-0.41									1.0
KUDL	HZ	1064	150	EP	916	42.28	-1.28									1.0
KUDL	HN	1064	150	ES	918	21.53	-1.37									1.0
AJM	BZ	1174	162	EP	916	55.06	-1.57									1.0
AJM	BE	1174	162	ES	918	45.76	0.25									1.0
AJM	BE	1174	162	IAML	918	50.66		33	0.6							
AJM	BN	1174	162	IAML	918	58.35		16	0.3							
UDPR	BE	1353	169	ES	919	23.02	0.82									1.0
GUNA	BZ	1450	154	EP	917	27.75	-1.61									1.0
GUNA	BN	1450	154	ES	919	42.50	0.36									1.0
GUNA	BN	1450	154	IAML	919	45.60		50	0.4							
GUNA	BE	1450	154	IAML	919	45.89		27	0.4							
SMLA	HZ	825	135	EP	916	15.84	-0.05									1.0

July 3 2023 Hour: 10:55 37.2 Lat: 20.22N Lon: 73.01E D: 12.6 Ag: NCS Local
Magnitudes: 3.0ML NCS Rms: 1.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PALG	HZ	23	208	EPg		1055	42.81	1.05							1.0
PALG	HN	23	208	ESg		1055	45.22	0.14							1.0
PALG	HN	23	208	IAML		1055	46.67			1291	0.1				
PALG	HE	23	208	IAML		1055	46.74			1167	0.1				
NASK	HZ	85	104	EPg		1055	52.88	0.87							1.0
NASK	HN	85	104	ESg		1056	2.36	-0.45							1.0
NASK	HN	85	104	IAML		1056	3.33			5215	0.1				
BOM	BZ	148	188	EP		1056	1.98	0.04							1.0
BOM	BN	148	188	ES		1056	19.00	-1.00							1.0
BOM	BE	148	188	IAML		1056	22.84			18	0.1				
BOM	BN	148	188	IAML		1056	22.92			633	0.2				
BHV	BN	192	332	ES		1056	29.12	-0.37							1.0
BHV	BN	192	332	I		1056	29.88								
KAD	BZ	345	159	EPG		1056	35.15	-1.78							1.0
KAD	BN	345	159	ESN		1057	3.35	1.49							1.0

July 3 2023 Hour: 12:47 19.1 Ag: Local
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
BHJH HN ES 1249 1.29
BHJH HN IAML 1249 4.57 102 0.3
BHJH HE IAML 1249 3.92 109 0.2
BHJH HZ EP 1248 25.93

July 3 2023 Hour: 14:19 31.2 Lat: 29.94N Lon: 81.01E D: 5.0F Ag: NCS Local
 Magnitudes: 3.8ML NCS Rms: 1.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PTH	BZ	87	244	EPg		1419	45.27	-1.02							1.0
PTH	BE	87	244	ESg		1419	56.44	-0.86							1.0
LGTI	BZ	108	236	EPg		1419	49.42	-0.45							1.0
LGTI	BN	108	236	ESg		1420	3.18	-0.33							1.0
MUKT	HZ	141	248	EPG		1419	53.69	-1.99							1.0
MUKT	HE	141	248	ESG		1420	13.39	-0.17							1.0
JOSI	BZ	155	297	EP		1419	50.50	-7.38							0.0
JOSI	BN	155	297	ES		1420	3.45	-13.9							0.0
DDI	HZ	287	279	EP		1420	14.83	0.80							1.0
DDI	HN	287	279	ES		1420	44.43	-0.88							1.0
DDI	HE	287	279	IAML		1420	48.10			701	0.3				
DDI	HN	287	279	IAML		1420	49.18			810	0.3				
SMLA	HZ	391	291	EP		1420	26.93	-0.01							1.0
SMLA	HN	391	291	ES		1421	7.23	-0.40							1.0
SMLA	HE	391	291	IAML		1421	16.94			346	0.4				
NDI	HZ	394	250	E		1420	30.42								
NDI	HN	394	250	ES		1421	8.82	1.03							1.0
NPL	BZ	400	250	E		1420	39.04								
NPL	BN	400	250	ES		1421	11.31	2.33							1.0
AYAN	BZ	410	248	E		1419	53.23								
AYAN	BE	410	248	ES		1421	13.10	1.89							1.0
BHK	BZ	422	294	E		1420	41.97								
BHK	BN	422	294	ES		1421	13.93	0.23							1.0
SONA	BZ	427	245	E		1420	44.42								
SONA	BN	427	245	E		1421	22.69								
SDNR	BZ	431	295	EP		1420	32.24	0.67							1.0
SDNR	BN	431	295	E		1421	11.75								
DHRM	HZ	516	301	EP		1420	41.32	-0.85							1.0
DHRM	HN	516	301	E		1421	28.26								
AJM	BN	737	240	ES		1422	20.31	0.00							1.0

July 3 2023 Hour: 20:57 11.6 Ag: Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KOHI	SZ			EP		21 9	57.72								
MOKO	SZ			EP		21 9	57.20								
SAIH	SZ			EP		21 9	59.04								
TURA	SZ			EP		2110	16.68								
TAWA	SZ			EP		2110	11.77								
ZIRO	SZ			EP		2110	1.82								
SILR	SZ			EP		2110	4.89								
GTK	SZ			EP		2110	26.44								
TURA	SZ			IAmb		2110	22.95			47	1.3				
TAWA	SZ			IAmb		2110	17.14			14	0.8				
SILR	SZ			IAmb		2110	11.07			194	1.5				
SAIH	SZ			IAmb		2110	3.85			150	2.6				
MOKO	SZ			IAmb		2110	5.01			46	1.3				
KOHI	SZ			IAmb		2110	5.52			20	0.8				
GTK	SZ			IAmb		2110	33.53			34	1.3				
CMPI	HZ			EP		21 9	55.83								
SHL	HZ			EP		2110	8.01								

July 4 2023 Hour: 0:34 55.3 Lat: 26.38N Lon: 89.50E D: 11.1 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
JPG	BZ	81	283	EP		034	45.70	-23.7							0.0
JPG	BN	81	283	ES		035	20.90	1.18							1.0
TURA	SZ	120	143	EPg		035	16.21	0.03							1.0
TURA	SE	120	143	ESg		035	30.52	-0.92							1.0

TURA	SN	120	143	IAML	035	32.11		292	0.1	
TURA	SE	120	143	IAML	035	32.18		689	0.3	
GTK	SZ	137	320	EP	035	18.30-0.26				1.0
GTK	SN	137	320	ES	035	34.11-1.46				1.0
GTK	SN	137	320	IAML	035	35.75		97	0.1	
GTK	SE	137	320	IAML	035	35.89		84	0.2	
TAWA	SZ	271	60	EP	035	35.85 0.57				1.0
TAWA	SN	271	60	ES	036	4.99 0.50				1.0
TAWA	SN	271	60	IAML	036	6.99		149	0.3	
TAWA	SE	271	60	IAML	036	8.68		156	0.3	
ZIRO	SN	450	73	ES	036	41.86-0.53				1.0
ZIRO	SE	450	73	IAML	037	3.27		67	0.2	
ZIRO	SN	450	73	IAML	037	3.65		97	0.4	
KOHI	SE	467	98	ES	036	47.08 0.88				1.0

July 4 2023 Hour: 2: 8 0.1 Lat: 38.79N Lon: 76.44E D: 10.0F Ag: NCS Regional
 Magnitudes: 4.5ML NCS 4.5Mb NCS Rms: 1.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	512	172	EP	*	2 9	20.91	10.85							0.0
ALCI	BE	512	172	ES		210	16.18	4.18							1.0
UDMP	HZ	663	191	EP		2 9	30.75	2.61							1.0
UDMP	HN	663	191	ES		210	33.34	0.90							1.0
JMU	BZ	682	193	EP	*	2 9	33.45	2.96							0.0
JMU	BN	682	193	ES		210	40.76	1.30							1.0
JMU	BE	682	193	IAML		210	50.10			716	0.6				
HNLY	BZ	705	160	EP		2 9	34.08	0.32							1.0
HNLY	BE	705	160	ES		211	15.05	32.89							0.0
THN	BZ	707	185	EP		2 9	36.26	2.76							1.0
THN	BN	707	185	ES		210	43.21	1.50							1.0
DHRM	HZ	726	181	EP		2 9	37.99	1.98							1.0
DHRM	HN	726	181	ES		210	46.61	0.55							1.0
DHRM	HE	726	181	IAML		210	54.94			604	0.7				
DHRM	HN	726	181	IAML		210	55.14			1133	0.5				
SDNR	BZ	806	177	EP		2 9	46.84	1.13							1.0
SDNR	BN	806	177	ES		211	3.09	0.25							1.0
BHK	BZ	822	177	EP		2 9	48.64	1.14							1.0
BHK	BE	822	177	ES		211	6.23	0.31							1.0
SMLA	HZ	853	175	EP		2 9	51.83	0.34							1.0
SMLA	HN	853	175	ES		211	11.07	-1.76							1.0
DDI	HZ	951	171	EP		210	0.29	-3.01							1.0
DDI	HN	951	171	ES		211	35.62	2.35							1.0
DDI	HE	951	171	IAML		211	40.95			237	0.2				
JOSI	BZ	957	162	EP		210	4.41	0.21							1.0
JOSI	BN	957	162	ES		211	36.27	1.45							1.0
MUKT	HZ	1076	163	EP		210	17.95	-0.88							1.0
MUKT	HN	1076	163	ES		211	57.42	-2.71							1.0
PTH	BZ	1078	160	EP		210	18.31	-0.63							1.0
PTH	BN	1078	160	ES		212	1.24	0.92							1.0
LGTI	BZ	1095	161	EP		210	19.23	-1.79							1.0
LGTI	BN	1095	161	ES		212	2.44	-1.48							1.0
NDI	HZ	1123	176	EP		210	23.77	-0.50							1.0
NDI	HE	1123	176	ES		212	8.35	-1.19							1.0
NPL	BZ	1128	176	EP		210	24.30	-0.58							1.0
NPL	BN	1128	176	ES		212	8.42	-2.17							1.0
AYAN	BZ	1145	177	EP		210	28.23	1.28							1.0
AYAN	BE	1145	177	ES		212	12.80	-1.38							1.0
AJM	BZ	1381	188	EP		210	54.56	-1.29							1.0
AJM	BE	1381	188	ES		213	3.30	-0.88							1.0
JASL	BZ	1414	203	EP		210	58.88	-0.87							1.0
JASL	BE	1414	203	ES		213	10.55	-0.37							1.0
UDPR	BZ	1596	190	EP		211	21.84	-1.53							1.0
KOHI	SZ	2199	126	EP		212	33.02	2.41							1.0
KOHI	SZ	2199	126	IAmb		212	35.34			18	1.1				

IMP	SZ	2260	128	EP		212	37.27	0.80									1.0
IMP	SZ	2260	128	IAmb		212	40.72			31	1.1						
RAGD	BZ	2269	161	EP	4444	212	35.23	-2.05									0.0
SAIH	SZ	2395	134	EP		212	49.52	-0.20									1.0
SAIH	SZ	2395	134	IAmb		212	51.12			12	0.3						

July 4 2023 Hour: 7:25 30.0 Lat: 26.69N Lon: 96.43E D:100.0F Ag: NCS Local
Magnitudes: 4.8ML NCS 5.1Mb NCS Rms: 1.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MOKO	SZ	195	258	EP		726	0.29	1.15							1.0
MOKO	SN	195	258	ES		726	21.39	0.94							1.0
KOHI	SZ	256	246	EP		726	6.70	0.45							1.0
KOHI	SN	256	246	ES		726	32.62	-0.14							1.0
ZIRO	SZ	272	290	EP		726	8.93	0.88							1.0
ZIRO	SN	272	290	ES		726	36.67	0.81							1.0
ZIRO	SE	272	290	IAML		726	37.13		54909	0.3					
ZIRO	SN	272	290	IAML		726	37.24		38872	0.3					
ITAN	SZ	274	281	EP		726	9.19	0.95							1.0
ITAN	SN	274	281	ES		726	36.41	0.22							1.0
ITAN	SE	274	281	IAML		726	38.39		14513	0.4					
ITAN	SN	274	281	IAML		726	38.48		13735	0.6					
TUTG	HZ	297	330	IP	*	726	13.46	2.42							0.0
TUTG	HN	297	330	ES		726	43.07	-0.38							1.0
IMP	SZ	324	231	EP		726	14.76	0.46							1.0
IMP	SN	324	231	ES		726	46.18	-0.50							1.0
IMP	SN	324	231	IAML		726	53.13		849	0.4					
SILR	SZ	421	241	EP		726	26.82	0.89							1.0
SILR	SN	421	241	ES		727	6.49	-0.31							1.0
SILR	SE	421	241	IAML		727	13.29		1465	0.7					
TAWA	SZ	463	283	EP		726	30.75	-0.35							1.0
TAWA	SN	463	283	ES		727	15.35	-0.39							1.0
TAWA	SE	463	283	IAML		727	18.73		11597	0.5					
CMPI	HZ	474	222	EP		726	33.02	0.53							1.0
CMPI	HN	474	222	ES		727	17.93	-0.22							1.0
SAIH	SZ	581	218	EP		726	46.97	1.44							1.0
SAIH	SN	581	218	ES		727	41.62	0.91							1.0
TURA	SZ	634	260	EP		726	50.83	-1.04							1.0
TURA	SN	634	260	ES		727	49.48	-2.18							1.0
TURA	SE	634	260	IAML		727	52.32		1580	0.2					
TURA	SN	634	260	IAML		727	53.01		1864	0.2					
GTK	SZ	780	277	EP		727	8.87	-0.87							1.0
GTK	SN	780	277	ES		728	22.37	-0.22							1.0
GTK	SE	780	277	IAML		728	26.27		438	0.2					
GTK	SN	780	277	IAML		728	26.30		317	0.1					
VLK	BZ	1243	277	EP		728	6.18	0.81							1.0
VLK	BN	1243	277	E		730	5.16								
BWNR	BZ	1296	239	EP		728	11.63	-0.15							1.0
BWNR	BN	1296	239	ES		730	8.86	-1.06							1.0
ALBI	BZ	1471	267	EP		728	30.79	-2.05							1.0
ALBI	BE	1471	267	ES		730	46.58	0.22							1.0
PTH	BZ	1625	285	EP		728	49.72	-1.81							0.9
PTH	BN	1625	285	ES		731	20.19	1.50							0.9
MUKT	HZ	1676	284	EP		728	55.27	-2.51							0.9
MUKT	HN	1676	284	ES		731	31.65	2.15							0.9
NDI	HN	1907	281	ES		732	18.45	1.22							0.7
NPL	BZ	1911	281	EP		729	26.71	0.89							0.7
SONA	BZ	1920	280	E		729	23.12								
SONA	BN	1920	280	ES		732	20.74	0.76							0.7
SDNR	BZ	1972	290	E		729	27.88								
KUDL	HZ	1977	279	EP		729	32.37	-1.40							0.7
KUDL	HN	1977	279	ES		732	31.35	-0.42							0.7
THN	BZ	2094	293	E		729	43.69								
THN	BN	2094	293	E		732	58.56								

AJM	BZ	2170	274	EP	729	52.60-4.49	0.6
AJM	BN	2170	274	ES	733	12.34 0.24	0.6
UDPR	BZ	2290	269	E	730	3.63	

July 4 2023 Hour: 9:18 44.1 Lat: 30.10N Lon: 80.64E D: 5.0F 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
PTH	BZ	71	217	EPg		918	54.88	-1.57							1.0
PTH	BE	71	217	ESg		919	6.18	0.71							1.0
LGTI	BZ	95	215	EPg		918	59.23	-1.36							1.0
LGTI	BE	95	215	ESg		919	13.63	0.98							1.0
JOSI	BZ	116	296	EPg	*	919	0.30	-3.89							0.0
JOSI	BN	116	296	ESg		919	13.99	-0.99							1.0
HNLY	BZ	337	332	EP		919	34.48	1.07							1.0
HNLY	BN	337	332	E		920	16.35								
SMLA	HZ	352	290	EP		919	35.43	0.38							1.0
SMLA	HN	352	290	IAML		920	24.93			196	0.8				
SMLA	HE	352	290	IAML		920	25.15			215	0.4				
NDI	HE	368	246	IAML		920	31.41			92	0.5				
SDNR	BZ	391	295	EP		919	39.46	-0.19							1.0
SDNR	BN	391	295	ES		920	20.85	0.64							1.0
SDNR	BE	391	295	IAML		920	37.50			63	0.5				
SDNR	BN	391	295	IAML		920	40.59			93	0.2				
DHRM	HN	477	301	ES		920	37.90	-0.67							1.0
DHRM	HE	477	301	IAML		920	44.77			88	0.4				
DHRM	HN	477	301	IAML		920	44.83			51	0.3				

July 4 2023 Hour: 9:30 48.0 Lat: 36.24N Lon: 70.64E D:150.0F 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
JMU	BZ	544	134	EP	*	932	5.91	3.22							0.0
JMU	BN	544	134	ES		933	1.20	0.76							1.0
JMU	BN	544	134	IAML		933	10.66			575	0.5				
JMU	BE	544	134	IAML		933	13.99			629	0.4				
UDMP	HZ	553	131	EP		932	5.95	2.09							0.0
UDMP	HN	553	131	ES		933	0.91	1.66							0.0
THN	BZ	635	130	EP		932	14.86	0.95							1.0
THN	BN	635	130	ES		933	17.82	1.19							1.0
BHK	BZ	793	131	E		932	30.55								
BHK	BN	793	131	E		933	43.63								
BHK	BN	793	131	IAML		933	46.97			193	0.1				
BHK	BE	793	131	IAML		933	48.14			142	0.1				
JASL	BZ	1033	179	E		932	59.27								
JASL	BN	1033	179	ES		934	40.62	-0.06							1.0
UJWA	BZ	1034	144	EP		933	2.61	0.03							1.0
UJWA	BN	1034	144	ES		934	41.19	0.37							1.0
NDI	HZ	1040	142	EP		933	3.50	0.17							1.0
NDI	HN	1040	142	ES		934	42.46	0.33							1.0
JOSI	BZ	1041	125	EP		933	4.11	0.45							1.0
JOSI	BE	1041	125	ES		934	42.43	-0.27							1.0
JOSI	BN	1041	125	IAML		934	52.52			91	0.2				
JOSI	BE	1041	125	IAML		934	53.04			88	0.5				
NPL	BZ	1042	142	EP		933	3.50	-0.08							1.0
NPL	BN	1042	142	ES		934	41.19	-1.37							1.0
KUDL	HZ	1053	147	EP		933	4.38	-0.55							1.0
KUDL	HE	1053	147	ES	C	934	45.87	0.97							1.0
AYAN	BZ	1054	143	EP		933	4.78	-0.26							1.0
AYAN	BN	1054	143	ES		934	43.61	-1.48							1.0
AYAN	BE	1054	143	IAML		934	47.06			73	0.4				
SONA	BZ	1073	144	EP		933	7.51	0.21							1.0
MUKT	HZ	1129	129	EP		933	13.26	-1.19							1.0
MUKT	HN	1129	129	ES		935	1.29	-0.08							1.0

AJM	BZ	1152	160	EP	933	16.61-0.41									1.0
AJM	BE	1152	160	ES	935	6.00 0.18									1.0
AJM	BE	1152	160	IAML	935	11.15			56	0.7					
UDPR	BZ	1325	166	EP	933	38.66 0.47									1.0
UDPR	BN	1325	166	ES	935	42.87 0.44									1.0
JHNI	BZ	1417	145	EP	* 933	46.01-3.28									0.0
JHNI	BE	1417	145	ES	935	58.08-0.28									1.0
GUNA	BZ	1436	152	EP	* 933	49.66-1.96									0.0
GUNA	BN	1436	152	ES	936	3.11-0.60									1.0

July 4 2023 Hour: 19:59 33.2 Lat: 36.70N Lon: 71.46E D:188.5 Ag: NCS Local
Magnitudes: 3.2ML NCS 3.4MW NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	537	140	IP		20 0	45.32	0.07							1.0
UDMP	HN	537	140	ES		20 1	37.09	-0.76							1.0
THN	BZ	618	139	EP		20 0	54.97	0.33							1.0
THN	BE	618	139	ES		20 1	54.71	0.62							1.0
DHRM	HZ	665	137	EP		20 1	0.25	-0.05							1.0
DHRM	HN	665	137	ES		20 2	3.97	0.09							1.0
DHRM	HE	665	137	IAML		20 2	6.52			36	0.2				
DHRM	HT	665	137	IAML		20 2	22.25			29	0.3				
SMLA	HZ	812	138	EP		20 1	18.03	0.26							1.0
SMLA	HN	812	138	ES		20 2	34.12	0.02							1.0
SMLA	HN	812	138	IAML		20 2	36.71			14	0.2				
SMLA	HE	812	138	IAML		20 2	36.84			17	0.4				
MUKT	HZ	1108	134	EP		20 1	52.48	-0.59							1.0

July 4 2023 Hour: 21:47 25.3 Lat: 21.18N Lon: 93.16E D: 7.6 Ag: NCS Local
Magnitudes: 4.0ML NCS Rms: 1.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SAIH	SZ	146	353	EPg		2147	50.46	-0.18							1.0
SAIH	SN	146	353	ESg		2148	8.21	-0.90							1.0
SILR	SZ	400	355	EP		2148	43.54	21.95							0.0
KOHI	SZ	512	11	EP		2148	36.10	0.73							1.0
KOHI	SN	512	11	ES		2149	25.82	-0.67							1.0
TURA	SZ	566	329	EP		2148	40.64	-1.27							1.0
TURA	SN	566	329	ES		2149	37.82	0.01							1.0
MOKO	SZ	586	13	EP		2148	47.19	2.81							1.0
MOKO	SE	586	13	ES		2149	40.74	-1.34							1.0
ZIRO	SZ	706	6	EP		2148	59.18	0.22							1.0
ZIRO	SE	706	6	ES		2150	7.87	0.56							1.0
ZIRO	SE	706	6	IAML		2150	11.41			138	0.7				
TAWA	SZ	722	350	EP		2149	1.31	0.37							1.0
TAWA	SN	722	350	ES		2150	10.54	-0.19							1.0
TAWA	SE	722	350	IAML		2150	14.47			189	0.1				
TAWA	SN	722	350	IAML		2150	16.37			246	0.3				
BOKR	HZ	803	292	EP		2149	12.51	1.77							1.0
BOKR	HZ	803	292	I		2149	19.94								
BOKR	HE	803	292	E		2150	20.18								
GTK	SZ	823	327	EP		2149	13.16	-0.14							1.0
GTK	SN	823	327	ES		2150	32.78	0.67							1.0
DGPR	HZ	886	182	EP		2149	18.96	-1.90							1.0
DGPR	HN	886	182	ES		2150	45.39	0.19							1.0
JBPL	HZ	1381	282	EP		2150	21.74	0.39							1.0
JBPL	HZ	1381	282	I Amb		2150	22.89			36	0.3				
JBPL	HN	1381	282	ES		2152	29.94	0.11							1.0
NGP	BE	1465	272	ES		2152	47.39	-0.23							1.0
PTH	BZ	1601	308	E		2150	45.13								
PTH	BN	1601	308	ES		2153	15.58	-0.89							0.9
SMLA	HZ	1939	308	EP		2151	28.67	-0.48							0.7
DHRM	HZ	2074	310	E		2151	38.77								

July 5 2023 Hour: 11:153.4 Lat: 18.06N Lon: 76.51E D: 10.9 Ag: NCS Local
Magnitudes: 2.2ML NCS Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ASIV	HZ	19	288	EPg		11	1	56.99	0.03						1.0
ASIV	HZ	19	288	I		11	1	57.00				108	0	9.1	
ASIV	HN	19	288	ESg		11	1	59.41	-0.02						1.0
ASIV	HE	19	288	IAML		11	1	59.60		776	0.1				
AURD	HZ	44	90	EPg		11	2	0.67	-0.03						1.0
AURD	HN	44	90	ES		11	2	5.95	0.02						1.0
AURD	HN	44	90	IAML		11	2	6.79		62	0.1				

July 5 2023 Hour: 13:42 41.6 Lat: 35.98N Lon: 68.21E D: 10.0 Ag: NCS Local
Magnitudes: 4.2ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BN	639	108	E		1345	30.85								
SRIN	BE	639	108	IAML		1345	35.63			1079	0.2				
SRIN	BN	639	108	IAML		1345	36.12			1069	0.3				
JMU	BZ	705	118	EP		1344	16.86	2.07							1.0
JMU	BE	705	118	ES		1345	21.07	-1.72							1.0
JMU	BE	705	118	IAML		1345	25.33			451	0.1				
JMU	BN	705	118	IAML		1345	26.25			224	0.2				
THN	BZ	802	117	EP		1344	26.47	-0.26							1.0
THN	BN	802	117	ES		1345	43.85	0.40							1.0
DHRM	HZ	854	117	EP		1344	33.08	-0.11							1.0
DHRM	HN	854	117	ES		1345	55.45	0.83							1.0
DHRM	HE	854	117	IAML		1345	56.37			268	0.7				
DHRM	HN	854	117	IAML		1345	56.74			298	0.5				
SDNR	BZ	944	119	EP		1344	43.71	-0.40							1.0
SDNR	BN	944	119	ES		1346	12.48	-1.03							1.0
SDNR	BE	944	119	IAML		1346	18.67			57	0.3				
SDNR	BN	944	119	IAML		1346	22.51			45	0.3				
BHK	BZ	955	120	EP	*	1344	40.36	-5.03							0.0
BHK	BN	955	120	ES		1346	9.00	-1.70							1.0
SMLA	HZ	990	120	EP		1344	49.00	-0.86							1.0
SMLA	HZ	990	120	ES		1346	24.36	0.91							1.0
SMLA	HN	990	120	IAML		1346	26.85			172	0.5				
SMLA	HZ	990	120	IAML		1346	27.02			115	0.3				
NDI	HZ	1170	131	E		1345	8.82								
NDI	HE	1170	131	ES		1347	1.39	0.28							1.0
MUKT	HZ	1292	121	EP		1345	26.13	-0.64							1.0
MUKT	HE	1292	121	ES		1347	27.89	0.57							1.0
MUKT	HE	1292	121	IAML		1347	32.86			26	0.5				
MUKT	HN	1292	121	IAML		1347	34.01			31	0.4				
PTH	BZ	1327	119	EP		1345	30.11	-0.82							1.0
PTH	BN	1327	119	ES		1347	35.27	0.76							1.0
PTH	BN	1327	119	IAML		1347	36.41			15	0.2				

July 5 2023 Hour: 17:145.2 Lat: 20.08N Lon: 72.96E D: 10.0 Ag: NCS Local
Magnitudes: 2.7ML NCS Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PALG	HZ	7	221	EPg		17	1	47.38	0.03						1.0
PALG	HZ	7	221	I		17	1	47.41				41	0	12.0	
PALG	HN	7	221	ESg		17	1	48.88	-0.03						1.0
PALG	HE	7	221	IAML		17	1	49.13		2620	0.1				
PALG	HN	7	221	IAML		17	1	49.16		1257	0.0				

July 5 2023 Hour: 17:12 32.2 Lat: 18.55N Lon: 95.11E D: 39.2 Ag: NCS Local
 Magnitudes: 3.9ML NCS Rms: 1.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SAIH	SZ	489	333	EP		1713	36.12	-0.13							1.0
SAIH	SN	489	333	ES		1714	24.85	1.88							1.0
CMPI	HZ	579	341	EP		1713	47.01	-0.22							1.0
CMPI	HN	579	341	ES		1714	41.08	-0.88							1.0
CMPI	HN	579	341	IAML		1714	49.90			102	0.3				
BELO	SZ	645	324	EP		1713	55.14	0.03							1.0
KOHI	SZ	801	353	EP		1714	15.01	0.67							1.0
KOHI	SN	801	353	ES		1715	35.79	6.92							0.0
KOHI	SN	801	353	IAML		1715	38.00			127	0.3				
SHL	HZ	846	337	EP		1714	17.69	-2.24							1.0
SHL	HE	846	337	ES		1715	37.99	-0.56							1.0
SHL	HN	846	337	IAML		1715	42.30			82	0.2				
SHL	HE	846	337	IAML		1715	42.83			89	0.1				
MOKO	SZ	863	356	EP		1714	22.51	0.59							1.0
MOKO	SN	863	356	E		1715	49.55								
MOKO	SN	863	356	IAML		1715	51.76			123	0.8				
TURA	SZ	921	328	EP		1714	29.05	0.10							1.0
TURA	SE	921	328	ES		1715	55.02	0.87							1.0
ZIRO	SZ	1003	353	E		1714	31.99								
ZIRO	SE	1003	353	E		1716	13.51								
TAWA	SZ	1055	342	EP		1714	45.49	0.22							1.0
TAWA	SE	1055	342	ES		1716	21.13	-1.25							1.0
GTK	SZ	1178	327	EP		1715	1.45	1.06							1.0
GTK	SN	1178	327	E		1716	52.75								
RAGD	BZ	1230	275	ES		1716	58.78	-0.48							1.0
PTH	BZ	1944	312	EP		1716	33.99	0.68							0.7

July 5 2023 Hour: 19: 5 7.8 Lat: 23.55N Lon: 93.92E D: 77.7 Ag: NCS Regional
 Magnitudes: 4.1ML NCS Rms: 1.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMPI	HZ	63	264	EPg		19 5	22.25	0.06							1.0
CMPI	HN	63	264	ESg		19 5	32.42	-0.26							1.0
CMPI	HN	63	264	IAML		19 5	34.63			16086	0.4				
CMPI	HE	63	264	IAML		19 5	37.17			26726	0.4				
SAIH	SZ	152	219	EP		19 5	33.46	1.98							1.0
SAIH	SN	152	219	ES		19 5	44.85	-3.90							1.0
SAIH	SZ	152	219	IAML		19 5	57.89			2354	0.2				
SILR	SZ	177	320	EP		19 4	58.01	-36.3							0.0
SILR	SE	177	320	ES		19 5	42.72	-10.9							0.0
SILR	SE	177	320	IAML		19 6	2.91			1336	0.4				
SILR	SN	177	320	IAML		19 6	3.30			1280	0.3				
KOHI	SZ	241	4	EP		19 5	42.48	0.45							1.0
KOHI	SN	241	4	ES		19 6	6.98	-0.01							1.0
BELO	SZ	255	263	EP		19 5	44.84	1.26							1.0
BELO	SN	255	263	ES		19 6	10.11	0.43							1.0
AGT	SZ	276	278	EP		19 5	46.90	0.89							1.0
AGT	SN	276	278	ES		19 6	16.02	2.13							1.0
AGT	SN	276	278	IAML		19 6	16.38			506	0.5				
SHL	HZ	306	317	EP		19 5	50.57	0.68							1.0
SHL	HN	306	317	ES		19 6	18.50	-2.10							1.0
MOKO	SZ	313	11	EP		19 5	51.36	0.72							1.0
TURA	SZ	433	301	EP		19 6	5.16	-0.02							1.0
TURA	SN	433	301	ES		19 6	44.53	-2.51							1.0
ZIRO	SZ	440	359	EP		19 6	5.90	-0.10							1.0
ZIRO	SN	440	359	ES		19 6	47.36	-1.10							1.0
TAWA	SZ	493	336	EP		19 6	12.85	0.42							1.0
TAWA	SN	493	336	ES		19 6	59.19	-0.39							1.0
TAWA	SE	493	336	IAML		19 7	0.80			633	0.3				

GTK	SZ	679	309	EP	19 6	35.87	0.72										1.0
GTK	SN	679	309	ES	19 7	41.40	2.50										1.0
BWNR	BZ	913	248	EP	19 7	4.36	0.77										1.0
BWNR	BZ	913	248	I	19 7	14.98											
BWNR	BE	913	248	ES	19 8	28.19	0.10										1.0
BWNR	BN	913	248	IAML	19 8	31.22			97	0.1							
BWNR	BE	913	248	IAML	19 8	31.28			109	0.3							
PTH	BZ	1520	299	EP	19 8	14.84	-3.46										0.0
PTH	BZ	1520	299	I	19 8	18.11											
PTH	BN	1520	299	ES	1910	37.39	-11.8										0.0
SMLA	HZ	1856	301	EP	19 8	54.81	-2.06										1.0
SMLA	HN	1856	301	ES	1911	33.13	-29.1										0.0
DHRM	HZ	1981	303	EP	19 9	9.78	-0.66										1.0
DHRM	HN	1981	303	ES	1912	16.65	-12.6										0.0

July 5 2023 Hour: 20: 8 15.7 Lat: 16.77N Lon: 75.89E D: 5.0F Ag: NCS Local
 Magnitudes: 3.6ML NCS Rms: 1.1 secs
 Rms: 1.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SLPR	HZ	100	2	EPg		20 8	33.53	0.49							1.0
SLPR	HE	100	2	ESg		20 8	46.06	0.39							1.0
KLBG	HZ	118	59	EPg		20 8	35.20	-0.91							1.0
KLBG	HN	118	59	ESg		20 8	48.69	-2.30							1.0
ASIV	HN	155	18	EPg		20 8	42.61	-0.09							1.0
ASIV	HE	155	18	ESg		20 9	1.65	-0.73							1.0
BLRY	HZ	171	164	IPg	C	20 8	42.21	-3.20							0.0
BLRY	HN	171	164	ESg		20 9	0.58	-6.50							0.0
BLRY	HN	171	164	IAML		20 9	1.50			864	0.2				
BLRY	HE	171	164	IAML		20 9	2.14			1607	0.2				
AURD	HZ	179	38	EPg		20 8	46.45	-0.37							1.0
AURD	HN	179	38	ES		20 9	8.32	2.27							1.0
KAD	BZ	191	288	EP		20 8	46.36	0.13							1.0
KAD	BN	191	288	ES		20 9	7.65	-0.85							1.0
KAD	BE	191	288	IAML		20 9	8.65			293	0.5				
KAD	BN	191	288	IAML		20 9	8.74			401	0.4				
GOA	HZ	263	238	EP		20 8	56.01	1.08							1.0
GOA	HE	263	238	ES		20 9	23.56	0.02							1.0
GOA	HN	263	238	IAML		20 9	28.21			712	0.4				
GOA	HE	263	238	IAML		20 9	28.34			526	0.4				
HYB	HZ	292	75	EP		20 8	58.47	-0.15							1.0
HYB	HZ	292	75	I		20 9	4.76								
HYB	HN	292	75	ES		20 9	30.23	0.30							1.0
HYB	HN	292	75	IAML		20 9	38.99			502	0.3				
ATP	HZ	305	142	EP	*	20 9	3.40	3.33							0.0
ATP	HN	305	142	ES		20 9	36.38	0.61							1.0
MNGI	BZ	443	195	E		20 9	25.23								
MNGI	BE	443	195	E		2010	12.79								
MNGI	BE	443	195	IAML		2010	19.40			639	0.3				
MNGI	BN	443	195	IAML		2010	20.99			368	0.4				
KDGU	HZ	474	180	EP		20 9	20.72	-0.15							1.0
KDGU	HZ	474	180	I		20 9	30.04								
KDGU	HE	474	180	ES		2010	9.32	0.91							1.0
KDGU	HE	474	180	I		2010	21.74								
MYSR	HZ	488	171	EP		20 9	21.15	-1.35							1.0
MYSR	HZ	488	171	I		20 9	31.36								
MYSR	HE	488	171	ES		2010	9.88	-1.35							1.0
MYSR	HN	488	171	I		2010	23.60								
MYSR	HE	488	171	IAML		2010	26.74			116	0.7				
VJD	BZ	508	93	EP		20 9	25.85	0.95							1.0
VJD	BE	508	93	ES		2010	17.33	1.94							1.0
VJD	BN	508	93	IAML		2010	38.94			119	0.3				
VJD	BE	508	93	IAML		2010	39.34			107	0.3				
SALM	BZ	617	156	E		2010	5.35								
SALM	BN	617	156	E		2010	51.73								

MDRS HE 623 132 ES 2010 39.46-0.24 1.0

July 6 2023 Hour: 0:31 56.6 F Lat: 23.82S Lon: 67.79W D:170.5F Ag: NCS Distant
 Magnitudes: 6.2MW NCS Rms: 1.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ASIV	HZ			EP		051	22.61								
KDGU	HZ16001	102		EP		051	16.24	5.35							1.0
CHT	HZ16004	107		EP		051	16.61	5.66							1.0
UDPR	BZ16127	81		EP		051	18.82	6.08							1.0
UDPR	BZ16127	81		I		051	52.94								
BLRY	HZ16156	97		EP		051	19.95	6.23							1.0
SRGN	BZ16176	71		EP		051	20.18	6.70							1.0
SALM	BZ16186	105		EP		051	22.02	8.36							1.0
SRIN	BZ16230	64		EP		051	22.66	8.12							1.0
AJM	BZ16238	78		EP		051	22.31	7.83							1.0
AJM	BZ16238	78		I		051	55.42								
JMU	BZ16249	66		EP		051	23.22	8.61							1.0
JMU	BZ16249	66		IpP		051	56.63	2.76							1.0
JMU	BZ16249	66		IPP		054	43.68	4.21							1.0
UDMP	HZ16274	66		EP		051	23.45	8.39							1.0
KLBG	HZ16280	94		EP		051	22.85	7.81							1.0
THN	BZ16343	67		EP		051	23.66	7.59							1.0
KNL	HZ16347	98		EP		051	23.61	7.53							1.0
DHRM	HZ16392	67		EP		051	24.48	7.45							1.0
RTK	BZ16423	73		EP		051	24.94	7.76							1.0
RTK	BZ16423	73		I		051	59.98								
MDRS	HZ16448	104		EP		051	25.57	8.06							1.0
HYB	HZ16457	95		EP		051	25.56	7.85							1.0
BHK	BZ16461	69		EP		051	25.46	7.71							1.0
BHK	BZ16461	69		I		052	3.26								
UJWA	BZ16471	74		EP		051	24.98	7.10							1.0
UJWA	BZ16471	74		I		051	59.98								
SMLA	HZ16485	69		EP		051	25.78	7.36							1.0
SMLA	HZ16485	69		IPP		054	57.24	5.03							1.0
SONA	BZ16487	74		EP		051	25.46	7.35							1.0
SONA	BZ16487	74		I		052	5.67								
NRLA	BZ16489	73		EP		051	25.70	7.56							1.0
NRLA	BZ16489	73		I		051	59.98								
NPL	BZ16497	74		EP		051	25.86	7.60							1.0
NPL	BZ16497	74		I		052	6.10								
NDI	HZ16501	74		EP		051	25.90	7.58							1.0
NDI	HZ16501	74		I		052	4.06								
LDR	HZ16502	74		EP		051	25.34	7.02							1.0
JHNI	BZ16629	80		EP		051	26.85	6.70							1.0
MUKT	HZ16736	72		EP		051	29.47	7.47							1.0
LGTI	BZ16778	72		EP		051	35.19	12.71							0.0
LKN	BZ16862	77		EP		051	36.51	13.14							0.0
VISK	HZ16951	97		EP		051	38.81	14.26							0.0
SHL	HZ17960	80		I		051	40.48								
SHL	HZ17960	80		E		053	2.41								
SAIH	SZ18054	90		IP		051	44.61	7.40							1.0
SAIH	SZ18054	90		I		053	5.88								
SAIH	SZ18054	90		E		056	11.41								
IMP	SZ18171	83		IP		051	45.14	6.96							1.0
IMP	SZ18171	83		IsP		053	11.93								
IMP	SZ18171	83		E		056	20.87								
KOHI	SZ18185	80		IP	D	051	45.14	6.74							1.0
KOHI	SZ18185	80		I		053	11.57								
KOHI	SZ18185	80		E		056	20.97								
MOKO	SZ18221	77		IP		051	45.85	7.15							1.0
MOKO	SZ18221	77		I		053	12.64								

July 6 2023 Hour: 1:10 3.2 Lat: 36.59N Lon: 70.66E D:150.0F 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
SRIN	BN	471	126	ES		111	53.38	0.84							1.0
JMU	BZ	570	137	EP		111	18.25	0.30							1.0
JMU	BN	570	137	ES		112	13.10	0.56							1.0
JMU	BE	570	137	IAML		112	19.85			157	0.2				
JMU	BN	570	137	IAML		112	22.01			190	0.6				
UDMP	HZ	578	134	EP		111	20.41	1.51							1.0
UDMP	HN	578	134	ES		112	14.96	0.77							1.0
THN	BZ	660	133	EP		111	28.50	-0.14							1.0
THN	BE	660	133	ES		112	30.98	-0.06							1.0
DHRM	HZ	708	131	EP		111	34.43	-0.18							1.0
SDNR	BZ	805	132	EP		111	45.32	-0.67							1.0
SDNR	BN	805	132	ES		112	59.07	-1.99							1.0
BHK	BZ	818	133	EP		111	42.65	-4.84							0.0
BHK	BN	818	133	ES		112	56.78	-6.86							0.0
BHK	BN	818	133	IAML		112	58.88			77					
BHK	BE	818	133	IAML		113	1.05			74	0.4				
SMLA	HZ	854	133	EP		111	51.07	-1.01							1.0
AJM	BZ	1188	160	EP		112	32.07	0.07							1.0

July 6 2023 Hour: 12:39 23.8 Lat: 32.75N Lon: 76.62E D: 5.0F Ag: NCS Local
 Magnitudes: 3.7ML NCS Rms: 1.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THN	BZ	84	246	EPg		1239	35.60	-1.80							1.0
THN	BN	84	246	ESg		1239	45.30	-1.92							1.0
SDNR	BZ	137	168	EPg		1239	43.27	-2.72							1.0
SDNR	BN	137	168	ESg		1240	2.51	0.43							1.0
UDMP	HZ	141	278	EPg		1239	44.99	-1.59							1.0
UDMP	HE	141	278	ESg		1240	3.59	0.42							1.0
BHK	BZ	152	189	EP	*	1239	45.32	-2.30							0.0
BHK	BN	152	189	ES		1240	4.21	1.51							1.0
BHK	BE	152	189	IAML		1240	7.01			1635	0.2				
BHK	BN	152	189	IAML		1240	7.93			1146	0.5				
JMU	BZ	168	272	EP		1239	48.79	-0.73							1.0
JMU	BN	168	272	ES		1240	11.61	3.29							1.0
JMU	BN	168	272	IAML		1240	12.67			1017	0.6				
ALCI	BZ	170	18	EPg		1239	50.53	-0.98							1.0
ALCI	BN	170	18	ESg		1240	11.46	0.11							1.0
ALCI	BE	170	18	IAML		1240	15.02			933	0.2				
ALCI	BN	170	18	IAML		1240	15.40			619	0.6				
SRIN	BN	222	311	ES		1240	22.62	2.61							1.0
SRIN	BE	222	311	IAML		1240	32.32			2334	0.3				
SRIN	BN	222	311	IAML		1240	37.34			1297	0.2				
MUKT	HZ	466	141	EP		1240	26.14	-0.68							1.0
MUKT	HE	466	141	ES		1241	14.81	2.61							1.0
PTH	BZ	490	135	EP		1240	27.78	-2.21							1.0
PTH	BN	490	135	ES		1241	18.98	1.77							1.0
AJM	BZ	727	196	EP		1240	57.51	-0.59							1.0
AJM	BE	727	196	ES		1242	8.84	2.00							1.0

July 6 2023 Hour: 17:13 23.2 Lat: 7.14S Lon: 129.62E D:173.7 Ag: NCS Distant
 Magnitudes: 5.6Mb NCS Rms: 1.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AURD	HZ			EP		1722	54.89								
SAIH	SZ	5165	310	EP		1721	32.47	-0.07							1.0
CMPI	HZ	5204	312	EP		1721	35.31	0.05							1.0
KOHI	SZ	5289	315	EP		1721	40.23	-0.95							1.0
MOKO	SZ	5299	316	EP		1721	41.63	-0.25							1.0

SILR	SZ	5330	313	EP	1721	44.74	0.97									1.0
BELO	SZ	5343	310	EP	1721	45.89	1.18									1.0
BELO	SZ	5343	310	I Amb	1721	47.89		151	0.7							
BELO	SZ	5343	310	I	1722	9.11										
SHL	HZ	5458	313	EP	1721	51.47	-1.38									1.0
TURA	SZ	5588	312	EP	1722	1.27	-0.21									1.0
TURA	SZ	5588	312	I	1723	20.59										
TAWA	SZ	5593	315	EP	1722	2.76	0.98									1.0
TAWA	SZ	5593	315	I Amb	1722	5.57		89	0.3							
BWNR	BZ	5671	303	EP	1722	7.75	0.77									1.0
BWNR	BZ	5671	303	I Amb	1722	9.07		50	0.5							
GTK	SZ	5835	313	EP	1722	18.16	0.02									1.0
GTK	SZ	5835	313	I Amb	1722	20.40		87	0.9							
RAGD	BZ	5843	301	EP	1722	18.77	0.35									1.0
RAGD	BZ	5843	301	I Amb	1722	20.68		77	1.2							
KNKR	BZ	5899	296	E	1722	33.74										
RAIP	HZ	6106	302	EP	1722	35.35	-0.27									1.0
HYB	HZ	6238	296	EP	1722	46.48	2.40									1.0
MYSR	HZ	6254	290	EP	1722	44.77	-0.42									1.0
KDGU	HZ	6326	290	EP	1722	49.44	-0.31									1.0
KDGU	HZ	6326	290	I Amb	1722	52.17		52	0.5							
CNWR	HZ	6401	302	EP	1722	53.89	-0.56									1.0
JHNI	BZ	6592	305	EP	1723	5.47	-0.81									1.0
PTH	BZ	6666	310	EP	1723	10.18	-0.88									1.0
GWAL	HZ	6666	306	EP	1723	9.94	-0.87									1.0
MUKT	HZ	6706	310	EP	1723	12.35	-1.24									1.0
SONA	BZ	6867	307	EP	1723	22.25	-0.79									1.0
AYAN	BZ	6873	308	EP	1723	22.08	-1.34									1.0
AYAN	BZ	6873	308	I Amb	1723	25.05		93	0.8							
NDI	HZ	6876	308	EP	1723	22.53	-1.06									1.0
NPL	BZ	6878	308	EP	1723	22.69	-0.96									1.0
AJM	BZ	6999	304	EP	1723	30.69	-0.26									1.0
AJM	BZ	6999	304	I Amb	1723	31.90		89	0.8							
UDPR	BZ	7003	302	EP	1723	31.01	-0.17									1.0
SMLA	HZ	7005	310	EP	1723	31.79	0.23									1.0
SMLA	HN	7005	310	ES	1731	48.53	0.01									1.0
BHK	BZ	7038	310	EP	1723	36.61	3.39									1.0
SDNR	BZ	7048	310	EP	1723	34.30	0.41									1.0
SDNR	BZ	7048	310	I Amb	1723	42.82		114	1.2							
DHRM	HZ	7135	311	EP	1723	39.05	-0.15									1.0
THN	BZ	7187	311	EP	1723	42.01	0.01									1.0
UDMP	HZ	7268	311	EP	1723	47.54	0.83									1.0
JMU	BZ	7285	311	EP	1723	49.06	1.38									1.0

July 6 2023 Hour: 21:22 17.3 Lat: 32.40N Lon: 76.49E D: 5.0F Ag: NCS Local
Magnitudes: 3.2ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DHRM	HZ	24	226	EPg		2122	20.65	-0.80							1.0
DHRM	HE	24	226	ESg		2122	24.41	-0.07							1.0
DHRM	HE	24	226	IAML		2122	25.92			2345	0.6				
DHRM	HN	24	226	IAML		2122	26.82			1577	0.4				
THN	BZ	65	274	EPg		2122	29.54	1.09							1.0
THN	BN	65	274	ESg		2122	37.18	0.59							1.0
SDNR	BZ	104	158	EPg		2122	35.15	-0.14							1.0
SDNR	BN	104	158	ESg		2122	50.19	1.76							1.0
UDMP	HZ	140	294	EPg		2122	41.60	0.07							1.0
UDMP	HE	140	294	ESg		2122	58.67	-0.56							1.0
SMLA	HZ	155	155	EPg		2122	43.17	-0.92							1.0
SMLA	HN	155	155	ESg		2123	2.39	-1.26							1.0
SMLA	HN	155	155	IAML		2123	4.78			544	0.4				
SMLA	HE	155	155	IAML		2123	4.99			754	0.3				
JMU	BZ	161	286	EPg		2122	44.60	-0.59							1.0
JMU	BN	161	286	ESg		2123	5.76	0.20							1.0

JMU	BE	161	286	IAML	2123	6.88		452	0.4	
JMU	BN	161	286	IAML	2123	7.06		370	0.6	
PTH	BZ	472	130	ES	2124	12.37	0.63			1.0

July 6 2023 Hour: 23:41 17.9 Lat: 30.88N Lon: 69.46E D: 10.0F Ag: NCS Local
Magnitudes: 3.9ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRGN	BZ	439	103	EP		2342	16.13	-2.39							1.0
SRGN	BN	439	103	ES		2343	2.72	-0.07							1.0
SRGN	BE	439	103	IAML		2343	24.93			1323	0.7				
JASL	BZ	461	162	EP		2342	20.92	-0.34							1.0
JASL	BN	461	162	ES		2343	7.56	0.04							1.0
BKNR	BZ	475	128	EP		2342	33.24	10.30							0.0
BKNR	BE	475	128	ES		2343	11.39	0.95							1.0
JMU	BZ	551	66	EP		2342	32.54	0.34							1.0
JMU	BZ	551	66	I		2342	51.04								
JMU	BN	551	66	ES		2343	26.56	0.10							1.0
JMU	BE	551	66	IAML		2344	1.52			293	1.2				
JMU	BN	551	66	IAML		2344	3.19			277	0.5				
UDMP	HZ	581	66	EP		2342	35.34	-0.68							1.0
UDMP	HZ	581	66	I		2342	54.55								
UDMP	HE	581	66	ES		2343	34.74	1.67							1.0
UDMP	HE	581	66	E		2343	57.71								
JODH	HZ	621	145	EP		2342	40.30	-0.51							1.0
JODH	HZ	621	145	I		2342	57.61								
JODH	HE	621	145	ES		2343	42.03	0.68							1.0
THN	BZ	626	72	EP		2342	41.07	-0.40							1.0
THN	BE	626	72	ES		2343	43.25	0.75							1.0
DHRM	HZ	668	75	EP		2342	47.68	0.99							1.0
DHRM	HN	668	75	ES		2343	52.52	1.00							1.0
DHRM	HE	668	75	IAML		2344	34.52			327	0.8				
DHRM	HN	668	75	IAML		2344	35.87			307	1.0				
AJM	BZ	707	133	EP		2342	57.96	6.68							0.0
AJM	BZ	707	133	I		2343	12.95								
AJM	BN	707	133	ES		2343	55.67	-3.80							0.0
SDNR	BZ	713	82	EP		2342	52.31	0.16							1.0
SDNR	BN	713	82	ES		2344	0.76	-0.21							1.0
SDNR	BN	713	82	IAML		2344	47.65			81	1.0				
SDNR	BE	713	82	IAML		2344	47.92			52	0.5				
BHK	BZ	716	84	EP	*	2342	45.74	-6.62							0.0
BHK	BN	716	84	ES		2343	53.02	-1.70							1.0
SMLA	HZ	737	86	EP		2342	55.28	0.13							1.0
SMLA	HN	737	86	ES		2344	5.83	-0.34							1.0
SMLA	HN	737	86	IAML		2344	48.66			158	0.8				
SMLA	HE	737	86	IAML		2344	49.49			163	0.6				
AYAN	BZ	788	108	EP		2343	0.29	-0.94							1.0
AYAN	BN	788	108	E		2344	12.96								
UDPR	BZ	814	148	EP		2343	6.47	2.02							1.0
UDPR	BN	814	148	ES		2344	22.08	-0.17							1.0
UDPR	BE	814	148	IAML		2345	7.54			41	0.3				
UDPR	BN	814	148	IAML		2345	15.86			36	0.8				
DDI	HE	827	92	IAML		2345	24.16			306	1.0				
LGTI	BZ	1037	96	EP		2343	31.52	-0.23							1.0
LGTI	BN	1037	96	ES		2344	59.59	-9.88							0.0
PTH	BZ	1044	95	EP		2343	31.42	-1.18							1.0
PTH	BN	1044	95	ES		2345	9.59	-1.37							1.0

July 7 2023 Hour: 5:20 56.9 Lat: 31.37N Lon: 78.20E D: 5.0F Ag: NCS Local
 Magnitudes: 3.5ML NCS Rms: 1.1 secs
 Rms: 1.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UTK	BZ	74	161	EPg	*	521	7.38	-2.41							0.0
UTK	BN	74	161	ESg		521	15.99	-0.82							1.0
UTK	BE	74	161	IAML		521	18.30			901	0.1				
UTK	BN	74	161	IAML		521	19.06			1073	0.3				
SMLA	HZ	102	255	EP		521	13.27	-1.24							1.0
SMLA	HZ	102	255	I		521	16.68								
SMLA	HN	102	255	ES		521	26.70	-0.69							1.0
SMLA	HN	102	255	IAML		521	34.19			721	0.1				
SMLA	HE	102	255	IAML		521	34.24			728	0.2				
DDI	HZ	116	187	EP		521	17.13	0.09							1.0
DDI	HZ	116	187	I		521	32.04								
DDI	HN	116	187	ES		521	32.53	0.77							1.0
DDI	HN	116	187	IAML		521	38.42			969	0.5				
DDI	HE	116	187	IAML		521	38.60			993	0.2				
BHK	BZ	120	272	E		521	25.30								
BHK	BN	120	272	E		521	48.99								
BHK	BN	120	272	IAML		521	50.56			2424	0.3				
BHK	BE	120	272	IAML		521	50.72			1984	0.2				
SDNR	BZ	124	279	EP		521	16.52	-1.86							1.0
SDNR	BE	124	279	ES		521	34.86	0.78							1.0
SDNR	BE	124	279	IAML		521	37.69			1401	0.2				
SDNR	BN	124	279	IAML		521	37.79			2521	0.2				
DHRM	HZ	204	299	EP		521	29.27	-0.43							1.0
DHRM	HN	204	299	ES		521	55.12	1.46							1.0
DHRM	HN	204	299	IAML		521	56.97			2248	0.3				
DHRM	HE	204	299	IAML		521	57.14			5390	0.3				
MUKT	HZ	254	146	EP		521	34.31	-1.47							1.0
MUKT	HN	254	146	ES		522	4.34	1.15							1.0
MUKT	HE	254	146	IAML		522	7.43			453	0.6				
MUKT	HN	254	146	IAML		522	9.00			196	0.3				
THN	BZ	256	298	EP		521	35.83	-0.03							1.0
THN	BZ	256	298	I		521	39.88								
THN	BN	256	298	E		522	9.87								
PTH	BZ	276	135	E		521	31.16								
PTH	BZ	276	135	I		521	39.06								
PTH	BN	276	135	ES		522	10.71	1.97							1.0
PTH	BE	276	135	IAML		522	13.40			245	0.2				
LGTI	BZ	284	140	EP		521	37.42	-2.03							1.0
LGTI	BE	284	140	ES		522	10.37	-0.17							1.0
LGTI	BE	284	140	IAML		522	16.05			101	0.2				
NDI	HZ	312	198	EP		521	42.26	-0.43							1.0
NDI	HN	312	198	ES		522	15.53	-0.61							1.0
ALCI	BZ	330	344	EP		521	48.18	2.99							0.0
ALCI	BE	330	344	ES		522	25.48	2.03							1.0
ALCI	BE	330	344	IAML		522	28.71			175	0.4				
AYAN	BN	336	198	ES		522	22.30	1.12							1.0
UDMP	HZ	337	301	EP		521	45.52	-0.25							1.0
UDMP	HZ	337	301	I		521	51.00								
UDMP	HE	337	301	ES		522	22.64	1.16							1.0
UDMP	HN	337	301	I		522	29.56								
KUDL	HZ	394	205	EP		521	52.12	-0.57							1.0
KUDL	HE	394	205	ES		522	33.98	0.54							1.0
AJM	BE	649	213	ES		523	28.05	0.75							1.0

July 7 2023 Hour: 17:10 47.0 Lat: 37.69N Lon: 73.34E D: 10.0F Ag: NCS Local
 Magnitudes: 3.6ML NCS Rms: 1.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	554	162	EP		1712	2.96	1.16							1.0
UDMP	HE	554	162	ES		1712	57.34	0.91							1.0
JMU	BZ	561	166	EP		1712	4.74	2.12							0.0
JMU	BN	561	166	ES		1712	55.45	-2.39							0.0
THN	BZ	624	158	EP		1712	10.72	0.39							1.0
THN	BN	624	158	ES		1713	12.25	1.07							1.0
SDNR	BZ	757	153	EP		1712	27.68	1.05							1.0
SDNR	BE	757	153	ES		1713	39.07	-0.30							1.0
SDNR	BE	757	153	IAML		1713	43.76			36	0.6				
SDNR	BN	757	153	IAML		1713	44.74			56	0.4				
BHK	BZ	772	154	EP		1712	27.37	-1.02							1.0
BHK	BN	772	154	ES		1713	42.90	0.48							1.0
SMLA	HZ	808	153	EP		1712	33.04	0.04							1.0
SMLA	HN	808	153	ES		1713	50.49	0.09							1.0
SMLA	HN	808	153	IAML		1713	56.97			66	0.3				
SMLA	HE	808	153	IAML		1713	57.38			143	0.6				
AYAN	BZ	1080	160	E		1713	8.14								
AYAN	BN	1080	160	ES		1714	44.34	-3.10							1.0
MUKT	HZ	1084	146	EP		1713	5.57	-1.13							1.0
MUKT	HN	1084	146	ES		1714	48.88	0.18							1.0
MUKT	HN	1084	146	IAML		1715	3.50			31	0.6				
MUKT	HE	1084	146	IAML		1715	3.56			14	0.2				
MUKT	HE	1084	146	IAML		1715	15.49			18	0.7				
MUKT	HE	1084	146	IAML		1715	28.15			20	0.8				
PTH	BZ	1101	143	EP		1713	8.12	-0.51							1.0
PTH	BN	1101	143	ES		1714	52.73	0.68							1.0

July 7 2023 Hour: 18:44 8.6 Lat: 24.83N Lon: 94.53E D: 17.4 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
KOHI	SZ	108	337	EPg		1844	28.04	0.49							1.0
KOHI	SN	108	337	ESg		1844	41.66	0.30							1.0
MOKO	SZ	166	360	EP		1844	36.40	1.22							1.0
MOKO	SN	166	360	ES		1844	55.75	1.20							1.0
SILR	SZ	174	269	EP		1844	36.36	0.27							1.0
SILR	SE	174	269	ES		1844	56.37	0.23							1.0
CMPI	HZ	192	220	IP		1844	38.73	0.26							1.0
CMPI	HN	192	220	IS		1845	0.74	0.49							1.0
AZL	SZ	222	238	EP		*1844	40.83	-1.20							0.0
AZL	SE	222	238	ES		1845	6.78	1.57							1.0
AZL	SE	222	238	IAML		1845	12.93			226	0.4				
AZL	SN	222	238	IAML		1845	14.64			184	0.4				
SAIH	SZ	303	212	EP		1844	51.06	-0.84							1.0
ZIRO	SZ	307	347	EP		1844	51.14	-1.13							1.0
ZIRO	SN	307	347	ES		1845	23.24	-0.88							1.0
ZIRO	SE	307	347	IAML		1845	36.61			339	0.7				
ZIRO	SN	307	347	IAML		1845	36.76			440	0.2				
AGT	SN	349	253	ES		1845	33.05	0.10							1.0
AGT	SN	349	253	IAML		1845	35.01			176	0.3				
TAWA	SZ	406	320	EP		1845	4.24	-0.14							1.0
TAWA	SN	406	320	ES		1845	44.19	-0.89							1.0
TURA	SZ	441	281	EP		1845	7.57	-1.06							1.0
TURA	SN	441	281	ES		1845	47.88	-4.54							0.0
TURA	SN	441	281	IAML		1845	52.82			250	0.3				
TURA	SE	441	281	IAML		1845	53.05			193	0.2				
GTK	SZ	654	296	EP		1845	35.53	0.71							1.0
GTK	SE	654	296	ES		1846	37.41	-0.32							1.0

July 7 2023 Hour: 18:59 45.4 Lat: 24.71N Lon: 92.07E D: 5.0F Ag: NCS Local
Magnitudes: 2.4ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHL	HZ	97	347	EPG		19	0	2.17-0.02							1.0
SHL	HE	97	347	ESG		19	0	14.32-0.14							1.0
SHL	HE	97	347	IAML		19	0	17.89		146	0.1				
AGT	SN	124	223	ES		19	0	22.72 0.14							1.0
AZL	SZ	125	150	EPG		19	0	7.29 0.29							1.0
AZL	SN	125	150	ESG		19	0	21.67-1.11							1.0
CMPI	HZ	184	137	EP		19	0	15.16-0.59							1.0
CMPI	HN	184	137	ES		19	0	39.37 1.44							1.0
CMPI	HN	184	137	IAML		19	0	40.25		23	0.3				
CMPI	HE	184	137	IAML		19	0	40.50		24	0.3				
TURA	SZ	207	296	EP		19	0	22.77 4.43							0.0
TURA	SN	207	296	ES		19	0	37.77-4.63							0.0
TURA	SE	207	296	IAML		19	0	41.32		143	0.1				
KOHI	SN	233	61	E		19	0	52.56							
KOHI	SE	233	61	IAML		19	1	3.72		11	0.4				

July 7 2023 Hour: 19:32 7.3 Lat: 36.51N Lon: 71.26E D:217.2 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
SRIN	BN	422	129	ES		1933	51.17	-0.47							1.0
SRIN	BN	422	129	IAML		1933	53.79			681	0.3				
SRIN	BE	422	129	IAML		1933	54.79			920	0.3				
JMU	BZ	528	141	EP		1933	19.83	0.61							1.0
JMU	BN	528	141	ES		1934	12.11	0.37							1.0
UDMP	HZ	533	137	EP		1933	20.24	0.31							1.0
UDMP	HN	533	137	ES		1934	12.24	-0.72							1.0
THN	BZ	615	136	EP		1933	28.97	-0.28							1.0
THN	BN	615	136	ES		1934	28.86	-0.23							1.0
DHRM	HZ	662	134	IP		1933	35.19	0.24							1.0
DHRM	HN	662	134	ES		1934	39.69	0.75							1.0
DHRM	HN	662	134	IAML		1934	42.61			578	0.2				
DHRM	HE	662	134	IAML		1934	42.84			362	0.3				
SDNR	BZ	759	135	EP		1933	47.21	1.07							1.0
SDNR	BN	759	135	ES		1934	57.77	-0.53							1.0
BHK	BZ	773	136	EP		1933	44.94	-2.70							0.0
BHK	BN	773	136	ES		1934	54.58	-6.31							0.0
SMLA	HZ	809	136	EP		1933	52.11	-0.06							1.0
SMLA	HN	809	136	ES		1935	8.98	0.25							1.0
SMLA	HN	809	136	IAML		1935	12.63			216	0.3				
SMLA	HE	809	136	IAML		1935	12.84			138	0.1				
JOSI	BN	1014	128	ES		1935	51.59	0.94							1.0
JOSI	BN	1014	128	IAML		1936	1.90			96	0.7				
AYAN	BE	1047	147	ES		1935	58.25	1.30							1.0
JASL	BZ	1064	182	EP		1934	21.16	-0.92							1.0
JASL	BE	1064	182	ES		1936	0.75	0.27							1.0
MUKT	HZ	1107	133	EP		1934	27.33	-0.12							1.0
MUKT	HN	1107	133	ES		1936	10.19	0.42							1.0
MUKT	HE	1107	133	IAML		1936	15.61			59	0.5				
MUKT	HN	1107	133	IAML		1936	16.54			57	0.4				
PTH	BZ	1134	130	EP		1934	31.24	0.67							1.0
PTH	BN	1134	130	ES		1936	13.67	-1.50							1.0
PTH	BN	1134	130	IAML		1936	20.08			24	0.6				
PTH	BE	1134	130	IAML		1936	20.16			20	0.2				
LGTI	BZ	1141	131	EP		1934	31.09	-0.35							1.0
LGTI	BE	1141	131	ES		1936	15.46	-1.21							1.0
AJM	BZ	1163	163	EP		1934	33.08	-0.85							1.0
AJM	BE	1163	163	ES		1936	21.03	0.06							1.0

July 8 2023 Hour: 11:32 13.9 Lat: 36.62N Lon: 71.83E D:206.2 Ag: NCS Local
 Magnitudes: 3.6ML NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	507	146	EP		1133	22.89	-0.08							1.0
JMU	BE	507	146	ES		1134	13.64	0.22							1.0
THN	BZ	590	141	EP		1133	31.77	-0.77							1.0
THN	BE	590	141	ES		1134	29.86	-0.11							1.0
DHRM	HZ	636	138	EP		1133	37.91	-0.15							1.0
DHRM	HN	636	138	ES		1134	39.93	0.41							1.0
DHRM	HE	636	138	IAML		1134	44.51			86	0.2				
DHRM	HN	636	138	IAML		1134	44.61			109	0.2				
SDNR	BZ	733	139	EP		1133	50.47	1.14							1.0
SDNR	BN	733	139	ES		1134	58.55	-0.47							1.0
BHK	BN	747	139	ES		1134	56.53	-5.17							0.0
SMLA	HZ	784	139	EP		1133	55.28	-0.15							1.0
SMLA	HN	784	139	ES		1135	9.53	-0.05							1.0
SMLA	HE	784	139	IAML		1135	14.40			38	0.2				
SMLA	HN	784	139	IAML		1135	14.43			46	0.2				

July 8 2023 Hour: 19:47 12.9 Lat: 22.12N Lon: 121.95E D: 10.0F Ag: NCS Distant
 Magnitudes: 5.7Mb NCS Rms: 1.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHL	HZ	3070	283	EP		1953	0.88	-0.12							1.0
SHL	HZ	3070	283	IAmb		1953	4.97			41	0.8				
AGT	SZ	3148	280	EP		1953	6.86	0.10							1.0
AGT	SZ	3148	280	E		20 3	51.81								
AGT	SZ	3148	280	I		20 6	43.19								
BOKR	HZ	3694	280	EP		1953	50.22	0.12							1.0
BOKR	HZ	3694	280	IAmb		1953	56.31			60	1.1				
BOKR	HZ	3694	280	I		1954	14.81								
STM	BZ	3743	285	EP		1953	54.95	1.17							1.0
VLK	BZ	3877	287	EP		1954	4.44	0.19							1.0
VLK	BZ	3877	287	IAmb		1954	6.30			167	1.1				
GKPR	BZ	3926	285	EP		1954	41.73	33.69							0.0
GKPR	BZ	3926	285	I		20 9	58.49								
HRYA	BZ	4021	285	EP		1954	15.40	0.08							1.0
LKN	BZ	4178	286	EP		1954	26.88	-0.50							1.0
BNDA	BZ	4242	283	EP		1954	33.12	0.86							1.0
BNDA	BZ	4242	283	I		1954	55.62								
PTH	BZ	4244	290	EP		1954	32.09	-0.90							1.0
PTH	BZ	4244	290	IAmb		1954	36.99			117	0.8				
LGTI	BZ	4255	290	EP		1954	32.97	-0.99							1.0
MUKT	HZ	4297	290	EP		1954	36.28	-0.44							1.0
JBPL	HZ	4305	280	EP		1954	36.64	-0.33							1.0
JOSI	BZ	4310	292	EP		1954	39.43	1.95							1.0
JHNI	BZ	4414	284	EP		1954	43.90	-1.29							1.0
CNWR	HZ	4424	278	EP		1954	44.96	-1.09							1.0
GWAL	HZ	4449	285	EP		1954	47.49	-0.37							1.0
DDI	HZ	4453	291	EP		1954	49.64	1.56							1.0
DDI	HZ	4453	291	IAmb		1954	52.13			133	0.6				
BISR	BZ	4513	289	EP		1954	54.57	1.95							1.0
BISR	BZ	4513	289	I		2012	3.12								
MDRS	HZ	4533	264	EP		1954	54.98	0.88							1.0
LDR	HZ	4535	289	EP		1954	52.63	-1.52							1.0
NDI	HZ	4536	289	EP		1954	52.03	-2.18							1.0
NDI	HZ	4536	289	IAmb		1954	57.49			77	1.1				
SMLA	HZ	4540	292	EP		1954	55.13	0.36							1.0
SMLA	HZ	4540	292	IAmb		1954	56.51			195	1.1				
NPL	BZ	4540	289	EP		1954	52.95	-1.57							1.0
SMLA	HN	4540	292	IS	C	20 1	7.08	0.24							1.0
NRLA	BZ	4547	289	EP		1954	52.53	-2.47							1.0

SDNR	BZ	4566	293	EP	1954	56.69	0.17										1.0
SDNR	BZ	4566	293	IAmb	1954	57.73			40	0.7							
CGRH	BZ	4581	292	EP	1954	59.01	1.43										1.0
CGRH	BZ	4581	292	IAmb	1955	0.17			529	0.9							
JHJR	BZ	4591	289	EP	1954	57.16	-1.18										1.0
RTK	BZ	4612	289	EP	1954	59.49	-0.43										1.0
RTK	BZ	4612	289	IAmb	1955	3.75			1037	0.2							
BHK	BZ	4616	293	EP	1955	0.53	0.39										1.0
BHK	BZ	4616	293	IAmb	1955	2.36			607	1.6							
DHRM	HZ	4626	294	EP	1955	0.70	-0.93										1.0
DHRM	HZ	4626	294	IAmb	1955	2.70			120	0.9							
THN	BZ	4674	294	EP	1955	5.06	0.60										1.0
JPR	HZ	4682	286	EP	1955	5.39	0.33										1.0
AURD	HZ	4715	273	EP	1955	6.84	-0.71										1.0
INDR	HZ	4724	280	EP	1955	8.47	0.31										1.0
INDR	HZ	4724	280	IAmb	1955	11.46			95	1.4							
UDMP	HZ	4740	295	EP	1955	10.28	1.03										1.0
UDMP	HZ	4740	295	IAmb	1955	10.77			1469	1.6							
KLBG	HZ	4743	272	EP	1955	9.19	-0.35										1.0
CHUR	HZ	4757	288	EP	1955	9.62	-0.94										1.0
JMU	BZ	4767	295	EP	1955	11.82	0.64										1.0
ASIV	HZ	4773	273	EP	1955	11.18	-0.64										1.0
SRGN	BZ	4855	291	EP	1955	17.86	0.21										1.0
UDPR	BZ	4916	283	EP	1955	24.56	2.48										1.0
MYSR	HZ	4924	265	EP	1955	22.03	-0.70										1.0
BKNR	BZ	4924	288	EP	1955	22.89	0.27										1.0
BKNR	BZ	4924	288	IAmb	1955	23.87			54	0.3							
BKNR	BZ	4924	288	I	1957	7.05											
CHT	HZ	4958	261	EP	1955	26.01	0.86										1.0
KDGU	HZ	4990	266	EP	1955	27.64	0.11										1.0
KAD	BZ	5017	273	EP	1955	29.12	-0.23										1.0
PALG	HZ	5080	277	EP	1955	35.78	1.96										1.0
JASL	BZ	5168	287	EP	1955	39.68	-0.36										1.0

July 9 2023 Hour: 0: 6 23.0 Lat: 7.12S Lon: 156.80E D: 24.7 Ag: NCS Distant
Magnitudes: 5.6Mb NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MOKO	SZ	7670	302	EP		017	25.77	-0.70							1.0
MOKO	SZ	7670	302	I		017	34.49								
IMP	SZ	7670	300	EP		017	25.77	-0.22							1.0
IMP	SZ	7670	300	IpP		017	33.56	-0.00							1.0
MOKO	SZ	7670	302	IAmb		017	27.28			43	1.1				
SAIH	SZ	7682	297	EP		017	26.76	0.02							1.0
KOHI	SZ	7686	301	EP		017	26.53	-0.91							1.0
KOHI	SZ	7686	301	IAmb		017	28.59			38	0.5				
KOHI	SZ	7686	301	I		017	34.72								
AZL	SZ	7753	298	EP		017	30.32	-0.33							1.0
AZL	SZ	7753	298	IAmb		017	38.88			25	1.1				
ZIRO	SZ	7777	303	IAmb		017	33.94			39	1.1				
ZIRO	SZ	7777	303	I		017	40.75								
SILR	SZ	7778	300	EP		017	32.63	0.67							1.0
SILR	SZ	7778	300	I		017	40.99								
TEZP	SZ	7843	301	EP		017	35.55	0.00							1.0
TEZP	SZ	7843	301	I		017	43.54								
SHL	HZ	7883	300	IP	C	017	38.51	0.25							1.0
SHL	HZ	7883	300	IAmb		017	46.96			48	0.9				
TAWA	SZ	7965	302	EP		017	43.77	0.87							1.0
TAWA	SZ	7965	302	I		017	53.52								
GTK	SZ	8263	301	EP		017	59.42	0.78							1.0
GTK	SZ	8263	301	I		018	7.67								
JBPL	HZ	8997	295	EP		018	35.54	0.63							1.0
CHT	HZ	9019	281	EP		018	36.36	0.36							1.0
ATP	HZ	9059	286	EP		018	37.51	-0.36							1.0

CNWR	HZ	9074	294	EP	018	38.25-0.38									1.0
MYSR	HZ	9134	284	EP	018	41.54	0.13								1.0
AURD	HZ	9200	289	EP	018	44.00-0.56									1.0
KDGU	HZ	9206	284	EP	018	45.23	0.34								1.0
SLPR	HZ	9297	289	EP	018	48.69-0.38									1.0
SMLA	HZ	9444	302	EP	018	55.76-0.22									1.0
SMLA	HZ	9444	302	I Amb	019	4.46				30	0.4				

July 9 2023 Hour: 11:36 8.1 Lat: 23.93N Lon: 94.60E D: 35.3 Ag: NCS Local
Magnitudes: 3.6ML NCS Rms: 1.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IMP	SZ	120	327	EPg		1136	28.74	0.52							1.0
IMP	SN	120	327	ESg		1136	43.75	0.85							1.0
CMPI	HZ	139	250	EP		1136	29.85	0.55							1.0
CMPI	HN	139	250	ES		1136	47.54	2.78							1.0
CMPI	HN	139	250	IAML		1136	48.22			946	0.4				
CMPI	HE	139	250	IAML		1136	48.80			638	0.3				
AZL	SZ	195	264	EP		1136	34.64-1.28								1.0
AZL	SN	195	264	ES		1136	56.81	0.59							1.0
KOHI	SN	205	346	ES		1137	1.27	2.21							1.0
SILR	SE	205	298	ES		1136	59.97	1.79							1.0
SAIH	SZ	229	226	EP		1136	38.89-1.18								1.0
SAIH	SN	229	226	ES		1137	3.35-0.05								1.0
MOKO	SZ	265	358	EP		1136	44.98	0.07							1.0
MOKO	SN	265	358	ES		1137	13.85	2.08							1.0
BELO	SN	330	257	ES		1137	25.26	0.69							1.0
TEZP	SZ	349	329	EP		1136	53.25-1.36								1.0
TEZP	SE	349	329	ES		1137	26.74-1.82								1.0
ZIRO	SZ	406	350	EP		1137	2.05	0.45							1.0
ZIRO	SN	406	350	ES		1137	39.47-1.19								1.0
ZIRO	SN	406	350	IAML		1137	43.56			361	0.5				
ZIRO	SE	406	350	IAML		1137	43.70			293	0.2				
TURA	SZ	476	293	EP		1137	9.72-0.47								1.0
TURA	SE	476	293	ES		1137	51.72-3.79								1.0
TAWA	SZ	490	327	EP		1137	11.68-0.85								1.0
TAWA	SN	490	327	ES		1137	58.98-0.58								1.0

July 9 2023 Hour: 14: 9 14.4 Lat: 6.55N Lon: 94.35E D: 42.4 Ag: NCS Regional
Magnitudes: 5.1Mb NCS Rms: 1.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DGPR	HZ	750	348	EP		1410	56.31	5.69							0.0
DGPR	HN	750	348	E		1412	22.38								
MDRS	HZ	1709	296	EP		1412	42.63-5.40								0.0
VISK	HZ	1721	317	E		1412	53.14								
VISK	HN	1721	317	ES		1415	39.07-1.20								1.0
SAIH	SZ	1770	355	EP		1412	56.95	1.75							1.0
BWNR	BZ	1774	330	EP	*	1413	0.39	4.82							0.0
BWNR	BN	1774	330	ES		1415	56.16-0.54								1.0
RAGD	BZ	1835	321	EP		1413	3.83	1.40							0.0
RAGD	BE	1835	321	E		1416	5.09								
VJD	BZ	1856	308	E		1413	9.96								
VJD	BN	1856	308	E		1416	6.32								
SALM	BZ	1867	289	EP		1413	5.25-0.91								1.0
SALM	BE	1867	289	E		1415	57.92								
CMPI	HZ	1879	357	EP		1413	8.74	1.06							1.0
CMPI	HZ	1879	357	I Amb		1413	12.14			149	0.6				
AZL	SZ	1911	355	EP		1413	11.41	0.34							1.0
CHT	HZ	1922	282	EP		1413	11.03-1.21								1.0
CHT	HZ	1922	282	I Amb		1413	12.70			13	0.7				
CHT	HN	1922	282	E		1416	11.44								
TRVM	HN	1931	278	E		1416	13.45								
IMP	SZ	2024	359	EP		1413	23.03-0.64								1.0

IMP	SE	2024	359	ES	1416	46.96	0.74			1.0
ATP	HZ	2033	297	EP	1413	24.70	0.20			1.0
ATP	HZ	2033	297	IAmb	1413	30.69		40	1.2	
ATP	HN	2033	297	E	1416	41.76				
KNL	HN	2051	301	ES	1416	47.48	-4.58			0.0
MYSR	HZ	2056	290	E	1413	28.42				
MYSR	HN	2056	290	E	1416	42.72				
KNKR	BZ	2057	319	E	1413	29.30				
KNKR	BN	2057	319	E	1417	1.13				
HYB	HZ	2097	306	EP	1413	32.07	1.15			1.0
HYB	HE	2097	306	ES	1417	0.10	-1.96			1.0
BOKR	HZ	2113	336	EP	1413	35.20	2.73			1.0
BOKR	HZ	2113	336	IAmb	1413	37.39		190	0.8	
BOKR	HN	2113	336	E	1417	12.72				
SHL	HZ	2120	353	E	C 1413	32.07				
KOHI	SZ	2122	359	EP	1413	32.62	-1.27			1.0
KDGU	HZ	2128	289	EP	1413	33.25	-0.70			1.0
KDGU	HN	2128	289	E	1416	56.34				
TURA	SZ	2145	349	EP	1413	34.64	-0.98			1.0
TURA	SN	2145	349	E	1417	21.52				
MOKO	SZ	2189	0	EP	1413	39.35	-1.01			1.0
MOKO	SE	2189	0	ES	1417	25.67	4.56			0.0
JMUI	BZ	2211	338	EP	1413	43.43	1.38			1.0
TEZP	SZ	2228	356	EP	1413	41.37	-2.32			1.0
MNGI	BN	2249	290	ES	1417	27.07	-4.00			0.0
AURD	HZ	2281	306	EP	1413	49.92	1.03			1.0
AURD	HN	2281	306	ES	1417	37.05	0.21			1.0
JPG	BZ	2293	346	EP	1413	51.45	1.43			1.0
NGP	BN	2310	316	EP	1413	53.68	1.95			1.0
ZIRO	SZ	2323	359	EP	1413	51.73	-1.26			1.0
ASIV	HZ	2336	305	EP	1413	55.42	1.14			1.0
ASIV	HN	2336	305	ES	1417	47.88	1.17			1.0
TAWA	SZ	2345	354	EP	1413	54.84	-0.90			1.0
GTK	SZ	2379	346	EP	1413	57.62	-1.24			1.0
GTK	SZ	2379	346	IAmb	1414	2.88		55	0.9	
CNWR	HZ	2385	318	EP	1414	1.18	2.14			1.0
CNWR	HZ	2385	318	IAmb	1414	3.76		241	0.3	
CNWR	HE	2385	318	E	1418	8.87				
JBPL	HZ	2404	322	EP	1414	3.62	2.88			1.0
JBPL	HN	2404	322	E	1418	11.88				
GKPR	BZ	2517	334	E	1414	45.19				
VLK	BZ	2562	336	EP	1414	17.06	1.13			1.0
HRYA	BZ	2570	332	EP	1414	17.32	0.72			1.0
INDR	HZ	2654	314	EP	1414	24.65	0.78			1.0
LKN	BZ	2654	329	EP	1414	25.47	1.63			1.0
JHNI	BZ	2681	323	EP	1414	25.44	-0.55			1.0
GWAL	HZ	2771	324	EP	1414	32.79	-0.64			1.0
LGTI	BZ	2940	331	EP	C 1414	46.66	-1.30			1.0
PTH	BZ	2951	332	EP	1414	47.83	-0.89			1.0
MUKT	HZ	2969	330	EP	1414	48.07	-1.80			1.0
UDPR	BZ	2972	314	EP	1414	50.19	0.43			1.0
AYAN	BZ	3031	325	EP	1414	53.45	-1.17			1.0
AYAN	BZ	3031	325	IAmb	1414	54.19		97	0.8	
NDI	HZ	3043	326	EP	1414	54.82	-0.71			1.0
SMLA	HZ	3258	329	EP	1415	12.04	-0.98			1.0
SMLA	HN	3258	329	E	1418	12.19				
JASL	BZ	3354	315	EP	1415	19.57	-0.82			1.0
JASL	BZ	3354	315	I	1415	40.33				
DHRM	HZ	3407	329	EP	1415	23.82	-1.49			1.0
THN	BZ	3453	329	EP	1415	28.21	-0.03			1.0

July 9 2023 Hour: 14:20 17.9 Ag: NCS Local
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 AZL SZ EP 1421 16.32
 KOHI SZ EP *1421 20.13
 TEZP SZ EP 1421 22.04
 SAIH SN ES 1424 53.35
 TEZP SE ES 1425 5.16
 KOHI SE ES 1425 4.55

July 9 2023 Hour: 18:40 5.9 Lat: 36.73N Lon: 71.21E D:186.0 Ag: NCS Local
 Magnitudes: 4.0ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	442	131	EP		1841	7.69	0.74							1.0
SRIN	BN	442	131	ES		1841	49.77	-1.77							1.0
SRIN	BN	442	131	IAML		1841	55.17			1022	0.3				
SRIN	BE	442	131	IAML		1841	55.17			758	0.2				
JMU	BZ	550	142	EP		1841	19.78	0.57							1.0
JMU	BN	550	142	ES		1842	14.05	1.31							1.0
UDMP	HZ	555	139	EP		1841	19.82	-0.03							1.0
UDMP	HN	555	139	ES		1842	14.23	0.37							1.0
DHRM	HZ	683	135	EP		1841	35.05	0.00							1.0
DHRM	HN	683	135	ES		1842	40.59	0.45							1.0
DHRM	HN	683	135	IAML		1842	46.32			228					
DHRM	HE	683	135	IAML		1842	48.62			371	0.1				
SDNR	BZ	780	136	EP		1841	46.40	-0.00							1.0
SDNR	BN	780	136	ES		1842	59.30	-0.49							1.0
SDNR	BN	780	136	IAML		1843	3.51			72	0.2				
BHK	BZ	794	137	EP		*1841	43.44	-4.49							0.0
BHK	BN	794	137	ES		1842	56.74	-1.20							1.0
BHK	BN	794	137	IAML		1842	57.99			99	0.5				
BHK	BE	794	137	IAML		1842	59.08			1257	0.2				
SMLA	HZ	830	137	EP		1841	51.73	-0.78							1.0
SMLA	HN	830	137	ES		1843	11.14	0.78							1.0
SMLA	HN	830	137	IAML		1843	20.88			110					
SMLA	HE	830	137	IAML		1843	24.33			161	0.1				
JOSI	BN	1033	129	E		1843	57.16								
AYAN	BN	1070	147	ES		1843	58.19	-1.18							1.0
MUKT	HZ	1127	133	EP		1842	26.66	-1.28							1.0
MUKT	HE	1127	133	ES		1844	12.71	1.06							1.0
MUKT	HE	1127	133	IAML		1844	20.63			37	0.3				
MUKT	HN	1127	133	IAML		1844	21.35			34	0.4				
PTH	BZ	1153	131	EP		1842	30.71	-0.29							1.0
PTH	BN	1153	131	ES		1844	17.46	0.53							1.0
PTH	BE	1153	131	IAML		1844	24.57			18	0.3				
PTH	BN	1153	131	IAML		1844	24.78			13	0.3				

July 9 2023 Hour: 22:50 42.4 Lat: 25.16N Lon: 93.03E D: 26.7 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
SILR	SZ	48	208	IPg	C	2250	51.32	-0.21							1.0
SILR	SN	48	208	ESg		2250	59.09	0.90							1.0
SILR	SN	48	208	IAML		2251	4.57			388	0.2				
SILR	SE	48	208	IAML		2251	4.69			534	0.2				
SHL	HZ	114	294	EPg		2251	2.43	0.50							1.0
SHL	HN	114	294	ESg		2251	15.46	-0.71							1.0
SHL	HE	114	294	IAML		2251	17.98			47	0.1				
KOHI	SZ	125	60	EPg		2251	3.75	0.06							1.0
KOHI	SN	125	60	ESg		2251	18.20	-1.02							1.0
AZL	SZ	161	192	EP		2251	5.63	-1.21							1.0
AZL	SN	161	192	ES		2251	23.14	-1.54							1.0
AZL	SN	161	192	IAML		2251	25.62			394	0.3				

AZL	SE	161	192	IAML	2251	25.95			633	0.2					
CMPI	HZ	187	171	EP	2251	10.40	0.25								1.0
CMPI	HN	187	171	ES	2251	31.02	0.63								1.0
MOKO	SZ	197	49	E	2251	5.17									
MOKO	SN	197	49	ES	2251	33.74	0.74								1.0
TAWA	SZ	293	337	EP	2251	23.71	0.08								1.0
TAWA	SN	293	337	ES	2251	54.03	0.31								1.0
SAIH	SZ	296	181	EP	2251	24.74	1.41								1.0
SAIH	SN	296	181	ES	2251	53.00	-0.19								1.0

July 10 2023 Hour: 0: 1 46.5 Lat: 12.75N Lon: 92.68E D: 10.0 Ag: NCS Local
Magnitudes: 3.2ML NCS Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DGPR	HZ	55	30	EPg		0 1	56.19	0.00							1.0
DGPR	HZ	55	30	I		0 1	56.33					210	0	7.5	
DGPR	HN	55	30	ESg		0 2	3.28	-0.00							1.0
DGPR	HE	55	30	IAML		0 2	5.45			1512	0.2				
DGPR	HN	55	30	IAML		0 2	5.96			957	0.2				

July 10 2023 Hour: 0: 8 51.9 Lat: 33.33N Lon: 75.86E D: 6.9 Ag: NCS Regional
Magnitudes: 4.9ML NCS 4.8Mb NCS Rms: 1.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ASIV	HN			ES		015	0.45								
AURD	HN			ES		015	2.40								
ASIV	HZ			EP		012	19.67								
AURD	HZ			EP		012	21.06								
UDMP	HN	83	236	EPg		0 9	5.38	-0.91							1.0
UDMP	HE	83	236	ESg		0 9	16.13	-0.65							1.0
THN	BZ	99	183	EPg		0 9	9.46	0.32							1.0
THN	BN	99	183	ESg		0 9	22.38	0.66							1.0
JMU	BZ	114	238	EPg		0 9	11.81	0.27							1.0
JMU	BN	114	238	ESg		0 9	26.01	0.21							1.0
JMU	BE	114	238	IAML		0 9	32.94			10710	0.3				
SRIN	BZ	126	309	E		0 9	14.15								
SRIN	BZ	126	309	EP		0 9	14.18	0.56							1.0
SRIN	BN	126	309	ESg		0 9	30.11	0.46							1.0
SRIN	BN	126	309	IAML		0 9	44.31			14871	0.5				
DHRM	HZ	128	161	EPg		0 9	14.91	0.84							1.0
DHRM	HN	128	161	ESg		0 9	31.11	0.86							1.0
DHRM	HE	128	161	IAML		0 9	35.63			23202	0.2				
DHRM	HN	128	161	IAML		0 9	36.11			23983	0.6				
AMRT	HZ	207	206	EP		0 9	25.58	0.87							1.0
SDNR	BZ	223	153	EPg		0 9	28.62	-1.92							1.0
SDNR	BN	223	153	ES		0 9	52.10	-0.01							1.0
BHK	BZ	238	154	EP		0 9	27.52	-0.94							1.0
SMLA	HZ	274	153	EP		0 9	34.40	1.31							1.0
SMLA	HN	274	153	ES		010	3.46	0.30							1.0
SMLA	HN	274	153	IAML		010	10.64			21376	0.6				
SMLA	HE	274	153	IAML		010	11.19			25778	0.5				
DDI	HZ	394	147	EP		0 9	47.79	0.29							1.0
DDI	HN	394	147	ES		010	28.45	0.36							1.0
DDI	HE	394	147	IAML		010	47.54			8779	0.3				
DDI	HN	394	147	IAML		010	47.61			7983	0.6				
SRGN	BZ	422	207	EP		0 9	50.29	-0.61							1.0
SRGN	BE	422	207	ES		010	34.92	0.96							1.0
JOSI	BZ	466	130	EP		0 9	58.83	2.31							1.0
JOSI	BN	466	130	ES		010	41.00	-2.69							1.0
RTK	BE	480	173	ES		010	48.83	2.63							1.0
RTK	BE	480	173	IAML		011	11.91			8782	0.5				
NDI	HZ	532	166	EP		010	4.66	0.31							1.0
NDI	HE	532	166	ES		010	56.96	-4.08							1.0
NDI	HE	532	166	IAML		011	25.26			1386	0.4				

NPL	BZ	536	166	EP	010	5.86	1.08		1.0
NPL	BE	536	166	ES	010	58.37	0.39		1.0
UJWA	BZ	538	169	EP	010	5.43	0.41		1.0
UJWA	BN	538	169	E	011	1.40			
LDR	HZ	543	166	EP	010	6.98	1.36		1.0
LDR	HN	543	166	ES	010	59.53	0.09		1.0
LDR	HN	543	166	IAML	011	28.60		5058 0.2	
JMIU	BZ	546	165	EP	* 010	8.88	2.86		0.0
JMIU	BN	546	165	ES	011	3.07	0.09		1.0
AYAN	BZ	552	167	EP	010	7.38	0.66		1.0
AYAN	BN	552	167	ES	011	3.31	1.97		1.0
MUKT	HZ	561	139	EP	010	9.59	1.43		1.0
MUKT	HN	561	139	ES	011	2.90	-0.93		1.0
PTDI	HZ	562	171	EP	010	10.57	2.41		1.0
PTDI	HN	562	171	E	011	8.26			
FBD	HZ	563	165	E	010	25.76			
FBD	HN	563	165	E	011	7.31			
CHUR	HZ	567	189	EP	010	8.11	-0.44		1.0
CHUR	HN	567	189	E	011	8.04			
CHUR	HN	567	189	I	011	27.40			
CHUR	HE	567	189	IAML	011	29.28		11741 0.6	
PTH	BZ	586	134	EP	010	11.70	0.60		1.0
PTH	BN	586	134	ES	011	9.93	1.03		1.0
BKNR	BZ	620	204	EP	* 010	17.73	2.61		0.0
BKNR	BE	620	204	ES	011	18.93	0.45		1.0
GWAL	HZ	821	163	EP	010	39.24	-0.42		1.0
GWAL	HN	821	163	ES	012	0.08	1.76		1.0
JODH	HZ	830	200	EP	010	39.66	-1.06		1.0
JODH	HN	830	200	ES	012	0.16	0.01		1.0
BRCH	BE	844	138	ES	012	3.07	-0.11		1.0
JASL	BZ	856	215	EP	010	43.74	-0.15		0.0
JASL	BN	856	215	ES	012	4.98	-0.66		1.0
JASL	BE	856	215	IAML	012	53.77		600 0.3	
JHNI	BZ	913	162	EP	010	49.90	-0.98		1.0
JHNI	BN	913	162	ES	012	18.40	0.67		1.0
BARM	HZ	944	208	E	010	57.62			
UDPR	BZ	992	193	EP	010	59.57	-1.01		1.0
UDPR	BN	992	193	E	012	40.18			
JBPL	HZ	1192	159	EP	011	23.55	-1.44		1.0
CNWR	HZ	1286	166	EP	011	34.64	-1.83		1.0
CNWR	HZ	1286	166	IAmb	011	35.68		189 0.6	
CNWR	HN	1286	166	ES	013	36.94	0.33		1.0
RAIP	HZ	1460	155	EP	011	56.20	-1.43		1.0
RAIP	HN	1460	155	ES	014	11.16	-2.05		1.0
NASK	HZ	1488	188	EP	011	58.47	-2.60		1.0
PALG	HZ	1502	192	E	011	56.88			
PALG	HZ	1502	192	IAmb	011	57.39		43 0.9	
PALG	HN	1502	192	E	014	42.25			
TAWA	SZ	1661	108	E	012	29.59			
TAWA	SZ	1661	108	IAmb	012	31.53			
JGDP	HN	1694	157	E	014	12.68			
SLPR	HZ	1735	180	E	012	25.80			
SLPR	HZ	1735	180	IAmb	012	26.44		24 0.8	
SLPR	HN	1735	180	E	015	22.34			
BWNR	BZ	1753	143	EP	012	33.32	-1.03		1.0
BWNR	BN	1753	143	E	015	15.62			
SHL	HZ	1772	115	EP	012	32.03	-4.69		1.0
SHL	HZ	1772	115	IAmb	012	39.79		15 0.6	
SHL	HN	1772	115	E	015	20.55			
KLBG	HZ	1776	177	E	012	31.34			
KLBG	HN	1776	177	E	015	22.61			
HYB	HZ	1783	171	E	012	30.86			
HYB	HZ	1783	171	IAmb	012	31.85		21 0.8	
HYB	HN	1783	171	E	015	22.31			

TEZP	SZ	1793	110	EP	012	40.98	1.94										1.0
TEZP	SZ	1793	110	IAmb	012	42.75			49	0.7							
ZIRO	SZ	1841	106	EP	012	46.82	2.26										1.0
ZIRO	SZ	1841	106	IAmb	012	47.77			44	0.7							
VISK	HN	1883	155	E	015	48.35											
KOHI	SZ	1956	111	EP	012	54.85	-2.82										1.0
KOHI	SZ	1956	111	IAmb	013	0.04			31	0.7							
AZL	SZ	1956	119	EP	012	58.79	1.14										1.0
AZL	SZ	1956	119	IAmb	013	1.09			33	0.2							
KNL	HZ	1958	173	E	012	51.47											
KNL	HN	1958	173	E	016	4.37											
MOKO	SZ	1960	108	EP	012	57.02	-1.07										1.0
MOKO	SZ	1960	108	IAmb	012	59.81			68	0.2							
CMPI	HZ	2023	118	EP	013	7.89	2.74										1.0
SAIH	SZ	2065	121	EP	013	11.20	1.53										1.0
SAIH	SZ	2065	121	IAmb	013	14.30			20	0.2							
ATP	HZ	2081	175	E	013	6.55											
KDGU	HZ	2308	180	EP	013	32.47	-0.97										1.0
KDGU	HN	2308	180	E	016	38.84											

July 10 2023 Hour: 0:13 43.3 Lat: 33.32N Lon: 75.81E D: 22.6 Ag: NCS Local
Magnitudes: 3.7ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	78	235	EPg		013	55.98	-0.90							1.0
UDMP	HN	78	235	ESg		014	5.20	-1.57							1.0
THN	BZ	97	180	EPg		013	59.48	-0.34							1.0
THN	BN	97	180	ESg		014	13.04	1.17							1.0
JMU	BZ	109	237	EPg		014	1.97	0.43							1.0
JMU	BE	109	237	ESg		014	15.51	0.66							1.0
JMU	BE	109	237	IAML		014	24.57			1702	0.3				
JMU	BN	109	237	IAML		014	24.87			1464	0.4				
SRIN	BZ	124	311	EPg		014	4.47	0.62							1.0
SRIN	BN	124	311	ESg		014	19.67	0.83							1.0
SRIN	BE	124	311	IAML		014	29.77			3399					
DHRM	HZ	127	158	EPg		014	5.70	0.58							1.0
DHRM	HE	127	158	ESg		014	21.50	0.46							1.0
DHRM	HE	127	158	IAML		014	35.50			911	0.4				
DHRM	HN	127	158	IAML		014	38.76			876	0.8				
BHK	BZ	220	166	EPg	*	014	18.08	-0.33							0.0
BHK	BN	220	166	ESg		014	45.62	1.93							1.0
BHK	BE	220	166	IAML		014	46.81			1776	0.5				
BHK	BN	220	166	IAML		014	47.00			1773	0.5				
SDNR	BZ	223	152	EPg		014	18.26	-0.63							1.0
SDNR	BN	223	152	ESg		014	45.16	0.31							1.0
SDNR	BN	223	152	IAML		014	46.15			271	0.4				
SDNR	BE	223	152	IAML		014	46.36			456	0.3				
SMLA	HZ	275	152	EPg		014	25.83	-1.20							1.0
SMLA	HN	275	152	ESg		014	58.52	-0.42							1.0
SMLA	HN	275	152	IAML		015	0.42			921	0.6				
SMLA	HE	275	152	IAML		015	0.98			1526	0.4				

July 10 2023 Hour: 0:20 1.0 Ag: NCS Local
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
UDMP HN 141 341 ESg 020 43.25 -0.00 1.0
UDMP HZ EPg 020 33.42

July 10 2023 Hour: 0:26 21.2 Ag: NCS Local
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
UDMP HZ 75 341 EPg 026 34.33 0.00 1.0
UDMP HN 75 341 ESg 026 43.94 -0.00 1.0

July 10 2023 Hour: 1:18 27.5 Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KOHI	SZ			EP		125	11.86								
MOKO	SZ			EP		125	1.01								
MOKO	SN			ES		125	27.70								
KOHI	SN			ES		125	50.57								
KOHI	SE			IAML		125	58.27			97	0.9				
KOHI	SN			IAML		125	58.94			119					
MOKO	SZ			IAML		125	36.42			195	0.5				
SHL	HE			IAML		125	39.79			34	0.1				
ZIRO	SZ			EP		124	56.62								
ZIRO	SN			ES		125	28.54								
ZIRO	SN			IAML		125	38.44			363	0.6				
ZIRO	SE			IAML		125	38.95			328	0.7				
TEZP	SZ			EP		125	12.47								
TEZP	SN			ES		125	47.58								

July 10 2023 Hour: 19:34 33.8 Lat: 32.64N Lon: 76.62E D: 5.0F Ag: NCS Local
Magnitudes: 2.4ML 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
DHRM	HZ	53	215	EPg		1934	42.19	-0.74							1.0
DHRM	HN	53	215	ESg		1934	49.22	-0.36							1.0
DHRM	HE	53	215	IAML		1934	51.39			176	0.3				
DHRM	HN	53	215	IAML		1934	51.52			119	0.2				
BHK	BZ	141	168	EPg		1934	58.22	-0.00							1.0
BHK	BE	141	168	ESg		1935	17.85	1.81							1.0
UDMP	HZ	144	283	EPg		1934	58.78	0.09							1.0
UDMP	HE	144	283	ESg		1935	17.34	0.49							1.0
SMLA	HZ	175	163	EPg		1935	3.58	-0.55							1.0
SMLA	HN	175	163	ESg		1935	25.52	-0.73							1.0
SMLA	HE	175	163	IAML		1935	27.50			66	0.3				
SMLA	HN	175	163	IAML		1935	27.92			53	0.1				
THN	BZ			EPg		1934	48.59								
THN	BN			ESg		1935	0.04								

July 10 2023 Hour: 20:28 26.2 F Lat: 20.64N Lon: 61.10W D: 10.0F Ag: NCS Distant
Magnitudes: 5.7MW NCS Rms: 1.7 secs
Rms: 1.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ12385		38	I		2047	41.88								
JMU	BZ12487		39	I		2047	52.98								
THN	BZ12578		39	IPP		2047	52.31	-0.17							1.0
SRGN	BZ12645		42	IPP		2047	57.41	0.68							1.0
SRGN	BZ12645		42	E		2057	19.39								
BHK	BZ12699		39	I		2048	6.07								
BKNR	BZ12746		44	I		2048	16.13								
BHUJ	HZ12812		50	I		2048	16.48								
RTK	BZ12889		41	I		2048	24.89								
UJWA	BZ12959		41	I		2048	28.98								
NDI	HZ12971		41	IPP		2048	16.94	-0.44							1.0
JOSI	BZ12974		38	I		2048	21.91								
LDR	HZ12979		41	I		2048	26.94								
JMIU	BZ12986		41	I		2048	27.09								
UDPR	BZ13034		47	IPP		2048	21.03	-0.31							1.0
PTH	BZ13096		38	I		2048	31.03								
JHNI	BZ13325		42	I		2048	42.62								
BRCH	BZ13354		38	I		2048	53.28								
BOM	BZ13369		52	I		2048	48.10								
LKN	BZ13375		40	I		2048	43.32								
BNDA	BZ13441		41	I		2048	49.02								
VLK	BZ13512		37	IPP		2048	50.88	-0.15							1.0
GKPR	BZ13542		38	I		2049	37.14								

KAD	BZ13593	53	I	2049	1.75		
JBPL	HZ13598	43	EP	2047	22.70	1.67	1.0
VAR	BZ13638	39	IPP	2049	3.87	5.21	1.0
LATR	BZ13705	50	I	2049	7.89		
ASIV	HZ13712	50	EP	2047	24.09	1.04	1.0
AURD	HZ13762	50	EP	2047	24.09	0.20	1.0
GTK	SZ13801	33	EP	2047	27.05	2.01	1.0
KLBG	HZ13809	51	EP	2047	25.95	1.30	1.0
ARIA	BZ13842	35	I	2049	10.64		
JMUI	BZ13873	37	I	2049	17.65		
HYB	HZ13938	49	I	2049	24.52		
KNKR	BZ13943	44	I	2049	28.37		
BOKR	HZ13951	38	I	2049	24.16		
MNGI	BZ13951	56	I	2049	18.13		
TAWA	SZ13952	30	EP	2047	32.13	4.35	1.0
TAWA	SZ13952	30	I	2049	22.59		
KNTI	BZ13975	39	I	2049	22.23		
ZIRO	SZ14058	28	EP	2047	31.06	2.14	1.0
ZIRO	SZ14058	28	I	2049	27.14		
ZIRO	SZ14058	28	E	2050	46.22		
KDGU	HZ14069	56	EP	2047	30.82	1.66	1.0
TEZP	SZ14092	29	EP	2047	31.33	1.85	1.0
TEZP	SZ14092	29	I	2049	27.67		
TEZP	SZ14092	29	E	2050	46.22		
MYSR	HZ14131	55	EP	2047	31.98	1.83	1.0
SHL	HZ14149	31	I	2049	27.38		
RAGD	BZ14166	44	I	2049	32.47		
VJD	BZ14170	48	IPP	2049	36.11	5.43	1.0
MOKO	SZ14207	28	EP	2047	34.00	2.09	1.0
MOKO	SZ14207	28	I	2049	39.71		
MOKO	SZ14207	28	E	2050	48.27		
KOHI	SZ14244	29	EP	2047	35.61	3.00	1.0
KOHI	SZ14244	29	I	2049	40.51		
KOHI	SZ14244	29	E	2050	52.35		
BWNR	BZ14248	41	I	2049	48.10		
AGT	SZ14265	33	EP	2047	32.74	0.33	1.0
SILR	SZ14266	31	EP	2047	32.41	-0.03	1.0
VISK	HZ14280	45	I	2049	18.61		
SALM	BZ14318	55	I	2049	52.95		
AZL	SZ14358	31	EP	2047	33.94	-0.12	1.0
AZL	SZ14358	31	I	2049	46.40		
AZL	SZ14358	31	E	2050	54.39		

July 10 2023 Hour: 22:49 6.2 Lat: 40.49N Lon: 83.43E D: 10.0F Ag: NCS Local
Magnitudes: 4.2ML NCS 4.1MW NCS Rms: 1.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DHRM	HZ	1115	217	EP		2251	29.53	-0.07							1.0
DHRM	HN	1115	217	ES		2253	12.99	-1.29							1.0
DHRM	HE	1115	217	IAML		2253	19.05			131	1.2				
DHRM	HT	1115	217	IAML		2253	22.21			180	0.5				
UDMP	HZ	1120	224	EP		2251	30.22	0.71							1.0
UDMP	HN	1120	224	ES		2253	15.71	1.58							1.0
THN	BZ	1123	220	EP		2251	30.75	0.79							1.0
THN	BN	1123	220	ES		2253	15.20	0.31							1.0
JMU	BZ	1149	225	EP		2251	33.51	0.52							1.0
JMU	BN	1149	225	ES		2253	20.85	0.71							1.0
SMLA	HZ	1182	210	EP		2251	35.76	-1.53							1.0
SMLA	HN	1182	210	ES		2253	27.38	-0.20							1.0
SMLA	HE	1182	210	IAML		2253	42.45			48	0.5				
SMLA	HT	1182	210	IAML		2253	53.40			41	0.5				
BHK	BZ	1192	214	EP		2251	37.65	-0.58							0.0
BHK	BE	1192	214	ES		2253	29.12	-0.09							0.0
PTH	BZ	1244	195	EP		2251	45.46	0.14							1.0

LGTI	BZ	1267	195	EP	2251	49.18	0.94									1.0
MUKT	HZ	1271	197	EP	2251	49.11	0.85									1.0
AYAN	BZ	1451	205	EP	2252	8.31	-1.65									1.0
JHNI	BZ	1726	196	EP	2252	40.88	-2.42									0.8
SHL	HZ	1835	152	EP	2252	59.24	2.19									0.8
BOKR	HZ	1865	172	EP	2253	0.61	0.43									0.8
BOKR	HZ	1865	172	I	2253	4.08										
UDPR	BZ	1982	210	EP	2253	10.69	-3.56									0.7

July 11 2023 Hour: 11:25 42.0 Lat: 25.54N Lon: 90.31E D: 10.4 Ag: NCS Local
Magnitudes: 3.9ML NCS Rms: 1.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TURA	SZ	9	253	IPG		1125	43.98	-0.41							1.0
TURA	SN	9	253	ESg		1125	46.47	0.30							1.0
AGT	SE	206	152	ES		1126	37.44	-0.15							1.0
GTK	SZ	261	320	EP		1126	21.37	0.43							1.0
GTK	SN	261	320	ES		1126	49.28	-0.11							1.0
TAWA	SZ	275	34	EP		1126	22.65	0.04							1.0
TAWA	SN	275	34	ES		1126	52.68	0.38							1.0
TAWA	SE	275	34	IAML		1126	57.25		1112	0.2					
TAWA	SN	275	34	IAML		1126	57.61		1540	0.3					
TEZP	SZ	276	64	EP		1126	22.94	0.25							1.0
TEZP	SE	276	64	ES		1126	53.15	0.72							1.0
TEZP	SE	276	64	IAML		1126	56.09		373	0.2					
TEZP	SN	276	64	IAML		1126	56.44		756	0.0					
AZL	SZ	313	129	EP		1126	26.23	-1.05							1.0
AZL	SZ	313	129	I		1126	28.26								
AZL	SN	313	129	ES		1127	1.31	0.95							1.0
IMP	SZ	375	101	EP		1126	34.60	-0.24							1.0
IMP	SN	375	101	ES		1127	15.03	1.58							1.0
CMPI	HZ	379	126	EP		1126	33.62	-1.82							1.0
KOHI	SZ	382	86	EP		1126	38.03	2.27							1.0
KOHI	SN	382	86	ES		1127	14.02	-1.03							1.0
KOHI	SE	382	86	IAML		1127	31.85		381	0.6					
KOHI	SN	382	86	IAML		1127	36.32		339	0.4					
ZIRO	SZ	416	57	EP		1126	39.11	-0.64							1.0
ZIRO	SZ	416	57	I		1126	49.96								
ZIRO	SE	416	57	ES		1127	20.47	-1.47							1.0
ZIRO	SN	416	57	IAML		1127	41.02		2104	0.6					
ZIRO	SE	416	57	IAML		1127	42.74		911	0.5					
MOKO	SZ	430	77	EP	*	1126	39.49	-2.15							0.0
MOKO	SN	430	77	ES		1127	22.22	-0.84							1.0

July 11 2023 Hour: 14: 6 1.1 Lat: 23.24N Lon: 93.95E D: 97.2 Ag: NCS Regional
Magnitudes: 4.3ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMPI	HZ	72	294	EPg		14 6	17.18	-0.76							1.0
CMPI	HN	72	294	ESg		14 6	30.62	0.38							1.0
AZL	SZ	141	294	IPg		14 6	23.82	-0.62							1.0
AZL	SN	141	294	ISg		14 6	41.47	-0.01							1.0
AZL	SE	141	294	IAML		14 6	43.32		1355	0.2					
AZL	SN	141	294	IAML		14 6	43.56		1366	0.1					
SILR	SN	207	326	E		14 6	44.89								
BELO	SZ	256	271	IP	D	14 6	38.27	0.76							1.0
BELO	SN	256	271	IS	C	14 7	4.54	0.45							1.0
BELO	SN	256	271	IAML		14 7	8.83		1239	0.2					
KOHI	SZ	276	3	EP		14 6	39.76	-0.20							1.0
KOHI	SN	276	3	ES		14 7	8.36	0.02							1.0
AGT	SZ	286	285	E		14 6	21.26								
AGT	SN	286	285	ES		14 7	10.40	0.32							1.0
SHL	HZ	335	321	EP		14 6	47.55	0.55							1.0
MOKO	SZ	347	9	EP		14 6	47.10	-1.30							0.9

MOKO	SN	347	9	ES	14	7	24.12	1.18									1.0
TEZP	SZ	393	343	EP	14	6	53.15	-0.62									1.0
TEZP	SN	393	343	ES	14	7	30.57	-1.65									0.9
TEZP	SN	393	343	IAML	14	7	34.90		1104	0.2							
TEZP	SE	393	343	IAML	14	7	35.09		595	0.2							
TURA	SZ	455	305	EP	14	7	0.88	-0.46									1.0
TURA	SN	455	305	ES	14	7	43.76	-1.56									0.9
TURA	SE	455	305	IAML	14	7	46.07		1503	0.3							
ZIRO	SZ	476	359	EP	14	7	3.25	-0.55									1.0
ZIRO	SE	476	359	ES	14	7	50.45	0.87									1.0
TAWA	SZ	527	337	EP	14	7	11.10	1.11									1.0
TAWA	SN	527	337	ES	14	8	1.35	1.07									1.0
TAWA	SE	527	337	IAML	14	8	5.67		4039	0.3							
TAWA	SN	527	337	IAML	14	8	7.01		4346	0.2							
GTK	SZ	704	311	EP	14	7	32.74	1.22									1.0
GTK	SN	704	311	E	14	8	41.14										
JMUI	BZ	808	285	EP	14	7	43.72	-0.17									1.0
JMUI	BN	808	285	ES	14	8	58.66	-0.27									1.0
BOKR	HZ	826	276	EP	14	7	46.79	0.65									1.0
BWNR	BZ	903	250	EP	14	7	55.65	0.21									1.0
BWNR	BN	903	250	ES	14	9	18.97	0.06									1.0
MUKT	HZ	1584	299	EP	14	9	17.36	-0.98									1.0
MUKT	HN	1584	299	E	1411		42.28										
MUKT	HN	1584	299	E	1411		42.44										
SMLA	HN	1876	301	ES	1412		52.07	-7.22									0.0
DHRM	HN	2002	304	ES	1413		18.07	-8.51									0.0

July 12 2023 Hour: 8:40 16.5 Lat: 24.38N Lon: 93.57E D: 32.9 Ag: NCS Local
Magnitudes: 2.4ML NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IMP	SZ	62	37	IPg	C	840	27.85	-0.22							1.0
IMP	SN	62	37	ESg		840	36.79	0.27							1.0
IMP	SN	62	37	IAML		840	38.53		122	0.1					
IMP	SE	62	37	IAML		840	40.17		83	0.3					
CMPI	HZ	102	195	EPg		840	33.20	-0.73							1.0
CMPI	HN	102	195	ESg		840	47.26	0.61							1.0
AZL	SZ	115	232	EPg		840	35.31	-0.50							1.0
AZL	SN	115	232	ESg		840	50.30	0.39							1.0
AZL	SN	115	232	IAML		840	51.91		108	0.2					
AZL	SE	115	232	IAML		840	52.65		88	0.1					
KOHI	SZ	158	20	EP		840	35.00	-5.61							0.0
KOHI	SN	158	20	ES		840	58.39	0.18							1.0

July 12 2023 Hour: 11:15 45.2 Lat: 27.48N Lon: 92.40E D: 10.0F Ag: NCS Local
Magnitudes: 2.6ML NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TAWA	SZ	54	283	EPg		1115	54.72	0.07							1.0
TAWA	SN	54	283	ESg		1116	1.67	0.10							1.0
TAWA	SN	54	283	IAML		1116	2.32		337	0.1					
TAWA	SE	54	283	IAML		1116	2.40		322	0.2					
ZIRO	SZ	144	88	EP		1116	8.94	-0.53							1.0
ZIRO	SN	144	88	ES		1116	27.69	0.47							1.0
ZIRO	SN	144	88	IAML		1116	28.33		102	0.2					
ZIRO	SE	144	88	IAML		1116	28.58		93	0.2					
SHL	HZ	219	194	EP		1116	18.79	-0.38							1.0
SHL	HN	219	194	ES		1116	44.28	0.28							1.0

July 12 2023 Hour: 12:26 49.6 Lat: 25.17N Lon: 95.51E D: 10.0F Ag: NCS Local
Magnitudes: 3.4ML NCS Rms: 1.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KOHI	SZ	154	294	EPg		1227	15.80	-0.57							1.0
KOHI	SN	154	294	ESg		1227	35.84	-0.05							1.0
MOKO	SZ	162	322	EPg		1227	17.01	-0.77							1.0
MOKO	SN	162	322	ESg		1227	37.75	-0.58							1.0
IMP	SZ	163	257	EPg		1227	16.30	-1.57							1.0
IMP	SN	163	257	ESg		1227	37.23	-1.25							1.0
IMP	SN	163	257	IAML		1227	38.87			350	0.8				
DIBR	SZ	262	347	E		1227	37.75								
DIBR	SE	262	347	ES		1227	58.46	1.29							1.0
DIBR	SE	262	347	IAML		1228	3.71			682	0.2				
DIBR	SN	262	347	IAML		1228	4.08			632	0.4				
SILR	SZ	277	262	EP		1227	32.09	1.56							1.0
SILR	SN	277	262	E		1228	4.46								
CMPI	HZ	291	231	EP		1227	32.51	0.16							1.0
CMPI	HN	291	231	ES		1228	5.32	1.78							1.0
CMPI	HE	291	231	IAML		1228	13.32			261	0.3				
CMPI	HN	291	231	IAML		1228	13.34			194	0.2				
ZIRO	SZ	310	328	EP		1227	33.59	-0.93							1.0
ZIRO	SE	310	328	ES		1228	7.23	-0.05							1.0
TEZP	SZ	316	301	EP		1227	33.94	-1.35							1.0
AZL	SZ	327	242	EP		1227	35.44	-1.33							1.0
AZL	SN	327	242	ES		1228	12.00	0.81							1.0
AZL	SE	327	242	IAML		1228	16.87			162	0.4				
TAWA	SZ	452	307	EP		1227	51.72	-0.25							1.0
TAWA	SE	452	307	ES		1228	39.20	1.72							1.0
TURA	SZ	534	275	EP	C	1228	0.91	-1.03							1.0
TURA	SN	534	275	E		1228	52.63								
GTK	SZ	731	291	EP		1228	26.71	0.65							1.0
GTK	SN	731	291	ES		1229	38.20	1.74							1.0

July 12 2023 Hour: 16: 0 14.0 Lat: 32.70N Lon: 76.72E D: 13.3 Ag: NCS Local
Magnitudes: 3.1ML NCS Rms: 1.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THN	BZ	91	252	EPg		16 0	30.08	0.13							1.0
THN	BN	91	252	ESg		16 0	41.41	-0.19							1.0
BHK	BZ	146	172	EPg		16 0	39.53	0.10							1.0
BHK	BN	146	172	ESg		16 0	58.77	0.76							1.0
BHK	BE	146	172	IAML		16 1	1.33			304	0.2				
BHK	BN	146	172	IAML		16 1	1.88			330	0.2				
UDMP	HZ	152	279	EP		16 0	38.99	-0.27							1.0
UDMP	HN	152	279	ES		16 0	55.49	-2.21							1.0
JMU	BZ	178	273	EP		16 0	43.26	0.87							1.0
JMU	BE	178	273	ES		16 1	4.95	1.83							1.0
JMU	BN	178	273	IAML		16 1	6.10			150	0.4				
JMU	BE	178	273	IAML		16 1	6.56			210	0.4				
SMLA	HZ	180	166	EPg		16 0	45.07	-0.09							1.0
SMLA	HN	180	166	ESg		16 1	7.00	-0.92							1.0
SMLA	HN	180	166	IAML		16 1	8.80			196	0.3				
SMLA	HE	180	166	IAML		16 1	9.15			282	0.3				

July 12 2023 Hour: 16:37 6.3 Lat: 32.79N Lon: 76.79E D: 6.6 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
THN	BZ	100	247	EPg		1637	23.87	0.23							1.0
THN	BN	100	247	ESg		1637	36.37	0.06							1.0
SDNR	BZ	141	175	EPg		1637	31.32	0.66							1.0
SDNR	BE	141	175	ESg		1637	48.07	-0.38							1.0

SDNR	BN	141	175	IAML	1637	51.50			173	0.2					
SDNR	BE	141	175	IAML	1637	51.54			167	0.4					
UDMP	HZ	156	275	EP	1637	32.76	-0.07								1.0
BHK	BZ	156	175	EPg	1637	33.38	0.09								1.0
BHK	BN	156	175	ESg	1637	52.83	-0.17								1.0
UDMP	HE	156	275	ES	1637	51.73	-0.46								1.0
JMU	BZ	183	270	EP	1637	35.43	-0.74								1.0
JMU	BN	183	270	ES	1637	58.76	0.78								1.0
JMU	BE	183	270	IAML	1638	0.20			76	0.6					
JMU	BN	183	270	IAML	1638	0.39			119	0.4					

July 13 2023 Hour: 2:57 51.8 Lat: 27.35N Lon: 92.69E D: 5.0F Ag: NCS Local
Magnitudes: 2.7ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TEZP	SZ	81	172	EPg		258	6.42	0.52							1.0
TEZP	SN	81	172	ESg		258	15.94	-0.24							1.0
TEZP	SE	81	172	IAML		258	18.22			208	0.1				
TEZP	SN	81	172	IAML		258	18.44			358	0.2				
TAWA	SZ	86	289	EPg		258	6.64	-0.01							1.0
TAWA	SN	86	289	ESg		258	16.76	-0.72							1.0
MOKO	SZ	214	122	EPg		258	29.71	0.83							1.0
MOKO	SZ	214	122	ESg		258	56.58	0.65							1.0
MOKO	SN	214	122	IAML		258	59.37			82	0.2				
MOKO	SZ	214	122	IAML		258	59.55			41	0.7				
KOHI	SZ	229	142	EPg		258	30.62	-0.83							1.0
KOHI	SN	229	142	IAML		258	58.16			45	0.1				
KOHI	SN	229	142	ESg		258	59.13	-1.25							1.0
TURA	SZ	319	231	EP		258	39.03	-0.02							1.0
TURA	SN	319	231	ES		259	14.59	1.07							1.0

July 13 2023 Hour: 5: 2 27.2 Lat: 13.42N Lon: 94.21E D: 10.0F Ag: NCS Regional
Magnitudes: 4.3Mb NCS Rms: 1.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DGPR	HZ	141	259	EPg		5 2	50.20	-1.37							0.9
DGPR	HN	141	259	ESg		5 3	9.83	0.47							1.0
CMPI	HZ	1120	355	EP		5 4	51.87	0.73							1.0
AZL	SZ	1154	352	EP		5 4	54.66	-0.57							1.0
AZL	SN	1154	352	E		5 6	51.65								
BWNR	BZ	1170	311	EP		5 4	57.32	0.17							1.0
BWNR	BN	1170	311	ES		5 6	45.53	-1.09							1.0
VISK	HZ	1260	294	EP		5 5	9.91	1.85							0.9
RAGD	BZ	1317	301	EP	*	5 5	15.84	0.79							0.0
RAGD	BN	1317	301	ES		5 7	19.17	0.79							1.0
ZIRO	SZ	1563	359	E		5 6	29.12								
MUKT	HZ	2326	322	EP		5 7	9.40	-0.71							1.0
MUKT	HZ	2326	322	IAmb		5 7	13.01			7	0.8				
SMLA	HZ	2626	321	EP		5 7	39.44	0.67							1.0
SMLA	HZ	2626	321	IAmb		5 7	42.04			8	0.5				

July 13 2023 Hour: 5:32 47.6 Lat: 29.65N Lon: 81.72E D: 1.8 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
PTH	BZ	147	268	EPg		533	13.87	0.10							1.0
PTH	BN	147	268	ESg		533	32.41	-0.45							1.0
LGTI	BZ	161	261	EPg		533	16.12	-0.16							1.0
LGTI	BE	161	261	ESg		533	36.84	-0.36							1.0
LGTI	BN	161	261	IAML		533	39.47			1560	0.2				
LGTI	BE	161	261	IAML		533	39.87			1244	0.3				
MUKT	HZ	202	265	EP		533	20.90	0.74							1.0
MUKT	HN	202	265	ES		533	43.90	0.00							1.0
BRCH	BZ	231	183	EP		533	23.78	0.39							1.0

BRCH	BN	231	183	ES	533	51.09	1.59			1.0
JOSI	BZ	232	296	EPg	533	28.54	0.62			1.0
JOSI	BN	232	296	ES	533	49.71	-0.24			1.0
HRYA	BZ	325	167	EP	* 533	24.98	-9.90			0.0
HRYA	BN	325	167	ES	534	0.16	0.69			1.0
VLK	BZ	326	138	EP	533	45.09	10.11			0.0
VLK	BE	326	138	ES	534	10.77	1.22			1.0
VLK	BE	326	138	IAML	534	30.99		583	0.5	
VLK	BN	326	138	IAML	534	31.79		496	0.5	
LKN	BZ	329	194	EP	533	36.50	1.05			1.0
LKN	BE	329	194	ES	534	10.66	0.31			1.0
LKN	BN	329	194	IAML	534	25.80		1062	0.2	
LKN	BE	329	194	IAML	534	26.05		1495	0.1	
NDI	HZ	452	257	EP	533	50.47	0.11			1.0
NDI	HN	452	257	ES	534	34.93	-1.22			1.0
NDI	HE	452	257	IAML	534	38.76		95	0.2	
NDI	HN	452	257	IAML	534	39.18		69	0.3	
NPL	BZ	457	257	EP	533	51.02	0.03			1.0
NPL	BN	457	257	ES	534	36.20	-1.05			1.0
NPL	BE	457	257	IAML	534	39.54		404	0.3	
NPL	BN	457	257	IAML	534	40.32		388	0.4	
AYAN	BZ	466	255	EP	533	53.23	1.10			1.0
AYAN	BE	466	255	ES	534	38.88	-0.33			1.0
AYAN	BN	466	255	IAML	535	12.10		195	0.2	
AYAN	BE	466	255	IAML	535	13.09		161	0.6	
ALBI	BZ	481	179	EP	533	53.47	-0.41			1.0
ALBI	BN	481	179	ES	534	40.93	-1.31			1.0
ALBI	BN	481	179	IAML	535	11.46		217	0.8	
ALBI	BE	481	179	IAML	535	11.84		210	0.3	
SDNR	BZ	507	296	E	534	16.13				
SDNR	BN	507	296	E	534	46.03				
SDNR	BE	507	296	IAML	534	48.40		69	0.4	
SDNR	BN	507	296	IAML	534	48.62		103	0.3	
GWAL	HZ	515	223	EP	533	58.04	-0.04			1.0
GWAL	HN	515	223	ES	534	48.45	-1.05			1.0
KUDL	HZ	537	253	EP	533	59.99	-0.80			1.0
KUDL	HN	537	253	ES	534	53.96	-0.23			1.0
KUDL	HN	537	253	IAML	535	26.95		64	0.4	
KUDL	HE	537	253	IAML	535	27.13		102	0.3	
BHK	BZ	548	292	EP	534	15.15	13.05			0.0
BHK	BN	548	292	ES	534	56.15	-0.32			0.0
BHK	BE	548	292	IAML	534	59.77		116	0.4	
BHK	BN	548	292	IAML	535	31.01		215	0.8	
JHNI	BZ	557	214	EP	534	3.02	-0.14			1.0
JHNI	BN	557	214	ES	534	57.79	-0.50			1.0
GTK	SZ	721	109	E	534	18.65				
GTK	SN	721	109	ES	535	33.37	-0.55			1.0
JBPL	HZ	736	194	EP	534	24.58	-0.50			1.0
JBPL	HE	736	194	ES	535	35.67	-0.55			1.0
AJM	BZ	783	245	EP	534	31.63	0.73			1.0
AJM	BE	783	245	ES	535	47.62	1.34			1.0
AJM	BN	783	245	IAML	536	34.12		25	0.2	
AJM	BE	783	245	IAML	536	34.80		47	0.4	
UDPR	BZ	972	237	EP	534	54.05	0.17			1.0
UDPR	BE	972	237	ES	536	28.45	2.41			1.0
BWNR	BZ	1119	157	EP	535	10.65	-1.21			1.0
BWNR	BN	1119	157	ES	536	56.33	-0.81			1.0

July 13 2023 Hour: 20:49 18.2 Lat: 35.99N Lon: 71.56E D:233.8 Ag: NCS Regional
 Magnitudes: 5.1ML NCS 5.2Mb NCS Rms: 1.4 secs
 Rms: 1.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	366	125	EP		*2050	12.76	-0.21							0.0
SRIN	BN	366	125	ES		2050	58.35	1.84							1.0
SRIN	BN	366	125	IAML		2051	0.13			22841					
SRIN	BE	366	125	IAML		2051	1.37			15246	0.4				
JMU	BZ	466	139	EP		2050	23.50	-0.02							1.0
JMU	BN	466	139	ES		2051	17.99	2.16							1.0
JMU	BE	466	139	IAML		2051	35.62			2334	0.9				
UDMP	HZ	473	135	EP		2050	24.03	-0.28							1.0
UDMP	HN	473	135	ES		2051	19.45	2.19							1.0
THN	BZ	555	134	EP		2050	32.75	-0.62							1.0
THN	BN	555	134	ES		2051	34.77	1.09							1.0
AMRT	HZ	573	146	EP		2050	34.76	-0.56							1.0
AMRT	HN	573	146	ES		2051	38.57	1.34							1.0
DHRM	HZ	603	132	EP		2050	38.51	-0.98							1.0
DHRM	HN	603	132	ES		2051	44.92	0.19							1.0
DHRM	HE	603	132	IAML		2051	45.71			7585	0.6				
BHK	BZ	678	137	E		2050	46.87								
BHK	BN	678	137	E		2051	59.57								
SDNR	BZ	699	133	EP		2050	49.77	0.11							1.0
SDNR	BN	699	133	ES		2052	3.01	-0.27							1.0
SRGN	BZ	707	161	EP		2050	50.89	0.38							1.0
SRGN	BN	707	161	ES		2052	6.87	2.00							1.0
SMLA	HZ	750	134	EP		2050	54.83	-0.82							1.0
SMLA	HN	750	134	ES		2052	13.78	-0.39							1.0
CGRH	BZ	755	139	EP		2050	56.10	0.11							1.0
CGRH	BN	755	139	ES		2052	15.27	0.45							1.0
DDI	HZ	873	134	EP		2051	9.52	0.06							1.0
DDI	HN	873	134	ES		2052	39.81	0.41							1.0
DDI	HE	873	134	IAML		2052	42.34			749	0.4				
BKNR	BZ	898	169	EP		2051	12.18	-0.21							1.0
BKNR	BN	898	169	E		2052	45.55								
BKNR	BN	898	169	IAML		2052	46.54			420	0.8				
CHUR	HE	913	158	ES		2052	48.14	0.30							1.0
JHJR	BZ	948	148	EP		2051	18.32	0.24							1.0
UJWA	BZ	964	147	EP		2051	20.04	0.05							1.0
NDI	HZ	969	145	EP		2051	20.68	0.21							1.0
NPL	BZ	971	146	EP		2051	20.29	-0.45							1.0
JMIU	BZ	984	145	EP		2051	22.06	-0.16							1.0
AYAN	BZ	984	146	EP		2051	21.89	-0.35							1.0
AYAN	BN	984	146	ES		2053	1.59	-1.28							1.0
JMIU	BN	984	145	ES		2053	3.73	0.89							1.0
JASL	BZ	1007	184	EP		2051	25.22	0.34							1.0
JASL	BN	1007	184	ES		2053	5.08	-2.67							1.0
MUKT	HZ	1048	131	IP		D 2051	28.45	-1.50							1.0
PTH	BZ	1076	129	EP		2051	30.99	-2.44							1.0
PTH	BN	1076	129	ES		2053	21.00	-2.39							1.0
LGTI	BZ	1083	130	EP		2051	32.14	-2.16							1.0
LGTI	BN	1083	130	ES		2053	21.98	-3.00							1.0
JODH	HZ	1088	172	EP		2051	33.89	-0.31							1.0
AJM	BZ	1100	164	EP		2051	34.87	-0.68							1.0
AJM	BE	1100	164	ES		2053	28.27	0.84							1.0
GWAL	HZ	1255	148	EP		2051	53.49	0.34							1.0
UDPR	BZ	1281	170	EP		2051	56.92	0.81							1.0
JHNI	BZ	1348	148	EP		*2052	2.86	-0.74							0.0
JHNI	BN	1348	148	ES		2054	14.05	-4.69							1.0
BHUJ	HZ	1423	188	EP		2052	16.35	4.34							0.0
BHUJ	HE	1423	188	ES		2054	32.29	-2.89							1.0
HRYA	BZ	1454	132	EP		2052	15.24	-0.15							1.0
HRYA	BZ	1454	132	I		2052	19.25								

VLK	BZ	1505	126	EP	2052	20.69-0.41										1.0
VLK	BZ	1505	126	I	2052	25.32										
JBPL	HZ	1632	148	EP	2052	37.97	2.94									1.0
CNWR	HZ	1702	153	EP	2052	43.50	1.08									1.0
GTK	SN	1876	116	ES	2056	4.19-0.96										1.0
RAIP	HZ	1909	146	EP	2053	3.27	0.37									1.0
RAIP	HZ	1909	146	IAmb	2053	6.28										
BOKR	HZ	1930	131	EP	2053	5.59	0.70									1.0
BOKR	HN	1930	131	E	2056	15.60										
LATR	BZ	2008	165	EP	2053	13.85	1.36									1.0
ASIV	HZ	2036	165	EP	2053	16.77	1.53									1.0
AURD	HZ	2055	164	EP	2053	19.45	2.32									1.0
TURA	SZ	2125	118	EP	2053	23.76-0.04										1.0
TURA	SN	2125	118	ES	2056	53.39	4.71									1.0
TAWA	SZ	2131	110	EP	2053	25.14	0.14									1.0
HYB	HZ	2170	160	EP	2053	30.62	2.44									1.0
HYB	HZ	2170	160	IAmb	2053	31.90				53	0.7					
HYB	HZ	2170	160	I	2053	54.75										
RAGD	BZ	2191	145	EP	2053	29.74-0.38										1.0
RAGD	BZ	2191	145	I	2053	38.26										
BWNR	BZ	2231	138	EP	2053	34.40	0.44									1.0
SHL	HZ	2264	115	EP	2053	35.24-2.37										1.0
TEZP	SZ	2266	111	EP	2053	36.06-1.22										1.0
ZIRO	SZ	2303	108	EP	2053	39.83-1.03										1.0
VISK	HZ	2332	147	EP	2053	43.09-0.50										1.0
MOKO	SZ	2428	110	EP	2053	50.92-1.61										1.0
AZL	SZ	2443	118	EP	2053	53.83	0.55									1.0

July 13 2023 Hour: 21:25 15.1 Lat: 27.21N Lon: 91.86E D: 5.0F Ag: NCS Local
Magnitudes: 3.2ML NCS Rms: 1.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TAWA	SZ	42	2	EPg		2125	22.88-0.28								1.0
TAWA	SN	42	2	ESg		2125	28.22-0.83								1.0
TAWA	SE	42	2	IAML		2125	28.44			2257	0.2				
TAWA	SN	42	2	IAML		2125	29.35			2100	0.2				
TEZP	SZ	115	125	EPg		2125	33.84-1.08								1.0
TEZP	SE	115	125	ESg		2125	47.15-2.25								1.0
TEZP	SN	115	125	IAML		2125	48.66			22693	0.1				
ZIRO	SZ	200	80	EP		2125	48.01	1.28							1.0
ZIRO	SN	200	80	ES		2126	11.97	2.14							1.0
ZIRO	SN	200	80	IAML		2126	13.50			467	0.2				
ZIRO	SE	200	80	IAML		2126	13.54			258	0.2				
TURA	SZ	248	221	EP		2125	52.93	0.32							1.0
TURA	SN	248	221	ES		2126	21.26	1.26							1.0
TURA	SN	248	221	IAML		2126	22.32			196	0.3				
TURA	SE	248	221	IAML		2126	22.70			200	0.3				
MOKO	SZ	282	110	EP	*	2126	0.89	3.70							0.0
MOKO	SN	282	110	ES		2126	34.04	2.41							1.0
GTK	SN	322	273	ES		2126	35.91-0.55								1.0
GTK	SN	322	273	IAML		2126	46.90			18	0.5				
GTK	SE	322	273	IAML		2126	47.04			20	0.1				

July 14 2023 Hour: 2: 1 48.0 Lat: 28.52N Lon: 143.55E D: 5.0 Ag: NCS Distant
Magnitudes: 5.3Mb NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PTH	BZ	6090	288	EP		211	18.92-0.31								1.0
HNLY	BZ	6113	292	E		211	22.60								
JOSI	BZ	6121	289	EP		211	21.98	1.16							1.0
RAGD	BZ	6145	275	EP		211	22.58	0.32							1.0
VISK	HZ	6221	273	EP		211	26.97-0.24								1.0
JGDP	HZ	6290	275	EP		211	32.12	0.41							1.0
KNKR	BZ	6294	276	E		211	31.66								

SMLA	HZ	6325	290	EP	211	33.55-0.46								1.0
JBPL	HZ	6330	280	EP	211	33.67-0.52								1.0
JBPL	HZ	6330	280	IAmb	211	35.13			25	0.8				
SDNR	BZ	6337	291	EP	211	33.81-0.74								1.0
JHNI	BZ	6375	283	E	211	35.31								
BHK	BZ	6389	291	E	211	37.91								
NDI	HZ	6398	287	EP	211	38.22-0.21								1.0
NDI	HZ	6398	287	IAmb	211	39.76			19	0.7				
THN	BZ	6411	292	EP	211	40.11 0.86								1.0
KNL	HZ	6825	273	EP	212	4.98-0.18								1.0
KNL	HZ	6825	273	IAmb	212	6.72			19	0.6				
AURD	HZ	6832	276	EP	212	5.26-0.33								1.0
MYSR	HZ	7124	270	EP	212	23.10-0.04								1.0
MYSR	HZ	7124	270	IAmb	212	25.03			14	1.0				
KOD	BZ	7143	268	EP	212	24.78 0.19								1.0
KOD	BZ	7143	268	IAmb	212	26.67			22	0.8				
KDGU	HZ	7186	271	EP	212	27.03 0.18								1.0
KDGU	HZ	7186	271	IAmb	212	27.82			23	0.9				
BOM	BZ	7194	279	E	211	53.46								

July 14 2023 Hour: 9:29 1.4 F Lat: 14.98N Lon: 93.94WD: 10.0F Ag: NCS Distant
Magnitudes: 6.3MW NCS Rms: 1.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ14509	10	I			950	21.66								
UDMP	HZ14607	12	EP			948	16.14	2.73							0.0
UDMP	HZ14607	12	IPP			950	27.65	-3.82							1.0
JMU	BZ14615	13	EP			948	11.40	-2.09							1.0
JMU	BZ14615	13	I			950	27.30								
THN	BZ14674	12	EP			948	12.01	-2.55							1.0
THN	BZ14674	12	I			950	31.35								
HNLY	BZ14695	8	EP			948	12.69	-2.35							1.0
HNLY	BZ14695	8	I			950	21.24								
DHRM	HZ14705	11	EP			948	13.34	-2.45							1.0
DHRM	HZ14705	11	IPP			950	28.64								
BHK	BZ14799	11	EP			948	13.46	-3.15							1.0
BHK	BZ14799	11	I			950	33.85								
SMLA	HZ14844	10	EP			948	13.34	-4.30							1.0
SMLA	HZ14844	10	I			950	38.62								
UTK	BZ14911	9	EP			948	16.96	-1.77							1.0
UTK	BZ14911	9	I			950	41.56								
JOSI	BZ14947	8	EP			948	17.98	-1.29							1.0
JOSI	BZ14947	8	IPP			950	39.01								
DDI	HZ14948	10	I			950	45.99								
RTK	BZ15055	12	I			950	49.40								
PTH	BZ15063	7	EP			948	18.18	-3.46							1.0
PTH	BZ15063	7	I			950	47.43								
BKNR	BZ15081	16	EP			948	18.88	-2.43							1.0
BKNR	BZ15081	16	I			950	52.59								
MERT	BZ15089	10	EP			948	18.84	-2.61							1.0
MERT	BZ15089	10	I			950	51.63								
CHUR	HZ15100	14	I			950	51.68								
DIBR	SZ15105	342	EP			948	22.75	1.04							1.0
DIBR	SZ15105	342	I			951	5.78								
NDI	HZ15110	11	EP			948	18.49	-3.30							1.0
NDI	HZ15110	11	I			950	53.12								
NPL	BZ15114	11	EP			948	20.87	-0.99							1.0
UJWA	BZ15116	12	I			950	53.85								
LDR	HZ15120	11	EP			948	19.25	-2.70							1.0
LDR	HZ15120	11	I			950	53.41								
JMIU	BZ15125	11	I			950	53.85								
AYAN	BZ15130	11	EP			948	19.90	-2.29							1.0
AYAN	BZ15130	11	I			950	53.13								
KUDL	HZ15153	12	EP			948	20.98	-1.52							1.0

KUDL	HZ15153	12	I	950	55.50	
ZIRO	SZ15256	350	I	951	5.78	
BARM	HZ15256	20	I	951	5.11	
ZIRO	SZ15256	350	EP	948	22.53-1.70	1.0
AJM	BZ15289	15	EP	948	21.59-3.22	1.0
AJM	BZ15289	15	IPP	951	1.19	
ITAN	SZ15300	350	EP	948	23.22-1.77	1.0
ITAN	SZ15300	350	I	951	8.88	
VLK	BZ15335	3	EP	948	23.88-1.65	1.0
VLK	BZ15335	3	I	951	3.73	
GTK	SZ15346	357	EP	948	24.73-1.48	1.0
GTK	SZ15346	357	I	951	8.49	
MOKO	SZ15374	349	EP	948	25.63-0.98	1.0
MOKO	SZ15374	349	I	951	12.96	
TEZP	SZ15374	351	EP	948	24.12-2.02	1.0
TEZP	SZ15374	351	I	951	10.72	
HRYA	BZ15397	5	EP	948	23.39-3.11	1.0
GWAL	HZ15398	11	I	951	8.09	
BHUJ	HZ15443	23	EP	948	24.31-2.94	1.0
BHUJ	HZ15443	23	I	951	17.50	
KOHI	SZ15448	349	EP	948	25.64-2.23	1.0
KOHI	SZ15448	349	I	951	12.37	
UDPR	BZ15457	17	EP	948	24.18-3.31	1.0
UDPR	BZ15457	17	I	951	14.40	
JHNI	BZ15488	10	EP	948	24.55-3.44	1.0
JHNI	BZ15488	10	I	951	14.75	
SHL	HZ15502	352	EP	948	23.19-5.55	1.0
SHL	HZ15502	352	IPP	951	15.08-7.72	1.0
SHL	HZ15502	352	E	954	14.75	
BNDA	BZ15515	8	I	951	16.01	
TURA	SZ15531	354	EP	948	25.99-2.74	1.0
TURA	SZ15531	354	I	951	16.95	
IMP	SZ15547	349	EP	948	27.90-1.07	1.0
IMP	SZ15547	349	I	951	17.95	
GUNA	BZ15549	12	E	948	17.08	
GUNA	BZ15549	12	I	951	10.57	
ALBI	BZ15553	6	E	948	19.01	
VAR	BZ15569	4	EP	948	26.51-2.79	1.0
AGT	SZ15697	352	I	951	29.07	
BHPL	HZ15703	13	EP	948	22.29-9.18	1.0
BHPL	HZ15703	13	I	951	23.80	
CMPI	HZ15705	349	EP	948	24.51-7.22	1.0
CMPI	HZ15705	349	I	951	24.51	
BOKR	HZ15745	0	EP	948	25.65-6.55	1.0
BOKR	HZ15745	0	IPP	951	21.41	
SRAT	HZ15782	20	I	951	34.21	
CNWR	HZ15865	11	EP	948	28.87-5.22	1.0
BLSP	BZ15911	6	E	948	24.42	
RAIP	HZ16002	7	EP	948	32.17-4.08	1.0
BOM	BZ16016	22	EP	948	31.52-4.85	1.0
KNKR	BZ16104	7	I	948	33.10	
KNKR	BZ16104	7	E	948	33.11	
BWNR	BZ16137	0	EP	948	34.22-4.23	1.0
LATR	BZ16196	16	I	948	34.58	
LATR	BZ16196	16	EP	948	36.38-3.85	1.0
ASIV	HZ16222	17	EP	948	36.68-2.94	1.0
RAGD	BZ16238	4	EP	948	38.37-1.42	1.0
JGDP	HZ16241	7	EP	948	39.11-0.79	1.0
AURD	HZ16245	16	EP	948	37.58-2.38	1.0
SLPR	HZ16255	17	EP	948	38.48-1.64	1.0
KLBG	HZ16321	16	EP	948	39.83-1.22	1.0
HYB	HZ16357	13	EP	948	37.07-4.59	1.0
VISK	HZ16405	5	EP	948	41.23-1.04	1.0
GOA	HZ16405	22	EP	948	39.98-2.30	1.0

VJD	BZ16500	10	EP		948	45.79	2.12									1.0
VJD	BZ16500	10	I	C	952	12.56										
KNL	HZ16522	15	EP		948	42.23	-1.80									1.0
ATP	HZ16633	16	EP		948	44.04	-1.57									1.0
MNGI	BZ16714	22	E		948	50.60										
KDGU	HZ16797	21	EP		948	46.44	-1.53									1.0
DGPR	HZ16829	346	EP		948	45.57	-2.75									1.0
MDRS	HZ16874	12	EP		948	47.81	-1.13									1.0
MDRS	HZ16874	12	IPP		952	28.49										
SALM	BZ16962	17	I		948	49.23										
KOD	BZ17089	19	I		948	50.80										
CHT	HZ17124	20	EP		948	52.14	-0.10									1.0
TRVM	HZ17249	22	EP		948	50.72	-3.08									1.0

July 14 2023 Hour: 14:24 46.3 Lat: 26.85N Lon: 75.28E D: 5.0F Ag: NCS Local
Magnitudes: 2.5ML NCS Rms: 1.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JPR	HZ	54	94	EPg		1424	56.15	0.40							1.0
JPR	HN	54	94	ESg		1425	1.69	-0.94							1.0
AJM	BZ	80	234	EPg		1424	59.91	-0.37							1.0
AJM	BN	80	234	ESg		1425	8.99	-1.47							1.0
AJM	BN	80	234	IAML		1425	10.08			117	0.1				
AJM	BE	80	234	IAML		1425	10.47			226	0.1				
UDPR	BZ	297	212	EP		1425	31.25	1.55							1.0
UDPR	BN	297	212	ES		1426	2.20	0.84							1.0
UDPR	BN	297	212	IAML		1426	12.23			17	0.2				
UDPR	BE	297	212	IAML		1426	12.81			23	0.2				

July 14 2023 Hour: 19:19 29.7 Lat: 36.79N Lon: 71.43E D:208.8 Ag: NCS Local
Magnitudes: 4.2ML NCS Rms: 1.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BN	432	134	ES		1921	14.45	-0.18							1.0
SRIN	BN	432	134	IAML		1921	17.31			1356	0.2				
SRIN	BE	432	134	IAML		1921	18.45			1005	0.1				
JMU	BZ	543	144	EP		1920	44.56	1.71							1.0
JMU	BN	543	144	ES		1921	37.51	1.23							1.0
UDMP	HZ	547	141	EP		1920	43.83	0.48							1.0
UDMP	HN	547	141	ES		1921	37.16	0.02							1.0
THN	BZ	628	139	EP		1920	53.15	0.47							1.0
THN	BN	628	139	ES		1921	52.56	-0.72							1.0
AMRT	HN	655	150	ES		1921	57.96	-0.64							1.0
AMRT	HE	655	150	IAML		1922	0.79			890	0.1				
AMRT	HN	655	150	IAML		1922	1.01			608	0.2				
DHRM	HZ	674	137	EP		1920	58.60	-0.21							1.0
DHRM	HN	674	137	ES		1922	2.91	-0.97							1.0
DHRM	HN	674	137	IAML		1922	6.81			1165	0.6				
DHRM	HE	674	137	IAML		1922	7.28			909	0.6				
BHK	BZ	753	141	E		1921	7.36								
BHK	BN	753	141	E		1922	18.88								
BHK	BE	753	141	IAML		1922	21.85			292	0.4				
BHK	BN	753	141	IAML		1922	22.49			296	0.2				
SDNR	BZ	771	137	EP		1921	10.05	0.59							1.0
SDNR	BN	771	137	ES		1922	21.39	-0.92							1.0
SDNR	BN	771	137	IAML		1922	23.95			104	0.3				
SDNR	BE	771	137	IAML		1922	24.20			148	0.2				
SMLA	HZ	823	138	EP		1921	15.74	0.01							1.0
SMLA	HN	823	138	ES		1922	32.17	-0.99							1.0
SMLA	HN	823	138	IAML		1922	37.30			322	0.2				
SMLA	HE	823	138	IAML		1922	37.84			264	0.3				
DDI	HN	945	138	ES		1922	58.15	0.38							1.0
DDI	HE	945	138	IAML		1923	1.65			165					
DDI	HN	945	138	IAML		1923	9.92			157	0.4				

JOSI	BN	1023	130	ES	1923	15.68	1.65									1.0
AYAN	BZ	1065	148	EP	1921	43.74	-0.55									1.0
AYAN	BE	1065	148	ES	1923	20.94	-1.63									1.0
AYAN	BE	1065	148	IAML	1923	25.84			56	0.5						
AYAN	BN	1065	148	IAML	1923	26.29			48	0.1						
MUKT	HZ	1118	134	EP	1921	50.19	-0.67									1.0
MUKT	HN	1118	134	ES	1923	35.20	1.27									1.0
MUKT	HE	1118	134	IAML	1923	49.57			40	0.9						
MUKT	HN	1118	134	IAML	1923	55.09			47	0.4						
PTH	BZ	1143	132	EP	1921	53.54	-0.63									1.0
PTH	BN	1143	132	ES	1923	39.25	-0.41									1.0
AJM	BZ	1189	164	EP	1921	57.19	-1.87									1.0
AJM	BN	1189	164	ES	1923	49.07	0.96									1.0
AJM	BN	1189	164	IAML	1923	51.45			25	0.4						
BHPL	HZ	1608	157	EP	1922	49.90	0.61									0.9
BHPL	HN	1608	157	ES	1925	16.28	1.26									0.9

July 14 2023 Hour: 22:59 30.6 Lat: 37.44N Lon: 72.17E D: 36.0 Ag: NCS Local
Magnitudes: 3.7ML NCS Rms: 1.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	570	151	EP		23 0	44.22	0.14							1.0
UDMP	HN	570	151	ES		23 1	37.75	0.04							1.0
JMU	BZ	571	154	EP		23 0	44.48	0.28							1.0
JMU	BE	571	154	IAML		23 1	37.47			109	0.4				
JMU	BN	571	154	ES		23 1	37.62	-0.30							1.0
JMU	BN	571	154	IAML		23 1	39.71			245	0.5				
THN	BZ	646	148	EP		23 0	53.25	-0.21							1.0
THN	BN	646	148	ES		23 1	54.43	0.48							1.0
DHRM	HZ	689	146	EP		23 0	59.42	0.04							1.0
DHRM	HN	689	146	ES		23 2	4.05	-0.14							1.0
DHRM	HN	689	146	IAML		23 2	6.99			133	0.4				
DHRM	HE	689	146	IAML		23 2	8.17			96	0.2				
SDNR	BZ	786	145	EP		23 1	13.11	2.61							1.0
SDNR	BN	786	145	ES		23 2	23.75	0.32							1.0
SMLA	HZ	838	145	EP		23 1	15.77	-1.31							1.0
SMLA	HN	838	145	ES		23 2	33.46	-1.34							1.0
SMLA	HE	838	145	IAML		23 2	37.16			46	0.3				
SMLA	HN	838	145	IAML		23 2	37.45			62	0.2				
MUKT	HZ	1125	140	EP		23 1	50.71	-1.49							1.0
MUKT	HN	1125	140	ES		23 3	36.45	0.88							1.0

July 15 2023 Hour: 1:34 46.1 Lat: 19.49N Lon: 77.05E D: 5.0F Ag: NCS Local
Magnitudes: 3.5ML NCS 3.7MW NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LATR	BZ	131	205	EP		135	7.65	-1.15							1.0
LATR	BN	131	205	ES		135	24.39	-1.02							1.0
LATR	BE	131	205	IAML		135	26.95			750	0.0				
LATR	BZ	131	205	I		135	29.96								
SLPR	HZ	233	211	EPg	*	135	23.72	-2.76							0.0
SLPR	HN	233	211	ESg		135	51.90	-1.33							1.0
SLPR	HE	233	211	IAML		135	52.52			194	0.4				
SLPR	HZ	233	211	IRg		136	4.24	0.45							1.0
KLBG	HZ	241	185	EP		135	22.36	-0.24							1.0
KLBG	HE	241	185	ES		135	50.15	0.87							1.0
KLBG	HZ	241	185	IRg		136	06.65	0.35							1.0
HYB	HZ	278	145	EP		135	27.07	-0.20							1.0
HYB	HE	278	145	ES		135	57.94	0.59							1.0
HYB	HE	278	145	IAML		136	4.72			1242	0.6				
HYB	HZ	278	145	I		136	9.10								
KAD	BN	387	232	E		135	56.62								
KAD	BN	387	232	E		136	29.57								
BHPL	HZ	418	5	EP		135	43.93	-0.30							1.0

BHPL	HN	418	5	I	135	50.83										
BHPL	HN	418	5	ES	136	25.65	-1.04									1.0
KNL	HZ	425	166	I	136	59.67										
BOM	BE	450	262	ES	136	34.29	0.80									1.0
VJD	BN	503	130	E	136	57.55										
ATP	HZ	543	173	E	136	50.49										
ATP	HE	543	173	E	137	12.48										
ATP	HE	543	173	IAML	137	16.71				114	0.7					
UDPR	BE	661	329	ES	137	18.63	0.60									1.0
RAGD	BN	674	91	E	137	15.87										
MDRS	HE	793	155	E	138	19.72										
KOD	BN	1025	177	ES	138	35.43	0.03									1.0
SMLA	HN	1290	1	ES	139	31.69	0.26									1.0

July 15 2023 Hour: 1:42 13.1 Lat: 19.72N Lon: 76.92E D: 5.0F Ag: NCS Local
Magnitudes: 2.5ML NCS Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LATR	BZ	151	196	EP		142	39.20	0.45							1.0
LATR	BZ	151	196	E		142	40.24					23	7	7.4	
LATR	BN	151	196	ES		142	56.61	-0.86							1.0
LATR	BN	151	196	IAML		142	58.00			73	0.1				
LATR	BN	151	196	IAML		142	58.72			76					
LATR	BZ	151	196	IRg		143	3.78	0.36							1.0
HYB	HZ	308	146	EPg		143	24.22	17.79							0.0
HYB	HE	308	146	ES		143	30.65	0.05							1.0
HYB	HZ	308	146	I		143	43.06								
HYB	HZ	308	146	E		143	45.74								

July 15 2023 Hour: 9:58 36.0 Lat: 37.43N Lon: 72.22E D: 284.2 Ag: NCS Local
Magnitudes: 3.5ML NCS Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	567	151	E		959	24.57								
UDMP	HN	567	151	ES		10 0	53.08	-0.17							1.0
THN	BZ	643	148	EP		10 0	3.88	0.10							1.0
THN	BN	643	148	ES		10 1	8.16	0.28							1.0
DHRM	HZ	686	146	EP		10 0	9.03	0.29							1.0
DHRM	HN	686	146	ES		10 1	16.20	-0.28							1.0
DHRM	HE	686	146	IAML		10 1	19.08			49	0.2				
DHRM	HN	686	146	IAML		10 1	19.41			37	0.6				
SMLA	HZ	834	145	EP		10 0	25.35	-0.39							1.0
SMLA	HN	834	145	ES		10 1	46.03	0.16							1.0
SMLA	HE	834	145	IAML		10 1	47.86			33	0.4				

July 15 2023 Hour: 10:46 1.2 Lat: 30.54N Lon: 79.43E D: 8.5 Ag: NCS Local
Magnitudes: 2.1ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JOSI	BZ	13	83	EPg		1046	3.59	-0.47							1.0
JOSI	BN	13	83	ESg		1046	6.40	0.27							1.0
MUKT	HZ	122	170	EPg		1046	23.48	1.06							1.0
MUKT	HN	122	170	ESg		1046	37.24	-0.66							1.0
MUKT	HE	122	170	IAML		1046	41.23			51	0.4				
PTH	BZ	130	145	EPg		1046	22.63	-1.11							1.0
PTH	BN	130	145	ESg		1046	40.72	0.55							1.0
PTH	BN	130	145	IAML		1046	42.78			25	0.2				
LGTI	BZ	142	153	EPg		1046	26.42	0.51							1.0
LGTI	BN	142	153	ESg		1046	43.76	-0.17							1.0

July 16 2023 Hour: 6:48 20.0 Lat: 54.68N Lon: 161.22W D: 10.0F Ag: NCS Distant
 Magnitudes: 6.7Mb NCS 7.4MW NCS Rms: 1.0 secs
 Rms: 1.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ZIRO	SZ	8445	298	IP	C	7 0	8.53	0.88							1.0
ITAN	SZ	8487	298	IP	C	7 0	10.39	0.56							1.0
ITAN	SZ	8487	298	IAmb		7 0	14.54			774	1.3				
JORH	HZ	8493	297	IP	C	7 0	10.79	0.70							1.0
MOKO	SZ	8515	297	IP	C	7 0	12.55	0.81							1.0
TEZP	SZ	8587	298	IP	C	7 0	13.94	-0.93							1.0
KOHI	SZ	8593	297	IP	C	7 0	15.66	-0.09							1.0
KOHI	SZ	8593	297	IAmb		7 0	19.29			971	1.0				
KOHI	SZ	8593	297	IPP		7 3	7.43	-2.21							1.0
IMP	SZ	8683	296	IP	C	7 0	20.04	0.28							1.0
IMP	SZ	8683	296	IAmb		7 0	23.44			805	0.9				
IMP	SZ	8683	296	I		7 3	11.37								
IMP	SZ	8683	296	E		710	7.08								
ALCI	BZ	8692	314	IP	C	7 0	21.50	1.42							1.0
SHL	HZ	8729	298	IP	C	7 0	21.65	-0.84							1.0
HNLY	BZ	8744	312	IP	C	7 0	24.14	1.47							1.0
SILR	SZ	8754	297	IP	C	7 0	24.11	0.89							1.0
GTK	SZ	8758	302	IP	C	7 0	24.27	0.38							1.0
GTK	SZ	8758	302	IAmb		7 0	30.50			292	0.8				
GTK	SZ	8758	302	I		7 3	24.52								
COBR	BZ	8804	300	IP	C	7 0	26.15	0.48							1.0
JPG	BZ	8823	301	IP	C	7 0	27.71	1.10							1.0
TURA	SZ	8833	299	IP	C	7 0	26.72	-0.43							1.0
TURA	SZ	8833	299	I		7 3	27.78								
TURA	SZ	8833	299	E		710	25.25								
CMPI	HZ	8841	296	EP		7 0	28.46	0.65							1.0
UDMP	HZ	8912	315	EP		7 0	32.01	1.31							1.0
JOSI	BZ	8927	310	EP		7 0	32.31	0.64							1.0
JOSI	BZ	8927	310	IAmb		7 0	34.48			380	0.8				
ARIA	BZ	8929	302	E		7 0	32.47								
JMU	BZ	8938	315	EP		7 0	33.17	1.24							1.0
JMU	BZ	8938	315	IAmb		7 0	38.08			800	0.9				
BELO	SZ	8971	297	IP	C	7 0	34.92	1.06							1.0
BELO	SZ	8971	297	IAmb		7 0	37.43			936	0.8				
BELO	SZ	8971	297	I		710	58.05								
SMLA	HZ	8988	312	EP		7 0	35.04	0.36							1.0
BHK	BZ	9000	313	IP	C	7 0	35.33	0.36							1.0
DDI	HZ	9023	311	EP		7 0	36.29	0.19							1.0
DDI	HZ	9023	311	IAmb		7 0	38.98			525	0.8				
MUKT	HZ	9026	310	EP		7 0	37.46	0.81							1.0
CGRH	BZ	9046	312	EP		7 0	37.08	-0.12							1.0
BRCH	BZ	9107	307	EP		7 0	40.63	0.44							1.0
JMUI	BZ	9109	302	IP	C	7 0	40.17	-0.18							1.0
HRYA	BZ	9135	306	EP		7 0	41.77	0.26							1.0
CAL	BZ	9214	299	EP		7 0	45.37	0.03							1.0
BISR	BZ	9220	311	EP		7 0	45.65	0.16							1.0
JMIU	BZ	9229	311	EP		7 0	45.56	-0.28							1.0
FBD	HZ	9241	311	I		7 4	2.44								
AYAN	BZ	9244	311	IP	C	7 0	46.41	-0.19							1.0
JHJR	BZ	9255	311	EP		7 0	47.22	0.15							1.0
PTDI	HZ	9276	311	EP		7 0	48.62	0.53							1.0
ALBI	BZ	9309	306	IP	C	7 0	48.87	-0.80							1.0
ALBI	BZ	9309	306	IAmb		7 0	51.51			850	0.9				
CHUR	HZ	9367	313	EP		7 0	51.66	-0.56							1.0
BNDA	BZ	9370	307	IP	C	7 0	50.73	-1.73							1.0
JHNI	BZ	9460	308	EP		7 0	55.09	-1.38							1.0
JPR	HZ	9467	311	EP		7 0	56.48	-0.31							1.0
BKNR	BZ	9472	314	EP		7 0	56.69	-0.24							1.0
AJM	BZ	9563	312	IP	C	7 1	0.31	-0.79							1.0

AJM	BZ	9563	312	IAmb		7	1	6.82		541	1.1	
BWNR	BZ	9567	300	IP	C	7	1	1.81	0.40			1.0
BWNR	BZ	9567	300	I		7	4	23.49				
BLSP	BZ	9593	304	IP	C	7	1	1.69	-0.88			1.0
BLSP	BZ	9593	304	IAmb		7	1	4.45		266	0.8	
BLSP	BZ	9593	304	I		7	4	22.83				
GUNA	BZ	9602	309	EP		7	1	1.99	-0.87			1.0
JBPL	HZ	9607	306	EP		7	1	2.18	-0.91			1.0
JBPL	HZ	9607	306	I		7	4	28.74				
JODH	HZ	9655	313	I		7	4	26.72				
JASL	BZ	9689	315	EP		7	1	6.61	0.07			1.0
JASL	BZ	9689	315	IAmb		7	1	12.82		493	1.0	
RAIP	HZ	9705	304	EP		7	1	6.87	-0.63			1.0
BHPL	HZ	9732	308	IP	C	7	1	7.63	-0.93			1.0
BHPL	HZ	9732	308	IAmb		7	1	15.31		1402	1.1	
BHPL	HZ	9732	308	I		7	4	34.50				
CNWR	HZ	9769	306	EP		7	1	9.97	-0.22			1.0
DGPR	HZ	9806	290	EP		7	1	10.94	-1.00			1.0
DGPR	HZ	9806	290	IAmb		7	1	15.34		657	0.9	
JGDP	HZ	9886	302	EP		7	1	15.24	-0.00			1.0
VISK	HZ	9943	301	IP	C	7	1	17.89	0.29			1.0
VISK	HZ	9943	301	I		7	4	47.35				
BHUJ	HZ10107	314	IP	C	7	1	24.86	0.58				1.0
BHUJ	HZ10107	314	I		7	11	58.90					
BHV	BZ10138	312	IP	C	7	1	23.57	-2.03				1.0
BHV	BZ10138	312	IAmb		7	1	32.56		260	0.8		
BHV	BZ10138	312	I		7	5	1.25					
HYB	HZ10231	304	IP	C	7	1	29.15	-0.57				1.0
HYB	HZ10231	304	IAmb		7	1	35.49		99	0.6		
HYB	HZ10231	304	I		7	5	14.05					
AURD	HZ10256	306	EP		7	1	29.95	-0.75				1.0
AURD	HZ10256	306	I		7	5	13.12					
PALG	HZ10268	310	EP		7	1	30.33	-0.73				1.0
KLBG	HZ10331	306	EP		7	1	33.62	-0.16				1.0
KLBG	HZ10331	306	I		7	5	12.20					
P00	HZ10368	309	IP	C	7	1	34.87	-0.44				1.0
P00	HZ10368	309	I		7	5	22.49					
BOM	BZ10384	310	IP	C	7	1	30.91	-4.94				0.0
BOM	BZ10384	310	I		7	5	16.57					
KNL	HZ10417	304	EP		7	1	36.66	-0.73				1.0
ATP	HZ10549	304	EP		7	1	42.23	-0.55				1.0
ATP	HZ10549	304	I		7	5	35.62					
MDRS	HZ10564	301	IP	C	7	1	43.16	-0.29				1.0
GOA	HZ10664	307	IP	C	7	1	45.74	-1.67				1.0
GOA	HZ10664	307	IAmb		7	1	51.83		51	0.6		
MYSR	HZ10816	304	EP		7	1	53.14	-0.54				1.0
MYSR	HZ10816	304	I		7	5	53.53					
KDGU	HZ10845	304	EP		7	1	54.67	-0.21				1.0
KDGU	HZ10845	304	I		7	5	51.23					
TRVM	HZ11169	301	EP		7	2	13.10	5.52				1.0
TRVM	HZ11169	301	I		7	6	16.36					
TRVM	HZ11169	301	E		7	8	31.79					
AGT	SZ	8924	298	EP		7	0	32.81	1.24			1.0
AGT	SZ	8924	298	IAmb		7	0	36.18		708	1.0	
AGT	SZ	8924	298	I		7	10	52.19				
AGT	SN			ES		7	10	34.09				
BOKR	HZ	9233	302	IP	C	7	0	46.29	0.01			1.0
BOKR	HZ	9233	302	IAmb		7	0	49.10		482	1.0	
BOKR	HZ	9233	302	I		7	4	0.93				
BOKR	HN			ES		7	11	0.29				
PTH	BZ			IP	C	7	0	34.69				
PTH	BZ			I		7	3	41.79				
PTH	BN			ES		7	10	37.25				
SLPR	HN			ES		7	12	2.76				

SLPR	HZ10345	307	EP	7	1	34.26	-0.12										1.0
SLPR	HZ		I	7	5	15.29											
UDMP	HN		ES	710		33.93											
ATP	HN		ES	712		12.73											
DHRM	HZ	8922	314	EP	7	0	32.01	0.09									1.0
DHRM	HZ	8922	314	I	7	3	36.77										

July	16	2023	Hour:	6:50	43.7								Ag:	Distant			
STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
KNKR	BZ			EP		7	1	10.82									
KNTI	BZ			IP	C	7	0	50.26									
KOD	BZ			EP		7	1	59.60									
LATR	BZ			EP		7	1	29.60									
LATR	BZ			IAmb		7	1	36.75		238	0.8						
LDR	HZ			IP	C	7	0	45.02									
LKN	BZ			EP		7	0	45.50									
LKN	BZ			IAmb		7	0	51.43		2635	0.8						
MERT	BZ			EP		7	0	42.46									
NDI	HZ			EP		7	0	45.46									
NDI	HZ			IAmb		7	0	48.90		635	1.2						
NPL	BZ			EP		7	0	46.50									
PTH	BZ			IP	C	7	0	35.02									
PTH	BZ			I		710		42.10									
PTH	BZ			E		716		24.70									
RAGD	BZ			IP	C	7	1	11.67									
RAGD	BZ			IAmb		7	1	14.21		477	1.0						
RAGD	BZ			I		711		53.64									
RAGD	BZ			E		718		8.46									
RTK	BZ			EP		7	0	44.78									
SALM	BZ			IP	C	7	1	52.67									
SALM	BZ			I		7	5	49.97									
SALM	BZ			E		714		36.15									
SDNR	BZ			EP		7	0	33.49									
SDNR	BZ			IAmb		7	0	35.60		389	1.0						
SONA	BZ			EP		7	0	47.43									
SRGN	BZ			EP		7	0	47.00									
SRIN	BZ			EP		7	0	27.89									
STM	BZ			EP		7	0	35.39									
THN	BZ			EP		7	0	31.86									
UDPR	BZ			IP	C	7	1	10.18									
UDPR	BZ			I		7	4	41.81									
UDPR	BZ			E		711		42.69									
UJWA	BZ			EP		7	0	46.76									
UTK	BZ			IP	C	7	0	33.28									
VAR	BZ			EP		7	0	46.36									
VJD	BZ			IP	C	7	1	24.84									
VLK	BZ			IP	C	7	0	35.67									
VLK	BZ			I		7	3	45.05									
VLK	BZ			IAmb		7	0	38.68		1451	1.3						

July	16	2023	Hour:	14:23	34.2	Lat:	25.79N	Lon:	91.20E	D:	10.0F	Ag:	NCS	Local	
Magnitudes: 4.2ML 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
SHL	HZ	83	107	EPg		*1423	46.16	-3.02							0.0
SHL	HN	83	107	IAML		1423	54.37			8228	0.2				
SHL	HE	83	107	IAML		1423	54.42			3871	0.1				
SHL	HE	83	107	ESg		1423	55.94	-1.18							1.0
TURA	SZ	102	253	EPg		1423	51.39	-0.59							1.0
TURA	SN	102	253	ESg		1424	3.88	-1.11							1.0
TURA	SN	102	253	IAML		1424	4.97			14511	0.2				
TURA	SE	102	253	IAML		1424	5.13			13999	0.0				
TEZP	SZ	185	60	EP		1424	2.78	-0.47							1.0
TEZP	SZ	185	60	I		1424	4.72								

TEZP	SN	185	60	ES	1424	26.06	1.58										1.0
TEZP	SE	185	60	IAML	1424	27.13		4318	0.2								
TEZP	SN	185	60	IAML	1424	27.30		7253	0.2								
SILR	SZ	196	124	E	1424	7.64											
SILR	SE	196	124	E	1424	34.02											
AGT	SZ	210	179	EP	*1424	5.46	-0.90										0.0
AGT	SE	210	179	ES	1424	31.85	2.89										1.0
JPG	BN	263	289	IAML	1424	53.03		940	0.2								
JPG	BE	263	289	IAML	1424	53.05		1107	0.2								
BELO	SZ	282	175	EP	1424	14.82	-0.33										1.0
BELO	SN	282	175	E	1424	52.79											
KOHI	SZ	292	91	EP	1424	17.88	0.98										1.0
KOHI	SN	292	91	ES	1424	49.05	0.95										1.0
GTK	SZ	309	304	EP	*1424	20.71	1.69										0.0
GTK	SN	309	304	ES	1424	53.83	0.38										1.0
ZIRO	SZ	327	53	EP	1424	20.67	0.02										1.0
ZIRO	SN	327	53	ES	1424	54.03	-0.55										1.0
ZIRO	SE	327	53	IAML	1425	11.09		8739	0.6								
ZIRO	SN	327	53	IAML	1425	11.92		6650	0.3								
MOKO	SZ	337	79	EP	1424	21.48	-0.88										1.0
JMUI	BZ	509	260	EP	1424	42.75	-0.11										1.0
JMUI	BE	509	260	ES	1425	33.38	0.37										1.0
BOKR	HZ	581	249	EP	1424	50.53	-1.14										1.0
BOKR	HZ	581	249	I	1424	56.92											
BOKR	HE	581	249	ES	1425	47.62	-0.63										1.0
BOKR	HE	581	249	IAML	1426	22.98		134	0.6								
BOKR	HN	581	249	IAML	1426	24.77		193	0.5								
STM	BE	601	282	ES	1425	52.76	0.30										1.0
VLK	BE	747	286	ES	1426	26.26	2.89										1.0
BWNR	BZ	824	223	EP	1425	21.60	0.31										1.0
BWNR	BE	824	223	E	1426	50.02											
RAGD	BZ	1076	229	EP	1425	52.40	0.36										1.0
RAGD	BN	1076	229	E	1427	44.98											
RAIP	HN	1098	244	ES	1427	40.88	3.44										1.0
PTH	BZ	1163	294	EP	1426	2.28	-1.03										1.0
PTH	BN	1163	294	ES	1427	53.63	1.45										1.0
JBPL	HZ	1176	258	EP	1426	2.91	-1.33										1.0
JBPL	HN	1176	258	ES	1427	53.93	0.14										1.0
VISK	HZ	1207	224	E	1426	13.69											
VISK	HN	1207	224	E	1428	0.97											
MUKT	HZ	1209	292	EP	1426	8.12	-0.59										1.0
MUKT	HE	1209	292	ES	1428	2.18	0.66										1.0
JHNI	BZ	1264	271	E	1426	7.67											
JHNI	BN	1264	271	ES	1428	11.56	-0.89										1.0
SMLA	HZ	1494	297	EP	1426	42.24	-1.20										1.0
SMLA	HN	1494	297	ES	1429	0.72	-0.89										1.0
HYB	HZ	1602	237	EP	1426	54.43	-1.97										0.9

July 17 2023 Hour: 2: 6 16.5
 Magnitudes: 2.7ML NCS
 Rms: 0.0 secs

Lat: 22.96N Lon: 69.00E D: 10.0
 Rms: 0.0 secs

Ag: NCS Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHUJ	HZ	74	64	EPg		2 6	29.49	0.00							1.0
BHUJ	HZ	74	64	I		2 6	29.50					244	0	7.3	
BHUJ	HN	74	64	ESg		2 6	38.95	-0.00							1.0
BHUJ	HE	74	64	IAML		2 6	39.79			321	0.2				
BHUJ	HN	74	64	IAML		2 6	40.24			230	0.2				

July 17 2023 Hour: 3: 5 14.4 Lat: 39.22S Lon: 70.00W D:179.2 Ag: NCS Distant
 Magnitudes: 6.7MW NCS Rms: 1.3 secs
 Rms: 1.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ASIV	HZ			EP		324	26.95								
AURD	HZ			EP		324	27.97								
TRVM	HZ15281	127	I			333	42.35								
KOCH	HZ15379	125	I			327	33.65								
CHT	HZ15411	126	I			327	34.25								
KOD	BZ15464	126	EP			324	20.95	1.39							1.0
KDGU	HZ15540	122	EP			324	14.87	-5.67							0.0
KDGU	HZ15540	122	I			327	37.24								
BOM	BZ15793	111	I			327	36.64								
BHUJ	HZ15825	103	I			334	10.86								
ATP	HZ15840	122	EP			324	21.85	-3.38							0.0
ATP	HZ15840	122	I			327	44.42								
POO	HZ15850	113	EP			324	22.66	-2.78							1.0
PALG	HZ15882	110	I			327	43.23								
MDRS	HZ15887	127	EP			324	27.23	1.30							1.0
MDRS	HZ15887	127	I			334	14.79								
TPTI	HZ15906	125	EP			324	25.30	-0.96							1.0
BHV	BZ15936	107	EP			324	26.15	-0.57							1.0
BHV	BZ15936	107	I			327	40.22								
SRAT	HZ15945	109	EP			324	25.69	-1.15							1.0
SLPR	HZ15949	116	EP			324	23.81	-3.16							0.0
SLPR	HZ15949	116	I			327	39.04								
KNL	HZ15961	121	EP			324	25.61	-1.53							1.0
KNL	HZ15961	121	IPP			327	42.03	0.39							1.0
LATR	BZ16051	116	EP			324	28.32	0.79							1.0
HYB	HZ16130	120	EP			324	30.51	0.68							1.0
HYB	HZ16130	120	E			325	17.71								
HYB	HZ16130	120	IPPP			334	25.29								
JASL	BZ16150	99	EP			324	31.08	0.88							1.0
VJD	BZ16213	123	E			324	35.54								
UDPR	BZ16249	105	EP			324	33.14	1.55							1.0
JODH	HZ16294	102	EP			324	33.38	1.17							1.0
BKNR	BZ16424	99	EP			324	33.43	-0.71							1.0
AJM	BZ16438	103	EP			324	34.35	-0.03							1.0
BHPL	HZ16468	110	EP			324	34.15	-0.67							1.0
VISK	HZ16503	125	EP			324	34.94	-0.32							1.0
CNWR	HZ16506	114	EP			324	34.95	-0.45							1.0
GUNA	BZ16553	108	EP			324	37.37	1.32							1.0
GUNA	BZ16553	108	I			328	14.22								
SRGN	BZ16567	96	EP			324	34.80	-1.39							1.0
RAGD	BZ16636	123	EP			324	37.71	0.52							1.0
RAIP	HZ16656	118	EP			324	37.56	0.09							1.0
JBPL	HZ16667	113	EP			324	37.80	0.16							1.0
JBPL	HZ16667	113	I			328	18.54								
DGPR	HZ16675	145	EP			324	43.22	5.52							0.0
JHNI	BZ16710	108	EP			324	37.91	-0.32							1.0
JHNI	BZ16710	108	I			328	19.58								
JHNI	BZ16710	108	E			329	4.31								
GWAL	HZ16724	106	EP			324	39.11	0.71							1.0
GWAL	HZ16724	106	I			328	22.13								
RTK	BZ16737	100	EP			324	38.16	-0.43							1.0
JHJR	BZ16737	101	EP			324	39.50	0.90							1.0
UJWA	BZ16753	101	EP			324	40.81	1.99							1.0
UJWA	BZ16753	101	I			328	28.69								
BLSP	BZ16762	118	EP			324	38.97	0.02							1.0
BLSP	BZ16762	118	E			329	8.49								
AYAN	BZ16767	101	EP			324	39.51	0.49							1.0
AYAN	BZ16767	101	E			329	8.49								
FBD	HZ16779	102	I			328	24.53								

NPL	BZ16779	101	EP	324	39.15-0.03	1.0
NPL	BZ16779	101	I	328	28.69	
LDR	HZ16780	101	EP	324	40.21 1.02	1.0
LDR	HZ16780	101	I	328	26.65	
JMU	BZ16782	92	EP	324	37.99-1.26	1.0
NDI	HZ16785	101	EP	324	38.55-0.71	1.0
NDI	HZ16785	101	I	328	26.65	
JMIU	BZ16786	101	EP	324	37.21-2.06	1.0
JMIU	BZ16786	101	I	328	26.14	
BISR	BZ16798	102	EP	324	39.65 0.22	1.0
BISR	BZ16798	102	I	328	26.14	
BISR	BZ16798	102	E	329	10.87	
UDMP	HZ16813	92	EP	324	40.91 1.17	1.0
SRIN	BZ16832	89	EP	324	46.82 6.68	0.0
MERT	BZ16845	101	EP	324	39.90-0.18	1.0
MERT	BZ16845	101	I	328	30.73	
MERT	BZ16845	101	EPS	329	11.58	
THN	BZ16852	93	EP	324	40.36 0.12	1.0
BNDA	BZ16852	110	EP	324	38.97-1.19	1.0
CGRH	BZ16856	97	EP	324	41.17 0.93	1.0
DHRM	HZ16886	94	EP	324	42.22 1.28	1.0
BWNR	BZ16887	125	EP	324	42.46 1.85	1.0
BHK	BZ16901	96	EP	324	40.41-0.45	1.0
SMLA	HZ16908	97	EP	324	41.86 0.59	1.0
DDI	HZ16945	99	EP	324	42.85 1.36	1.0
LKN	BZ16979	108	EP	324	42.76 0.91	1.0
LKN	BZ16979	108	I	328	38.90	
LKN	BZ16979	108	E	329	17.71	
MUKT	HZ17034	102	EP	324	43.00 0.07	1.0
ALCI	BZ17044	90	EP	324	45.04 1.82	1.0
VAR	BZ17051	113	EP	324	43.36 0.58	1.0
VAR	BZ17051	113	IPP	328	32.77-5.80	1.0
LGTI	BZ17067	103	EP	324	43.06-0.20	1.0
LGTI	BZ17067	103	I	328	40.94	
JOSI	BZ17084	100	EP	324	42.31-1.22	1.0
BRCH	BZ17088	108	EP	324	42.53-0.73	1.0
PTH	BZ17088	102	EP	324	43.36-0.15	1.0
VLK	BZ17269	111	EP	324	45.92 0.39	1.0
VLK	BZ17269	111	IPP	328	51.15 1.60	1.0
JMUI	BZ17279	118	E	324	40.44	
STMR	BZ17333	114	EP	324	48.18 1.91	1.0
BELO	SZ17520	130	I	329	3.13	
AGT	SZ17560	128	I	328	59.48	
JPG	BZ17584	119	EP	324	46.43-2.73	1.0
TURA	SZ17619	124	EP	324	48.81-0.79	1.0
TURA	SZ17619	124	I	325	27.22	
TURA	SZ17619	124	EsP	326	13.11	
TURA	SZ17619	124	I	328	58.79	
TURA	SZ17619	124	E	329	53.58	
COBR	BZ17622	121	E	329	7.89	
GTK	SZ17631	117	EP	324	49.15-0.74	1.0
GTK	SZ17631	117	IpP	325	38.41 1.48	1.0
GTK	SZ17631	117	EsP	326	14.30	
GTK	SZ17631	117	I	329	8.63	
CMPI	HZ17662	133	EP	324	51.11 0.85	1.0
SILR	SZ17739	130	I	329	13.17	
SHL	HZ17739	126	EP	324	50.94-0.14	1.0
SILR	SZ17739	130	E	330	4.99	
IMP	SZ17817	132	EP	324	51.02-0.72	1.0
IMP	SZ17817	132	I	325	35.38	
IMP	SZ17817	132	I	329	5.63	
IMP	SZ17817	132	E	330	2.48	
TEZP	SZ17888	126	EP	324	51.19-1.13	1.0
TEZP	SZ17888	126	IpP	325	37.93-1.46	1.0

TEZP	SZ17888	126	E	330	1.11	
TAWA	SZ17896	122	I	329	21.85	
KOHI	SZ17904	131	EP	324	51.87-0.82	1.0
KOHI	SZ17904	131	I	325	35.12	
KOHI	SZ17904	131	I	329	18.88	
KOHI	SZ17904	131	E	330	9.10	
MOKO	SZ17980	130	EP	324	54.25 0.82	1.0
MOKO	SZ17980	130	I	325	41.66	
MOKO	SZ17980	130	E	326	28.06	
ITAN	SZ17994	127	EP	324	52.89-0.46	1.0
ITAN	SZ17994	127	I	325	41.83	
ITAN	SZ17994	127	E	330	6.81	
ZIRO	SZ18033	126	EP	324	51.87-1.84	1.0
ZIRO	SZ18033	126	IPP	329	29.59 2.80	1.0
ZIRO	SZ18033	126	EPPP	330	9.10	

July 17 2023 Hour: 4:42 15.6 Lat: 1.27S Lon: 126.40E D: 10.0F Ag: NCS Distant
Magnitudes: 5.8Mb NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IMP	SZ	4539	312	EP		449	56.13-0.99								1.0
KOHI	SZ	4582	313	EP		450	0.03-0.83								1.0
MOKO	SZ	4589	314	EP		450	1.12-0.16								1.0
MOKO	SZ	4589	314	IAmb		450	4.38			34	0.6				
TEZP	SZ	4747	313	IP	D	450	12.06-0.33								1.0
SHL	HZ	4748	311	IP		450	12.53-0.46								1.0
TAWA	SZ	4885	313	EP		450	24.05 0.96								1.0
TURA	SZ	4894	310	EP		450	23.40 0.26								1.0
TURA	SZ	4894	310	IAmb		450	24.68			40	0.3				
BWNR	BZ	5025	300	EP		450	32.48-0.00								1.0
VISK	HZ	5167	296	IP	D	450	43.39 0.86								1.0
RAGD	BZ	5213	298	EP		450	46.84 1.07								1.0
MDRS	HZ	5341	289	EP		450	54.71-0.07								1.0
MDRS	HZ	5341	289	IAmb		451	6.80			174	1.4				
VJD	BZ	5396	293	EP		450	59.32 0.73								1.0
KNKR	BZ	5445	298	E		451	1.82								
BLSP	BZ	5453	301	EP		451	2.97 0.39								1.0
SALM	BZ	5524	286	EP		451	7.79 0.34								1.0
VLK	BZ	5546	308	EP		451	10.24 1.34								0.9
GKPR	BZ	5553	307	E		451	43.59								
KOD	BZ	5568	284	EP		451	10.56-0.13								1.0
TRVM	HZ	5591	282	IP		451	11.37-0.59								1.0
HYB	HZ	5639	294	EP		451	14.55-0.74								1.0
ATP	HZ	5651	290	IP	D	451	16.68 0.65								1.0
MYSR	HZ	5710	287	IP		451	19.60-0.40								1.0
MYSR	HZ	5710	287	I		451	30.84								
JBPL	HZ	5712	301	IP		451	20.44 0.30								1.0
BRCH	BZ	5756	307	EP		451	24.04 0.91								1.0
KDGU	HZ	5782	287	IP		451	25.05 0.10								1.0
KDGU	HZ	5782	287	I		451	36.58								
LATR	BZ	5876	294	EP		451	30.68-0.50								1.0
ASIV	HZ	5885	294	IP		451	31.29-0.51								1.0
JHNI	BZ	5932	303	IP	D	451	34.38-0.42								1.0
BHPL	HZ	5955	300	EP		451	36.49 0.13								1.0
PTH	BZ	5978	309	EP		451	37.55-0.98								1.0
MUYR	HZ	5998	309	EP		451	39.10-0.56								1.0
GUNA	BZ	6018	302	IP		451	40.68 0.09								1.0
MUKT	HZ	6020	308	EP		451	40.11-0.88								1.0
JOSI	BZ	6082	309	IP		451	45.68 0.79								1.0
UTK	BZ	6187	309	EP		451	52.69 0.94								1.0
SONA	BZ	6194	306	EP		451	50.97-1.02								1.0
AYAN	BZ	6199	306	EP		451	51.25-1.08								1.0
NDI	HZ	6200	306	EP		451	51.44-0.93								1.0
DDI	HZ	6201	309	IP		451	52.70 0.29								1.0

KUDL	HZ	6242	305	EP		451	54.40-0.62								1.0
JPR	HZ	6248	304	EP		451	55.45 0.00								1.0
BOM	BZ	6268	294	E		451	16.45								
BOM	BZ	6268	294	I Amb		451	17.94		75	0.7					
SMLA	HZ	6315	309	EP		452	0.93 0.90								1.0
AJM	BZ	6342	303	IP		452	1.42-0.12								1.0
SDNR	BZ	6358	309	EP		452	3.14 0.63								1.0
UDPR	BZ	6361	300	EP		452	3.14 0.51								1.0
BHK	BZ	6396	309	I	D	452	5.86								
BHV	BZ	6419	297	IP		452	6.42 0.06								1.0
BHV	BZ	6419	297	I Amb		452	18.14		161	1.0					
DHRM	HZ	6443	310	EP		452	7.73-0.86								1.0
JODH	HZ	6485	302	EP		452	10.21-0.31								1.0
THN	BZ	6494	310	EP		452	12.03 0.87								1.0
BKNR	BZ	6530	304	EP		452	12.63-0.71								1.0
SRGN	BZ	6551	306	EP		452	14.49-0.20								1.0
UDMP	HZ	6574	310	EP		452	16.57 0.44								1.0
JMU	BZ	6593	310	IP	D	452	18.27 1.00								1.0
JASL	BZ	6711	302	EP		452	24.57-0.01								1.0

July 17 2023 Hour: 16:37 26.3 Lat: 33.13N Lon: 75.86E D: 5.0F Ag: NCS Local
Magnitudes: 4.0ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	73	251	EPg		1637	38.44-0.54								1.0
UDMP	HN	73	251	ESg		1637	48.19-0.06								1.0
THN	BZ	77	184	EPg		1637	39.17-0.49								1.0
THN	BE	77	184	ESg		1637	49.90 0.48								1.0
JMU	BZ	104	248	EPg		1637	44.22-0.07								1.0
JMU	BN	104	248	ESg		1638	0.00 2.57								1.0
JMU	BE	104	248	IAML		1638	7.83			892	0.8				
JMU	BN	104	248	IAML		1638	9.67			1471	0.5				
SRIN	BE	142	316	E		1637	53.48								
AMRT	HZ	188	209	EPg		1637	57.45-1.33								1.0
AMRT	HN	188	209	ESg		1638	21.63-0.86								1.0
AMRT	HE	188	209	IAML		1638	22.83			5795	0.2				
AMRT	HN	188	209	IAML		1638	22.89			4749	0.4				
BHK	BZ	199	166	EPg	*	1637	57.92-2.76								0.0
BHK	BN	199	166	ESg		1638	23.25 0.22								1.0
BHK	BN	199	166	IAML		1638	24.70			4270	0.4				
BHK	BE	199	166	IAML		1638	24.88			2276	0.5				
SDNR	BZ	202	151	EP		1637	58.22 0.04								1.0
SDNR	BN	202	151	ES		1638	22.80 1.33								1.0
SMLA	HZ	254	151	EP		1638	4.52-0.25								1.0
SMLA	HZ	254	151	I		1638	6.53								
SMLA	HN	254	151	ES		1638	33.48 0.62								1.0
SMLA	HN	254	151	IAML		1638	37.62			2191	0.4				
SMLA	HE	254	151	IAML		1638	37.69			2816	0.5				
DDI	HE	374	146	ES		1638	58.43 0.68								1.0
DDI	HE	374	146	IAML		1639	5.13			382	0.6				
DDI	HN	374	146	IAML		1639	6.39			318	0.5				
JOSI	BZ	451	128	EP		1638	28.81 0.07								1.0
JOSI	BN	451	128	ES		1639	14.49 0.15								1.0
NDI	HZ	509	165	ES		1639	25.34-0.94								1.0
MUKT	HZ	544	137	EP		1638	40.46 0.24								1.0
MUKT	HE	544	137	ES		1639	35.29 1.10								1.0
PTH	BZ	570	132	EP		1638	43.84 0.16								1.0
PTH	BN	570	132	E		1639	35.35								
AJM	BZ	753	189	EP		1639	5.08-0.33								1.0
AJM	BE	753	189	ES		1640	18.35 0.58								1.0
JASL	BZ	838	216	E		1639	43.47								
BHPL	HZ	1106	172	EP		1639	46.51-2.03								1.0
BHPL	HN	1106	172	ES		1641	31.28-1.10								1.0

July 18 2023 Hour: 7:58 14.9 Lat: 37.42N Lon: 71.49E D:125.0F 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
JMU	BZ	598	148	EP		759	32.54	0.18							1.0
JMU	BN	598	148	ES		8 0	29.44	0.56							1.0
UDMP	HZ	599	145	EP		759	33.19	0.60							1.0
UDMP	HE	599	145	ES		8 0	27.49	-1.78							0.0
THN	BZ	678	143	EP		759	42.15	0.06							1.0
THN	BN	678	143	ES		8 0	44.94	-0.77							1.0
DHRM	HZ	723	141	EP		759	48.18	0.01							1.0
DHRM	HN	723	141	ES		8 0	55.44	-0.79							1.0
DHRM	HE	723	141	IAML		8 0	58.37			180	0.5				
DHRM	HN	723	141	IAML		8 0	58.60			192	0.4				
SDNR	BZ	820	141	EP		759	59.12	-0.01							1.0
SDNR	BN	820	141	ES		8 1	14.58	-0.61							1.0
SMLA	HZ	872	141	EP		8 0	5.27	-0.31							1.0
SMLA	HN	872	141	ES		8 1	26.50	0.15							1.0
SMLA	HE	872	141	IAML		8 1	29.80			45	0.3				
SMLA	HN	872	141	IAML		8 1	29.83			48	0.3				
MUKT	HZ	1163	137	EP		8 0	40.16	-0.56							1.0
MUKT	HN	1163	137	ES		8 2	28.62	1.48							1.0
MUKT	HN	1163	137	IAML		8 2	31.23			16	0.2				
MUKT	HE	1163	137	IAML		8 2	32.42			12	0.2				

July 18 2023 Hour: 10:39 47.8 Lat: 30.40N Lon: 79.60E D: 5.0F Ag: NCS Local
Magnitudes: 2.8ML NCS Rms: 1.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JOSI	BZ	18	348	EPg		1039	50.85	-0.46							1.0
JOSI	BN	18	348	ESg		1039	53.22	-0.62							1.0
JOSI	BN	18	348	IAML		1039	53.31			3318	0.1				
JOSI	BE	18	348	IAML		1039	53.45			4295	0.1				
MUKT	HZ	104	177	EPg		1040	7.21	0.97							1.0
MUKT	HE	104	177	ESg		1040	19.19	-0.47							1.0
MUKT	HE	104	177	IAML		1040	23.49			132	0.1				
MUKT	HN	104	177	IAML		1040	24.12			145	0.1				
PTH	BZ	107	147	EPg		1040	6.77	-0.27							1.0
PTH	BE	107	147	ESg		1040	20.18	-0.88							1.0
PTH	BN	107	147	IAML		1040	23.93			69	0.3				
PTH	BE	107	147	IAML		1040	23.98			80	0.3				
UTK	BZ	117	289	EPg		1040	7.88	-0.46							1.0
UTK	BN	117	289	ESg		1040	21.05	-2.26							1.0
UTK	BE	117	289	IAML		1040	22.87			288	0.1				
UTK	BN	117	289	IAML		1040	23.67			306	0.2				
LGTI	BZ	120	157	EPg		1040	10.05	0.60							1.0
LGTI	BN	120	157	ESg		1040	25.07	-0.15							1.0
LGTI	BE	120	157	IAML		1040	29.58			83	0.2				
LGTI	BN	120	157	IAML		1040	30.44			73	0.1				
DDI	HZ	149	267	EPg		1040	13.27	-0.32							1.0
DDI	HN	149	267	ESg		1040	31.84	-0.55							1.0
DDI	HN	149	267	IAML		1040	35.27			393	0.3				
DDI	HE	149	267	IAML		1040	35.35			241	0.3				
SMLA	HZ	246	290	EP		1040	26.79	1.49							1.0
SMLA	HN	246	290	ES		1040	56.03	3.38							1.0
SMLA	HE	246	290	IAML		1040	59.36			127	0.3				
SMLA	HN	246	290	IAML		1041	0.67			77	0.3				

July 18 2023 Hour: 16:57 42.4 Lat: 30.01N Lon: 79.98E D: 5.0F Ag: NCS Local
 Magnitudes: 2.0ML NCS Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PTH	BZ	52	155	EPg		1657	52.39	0.29							1.0
PTH	BN	52	155	ESg		1657	58.74	-0.42							1.0
PTH	BE	52	155	IAML		1657	59.72			163	0.2				
PTH	BN	52	155	IAML		1657	59.90			49	0.2				
LGTI	BZ	69	171	EPg		1657	55.61	0.47							1.0
LGTI	BN	69	171	ESg		1658	4.23	-0.18							1.0
LGTI	BE	69	171	IAML		1658	10.91			27	0.1				
LGTI	BN	69	171	IAML		1658	11.20			31	0.1				
JOSI	BZ	73	326	EPg		1657	39.48	-15.8							0.0
JOSI	BE	73	326	IAML		1658	4.13			60	0.3				
JOSI	BN	73	326	IAML		1658	4.25			64	0.1				
JOSI	BE	73	326	ESg		1658	4.46	-0.16							1.0

July 19 2023 Hour: 0:22 7.9 F Lat: 12.87N Lon: 88.07W D: 84.0F Ag: NCS Distant
 Magnitudes: 6.7MW NCS Rms: 3.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ14534	19	EP			041	8.59	-0.04							1.0
UDMP	HZ14662	19	E			040	56.16								
THN	BZ14735	19	EP			041	9.01	-3.02							1.0
THN	BZ14735	19	I			044	37.30								
DHRM	HZ14772	18	I			044	38.36								
BHK	BZ14863	18	EP			041	14.77	0.65							1.0
BHK	BZ14863	18	I			044	2.54								
SDNR	BZ14865	18	I			044	36.43								
SMLA	HZ14917	18	EP			041	17.01	1.71							1.0
SMLA	HZ14917	18	I			044	40.53								
SRGN	BZ14919	22	EP			041	14.90	-0.18							1.0
SRGN	BZ14919	22	I			043	53.73								
DDI	HZ15030	17	I			044	44.88								
JASL	BZ15080	27	EP			041	14.86	-2.90							1.0
JASL	BZ15080	27	I			044	47.19								
CHUR	HZ15128	22	E			041	25.90								
MUKT	HZ15169	16	EP			041	22.86	3.30							1.0
MUKT	HZ15169	16	I			044	18.40								
PTH	BZ15171	15	EP			041	20.49	0.61							1.0
NDI	HZ15172	19	EP			041	19.89	0.63							1.0
NDI	HZ15172	19	I			044	57.34								
UJWA	BZ15173	19	EP			041	19.16	-0.15							1.0
UJWA	BZ15173	19	I			044	52.98								
NPL	BZ15175	19	E			041	24.65								
NPL	BZ15175	19	I		C	044	25.97								
LDR	HZ15182	19	E			041	12.92								
LDR	HZ15182	19	I			044	25.97								
JMIU	BZ15187	19	E			041	24.66								
JMIU	BZ15187	19	I			044	20.54								
AYAN	BZ15190	19	EP			041	22.21	2.60							1.0
AYAN	BZ15190	19	I			044	3.26								
JODH	HZ15248	25	I			044	48.76								
BRCH	BZ15425	14	EP			041	18.81	-4.59							1.0
BRCH	BZ15425	14	I			044	33.74								
UDPR	BZ15444	26	EP			041	23.14	-0.57							1.0
GWAL	HZ15463	19	EP			041	28.75	4.69							1.0
DIBR	SZ15490	349	E			041	16.46								
DIBR	SZ15490	349	I			041	51.83								
VLK	BZ15492	11	EP			041	21.34	-3.19							1.0
VLK	BZ15492	11	I			044	46.01								
JHNI	BZ15556	19	EP			041	21.34	-4.17							1.0
JHNI	BZ15556	19	I			044	24.14								

TAWA	SZ15558	0	EP		041	26.86	0.61										1.0
TAWA	SZ15558	0	I		041	53.15											
TAWA	SZ15558	0	E		045	0.22											
ZIRO	SZ15561	357	EP		041	20.97	-4.66										1.0
ZIRO	SZ15561	357	I		041	50.84											
ZIRO	SZ15561	357	E	D	044	59.85											
GTK	SZ15574	5	EP		041	26.34	-0.02										1.0
STMR	BZ15593	9	E		041	18.87											
JORH	HZ15645	357	EP		041	24.52	-2.44										1.0
MOKO	SZ15690	356	EP		041	25.15	-3.01										1.0
MOKO	SZ15690	356	I		041	53.15											
MOKO	SZ15690	356	E	D	045	2.79											
VAR	BZ15706	13	EP		041	22.22	-5.72										1.0
VAR	BZ15706	13	I		045	4.31											
GUWA	SZ15713	0	EP		041	25.91	-2.14										1.0
SRAT	HZ15728	29	EP		041	23.67	-4.59										1.0
KOHI	SZ15759	357	EP		041	27.99	-1.33										1.0
KOHI	SZ15759	357	I		041	54.46											
KOHI	SZ15759	357	E	D	045	5.06											
SHL	HZ15783	360	EP		041	28.87	-0.81										1.0
TURA	SZ15784	2	EP		041	29.89	0.66										1.0
TURA	SZ15784	2	I		041	53.15											
TURA	SZ15784	2	E		045	4.68											
JMUI	BZ15808	8	EP		041	27.54	-2.02										1.0
JBPL	HZ15837	18	EP		041	28.88	-1.13										1.0
PALG	HZ15842	30	EP		041	30.36	0.26										1.0
IMP	SZ15859	357	EP		041	31.79	1.41										1.0
IMP	SZ15859	357	I		041	53.15											
SILR	SZ15869	359	EP		041	28.75	-1.76										1.0
CNWR	HZ15920	20	EP		041	33.71	2.32										1.0
CNWR	HZ15920	20	I		045	4.95											
BOKR	HZ15926	9	EP		041	33.65	2.15										1.0
BOKR	HZ15926	9	I		045	6.17											
AGT	SZ15968	1	E		045	8.83											
CMPI	HZ16010	358	EP		041	37.06	4.10										1.0
CMPI	HZ16010	358	I		045	6.97											
BELO	SZ16039	1	EP		041	37.10	3.93										1.0
BELO	SZ16039	1	E		045	0.68											
RAIP	HZ16102	17	EP		041	36.37	2.29										1.0
KAD	BZ16169	31	EP		041	37.30	1.32										1.0
KNKR	BZ16196	17	EP		041	38.53	2.88										1.0
ASIV	HZ16205	27	EP		041	42.86	7.07										1.0
SLPR	HZ16227	28	EP		041	39.67	3.56										1.0
AURD	HZ16238	26	EP		041	42.64	6.36										1.0
BWNR	BZ16311	10	EP		041	41.46	4.15										1.0
RAGD	BZ16363	15	EP		041	40.04	1.95										1.0
HYB	HZ16377	24	EP		041	42.77	4.39										0.0
KNL	HZ16518	26	EP		041	45.17	4.76										0.0
MYSR	HZ16766	32	EP		041	45.53	1.65										1.0
CHT	HZ17045	34	E		041	53.64											

July 19 2023 Hour: 4: 8 36.0

Lat: 27.77N Lon: 82.62E D: 10.0F

Ag: NCS Local

Magnitudes: 2.3ML 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
LGTI	BZ	306	307	EP		4 9	21.60	0.84							1.0
LGTI	BN	306	307	ES		4 9	53.24	-0.17							1.0
PTH	BZ	310	311	EP		4 9	21.81	0.76							1.0
PTH	BN	310	311	ES		4 9	53.35	-0.57							1.0
PTH	BZ	310	311	IAML		410	7.41			14	0.2				
PTH	BE	310	311	IAML		410	7.88			16	0.1				
PTH	BN	310	311	IAML		410	8.76			18	0.3				
MUKT	HZ	345	303	EP		4 9	23.45	-1.60							1.0
MUKT	HN	345	303	ES		410	1.57	0.74							1.0

MUKT	HN	345	303	IAML	410	20.73	10	0.3
MUKT	HE	345	303	IAML	410	20.95	12	

July 19 2023 Hour: 7:26 39.5 Lat: 36.54N Lon: 70.08E D:206.6 Ag: NCS Regional
Magnitudes: 5.3ML NCS 5.4Mb NCS Rms: 1.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	511	121	EP		727	50.93	2.00							1.0
SRIN	BN	511	121	ES		728	42.55	2.94							1.0
SRIN	BN	511	121	IAML		728	47.93			8950	0.7				
SRIN	BE	511	121	IAML		728	48.69			8368	0.4				
JMU	BZ	603	132	EP		728	1.47	2.02							1.0
JMU	BN	603	132	E		729	01.73								
JMU	BE	603	132	IAML		729	3.87			3461	0.4				
UDMP	HZ	612	130	EP		728	1.93	1.32							1.0
UDMP	HN	612	130	ES		729	0.83	1.01							1.0
THN	BZ	695	129	EP		728	10.53	0.27							1.0
THN	BN	695	129	ES		729	18.39	1.88							1.0
AMRT	HZ	702	139	IP	C	728	11.87	0.84							1.0
AMRT	HN	702	139	ES		729	18.79	0.95							1.0
AMRT	HN	702	139	IAML		729	20.64			13634	0.3				
AMRT	HE	702	139	IAML		729	21.80			17038	0.3				
DHRM	HZ	744	128	EP		728	16.39	-0.38							1.0
DHRM	HN	744	128	ES		729	29.22	1.44							1.0
DHRM	HE	744	128	IAML		729	29.79			8767	0.5				
SRGN	BZ	815	153	EP		728	24.25	-0.08							1.0
BHK	BZ	815	133	EP	*	728	24.73	0.40							0.0
BHK	BN	815	133	ES		729	43.17	1.92							1.0
SDNR	BZ	839	129	EP		728	26.83	-0.45							1.0
SDNR	BN	839	129	ES		729	46.90	0.95							1.0
SMLA	HN	889	130	ES		729	57.47	0.94							1.0
SMLA	HN	889	130	IAML		730	0.54			1786	0.3				
HNLY	BZ	915	115	EP		728	37.36	0.97							1.0
HNLY	BN	915	115	ES		730	1.98	0.27							1.0
BKNR	BZ	991	161	EP		728	44.15	-1.06							1.0
BKNR	BN	991	161	ES		730	13.89	-3.09							1.0
UTK	BZ	1008	127	EP		728	46.08	-1.40							1.0
UTK	BN	1008	127	ES		730	20.92	0.02							1.0
DDI	HZ	1012	131	EP		728	47.51	-0.20							1.0
DDI	HN	1012	131	ES		730	23.87	2.58							1.0
RTK	BZ	1021	143	EP		728	48.48	-0.39							1.0
RTK	BN	1021	143	ES		730	24.03	0.73							1.0
CHUR	HZ	1023	152	I Amb		730	27.04			1045	0.7				
JASL	BZ	1068	176	EP		728	53.08	-1.39							1.0
JASL	BN	1068	176	ES		730	32.09	-0.90							1.0
JHJR	BZ	1073	143	EP		728	53.69	-1.29							1.0
UJWA	BE	1091	142	ES		730	37.64	0.03							1.0
NDI	HZ	1097	140	EP		728	56.11	-1.79							1.0
NDI	HN	1097	140	ES		730	38.37	-0.56							1.0
NPL	BZ	1099	141	EP		728	56.73	-1.41							1.0
NPL	BE	1099	141	ES		730	40.39	1.06							1.0
JOSI	BZ	1101	124	EP		728	57.69	-0.85							1.0
JOSI	BN	1101	124	ES		730	38.14	-1.90							1.0
PTDI	HZ	1107	143	EP		728	57.19	-1.88							1.0
PTDI	HN	1107	143	ES		730	42.67	1.71							1.0
LDR	HZ	1107	141	EP		728	57.73	-1.25							1.0
LDR	HN	1107	141	ES		730	41.59	0.79							1.0
KUDL	HZ	1109	145	EP		728	56.96	-2.28							1.0
KUDL	HN	1109	145	ES		730	42.31	1.07							1.0
AYAN	BZ	1111	141	EP		728	57.87	-1.72							1.0
AYAN	BN	1111	141	ES		730	40.71	-1.14							1.0
JMIU	BZ	1113	141	EP		728	58.72	-0.99							1.0
JMIU	BN	1113	141	ES		730	43.15	1.09							1.0
BISR	BE	1121	140	ES		730	44.94	1.11							1.0

SONA	BZ	1129	143	EP	728	59.83-1.89			1.0
SONA	BN	1129	143	ES	730	45.31-0.23			1.0
JODH	HZ	1174	165	EP	729	4.96-2.09			1.0
MUKT	HZ	1189	129	EP	729	6.89-2.32			1.0
MUKT	HN	1189	129	ES	730	58.34-0.15			1.0
MUKT	HN	1189	129	IAML	731	1.42	353	0.6	
MUKT	HE	1189	129	IAML	731	3.14	419	0.7	
AJM	BZ	1201	158	EP	729	8.04-2.30			1.0
AJM	BN	1201	158	E	730	56.22			
JPR	HZ	1206	152	EP	729	9.39-1.51			1.0
JPR	HN	1206	152	ES	731	3.57 2.15			1.0
PTH	BZ	1219	126	EP	729	9.97-3.04			1.0
PTH	BN	1219	126	ES	731	2.89-2.18			1.0
LGTI	BZ	1224	127	EP	729	10.73-3.10			1.0
UDPR	BZ	1370	164	EP	729	28.37-2.12			1.0
UDPR	BN	1370	164	ES	731	36.14 0.83			1.0
GWAL	HZ	1380	144	IAmb	729	30.30	514	0.3	
GWAL	HZ	1380	144	I	729	34.95			
GWAL	HN	1380	144	ES	731	38.06 0.68			1.0
JHNI	BZ	1472	144	E	729	39.27			
JHNI	BN	1472	144	E	731	57.22			
BHUJ	HZ	1472	182	EP	729	40.03-2.74			0.0
BHUJ	HN	1472	182	E	731	59.71			
GUNA	BZ	1489	150	E	729	40.16			
GUNA	BZ	1489	150	I	729	45.45			
GUNA	BN	1489	150	ES	732	0.50 0.50			1.0
ALBI	BZ	1672	135	EP	730	1.55-0.29			1.0
CNWR	HZ	1819	150	IAmb	730	20.97	390	0.6	
CNWR	HN	1819	150	E	733	12.36			
PALG	HZ	1849	171	EP	730	22.71 2.76			1.0
NGP	BZ	1912	150	EP	730	27.56 1.35			1.0
NGP	BE	1912	150	ES	733	34.61-0.72			1.0
BLSP	BZ	1981	141	EP	730	33.67 0.68			1.0
BLSP	BN	1981	141	ES	733	43.97-3.82			1.0
GTK	SZ	2022	115	EP	730	39.32 1.83			1.0
GTK	SZ	2022	115	IAmb	730	40.65	140	0.5	
GTK	SN	2022	115	E	733	51.80			
RAIP	HZ	2035	143	EP	730	39.27 0.93			1.0
BOKR	HZ	2071	129	EP	730	42.62 0.84			1.0
BOKR	HN	2071	129	ES	734	1.20-2.70			1.0
JPG	BZ	2081	117	EP	730	45.03 2.35			1.0
LATR	BZ	2105	161	EP	730	46.34 1.26			1.0
AURD	HZ	2154	160	EP	730	50.99 1.12			1.0
SLPR	HZ	2167	163	EP	730	52.71 1.62			1.0
SLPR	HZ	2167	163	IAmb	730	56.28	275	0.7	
KAD	BZ	2168	168	EP	730	52.68 1.58			1.0
JGDP	HZ	2260	146	EP	731	1.14 1.15			1.0
TURA	SZ	2271	117	EP	731	1.58 0.58			1.0
TURA	SZ	2271	117	IAmb	731	4.43	45	0.7	
HYB	HZ	2276	156	EP	731	2.31 0.78			1.0
RAGD	BZ	2319	142	EP	731	6.68 1.14			1.0
RAGD	BZ	2319	142	I	731	13.65			
GUWA	SZ	2346	113	EP	731	8.54 0.44			1.0
BWNR	BZ	2366	135	EP	731	10.85 0.80			1.0
BWNR	BZ	2366	135	IAmb	731	12.59	105	0.7	
SHL	HZ	2410	114	EP	731	13.73-0.95			1.0
SHL	HN	2410	114	ES	734	56.31-5.13			1.0
KNL	HZ	2432	159	EP	731	16.85 0.81			1.0
KNL	HZ	2432	159	IAmb	731	17.75	87	0.8	
ATP	HZ	2542	161	I	731	21.44			
MOKO	SZ	2574	109	ES	735	24.34-0.89			1.0
KOHI	SZ	2576	111	EP	731	30.14 1.79			1.0
IMP	SZ	2618	113	EP	731	33.51 2.22			1.0
CMPI	HZ	2655	117	EP	731	31.88-2.65			1.0

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CMPI	HZ	2655	117	IAmb	731	32.12			9	0.3					
KDGU	HZ	2726	166	EP	731	41.94	1.77								1.0
MDRS	HZ	2795	156	EP	731	46.75	0.99								1.0
KOD	BZ	3005	164	EP	732	4.61	1.62								1.0
KOD	BZ	3005	164	IAmb	732	5.54			43	0.6					
CHT	HZ	3044	165	EP	732	7.58	1.80								1.0
CHT	HZ	3044	165	IAmb	732	9.16			35	0.6					
VISK	HZ	2457	144	EP	731	19.00	0.91								1.0
VISK	HZ	2457	144	IAmb	731	20.67			136	0.9					
BHPL	HZ	1634	152	EP	729	57.05									
BHPL	HZ			IAmb	730	1.25			392	0.6					
SMLA	HZ	889	130	EP	728	32.47	-0.92								1.0
SMLA	HE			IAML	730	0.95			1135	0.4					

July 19 2023 Hour: 13:41 36.1 Lat: 29.50N Lon: 80.85E 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
PTH	BZ	63	279	EPg		1341	46.87	-0.96							1.0
PTH	BN	63	279	ESg		1341	55.79	-0.62							1.0
PTH	BN	63	279	IAML		1341	56.54			419	0.2				
PTH	BE	63	279	IAML		1341	56.71			383	0.1				
LGTI	BZ	75	262	EPg		1341	49.67	-0.25							1.0
LGTI	BN	75	262	ESg		1342	1.04	1.02							1.0
MUKT	HZ	116	268	EPg		1341	55.74	-0.86							1.0
MUKT	HE	116	268	ESg		1342	11.46	-0.12							1.0
MUKT	HE	116	268	IAML		1342	15.57			202	0.1				
MUKT	HN	116	268	IAML		1342	18.27			322	0.2				
JOSI	BZ	171	314	EP		1342	3.27	-0.44							1.0
JOSI	BE	171	314	ES		1342	23.23	-0.66							1.0
JOSI	BE	171	314	IAML		1342	26.92			232	0.2				
JOSI	BN	171	314	IAML		1342	27.15			567	0.3				
SMLA	HZ	397	298	EP		1342	33.01	1.63							1.0
SMLA	HN	397	298	ES		1343	13.03	1.27							1.0
SMLA	HN	397	298	IAML		1343	32.86			45	0.3				
SMLA	HE	397	298	IAML		1343	33.41			61	0.4				

July 19 2023 Hour: 15:54 58.7 Lat: 24.33N Lon: 93.71E D: 34.8 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
IMP	SZ	61	23	EPg		1555	9.86	-0.31							1.0
IMP	SN	61	23	ESg		1555	18.52	-0.01							1.0
IMP	SN	61	23	IAML		1555	20.80			122	0.6				
CMPI	HZ	101	204	EPg		1555	15.58	-0.59							1.0
CMPI	HN	101	204	ESg		1555	29.52	0.60							1.0
CMPI	HE	101	204	IAML		1555	33.40			1080	0.5				
CMPI	HN	101	204	IAML		1555	33.64			782	0.3				
SILR	SN	105	299	ESg		1555	29.98	0.39							1.0
KOHI	SZ	160	14	IP		1555	22.27	-0.44							1.0
KOHI	SN	160	14	IS		1555	41.21	0.99							1.0
KOHI	SE	160	14	IAML		1555	41.57			43	0.3				
KOHI	SN	160	14	IAML		1555	41.57			50	0.5				
GUWA	SN	290	316	ES		1556	6.24	-0.63							1.0

July 19 2023 Hour: 19:37 58.2 Lat: 37.36N Lon: 72.18E D: 276.2 Ag: NCS Local
Magnitudes: 3.8ML NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	437	146	EP		1939	3.54	0.50							1.0
SRIN	BN	437	146	ES		1939	50.10	-0.31							1.0
SRIN	BE	437	146	IAML		1939	53.43			359	0.4				
SRIN	BN	437	146	IAML		1939	53.87			272	0.3				
UDMP	HZ	562	151	EP		1939	16.34	-0.03							1.0

UDMP	HN	562	151	ES	1940	13.56	0.10									1.0
JMU	BZ	563	154	EP	1939	17.28	0.83									1.0
JMU	BE	563	154	ES	1940	13.24	-0.37									1.0
JMU	BE	563	154	IAML	1940	15.18			173	0.5						
JMU	BN	563	154	IAML	1940	17.09			135	0.9						
THN	BZ	638	148	EP	1939	24.74	-0.20									1.0
THN	BN	638	148	ES	1940	27.98	-0.32									1.0
SDNR	BZ	778	145	EP	1939	40.36	-0.48									1.0
SDNR	BN	778	145	ES	1940	56.97	1.17									1.0
SMLA	HZ	830	145	EP	1939	46.44	-0.62									1.0
SMLA	HN	830	145	ES	1941	6.30	-0.26									1.0
SMLA	HN	830	145	IAML	1941	7.98			40	0.4						
SMLA	HE	830	145	IAML	1941	8.74			56	0.6						

July 19 2023 Hour: 19:38 34.9 Lat: 24.12N Lon: 93.94E D: 9.5 Ag: NCS Local
Magnitudes: 3.3ML NCS Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMPI	HZ	94	223	EPg		1938	51.37	-0.15							1.0
CMPI	HN	94	223	ESg		1939	3.67	-0.01							1.0
CMPI	HE	94	223	IAML		1939	3.93			1111	0.2				
CMPI	HN	94	223	IAML		1939	4.74			2205	0.4				
SILR	SN	136	303	ESg		1939	15.86	0.10							1.0
SILR	SE	136	303	IAML		1939	24.31			525	0.2				
KOHI	SZ	178	6	EPg		1939	6.06	-0.19							1.0
KOHI	SN	178	6	ESg		1939	29.12	-0.04							1.0
KOHI	SE	178	6	IAML		1939	34.01			227	0.5				
KOHI	SN	178	6	IAML		1939	37.07			194	0.5				
GUWA	SZ	322	316	EP		1939	21.51	0.69							1.0
GUWA	SN	322	316	ES		1939	54.25	-0.12							1.0
ZIRO	SZ	377	359	EP	*	1939	6.65	-20.9							0.0
ZIRO	SE	377	359	ES		1939	45.24	0.13							1.0
ZIRO	SN	377	359	E		1940	8.29								
ZIRO	SN	377	359	IAML		1940	14.42			73	0.3				
ZIRO	SE	377	359	IAML		1940	14.90			95	0.3				
TURA	SZ	406	293	EP		1939	31.14	0.07							1.0
TURA	SE	406	293	E		1940	10.77								
TURA	SN	406	293	IAML		1940	15.73			318	0.1				
TURA	SE	406	293	IAML		1940	15.73			421	0.2				
GTK	SN	642	305	ES		1941	2.45	-0.35							1.0
GTK	SN	642	305	IAML		1941	9.75			33	0.2				
GTK	SE	642	305	IAML		1941	9.92			44	0.3				

July 20 2023 Hour: 22:39 50.0 Lat: 26.86N Lon: 75.79E D: 6.4 Ag: NCS Local
Magnitudes: 4.3ML NCS Rms: 1.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AJM	BZ	125	247	EPg	*	2240	7.90	-2.40							0.0
AJM	BN	125	247	ESg		2240	22.69	-0.49							1.0
AJM	BE	125	247	IAML		2240	23.70			3621	0.2				
AJM	BN	125	247	IAML		2240	26.05			3256	0.3				
CHUR	HZ	177	333	EP		2240	16.13	-0.77							1.0
CHUR	HN	177	333	ES		2240	36.04	-1.21							1.0
PWAL	BN	206	48	ES		2240	43.43	-0.02							1.0
PWAL	BE	206	48	IAML		2240	44.59			12455	0.7				
PWAL	BN	206	48	IAML		2240	45.03			11908	0.9				
JHJR	BZ	211	23	EP		2240	21.98	0.89							1.0
JHJR	BE	211	23	ES		2240	45.29	0.66							1.0
JHJR	BN	211	23	IAML		2240	47.64			4249	0.5				
JHJR	BE	211	23	IAML		2240	48.74			6032	0.7				
AYAN	BZ	223	36	EP		2240	22.53	-0.06							1.0
AYAN	BE	223	36	ES		2240	47.42	0.22							1.0
AYAN	BN	223	36	IAML		2240	49.23			1752	0.7				
AYAN	BE	223	36	IAML		2240	49.54			1646	0.2				

FBD	HZ	229	41	EP	2240	24.31	1.00			1.0
FBD	HE	229	41	ES	2240	49.80	1.36			1.0
NPL	BZ	239	34	EP	2240	24.88	0.32			1.0
NPL	BN	239	34	ES	2240	52.25	1.48			1.0
NPL	BN	239	34	IAML	2240	52.92		7027	0.4	
JMIU	BZ	239	38	EP	2240	26.89	2.34			1.0
JMIU	BZ	239	38	I	2240	52.28				
JMIU	BN	239	38	ES	2240	52.30	1.55			1.0
JMIU	BN	239	38	IAML	2240	58.40		6671	0.3	
JMIU	BE	239	38	IAML	2240	59.28		7494	0.3	
RTK	BZ	248	14	EP	2240	26.96	1.23			1.0
RTK	BN	248	14	ES	2240	53.57	0.80			1.0
RTK	BN	248	14	IAML	2240	59.26		7274		
RTK	BE	248	14	IAML	2240	59.26		5100	0.3	
BISR	BE	250	40	E	2240	49.77				
GWAL	HZ	251	106	EP	2240	27.80	1.72			1.0
GWAL	HN	251	106	ES	2240	53.17	-0.22			1.0
BKNR	BZ	279	298	EP	2240	28.52	-1.02			1.0
BKNR	BZ	279	298	I	2240	34.75				
BKNR	BN	279	298	ES	2240	58.57	-0.96			1.0
JODH	HZ	281	257	EP	2240	29.37	-0.41			1.0
JODH	HZ	281	257	I	2240	34.41				
JODH	HE	281	257	ES	2241	0.53	0.62			1.0
JODH	HN	281	257	IAML	2241	7.78		5980	0.4	
JODH	HE	281	257	IAML	2241	8.62		2598	0.3	
JHNI	BZ	323	118	EP	2240	32.71	-2.20			1.0
JHNI	BZ	323	118	I	2240	41.16				
JHNI	BN	323	118	E	2241	15.74				
UDPR	BZ	327	220	EP	2240	34.85	-0.65			1.0
UDPR	BZ	327	220	I	2240	38.88				
UDPR	BE	327	220	ES	2241	11.93	1.89			1.0
SRGN	BE	387	332	ES	2241	20.77	-2.28			1.0
SRGN	BE	387	332	IAML	2241	40.89		2673	0.9	
SRGN	BN	387	332	IAML	2241	41.11		3204	0.1	
BHPL	HZ	434	157	EP	2240	48.28	-0.42			1.0
BHPL	HE	434	157	ES	2241	31.85	-1.38			1.0
BHPL	HN	434	157	IAML	2241	49.59		602	0.4	
BHPL	HE	434	157	IAML	2241	49.82		890	0.3	
DDI	HZ	443	30	EP	2240	46.96	-2.86			1.0
DDI	HE	443	30	IAML	2241	54.32		1626	0.7	
DDI	HN	443	30	IAML	2241	54.63		1410	0.6	
BARM	HN	454	255	ES	2241	38.61	1.12			1.0
BNDA	BZ	479	108	EP	2240	57.15	2.91			1.0
BNDA	BE	479	108	IAML	2241	51.29		532	0.3	
JASL	BZ	485	272	EP	2240	58.11	3.17			1.0
JASL	BE	485	272	ES	2241	44.49	0.29			1.0
JASL	BN	485	272	IAML	2242	7.14		1493	0.4	
JASL	BE	485	272	IAML	2242	7.23		1064	0.5	
SMLA	HZ	492	16	EP	2240	55.63	-0.37			1.0
SMLA	HE	492	16	ES	2241	46.67	1.07			1.0
BHK	BN	506	6	ES	2241	48.29	-0.29			1.0
BHK	BE	506	6	IAML	2242	15.83		598		
BHK	BN	506	6	IAML	2242	16.00		628	0.2	
LGTI	BZ	508	55	EP	2240	56.55	-1.85			1.0
LGTI	BN	508	55	ES	2241	47.30	-1.66			1.0
LGTI	BE	508	55	IAML	2242	12.35		264	0.5	
LGTI	BN	508	55	IAML	2242	12.72		256	0.2	
PTH	BZ	528	54	EP	2240	59.55	-1.22			1.0
PTH	BN	528	54	ES	2241	53.08	-0.30			1.0
PTH	BE	528	54	IAML	2242	20.52		450	0.8	
SDNR	BZ	530	12	EP	2241	0.57	0.19			1.0
SDNR	BN	530	12	ES	2241	53.96	0.24			1.0
SDNR	BE	530	12	IAML	2242	23.26		286	0.4	
SDNR	BN	530	12	IAML	2242	26.34		306	0.2	

JOSI	BN	551	41	ES	2241	54.22-3.97										1.0
JBPL	HZ	584	133	EP	2241	10.29 3.44										1.0
JBPL	HE	584	133	I	2242	31.44										
DHRM	HZ	599	5	EP	2241	8.91-0.58										1.0
THN	BZ	618	0	EP	2241	11.86 0.73										1.0
THN	BZ	618	0	I	2241	18.70										
CNWR	HZ	621	148	E	2241	9.59										
JMU	BZ	663	352	EP	2241	16.10-0.31										1.0
JMU	BZ	663	352	I	2241	23.39										
JMU	BN	663	352	ES	2242	21.28-0.78										1.0
NGP	BZ	712	152	EP	2241	18.81-3.63										1.0
NGP	BN	712	152	ES	2242	31.32-1.27										1.0
NGP	BN	712	152	I	2243	7.64										
NGP	BE	712	152	IAML	2243	8.29			588	0.7						
VAR	BN	742	102	ES	2242	37.39-1.37										1.0
VLK	BN	809	84	ES	2242	55.61 3.03										1.0
PALG	HE	811	202	ES	2242	55.98 3.02										1.0
RAIP	HZ	865	135	E	2242	46.96										
KNKR	BZ	934	140	EP	2241	48.34-0.23										1.0
KNKR	BN	934	140	ES	2243	18.07-0.44										1.0
KNKR	BN	934	140	IAML	2243	31.52			40	0.4						
LATR	BZ	939	175	EP	2241	47.62-1.49										1.0
LATR	BN	939	175	ES	2243	17.78-1.70										1.0
LATR	BN	939	175	IAML	2243	29.63			65	0.7						
STMR	BZ	943	89	EP	2241	49.55 0.00										1.0
STMR	BN	943	89	ES	2243	21.04 0.66										1.0
SLPR	HZ	1018	179	ES	2243	34.16-1.63										1.0
KAD	BZ	1071	189	EP	2242	5.23 0.68										1.0
KAD	BN	1071	189	IAML	2244	47.65			89	0.6						
KAD	BE	1071	189	IAML	2244	53.49			205	1.0						
BOKR	HZ	1072	106	EP	2242	3.48-1.27										1.0
BOKR	HN	1072	106	ES	2243	46.68-0.29										1.0
HYB	HE	1084	164	E	2244	29.78										
RAGD	BZ	1152	135	EP	2242	13.92-0.21										1.0
RAGD	BN	1152	135	ES	2244	5.06 1.44										1.0
SHBG	BZ	1199	96	EP	2242	20.25 0.64										1.0
SHBG	BN	1199	96	ES	2244	13.79 0.49										1.0
BWNR	BZ	1258	123	EP	2242	26.43-0.16										1.0
BWNR	BE	1258	123	ES	2244	26.70 1.13										1.0
VISK	HE	1275	141	ES	2244	28.24-0.86										1.0

July 20 2023 Hour: 22:41 37.7 Lat: 26.82N Lon: 76.01E Rms: 0.0 secs Ag: NCS Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JPR	HN	19	270	ESg		2241	44.26-0.00								1.0
JPR	HZ	19	270	EPg		2241	41.50 0.00								1.0
JPR	HZ	19	270	I		2241	41.51				90			33.9	

July 20 2023 Hour: 22:55 36.3 Lat: 26.84N Lon: 75.69E D: 10.0F Ag: NCS Local

Magnitudes: 3.6ML NCS Rms: 1.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JPR	HZ	13	101	EPg		2255	37.79-1.20								1.0
JPR	HN	13	101	ESg		2255	40.50-0.40								1.0
AJM	BZ	115	246	EPg		2255	53.79-1.20								1.0
AJM	BN	115	246	ESg		2256	7.76-0.77								1.0
CHUR	HZ	175	336	EP		2256	4.23 1.76								1.0
CHUR	HE	175	336	ES		2256	21.75 0.23								1.0
CHUR	HE	175	336	IAML		2256	25.30			795	0.2				
PTDI	HZ	196	33	EP		2256	2.74-2.45								1.0
PTDI	HN	196	33	ES		2256	24.65-1.49								1.0
AYAN	BZ	231	38	EP		2256	8.59-0.82								1.0
AYAN	BE	231	38	ES		2256	33.32-0.13								1.0
NPL	BN	247	36	ES		2256	38.14 1.22								1.0

NPL	BE	247	36	IAML	2256	41.92			757	0.1					
NPL	BN	247	36	IAML	2256	42.59			606	0.2					
NDI	HN	253	36	ES	2256	37.74	-0.59								1.0
GWAL	HZ	260	105	EP	2256	13.49	0.42								1.0
GWAL	HN	260	105	ES	2256	41.91	2.07								1.0
JODH	HZ	271	257	EP	2256	15.22	0.81								1.0
JODH	HN	271	257	ES	2256	42.82	0.67								1.0
JODH	HN	271	257	IAML	2256	53.33			348	0.2					
SMLA	HZ	496	17	EP	2256	43.93	1.50								1.0
SMLA	HN	496	17	ES	2257	30.58	0.38								1.0

July 20 2023 Hour: 22:52 56.7 Lat: 26.97N Lon: 75.64E D: 5.0F Ag: NCS Local
 Magnitudes: 2.6ML NCS Rms: 1.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JPR	HZ	24	132	EPg		2253	0.83	-0.18							1.0
JPR	HN	24	132	ESg		2253	3.34	-0.82							1.0
AJM	BZ	117	239	EPg		2253	17.65	0.66							1.0
AJM	BN	117	239	ESg		2253	30.70	-1.10							1.0
AJM	BN	117	239	IAML		2253	32.53			41	0.1				
AJM	BE	117	239	IAML		2253	32.65			63	0.2				
CHUR	HZ	161	336	E		2253	15.45								
CHUR	HN	161	336	ESg		2253	43.32	-1.52							1.0
CHUR	HE	161	336	IAML		2253	50.09			201	0.2				
CHUR	HN	161	336	IAML		2253	50.49			255	0.4				
PTDI	HE	188	37	ES		2253	50.28	1.31							1.0
JODH	HZ	269	254	E		2253	43.14								
JODH	HE	269	254	ES		2254	7.70	1.65							1.0

July 20 2023 Hour: 22:54 37.0 Lat: 25.34N Lon: 95.27E D: 18.4 Ag: NCS Local
 Magnitudes: 4.0ML NCS Rms: 1.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KOHI	SZ	124	290	EPG		2255	0.32	1.10							1.0
KOHI	SN	124	290	ESG		2255	17.37	1.94							1.0
KOHI	SN	124	290	IAML		2255	19.10			2347	0.4				
KOHI	SE	124	290	IAML		2255	19.12			4160	0.6				
JORH	HZ	186	327	EPg		2255	7.93	-1.33							1.0
JORH	HN	186	327	ESG		2255	31.41	-1.40							1.0
SILR	SZ	256	256	EP		2255	14.43	0.63							1.0
SILR	SE	256	256	ES		2255	42.96	2.30							1.0
SILR	SN	256	256	IAML		2255	47.23			2071	0.4				
SILR	SE	256	256	IAML		2255	48.02			1574	0.9				
ZIRO	SZ	280	330	EP		2255	18.77	2.01							1.0
ZIRO	SN	280	330	ES		2255	47.89	2.10							1.0
ZIRO	SE	280	330	IAML		2255	51.96			1513	0.3				
ZIRO	SN	280	330	IAML		2255	52.03			1618	0.5				
CMPI	HZ	285	225	EP		2255	16.99	-0.57							1.0
CMPI	HN	285	225	ES		2255	48.70	1.53							1.0
CMPI	HE	285	225	IAML		2255	51.29			561	0.3				
CMPI	HN	285	225	IAML		2255	51.81			338	0.3				
SHL	HZ	331	275	EP		2255	23.70	0.29							1.0
SHL	HN	331	275	ES		2255	57.60	0.32							1.0
SHL	HE	331	275	IAML		2255	59.27			1436	0.2				
GUWA	SZ	371	285	EP		2255	27.33	-0.47							1.0
GUWA	SN	371	285	ES		2256	3.50	-1.38							1.0
GUWA	SN	371	285	IAML		2256	5.17			627	0.2				
GUWA	SE	371	285	IAML		2256	5.28			479	0.2				
TURA	SZ	508	273	EP		2255	43.49	-1.06							1.0
TURA	SN	508	273	ES		2256	32.20	-1.65							1.0
BOKR	HZ	965	262	EP		2256	38.34	-2.14							1.0
BOKR	HE	965	262	ES		2258	8.38	-2.24							1.0

July 20 2023 Hour: 22:55 33.8 Lat: 26.87N Lon: 75.67E D: 12.3 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
JPR	HZ	15	109	EPg		2255	37.88	0.61							1.0
JPR	HN	15	109	ESg		2255	40.44	0.65							1.0
AJM	BZ	115	245	EPg		2255	53.63	-0.23							1.0
AJM	BE	115	245	ESg		2256	7.74	-0.75							1.0
PTDI	HZ	195	34	EP		2256	2.86	-1.14							1.0
PTDI	HE	195	34	ES		2256	24.89	-1.14							1.0
AYAN	BZ	229	38	EP		2256	8.32	0.15							1.0
AYAN	BE	229	38	ES		2256	33.27	0.03							1.0
BKNR	BZ	269	299	E		2256	8.83								
BKNR	BE	269	299	ES		2256	42.50	1.01							1.0
JODH	HZ	270	256	EP	*	2256	15.38	2.29							0.0
JODH	HN	270	256	ES		2256	45.48	1.43							1.0
JHNI	BZ	333	117	E		2256	27.55								
JHNI	BE	333	117	E		2257	4.64								
BHPL	HZ	439	156	E		2256	44.31								
BHPL	HE	439	156	ES		2257	17.30	-0.06							1.0
JASL	BZ	474	272	E		2256	53.34								
JASL	BN	474	272	E		2257	47.12								
SMLA	HZ	494	17	E		2256	46.88								
SMLA	HN	494	17	IS		2257	30.48	0.88							1.0
SMLA	HE	494	17	E		2257	31.04								
SMLA	HE	494	17	IAML		2257	58.29			67	0.2				
SMLA	HN	494	17	IAML		2258	1.16			45	0.4				
DHRM	HN	600	6	E		2257	57.50								
DHRM	HE	600	6	IAML		2258	24.38			51	0.8				
DHRM	HN	600	6	IAML		2258	24.61			44	0.6				
BOKR	HE	1083	106	IAML		2258	14.70			51	0.8				
BOKR	HN	1083	106	IAML		2258	15.46			51	0.2				

July 20 2023 Hour: 23:1 47.3 Lat: 26.91N Lon: 75.60E D: 5.0F Ag: NCS Local
 Magnitudes: 2.2ML NCS Rms: 1.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JPR	HZ	24	115	EPg		23 1	50.97	-0.60							1.0
JPR	HN	24	115	ESg		23 1	53.56	-1.15							1.0
AJM	BZ	111	241	EPg		23 2	6.09	-0.42							1.0
AJM	BN	111	241	ESg		23 2	20.74	0.19							1.0
AJM	BN	111	241	IAML		23 2	24.72			38	0.2				
AJM	BE	111	241	IAML		23 2	24.94			51	0.3				
JHNI	BN	342	118	ES		23 3	13.83	1.99							1.0

July 20 2023 Hour: 23:31 45.5 Lat: 24.98N Lon: 94.22E D: 19.7 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
KOHI	SZ	83	352	EPg		2332	1.05	0.26							1.0
KOHI	SN	83	352	ESg		2332	11.88	-0.05							1.0
KOHI	SE	83	352	IAML		2332	13.40			2388	0.4				
KOHI	SN	83	352	IAML		2332	15.67			3026	0.4				
SILR	SZ	145	262	EPg		2332	10.18	-0.57							1.0
SILR	SN	145	262	ESg		2332	29.39	0.22							1.0
SILR	SN	145	262	IAML		2332	30.60			711	0.3				
SILR	SE	145	262	IAML		2332	30.77			417	0.5				
MOKO	SZ	152	11	EP		2332	9.78	-0.07							1.0
JORH	HZ	195	1	EP	*	2332	17.30	2.58							0.0
JORH	HN	195	1	ES		2332	38.56	-0.05							1.0
ZIRO	SZ	285	353	EP		2332	25.17	-0.47							1.0
ZIRO	SN	285	353	E		2332	51.50								
GUWA	SZ	287	298	EP		2332	26.01	0.09							1.0

GUWA	SZ	287	298	I	2332	32.46									
GUWA	SN	287	298	ES	2332	53.94	-1.47								1.0
GUWA	SE	287	298	IAML	2332	55.84				178	0.1				
GUWA	SN	287	298	IAML	2332	56.70				100	0.2				
GUWA	SN	287	298	E	2333	6.98									
TAWA	SZ	373	321	EP	2332	37.31	0.24								1.0
TAWA	SZ	373	321	ES	2333	15.46	0.76								1.0
TURA	SZ	407	279	EP	2332	41.02	0.47								1.0
TURA	SN	407	279	ES	2333	21.32	0.59								1.0
TURA	SE	407	279	IAML	2333	23.92				503	0.2				

July 21 2023 Hour: 20: 5 46.3 Lat: 25.24N Lon: 95.20E D: 34.1 Ag: NCS Local
Magnitudes: 4.0ML NCS Rms: 1.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KOHI	SN	122	296	E		20 6	7.27								
KOHI	SZ	122	296	EPg		20 6	10.00	2.75							1.0
KOHI	SN	122	296	ESg		20 6	22.03	-0.53							1.0
KOHI	SZ	122	296	I		20 6	23.23								
SILR	SZ	248	259	EP		20 6	21.29	0.78							1.0
SILR	SN	248	259	ES		20 6	46.49	0.99							1.0
CMPI	HZ	272	225	IP	C	20 6	24.18	0.40							1.0
CMPI	HN	272	225	ES		20 6	52.01	0.84							1.0
CMPI	HE	272	225	IAML		20 6	57.11			985	0.7				
ZIRO	SZ	287	332	EP		20 6	25.94	0.54							1.0
ZIRO	SN	287	332	ES		20 6	55.87	1.91							1.0
SHL	HZ	325	277	EP	*	20 6	30.19	-0.36							0.0
SHL	HN	325	277	ES		20 7	2.83	0.31							1.0
SHL	HE	325	277	IAML		20 7	4.60			759	0.2				
SHL	HN	325	277	IAML		20 7	4.68			1132	0.1				
GUWA	SZ	368	287	EP		20 6	34.08	-1.14							1.0
GUWA	SN	368	287	ES		20 7	9.36	-1.60							1.0
AGT	SE	428	250	ES		20 7	24.30	0.72							1.0
BELO	SZ	440	241	E		20 6	24.89								
BELO	SN	440	241	ES		20 7	27.20	0.94							1.0
TURA	SZ	502	275	EP		20 6	50.50	-1.13							1.0
TURA	SN	502	275	ES		20 7	38.54	-0.81							1.0
GTK	SZ	698	291	EP		20 7	15.31	-0.80							1.0
GTK	SE	698	291	ES		20 8	21.30	-0.40							1.0
SHBG	BZ	763	272	EP		20 7	22.01	-1.40							1.0
BOKR	HZ	957	262	EP		20 7	45.34	-1.94							1.0
BOKR	HN	957	262	ES		20 9	16.44	0.82							1.0
STMR	BZ	1008	282	EP		20 7	53.39	0.03							1.0
BWNR	BZ	1110	242	EP		20 8	4.87	-0.96							1.0

July 22 2023 Hour: 0:19 25.0 Lat: 32.36N Lon: 76.27E D: 5.0F Ag: NCS Local
Magnitudes: 3.3ML NCS Rms: 1.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DHRM	HZ	13	165	EPg		019	26.74	-1.37							1.0
DHRM	HN	13	165	ESg		019	28.95	-1.44							1.0
THN	BZ	45	282	EPg		019	31.34	-1.55							1.0
THN	BN	45	282	ESg		019	38.40	-0.27							1.0
UDMP	HZ	124	300	EPg		019	46.04	-0.48							1.0
UDMP	HN	124	300	ESg		020	3.38	1.14							1.0
JMU	BZ	143	290	EP		019	48.81	-0.81							1.0
JMU	BE	143	290	ES		020	7.78	0.17							1.0
JMU	BE	143	290	IAML		020	10.67			336	0.4				
JMU	BN	143	290	IAML		020	10.87			340	0.3				
AMRT	HZ	151	239	EP		019	50.54	-0.07							1.0
AMRT	HN	151	239	ES		020	11.09	1.78							1.0
AMRT	HN	151	239	IAML		020	12.38			715	0.3				
AMRT	HE	151	239	IAML		020	12.84			575	0.3				
SMLA	HZ	161	148	EP		019	52.93	0.87							1.0

SMLA	HN	161	148	ES	020	13.86	2.03										1.0
SMLA	HN	161	148	IAML	020	15.90				545	0.2						
SMLA	HE	161	148	IAML	020	16.22				914	0.2						

July 22 2023 Hour: 1:26 8.1 Lat: 27.49N Lon: 92.50E D: 5.4 Ag: NCS Local
Magnitudes: 3.3ML NCS Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TAWA	SZ	64	281	EPg		126	20.41	0.52							1.0
TAWA	SZ	64	281	ESg		126	28.08	-0.44							1.0
TAWA	SZ	64	281	IAML		126	29.43			469	0.2				
ZIRO	SZ	133	88	EPg		126	31.34	0.18							1.0
ZIRO	SN	133	88	ESg		126	47.69	-0.32							1.0
ZIRO	SE	133	88	IAML		126	50.57			1409	0.3				
ZIRO	SN	133	88	IAML		126	50.73			2178	0.2				
GUWA	SZ	164	210	EP		126	35.34	0.11							1.0
GUWA	SN	164	210	ES		126	54.89	-0.17							1.0
GUWA	SE	164	210	IAML		126	55.21			278	0.3				
GUWA	SN	164	210	IAML		126	56.01			173	0.4				
MOKO	SZ	238	122	EP		126	44.82	0.13							1.0
MOKO	SZ	238	122	E		127	13.33								
TURA	SZ	315	227	E		126	55.96								

July 22 2023 Hour: 5: 8 8.0 Lat: 30.71N Lon: 78.48E D: 5.0F Ag: NCS Local
Magnitudes: 2.3ML NCS Rms: 1.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UTK	BZ	4	305	EPg		5 8	8.10	-1.28							1.0
UTK	BN	4	305	ESg		5 8	10.49	0.12							1.0
UTK	BN	4	305	IAML		5 8	10.97			1694	0.1				
UTK	BE	4	305	IAML		5 8	10.99			1619	0.1				
MUKT	HZ	179	140	EP		5 8	39.60	2.18							1.0
MUKT	HE	179	140	ESg		5 9	0.93	-1.43							1.0
MUKT	HN	179	140	IAML		5 9	3.61			20	0.1				
MUKT	HE	179	140	IAML		5 9	3.82			27	0.2				
MUYR	HN	185	112	ISg		5 9	3.86	-0.52							1.0
PTH	BZ	208	126	E		5 8	39.27								
PTH	BE	208	126	ES		5 9	6.33	0.92							1.0

July 22 2023 Hour: 12:53 59.2 Ag: Local
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
UDMP HZ EP 1255 35.49
UDMP HN ES 1257 41.14
SMLA HN ES 1258 28.00

July 23 2023 Hour: 3:16 13.1 Lat: 36.66N Lon: 70.65E D:154.0 Ag: NCS Regional
Magnitudes: 4.4ML NCS Rms: 1.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	575	137	EP		317	29.82	1.43							1.0
JMU	BE	575	137	ES		318	25.77	2.43							1.0
JMU	BE	575	137	IAML		318	26.46			920	0.9				
JMU	BN	575	137	IAML		318	29.35			1297	0.7				
UDMP	HZ	583	134	EP		317	30.19	0.89							1.0
UDMP	HN	583	134	ES		318	26.63	1.72							1.0
THN	BZ	665	133	EP		317	39.26	0.20							1.0
THN	BN	665	133	ES		318	42.67	0.86							1.0
DHRM	HZ	713	132	EP		317	45.45	-0.09							1.0
DHRM	HN	713	132	ES		318	52.42	-0.59							1.0
DHRM	HE	713	132	IAML		318	55.12			1094	0.5				
DHRM	HN	713	132	IAML		318	55.77			878	0.4				
SDNR	BZ	809	133	EP		317	56.44	0.14							1.0
SDNR	BN	809	133	ES		319	11.51	-0.12							1.0
SMLA	HZ	860	134	EP		318	1.78	-0.79							1.0

SMLA	HN	860	134	ES	319	21.65	-0.82										1.0
SMLA	HE	860	134	IAML	319	26.35			404	0.3							
SMLA	HN	860	134	IAML	319	26.51			220	0.5							
HNLY	BZ	875	117	EP	318	5.39	1.14										1.0
HNLY	BE	875	117	ES	319	26.43	1.05										1.0
UTK	BZ	976	130	EP	318	16.81	0.33										1.0
UTK	BN	976	130	ES	319	44.75	-1.79										1.0
DDI	HN	982	134	ES	319	49.70	2.23										1.0
BKNR	BZ	989	165	E	318	18.62											
BKNR	BZ	989	165	I	318	38.62											
BKNR	BE	989	165	E	319	51.17											
BKNR	BE	989	165	IAML	319	56.46			391	0.5							
BKNR	BN	989	165	IAML	320	2.46			351	0.4							
CHUR	HZ	1012	155	EP	318	22.13	1.49										1.0
CHUR	HE	1012	155	ES	319	52.22	-1.51										1.0
JOSI	BZ	1067	127	EP	318	27.11	-0.24										1.0
JOSI	BN	1067	127	ES	320	5.41	0.07										1.0
JOSI	BN	1067	127	IAML	320	7.44			163	0.2							
JOSI	BE	1067	127	IAML	320	7.76			159								
NDI	HZ	1076	143	EP	318	27.37	-0.89										1.0
NDI	HN	1076	143	ES	320	6.06	-0.85										1.0
NPL	BZ	1078	144	EP	318	27.72	-0.81										1.0
AYAN	BZ	1091	144	EP	318	28.76	-1.30										1.0
AYAN	BN	1091	144	ES	320	8.21	-1.82										1.0
AYAN	BN	1091	144	IAML	320	10.47			93	0.7							
AYAN	BE	1091	144	IAML	320	12.36			61	0.3							
MUYR	HZ	1153	127	EP	318	35.84	-2.16										1.0
MUYR	HE	1153	127	ES	320	22.03	-1.74										1.0
MUKT	HZ	1158	131	EP	318	36.29	-2.16										1.0
MUKT	HE	1158	131	ES	320	25.48	0.94										1.0
PTH	BZ	1186	129	E	318	39.38											
LGTI	BZ	1192	130	EP	318	42.43	-0.56										1.0
LGTI	BN	1192	130	ES	320	31.91	-0.49										1.0
JPR	HZ	1195	154	EP	318	42.91	0.39										1.0
JPR	HN	1195	154	ES	320	33.18	1.60										1.0
AJM	BZ	1195	161	EP	318	42.08	-0.54										1.0
AJM	BZ	1195	161	I	318	52.54											
AJM	BN	1195	161	ES	320	32.17	0.41										1.0
AJM	BE	1195	161	IAML	320	51.91			42	0.6							
AJM	BE	1195	161	IAML	320	57.11			42	0.7							
UDPR	BZ	1370	167	EP	319	3.93	0.34										1.0
JHNI	BZ	1454	146	EP	* 319	11.04	-2.65										0.0
JHNI	BE	1454	146	ES	321	22.29	-0.57										1.0
BHPL	HZ	1623	155	EP	319	32.02	-0.23										1.0
BHPL	HE	1623	155	E	322	3.24											
NGP	BZ	1899	152	EP	320	2.86	0.79										1.0
BOKR	HZ	2039	130	EP	320	16.69	0.76										1.0
GUWA	SZ	2304	114	EP	320	43.15	1.66										1.0
SHL	HZ	2369	115	EP	320	46.31	-1.90										1.0
MOKO	SZ	2530	110	EP	321	3.02	0.29										1.0
KOHI	SZ	2533	112	EP	321	3.26	0.24										1.0

July 23 2023 Hour: 6:47 35.0 Lat: 18.58N Lon: 93.52E D: 13.2 Ag: NCS Local
 Magnitudes: 3.6ML NCS Rms: 1.0 secs Rms: 1.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMPI	HZ	544	358	EP		648	48.31	0.48							1.0
CMPI	HN	544	358	ES		649	41.75	0.75							1.0
DGPR	HZ	602	186	EP		648	56.26	1.66							1.0
DGPR	HN	602	186	ES		649	51.72	-0.98							1.0
SHL	HZ	789	349	EP		649	16.17	-1.87							1.0
SHL	HE	789	349	ES		650	32.33	-0.92							1.0
KOHI	SZ	793	4	EP		649	18.19	-0.27							1.0
KOHI	SN	793	4	ES		650	33.24	-0.74							1.0

KOHI	SN	793	4	IAML	650	40.93		63	0.7					
KOHI	SE	793	4	IAML	650	41.03		40	0.5					
TURA	SZ	840	337	EP	649	23.73	0.00							1.0
TURA	SN	840	337	ES	650	43.90	0.81							1.0
ZIRO	SZ	991	2	E	649	48.89								
ZIRO	SE	991	2	IAML	650	41.99		26						
ZIRO	SN	991	2	ES	651	16.09	1.07							1.0

July 23 2023 Hour: 9:53 0.8 Lat: 26.40N Lon: 95.96E D: 12.3 Ag: NCS Local
Magnitudes: 2.8ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MOKO	SZ	145	267	EPg		953	26.32	-0.09							1.0
MOKO	SZ	145	267	ESg		953	45.24	0.13							1.0
KOHI	SZ	200	248	EP		953	31.02	-1.02							1.0
KOHI	SN	200	248	ES		953	55.18	0.33							1.0
KOHI	SE	200	248	IAML		954	7.08			24	0.3				
KOHI	SN	200	248	IAML		954	8.11			39	0.4				
ZIRO	SZ	244	301	EP		953	36.62	-0.26							1.0
ZIRO	SN	244	301	ES		954	3.67	0.44							1.0
ZIRO	SE	244	301	IAML		954	5.51			592	0.4				
ZIRO	SN	244	301	IAML		954	6.59			387	0.3				
IMP	SZ	267	230	EP		953	39.65	0.00							1.0
IMP	SN	267	230	ES		954	8.40	0.39							1.0
IMP	SE	267	230	IAML		954	14.77			14	0.2				
IMP	SN	267	230	IAML		954	15.57			23	0.2				
GUWA	SZ	427	268	EP		954	0.37	1.17							1.0
GUWA	SN	427	268	ES		954	40.75	-1.09							1.0
GUWA	SN	427	268	IAML		954	42.85			36	0.1				
GUWA	SE	427	268	IAML		954	42.98			32	0.1				

July 23 2023 Hour: 12:32 49.3 Ag: Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MOKO	SZ			EP		1240	40.33								
KOHI	SZ			EP		1240	40.17								
TURA	SZ			IP		1240	48.51								
SHL	HZ			EP		1240	43.70								
KNKR	BZ			E		1241	1.86								
SALM	BZ			EP		1240	42.23								
ATP	HZ			EP		1240	57.52								
AURD	HZ			EP		1241	18.26								
CNWR	HZ			EP		1241	24.93								
KDGU	HZ			EP		1241	1.49								
MYSR	HZ			EP		1240	56.44								

July 23 2023 Hour: 13: 4 39.3 Lat: 30.53N Lon: 80.14E D: 5.0F 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
JOSI	BZ	56	273	EPg		13 4	50.10	0.89							1.0
JOSI	BE	56	273	ESg		13 4	55.57	-0.89							1.0
JOSI	BN	56	273	IAML		13 5	2.39			917	0.4				
JOSI	BE	56	273	IAML		13 5	2.68			1285	0.3				
PTH	BZ	105	177	EP		13 4	57.29	-0.77							1.0
PTH	BE	105	177	ES		13 5	10.81	-0.96							1.0
PTH	BE	105	177	IAML		13 5	21.78			135	0.2				
PTH	BN	105	177	IAML		13 5	21.85			325	0.4				
LGTI	BZ	125	182	EP		13 5	1.28	-0.49							1.0
LGTI	BE	125	182	ES		13 5	19.18	1.00							1.0
LGTI	BN	125	182	IAML		13 5	25.96			202	0.2				
LGTI	BE	125	182	IAML		13 5	26.64			191	1.9				
MUKT	HZ	128	202	EP		13 5	2.94	1.20							1.0
MUKT	HZ	128	202	I		13 5	5.64								
MUKT	HE	128	202	ES		13 5	18.15	0.02							1.0

MUKT	HN	128	202	IAML	13	5	27.51		259	0.3
MUKT	HE	128	202	IAML	13	5	28.25		506	0.3

July 23 2023 Hour: 16:31 23.5 Lat: 22.48N Lon: 94.15E D:142.0 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
CMPI	HZ	142	323	EP		1631	48.17	-1.93							1.0
CMPI	HZ	142	323	I		1631	48.80								
CMPI	HE	142	323	ES		1632	10.05	0.57							1.0
CMPI	HN	142	323	IAML		1632	13.17			2625	0.4				
CMPI	HE	142	323	IAML		1632	13.43			3061	0.3				
BELO	SZ	290	288	EP		1632	4.74	-0.52							1.0
BELO	SN	290	288	ES		1632	37.12	1.40							1.0
BELO	SN	290	288	IAML		1632	52.51			1376	0.3				
AGT	SZ	336	298	EP		1632	10.55	0.11							1.0
AGT	SN	336	298	ES		1632	45.18	0.50							1.0
AGT	SN	336	298	IAML		1632	48.51			471	0.2				
KOHI	SN	359	359	ES		1632	49.96	-0.37							1.0
KOHI	SN	359	359	IAML		1633	3.28			567	0.7				
KOHI	SE	359	359	IAML		1633	3.79			555	0.8				
SHL	HZ	407	328	EP		1632	19.25	0.08							1.0
SHL	HN	407	328	ES		1632	59.62	-0.16							1.0
SHL	HN	407	328	IAML		1633	3.17			1069	0.1				
SHL	HE	407	328	IAML		1633	3.30			623	0.2				
GUWA	SZ	481	329	EP		1632	27.00	-0.41							1.0
GUWA	SN	481	329	ES		1633	12.37	-1.66							1.0
TURA	SZ	522	311	EP		1632	31.53	-0.77							1.0
TURA	SN	522	311	ES		1633	22.07	-0.42							1.0
ZIRO	SZ	560	357	EP		1632	37.62	0.82							1.0
ZIRO	SE	560	357	ES		1633	31.05	0.77							1.0
ZIRO	SN	560	357	IAML		1633	39.44			580	0.2				
ZIRO	SE	560	357	IAML		1633	39.84			813	0.3				
TAWA	SZ	612	338	EP		1632	44.27	0.68							1.0
GTK	SZ	775	315	EP		1632	45.19	-17.8							0.0
GTK	SE	775	315	ES		1634	15.97	0.34							1.0
KOHI	SZ	359	359	EP		1632	14.67	0.96							1.0

July 23 2023 Hour: 18:37 32.1 Lat: 38.19N Lon: 74.17E D: 7.0 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
THN	BZ	654	166	EP		1838	59.15	0.18							1.0
THN	BN	654	166	ES		1840	2.27	-0.09							1.0
DHRM	HZ	687	163	EP		1839	3.44	-0.19							1.0
DHRM	HN	687	163	ES		1840	10.34	-0.08							1.0
DHRM	HN	687	163	IAML		1840	14.07			100	0.2				
DHRM	HE	687	163	IAML		1840	14.22			56	0.4				
SDNR	BZ	778	160	EP		1839	14.76	0.63							1.0
SDNR	BE	778	160	ES		1840	28.91	0.33							1.0
SMLA	HZ	830	160	EP		1839	19.97	-0.63							1.0
SMLA	HN	830	160	ES		1840	39.62	-0.16							1.0

July 24 2023 Hour: 2:49 19.0 Ag: Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GTK	SZ			EP		312	37.47								
GUWA	SZ			EP		312	21.82								
IMP	SZ			EP		312	5.44								
KOHI	SZ			EP		312	10.02								
MOKO	SZ			EP		312	3.38								
SILR	SZ			EP		312	10.76								
TAWA	SZ			EP		312	24.48								
TURA	SZ			EP		312	19.76								
BOKR	HZ			EP		312	41.10								

July 24 2023 Hour: 10: 4 33.5 Lat: 23.81N Lon: 91.40E D: 58.1 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
AGT	SZ	18	298	IPg	C	10	4	42.45-0.01							1.0
AGT	SN	18	298	ISg	D	10	4	49.60 0.58							1.0
AGT	SE	18	298	IAML		10	4	49.94		15188	0.1				
AGT	SN	18	298	IAML		10	4	49.94		9593	0.3				
BELO	SZ	62	176	EPg		10	4	47.16 1.26							1.0
BELO	SN	62	176	ESg		10	4	53.23-1.75							1.0
BELO	SN	62	176	IAML		10	5	0.87		2766	0.2				
BELO	SN	62	176	IAML		10	5	4.87		3651	0.5				
BELO	SN	62	176	IAML		10	5	8.39		5052	0.3				
BELO	SN	62	176	IAML		10	5	11.12		3946	0.5				
SILR	SZ	178	53	IP		10	4	59.68 0.36							1.0
SILR	SE	178	53	IS		10	5	19.14 0.96							1.0
SILR	SE	178	53	IAML		10	5	21.44		1047	0.5				
SILR	SN	178	53	IAML		10	5	21.92		946	0.3				
CMPI	HZ	198	100	EP		10	4	59.99-1.92							1.0
CMPI	HZ	198	100	I		10	5	2.58							
CMPI	HN	198	100	ES		10	5	23.41 0.74							1.0
TURA	SZ	224	328	EP		10	5	4.93 0.07							1.0
TURA	SN	224	328	ES		10	5	26.59-1.19							1.0
TURA	SN	224	328	IAML		10	5	28.16		662	0.3				
TURA	SN	224	328	IAML		10	5	34.02		562	0.4				
GUWA	SZ	266	6	EP	*	10	5	7.98-1.93							0.0
GUWA	SE	266	6	ES		10	5	33.71-0.87							1.0
GUWA	SE	266	6	IAML		10	5	34.26		172	0.4				
GUWA	SN	266	6	IAML		10	5	34.78		145	0.3				
IMP	SZ	282	66	EP		10	5	12.90 1.00							1.0
IMP	SN	282	66	ES		10	5	41.40 1.45							1.0
KOHI	SN	346	52	EP		10	5	20.03-0.18							1.0
KOHI	SN	346	52	ES		10	5	53.61-0.72							1.0
MOKO	SZ	419	48	EP		10	5	28.71-0.41							1.0
MOKO	SZ	419	48	ES		10	6	8.65-1.09							1.0
TAWA	SZ	422	6	EP		10	5	31.04 1.42							1.0
ZIRO	SZ	479	30	EP		10	5	35.29-0.69							1.0
ZIRO	SN	479	30	ES		10	6	20.57-1.04							1.0
ZIRO	SN	479	30	IAML		10	6	24.28		917	0.2				
ZIRO	SE	479	30	IAML		10	6	24.49		985	0.3				
GTK	SZ	480	325	EP		10	5	37.52 0.95							1.0
GTK	SN	480	325	ES		10	6	22.85 0.22							1.0

July 24 2023 Hour: 16:58 29.3 Lat: 25.18N Lon: 92.75E D: 1.0 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
SILR	SZ	44	172	EPg		1658	36.64-0.26								1.0
SILR	SN	44	172	ESg		1658	42.72 0.25								1.0
SILR	SE	44	172	IAML		1658	42.98			574	0.2				
SILR	SN	44	172	IAML		1658	43.39			536	0.3				
IMP	SZ	127	107	EPg		1658	50.26-1.04								1.0
IMP	SE	127	107	ESg		1659	7.84 0.47								1.0
KOHI	SZ	150	66	EP		1658	56.68 0.94								1.0
KOHI	SN	150	66	ES		1659	14.69-0.36								1.0
KOHI	SE	150	66	IAML		1659	17.18			39	0.4				
KOHI	SN	150	66	IAML		1659	18.64			26	0.5				
TURA	SE	257	279	E		1659	38.86								

July 24 2023 Hour: 17:14 44.9 Lat: 33.96N Lon: 72.04E D: 10.0F Ag: NCS Local
 Magnitudes: 3.8ML NCS Rms: 1.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	255	87	E		1714	55.39								
SRIN	BN	255	87	ES		1715	50.59	0.43							1.0
SRIN	BN	255	87	IAML		1715	51.97			3849	0.3				
SRIN	BE	255	87	IAML		1715	52.66			3782	0.3				
UDMP	HZ	309	111	EP		1715	30.01	0.84							1.0
UDMP	HN	309	111	ES		1716	1.83	0.34							1.0
AMRT	HZ	371	133	EP		1715	37.22	0.50							1.0
AMRT	HE	371	133	ES		1716	12.42	-2.13							1.0
AMRT	HE	371	133	IAML		1716	19.52			1014	0.4				
THN	BZ	389	115	EP		1715	39.53	0.57							1.0
THN	BN	389	115	ES		1716	17.91	-0.53							1.0
BHK	BZ	496	124	E		1716	4.29								
BHK	BE	496	124	E		1716	41.36								
SDNR	BZ	529	119	EP		1715	56.21	0.15							1.0
SDNR	BN	529	119	ES		1716	47.36	-0.66							1.0
AYAN	BZ	776	140	E		1716	36.74								
AYAN	BE	776	140	ES		1717	40.36	0.10							1.0
AYAN	BE	776	140	IAML		1717	41.86			35	0.2				
AJM	BZ	871	163	EP		1716	36.24	-1.60							1.0
AJM	BN	871	163	ES		1718	2.24	1.94							1.0
AJM	BN	871	163	IAML		1718	3.61			9	0.2				
MUKT	HZ	877	123	EP		1716	37.61	-1.19							1.0
MUKT	HN	877	123	ES		1718	3.20	1.24							1.0
MUKT	HN	877	123	IAML		1718	3.70			11	0.3				

July 24 2023 Hour: 18:39 48.5 Lat: 24.99N Lon: 93.01E D: 9.2 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
SILR	SZ	31	221	EPg		1839	53.28	-0.92							1.0
SILR	SN	31	221	ESg		1839	58.87	0.55							1.0
SILR	SN	31	221	IAML		1840	3.76			1113	0.2				
SILR	SE	31	221	IAML		1840	6.43			826	0.2				
IMP	SZ	97	101	EPg		1840	6.71	1.35							1.0
IMP	SN	97	101	E		1840	23.81								
KOHI	SZ	137	54	EPg		1840	12.67	-0.18							1.0
KOHI	SN	137	54	ESg		1840	30.28	-0.31							1.0
KOHI	SE	137	54	IAML		1840	40.84			27	0.6				
KOHI	SN	137	54	IAML		1840	41.40			19	0.2				
CMPI	HZ	169	169	EP		1840	14.43	-1.61							1.0
CMPI	HN	169	169	ES		1840	36.58	0.47							1.0
CMPI	HN	169	169	IAML		1840	38.81			30	0.2				
CMPI	HE	169	169	IAML		1840	38.85			52	0.3				
TURA	SZ	286	282	EP		1840	30.44	0.27							1.0
TURA	SN	286	282	ES		1841	0.93	0.37							1.0
TURA	SE	286	282	IAML		1841	3.11			32	0.2				
TURA	SN	286	282	IAML		1841	3.13			39	0.2				

July 24 2023 Hour: 20:14 30.0 Lat: 22.85N Lon: 94.54E D:116.1 Ag: NCS Local
 Magnitudes: 4.3ML NCS Rms: 1.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMPI	HN	144	300	EP		2014	54.96	0.03							1.0
CMPI	HE	144	300	ES		2015	12.98	-0.12							1.0
CMPI	HE	144	300	IAML		2015	15.56			3730	0.3				
CMPI	HE	144	300	IAML		2015	17.43			2569	0.3				
SILR	SN	277	321	ES		2015	36.37	-1.57							1.0
BELO	SZ	320	278	EP		2015	15.12	0.91							1.0
BELO	SN	320	278	ES		2015	48.23	1.76							1.0

KOHI	SZ	321	352	EP	2015	15.67	0.79								1.0
KOHI	SN	321	352	ES	2015	48.60	0.98								1.0
AGT	SZ	356	289	E	2014	59.98									
AGT	SN	356	289	ES	2015	54.25	0.50								1.0
AGT	SN	356	289	IAML	2016	12.24		1032	1.0						
MOKO	SZ	384	360	EP	2015	23.05	0.74								1.0
GUWA	SZ	469	323	EP	2015	31.48	-0.45								1.0
GUWA	SN	469	323	ES	2016	14.32	-2.81								1.0
ZIRO	SZ	522	353	EP	2015	39.01	0.66								1.0
ZIRO	SE	522	353	ES	2016	28.42	0.20								1.0
ZIRO	SE	522	353	IAML	2016	33.44		930	0.4						
ZIRO	SN	522	353	IAML	2016	33.78		826	0.4						
TURA	SZ	528	305	EP	2015	38.37	-0.69								1.0
TURA	SN	528	305	ES	2016	26.97	-2.48								1.0
TURA	SE	528	305	IAML	2016	31.86		965	0.2						
TAWA	SZ	590	333	EP	2015	47.36	0.23								1.0
TAWA	SZ	590	333	ES	2016	42.47	-0.95								1.0
TAWA	SZ	590	333	IAML	2016	46.15		890	0.3						
SHBG	BZ	750	292	EP	2016	6.00	0.35								1.0
SHBG	BN	750	292	ES	2017	15.52	0.06								1.0
GTK	SZ	777	311	EP	2016	10.48	1.08								1.0
GTK	SN	777	311	ES	2017	23.52	1.58								1.0
JMUI	BZ	877	287	E	2014	56.64									
JMUI	BN	877	287	ES	2017	42.87	1.01								1.0
BWNR	BZ	947	254	EP	2016	29.49	0.07								1.0
BWNR	BN	947	254	ES	2017	55.05	-1.52								1.0
STMR	BZ	1031	297	EP	*2016	42.02	2.52								0.0
STMR	BE	1031	297	ES	2018	18.06	1.52								1.0
VLK	BZ	1184	298	EP	2016	59.19	1.20								1.0
VLK	BN	1184	298	ES	2018	46.72	0.71								1.0
NGP	BZ	1609	266	EP	2017	46.93	-2.23								0.9
NGP	BN	1609	266	ES	2020	14.81	0.28								0.9
PTH	BZ	1613	301	EP	2017	49.74	-0.53								0.9
PTH	BN	1613	301	E	2020	24.15									
LGTI	BZ	1615	300	EP	2017	49.30	-1.36								0.9
LGTI	BN	1615	300	ES	2020	17.41	0.28								0.9
AJM	BZ	2052	285	EP	2018	41.87	-0.67								0.6
AJM	BN	2052	285	ES	2021	49.55	2.67								0.6

July 25 2023 Hour: 0:25 18.0 Lat: 8.81S Lon: 123.42E D:112.0 Ag: NCS Distant
Magnitudes: 5.7Mb NCS Rms: 1.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMPI	HZ	4848	318	EP		033	12.69	1.55							1.0
IMP	SZ	4907	320	EP		033	14.86	-0.26							1.0
IMP	SZ	4907	320	I Amb		033	17.34			206	0.2				
IMP	SZ	4907	320	I		047	48.11								
KOHI	SZ	4967	321	EP		033	19.40	-0.51							1.0
KOHI	SZ	4967	321	I Amb		033	22.45			206	1.0				
KOHI	SZ	4967	321	IpP		033	43.83	-1.03							1.0
BELO	SZ	4969	316	EP		033	21.88	2.32							1.0
SILR	SZ	4985	319	EP		033	21.83	1.17							1.0
MOKO	SZ	4987	322	EP		033	21.43	0.10							1.0
MOKO	SZ	4987	322	I		033	45.81								
AGT	SZ	5032	317	EP		033	26.18	2.16							1.0
JORH	HZ	5040	322	EP		033	25.08	0.52							1.0
ZIRO	SZ	5130	323	EP		033	31.51	0.50							1.0
ZIRO	SZ	5130	323	I Amb		033	33.30			74	0.8				
GUWA	SZ	5174	319	EP		033	34.22	0.17							1.0
TURA	SZ	5230	317	EP		033	38.55	0.55							1.0
TAWA	SZ	5271	321	EP		033	41.86	0.34							1.0
RAGD	BZ	5371	306	EP		033	48.21	0.50							1.0
RAGD	BZ	5371	306	I Amb		033	55.89			116	1.3				
SHBG	BZ	5407	315	EP		033	51.63	1.44							1.0

GTK	SZ	5484	318	EP	033	56.21	0.16							1.0
JGDP	HZ	5489	304	EP	033	56.14	0.25							1.0
SALM	BZ	5497	294	EP	033	57.73	1.28							1.0
SALM	BZ	5497	294	IAmb	034	2.71		69	0.9					
CHT	HZ	5518	291	EP	033	57.96	0.11							1.0
KNKR	BZ	5605	305	E	034	4.42								
KNKR	BZ	5605	305	IAmb	034	11.13		104	0.4					
RAIP	HZ	5645	307	EP	034	7.51	1.01							1.0
KNL	HZ	5693	298	E	034	1.62								
STMR	BZ	5696	315	EP	034	11.98	2.10							1.0
NGP	BZ	5875	305	EP	034	21.67	-0.17							1.0
MNGI	BZ	5880	293	EP	034	23.31	1.21							1.0
AURD	HZ	5910	300	EP	034	23.44	-0.73							1.0
JBPL	HZ	5911	308	EP	034	24.46	0.31							1.0
CNWR	HZ	5934	306	EP	034	25.07	-0.70							1.0
KAD	BZ	6138	298	EP	034	39.97	1.00							1.0
JHNI	BZ	6158	309	EP	034	38.74	-1.51							1.0
LGTI	BZ	6280	314	EP	034	47.11	-1.76							1.0
PTH	BZ	6283	314	EP	034	47.40	-1.51							1.0
MUKT	HZ	6318	314	EP	034	50.42	-0.45							1.0
BOM	BZ	6343	299	E	035	23.05								
JOSI	BZ	6397	315	EP	034	55.53	-0.11							1.0
AYAN	BZ	6463	311	EP	034	58.16	-1.52							1.0
NDI	HZ	6468	312	EP	034	57.68	-2.27							1.0
NDI	HZ	6468	312	IAmb	034	59.17		40	0.6					
NPL	BZ	6468	312	EP	034	59.15	-0.83							1.0
UDPR	BZ	6538	306	EP	035	3.47	-0.83							1.0
AJM	BZ	6556	308	EP	035	5.04	-0.45							1.0
SDNR	BZ	6667	314	EP	035	12.09	-0.25							1.0
JODH	HZ	6685	307	EP	035	12.40	-1.03							1.0
THN	BZ	6809	315	EP	035	20.57	-0.46							1.0
THN	BN	6809	315	ES	043	30.94	-1.70							1.0
UDMP	HZ	6891	315	EP	035	25.79	-0.17							1.0
JMU	BZ	6906	314	EP	035	27.30	0.48							1.0
JASL	BZ	6908	307	EP	035	26.02	-0.96							1.0
JASL	BZ	6908	307	IAmb	035	28.74		74	1.0					

July 25 2023 Hour: 3:17 33.8 Lat: 28.70N Lon: 76.64E D: 13.8 Mod: DAG: NCS Local
Magnitudes: 2.3ML NCS Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JHJR	BZ	11	153	IPg	D	317	36.48	-0.35							1.0
JHJR	BN	11	153	ESg		317	39.10	0.03							1.0
JHJR	BE	11	153	IAML		317	39.45		1474	0.1					
JHJR	BN	11	153	IAML		317	39.50		614	0.2					
UJWA	BZ	30	119	EPg		317	39.71	0.19							1.0
UJWA	BN	30	119	ESg		317	44.23	0.51							1.0
UJWA	BN	30	119	IAML		317	45.00		274	0.2					
UJWA	BE	30	119	IAML		317	45.90		176	0.1					
NPL	BZ	52	98	EPg		317	43.41	0.17							1.0
NPL	BN	52	98	ESG		317	49.97	-0.18							1.0
NPL	BE	52	98	IAML		317	50.49		198	0.2					
NPL	BN	52	98	IAML		317	50.55		176	0.1					
AYAN	BZ	54	117	EPg		317	43.46	0.00							1.0
AYAN	BN	54	117	ESg		317	50.15	-0.39							1.0
AYAN	BN	54	117	IAML		317	50.78		67	0.1					
AYAN	BE	54	117	IAML		317	50.88		65						
AYAN	BE	54	117	IAML		317	51.35		60	0.1					
NDI	HZ	56	92	EPg		317	43.93	0.11							1.0
NDI	HN	56	92	ESg		317	51.08	-0.09							1.0

July 25 2023 Hour: 4:16 55.0 Lat: 24.72N Lon: 95.38E D:134.5 Ag: NCS Local
 Magnitudes: 3.9ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IMP	SZ	145	275	IPg		417	21.75	0.69							1.0
IMP	SN	145	275	ISg		417	40.23	0.15							1.0
IMP	SE	145	275	IAML		417	41.13			130	0.6				
IMP	SN	145	275	IAML		417	41.18			716	0.7				
KOHI	SZ	169	311	EP		417	23.43	-0.50							1.0
KOHI	SE	169	311	ES		417	45.66	0.60							1.0
KOHI	SN	169	311	IAML		417	52.98			1130	0.6				
KOHI	SE	169	311	IAML		417	53.60			834	0.2				
MOKO	SZ	198	334	EP		417	27.04	0.27							1.0
MOKO	SZ	198	334	ES		417	49.72	-0.25							1.0
CMPI	HZ	250	238	EP	*	417	33.63	1.49							0.0
CMPI	HN	250	238	ES		418	0.84	0.09							1.0
CMPI	HN	250	238	IAML		418	3.23			600	0.3				
CMPI	HE	250	238	IAML		418	3.57			675	0.3				
JORH	HZ	251	334	EP		417	32.42	0.35							1.0
JORH	HN	251	334	ES		417	58.77	-0.37							1.0
SILR	SZ	260	272	E		417	5.53								
SILR	SN	260	272	ES		418	3.50	2.63							0.0
ITAN	SZ	316	329	EP		417	39.64	0.21							1.0
ITAN	SN	316	329	ES		418	11.86	-0.02							1.0
ITAN	SN	316	329	IAML		418	14.95			1075	0.2				
ITAN	SE	316	329	IAML		418	15.08			972	0.1				
ZIRO	SZ	347	334	EP		417	42.92	-0.03							1.0
ZIRO	SE	347	334	ES		418	17.22	-0.74							1.0
ZIRO	SN	347	334	IAML		418	19.77			1487	0.2				
ZIRO	SE	347	334	IAML		418	19.83			1345	0.2				
GUWA	SZ	405	295	EP		417	48.78	-0.93							1.0
GUWA	SE	405	295	ES		418	27.86	-1.80							1.0
GUWA	SN	405	295	IAML		418	29.72			3674	0.4				
GUWA	SE	405	295	IAML		418	30.44			4768	0.3				
TAWA	SZ	474	313	EP		417	58.79	0.25							1.0
TAWA	SZ	474	313	ES		418	46.22	1.29							1.0
TURA	SZ	527	281	EP		418	3.78	-0.40							1.0
TURA	SN	527	281	ES		418	54.03	-0.65							1.0
TURA	SE	527	281	IAML		418	57.34			406	0.4				
TURA	SN	527	281	IAML		418	58.12			269	0.2				
GTK	SZ	737	294	EP		418	29.98	0.24							1.0
GTK	SN	737	294	ES		419	40.56	1.65							1.0
GTK	SE	737	294	IAML		419	43.76			24	0.2				
GTK	SN	737	294	IAML		419	44.09			28	0.3				

July 25 2023 Hour: 5:44 48.8 Lat: 37.92N Lon: 35.11E D: 32.2 Ag: NCS Distant
 Magnitudes: 5.5Mb NCS Rms: 1.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	3578	85	E		551	22.33								
DHRM	HZ	3778	87	EP		551	30.27	0.05							1.0
DHRM	HZ	3778	87	IAMB		551	34.66			548	1.5				
SDNR	BZ	3860	88	EP		551	36.54	0.63							1.0
SMLA	HZ	3901	88	EP		551	39.41	0.11							1.0
SMLA	HZ	3901	88	IAMB		551	45.47			239	1.2				
SMLA	HN	3901	88	ES		557	7.39	-3.42							1.0
AJM	BZ	3905	97	EP		551	39.84	0.43							1.0
UDPR	BZ	3928	101	EP		551	42.15	0.99							1.0
UDPR	BZ	3928	101	I		6	8	13.82							
RTK	BZ	3929	92	EP		551	41.41	0.17							1.0
KUDL	HZ	3979	93	EP		551	45.52	0.46							1.0
HNLY	BZ	3991	85	EP		551	47.56	1.44							1.0
HNLY	BZ	3991	85	IAMB		551	50.24			17	0.5				

UJWA	BZ	3995	92	EP	551	46.83	0.53										1.0
UJWA	BZ	3995	92	I	6	6	23.49										
NPL	BZ	4015	92	EP	551	47.58	-0.22										1.0
NDI	HZ	4016	92	EP	551	47.58	-0.31										1.0
NDI	HZ	4016	92	I	6	6	19.41										
LDR	HZ	4021	92	EP	551	48.51	0.20										1.0
UTK	BZ	4030	88	EP	551	49.07	-0.15										1.0
MERT	BZ	4048	91	EP	551	50.94	0.57										1.0
JOSI	BZ	4136	88	EP	551	57.89	0.67										1.0
JOSI	BZ	4136	88	IAmb	551	59.00				158	1.2						
MUKT	HZ	4194	89	EP	552	1.28	-0.58										1.0
MUYR	HZ	4219	88	EP	552	3.33	-0.54										1.0
GUNA	BZ	4238	98	EP	552	4.99	0.05										1.0
GUNA	BZ	4238	98	IAmb	552	7.56				48	1.1						
JHNI	BZ	4305	96	EP	552	9.62	-0.34										1.0
LKN	BZ	4436	92	EP	552	19.74	-0.09										1.0
JBPL	HZ	4549	98	EP	552	28.44	0.27										1.0
ALBI	BZ	4593	94	EP	552	30.91	-0.55										1.0
AURD	HZ	4611	107	EP	552	32.71	-0.12										1.0
HYB	HZ	4791	106	EP	552	45.94	-0.12										1.0
HYB	HZ	4791	106	IAmb	552	48.90				66	1.2						
KNTI	BZ	5024	94	I	613	46.85											
BOKR	HZ	5035	93	EP	553	3.19	-0.43										1.0
BOKR	HZ	5035	93	IAmb	553	9.01				34	0.8						
GTK	SZ	5085	87	EP	553	8.13	0.51										1.0
GTK	SN	5085	87	ES	559	53.44	3.41										1.0
TURA	SZ	5322	88	EP	553	21.71	-2.11										1.0
SHL	HZ	5474	87	EP	553	33.53	-1.33										1.0
SHL	HZ	5474	87	IAmb	553	38.44				18	0.8						
ZIRO	SZ	5534	84	EP	553	38.76	0.28										1.0
KOHI	SZ	5652	86	EP	553	45.63	-1.39										1.0
MOKO	SZ	5656	85	EP	553	47.74	0.54										1.0
IMP	SZ	5686	87	EP	553	49.22	0.40										1.0

July 25 2023 Hour: 10:35 20.1 Lat: 17.17N Lon: 145.98E D:412.9 Ag: NCS Distant
Magnitudes: 5.1Mb NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MOKO	SZ	5386	290	EP		1043	24.13	0.97							1.0
MOKO	SZ	5386	290	IAmb		1043	24.76			23	0.4				
MOKO	SZ	5386	290	IpP		1044	44.44	-0.00							1.0
MOKO	SZ	5386	290	E		1050	4.11								
KOHI	SZ	5427	289	EP		1043	24.71	-1.30							1.0
KOHI	SZ	5427	289	IAmb		1043	26.87			68	0.2				
KOHI	SZ	5427	289	I		1044	45.31								
KOHI	SZ	5427	289	E		1049	53.37								
IMP	SZ	5446	288	E		1049	57.53								
ZIRO	SZ	5453	292	IAmb		1043	28.99			62	0.3				
ZIRO	SZ	5453	292	E		1049	56.83								
SHL	HZ	5641	289	EP		1043	39.52	-0.70							1.0
TAWA	SZ	5649	292	EP		1043	41.40	0.46							1.0
TAWA	SZ	5649	292	IAmb		1043	43.37			70	0.6				
TAWA	SZ	5649	292	E		1050	21.43								
GUWA	SZ	5668	290	EP		1043	40.66	-0.89							1.0
GUWA	SZ	5668	290	IAmb		1043	42.13			54	0.3				
GUWA	SZ	5668	290	I		1044	53.43								
GUWA	SZ	5668	290	E		1050	22.88								
TURA	SZ	5818	289	EP		1043	51.68	0.28							1.0
TURA	SZ	5818	289	I		1044	58.21								
GTK	SZ	5972	292	EP		1044	2.84	0.97							1.0
GTK	SZ	5972	292	I		1045	5.03								
BOKR	HZ	6269	287	EP		1044	21.05	0.76							1.0
BOKR	HZ	6269	287	IAmb		1044	23.09			37	0.8				
PTH	BZ	6781	295	EP		1044	51.06	-1.05							1.0

JBPL	HZ	6880	287	EP	1044	57.83	0.45									1.0
DDI	HZ	6982	296	EP	1045	5.18	1.84									0.9
CNWR	HZ	7001	286	EP	1045	4.25	-0.31									1.0
NGP	BZ	7004	285	EP	1045	5.17	0.45									1.0
SMLA	HZ	7059	297	EP	1045	7.82	-0.27									1.0
SMLA	HZ	7059	297	IAmb	1045	9.72			34	0.5						
NDI	HZ	7080	294	EP	1045	9.57	0.48									1.0
DHRM	HZ	7131	298	EP	1045	11.82	-0.91									1.0
DHRM	HZ	7131	298	IAmb	1045	23.79			60	1.1						
BHPL	HZ	7135	288	EP	1045	11.82	-0.47									1.0
BHPL	HZ	7135	288	IAmb	1045	13.23			24	1.0						
UDMP	HZ	7235	299	EP	1045	18.21	0.22									1.0
AURD	HZ	7284	282	EP	1045	19.72	-1.17									1.0
KOD	BZ	7416	274	EP	1045	28.39	-0.28									1.0
KOD	BZ	7416	274	IAmb	1045	30.54			27	0.4						
CHT	HZ	7454	274	EP	1045	31.60	1.11									1.0
UDPR	BZ	7486	290	EP	1045	32.18	0.02									1.0
UDPR	BZ	7486	290	IAmb	1045	33.77			29	0.7						
KAD	BZ	7585	282	EP	1045	37.19	-0.52									1.0
KAD	BZ	7585	282	IAmb	1045	38.65			23	0.7						

July 25 2023 Hour: 11:55 6.0 Lat: 35.01N Lon: 69.98E D: 76.2 Ag: NCS Local
Magnitudes: 4.0ML NCS Rms: 1.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BE	456	102	IAML		1157	1.16			1177	1.3				
SRIN	BN	456	102	IAML		1157	2.08			1078	0.2				
JMU	BZ	512	117	EP		1156	11.83	0.78							1.0
JMU	BN	512	117	ES		1156	59.07	0.55							1.0
JMU	BE	512	117	IAML		1157	12.35			353	0.4				
JMU	BN	512	117	IAML		1157	16.99			219	0.3				
UDMP	HZ	529	115	EP		1156	11.67	-1.41							1.0
UDMP	HN	529	115	ES		1157	1.21	-0.77							1.0
UDMP	HN	529	115	IAML		1157	3.27			456	0.2				
UDMP	HE	529	115	IAML		1157	3.39			303	0.2				
THN	BZ	610	116	EP		1156	25.32	2.66							1.0
THN	BE	610	116	ES		1157	17.77	-0.71							1.0
THN	BN	610	116	IAML		1157	19.61			116	0.2				
DHRM	HZ	662	116	EP		1156	27.76	-1.68							1.0
DHRM	HN	662	116	ES		1157	29.60	0.61							1.0
DHRM	HE	662	116	IAML		1157	32.45			251	0.4				
DHRM	HN	662	116	IAML		1157	32.56			273	0.3				
SDNR	BZ	751	119	EP		1156	37.99	-1.26							1.0
SDNR	BN	751	119	ES		1157	47.86	0.68							1.0
SMLA	HZ	798	121	EP		1156	44.25	-0.67							1.0
SMLA	HN	798	121	ES		1157	56.85	0.27							1.0
NDI	HN	979	134	ES		1158	33.12	-0.42							1.0
AJM	BZ	1050	154	EP		1157	16.03	1.61							1.0
AJM	BN	1050	154	ES		1158	47.10	-0.92							1.0
MUKT	HE	1099	121	ES		1158	58.64	0.67							1.0

July 25 2023 Hour: 13:51 48.3 Lat: 48.75N Lon: 154.69E D: 10.0F Ag: NCS Distant
Magnitudes: 5.3Mb NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KOHI	SZ	5769	267	EP		14 0	57.50	-0.32							1.0
KOHI	SZ	5769	267	IAmb		14 1	2.37			26	1.0				
SHL	HN	5936	268	EP		14 1	8.51	-0.45							1.0
CMPI	HZ	5997	265	EP		14 1	12.65	-0.06							1.0
SHBG	BZ	6282	271	EP		14 1	32.88	1.90							0.9
SMLA	HZ	6606	284	E		14 1	51.68								
RAGD	BZ	7051	269	EP		14 2	18.74	0.01							1.0
CNWR	HZ	7164	275	EP		14 2	25.11	-0.36							1.0
CNWR	HZ	7164	275	IAmb		14 2	26.77			17	0.8				

BHPL	HZ	7182	277	EP	14	2	25.95-0.53										1.0
BHPL	HZ	7182	277	IAmb	14	2	28.19		14	0.5							
NGP	BZ	7224	274	EP	14	2	28.76-0.23										1.0
KAD	BZ	7887	275	EP	14	3	7.00 0.45										1.0

July 25 2023 Hour: 13:56 29.8 Lat: 5.68S Lon: 109.98E D:624.2 Ag: NCS Distant
Magnitudes: 5.1Mb NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMPI	HZ	3702	331	EP		14	2	18.44 0.30							1.0
IMP	SZ	3797	333	EP		14	2	24.57-0.46							1.0
KOHI	SZ	3875	334	EP		14	2	30.55-0.83							1.0
KOHI	SZ	3875	334	IAmb		14	2	30.85		125	1.5				
KOHI	SN	3875	334	ES		14	7	20.76-0.01							1.0
MOKO	SZ	3915	335	EP		14	2	34.18-0.08							1.0
SHL	HZ	3968	331	EP		14	2	38.26 0.07							1.0
SHL	HN	3968	331	EP		14	2	38.54							
SHL	HN	3968	331	IAmb		14	2	38.79		70	1.1				
GUWA	SZ	4042	332	EP		14	2	43.13-0.04							1.0
TURA	SZ	4060	329	EP		14	2	44.53 0.02							1.0
ZIRO	SZ	4064	335	EP		14	2	45.32 0.52							1.0
SHBG	BZ	4190	326	EP		14	2	54.77 0.87							1.0
SHBG	BZ	4190	326	IAmb		14	2	55.53		32	0.4				
HYB	HZ	4298	307	EP		14	3	1.79-0.02							1.0
BHPL	HZ	4772	313	EP		14	3	34.95-0.39							1.0
BHPL	HZ	4772	313	IAmb		14	3	35.64		15	0.6				
SMLA	HZ	5364	321	E		14	1	51.68							
SMLA	HZ	5364	321	EP		14	4	15.92 0.06							1.0

July 25 2023 Hour: 18:43 15.6 Lat: 37.10N Lon: 71.51E D:165.6 Ag: NCS Regional
Magnitudes: 4.2ML NCS Rms: 1.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BN	451	138	ES		1845	2.14	0.84							1.0
SRIN	BE	451	138	IAML		1845	3.42			867	0.2				
SRIN	BN	451	138	IAML		1845	4.00			1093	0.3				
JMU	BZ	567	147	EP		1844	30.43	0.25							1.0
JMU	BN	567	147	ES		1845	26.80	2.20							1.0
JMU	BN	567	147	IAML		1845	28.00			285	0.5				
JMU	BE	567	147	IAML		1845	28.06			620	0.5				
UDMP	HZ	569	144	EP		1844	30.07-0.45								1.0
UDMP	HN	569	144	ES		1845	26.20	1.02							1.0
THN	BZ	649	141	EP		1844	40.49	0.53							1.0
THN	BN	649	141	ES		1845	41.50-0.02								1.0
BHK	BE	775	143	IAML		1846	9.62			166	0.6				
BHK	BN	775	143	IAML		1846	10.48			187	0.5				
SDNR	BZ	792	140	EP		1844	56.48-0.44								1.0
SDNR	BN	792	140	ES		1846	9.78-1.07								1.0
SMLA	HZ	843	140	EP		1845	2.48-0.82								1.0
SMLA	HN	843	140	ES		1846	20.01-1.88								1.0
SMLA	HN	843	140	IAML		1846	23.90			139	0.3				
SMLA	HE	843	140	IAML		1846	24.73			229	0.3				
JOSI	BZ	1039	132	EP		1845	27.89	1.24							1.0
JOSI	BN	1039	132	ES		1847	2.50	0.21							1.0
JOSI	BE	1039	132	IAML		1847	5.21			128	0.1				
JOSI	BN	1039	132	IAML		1847	5.89			131	0.5				
MUKT	HZ	1136	136	EP		1845	36.35-2.13								1.0
MUKT	HN	1136	136	ES		1847	22.18-0.57								1.0
MUKT	HE	1136	136	IAML		1847	23.50			46	0.5				
MUKT	HN	1136	136	IAML		1847	23.88			56	0.5				
PTH	BN	1160	133	ES		1847	26.60-1.64								0.0
AJM	BN	1219	165	ES		1847	39.39-0.08								1.0
TAWA	SZ	2180	113	EP		1847	33.31	1.39							1.0
KOHI	SZ	2482	114	EP		1848	0.12-0.21								1.0

July 25 2023 Hour: 19:29 34.2

Ag: Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KOHI	SZ			EP		1941	52.52								
MOKO	SZ			EP		1941	52.23								
TURA	SZ			EP		1942	10.63								
CMPI	HZ			EP		1941	51.48								

July 26 2023 Hour: 12:44 33.3

Lat: 14.85S Lon: 168.32E D: 10.0F

Ag: NCS Distant

Magnitudes: 6.4MW 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
IMP	SZ	9183	298	IP		1256	56.09	-0.35							1.0
MOKO	SZ	9186	300	IP		1256	57.02	-0.04							1.0
CMPI	HZ	9193	297	EP		1256	57.27	0.11							1.0
KOHI	SZ	9201	299	IP		1256	57.09	-0.73							1.0
JORH	HZ	9227	300	EP		1256	58.89	0.40							1.0
ZIRO	SZ	9295	301	IP		1257	2.35	0.71							1.0
SHL	HZ	9396	298	IP	C	1257	7.15	0.38							1.0
AGT	SZ	9407	296	IP		1257	8.41	1.69							1.0
GUWA	SZ	9447	299	IP		1257	8.62	0.07							1.0
TAWA	SZ	9482	300	IP		1257	11.80	1.00							1.0
TURA	SZ	9562	298	IP		1257	14.39	0.64							1.0
COBR	BZ	9662	298	EP		1257	17.25	-0.84							1.0
GTK	SZ	9778	299	IP	C	1257	24.05	0.39							1.0
SHBG	BZ	9801	297	EP		1257	26.25	2.15							1.0
BWNR	BZ	9819	291	EP		1257	25.10	0.19							1.0
BOKR	HZ	9924	295	EP		1257	28.20	-1.20							1.0
BOKR	HZ	9924	295	E		13	8	23.88							
JMUI	BZ	9927	296	EP		1257	30.44	1.02							1.0
KNTI	BZ	9960	294	EP		1257	30.67	-0.20							1.0
RAGD	BZ10027	290	EP			1257	34.95	1.29							1.0
STMR	BZ10076	297	EP			1257	38.41	2.75							1.0
RAJM	HZ10124	287	I			13	1	10.65							
JGDP	HZ10166	289	EP			1257	39.49	-0.03							1.0
MDRS	HZ10184	283	EP			1257	39.95	-0.29							1.0
VLK	BZ10226	298	EP			1257	42.62	0.69							1.0
VJD	BZ10235	286	EP			1257	41.03	-1.31							1.0
BLSP	BZ10239	292	EP			1257	41.86	-0.67							1.0
BLSP	BZ10239	292	IPP			13	1	20.72	-0.81						1.0
VAR	BZ10251	295	EP			1257	45.05	2.09							1.0
GKPR	BZ10252	297	I			13	1	51.52							
RAIP	HZ10265	291	EP			1257	44.12	0.46							1.0
SALM	BZ10360	281	EP			1257	50.69	3.08							1.0
SALM	BZ10360	281	IPP			13	1	29.28	-0.81						1.0
ALBI	BZ10367	295	EP			1257	47.56	-0.21							1.0
BRCH	BZ10450	297	I			13	1	33.04							
HYB	HZ10476	287	EP			1257	51.95	-0.43							1.0
JBPL	HZ10492	293	EP			1257	51.15	-1.75							1.0
BNDA	BZ10516	295	I			1257	53.94								
KDGU	HZ10619	281	EP			1257	57.42	-0.86							1.0
KDGU	HZ10619	281	IPP			13	1	49.08	0.76						1.0
PTH	BZ10638	299	EP			1257	59.98	0.49							1.0
PTH	BZ10638	299	I			13	1	55.77							
JHNI	BZ10683	295	EP			1258	0.40	-0.30							1.0
JHNI	BZ10683	295	I			13	1	55.62							
MUKT	HZ10687	299	EP			1257	59.85	-1.34							1.0
MUKT	HZ10687	299	I			13	1	53.12							
LATR	BZ10711	287	I			13	1	49.66							
JOSI	BZ10724	300	EP			1258	0.75	-1.77							1.0
GWAL	HZ10743	295	EP			1258	1.71	-1.44							1.0
GWAL	HZ10743	295	I			13	2	1.21							
BHPL	HZ10744	292	IP		C	1258	0.60	-2.60							1.0
SLPR	HZ10754	286	EP			1258	4.75	1.06							1.0

SLPR	HZ10754	286	I	13	1	38.96										
DDI	HZ10859	299	I	1311		7.73										
PWAL	BZ10874	297	I	13	2	10.04										
JMIU	BZ10890	297	I	13	2	12.05										
LDR	HZ10896	297	EP	1258		8.82-0.46									1.0	
NDI	HZ10899	298	EP	1258		9.79 0.37									1.0	
AYAN	BZ10903	297	I	13	2	3.84										
SMLA	HZ10961	300	EP	1258		10.90-1.02									1.0	
RTK	BZ10984	298	I	13	2	12.07										
JPR	HZ10989	295	I	13	2	15.37										
BHK	BZ11041	300	I	13	2	18.21										
DHRM	HZ11067	301	IP	C 1258		17.14 0.50									1.0	
AJM	BZ11096	295	EP	1258		16.09-1.01									1.0	
AJM	BZ11096	295	I	13	2	22.31										
AJM	BZ11096	295	E	13	4	43.97										
CHUR	HZ11106	297	I	13	2	19.41										
THN	BZ11117	301	EP	1258		16.56-1.39									1.0	
UDPR	BZ11145	293	EP	1258		17.78-1.20									1.0	
UDPR	BZ11145	293	IPP	13	2	36.53										
JMU	BZ11214	301	EP	1258		22.51 0.76									1.0	
SRGN	BZ11244	298	I	13	2	30.41										
JODH	HZ11247	294	I	13	2	33.57										
BKNR	BZ11262	296	I	13	2	30.52										

July 27 2023 Hour: 11: 7 53.8 Lat: 44.20N Lon: 144.24E D:525.3 Ag: NCS Distant
Magnitudes: 5.0Mb NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MOKO	SZ	4850	263	EP		1115	11.77	-0.42							1.0
MOKO	SZ	4850	263	I		1115	29.30								
CMPI	HZ	5139	261	EP		1115	32.00	-0.01							1.0
GTK	SZ	5255	268	E		1115	41.00								
BELO	SZ	5304	262	EP		1115	43.50	0.56							1.0
HNLY	BZ	5680	281	EP		1116	9.37	1.38							0.9
JOSI	BZ	5770	278	EP		1116	13.97	0.06							1.0
PTH	BZ	5780	276	EP		1116	14.68	-0.33							1.0
PTH	BZ	5780	276	IAmb		1116	15.08			33	0.6				
LGTI	BZ	5801	276	EP		1116	15.76	-0.77							1.0
LGTI	BZ	5801	276	IAmb		1116	16.46			23	0.7				
DDI	HZ	5904	279	EP		1116	22.86	0.51							1.0
SDNR	BZ	5918	280	EP		1116	22.86	-0.44							1.0
SDNR	BZ	5918	280	IAmb		1116	23.01			29	0.3				
DHRM	HZ	5921	282	EP		1116	23.31	-0.90							1.0
SMLA	HZ	5923	280	EP		1116	23.71	-0.12							1.0
THN	BZ	5949	282	EP		1116	25.48	0.23							1.0
NDI	HZ	6075	277	EP		1116	33.19	-0.11							1.0
NDI	HZ	6075	277	IAmb		1116	34.43			66	0.3				
NPL	BZ	6081	277	EP		1116	33.96	0.27							1.0
NPL	BZ	6081	277	IAmb		1116	34.80			67	0.4				
BHPL	HZ	6422	272	IP		1116	55.47	0.48							1.0
BHPL	HZ	6422	272	IAmb		1116	55.80			25	1.0				
AJM	BZ	6428	277	EP		1116	55.38	0.01							1.0
HYB	HZ	6746	266	EP		1117	14.34	-0.29							1.0

July 27 2023 Hour: 22:13 58.6 Lat: 30.37N Lon: 94.55E D: 10.0F Ag: NCS Local
Magnitudes: 4.3ML NCS 4.8Mb NCS Rms: 1.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ZIRO	SZ	322	192	EP		2214	44.81	0.38							1.0
ZIRO	SN	322	192	IAML		2215	32.70			1547	0.2				
TAWA	SZ	403	221	EP		2214	55.56	0.53							1.0
MOKO	SZ	448	180	EP		2214	59.28	-1.01							1.0
KOHI	SZ	517	185	EP		2215	7.86	-0.83							1.0
KOHI	SN	517	185	E		2215	58.17								

GUWA	SZ	541	212	EP	2215	11.60	0.50										1.0
GUWA	SZ	541	212	I	2215	27.06											
SILR	SZ	642	196	EP	2215	24.24	0.74										1.0
SILR	SE	642	196	E	2216	35.05											
SILR	SE	642	196	IAML	2217	19.97		432	1.1								
SILR	SN	642	196	IAML	2217	21.82		540	1.7								
GTK	SZ	671	241	EP	2215	28.15	0.55										1.0
GTK	SZ	671	241	I	2216	0.97											
TURA	SZ	685	219	EP	2215	29.37	0.57										1.0
TURA	SZ	685	219	I	2215	56.20											
TURA	SN	685	219	E	2216	48.50											
CMPI	HZ	771	189	EP	2215	40.02	0.56										1.0
CMPI	HN	771	189	E	2217	2.33											
BOKR	HZ	1125	232	I Amb	2216	24.13		14	0.7								
MUKT	HZ	1441	270	EP	2217	0.89	-0.50										1.0
SMLA	HZ	1664	277	EP	2217	32.12	3.55										0.9
CNWR	HZ	1809	243	EP	2217	44.23	-1.54										0.8
UDMP	HZ	1862	284	EP	2217	49.83	-2.25										0.8
BHPL	HZ	1874	249	EP	2217	51.56	-1.95										0.8
BHPL	HZ	1874	249	I Amb	2217	57.38		110	1.2								
JODH	HZ	2154	263	E	2218	21.56											
HYB	HZ	2165	232	EP	2218	25.67	-3.00										0.6
HYB	HZ	2165	232	I Amb	2218	27.90		17	0.7								
LATR	BZ	2252	238	E	2218	33.78											
LATR	BZ	2252	238	I Amb	2218	35.97		88	1.2								

July 27 2023 Hour: 22:15 59.2 Ag: NCS Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ZIRO	SE	654	84	ES		2218	26.25	-5.46							1.0
KOHI	SZ	698	101	EP		2218	17.68	44.82							1.0
KOHI	SN	698	101	ES		2218	59.77	18.52							1.0
CMPI	HZ	724	121	EP		2216	52.73	-43.3							1.0
BHPL	HZ	1077	249	EP		2217	51.24	-27.8							1.0
BHPL	HN	1077	249	ES		2220	52.85	51.72							1.0
SMLA	HZ	1082	297	EP		2217	30.16	-49.7							1.0
SMLA	HN	1082	297	ES		2220	34.76	32.16							1.0
UDPR	BZ	1385	262	EP		2218	24.02	-32.6							1.0
UDPR	BN	1385	262	ES		2221	22.17	15.95							1.0
LATR	BZ	1458	231	EP		2218	33.49	-32.0							1.0
LATR	BN	1458	231	ES		2221	31.78	10.20							1.0
ZIRO	SZ			EP		2217	42.09								

July 28 2023 Hour: 3:20 38.0 Lat: 30.00N Lon: 94.55E D: 12.3 Ag: NCS Local
Magnitudes: 3.7ML NCS Rms: 0.5 secs
Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ZIRO	SZ	283	194	EP		321	19.88	0.52							1.0
ZIRO	SE	283	194	E		322	4.01								
ZIRO	SE	283	194	IAML		322	13.06			441	0.3				
ZIRO	SN	283	194	IAML		322	15.19			681	0.8				
MOKO	SZ	408	180	EP		321	34.06	-0.74							1.0
KOHI	SZ	476	185	EP		321	43.33	0.17							1.0
KOHI	SN	476	185	E		322	58.09								
KOHI	SN	476	185	IAML		323	3.77			201	0.7				
GUWA	SZ	507	214	EP		321	46.82	0.10							1.0
GUWA	SZ	507	214	I		322	0.76								
SILR	SZ	604	197	E		321	43.29								
TURA	SZ	655	222	EP		322	4.01	-0.79							1.0
TURA	SZ	655	222	I		322	30.90								
CMPI	HZ	731	190	EP		322	14.76	0.46							1.0
CMPI	HE	731	190	E		323	39.35								
GTK	SZ	653	244	EP		322	4.98	0.28							1.0

July 28 2023 Hour: 7: 3 5.6 Lat: 30.94S Lon: 59.92E D: 10.0F Ag: NCS Distant
Magnitudes: 5.7Mb NCS Rms: 0.4 secs
Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KOD	BZ	4923	25	EP		711	15.52	-0.12							1.0
KAD	BZ	5549	18	I		727	21.35								
CMPI	HZ	6994	35	EP		713	32.81	0.69							1.0
CMPI	HZ	6994	35	I Amb		713	34.73			53	0.4				
MUKT	HZ	6999	19	EP		713	32.67	0.22							1.0
MUKT	HZ	6999	19	I Amb		713	35.06			38	0.6				
TURA	SZ	7027	31	E		713	32.09								
GTK	SZ	7127	28	EP		713	40.07	-0.21							1.0
GTK	SZ	7127	28	I Amb		713	51.01			39	0.2				
IMP	SZ	7153	34	EP		713	41.66	0.28							1.0
IMP	SZ	7153	34	I Amb		713	49.82			16	0.7				
GUWA	SZ	7165	32	EP		713	42.21	0.19							1.0
GUWA	SZ	7165	32	I Amb		713	50.77			50	1.4				
KOHI	SZ	7245	34	EP		713	46.81	-0.48							1.0
KOHI	SZ	7245	34	I Amb		713	50.77			26	0.5				
MOKO	SZ	7323	34	EP		713	51.73	-0.03							1.0
MOKO	SZ	7323	34	I Amb		713	54.34			25	0.7				
ITAN	SZ	7359	33	EP		713	53.52	0.13							1.0
ZIRO	SZ	7402	33	EP		713	55.14	-0.68							1.0
ZIRO	SZ	7402	33	I Amb		713	58.02			32	0.7				

July 28 2023 Hour: 7:58 59.7 Lat: 29.95S Lon: 59.67E D: 10.0F Ag: NCS Distant
Magnitudes: 5.9Ms NCS 5.8Mb 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
CHT	HZ	4782	26	I		819	31.70								
KOD	BZ	4835	26	EP		8 7	4.99	1.58							0.9
KDGU	HZ	5005	23	EP		8 7	17.01	1.60							0.9
KDGU	HZ	5005	23	I		820	10.14								
GOA	HZ	5249	19	I AMs_20		823	38.92			8071	15.4				
ATP	HZ	5290	24	I		821	45.22								
BLRY	HZ	5310	22	EP		8 7	37.36	0.46							1.0
BLRY	HZ	5310	22	I		821	39.15								
KNL	HN	5425	24	ES		814	48.39	-0.39							1.0
KNL	HZ	5425	24	I		822	19.62								
KAD	BZ	5452	18	EP		8 7	48.18	1.44							0.9
KAD	BZ	5452	18	I AMs_20		824	32.27			15129	16.3				
KLBG	HZ	5541	22	EP		8 7	53.48	0.61							1.0
SLPR	HZ	5546	20	I		822	43.89								
ASIV	HZ	5606	21	EP		8 7	57.90	0.54							1.0
VJD	BZ	5609	26	EP		8 7	58.82	1.35							0.9
HYB	HZ	5615	24	I AMs_20		823	46.63			14711	25.9				
AURD	HZ	5621	21	EP		8 7	58.86	0.52							1.0
LATR	BZ	5644	21	EP		8 8	0.34	0.40							1.0
JGDP	HZ	5928	27	I		825	54.06								
RAGD	BZ	6008	28	EP		8 8	24.65	0.51							1.0
CNWR	HZ	6109	22	EP		8 8	30.92	0.16							1.0
CNWR	HZ	6109	22	I		825	9.55								
RAIP	HZ	6128	25	EP		8 8	31.69	-0.34							1.0
RAIP	HZ	6128	25	I		825	47.99								
BHPL	HZ	6181	20	EP		8 8	35.82	0.45							1.0
BHPL	HZ	6181	20	I AMs_20		827	59.66			8569	18.4				
BWNR	BZ	6218	30	EP		8 8	38.25	0.44							1.0
BLSP	BZ	6239	25	EP		8 8	39.15	-0.04							1.0
JBPL	HZ	6264	23	I		825	45.97								
JODH	HZ	6377	14	EP		8 8	48.56	0.62							1.0
AJM	BZ	6435	16	EP		8 8	51.78	0.15							1.0
JHNI	BZ	6452	20	EP		8 8	52.23	-0.41							1.0
KNTI	BZ	6470	28	EP		8 8	54.34	0.46							1.0

ALBI	BZ	6551	23	EP	8 8	58.77-0.15									1.0
BOKR	HZ	6570	28	EP	8 9	0.30 0.10									1.0
VAR	BZ	6594	25	EP	8 9	2.08 0.51									1.0
KUDL	HZ	6668	17	EP	8 9	6.32 0.17									1.0
SONA	BZ	6696	18	EP	8 9	7.63-0.26									1.0
UJWA	BZ	6726	17	EP	8 9	8.99-0.75									1.0
LDR	HZ	6737	18	EP	8 9	10.80 0.41									1.0
AGT	SZ	6843	33	IAmb	8 9	18.72	113	0.7							
VLK	BZ	6852	25	EP	8 9	18.37 0.93									1.0
MUKT	HZ	6904	20	EP	8 9	19.87-1.03									1.0
CMPI	HZ	6918	35	EP	8 9	22.37 0.64									1.0
PTH	BZ	6935	20	EP	8 9	21.73-1.34									0.9
TURA	SZ	6946	31	EP	8 9	21.84-1.35									0.9
TURA	SZ	6946	31	IAmb	8 9	23.29	27	0.7							
UTK	BZ	7000	18	EP	8 9	25.91-0.62									1.0
UTK	BN	7000	18	ES	817	56.01-1.43									0.9
SMLA	HZ	7005	17	EP	8 9	26.15-0.70									1.0
GTK	SZ	7042	29	IP	D 8 9	29.18-0.25									1.0
GTK	SZ	7042	29	IAmb	8 9	30.02	55	0.5							
GTK	SZ	7042	29	I	818	5.07									
IMP	SZ	7077	35	IP	D 8 9	31.09 0.06									1.0
IMP	SZ	7077	35	IAmb	8 9	31.70	66	1.2							
IMP	SZ	7077	35	I	818	15.74									
GUWA	SZ	7085	32	IP	D 8 9	30.76-0.69									1.0
GUWA	SZ	7085	32	IAmb	8 9	31.58	46	1.0							
DHRM	HZ	7100	16	EP	8 9	32.27-0.73									1.0
THN	BZ	7108	15	EP	8 9	32.59-0.16									1.0
KOHI	SZ	7168	34	IP	D 8 9	36.49-0.46									1.0
KOHI	SZ	7168	34	IAmb	8 9	37.46	82	0.7							
KOHI	SZ	7168	34	I	818	15.74									
TAWA	SZ	7227	31	EP	8 9	38.94-1.57									0.9
TAWA	SZ	7227	31	IAmb	8 9	40.71	100	1.2							
TAWA	SZ	7227	31	I	818	25.08									
HNLY	BZ	7231	18	EP	8 9	39.81-0.30									1.0
MOKO	SZ	7246	34	IP	D 8 9	41.38-0.08									1.0
ITAN	SZ	7280	33	IP	D 8 9	42.88-0.13									1.0
ZIRO	SZ	7323	33	EP	8 9	44.56-0.89									1.0

July 28 2023 Hour: 12:39 45.4
 Magnitudes: 4.3ML NCS
 Rms: 0.8 secs

Lat: 36.44N Lon: 70.98E D:287.6
 Rms: 0.8 secs

Ag: NCS Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BN	437	126	ES		1241	37.73-1.14								1.0
JMU	BZ	538	138	EP		1241	1.92 0.36								1.0
JMU	BN	538	138	ES		1241	57.98 0.81								1.0
JMU	BN	538	138	IAML		1242	0.18			478	0.3				
JMU	BE	538	138	IAML		1242	0.61			463	0.2				
UDMP	HZ	545	135	EP		1241	3.65 1.28								1.0
UDMP	HN	545	135	ES		1241	58.48-0.10								1.0
AMRT	HN	644	145	ES		1242	17.88 0.58								1.0
BHK	BN	750	137	ES		1242	38.24 0.18								0.0
BHK	BE	750	137	IAML		1242	39.21			209	0.4				
BHK	BN	750	137	IAML		1242	40.00			322	0.5				
SDNR	BZ	772	133	EP		1241	27.61-0.11								1.0
SDNR	BN	772	133	ES		1242	41.52-0.91								1.0
SMLA	HZ	822	134	EP		1241	33.81 0.07								1.0
SMLA	HN	822	134	ES		1242	52.77-0.08								1.0
SMLA	HE	822	134	IAML		1242	55.73			205	0.6				
SMLA	HN	822	134	IAML		1242	55.80			226	0.3				
NDI	HZ	1040	144	EP		1241	58.77 0.03								1.0
MUKT	HZ	1120	131	EP		1242	7.15-1.43								1.0
MUKT	HN	1120	131	ES		1243	54.41 1.30								1.0
AJM	BN	1163	162	ES		1244	0.65-0.65								1.0

July 28 2023 Hour: 19:23 50.5 Lat: 10.89N Lon: 93.37E D: 90.2 Ag: NCS Regional
 Magnitudes: 6.1Mb NCS Rms: 1.3 secs
 Rms: 1.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BWNR	BZ	1315	323	EP		1926	34.17	-0.08							1.0
BWNR	BZ	1315	323	IAmb		1926	38.24			4060	0.7				
BWNR	BN	1315	323	E		1928	38.34								
VISK	HZ	1320	306	EP		1926	35.83	0.88							1.0
VISK	HN	1320	306	E		1928	36.37								
BELO	SZ	1384	352	EP		1926	41.84	-0.72							1.0
CMPI	HZ	1396	360	EP		1926	44.28	-0.00							1.0
CMPI	HZ	1396	360	IAmb		1926	47.26			1758	0.8				
CMPI	HN	1396	360	E		1929	2.00								
CAL	BZ	1397	338	EP		1926	46.97	2.85							1.0
RAGD	BZ	1410	312	EP		1926	47.18	1.38							1.0
RAGD	BZ	1410	312	I		1926	57.59								
RAGD	BN	1410	312	E		1928	57.99								
RAJM	HZ	1417	300	EP		1926	45.96	-0.62							1.0
RAJM	HZ	1417	300	IAmb		1926	50.75			2533	0.7				
RAJM	HN	1417	300	E		1928	58.91								
MDRS	HZ	1455	281	EP		1926	51.30	0.15							1.0
MDRS	HN	1455	281	E		1929	4.24								
AGT	SZ	1457	351	EP		1926	53.75	2.36							1.0
AGT	SE	1457	351	E		1929	15.69								
VJD	BZ	1510	296	EP		1926	57.36	-1.66							1.0
VJD	BZ	1510	296	I		1927	6.72								
VJD	BN	1510	296	E		1929	15.90								
JGDP	HZ	1518	308	EP		1927	0.44	0.42							1.0
JGDP	HN	1518	308	E		1929	22.00								
TPTI	HZ	1530	283	EP		1927	2.08	0.70							1.0
SILR	SZ	1539	358	EP		1927	0.93	-1.55							1.0
BOKR	HZ	1634	332	EP		1927	14.41	0.84							1.0
BOKR	HZ	1634	332	I		1927	20.25								
BOKR	HN	1634	332	E		1929	49.10								
KOHI	SZ	1644	3	EP		1927	13.11	-2.06							1.0
KOHI	SE	1644	3	E		1930	8.94								
TURA	SZ	1653	349	E		1927	11.56								
SALM	BN	1663	274	E		1927	18.76								
SALM	BE	1663	274	E		1929	48.61								
RAIP	HZ	1694	314	EP		1927	20.70	0.27							1.0
RAIP	HZ	1694	314	IAmb		1927	26.44			2009	1.0				
RAIP	HN	1694	314	E		1930	1.21								
SHBG	BZ	1700	340	EP		1927	21.20	0.24							1.0
SHBG	BN	1700	340	E		1930	0.80								
GUWA	SZ	1704	354	EP		1927	19.47	-1.98							1.0
GUWA	SN	1704	354	E		1930	6.06								
MOKO	SZ	1713	4	EP		1927	20.56	-2.42							1.0
JMUI	BZ	1728	335	EP		1927	23.06	-1.10							1.0
KNL	HZ	1746	290	EP		1927	24.37	-1.85							1.0
KNL	HN	1746	290	E		1930	6.69								
HYB	HZ	1754	296	EP		1927	26.24	-0.98							1.0
HYB	HZ	1754	296	IAmb		1927	32.39			1840	1.4				
HYB	HN	1754	296	E		1930	9.88								
ATP	HZ	1756	285	E		1927	28.34								
ATP	HN	1756	285	E		1930	9.65								
JORH	HZ	1758	3	EP		1927	25.38	-2.19							1.0
JORH	HE	1758	3	E		1930	30.51								
CHT	HZ	1773	268	EP		1927	25.62	-3.58							1.0
CHT	HN	1773	268	E		1930	9.54								
ARIA	BZ	1799	341	E		1927	34.69								
JPG	BZ	1801	345	EP		1927	30.86	-1.54							1.0
ZIRO	SZ	1843	2	EP		1927	35.10	-2.01							1.0
ZIRO	SN	1843	2	ES		1930	43.66	2.48							1.0

KOCH	HZ	1854	269	E		1927	41.96			
KOCH	HZ	1854	269	IAmb		1927	43.04	414	0.5	
TAWA	SZ	1857	355	EP		1927	39.48 0.22			1.0
GTK	SZ	1887	345	EP		1927	43.38 0.94			1.0
GTK	SE	1887	345	E		1930	47.52			
NGP	BN	1907	308	EP		1927	44.93 0.82			1.0
NGP	BN	1907	308	E		1930	42.84			
KDGU	HZ	1911	277	EP		1927	44.82 0.15			1.0
KDGU	HZ	1911	277	IAmb		1927	48.01	552	1.0	
KDGU	HZ	1911	277	I		1928	4.47			
KDGU	HN	1911	277	E		1930	39.91			
BLRY	HZ	1911	287	EP		1927	44.50-0.05			1.0
BLRY	HZ	1911	287	IAmb		1927	46.35	584	1.2	
BLRY	HZ	1911	287	I		1928	3.77			
BLRY	HN	1911	287	E		1930	40.04			
KLBG	HZ	1920	294	IP	D	1927	46.33 0.73			1.0
KLBG	HN	1920	294	E		1930	44.81			
VAR	BZ	1932	327	EP		1927	47.62 0.74			1.0
VAR	BZ	1932	327	IAmb		1927	49.69	1163	0.6	
VAR	BN	1932	327	E		1930	53.29			
AURD	HZ	1941	296	IP	D	1927	47.88-0.18			1.0
AURD	HN	1941	296	E		1930	49.09			
STMR	BZ	1951	335	IP	D	1927	51.29 2.28			1.0
JBPL	HZ	1972	315	IP	D	1927	52.16 1.11			1.0
JBPL	HZ	1972	315	IAmb		1927	54.91	1991	0.8	
JBPL	HN	1972	315	E		1930	59.84			
CNWR	HZ	1973	311	IP	D	1927	52.60 1.38			1.0
CNWR	HZ	1973	311	IAmb		1927	54.51	1674	1.1	
CNWR	HN	1973	311	E		1930	58.74			
LATR	BZ	1995	297	IP	D	1927	54.02 0.66			1.0
LATR	BZ	1995	297	IAmb		1927	55.64	755	1.1	
LATR	BN	1995	297	E		1930	58.67			
ASIV	HZ	2000	295	IP	D	1927	54.50 0.58			1.0
ASIV	HE	2000	295	E		1930	59.73			
SLPR	HZ	2025	294	IP	D	1927	57.18 0.80			1.0
SLPR	HZ	2025	294	IAmb		1927	59.16	861	1.0	
SLPR	HN	2025	294	E		1931	5.05			
MNGI	BZ	2027	278	IP		1927	56.36-0.18			1.0
VLK	BZ	2083	333	IP	D	1928	4.08 2.07			1.0
VLK	BN	2083	333	E		1931	24.98			
HRYA	BZ	2099	329	I	D	1928	4.59			
HRYA	BN	2099	329	E		1931	26.96			
BNDA	BZ	2121	321	EP		1928	6.29 0.49			1.0
BNDA	BN	2121	321	E		1931	29.82			
BHPL	HZ	2176	311	IP	D	1928	09.89-1.27			1.0
BHPL	HZ	2176	311	IAmb		1928	14.36	841	0.9	
BHPL	HN	2176	311	ES		1931	42.71-5.24			1.0
GOA	HZ	2178	286	EP		1928	08.81-2.50			1.0
GOA	HZ	2178	286	IAmb		1928	14.17	380	0.7	
GOA	HZ	2178	286	I		1928	31.38			
GOA	HN	2178	286	E		1931	38.41			
KAD	BZ	2189	291	EP		1928	12.80 0.43			1.0
KAD	BZ	2189	291	I		1928	35.23			
KAD	BN	2189	291	E		1931	40.66			
LKN	BZ	2192	325	E		1928	14.43			
BRCH	BZ	2220	328	EP		1928	16.70 1.36			1.0
BRCH	BN	2220	328	ES		1931	55.81 0.18			1.0
JHNI	BZ	2241	318	IP	D	1928	18.02 0.62			1.0
JHNI	BN	2241	318	E		1931	54.57			
GWAL	HZ	2328	319	IP	D	1928	26.23 0.30			1.0
GWAL	HZ	2328	319	IAmb		1928	27.96	2520	1.0	
GWAL	HN	2328	319	ES		1932	15.60 0.59			1.0
BOM	BZ	2380	294	IP	D	1928	31.55 0.65			1.0
BOM	BZ	2380	294	IAmb		1928	33.16	1169	0.9	

BOM	BN	2380	294	E		1932	20.78			
PALG	HZ	2414	297	IP	D	1928	34.45	0.29		1.0
PALG	HZ	2414	297	IAmb		1928	36.36		792	1.0
PALG	HZ	2414	297	I		1928	58.59			
PALG	HZ	2414	297	E		1929	15.83			
PALG	HN	2414	297	ES		1932	28.28	-1.76		1.0
LGTI	BZ	2471	328	EP		1928	40.10	-0.25		1.0
LGTI	BN	2471	328	ES		1932	39.85	-0.77		1.0
SRAT	HZ	2477	300	EP	*	1928	40.91	0.77		0.0
SRAT	HN	2477	300	ES		1932	44.66	3.73		1.0
PTH	BZ	2481	328	EP		1928	41.12	-0.02		1.0
PTH	BN	2481	328	E		1932	39.44			
MUKT	HZ	2502	327	EP		1928	42.53	-0.29		1.0
MUKT	HZ	2502	327	IAmb		1928	44.95		2075	0.6
MUKT	HN	2502	327	ES		1932	42.96	-1.42		1.0
PWAL	BZ	2538	321	EP		1928	45.78	-0.12		1.0
PWAL	BN	2538	321	ES		1932	49.39	0.28		1.0
JPR	HZ	2550	316	IP	D	1928	47.73	0.75		1.0
JPR	HN	2550	316	ES		1932	51.88	1.01		1.0
FBD	HZ	2564	321	IP	D	1928	48.33	0.20		1.0
FBD	HN	2564	321	ES		1932	54.18	1.28		1.0
UDPR	BZ	2572	309	IP	D	1928	49.30	0.54		1.0
UDPR	BN	2572	309	ES		1932	58.24	4.21		1.0
JMIU	BZ	2577	322	IP	D	1928	49.26	0.06		1.0
JMIU	BN	2577	322	ES		1932	53.79	-1.02		1.0
AYAN	BZ	2582	321	IP	D	1928	49.58	-0.03		1.0
AYAN	BZ	2582	321	IAmb		1928	51.58		1198	0.8
AYAN	BN	2582	321	ES		1932	53.95	-1.58		1.0
LDR	HZ	2584	322	IP	D	1928	49.90	0.18		1.0
LDR	HN	2584	322	ES		1932	56.36	0.63		1.0
NPL	BZ	2591	322	EP		1928	50.58	0.25		1.0
NPL	BN	2591	322	ES		1932	57.15	0.34		1.0
NDI	HZ	2592	322	EP		1928	49.95	-0.46		1.0
NDI	HN	2592	322	ES		1932	55.08	-1.88		1.0
UJWA	BZ	2604	321	EP		1928	50.96	-0.46		1.0
UJWA	BN	2604	321	ES		1932	57.72	-1.01		1.0
JOSI	BZ	2605	329	IP	D	1928	52.14	0.49		1.0
JOSI	BN	2605	329	ES		1932	57.63	-1.51		1.0
AJM	BZ	2614	314	EP		1928	53.42	1.12		1.0
AJM	BZ	2614	314	IAmb		1928	55.19		773	0.9
AJM	BN	2614	314	E		1933	17.16			
DDI	HZ	2673	326	EP		1928	58.00	0.93		1.0
DDI	HN	2673	326	ES		1933	8.33	-0.41		1.0
RTK	BZ	2674	321	EP		1928	56.95	-0.21		1.0
RTK	BN	2674	321	ES		1933	9.15	0.26		1.0
CHUR	HZ	2720	318	IP	D	1929	1.60	0.65		1.0
CHUR	HN	2720	318	IS	C	1933	16.18	0.67		1.0
JODH	HZ	2731	311	IP	D	1929	3.05	1.23		1.0
JODH	HE	2731	311	E		1933	24.26			
CGRH	BZ	2791	324	IP	D	1929	7.52	0.80		1.0
SMLA	HZ	2796	326	EP		1929	7.15	-0.22		1.0
SMLA	HZ	2796	326	IAmb		1929	9.10		962	0.9
SMLA	HN	2796	326	ES		1933	24.35	-2.37		1.0
BKNR	BZ	2829	315	EP		1929	10.60	0.83		1.0
BKNR	BN	2829	315	ES		1933	33.77	2.85		1.0
BARM	HZ	2838	308	EP		1929	11.87	1.38		1.0
BARM	HZ	2838	308	IAmb		1929	14.92		414	0.9
BARM	HN	2838	308	E		1934	2.61			
SDNR	BZ	2847	326	EP		1929	11.09	-0.23		1.0
SDNR	BN	2847	326	E		1933	30.96			
BHUJ	HZ	2865	302	EP		1929	12.92	0.19		1.0
BHUJ	HZ	2865	302	I		1929	36.37			
BHUJ	HN	2865	302	E		1934	13.17			
BHK	BZ	2868	325	IP	D	1929	13.07	0.14		1.0

BHK	BN	2868	325	ES		1933	35.51-0.94									1.0
SRGN	BZ	2920	319	IP	D	1929	16.87-0.28									1.0
SRGN	BN	2920	319	E		1933	36.33									
AMRT	HZ	2983	323	IP	D	1929	22.42 0.17									1.0
AMRT	HN	2983	323	IS	C	1933	52.61-0.16									1.0
UDMP	HZ	3073	325	IP	D	1929	29.35-0.13									1.0
UDMP	HN	3073	325	ES		1934	3.46-2.03									1.0
JMU	BZ	3080	325	IP	D	1929	30.06 0.02									1.0
JMU	BZ	3080	325	IAmb		1929	31.70			841	0.6					
JMU	BN	3080	325	ES		1934	6.34-0.14									1.0
SRIN	BZ	3187	327	EP		1929	38.79 0.13									1.0
SRIN	BN	3187	327	ES		1934	23.66 1.94									1.0

July 28 2023 Hour: 19:34 26.0

Ag: Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BELO	SZ			EP		1939	34.41								
KOHI	SZ			EP		1939	19.67								
GTK	SZ			EP		1939	29.95								
GUWA	SZ			EP		1939	22.48								
MOKO	SZ			EP		1939	24.90								
TAWA	SZ			EP		1939	25.97								
ZIRO	SZ			EP		1939	27.33								
ASIV	HZ			EP		1940	50.21								
ATP	HZ			EP		1940	25.77								
AURD	HZ			EP		1940	41.17								
BLRY	HZ			EP		1941	2.60								
CHT	HZ			EP		1940	14.72								
KDGU	HZ			EP		1940	40.84								
KNL	HZ			EP		1940	17.07								
MUKT	HZ			EP		1939	43.59								
SLPR	HZ			EP		1940	26.44								
SMLA	HZ			EP		1939	52.93								
BHPL	HZ			EP		1940	31.64								
LGTI	BZ			EP		1939	42.16								
PTH	BZ			EP		1939	42.83								
SDNR	BZ			EP		1939	55.55								

July 29 2023 Hour: 0:18 52.1

Lat: 35.15N Lon: 71.91E D: 10.0F

Ag: NCS Local

Magnitudes: 3.9ML NCS

Rms: 0.9 secs

Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	292	114	EP		019	35.50	1.09							1.0
SRIN	BN	292	114	ES		020	5.28	0.01							1.0
JMU	BZ	377	133	EP		019	45.45	0.77							1.0
JMU	BN	377	133	ES		020	24.57	1.55							1.0
JMU	BE	377	133	IAML		020	32.34			414	0.5				
JMU	BN	377	133	IAML		020	33.40			349	0.5				
UDMP	HZ	387	129	EP		019	45.72-0.23								1.0
UDMP	HN	387	129	ES		020	25.56 0.33								1.0
UDMP	HE	387	129	IAML		020	31.13			692	0.4				
UDMP	HN	387	129	IAML		020	31.95			633	0.4				
DHRM	HZ	519	127	EP		020	1.90-0.97								1.0
DHRM	HN	519	127	ES		020	54.25-0.25								1.0
DHRM	HE	519	127	IAML		021	17.03			386	0.1				
DHRM	HN	519	127	IAML		021	17.16			262	0.2				
SDNR	BZ	614	129	EP		020	13.01-0.69								1.0
SDNR	BN	614	129	ES		021	11.66-1.58								1.0
SMLA	HZ	663	131	EP		020	19.93-0.04								1.0

July 29 2023 Hour: 15:21 7.4 Lat: 15.98N Lon: 73.68E D: 5.0F 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
GOA	HZ	56	164	EPg		1521	17.56	0.39							1.0
GOA	HN	56	164	ESg		1521	23.74	-0.58							1.0
KAD	BZ	156	20	EP		1521	33.59	-0.02							1.0
KAD	BZ	156	20	I		1521	35.43								
KAD	BE	156	20	ES		1521	52.17	-0.58							1.0
KAD	BE	156	20	ISg		1521	52.79	-1.39							1.0
BLRY	HZ	293	105	EP		1521	50.84	0.52							1.0
BLRY	HN	293	105	ES		1522	20.24	-1.43							1.0
BLRY	HE	293	105	IAML		1522	21.66			127	0.3				
BLRY	HN	293	105	IAML		1522	21.79			164					
SLPR	HZ	303	52	EP	*	1521	54.86	3.24							0.0
SLPR	HN	303	52	ES		1522	27.55	0.40							1.0
SLPR	HE	303	52	IAML		1522	30.27			49	0.3				
SLPR	HN	303	52	IAML		1522	30.35			52	0.3				
MNGI	BE	365	159	E		1522	39.10								
LATR	BZ	405	48	E		1522	12.31								
LATR	BE	405	48	ES		1522	46.40	1.07							1.0
LATR	BE	405	48	IAML		1522	58.43			56	0.4				
LATR	BN	405	48	IAML		1522	58.74			20					
AURD	HZ	414	56	EP		1522	6.57	1.41							1.0
AURD	HN	414	56	ES		1522	47.95	0.62							1.0

July 29 2023 Hour: 20:44 4.8 Lat: 31.03N Lon: 95.85E D: 10.0F Ag: NCS Local
 Magnitudes: 3.9ML NCS Rms: 1.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ZIRO	SZ	434	207	EP		2045	5.96	1.54							1.0
ZIRO	SE	434	207	ES		2045	46.29	-1.62							1.0
ZIRO	SN	434	207	IAML		2045	54.62			460	0.7				
ZIRO	SE	434	207	IAML		2045	55.08			448	1.1				
MOKO	SZ	538	194	EP		2045	19.15	1.62							1.0
MOKO	SZ	538	194	E		2046	24.60								
TAWA	SZ	543	226	EP		2045	16.64	-1.70							1.0
KOHI	SZ	613	197	EP		2045	27.68	0.97							1.0
KOHI	SZ	613	197	I		2045	40.15								
TURA	SZ	823	223	EP	*	2045	48.13	-3.77							0.0
TURA	SN	823	223	ES		2047	9.83	3.54							1.0
CMPI	HZ	872	197	EP		2045	59.11	1.06							1.0
CMPI	HN	872	197	ES		2047	18.81	-1.88							1.0

July 29 2023 Hour: 22:29 29.7 Lat: 19.94N Lon: 94.29E D: 24.3 Ag: NCS Local
 Magnitudes: 4.1ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMPI	HZ	406	346	EP		2230	24.98	0.52							1.0
BELO	SZ	470	322	EP	*	2230	33.33	1.35							0.0
BELO	SN	470	322	ES		2231	19.93	1.15							1.0
AGT	SE	538	325	ES		2231	33.45	1.53							1.0
KOHI	SZ	640	358	EP		2230	54.04	0.72							1.0
KOHI	SN	640	358	ES		2231	55.00	0.65							1.0
MOKO	SZ	707	2	EP		2231	1.00	-0.40							1.0
GUWA	SZ	742	339	EP		2231	3.86	-1.32							1.0
GUWA	SN	742	339	ES		2232	14.00	-0.87							1.0
TURA	SZ	745	327	EP	*	2231	4.22	-1.45							0.0
TURA	SN	745	327	ES		2232	14.47	0.21							1.0
TURA	SN	745	327	IAML		2232	16.15			157	0.3				
ZIRO	SZ	841	357	EP		2231	17.65	0.28							1.0
ZIRO	SE	841	357	ES		2232	35.33	-0.62							1.0
ZIRO	SE	841	357	IAML		2232	39.01			287	0.6				

TAWA	SZ	883	344	EP	2231	22.35-0.74									1.0
BWNR	BZ	887	274	EP	2231	23.01 0.13									1.0
BWNR	BN	887	274	ES	2232	41.88-3.60									0.0
SHBG	BZ	901	312	EP	*2231	23.01-1.61									0.0
SHBG	BN	901	312	ES	2232	46.74-0.15									1.0
JMUI	BZ	997	305	EP	2231	37.00 0.68									1.0
JMUI	BN	997	305	ES	2233	8.34-0.40									1.0
GTK	SZ	1002	326	E	2231	36.08									
GTK	SN	1002	326	ES	2233	11.63 0.84									1.0
GTK	SN	1002	326	IAML	2233	15.13				102	0.8				
GTK	SE	1002	326	IAML	2233	15.58				66	0.6				
JGDP	HZ	1290	268	EP	2232	12.30 0.14									1.0
JGDP	HN	1290	268	ES	2234	10.76 0.02									1.0
JBPL	HZ	1528	286	EP	2232	42.23 0.99									1.0
JBPL	HN	1528	286	ES	2235	0.70-0.35									1.0
NGP	BZ	1595	278	EP	2232	50.06 0.70									0.9
NGP	BN	1595	278	ES	2235	14.93-0.17									0.9
HYB	HZ	1683	263	EP	2233	0.10-0.03									0.9
HYB	HN	1683	263	E	2235	41.82									
JHNI	BZ	1721	294	EP	2233	4.07-0.58									0.9
JHNI	BN	1721	294	ES	2235	41.15-0.40									0.9
LGTI	BZ	1776	309	EP	*2233	9.98-2.11									0.0
LGTI	BE	1776	309	ES	2235	51.85-0.46									0.8
PTH	BZ	1778	310	EP	2233	11.96-0.21									0.8
PTH	BN	1778	310	ES	2235	53.21-1.35									0.8
BHPL	HZ	1783	285	EP	2233	12.96 0.79									0.8
BHPL	HN	1783	285	ES	2235	54.16-0.40									0.8
SMLA	HZ	2116	309	EP	2233	50.45-2.05									0.6
AJM	BZ	2135	293	EP	2233	49.36-5.15									0.0
DHRM	HZ	2252	311	EP	2234	2.36-7.01									0.0

July 30 2023 Hour: 1:10 32.0 F Lat: 12.86N Lon: 90.91WD: 10.0F Ag: NCS Distant
 Magnitudes: 5.9MW NCS Rms: 1.5 secs
 Rms: 1.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	14756	16	EP		129	45.66-0.83								1.0
JMU	BZ	14761	16	EP		129	47.13 0.59								1.0
JMU	BZ	14761	16	I		133	20.34								
THN	BZ	14826	15	I		133	22.04								
DHRM	HZ	14860	15	EP		129	49.01 0.03								1.0
DHRM	HZ	14860	15	I		133	18.80								
HNLY	BZ	14871	12	EP		129	50.10 1.53								1.0
HNLY	BZ	14871	12	I		133	20.34								
AMRT	HZ	14882	17	EP		129	47.97-0.62								1.0
BHK	BZ	14953	15	EP		129	49.98 0.21								1.0
BHK	BZ	14953	15	I		133	24.72								
SMLA	HZ	15003	14	I		133	20.86								
CGRH	BZ	15032	15	EP		129	51.82 0.72								1.0
BKNR	BZ	15201	21	EP		129	53.65-0.24								1.0
PTH	BZ	15242	11	EP		129	53.34-1.86								1.0
PTH	BZ	15242	11	I		133	35.98								
NDI	HZ	15264	15	IP		129	54.13-0.79								1.0
NDI	HZ	15264	15	I		133	34.14								
UJWA	BZ	15267	16	EP		129	53.83-1.18								1.0
UJWA	BZ	15267	16	I		133	40.42								
JMIU	BZ	15279	15	EP		129	55.51 0.34								1.0
AYAN	BZ	15283	16	EP		129	55.14-0.15								1.0
AJM	BZ	15415	20	EP		129	56.52-0.94								1.0
ZIRO	SZ	15537	353	EP		129	58.51-0.90								1.0
ZIRO	SZ	15537	353	E		130	11.06								
ZIRO	SZ	15537	353	I		133	42.67								
TAWA	SZ	15549	356	EP		130	0.81 0.55								1.0
TAWA	SZ	15549	356	I		133	40.94								
ITAN	SZ	15581	354	EP		130	0.27 0.13								1.0

ITAN	SZ15581	354	I	133	43.55												
HRYA	BZ15590	9	EP	129	57.78	-2.45											1.0
GTK	SZ15590	1	EP	130	0.81	0.05											1.0
GTK	SZ15590	1	E	130	13.27												
JORH	HZ15618	353	E	130	21.51												
JORH	HZ15618	353	I	130	22.61												
MOKO	SZ15661	352	EP	130	1.95	0.11											1.0
GUWA	SZ15705	356	EP	130	0.81	-1.27											1.0
GUWA	SZ15705	356	IPP	133	43.56												
KOHI	SZ15733	353	EP	129	58.50	-4.55											0.0
KOHI	SZ15733	353	I	133	47.04												
TURA	SZ15788	358	EP	130	3.31	-0.12											1.0
TURA	SZ15788	358	EpP	130	16.57	170.4											0.0
TURA	SZ15788	358	IPP	133	46.17												
SHBG	BZ15818	2	EP	130	3.36	-0.51											1.0
IMP	SZ15832	353	EP	129	58.89	-5.23											0.0
BOKR	HZ15966	5	EP	130	2.68	-3.59											1.0
CMPI	HZ15987	353	EP	130	3.50	-3.27											1.0
RAIP	HZ16180	12	EP	130	9.13	-1.24											1.0
LATR	BZ16312	22	EP	130	10.46	-1.09											1.0
KAD	BZ16318	27	EP	130	12.80	1.21											1.0
ASIV	HZ16335	23	EP	130	11.94	0.04											1.0
SLPR	HZ16361	24	EP	130	13.63	1.34											1.0
AURD	HZ16364	22	EP	130	13.41	1.09											1.0
RAGD	BZ16431	10	IP	D 130	15.35	2.10											1.0
KLBG	HZ16436	22	EP	130	15.92	2.58											1.0
HYB	HZ16492	19	EP	130	16.76	2.53											1.0
VISK	HZ16594	11	EP	130	16.76	1.15											1.0
BLRY	HZ16620	25	EP	130	19.82	3.83											1.0
VJD	BZ16656	16	EP	130	17.42	0.92											1.0
ATP	HZ16746	23	EP	130	22.41	4.63											0.0
MDRS	HZ17012	19	EP	130	29.05	7.68											0.0
CHT	HZ17205	28	EP	129	57.44	-26.4											0.0

July 30 2023 Hour: 4:14 59.7 Lat: 31.26N Lon: 95.56E D: 10.0F Ag: NCS Local
Magnitudes: 4.2ML NCS Rms: 1.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ZIRO	SZ	445	202	EP		416	2.61	1.96							1.0
ZIRO	SN	445	202	ES		416	48.07	2.94							1.0
ZIRO	SN	445	202	IAML		416	52.42			1579	0.7				
ZIRO	SE	445	202	IAML		416	52.76			929	0.9				
ITAN	SZ	489	202	EP		416	5.24	-0.82							1.0
ITAN	SN	489	202	ES		416	53.48	-1.01							1.0
TAWA	SZ	541	222	EP		416	14.09	1.07							1.0
MOKO	SZ	556	191	EP		416	15.04	0.39							1.0
KOHI	SZ	630	193	EP		416	23.61	-0.06							1.0
KOHI	SZ	630	193	I		416	40.94								
KOHI	SN	630	193	ES		417	23.82	-1.12							1.0
GUWA	SZ	676	215	EP		416	27.21	-1.60							1.0
GUWA	SZ	676	215	I		416	41.68								
IMP	SZ	729	193	EP		416	35.41	0.10							1.0
TURA	SZ	823	221	EP		416	45.47	-1.29							1.0
CMPI	HZ	888	195	EP		416	55.26	0.34							1.0
CMPI	HE	888	195	ES		418	18.12	-0.89							1.0
CMPI	HE	888	195	IAML		418	29.37			101	0.9				

July 30 2023 Hour: 18:16 33.0 Lat: 29.65N Lon: 95.77E D: 10.0F Ag: NCS Local
Magnitudes: 3.1ML NCS Rms: 1.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ZIRO	SZ	301	219	EP		1817	15.77	0.87							1.0
ZIRO	SN	301	219	ES		1817	46.07	0.66							1.0
MOKO	SZ	389	199	EP		1817	26.43	0.16							1.0

MOKO	SZ	389	199	I		1817	36.92																
MOKO	SZ	389	199	IAML		1818	14.34			72	0.5												
TAWA	SZ	445	240	EP		1817	30.73-2.57											1.0					
TAWA	SZ	445	240	I		1817	45.36																
KOHI	SZ	465	201	EP		1817	35.79	0.13										1.0					
KOHI	SN	465	201	ES		1818	19.71-0.73											1.0					
KOHI	SE	465	201	IAML		1818	43.40			47	0.3												
KOHI	SN	465	201	IAML		1818	44.31			67	0.7												
TURA	SZ	714	231	EP		1818	7.61	2.41										1.0					
TURA	SN	714	231	ES		1819	12.17-0.24											1.0					
CMPI	HZ	725	200	EP		1818	5.99-0.69											1.0					
July 30 2023 Hour: 18:33 38.3 Lat: 30.91N Lon: 95.23E D: 10.0F Ag: NCS Regional																							
Magnitudes: 3.8ML NCS										Rms: 1.4 secs													
STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT								
ZIRO	SZ	398	200	EP		1834	34.22	0.76							1.0								
ZIRO	SZ	398	200	I		1834	35.79																
ZIRO	SE	398	200	ES		1835	15.17	1.41							1.0								
ZIRO	SN	398	200	IAML		1835	27.45			798	0.5												
ZIRO	SE	398	200	IAML		1835	27.86			735	0.6												
TAWA	SZ	492	222	EP		1834	47.00	1.45							1.0								
MOKO	SZ	513	188	EP		1834	48.43	0.48							1.0								
KOHI	SZ	586	191	EP		1834	56.99	0.17							1.0								
KOHI	SN	586	191	ES		1835	52.79-1.38								1.0								
GUWA	SZ	627	214	EP		1834	59.61-1.73								1.0								
GTK	SZ	758	240	EP		1835	19.83	1.96							1.0								
CMPI	HZ	843	193	EP		1835	28.17	0.19							1.0								
CMPI	HN	843	193	ES		1836	47.34-0.75								1.0								
CMPI	HE	843	193	IAML		1836	54.02			43	0.3												
CMPI	HN	843	193	IAML		1836	55.43			43	0.5												
BHPL	HZ	1956	249	EP		1837	40.92-2.56								1.0								
July 30 2023 Hour: 18:43 52.4 Lat: 30.15N Lon: 95.59E D: 10.0F Ag: NCS Local																							
Magnitudes: 3.2ML NCS										Rms: 1.4 secs													
STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT								
ZIRO	SZ	337	211	EP		1844	41.62	1.48							1.0								
ZIRO	SN	337	211	ES		1845	16.62	1.64							1.0								
ZIRO	SE	337	211	IAML		1845	27.02			158	0.3												
ZIRO	SN	337	211	IAML		1845	27.10			108	0.6												
MOKO	SZ	438	194	EP		1844	51.72-1.14								1.0								
MOKO	SZ	438	194	ES		1845	35.56-1.42								1.0								
TAWA	SZ	461	233	EP		1844	53.86-2.07								1.0								
KOHI	SZ	512	197	EP		1845	2.54	0.48							1.0								
KOHI	SN	512	197	I		1845	16.12																
KOHI	SN	512	197	ES		1845	52.29-0.60								1.0								
KOHI	SN	512	197	E		1846	19.47																
KOHI	SN	512	197	IAML		1846	23.72			44	1.0												
CMPI	HZ	772	198	EP		1845	35.04	1.63							1.0								
July 31 2023 Hour: 4: 2 22.0 Ag: Local																							
STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT								
KOHI	SN			ES		4 5	49.13																
ZIRO	SE			ES		4 5	8.44																
KOHI	SZ			EP		4 4	34.39																
ZIRO	SZ			EP		4 4	5.87																

July 31 2023 Hour: 7:40 25.5 Lat: 17.36N Lon: 74.27E D: 5.0 Ag: NCS Local
 Magnitudes: 1.7ML NCS Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KAD	BZ	11	236	EPg		740	27.66	0.02							1.0
KAD	BZ	11	236	I		740	27.69					56	0	8.4	
KAD	BN	11	236	ESg		740	29.21	-0.02							1.0
KAD	BE	11	236	IAML		740	29.82			78	0.2				
KAD	BN	11	236	IAML		740	29.92			224	0.2				

July 31 2023 Hour: 12:45 50.8 Lat: 29.65N Lon: 96.72E D: 10.0F Ag: NCS Local
 Magnitudes: 3.5ML NCS Rms: 1.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ZIRO	SZ	367	231	EP		1246	41.25	-2.16							1.0
ZIRO	SN	367	231	ES		1247	21.86	0.08							1.0
ZIRO	SN	367	231	IAML		1247	27.72			444	0.8				
ZIRO	SE	367	231	IAML		1247	27.77			366	0.8				
MOKO	SZ	428	211	E		1247	1.97								
KOHI	SZ	506	211	EP		1247	1.30	0.35							1.0
KOHI	SZ	506	211	E		1247	13.15								
KOHI	SN	506	211	ES		1247	52.08	-0.05							1.0
KOHI	SN	506	211	IAML		1248	21.34			36	1.3				
GUWA	SZ	626	233	EP		1247	16.84	1.79							1.0
GUWA	SZ	626	233	E		1247	19.62								
CMPI	HZ	762	207	EP		1246	34.71	-57.2							0.0
CMPI	HZ	762	207	ES		1247	32.78	-72.9							0.0