

Monthly Seismological Bulletin

from the

National Center For Seismology

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Ministry of Earth Sciences
New Delhi
INDIA

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GENERAL INFORMATION

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

The general model used for all local and regional events,

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

The coda magnitude formula given by :

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

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

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

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

where D is the hypocentral distance (km).

The crustal velocity model used for DELHI REGION is:

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

The coda magnitude formula for KOYNA REGION is given by :

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

The coda magnitude formula for GUJARAT REGION is given by :

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

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

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

The coda magnitude formula for CHAMOLI REGION given by :

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

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

LIST OF SEISMOLOGICAL STATIONS:

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

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

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

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

Abbreviations:

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

References:

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- Yu, G., Khattri, K.N., Anderson, J.G., Brune, J.N., and Zeng, Y. (1995). Strong ground motion from Uttarkashi, Himalaya, Indian earthquakes: Comparison of observations with synthetics using the composit source model.

April 1 2023 Hour: 5:42 27.4 Lat: 27.83N Lon: 86.21E D: 25.0F Ag: NCS Local
Magnitudes: 4.6ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
STMR	BZ	151	218	EP		0542	47.87	-1.46							1.0
STMR	BE	151	218	ES		0543	06.38	0.82							1.0
VLK	BZ	230	260	EP		0542	59.10	0.01							1.0
VLK	BN	230	260	ES		0543	22.72	0.19							1.0
GTK	SZ	243	103	EP		0543	01.32	0.50							1.0
GTK	SE	243	103	ES		0543	27.46	1.91							1.0
GTK	SE	243	103	IAML		0543	32.06			2696	0.2				
JPG	BZ	286	119	EP		0543	06.26	0.24							1.0
GKPR	BZ	301	247	EP		0543	07.35	-0.56							1.0
GKPR	BE	301	247	ES		0543	38.60	0.72							1.0
GKPR	BN	301	247	IAML		0543	46.01			2210	0.5				
GKPR	BE	301	247	IAML		0543	46.20			1527	0.8				
JMUI	BZ	322	180	EP		0543	09.44	-1.07							1.0
JMUI	BE	322	180	IAML		0544	07.82			7302	0.8				
DHUB	SZ	426	117	EP		0543	22.19	-1.18							1.0
BOKR	HZ	449	184	EP		0543	25.76	-0.35							1.0
BOKR	HN	449	184	ES		0544	10.03	0.47							1.0
BOKR	HN	449	184	IAML		0544	28.65			7001	0.4				
TURA	SZ	475	122	EP		0543	27.77	-1.53							1.0
TURA	SE	475	122	ES		0544	15.69	0.57							1.0
LGTI	BZ	623	288	EP		0543	46.89	-0.56							1.0
LGTI	BE	623	288	ES		0544	49.54	2.86							1.0
MUKT	HZ	666	287	EP		0543	50.99	-1.66							1.0
MUKT	HE	666	287	ES		0544	56.18	0.45							1.0
MUKT	HN	666	287	IAML		0545	43.68			1149	1.3				
TEZP	SZ	666	100	EP		0543	50.90	-1.58							1.0
MUKT	HE	666	287	IAML		0545	46.72			1232	1.3				
TEZP	SN	666	100	ES		0544	56.10	0.66							1.0
TEZP	SN	666	100	IAML		0545	36.51			2701	3.5				
AGT	SZ	667	130	EP		0543	51.77	-0.84							1.0
KOHI	SZ	819	105	EP		0544	11.02	0.35							1.0
KOHI	SE	819	105	ES		0545	27.14	0.06							1.0
KOHI	SN	819	105	IAML		0545	33.89			108	0.5				
KOHI	SE	819	105	IAML		0545	35.87			82	0.8				
MOKO	SE	840	100	ES		0545	31.88	0.48							1.0
MOKO	SE	840	100	IAML		0546	44.65			2018	1.4				
DDI	HZ	840	291	EP		0544	13.16	0.13							1.0
MOKO	SZ	840	100	EP		0544	12.89	-0.25							1.0
MOKO	SN	840	100	IAML		0546	43.42			2315	1.6				
CMPI	HZ	859	122	EP		0544	15.58	0.19							1.0
CMPI	HE	859	122	ES		0545	35.31	0.01							1.0
CMPI	HE	859	122	IAML		0545	51.46			1665	0.6				
SAIH	SZ	904	129	EP		0544	20.98	0.43							1.0
SAIH	SE	904	129	ES		0545	44.99	0.70							1.0
SAIH	SE	904	129	IAML		0545	53.95			2208	0.3				
SAIH	SN	904	129	IAML		0545	56.16			1288	0.6				
SMLA	HZ	950	295	EP		0544	25.11	-0.99							1.0
BHPL	HZ	1019	242	EP		0544	34.31	0.30							1.0
DHRM	HZ	1073	300	EP		0544	40.52	-0.02							1.0

April 1 2023 Hour: 22:51 19.5 Lat: 37.60N Lon: 71.85E D: 50.2 Ag: NCS Local
Magnitudes: 3.4ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	600	149	EP		2252	36.60	0.97							1.0
JMU	BE	600	152	ES		2253	31.55	-0.41							1.0
JMU	BN	600	152	IAML		2253	34.02			75	0.6				
JMU	BE	600	152	IAML		2253	34.09			72	0.5				
UDMP	HN	600	149	ES		2253	32.49	0.54							1.0
UDMP	HN	600	149	IAML		2253	32.70			1101	0.2				
ALCI	BZ	611	126	EP		2252	35.93	-1.30							1.0

ALCI	BE	611	126	ES	2253	35.57	0.84									1.0
ALCI	BE	611	126	IAML	2253	35.99			39	0.3						
ALCI	BN	611	126	IAML	2253	36.44			36	0.1						
THN	BZ	677	147	EP	2252	44.93	0.22									1.0
THN	BN	677	147	ES	2253	47.35	-0.40									1.0
THN	BN	677	147	IAML	2253	48.31			80	0.3						
DHRM	HZ	720	144	EP	2252	50.33	0.38									1.0
DHRM	HE	720	144	ES	2253	56.30	-0.57									1.0
DHRM	HE	720	144	IAML	2253	57.26			59	0.3						
DHRM	HN	720	144	IAML	2253	57.37			85	0.2						
SMLA	HZ	869	144	EP	2253	07.17	-0.27									1.0
SMLA	HE	869	144	ES	2254	27.32	0.01									1.0
SMLA	HE	869	144	IAML	2254	27.61			49	0.5						
SMLA	HN	869	144	IAML	2254	28.42			61	0.6						

April 2 2023 Hour: 5:30 31.9 Lat: 22.93N Lon: 80.75E D: 16.0 Ag: NCS Local
Magnitudes: 3.7ML NCS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALBI	BN	284	22	ES		0531	39.85	-0.26							1.0
ALBI	BE	284	22	IAML		0531	45.48			505	0.3				
ALBI	BN	284	22	IAML		0531	45.97			1178	0.4				
BNDA	BZ	285	351	EP		0531	11.43	0.16							1.0
BHPL	HZ	343	276	EP		0531	18.30	-0.10							1.0
BHPL	HN	343	276	ES		0531	52.92	0.14							1.0
BHPL	HN	343	276	IAML		0531	55.10			854	0.1				
BHPL	HE	343	276	IAML		0531	56.65			718	0.3				
JHNI	BZ	354	323	EP		0531	19.63	-0.14							1.0
JHNI	BN	354	323	IAML		0531	55.27			488	0.2				
JHNI	BE	354	323	ES		0531	55.28	0.12							1.0
JHNI	BE	354	323	IAML		0531	55.76			556	0.2				
GUNA	BZ	397	299	EP		0531	24.86	-0.28							1.0
ALBI	BZ	284	22	EP		0531	11.48	0.36							1.0
JBPL	HZ			EP		0530	47.41								
CNWR	HZ			EP		0531	05.90								
BOKR	HZ			EP		0531	36.16								
RAIP	HZ			EP		0530	58.64								
KNKR	BZ			EP		0531	42.64								

April 2 2023 Hour: 11: 2 55.4 Lat: 37.48N Lon: 71.15E D:126.4 Ag: NCS Regional
Magnitudes: 3.9ML NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BE	504	138	ES		1104	47.94	0.26							1.0
JMU	BE	620	146	ES		1105	11.25	0.26							1.0
JMU	BE	620	146	IAML		1105	13.08			108	0.4				
JMU	BN	620	146	IAML		1105	13.58			95	0.6				
UDMP	HZ	623	143	EP		1104	13.12	-0.55							1.0
UDMP	HE	623	143	ES		1105	11.57	-0.04							1.0
UDMP	HN	623	143	IAML		1105	14.23			2310	0.4				
UDMP	HE	623	143	IAML		1105	14.25			3031	0.3				
ALCI	BZ	655	122	EP		1104	16.69	-0.98							1.0
ALCI	BE	655	122	ES		1105	19.03	0.47							1.0
ALCI	BE	655	122	IAML		1105	21.27			43	0.0				
ALCI	BN	655	122	IAML		1105	22.19			71	0.2				
THN	BZ	702	141	EP		1104	23.36	0.38							1.0
THN	BE	702	141	ES		1105	27.71	-0.08							1.0
THN	BE	702	141	IAML		1105	30.09			765	0.2				
THN	BN	702	141	IAML		1105	30.72			1786	0.3				
DHRM	HZ	748	139	EP		1104	28.29	-0.17							1.0
DHRM	HN	748	139	ES		1105	36.75	-0.57							1.0
DHRM	HN	748	139	IAML		1105	40.06			325	0.6				
DHRM	HE	748	139	IAML		1105	40.36			409	0.3				
SMLA	HZ	896	140	EP		1104	46.33	0.47							1.0
SMLA	HE	896	140	ES		1106	07.28	-0.33							1.0
SMLA	HN	896	140	IAML		1106	07.61			61	0.5				

VLK	BZ	7439	302	EP	1814	45.26	1.78	1.0
VJD	BN	7440	290	ES	1823	24.97	1.59	1.0
RAIP	HZ	7460	295	EP	1814	43.85	-0.84	1.0
RAIP	HN	7460	295	ES	1823	23.28	-2.29	1.0
GKPR	BZ	7461	301	EP	1814	41.73	-2.98	1.0
ALBI	BZ	7569	300	EP	1814	51.53	0.73	1.0
ALBI	BN	7569	300	ES	1823	36.93	-0.24	1.0
SALM	BZ	7600	284	EP	1814	53.32	0.74	1.0
SALM	BN	7600	284	ES	1823	41.56	1.02	1.0
BRCH	BZ	7661	302	EP	1814	56.79	0.83	1.0
BRCH	BN	7661	302	ES	1823	45.87	-1.13	1.0
CHT	HZ	7668	282	EP	1814	56.13	-0.34	1.0
CHT	HN	7668	282	ES	1823	48.44	0.51	1.0
TRVM	HZ	7675	281	EP	1814	56.57	-0.14	1.0
TRVM	HE	7675	281	ES	1823	49.98	1.57	1.0
HYB	HZ	7679	291	EP	1814	56.72	-0.30	1.0
HYB	HE	7679	291	ES	1823	47.95	-1.05	1.0
JBPL	HZ	7687	297	EP	1814	57.38	-0.07	1.0
JBPL	HN	7687	297	ES	1823	50.53	0.70	1.0
KNL	HZ	7696	289	EP	1814	57.00	-0.93	1.0
KNL	HN	7696	289	ES	1823	49.10	-1.64	1.0
LKN	BZ	7704	301	EP	1814	57.97	-0.34	1.0
LKN	BN	7704	301	ES	1823	53.60	2.13	1.0
ATP	HZ	7713	287	EP	1814	58.68	-0.17	1.0
ATP	HN	7713	287	ES	1823	51.96	-0.54	1.0
BNDA	BZ	7717	299	EP	1814	57.99	-1.05	1.0
BNDA	BN	7717	299	ES	1823	51.75	-1.11	1.0
CNWR	HZ	7756	295	EP	1815	01.10	-0.20	1.0
CNWR	HN	7756	295	ES	1823	57.48	0.33	1.0
KOCH	HZ	7756	282	EP	1815	01.04	-0.13	1.0
KOCH	HN	7756	282	ES	1823	57.15	0.24	1.0
KLBG	HZ	7856	290	EP	1815	06.03	-0.62	1.0
KLBG	HN	7856	290	ES	1824	07.32	-0.05	1.0
KDGU	HZ	7857	285	EP	1815	07.34	0.53	1.0
KDGU	HN	7857	285	ES	1824	08.61	0.96	1.0
PTH	BZ	7859	303	EP	1815	06.55	-0.51	1.0
PTH	BN	7859	303	ES	1824	10.20	2.09	1.0
LGTI	BZ	7863	303	EP	1815	06.13	-1.19	1.0
LGTI	BN	7863	303	ES	1824	06.44	-2.16	1.0
BLRY	HZ	7867	288	EP	1815	06.95	-0.36	1.0
BLRY	HN	7867	288	ES	1824	07.48	-1.14	1.0
JHNI	BZ	7883	299	EP	1815	08.13	0.00	1.0
JHNI	BN	7883	299	ES	1824	10.62	0.42	1.0
MUKT	HZ	7906	303	EP	1815	09.53	-0.17	1.0
MUKT	HN	7906	303	ES	1824	12.23	-0.91	1.0
BHPL	HZ	7939	296	EP	1815	10.85	-0.36	1.0
BHPL	HN	7939	296	ES	1824	15.77	-0.31	1.0
GWAL	HZ	7944	299	EP	1815	11.81	0.37	1.0
GWAL	HN	7944	299	ES	1824	14.62	-1.92	1.0
JOSI	BZ	7950	304	EP	1815	12.47	0.40	1.0
JOSI	BN	7950	304	ES	1824	15.51	-2.16	1.0
SLPR	HZ	7959	290	EP	1815	11.50	-0.76	1.0
SLPR	HN	7959	290	ES	1824	16.01	-2.08	1.0
SUPA	HZ	8055	288	EP	1815	17.16	-0.27	1.0
SUPA	HN	8055	288	ES	1824	27.69	-0.30	1.0
UTK	BZ	8058	304	EP	1815	17.67	-0.02	1.0
ASOR	BZ	8060	302	EP	1815	17.04	-0.61	1.0
ASOR	BN	8060	302	ES	1824	27.65	-0.77	1.0
MERT	BZ	8070	302	EP	1815	19.41	1.24	1.0
MERT	BN	8070	302	ES	1824	31.50	2.08	1.0
INDR	HZ	8071	295	EP	1815	18.70	0.41	1.0
INDR	HN	8071	295	ES	1824	27.38	-2.26	1.0
DDI	HZ	8081	304	EP	1815	18.72	-0.11	1.0
BISR	BZ	8086	302	EP	1815	18.53	-0.49	1.0

BISR	BN	8086	302	ES	1824	31.16	0.10	1.0
FBD	HZ	8093	302	EP	1815	19.48	0.09	1.0
FBD	HN	8093	302	ES	1824	32.04	0.27	1.0
MNC	HZ	8097	280	EP	1815	20.10	0.53	1.0
JMIU	BZ	8100	302	EP	1815	20.33	0.58	1.0
JMIU	BN	8100	302	ES	1824	31.70	-0.75	1.0
LDR	HZ	8107	302	EP	1815	20.51	0.37	1.0
NDI	HZ	8111	302	EP	1815	21.23	0.89	1.0
AYAN	BZ	8113	302	EP	1815	20.22	-0.23	1.0
AYAN	BN	8113	302	ES	1824	34.03	0.24	1.0
NPL	BZ	8113	302	EP	1815	20.51	0.04	1.0
NPL	BN	8113	302	ES	1824	34.20	0.37	1.0
NRLA	BZ	8127	302	EP	1815	21.53	0.34	1.0
NRLA	BN	8127	302	ES	1824	35.12	-0.09	1.0
KAD	BZ	8132	290	EP	1815	20.51	-1.04	1.0
KAD	BE	8132	290	ES	1824	36.98	1.09	1.0
GOA	HZ	8135	288	EP	1815	19.99	-1.58	1.0
GOA	HN	8135	288	ES	1824	36.18	0.22	1.0
UJWA	BZ	8136	302	EP	1815	22.33	0.64	1.0
UJWA	BN	8136	302	ES	1824	38.78	2.61	1.0
BHGR	BZ	8136	302	EP	1815	21.58	-0.11	1.0
BHGR	BE	8136	302	ES	1824	35.97	-0.21	1.0
KKR	BZ	8185	303	EP	1815	24.01	-0.23	1.0
KKR	BN	8185	303	ES	1824	43.14	2.07	1.0
SMLA	HZ	8188	304	EP	1815	24.98	0.26	1.0
SMLA	HE	8188	304	ES	1824	43.31	1.39	1.0
POO	HZ	8192	291	EP	1815	24.04	-0.65	1.0
POO	HE	8192	291	ES	1824	44.00	2.08	1.0
CGRH	BZ	8212	304	EP	1815	25.59	-0.07	1.0
CGRH	BN	8212	304	ES	1824	44.22	0.43	1.0
BHK	BZ	8217	304	EP	1815	25.88	-0.06	1.0
BHK	BN	8217	304	ES	1824	44.64	0.31	1.0
SDNR	BZ	8224	305	EP	1815	26.66	0.26	1.0
SDNR	BN	8224	305	ES	1824	45.79	0.58	1.0
NASK	HZ	8229	292	EP	1815	26.60	-0.01	1.0
NASK	HN	8229	292	ES	1824	45.82	0.20	1.0
ALCI	BZ	8283	307	EP	1815	28.22	-1.61	1.0
ALCI	BN	8283	307	ES	1824	52.50	0.77	1.0
AJM	BZ	8296	299	EP	1815	29.80	-0.28	1.0
AJM	BN	8296	299	ES	1824	51.92	-0.38	1.0
DHRM	HZ	8300	305	EP	1815	30.45	-0.10	1.0
DHRM	HN	8300	305	ES	1824	50.78	-2.36	1.0
BOM	BZ	8307	291	EP	1815	30.48	-0.10	1.0
BOM	BN	8307	291	ES	1824	53.48	0.20	1.0
CHUR	HZ	8313	301	EP	1815	30.86	-0.05	1.0
CHUR	HN	8313	301	ES	1824	54.17	0.26	1.0
PALG	HZ	8320	292	EP	1815	30.39	-0.86	1.0
PALG	HN	8320	292	ES	1824	53.74	-0.83	1.0
UDPR	BZ	8341	297	EP	1815	32.84	0.45	1.0
UDPR	BN	8341	297	ES	1824	58.55	1.80	1.0
THN	BZ	8352	305	EP	1815	32.91	-0.06	1.0
THN	BN	8352	305	ES	1824	58.27	0.41	1.0
SRAT	HZ	8360	293	EP	1815	33.31	0.02	1.0
SRAT	HN	8360	293	ES	1824	58.33	-0.16	1.0
AMRT	HZ	8410	304	EP	1815	35.83	-0.09	1.0
AMRT	HN	8410	304	ES	1825	03.20	-0.36	1.0
UDMP	HZ	8427	305	EP	1815	36.69	-0.17	1.0
UDMP	HN	8427	305	ES	1825	05.10	-0.25	1.0
JODH	HZ	8446	298	EP	1815	38.58	0.85	1.0
JODH	HN	8446	298	ES	1825	05.52	-1.53	1.0
JMU	BZ	8450	305	EP	1815	37.75	-0.20	1.0
JMU	BN	8450	305	ES	1825	07.40	-0.08	1.0
SRGN	BZ	8458	302	EP	1815	38.29	-0.05	1.0
SRGN	BN	8458	302	ES	1825	09.47	1.24	1.0

BKNR	BZ	8471	300	EP	1815	38.86	-0.16									1.0
BKNR	BN	8471	300	ES	1825	09.52	-0.03									1.0
SRIN	BZ	8489	307	EP	1815	39.92	-0.23									1.0
SRIN	BN	8489	307	ES	1825	12.17	0.48									1.0
BARM	HZ	8595	298	EP	1815	44.47	-0.74									1.0
BARM	HN	8595	298	ES	1825	22.57	1.05									1.0
VRVL	HZ	8600	293	EP	1815	44.72	-0.75									1.0
VRVL	HN	8600	293	ES	1825	23.29	1.26									1.0
JASL	BZ	8670	299	EP	1815	47.15	-1.86									1.0
JASL	BN	8670	299	ES	1825	28.42	-0.46									1.0
BHUU	HZ	8717	295	EP	1815	51.14	-0.15									1.0
BHUU	HN	8717	295	ES	1825	33.60	0.28									1.0

April 2 2023 Hour: 18:46 12.9 Lat: 27.10N Lon: 92.19E D: 10.0 Ag: NCS Local
Magnitudes: 3.6ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TEZP	SZ	81	131	EP		*1846	24.02	-1.95							1.0
TEZP	SN	81	131	ES		*1846	35.39	-0.21							1.0
TEZP	SN	81	131	IAML		1846	36.91			5615	0.3				
KOHI	SN	245	128	ES		1847	14.51	0.68							1.0
KOHI	SE	245	128	IAML		1847	19.92			289	0.5				
MOKO	SN	247	110	IAML		1847	25.23			1163	0.3				
TURA	SZ			EP		1846	50.47								
KOHI	SZ			EP		1846	48.79								
SHL	HE			ES		1846	59.29								
TURA	SN			ES		1847	18.90								
MOKO	SZ			EP		1846	50.85								
MOKO	SE			ES		1847	17.00								
MOKO	SE	247	110	IAML		1847	24.89			924	0.2				
DHUB	SZ	249	242	EP		1846	47.97	-0.33							1.0
DHUB	SZ			ES		1847	16.21								

April 2 2023 Hour: 18:53 7.3 Ag: Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SAIH	SZ	2140	351	EP		1857	31.53	0.26							1.0
RAGD	BZ	2225	323	EP		1857	39.16	-0.36							1.0
KOHI	SZ	2481	355	EP		1858	03.36	-1.10							1.0
BOKR	HZ	2509	335	EP		1858	07.41	0.44							1.0
MOKO	SZ	2544	356	EP		1858	10.57	0.08							1.0
DHUB	SZ	2588	346	EP		1858	14.64	0.24							1.0
GTK	SZ	2766	344	EP		1858	30.32	0.77							1.0
SDNR	BZ	3706	329	EP		1859	44.39	-0.28							1.0
DHRM	HZ	3804	329	EP		1859	52.01	-0.44							1.0
THN	BZ	3850	329	EP		1859	56.14	0.35							1.0

April 2 2023 Hour: 19:42 39.0 Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LGTI	BZ			EP		1943	53.21								
JOSI	BZ			EP		1943	57.89								
PTH	BZ			EP		1943	53.94								
SDNR	BZ			EP		1944	07.41								
THN	BZ			EP		1944	13.22								
THN	BN			ES		1945	46.97								
UDMP	HZ			EP		1944	16.51								
UDMP	HN			ES		1945	56.36								
SMLA	HZ			EP		1944	05.96								
SMLA	HN			ES		1945	24.44								
SDNR	BN			ES		1945	28.52								
PTH	BN			ES		1944	37.99								
LGTI	BN			ES		1944	38.06								
JOSI	BN			ES		1944	49.63								
JMU	BN			ES		1946	00.38								
BHK	BZ			EP		1944	09.01								
BHK	BN			ES		1945	35.96								

ALCI	BZ	EP	1944	12.93
ALCI	BN	ES	1945	44.02
JMU	BZ	EP	1944	13.13

April 2 2023 Hour: 23: 3 4.8 Lat: 29.13N Lon: 78.33E D: 10.0F Ag: NCS Local
Magnitudes: 3.0ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MERT	BZ	61	253	EP		2303	14.23	-0.56							1.0
MERT	BN	61	253	ES		2303	21.24	-0.91							1.0
ASOR	BZ	69	233	EP		2303	15.87	-0.21							1.0
ASOR	BE	69	233	ES		2303	24.52	0.11							1.0
ASOR	BE	69	233	IAML		2303	26.64			311	0.2				
BISR	BZ	107	235	EP		2303	21.12	-0.77							1.0
BISR	BE	107	235	ES		2303	36.33	1.82							1.0
BISR	BE	107	235	IAML		2303	36.71			1125	0.2				
NDI	HZ	120	246	EP		2303	22.93	-0.90							1.0
NDI	HE	120	246	ES		2303	37.69	-0.20							1.0
NDI	HE	120	246	IAML		2303	37.75			763	0.5				
NRLA	BZ	125	256	EP		2303	24.81	0.28							1.0
NRLA	BE	125	256	ES		2303	39.97	0.87							1.0
NRLA	BE	125	256	IAML		2303	40.07			1238	0.2				
MUKT	HZ	133	74	EP		2303	26.17	0.21							1.0
MUKT	HN	133	74	ES		2303	41.96	0.37							1.0
DDI	HZ	134	349	EP		2303	25.48	-0.54							1.0
SMLA	HZ	248	333	EP		2303	39.55	-0.72							1.0
DHRM	HZ	396	331	EP		2303	58.59	-0.05							1.0
DHRM	HE	396	331	ES		2304	39.65	1.19							1.0
DHRM	HE	396	331	IAML		2304	40.18			45	0.2				

April 3 2023 Hour: 3: 6 51.4 Lat: 53.06N Lon: 159.93E D:105.0F Ag: NCS Distant
Magnitudes: 6.5MW NCS Rms: 1.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ASIV	HZ			EP		0318	03.70								
AURD	HZ			EP		0318	02.40								
LKP	SZ	5911	268	EP		0315	59.49	0.67							1.0
DIBR	SZ	5963	268	EP		0316	03.32	1.08							1.0
ITAN	SZ	6069	269	EP		0316	07.12	-2.06							1.0
MOKO	SZ	6083	268	EP		0316	11.20	0.92							1.0
KOHI	SZ	6159	268	EP		0316	16.25	1.00							1.0
TEZP	SZ	6173	269	EP		0316	16.69	0.73							1.0
IMP	SZ	6244	267	EP		0316	20.20	-0.42							1.0
GUWA	SZ	6282	270	EP		0316	22.61	-0.35							1.0
SHL	HZ	6323	269	EP		0316	26.01	0.22							1.0
SILR	SZ	6324	268	EP		0316	25.99	0.36							1.0
CMPI	HZ	6397	267	EP		0316	30.62	0.12							1.0
GTK	SZ	6398	273	EP		0316	30.50	0.03							1.0
DHUB	SZ	6410	271	EP		0316	31.82	0.74							1.0
COBR	BZ	6424	272	EP		0316	32.11	0.19							1.0
TURA	SZ	6436	271	EP		0316	33.03	0.25							1.0
JPG	BZ	6454	273	EP		0316	34.03	0.20							1.0
SAIH	SZ	6503	266	EP		0316	39.06	1.95							1.0
BELO	SZ	6542	268	EP		0316	39.59	0.20							1.0
ALCI	BZ	6595	287	EP		0316	42.94	-0.08							1.0
HNLY	BZ	6595	285	EP		0316	43.19	0.00							1.0
STMR	BZ	6666	275	EP		0316	46.88	-0.16							1.0
VLK	BZ	6700	277	EP		0316	49.15	0.04							1.0
JOSI	BZ	6735	283	EP		0316	51.53	0.01							1.0
JMUI	BZ	6753	273	EP		0316	52.61	0.23							1.0
SRIN	BZ	6760	289	EP		0316	54.31	1.39							1.0
PTH	BZ	6771	281	EP		0316	53.65	-0.04							1.0
GKPR	BZ	6790	277	EP		0316	54.74	0.08							1.0
UTK	BZ	6794	284	EP		0316	54.99	0.04							1.0
LGTI	BZ	6795	281	EP		0316	54.90	-0.23							1.0
DHRM	HZ	6809	286	EP		0316	56.22	0.20							1.0

CAL	BZ	6811	270	EP	0316	56.22	0.29	1.0
THN	BZ	6826	287	EP	0316	56.99	0.19	1.0
SDNR	BZ	6829	285	EP	0316	56.53	-0.50	1.0
BHK	BZ	6838	285	EP	0316	57.45	-0.03	1.0
BRCH	BZ	6844	279	EP	0316	57.86	-0.03	1.0
SMLA	HZ	6844	285	EP	0316	58.86	0.66	1.0
DDI	HZ	6852	284	EP	0316	58.47	0.05	1.0
JMU	BZ	6861	288	EP	0316	58.69	-0.17	1.0
BOKR	HZ	6870	273	EP	0316	58.79	-0.74	1.0
CGRH	BZ	6902	285	EP	0317	01.18	-0.18	1.0
AMRT	HZ	6948	287	EP	0317	04.31	0.20	1.0
LKN	BZ	6957	279	EP	0317	04.66	-0.07	1.0
KKR	BZ	6962	284	EP	0317	04.93	-0.08	1.0
MERT	BZ	6983	283	EP	0317	06.17	-0.11	1.0
ASOR	BZ	6999	283	EP	0317	07.19	-0.02	1.0
NRLA	BZ	7035	283	EP	0317	09.00	-0.36	1.0
BISR	BZ	7036	283	EP	0317	09.48	0.07	1.0
NDI	HZ	7041	283	EP	0317	09.68	-0.05	1.0
JMIU	BZ	7045	283	EP	0317	09.98	0.00	1.0
NPL	BZ	7048	283	EP	0317	09.95	-0.17	1.0
LDR	HZ	7049	283	EP	0317	10.07	-0.13	1.0
FBD	HZ	7057	283	EP	0317	10.83	0.19	1.0
BHGR	BZ	7059	283	EP	0317	08.15	-2.61	1.0
AYAN	BZ	7063	283	EP	0317	11.02	-0.03	1.0
RTK	BZ	7065	284	EP	0317	11.00	-0.10	1.0
UJWA	BZ	7071	283	EP	0317	11.00	-0.47	1.0
BNDA	BZ	7100	278	EP	0317	10.42	-2.83	1.0
KUDL	HZ	7133	283	EP	0317	15.10	-0.10	1.0
SRGN	BZ	7155	286	EP	0317	16.32	-0.10	1.0
BWNR	BZ	7171	270	EP	0317	17.22	-0.29	1.0
GWAL	HZ	7180	280	EP	0317	16.91	-1.06	1.0
JHNI	BZ	7216	279	EP	0317	19.95	-0.14	1.0
CHUR	HZ	7221	284	EP	0317	20.36	0.03	1.0
DGPR	HZ	7306	259	EP	0317	24.31	-1.06	1.0
JBPL	HZ	7317	277	EP	0317	26.01	0.03	1.0
BKNR	BZ	7337	285	EP	0317	26.85	-0.20	1.0
GUNA	BZ	7368	280	EP	0317	29.12	0.17	1.0
AJM	BZ	7397	283	EP	0317	30.25	-0.34	1.0
RAGD	BZ	7416	271	EP	0317	32.37	0.65	1.0
PBA	HZ	7452	259	EP	0317	32.67	-1.10	1.0
BHPL	HZ	7480	279	EP	0317	35.10	-0.28	1.0
JODH	HZ	7514	284	EP	0317	37.30	0.09	1.0
JGDP	HZ	7525	272	EP	0317	37.70	-0.26	1.0
VISK	HZ	7554	270	EP	0317	38.37	-1.17	1.0
JASL	BZ	7597	286	EP	0317	41.75	-0.13	1.0
UDPR	BZ	7612	283	EP	0317	42.62	-0.18	1.0
INDR	HZ	7640	279	EP	0317	44.20	-0.18	1.0
BARM	HZ	7663	285	EP	0317	48.10	2.54	1.0
CMBY	HZ	7771	255	EP	0317	51.33	-0.29	1.0
HYB	HZ	7900	274	EP	0317	58.54	-0.24	1.0
LATR	BZ	7950	276	EP	0318	01.72	0.17	1.0
SRAT	HZ	7966	281	EP	0318	02.34	0.07	1.0
NASK	HZ	7993	279	EP	0318	03.84	0.05	1.0
KLBG	HZ	8023	275	EP	0318	02.40	-2.98	1.0
SLPR	HZ	8054	276	EP	0318	01.96	-5.12	1.0
KNL	HZ	8077	273	EP	0318	08.25	-0.06	1.0
POO	HZ	8118	278	EP	0318	10.64	0.13	1.0
BOM	BZ	8155	279	EP	0318	12.34	-0.04	1.0
MDRS	HZ	8172	270	EP	0318	13.19	-0.16	1.0
KAD	BZ	8201	277	EP	0318	14.93	0.03	1.0
ATP	HZ	8203	273	EP	0318	17.34	2.37	1.0
SUPA	HZ	8354	276	EP	0318	23.03	0.15	1.0
GOA	HZ	8381	276	EP	0318	25.02	0.79	1.0
CHT	HZ	8647	270	EP	0318	38.14	0.26	1.0

KOCH	HZ	8676	271	EP	0318	39.72	0.57									1.0
TRVM	HZ	8779	270	EP	0318	45.01	0.74									1.0
MNC	HZ	9060	273	EP	0318	59.32	1.49									1.0
AGT	SZ	6503	269	EP	0316	37.74	0.85									1.0

April 3 2023 Hour: 7: 6 50.7 Lat: 32.67N Lon: 76.04E D: 15.0 Ag: NCS Local
Magnitudes: 2.3ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THN	BZ	34	222	EP		*0706	55.96	-0.69							0.0
THN	BE	34	222	ES		0707	03.72	3.37							1.0
SDNR	BZ	150	147	EP		*0707	10.80	-2.62							0.0
SDNR	BE	150	147	ES		0707	30.95	3.35							1.0
SDNR	BN	150	147	IAML		0707	31.68			45	0.3				
SDNR	BE	150	147	IAML		0707	32.08			69	0.2				
BHK	BZ	165	149	EP		0707	15.47	0.31							1.0
BHK	BE	165	149	IAML		0707	32.14			150	0.3				
BHK	BN	165	149	ES		0707	32.47	-0.77							1.0
BHK	BN	165	149	IAML		0707	32.90			217	0.4				
SMLA	HZ	201	148	EP		0707	18.43	-1.45							1.0
ALCI	BN	201	31	ES		0707	42.88	1.18							1.0
ALCI	BN	201	31	IAML		0707	46.34			27	0.3				
SMLA	HN	201	148	ES		0707	41.36	-0.11							1.0
SMLA	HN	201	148	IAML		0707	41.99			32	0.3				
SMLA	HE	201	148	IAML		0707	42.81			105	0.2				
HNLY	BZ	275	87	EP		0707	29.66	0.41							1.0
HNLY	BN	275	87	ES		0707	57.96	0.20							1.0
HNLY	BN	275	87	IAML		0708	02.64			19	0.2				
ALCI	BZ	201	31	EP		0707	20.24	0.22							1.0

April 3 2023 Hour: 8:22 9.2 Lat: 25.74N Lon: 90.14E D: 10.0F Ag: NCS Local
Magnitudes: 4.2ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TURA	SZ	26	160	EP		0822	12.89	-0.81							1.0
TURA	SE	26	160	ES		0822	17.44	0.43							1.0
TURA	SN	26	160	IAML		0822	17.87			16460	0.2				
DHUB	SZ	35	336	EP		0822	14.17	-0.87							1.0
COBR	BZ	92	313	EP		0822	23.03	-0.87							1.0
COBR	BE	92	313	ES		0822	33.60	-1.16							1.0
GUWA	SZ	164	72	EP		0822	32.00	-1.99							1.0
GUWA	SE	164	72	ES		*0822	49.28	-3.04							0.0
SHL	HZ	174	96	EP		0822	34.58	-0.79							1.0
SHL	HN	174	96	ES		0822	54.01	-0.71							1.0
GTK	SZ	233	319	EP		0822	43.98	1.28							1.0
GTK	SE	233	319	ES		0823	09.34	1.86							1.0
GTK	SN	233	319	IAML		0823	12.43			818	0.3				
TEZP	SZ	284	69	EP		0822	49.65	0.78							1.0
TEZP	SN	284	69	ES		0823	18.19	-0.02							1.0
TEZP	SN	284	69	IAML		0823	20.65			5048	0.3				
ITAN	SZ	390	66	EP		0823	03.08	0.95							1.0
ITAN	SN	390	66	ES		0823	41.31	0.03							1.0
IMP	SZ	397	104	EP		0823	03.56	0.57							1.0
IMP	SE	397	104	ES		0823	43.03	0.25							1.0
KOHI	SZ	399	89	EP		0823	04.27	0.99							1.0
MOKO	SZ	443	81	EP		0823	08.12	-0.63							1.0
MOKO	SE	443	81	ES		0823	53.24	0.45							1.0
MOKO	SN	443	81	IAML		0824	13.11			5127	0.6				
SAIH	SZ	462	141	EP		0823	11.33	0.35							1.0
SAIH	SN	462	141	ES		0823	56.60	-0.08							1.0
SAIH	SE	462	141	IAML		0824	02.00			1409	0.1				
SAIH	SN	462	141	IAML		0824	03.03			1262	0.3				

April 3 2023 Hour: 14:59 40.9 Lat: 0.99N Lon: 99.11E D: 70.0F Ag: NCS Regional
 Magnitudes: 6.2MW NCS Rms: 1.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AURD	HZ			EP		1505	21.96								
PBA	HZ	1374	329	EP		1502	32.30	4.84							0.0
SAIH	SZ	2470	345	EP		1504	32.35	0.68							1.0
SAIH	SN	2470	345	ES		1508	33.96	0.78							1.0
MDRS	HZ	2474	303	EP		1504	32.61	0.70							1.0
MDRS	HN	2474	303	ES		1508	33.85	0.30							1.0
VISK	HZ	2532	318	EP		1504	38.24	0.85							1.0
CMPI	HZ	2568	346	EP		1504	42.60	1.56							1.0
TPTI	HZ	2569	304	EP		1504	42.04	1.08							1.0
BWNR	BZ	2576	327	EP		1504	41.84	0.37							1.0
BWNR	BN	2576	327	ES		1508	51.47	2.95							1.0
TRVM	HZ	2593	289	EP		1504	44.05	1.18							1.0
TRVM	HE	2593	289	ES		1508	50.49	-0.52							1.0
SALM	BZ	2598	298	EP		1504	43.31	-0.05							1.0
SALM	BN	2598	298	ES		1508	51.84	-0.04							1.0
BELO	SZ	2599	342	EP		1504	44.79	1.46							1.0
BELO	SN	2599	342	ES		1508	52.33	0.50							1.0
KOD	BZ	2604	294	EP		1504	44.57	0.41							1.0
KOD	BN	2604	294	ES		1508	50.36	-2.91							1.0
CHT	HZ	2613	293	EP		1504	44.72	0.06							1.0
CHT	HN	2613	293	ES		1508	53.66	-0.51							1.0
RAGD	BZ	2645	321	EP		1504	46.25	-0.91							1.0
RAGD	BN	2645	321	ES		1508	58.04	-0.58							1.0
CAL	BZ	2655	335	EP		1504	48.81	0.89							1.0
CAL	BE	2655	335	ES		1509	04.67	4.70							1.0
VJD	BZ	2655	311	EP		1504	47.28	-0.72							1.0
AGT	SZ	2672	342	EP		1504	51.74	2.36							1.0
AGT	SN	2672	342	ES		1509	03.78	1.23							1.0
IMP	SZ	2696	348	EP		1504	52.32	0.90							1.0
IMP	SN	2696	348	ES		1509	04.56	-1.56							1.0
SILR	SZ	2719	346	EP		1504	55.14	1.93							1.0
SILR	SN	2719	346	ES		1509	09.65	0.39							1.0
JGDP	HZ	2734	318	EP		1504	55.10	0.57							1.0
JGDP	HE	2734	318	ES		1509	09.45	-2.12							1.0
KOHI	SZ	2789	349	EP		1505	00.81	1.67							1.0
KOHI	SN	2789	349	ES		1509	18.73	-0.88							1.0
ATP	HZ	2801	304	EP		1505	00.25	0.28							1.0
ATP	HN	2801	304	ES		1509	20.04	-1.02							1.0
SHL	HZ	2829	345	EP		1505	03.54	1.09							1.0
SHL	HE	2829	345	ES		1509	22.63	-2.77							1.0
KNL	HN	2833	306	ES		1509	25.26	-0.34							1.0
MOKO	SN	2846	350	ES		1509	26.76	-1.00							1.0
KDGU	HZ	2859	297	EP		1505	04.81	0.07							1.0
KDGU	HN	2859	297	ES		1509	27.61	-1.79							1.0
TURA	SZ	2877	341	EP		1505	07.87	1.69							1.0
HYB	HZ	2893	310	EP		1505	07.53	0.08							1.0
HYB	HN	2893	310	ES		1509	39.49	5.36							1.0
BOKR	HZ	2899	331	EP		1505	08.16	0.22							1.0
BOKR	HN	2899	331	ES		1509	35.52	0.53							1.0
KNTI	BZ	2912	330	EP		1505	06.10	-2.90							1.0
KNTI	BN	2912	330	ES		1509	36.49	-0.36							1.0
TEZP	SZ	2916	347	EP		1505	10.40	1.14							1.0
RAIP	HZ	2932	321	EP		1505	11.09	0.46							1.0
LKP	SZ	2937	353	EP		1505	12.30	1.36							1.0
LKP	SN	2937	353	ES		1509	32.40	-7.83							1.0
DHUB	SZ	2938	341	EP		1505	13.14	2.12							1.0
BLRY	HZ	2962	303	EP		1505	12.90	-0.14							1.0
BLRY	HN	2962	303	ES		1509	44.06	0.14							1.0
MNGI	BZ	2981	297	EP		1505	15.07	0.58							1.0
MNGI	BN	2981	297	ES		1509	45.28	-1.19							1.0

COBR	BE	2985	341	ES	1509	42.20-4.94	1.0
JMUI	BZ	2990	333	EP	1505	17.23 1.98	1.0
MNC	HZ	2999	286	EP	1505	17.22 1.23	0.0
MNC	HN	2999	286	ES	1509	52.32 3.23	1.0
KLBG	HZ	3035	308	EP	1505	19.57 0.67	1.0
KLBG	HE	3035	308	ES	1509	53.91-0.30	1.0
JPG	BZ	3040	339	EP	1505	22.06 2.81	1.0
GTK	SZ	3123	340	EP	1505	28.74 2.61	1.0
SUPA	HZ	3129	302	EP	1505	24.23-2.21	1.0
SUPA	HN	3129	302	ES	1510	06.79-0.71	1.0
CNWR	HZ	3196	318	EP	1505	32.96 1.12	1.0
CNWR	HN	3196	318	ES	1510	18.04 0.99	1.0
GOA	HZ	3208	301	EP	1505	32.81 0.10	1.0
GOA	HN	3208	301	ES	1510	21.18 2.59	1.0
STMR	BZ	3213	334	EP	1505	32.71-0.41	1.0
JBPL	HZ	3214	321	EP	1505	33.44 0.19	1.0
JBPL	HE	3214	321	ES	1510	19.13-0.40	1.0
ALBI	BZ	3271	327	EP	1505	38.14 0.37	1.0
ALBI	BN	3271	327	ES	1510	30.05 2.51	1.0
KAD	BZ	3273	305	EP	1505	37.48-0.46	1.0
KAD	BN	3273	305	ES	1510	25.95-1.90	1.0
GKPR	BZ	3307	331	EP	1505	39.75-0.86	1.0
GKPR	BN	3307	331	ES	1510	34.42 1.85	1.0
VLK	BZ	3347	332	EP	1505	43.21-0.58	1.0
VLK	BE	3347	332	ES	1510	38.78 0.57	1.0
POO	HZ	3374	307	EP	1505	44.59-1.37	1.0
POO	HE	3374	307	ES	1510	38.20-3.86	1.0
BNDA	BZ	3379	325	EP	1505	45.65-0.66	1.0
BNDA	BN	3379	325	ES	1510	46.30 3.62	1.0
BHPL	HZ	3399	318	EP	1505	47.64-0.35	1.0
BHPL	HN	3399	318	ES	1510	47.54 1.88	1.0
LKN	BZ	3456	327	EP	1505	51.59-0.81	1.0
INDR	HZ	3462	315	EP	1505	52.95 0.00	1.0
INDR	HE	3462	315	ES	1510	55.18 0.73	1.0
BRCH	BZ	3485	329	EP	1505	55.83 1.14	1.0
BRCH	BE	3485	329	ES	1510	58.68 1.13	1.0
BOM	BZ	3488	306	EP	1505	55.83 0.91	1.0
BOM	BN	3488	306	ES	1510	58.86 0.91	1.0
JHNI	BZ	3490	323	EP	1505	54.22-0.88	1.0
JHNI	BE	3490	323	ES	1511	01.70 3.43	1.0
SRAT	HZ	3629	310	EP	1506	05.74-0.25	1.0
LGTI	BZ	3736	329	EP	1506	14.93 0.29	1.0
PTH	BZ	3747	329	EP	1506	14.40-1.06	1.0
MUKT	HZ	3767	329	EP	1506	17.44 0.32	1.0
UDPR	BZ	3781	316	EP	1506	16.57-1.35	1.0
UDPR	BN	3781	316	ES	1511	35.86-2.99	1.0
ASOR	BZ	3820	325	EP	1506	21.03 0.10	1.0
BISR	BZ	3826	325	EP	1506	20.50-0.87	1.0
BISR	BE	3826	325	ES	1511	38.62-6.37	1.0
JMIU	BZ	3835	325	EP	1506	21.86-0.23	1.0
AYAN	BZ	3838	324	EP	1506	20.50-1.86	1.0
AYAN	BN	3838	324	ES	1511	47.86 1.10	1.0
MERT	BZ	3841	326	EP	1506	21.01-1.52	1.0
LDR	HZ	3841	325	EP	1506	21.36-1.19	1.0
LDR	HN	3841	325	ES	1511	46.12-0.98	1.0
MERT	BN	3841	326	ES	1511	45.44-1.63	1.0
AJM	BZ	3847	319	EP	1506	23.18 0.13	1.0
AJM	BN	3847	319	ES	1511	46.71-1.28	1.0
NPL	BZ	3849	325	EP	1506	21.72-1.42	1.0
NPL	BN	3849	325	ES	1511	43.94-4.22	1.0
UJWA	BZ	3860	324	EP	1506	22.58-1.46	1.0
UJWA	BN	3860	324	ES	1511	47.80-1.96	1.0
BHGR	BZ	3868	324	EP	1506	20.50-4.11	1.0
BHGR	BN	3868	324	ES	1511	53.76 2.97	1.0

JOSI	BZ	3871	330	EP	1506	25.17	0.05								1.0
JOSI	BE	3871	330	ES	1511	53.18	1.51								1.0
NRLA	BZ	3872	325	EP	1506	23.14	-1.78								1.0
RTK	BZ	3930	324	EP	1506	28.16	-1.29								1.0
DDI	HZ	3937	328	EP	1506	29.68	-0.36								1.0
DDI	HN	3937	328	ES	1512	01.18	0.70								1.0
UTK	BZ	3950	328	EP	1506	29.79	-1.31								1.0
UTK	BE	3950	328	ES	1512	00.64	-1.72								1.0
JODH	HZ	3952	317	EP	1506	31.75	0.64								1.0
CHUR	HZ	3967	322	EP	1506	31.59	-0.71								1.0
CHUR	HE	3967	322	ES	1512	03.79	-0.73								1.0
KKR	BZ	3982	326	EP	1506	32.52	-0.88								1.0
KKR	BE	3982	326	ES	1512	05.01	-1.47								1.0
BHUJ	HZ	4025	310	EP	1506	35.85	-0.82								1.0
BHUJ	HN	4025	310	ES	1512	12.31	-0.02								1.0
BARM	HZ	4043	315	EP	1506	39.34	1.28								1.0
CGRH	BZ	4050	327	EP	1506	39.26	0.61								1.0
SMLA	HZ	4060	327	EP	1506	40.15	0.43								1.0
SMLA	HE	4060	327	ES	1512	18.47	0.70								1.0
BKNR	BZ	4079	320	EP	1506	40.87	0.01								1.0
BKNR	BE	4079	320	ES	1512	23.43	3.60								1.0
BHK	BZ	4097	327	EP	1506	44.62	2.38								1.0
BHK	BE	4097	327	ES	1512	24.65	2.35								1.0
SDNR	BZ	4111	328	EP	1506	43.09	-0.28								1.0
SDNR	BN	4111	328	ES	1512	24.13	-0.18								1.0
JASL	BZ	4163	316	EP	1506	47.91	0.64								1.0
JASL	BE	4163	316	ES	1512	34.10	2.78								1.0
SRGN	BZ	4170	323	EP	1506	46.59	-1.19								1.0
SRGN	BN	4170	323	ES	1512	31.75	-0.48								1.0
DHRM	HZ	4208	328	EP	1506	50.05	-0.89								1.0
DHRM	HE	4208	328	ES	1512	39.30	1.43								1.0
AMRT	HZ	4243	325	EP	1506	53.17	-0.14								1.0
THN	BZ	4255	327	EP	1506	53.63	-0.62								1.0
THN	BN	4255	327	ES	1512	43.01	-0.82								1.0
ALCI	BZ	4330	330	EP	1507	00.28	-0.03								1.0
ALCI	BN	4330	330	ES	1512	55.68	0.98								1.0
UDMP	HZ	4336	327	EP	1507	00.40	0.02								1.0
JMU	BZ	4343	327	EP	1507	00.17	-0.65								1.0
SRIN	BZ	4452	328	EP	1507	08.13	-1.03								1.0

April 3 2023 Hour: 17: 8 2.8
Magnitudes: 4.0ML NCS

Lat: 36.23N Lon: 71.32E D: 10.0F
Rms: 0.3 secs

Ag: NCS Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BN	500	139	EP		1709	09.31	0.17							1.0
JMU	BE	500	139	ES		1709	58.30	0.07							1.0
JMU	BE	500	139	IAML		1710	05.02			461	1.0				
JMU	BN	500	139	IAML		1710	07.25			443	0.5				
UDMP	HZ	507	135	EP		1709	10.01	-0.00							1.0
UDMP	HE	507	135	ES		1710	00.32	0.58							1.0
UDMP	HN	507	135	IAML		1710	04.31			1479	0.4				
UDMP	HE	507	135	IAML		1710	04.76			1819	0.2				
ALCI	BZ	579	111	EP		1709	18.73	-0.25							1.0
ALCI	BN	579	111	ES		1710	15.54	0.21							1.0
ALCI	BE	579	111	IAML		1710	19.33			142	0.2				
ALCI	BN	579	111	IAML		1710	20.14			231	0.2				
THN	BZ	589	134	EP		1709	19.99	0.07							1.0
THN	BE	589	134	ES		1710	17.24	0.27							1.0
THN	BN	589	134	IAML		1710	20.90			525	0.2				
THN	BE	589	134	IAML		1710	21.40			277	0.3				
DHRM	HZ	637	132	EP		1709	26.08	0.17							1.0
DHRM	HN	637	132	ES		1710	27.39	-0.01							1.0
DHRM	HE	637	132	IAML		1710	30.92			670	0.3				
DHRM	HN	637	132	IAML		1710	31.07			546	0.2				
SDNR	BZ	734	134	EP		1709	37.12	-0.25							1.0

SDNR	BE	734	134	ES	1710	46.82-0.52											1.0
SDNR	BE	734	134	IAML	1710	49.49			158	0.4							
SDNR	BN	734	134	IAML	1710	49.56			156	0.4							
SMLA	HZ	783	135	EP	1709	43.51	0.16										1.0
SMLA	HN	783	135	ES	1710	57.07-0.67											1.0
SMLA	HN	783	135	IAML	1711	00.99			157	0.4							
SMLA	HE	783	135	IAML	1711	02.45			316	0.2							

April 3 2023 Hour: 17:11 6.1 Lat: 16.66N Lon: 75.64E D: 16.2 Ag: NCS Local
Magnitudes: 2.8ML NCS Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KAD	BZ	170	295	EP		1711	31.05-0.16								1.0
GOA	HZ	233	236	EP		1711	39.41	0.45							1.0
GOA	HN	233	236	ES		1712	03.09-0.16								1.0
GOA	HN	233	236	IAML		1712	04.04			405	0.3				
GOA	HE	233	236	IAML		1712	04.59			182	0.4				
HYB	HZ	321	75	EP		1711	50.19	0.23							1.0
HYB	HE	321	75	ES		1712	22.59	0.19							1.0
HYB	HE	321	75	IAML		1712	23.90			44	0.3				
HYB	HN	321	75	IAML		1712	25.26			25	0.2				
VJD	BZ	535	91	EP		1712	15.49-0.56								1.0

April 3 2023 Hour: 21:35 2.4 Lat: 14.84N Lon: 57.00E D: 81.2 Ag: NCS Distant
Magnitudes: 5.6MW NCS Rms: 1.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHUJ	HZ	1624	53	EP		2138	25.05	0.51							0.0
GOA	HZ	1809	86	EP		2138	47.23	1.62							1.0
KAD	BZ	1858	79	EP		2138	51.79	0.65							1.0
SUPA	HZ	1885	86	EP		2138	55.46	1.30							1.0
MNC	HZ	1894	111	EP		2138	51.65-3.45								1.0
BARM	HZ	1927	49	EP		2138	59.08	0.31							1.0
JASL	BZ	1967	45	EP		2139	01.17-1.97								1.0
SLPR	HZ	2046	79	EP		2139	12.12	1.16							1.0
UDPR	BZ	2054	56	EP		2139	12.84	1.04							1.0
KDGU	HZ	2061	95	EP		2139	13.26	0.71							1.0
JODH	HZ	2093	50	EP		2139	14.84-0.76								1.0
LATR	BZ	2119	77	EP		2139	18.42	0.22							1.0
MYSR	HZ	2134	95	EP		2139	20.92	1.23							1.0
KLBG	HZ	2139	80	EP		2139	20.57	0.49							1.0
ATP	HZ	2222	88	EP		2139	27.94-0.30								1.0
AJM	BZ	2236	52	EP		2139	29.44-0.18								1.0
BKNR	BZ	2239	46	EP		2139	30.06	0.26							1.0
CHT	HZ	2266	102	EP		2139	31.63-1.00								1.0
SALM	BZ	2318	96	EP		2139	38.60	1.01							1.0
BHPL	HZ	2339	63	EP		2139	39.40-0.16								1.0
CHUR	HZ	2377	48	EP		2139	42.79-0.37								1.0
SRGN	BZ	2405	43	EP		2139	46.03	0.17							1.0
CNWR	HZ	2447	68	EP		2139	44.55-5.44								1.0
MDRS	HZ	2512	92	EP		2139	56.67	0.58							1.0
VJD	BZ	2540	83	EP		2140	00.11	1.40							1.0
RTK	BZ	2541	49	EP		2139	58.51-0.29								1.0
JHNI	BZ	2542	59	EP		2139	58.17-0.68								1.0
UJWA	BZ	2553	50	EP		2140	00.90	0.98							1.0
AYAN	BZ	2567	51	EP		2139	59.39-1.66								1.0
NPL	BZ	2579	50	EP		2140	01.97-0.11								1.0
LDR	HZ	2580	51	EP		2140	01.79-0.35								1.0
JBPL	HZ	2582	66	EP		2140	02.64	0.26							1.0
NDI	HZ	2585	50	EP		2140	03.30	0.72							1.0
JMIU	BZ	2585	51	EP		2140	02.44-0.15								1.0
NRLA	BZ	2585	50	EP		2140	02.55-0.05								1.0
BISR	BZ	2597	51	EP		2140	03.06-0.52								1.0
AMRT	HZ	2605	41	EP		2140	03.18-0.97								1.0
KNKR	BZ	2631	83	EP		2140	08.16	1.75							1.0
KKR	BZ	2632	47	EP		2140	06.75	0.34							1.0

ASOR	BZ	2636	51	EP	2140	06.11-0.63	1.0
MERT	BZ	2646	50	EP	2140	06.38-1.15	1.0
CGRH	BZ	2679	46	EP	2140	08.56-1.74	1.0
JMU	BZ	2684	39	EP	2140	12.83 2.11	1.0
BNDA	BZ	2703	60	EP	2140	10.39-1.82	1.0
JGDP	HZ	2705	76	EP	2140	12.69 0.21	1.0
UDMP	HZ	2715	39	EP	2140	14.07 0.83	1.0
THN	BZ	2727	41	EP	2140	15.56 1.36	1.0
SMLA	HZ	2735	45	EP	2140	16.81 1.65	1.0
BHK	BZ	2736	45	EP	2140	13.44-1.49	1.0
SDNR	BZ	2742	44	EP	2140	16.32 0.76	1.0
DHRM	HZ	2748	42	EP	2140	17.48 1.28	1.0
DDI	HZ	2753	48	EP	2140	17.82 1.40	1.0
SRIN	BZ	2781	37	EP	2140	20.15 1.32	1.0
LKN	BZ	2808	58	EP	2140	19.76-1.03	1.0
UTK	BZ	2809	48	EP	2140	23.21 2.15	1.0
PTH	BZ	2887	52	EP	2140	28.95 1.51	1.0
JOSI	BZ	2888	49	EP	2140	25.67-1.94	1.0
BRCH	BZ	2909	57	EP	2140	29.33 0.34	1.0
ALCI	BZ	2953	40	EP	2140	33.61 0.59	1.0
GKPR	BZ	3042	60	EP	2140	36.67-3.07	1.0
BWNR	BZ	3114	75	EP	2140	46.45 0.93	1.0
VLK	BZ	3115	59	EP	2140	46.16 0.53	1.0
KNTI	BZ	3121	68	EP	2140	46.16-0.03	1.0
STMR	BZ	3216	61	EP	2140	55.72 2.09	1.0
JPG	BZ	3536	63	EP	2141	17.00-2.02	1.0
GTK	SZ	3549	62	EP	2141	19.31-0.95	1.0
DHUB	SZ	3647	65	EP	2141	21.35-6.34	1.0
TURA	SZ	3657	66	EP	2141	26.02-2.51	1.0
AGT	SZ	3724	69	EP	2141	35.21 1.44	1.0
SHL	HZ	3818	66	EP	2141	43.96 2.65	1.0
SAIH	SZ	3880	72	EP	2141	47.60 1.56	1.0
SILR	SZ	3896	68	EP	2141	49.35 2.24	1.0
CMPI	HZ	3926	70	EP	2141	51.24 1.59	1.0
TEZP	SZ	3934	65	EP	2141	49.35-0.69	1.0
KOHI	SZ	4044	67	EP	2141	57.22-1.41	1.0
MOKO	SZ	4096	66	EP	2142	02.76 0.16	1.0
LKP	SZ	4247	65	EP	2142	14.13 0.28	1.0

April 3 2023 Hour: 23:19 24.7 Lat: 27.24N Lon: 92.07E D: 5.0F Ag: NCS Local
Magnitudes: 3.1ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TEZP	SZ	100	133	EP		2319	39.52-1.31								1.0
TEZP	SN	100	133	ES		2319	52.90 0.13								1.0
TEZP	SN	100	133	IAML		2319	53.67			443	0.3				
SHL	HZ	186	187	EP		2319	52.63-0.28								1.0
DHUB	SZ	246	237	EP		2319	59.86-0.36								1.0
KOHI	SN	264	129	ES		2320	30.91 0.36								1.0
MOKO	SN	264	112	IAML		2320	34.05			740	0.2				
KOHI	SE	264	129	IAML		2320	34.61			572	0.7				
MOKO	SZ	264	112	EP		2320	03.09 0.56								1.0
MOKO	SE	264	112	ES		2320	30.73 0.19								1.0
MOKO	SE	264	112	IAML		2320	33.22			490	0.2				
KOHI	SZ	264	129	EP		2320	02.72 0.18								1.0
KOHI	SN	264	129	IAML		2320	34.96			577	0.4				
TURA	SZ	265	224	EP		2320	02.21-0.33								1.0
TURA	SE	265	224	ES		2320	31.53 0.98								1.0
TURA	SE	265	224	IAML		2320	33.49			171	0.9				
TURA	SN	265	224	IAML		2320	37.26			116	1.4				
GTK	SZ	343	272	EP		2320	11.18-1.20								1.0
GTK	SN	343	272	ES		2320	48.79 1.11								1.0
GTK	SN	343	272	IAML		2320	49.60			36	0.2				
LKP	SZ	374	88	EP		2320	15.49-0.65								1.0
LKP	SE	374	88	ES		2320	55.16 0.95								1.0

April	4 2023			Hour: 12:53 57.8										Ag:		Distant	
STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
BHUJ	HZ			EP		1303	57.77										
BOKR	HZ			EP		1302	00.94										
DHRM	HZ			EP		1303	17.04										
GOA	HZ			EP		1303	31.03										
HYB	HZ			EP		1302	54.00										
MDRS	HZ			EP		1302	44.95										
MNC	HZ			EP		1303	43.37										
POO	HZ			EP		1303	26.91										
SHL	HZ			EP		1301	14.86										
SMLA	HZ			EP		1303	08.81										
TRVM	HZ			EP		1303	14.98										
AZL	SZ			EP		1301	53.47										
BELO	SZ			EP		1301	16.64										
DHUB	SZ			EP		1301	31.29										
GTK	SZ			EP		1301	44.82										
IMP	SZ			EP		1300	58.60										
KOHI	SZ			EP		1300	58.60										
LKP	SZ			EP		1300	48.83										
MOKO	SZ			EP		1300	58.60										
SAIH	SZ			EP		1301	00.10										
SILR	SZ			EP		1301	07.62										
TURA	SZ			EP		1301	24.48										
ALBI	BZ			EP		1302	30.22										
ALCI	BZ			EP		1303	14.94										
ASOR	BZ			EP		1303	00.58										
AYAN	BZ			EP		1303	05.51										
BHGR	BZ			EP		1303	03.87										
BHK	BZ			EP		1303	17.41										
BISR	BZ			EP		1303	04.69										
BKNR	BZ			EP		1303	32.59										
BNDA	BZ			EP		1302	40.48										
BOM	BZ			EP		1303	35.05										
BWNR	BZ			EP		1301	57.81										
CAL	BZ			EP		1301	39.76										
CGRH	BZ			EP		1303	13.71										
JASL	BZ			EP		1303	48.18										
GKPR	BZ			EP		1302	20.38										
JHJR	BZ			EP		1303	09.20										
JMIU	BZ			EP		1303	05.92										
JMU	BZ			EP		1303	28.48										
JMUI	BZ			EP		1301	56.58										
JPG	BZ			EP		1301	43.04										
COBR	BZ			EP		1301	34.61										
BRCH	BZ			EP		1302	33.59										
STMR	BZ			EP		1302	07.83										
KNTI	BZ			EP		1302	04.25										

KUDL	HZ	EP	1303	11.06
RTK	BZ	EP	1303	13.44
THN	BZ	EP	1303	20.60
SRIN	BZ	EP	1303	30.15
SRGN	BZ	EP	1303	31.34
UDPR	BZ	EP	1303	27.46
SALM	BZ	EP	1303	01.81
KOD	BZ	EP	1303	08.37
MNGI	BZ	EP	1303	23.88
KNKR	BZ	EP	1302	31.39
VJD	BZ	EP	1302	39.44
ASIV	HZ	EP	1303	09.18
AURD	HZ	EP	1303	06.16
BARM	HZ	EP	1303	42.76
CHT	HZ	EP	1303	10.54
CNWR	HZ	EP	1302	48.77
KDGU	HZ	EP	1303	16.11
AMRT	HZ	EP	1303	26.38
KNL	HZ	EP	1302	58.38
MUKT	HZ	EP	1302	51.64
RAIP	HZ	EP	1302	30.82
SUPA	HZ	EP	1303	23.80
SRAT	HZ	EP	1303	35.74
UDMP	HZ	EP	1303	27.78
TPTI	HZ	EP	1302	48.28
AZL	SN	ES	1307	03.73
AGT	SN	ES	1306	42.96
BELO	SN	ES	1306	35.28
IMP	SN	ES	1306	08.34
KOHI	SN	ES	1306	03.95
LKP	SN	ES	1305	52.53
MOKO	SN	ES	1306	04.79
TEZP	SZ	EP	1301	11.75
AJM	BZ	EP	1303	23.56
AJM	BN	ES	1310	26.27
ALBI	BN	ES	1308	44.61
SHL	HN	ES	1306	36.40
SHL	HN	EP	1301	17.96
KAD	BZ	EP	1303	24.48
BHPL	HZ	EP	1303	01.82
DDI	HZ	EP	1303	03.88
UTK	BZ	EP	1303	01.21
JHNI	BZ	EP	1302	51.15
JGDP	HZ	EP	1302	27.39
AGT	SZ	EP	1301	18.14

April 4 2023 Hour: 13:42 16.8 Lat: 27.87N Lon: 91.39E D: 10.0F Ag: NCS Local
Magnitudes: 3.4ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TEZP	SZ	197	135	EP		1342	45.26	-0.40							1.0
TEZP	SN	197	135	ES		1343	07.72	0.71							1.0
TEZP	SN	197	135	IAML		1343	08.65			777	0.2				
DHUB	SZ	248	214	EP		1342	51.69	-0.29							1.0
SHL	HZ	259	170	EP		1342	53.34	-0.27							1.0
SHL	HN	259	170	ES		1343	20.91	0.06							1.0
SHL	HN	259	170	IAML		1343	21.06			177	0.1				
SHL	HE	259	170	IAML		1343	22.13			249	0.1				
GTK	SZ	282	258	EP		1342	56.98	0.56							1.0
GTK	SE	282	258	ES		1343	26.70	0.97							1.0
GTK	SN	282	258	IAML		1343	28.99			693	0.3				
GTK	SE	282	258	IAML		1343	29.18			33	0.3				
TURA	SZ	286	204	EP		1342	55.03	-1.70							1.0
TURA	SN	286	204	ES		1343	26.36	0.09							1.0
TURA	SN	286	204	IAML		1343	27.76			3184	0.4				

MOKO	SZ	354	118	EP	1343	05.22-0.14									1.0
KOHI	SZ	360	131	EP	1343	05.33-0.77									1.0
KOHI	SN	360	131	ES	1343	43.75 1.18									1.0
KOHI	SE	360	131	IAML	1343	44.13			261	0.6					
KOHI	SN	360	131	IAML	1343	44.31			440	0.7					

April 4 2023 Hour: 15:59 14.0 Lat: 38.30N Lon: 74.25E D:205.7 Ag: NCS Regional
Magnitudes: 4.8ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BE	524	149	ES		1601	15.35	0.88							1.0
ALCI	BE	524	149	IAML		1601	16.23			6046	0.7				
UDMP	HZ	603	172	EP		1600	31.78-0.02								1.0
UDMP	HE	603	172	ES		1601	29.36-0.01								1.0
JMU	BZ	615	175	EP		1600	33.72	0.63							1.0
JMU	BE	615	175	ES		1601	32.79	1.17							1.0
JMU	BN	615	175	IAML		1601	33.10			2616	0.5				
JMU	BE	615	175	IAML		1601	34.25			3283	0.7				
THN	BZ	665	167	EP		1600	39.02	0.15							1.0
THN	BN	665	167	ES		1601	41.51-0.16								1.0
THN	BE	665	167	IAML		1601	41.73			751	0.7				
THN	BN	665	167	IAML		1601	41.91			1234	0.6				
DHRM	HZ	697	164	EP		1600	43.09	0.43							1.0
DHRM	HE	697	164	ES		1601	47.80-0.46								1.0
DHRM	HN	697	164	IAML		1601	48.46			3041	0.6				
DHRM	HE	697	164	IAML		1601	49.27			2163	0.6				
AMRT	HZ	741	175	EP		1600	47.41-0.05								1.0
AMRT	HN	741	175	ES		1601	56.36-0.26								1.0
AMRT	HN	741	175	IAML		1601	57.31			2247	0.8				
AMRT	HE	741	175	IAML		1602	00.34			6461	0.3				
SDNR	BZ	789	161	EP		1600	53.09-0.02								1.0
SDNR	BE	789	161	ES		1602	05.41-1.04								1.0
SDNR	BE	789	161	IAML		1602	06.99			461	0.6				
SDNR	BN	789	161	IAML		1602	07.35			379	0.4				
BHK	BZ	804	161	EP		1600	52.99-1.82								1.0
BHK	BE	804	161	ES		1602	06.60-2.81								1.0
BHK	BE	804	161	IAML		1602	07.16			452	0.8				
BHK	BN	804	161	IAML		1602	10.30			1128	0.4				
SMLA	HZ	839	161	EP		1600	58.69-0.33								1.0
SMLA	HN	839	161	ES		1602	15.96-0.78								1.0
SMLA	HN	839	161	IAML		1602	17.64			723	0.5				
SMLA	HE	839	161	IAML		1602	19.30			1923	0.4				
JOSI	BZ	987	149	EP		1601	16.71	0.54							1.0
JOSI	BE	987	149	ES		1602	46.60	0.02							1.0
JOSI	BE	987	149	IAML		1602	47.50			582	0.9				
JOSI	BN	987	149	IAML		1602	51.37			902	0.8				
MUKT	HZ	1100	151	EP		1601	29.08-0.24								1.0
MUKT	HN	1100	151	ES		1603	09.68	0.22							1.0
MUKT	HE	1100	151	IAML		1603	11.78			121	0.4				
MUKT	HN	1100	151	IAML		1603	12.96			292	0.6				
UJWA	BZ	1107	166	EP		1601	29.93	0.05							1.0
UJWA	BE	1107	166	ES		1603	11.58	1.15							1.0
UJWA	BN	1107	166	IAML		1603	12.02			586	0.8				
UJWA	BE	1107	166	IAML		1603	13.34			760	0.6				
PTH	BZ	1111	149	EP		1601	29.88-0.70								1.0
PTH	BN	1111	149	ES		1603	13.27	1.62							1.0
PTH	BE	1111	149	IAML		1603	13.41			1237	0.6				
PTH	BN	1111	149	IAML		1603	13.85			1069	0.6				
AYAN	BZ	1121	165	EP		1601	31.46-0.09								1.0
AYAN	BE	1121	165	ES		1603	14.19	0.86							1.0
AYAN	BE	1121	165	IAML		1603	14.70			296	0.7				
AYAN	BN	1121	165	IAML		1603	19.87			648	0.5				
UDPR	BZ	1522	182	EP		1602	20.37	1.93							0.6
ALCI	BZ			EP		1600	23.42								
ALCI	BN	524	149	IAML		1601	16.23			2731	0.6				

April 4 2023 Hour: 17:18 27.1

Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PBA	HZ	26	168	EP		1718	31.88	-0.00							1.0
VISK	HZ	1197	304	EP		1720	55.56	0.00							0.9

April 4 2023 Hour: 17:17 53.7

Lat: 9.20N Lon: 93.92E D: 78.6

Ag: NCS Regional

Magnitudes: 4.7Mb NCS

Rms: 1.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PBA	HZ	301	335	EP		1718	31.72	-3.00							1.0
PBA	HN	301	335	ES		1719	07.75	3.10							1.0
DGPR	HZ	453	346	EP		1718	53.45	0.31							1.0
SAIH	SZ	1474	356	EP		1720	55.73	-1.31							1.0
VISK	HZ	1484	311	EP		1720	54.96	-3.15							1.0
VISK	HN	1484	311	ES		1723	12.22	-0.50							1.0
BWNR	BZ	1501	325	EP		1721	01.30	1.07							1.0
BWNR	BN	1501	325	ES		1723	16.28	-0.11							1.0
MDRS	HZ	1558	287	E		1721	03.98								
MDRS	HZ	1558	287	I		1721	13.05								
MDRS	HE	1558	287	ES		1723	26.73	-16.1							0.0
CMPI	HZ	1583	358	EP		1721	08.07	-3.48							0.0
CMPI	HZ	1583	358	IAmb		1721	09.07			13	0.8				
JGDP	HZ	1684	312	EP		1721	22.27	-0.74							1.0
SALM	BZ	1747	280	EP		1721	27.56	-2.65							1.0
KNTI	BZ	1789	330	EP		1721	36.23	1.33							1.0
KNTI	BZ	1789	330	IAmb		1721	39.95			105	1.1				
KOD	BZ	1809	275	EP		1721	35.87	-1.56							1.0
KOD	BZ	1809	275	IAmb		1721	42.30			67	0.8				
KOD	BN	1809	275	E		1724	21.33								
KNKR	BZ	1812	314	EP		1721	37.59	0.10							1.0
KNKR	BZ	1812	314	IAmb		1721	39.40			3	0.5				
SHL	HZ	1823	354	EP		1721	37.74	-1.47							0.0
BOKR	HZ	1828	333	EP		1721	40.50	1.23							1.0
BOKR	HZ	1828	333	IAmb		1721	43.98			22	0.9				
BOKR	HE	1828	333	E		1724	36.35								
CHT	HZ	1835	273	EP		1721	40.27	0.22							1.0
RAIP	HZ	1870	317	EP		1721	45.26	1.33							1.0
RAIP	HZ	1870	317	IAmb		1721	47.61			33	1.0				
ATP	HZ	1871	290	EP		1721	43.13	-0.85							1.0
ATP	HZ	1871	290	IAmb		1721	48.25			84	1.2				
KNL	HZ	1872	294	EP		1721	45.34	1.17							1.0
KNL	HZ	1872	294	IAmb		1721	49.47			36	0.8				
HYB	HZ	1896	300	EP		1721	47.53	0.69							1.0
HYB	HZ	1896	300	IAmb		1721	51.29			142	1.5				
HYB	HN	1896	300	ES		1724	55.06	-1.25							1.0
MOKO	SZ	1896	2	E		1721	44.54								
TEZP	SZ	1932	357	E		1721	48.01								
KDGU	HZ	2002	282	EP		1721	59.66	1.40							1.0
KDGU	HZ	2002	282	IAmb		1722	01.25			28	0.7				
BLRY	HZ	2029	291	EP		1722	02.07	1.29							1.0
BLRY	HZ	2029	291	IAmb		1722	03.51			27	0.9				
KLBG	HZ	2056	298	EP		1722	03.04	-0.43							1.0
KLBG	HZ	2056	298	IAmb		1722	04.77			40	1.7				
MNGI	BZ	2121	283	E		1722	12.68								
ASIV	HZ	2140	299	EP		1722	13.10	1.32							1.0
ASIV	HZ	2140	299	IAmb		1722	14.60			147	1.5				
CNWR	HZ	2143	313	EP		1722	14.24	2.19							1.0
CNWR	HZ	2143	313	IAmb		1722	15.21			30	0.9				
JBPL	HZ	2149	318	EP		1722	19.01	6.40							0.0
JBPL	HZ	2149	318	IAmb		1722	20.56			41	1.0				
SLPR	HZ	2161	298	EP		1722	13.82	0.01							1.0
SLPR	HZ	2161	298	IAmb		1722	17.97			80	1.1				
ALBI	BZ	2197	326	EP		1722	18.11	0.87							1.0
ALBI	BZ	2197	326	IAmb		1722	20.82			49	0.4				

VLK	BZ	2277	334	EP	1722	26.14	1.07									1.0
KAD	BZ	2317	295	EP	1722	30.83	1.83									1.0
KAD	BZ	2317	295	IAmb	1722	33.75		107	0.3							
POO	HZ	2400	298	EP	1722	38.24	1.23									1.0
POO	HZ	2400	298	IAmb	1722	43.44		23	1.3							
JHNI	BZ	2421	320	EP	1722	40.32	1.37									1.0
JHNI	BZ	2421	320	IAmb	1722	44.10		17	0.6							
INDR	HZ	2423	310	EP	1722	41.40	2.19									1.0
INDR	HZ	2423	310	IAmb	1722	42.10		23	0.8							
LGTI	BZ	2662	329	EP	1722	59.70	-1.56									1.0
PTH	BZ	2672	329	EP	1723	01.06	-0.90									1.0
MUKT	HZ	2692	328	EP	1723	01.82	-1.47									1.0
MUKT	HZ	2692	328	IAmb	1723	03.41		66	1.5							
AYAN	BZ	2766	323	EP	1723	08.49	-0.55									1.0
AJM	BZ	2789	316	EP	1723	14.48	3.59									0.0
AJM	BZ	2789	316	IAmb	1723	16.05		22	0.7							
JOSI	BZ	2796	330	EP	1723	10.70	-0.93									1.0
JOSI	BZ	2796	330	IAmb	1723	11.68		36	0.8							
UTK	BZ	2875	328	EP	1723	16.90	-1.22									1.0
SDNR	BZ	3036	327	EP	1723	29.85	-1.09									1.0
ALCI	BZ	3257	331	EP	1723	47.40	-1.32									1.0
ALCI	BZ	3257	331	IAmb	1723	48.59		34	1.0							
UDMP	HZ	3261	326	EP	1723	48.11	-0.76									1.0

April 4 2023 Hour: 22:18 54.7

Ag: Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BELO	SZ			EP		2237	59.92								
DHUB	SZ			EP		2237	51.42								
GTK	SZ			EP		2237	48.10								
KOHI	SZ			EP		2237	55.19								
LKP	SZ			EP		2237	50.47								
MOKO	SZ			EP		2237	53.77								
SAIH	SZ			EP		2238	00.56								
SILR	SZ			EP		2237	57.20								
TEZP	SZ			EP		2237	50.43								
TURA	SZ			EP		2237	53.01								
BNDA	BZ			EP		2237	42.45								
AJM	BZ			EP		2237	29.46								
ASOR	BZ			EP		2237	40.68								
AYAN	BZ			EP		2237	40.04								
BHK	BZ			EP		2237	33.10								
BISR	BZ			EP		2237	40.73								
BOM	BZ			EP		2237	45.77								
BRCH	BZ			EP		2237	37.86								
BWNR	BZ			EP		2237	59.58								
CAL	BZ			EP		2238	01.47								
CGRH	BZ			EP		2237	36.51								
GKPR	BZ			EP		2237	42.48								
JASL	BZ			EP		2237	37.00								
JHNI	BZ			EP		2237	41.85								
JMIU	BZ			EP		2237	40.79								
JOSI	BZ			EP		2237	29.16								
JPG	BZ			EP		2237	49.87								
KAD	BZ			EP		2237	53.11								
LATR	BZ			EP		2237	54.34								
LDR	HZ			EP		2237	40.25								
LGTI	BZ			EP		2237	31.09								
LKN	BZ			EP		2237	37.19								
NDI	HZ			EP		2237	37.33								
NPL	BZ			EP		2237	37.20								
NRLA	BZ			EP		2237	40.13								
PTH	BZ			EP		2237	40.35								
RAGD	BZ			EP		2238	00.00								
RTK	BZ			EP		2237	38.51								

SALM	BZ	EP	2238	05.08
SDNR	BZ	EP	2237	33.77
STMR	BZ	EP	2237	45.17
UDPR	BZ	EP	2237	38.77
UJWA	BZ	EP	2237	39.71
UTK	BZ	EP	2237	37.60
VJD	BZ	EP	2238	00.99
VLK	BZ	EP	2237	42.36
ASIV	HZ	EP	2237	55.23
ATP	HZ	EP	2238	00.22
AURD	HZ	EP	2237	55.32
CHT	HZ	EP	2238	04.85
CHUR	HZ	EP	2237	36.77
CMPI	HZ	EP	2237	59.40
JBPL	HZ	EP	2237	48.28
JGDP	HZ	EP	2237	57.84
JODH	HZ	EP	2237	35.54
KDGU	HZ	EP	2238	05.08
KLBG	HZ	EP	2237	57.02
KNL	HZ	EP	2238	00.01
MYSR	HZ	EP	2238	05.49
RAIP	HZ	EP	2237	55.34
SLPR	HZ	EP	2237	55.53
BHPL	HZ	EP	2237	42.33
BOKR	HZ	EP	2237	55.62
DDI	HZ	EP	2237	38.49
DGPR	HZ	EP	2238	14.26
DHRM	HZ	EP	2237	32.27
GOA	HZ	EP	2237	56.05
HYB	HZ	EP	2237	57.76
MDRS	HZ	EP	2238	12.31
PBA	HZ	EP	2238	12.24
POO	HZ	EP	2237	49.33
SMLA	HZ	EP	2237	35.79
TRVM	HZ	EP	2238	07.82
VISK	HZ	EP	2238	02.06
AGT	SZ	EP	2237	57.67
BLRY	HZ	EP	2237	57.51
KNKR	BZ	EP	2237	56.76
SRIN	BZ	EP	2237	28.01
UDMP	HZ	EP	2237	29.89
JMU	BZ	EP	2237	29.79
THN	BZ	EP	2237	31.15
ALCI	BZ	EP	2237	30.15

April 5 2023 Hour: 13:24 22.1				Lat: 33.76N Lon: 79.23E D: 10.0F				Ag: NCS Local							
Magnitudes: 3.4ML NCS				Rms: 0.7 secs											
STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BN	196	285	ES		1325	13.58	-0.71							1.0
ALCI	BE	196	285	IAML		1325	15.15			2963	0.3				
ALCI	BN	196	285	IAML		1325	15.87			3514	0.5				
DHRM	HZ	321	239	EP		1325	06.80	-0.74							1.0
DHRM	HE	321	239	ES		1325	41.94	0.79							1.0
DHRM	HE	321	239	IAML		1325	42.74			202	0.9				
DHRM	HN	321	239	IAML		1325	43.78			168	0.8				
SDNR	BZ	330	222	EP		1325	07.44	-1.12							1.0
SDNR	BN	330	222	ES		1325	41.58	-1.35							1.0
UTK	BZ	344	193	EP		1325	09.97	-0.39							1.0
UTK	BE	344	193	ES		1325	46.32	0.26							1.0
SMLA	HZ	351	214	EP		1325	11.83	0.56							1.0
SMLA	HN	351	214	ES		1325	47.25	-0.39							1.0
SMLA	HN	351	214	IAML		1325	49.28			120	0.9				
SMLA	HE	351	214	IAML		1325	52.44			106	0.8				
THN	BZ	352	246	EP		1325	11.32	0.07							1.0

THN	BN	352	246	ES		1325	48.44	0.83								1.0
JOSI	BZ	357	175	EP		1325	12.86	0.86								1.0
UDMP	HZ	394	257	EP		1325	17.46	0.99								1.0
UDMP	HE	394	257	ES		1325	57.25	0.56								1.0
ALCI	BZ	196	285	EP		1324	51.88	-0.22								1.0

April 5 2023 Hour: 13:58 23.6 Lat: 30.81N Lon: 78.32E D: 15.0 Ag: NCS Local
Magnitudes: 2.8ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UTK	BZ	15	126	EP		1358	26.85	-0.26							1.0
UTK	BN	15	126	ES		1358	29.31	-0.40							1.0
UTK	BN	15	126	IAML		1358	29.70			4031	0.2				
UTK	BE	15	126	IAML		1358	30.06			7758	0.1				
DDI	HZ	60	205	EP		1358	32.97	-0.36							1.0
DDI	HN	60	205	ES		1358	41.37	0.83							1.0
DDI	HN	60	205	IAML		1358	41.45			499	0.2				
DDI	HE	60	205	IAML		1358	41.52			604	0.1				
SMLA	HZ	116	288	EP		1358	40.10	-1.80							1.0
SMLA	HE	116	288	ES		1358	55.79	0.35							1.0
SMLA	HE	116	288	IAML		1358	55.93			135	0.1				
SMLA	HN	116	288	IAML		1358	55.95			132	0.2				
JOSI	BZ	122	103	EP		1358	43.82	0.97							1.0
JOSI	BN	122	103	ES		1358	57.79	0.68							1.0
JOSI	BN	122	103	IAML		1358	58.38			235	0.2				
JOSI	BE	122	103	IAML		1358	58.63			142	0.2				
MUKT	HZ	197	139	EP	*	1358	57.67	5.37							0.0
MUKT	HN	197	139	ES		1359	20.13	1.22							1.0
PTH	BZ	227	126	EP	*	1359	00.91	5.06							0.0
PTH	BE	227	126	ES		1359	19.27	-5.52							1.0

April 5 2023 Hour: 19:54 20.7 Ag: Local
Magnitudes: 4.0ML NCS Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SAIH	SZ			EP		1956	44.04								

April 5 2023 Hour: 23:57 57.0 Lat: 36.89N Lon: 71.15E D:211.7 Ag: NCS Regional
Magnitudes: 4.0ML NCS Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	571	139	EP		2359	11.66	0.24							1.0
UDMP	HE	571	139	ES		2400	06.33	-0.15							1.0
UDMP	HN	571	139	IAML		2400	08.83			720	0.2				
UDMP	HE	571	139	IAML		2400	08.91			887	0.3				
ALCI	BZ	622	117	EP		2359	17.04	-0.43							1.0
ALCI	BE	622	117	ES		2400	17.29	0.28							1.0
ALCI	BN	622	117	IAML		2400	20.78			201	0.2				
ALCI	BE	622	117	IAML		2400	22.68			230	0.3				
THN	BN	652	138	EP		2359	20.39	-0.15							1.0
THN	BE	652	138	ES		2400	22.60	0.24							1.0
THN	BE	652	138	IAML		2400	24.40			212	0.3				
THN	BN	652	138	IAML		2400	26.62			581	0.3				
AMRT	HZ	676	148	EP		2359	23.28	0.01							1.0
DHRM	HZ	699	136	EP		2359	26.28	0.23							1.0
DHRM	HE	699	136	ES		2400	31.63	-0.30							1.0
DHRM	HE	699	136	IAML		2400	33.47			383	0.4				
DHRM	HN	699	136	IAML		2400	34.33			649	0.3				
SDNR	BZ	796	137	EP		2359	37.44	0.36							1.0
SDNR	BE	796	137	ES		2400	50.56	-0.56							1.0
SDNR	BN	796	137	IAML		2400	53.46			120	0.3				
SDNR	BE	796	137	IAML		2400	55.54			153	0.2				
SMLA	HZ	846	137	EP		2359	42.73	-0.27							1.0
SMLA	HN	846	137	ES		2401	01.93	0.49							1.0
SMLA	HE	846	137	IAML		2401	03.39			166	0.2				
SMLA	HN	846	137	IAML		2401	04.65			151	0.3				

April 6 2023 Hour: 0:10 0.1 Lat: 30.78N Lon: 78.45E 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
DDI	HZ	63	216	EP		0010	09.14	-1.08							1.0
DDI	HE	63	216	ES		0010	17.72	-0.02							1.0
DDI	HN	63	216	IAML		0010	17.85			740	0.4				
DDI	HE	63	216	IAML		0010	18.00			1536	0.3				
JOSI	BZ	109	103	EP		0010	15.59	-2.13							1.0
SMLA	HZ	128	288	EP		0010	20.18	-0.49							1.0
SMLA	HE	128	288	ES		0010	35.32	-0.61							1.0
SMLA	HN	128	288	IAML		0010	35.60			75	0.6				
SMLA	HE	128	288	IAML		0010	35.78			80	0.6				
BHK	BZ	159	296	EP		0010	24.97	0.16							1.0
SDNR	BZ	169	300	EP		0010	27.08	1.01							1.0
SDNR	BN	169	300	ES		0010	46.12	0.80							1.0
SDNR	BN	169	300	IAML		0010	50.66			85	0.3				
SDNR	BE	169	300	IAML		0010	51.08			100	0.3				
MUKT	HZ	187	141	EP		0010	28.85	0.41							1.0
MUKT	HN	187	141	ES		0010	50.24	0.80							1.0
MUKT	HN	187	141	IAML		0010	53.58			1730	0.2				
PTH	BZ	215	128	EP		0010	31.94	0.11							1.0
LGTI	BN	220	134	EP		0010	33.07	0.54							1.0
LGTI	BE	220	134	ES		0010	57.08	0.52							1.0
LGTI	BE	220	134	IAML		0011	01.13			642	0.3				
LGTI	BN	220	134	IAML		0011	01.97			614	0.3				

April 6 2023 Hour: 0:42 7.1 Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SAIH	SN			ES		0044	52.06								
SHL	HZ			EP		0044	20.03								
SAIH	SZ			EP		0043	40.12								
KOHI	SN			ES		0043	40.11								
CMPI	HZ			EP		0043	43.93								
AZL	SZ			EP		0044	39.53								

April 6 2023 Hour: 2:27 58.3 Lat: 24.68N Lon: 94.41E D: 4.0 Ag: NCS Local
Magnitudes: 3.4ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IMP	SN	49	289	ES		0228	12.81	0.61							1.0
IMP	SN	49	289	IAML		0228	14.90			3814	0.2				
IMP	SE	49	289	IAML		0228	15.22			2518	0.1				
KOHI	SZ	119	345	EP		0228	17.18	-0.30							1.0
KOHI	SN	119	345	ES		0228	32.54	0.85							1.0
KOHI	SN	119	345	IAML		0228	33.61			1301	0.5				
KOHI	SE	119	345	IAML		0228	40.10			3937	0.5				
SILR	SZ	163	274	EP		0228	23.60	0.07							1.0
MOKO	SZ	182	3	EP		0228	26.08	0.04							1.0
MOKO	SE	182	3	ES		0228	47.07	0.48							1.0
MOKO	SE	182	3	IAML		0228	48.72			877	0.2				
MOKO	SN	182	3	IAML		0228	50.30			1018	0.4				
TEZP	SZ	269	323	EP		0228	35.40	-1.28							1.0
SHL	HZ	275	291	EP		0228	36.16	-1.53							1.0
SHL	HE	275	291	ES		0229	07.09	0.24							1.0
SHL	HN	275	291	IAML		0229	08.59			155	0.2				
SHL	HE	275	291	IAML		0229	09.34			168	0.2				
SAIH	SZ	283	211	EP		0228	39.86	1.30							1.0
IMP	SZ	49	289	EP		0228	05.80	-0.48							1.0

April 6 2023 Hour: 18: 2 13.3 Lat: 35.09N Lon: 82.76E D: 30.0F Ag: NCS Regional
Magnitudes: 4.6ML NCS 4.6MW NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	520	261	EP		1803	21.29	0.73							1.0
ALCI	BE	520	261	ES		1804	10.53	0.16							1.0
ALCI	BE	520	261	IAML		1804	17.77			898	0.6				
ALCI	BN	520	261	IAML		1804	26.42			1792	0.7				
JOSI	BZ	585	212	EP		1803	29.22	0.91							1.0
UTK	BZ	629	221	EP		1803	32.35	-1.25							1.0
UTK	BN	629	221	ES		1804	33.10	0.05							1.0
UTK	BN	629	221	IAML		1804	35.69			887	0.5				
UTK	BE	629	221	IAML		1804	39.16			1580	0.4				
PTH	BZ	656	202	EP		1803	37.43	0.59							1.0
SDNR	BZ	672	236	EP		1803	36.86	-1.95							1.0
SDNR	BN	672	236	ES		1804	40.85	-1.27							1.0
SDNR	BN	672	236	IAML		1804	43.48			892	0.7				
SDNR	BE	672	236	IAML		1804	44.32			1096	0.7				
BHK	BZ	679	235	EP		1803	39.85	0.31							1.0
BHK	BN	679	235	ES		1804	44.50	1.10							1.0
BHK	BE	679	235	IAML		1804	53.00			1618	0.5				
BHK	BN	679	235	IAML		1804	54.80			4016	0.6				
LGTI	BZ	680	202	EP		1803	40.10	0.37							1.0
SMLA	HN	682	231	EP		1803	38.47	-1.56							1.0
SMLA	HN	682	231	ES		1804	42.51	-1.73							1.0
SMLA	HN	682	231	IAML		1804	44.00			966	0.7				
SMLA	HE	682	231	IAML		1804	44.53			1279	0.9				
MUKT	HZ	689	206	EP		1803	41.01	0.11							1.0
THN	BZ	708	247	EP		1803	42.32	-0.58							1.0
THN	BE	708	247	ES		1804	49.86	0.62							1.0
THN	BE	708	247	IAML		1804	56.36			358	0.7				
UDMP	HZ	745	253	EP		1803	47.18	-0.13							1.0
UDMP	HN	745	253	ES		1804	58.35	1.43							1.0
UDMP	HE	745	253	IAML		1805	01.58			907	0.4				
UDMP	HN	745	253	IAML		1805	02.39			639	0.4				
JMU	BZ	776	253	EP		1803	51.04	0.13							1.0
JHNI	BZ	1139	202	EP		1804	34.74	1.10							1.0
AJM	BZ	1235	221	EP		1804	45.11	0.19							0.9
AJM	BE	1235	221	ES		1806	37.40	0.25							0.9
AJM	BE	1235	221	IAML		1806	42.86			375	0.7				
AJM	BN	1235	221	IAML		1806	43.21			281	0.6				
UDPR	BZ	1454	219	EP		1805	11.44	0.70							0.7
UDPR	BN	1454	219	ES		1807	22.66	0.58							0.7
UDPR	BE	1454	219	IAML		1807	27.66			232	0.5				
UDPR	BN	1454	219	IAML		1807	30.18			157	0.3				

April 6 2023 Hour: 21:48 47.1 Lat: 37.82N Lon: 72.08E D:177.7 Ag: NCS Local
Magnitudes: 4.2ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	609	130	EP		2150	04.48	-0.59							1.0
ALCI	BE	609	130	ES		2151	03.02	0.27							1.0
ALCI	BN	609	130	IAML		2151	05.69			333	0.3				
ALCI	BE	609	130	IAML		2151	06.11			751	0.4				
UDMP	HZ	610	152	EP		2150	05.50	0.59							1.0
UDMP	HE	610	152	ES		2151	02.22	-0.26							1.0
UDMP	HE	610	152	IAML		2151	02.56			393	0.4				
UDMP	HN	610	152	IAML		2151	06.77			389	0.1				
JMU	BZ	612	155	EP		2150	03.64	-1.44							1.0
JMU	BE	612	155	ES		2151	03.83	1.05							1.0
JMU	BE	612	155	IAML		2151	04.36			1057	0.4				
JMU	BN	612	155	IAML		2151	05.86			493	0.4				
DHRM	HN	728	147	ES		2151	26.45	0.07							1.0
DHRM	HN	728	147	IAML		2151	27.20			803	0.2				
DHRM	HE	728	147	IAML		2151	30.33			962	0.3				

SMLA	HN	876	146	EP	2150	36.52	0.62								1.0
SMLA	HN	876	146	ES	2151	54.96	-1.44								1.0
SMLA	HE	876	146	IAML	2151	59.28		539	0.4						
SMLA	HN	876	146	IAML	2151	59.37		489	0.2						
UTK	BZ	980	141	EP	2150	48.30	0.46								1.0
UTK	BN	980	141	ES	2152	16.97	-0.21								1.0
UTK	BN	980	141	IAML	2152	17.93		205	0.3						
UTK	BE	980	141	IAML	2152	19.00		259	0.3						
MUKT	HZ	1162	141	EP	2151	09.40	0.14								0.9
MUKT	HN	1162	141	ES	2152	55.04	0.58								0.9
MUKT	HN	1162	141	IAML	2152	58.09		36	0.4						
MUKT	HE	1162	141	IAML	2152	59.05		43	0.3						
DHRM	HZ	728	147	EP	2150	18.88	0.24								1.0

April 7 2023 Hour: 2:22 35.9 Lat: 50.30N Lon: 156.81E D:105.0F Ag: NCS Distant
Magnitudes: 6.0MW NCS Rms: 1.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKP	SZ	5682	267	EP		0231	28.38	0.32							1.0
DIBR	SZ	5739	268	EP		0231	31.89	0.03							1.0
ITAN	SZ	5848	269	EP		0231	40.22	1.05							1.0
MOKO	SZ	5855	267	EP		0231	40.22	0.40							1.0
KOHI	SZ	5931	267	EP		0231	45.48	0.65							1.0
TAWA	SZ	5946	271	EP		0231	44.16	-1.48							1.0
TEZP	SZ	5954	269	EP		0231	45.92	-0.26							1.0
GUWA	SZ	6066	269	EP		0231	54.68	1.18							1.0
SHL	HZ	6103	269	EP		0231	56.77	0.62							1.0
DHUB	SZ	6200	271	EP		0231	58.63	-3.56							1.0
JPG	BZ	6252	272	EP		0232	03.65	-1.85							1.0
SAIH	SZ	6265	265	EP		0232	06.96	0.38							1.0
AGT	SZ	6278	268	EP		0232	08.71	1.52							1.0
BELO	SZ	6314	267	EP		0232	08.27	-1.25							1.0
BELO	SZ	6314	267	E		0232	43.55								
HNLY	BZ	6464	284	EP		0232	22.05	2.51							1.0
STMR	BZ	6480	275	EP		0232	19.91	-0.02							1.0
VLK	BZ	6522	276	EP		0232	22.71	0.11							1.0
JMUI	BZ	6554	272	EP		0232	25.14	0.54							1.0
JOSI	BZ	6591	282	EP		0232	28.51	1.38							1.0
GKPR	BZ	6612	276	EP		0232	29.07	0.90							1.0
UTK	BZ	6655	283	EP		0232	30.63	-0.33							1.0
BOKR	HZ	6667	272	EP		0232	27.51	-4.17							1.0
DHRM	HZ	6687	286	EP		0232	31.58	-1.48							1.0
THN	BZ	6707	286	EP		0232	35.29	1.24							1.0
BHK	BZ	6709	284	EP		0232	36.66	2.53							1.0
DDI	HZ	6713	283	EP		0232	32.03	-2.42							1.0
JMU	BZ	6748	287	EP		0232	37.22	0.72							1.0
VAR	BZ	6757	275	EP		0232	37.16	0.01							1.0
CGRH	BZ	6770	284	EP		0232	39.75	1.85							1.0
LKN	BZ	6789	278	EP		0232	39.95	0.85							1.0
MERT	BZ	6839	282	EP		0232	42.75	0.63							1.0
BISR	BZ	6891	282	EP		0232	44.25	-1.01							1.0
NDI	HZ	6898	282	EP		0232	44.62	-1.06							1.0
JMIU	BZ	6901	282	EP		0232	45.94	0.07							1.0
NPL	BZ	6905	282	EP		0232	46.95	0.89							1.0
AYAN	BZ	6920	282	EP		0232	47.62	0.64							1.0
RTK	BZ	6927	283	EP		0232	46.01	-1.36							1.0
BNDA	BZ	6929	277	EP		0232	48.19	0.63							1.0
BWNR	BZ	6955	269	EP		0232	51.56	2.39							1.0
SRGN	BZ	7032	285	EP		0232	54.41	0.75							1.0
DGPR	HZ	7036	258	EP		0232	55.09	1.08							1.0
JHNI	BZ	7052	279	EP		0232	54.65	-0.29							1.0
PBA	HZ	7178	257	EP		0233	03.68	1.27							1.0
RAGD	BZ	7205	270	EP		0233	04.20	0.16							1.0
BKNR	BZ	7209	284	EP		0233	02.52	-1.59							1.0
BHPL	HZ	7312	278	EP		0233	06.84	-3.40							1.0

JASL	BZ	7474	285	EP	0233	20.50	1.09									1.0
CMBY	HZ	7480	253	EP	0233	20.86	1.04									0.0
HYB	HZ	7703	273	EP	0233	30.35	-2.13									1.0
KLBG	HZ	7833	274	EP	0233	40.25	0.64									1.0
BHUJ	HZ	7855	283	EP	0233	40.84	0.13									1.0
KNL	HZ	7876	272	EP	0233	41.55	-0.44									1.0
POO	HZ	7946	277	EP	0233	44.37	-1.44									1.0
MDRS	HZ	7953	268	EP	0233	45.27	-0.84									1.0
KAD	BZ	8023	276	EP	0233	48.95	-1.00									1.0
GOA	HZ	8198	275	EP	0233	58.84	-0.35									1.0
KDGU	HZ	8299	271	EP	0234	04.97	0.35									1.0
KOD	BZ	8376	268	EP	0234	08.99	0.11									1.0
CHT	HZ	8429	268	EP	0234	12.63	1.29									1.0
TRVM	HZ	8557	268	EP	0234	17.82	0.08									1.0
MNC	HZ	8854	271	EP	0234	33.19	0.74									1.0

April 7 2023 Hour: 2:49 2.4 Lat: 36.69N Lon: 71.02E D:291.5 Ag: NCS Regional
Magnitudes: 3.8ML NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	623	114	EP		0250	26.16	0.12							1.0
ALCI	BE	623	114	ES		0251	27.81	-0.15							1.0
ALCI	BE	623	114	IAML		0251	30.58			234	0.1				
ALCI	BN	623	114	IAML		0251	30.60			357	0.4				
THN	BZ	644	136	EP		0250	27.71	-0.30							1.0
THN	BE	644	136	ES		0251	30.93	-0.45							1.0
THN	BN	644	136	IAML		0251	33.63			332	0.4				
DHRM	HZ	692	134	EP		0250	33.77	0.38							1.0
DHRM	HE	692	134	ES		0251	41.55	0.81							1.0
DHRM	HE	692	134	IAML		0251	43.49			71	0.3				
DHRM	HN	692	134	IAML		0251	43.69			71	0.6				
SMLA	HZ	838	136	EP		0250	49.56	-0.19							1.0
SMLA	HE	838	136	ES		0252	08.99	-0.22							1.0
SMLA	HE	838	136	IAML		0252	09.94			86	0.3				
SMLA	HN	838	136	IAML		0252	11.36			131	0.3				

April 7 2023 Hour: 4: 6 28.5 Lat: 17.13N Lon: 79.03E 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
HYB	HZ	60	302	EP		0406	38.98	0.74							1.0
HYB	HE	60	302	ES		0406	44.52	-0.89							1.0
HYB	HN	60	302	IAML		0406	45.22			976	0.4				
HYB	HE	60	302	IAML		0406	46.34			752	0.3				
KNL	HZ	185	215	EP		0406	55.98	-0.54							1.0
KLBG	HN	234	275	ES		0407	28.48	0.70							1.0
KLBG	HE	234	275	IAML		0407	36.62			43	0.3				
KLBG	HN	234	275	IAML		0407	36.64			132	0.3				

April 8 2023 Hour: 9: 7 29.7 Lat: 35.21N Lon: 70.20E D:186.3 Ag: NCS Local
Magnitudes: 4.2ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	441	106	EP		0908	30.53	1.76							1.0
SRIN	BN	441	106	ES		0909	12.24	-0.21							1.0
SRIN	BN	441	106	IAML		0909	27.89			2282	0.6				
SRIN	BE	441	106	IAML		0909	34.37			3008	0.8				
JMU	BZ	505	121	EP		0908	34.32	-1.52							1.0
JMU	BN	505	121	ES		0909	23.82	-0.93							1.0
JMU	BN	505	121	IAML		0909	25.03			508	1.0				
THN	BZ	603	119	EP		0908	46.77	-0.14							1.0
THN	BN	603	119	ES		0909	44.49	0.48							1.0
THN	BN	603	119	IAML		0909	44.94			283	1.3				
DHRM	HZ	654	118	EP		0908	53.46	0.51							1.0
DHRM	HN	654	118	ES		0909	54.71	0.17							1.0
DHRM	HN	654	118	IAML		0909	55.55			318	0.6				
DHRM	HE	654	118	IAML		0909	58.26			328	0.6				

SRGN	BZ	681	148	EP	0908	55.25	-0.58										1.0
SRGN	BE	681	148	ES	0910	00.43	0.89										1.0
SRGN	BN	681	148	IAML	0910	01.26				385	0.3						
CGRH	BZ	790	127	EP	0909	08.61	0.16										1.0
CGRH	BE	790	127	ES	0910	21.31	-0.19										1.0
CGRH	BE	790	127	IAML	0910	22.43				328	0.2						
CGRH	BN	790	127	IAML	0910	23.66				313	0.6						
SMLA	HZ	792	123	EP	0909	08.45	-0.39										1.0
SMLA	HE	792	123	ES	0910	22.18	0.00										1.0
SMLA	HN	792	123	IAML	0910	23.52				172	0.6						

April 8 2023 Hour: 11: 6 16.9

Ag: Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PBA	HZ	252	342	EP		1106	54.90	3.95							1.0
CMBY	HZ	259	169	EP		1106	51.02	-0.79							1.0
DGPR	HZ	412	352	EP		1107	15.20	4.54							1.0
MDRS	HZ	1502	286	EP		1109	25.35	-0.56							1.0
MDRS	HN	1502	286	ES		1111	53.07	-2.42							1.0
RAGD	BZ	1526	316	EP		1109	38.14	9.23							0.0
RAGD	BN	1526	316	ES		1112	05.02	-5.06							0.0
VJD	BZ	1593	301	EP		1109	35.94	-1.15							1.0
VJD	BN	1593	301	ES		1112	13.99	-1.47							1.0
KOHI	SZ	1798	2	EP		1109	59.43	-2.10							1.0

April 8 2023 Hour: 11:52 39.2

Lat: 25.19N Lon: 96.83E D: 10.0F

Ag: NCS Local

Magnitudes: 3.6ML NCS

Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MOKO	SZ	264	299	EP		1153	18.23	1.69							1.0
MOKO	SN	264	299	ES		1153	44.44	0.30							1.0
MOKO	SN	264	299	IAML		1153	50.31			548	1.5				
MOKO	SE	264	299	IAML		1153	53.32			731	0.9				
KOHI	SZ	280	283	EP		1153	19.10	0.57							1.0
KOHI	SE	280	283	ES		1153	48.42	0.82							1.0
KOHI	SN	280	283	IAML		1153	51.85			361	1.0				
KOHI	SE	280	283	IAML		1153	51.92			390	1.0				
IMP	SN	293	263	ES		1153	50.32	-0.17							1.0
IMP	SN	293	263	IAML		1153	53.53			183	0.5				
IMP	SE	293	263	IAML		1153	57.33			116	0.9				
TEZP	SZ	434	292	EP		1153	36.70	-0.77							1.0
TEZP	SN	434	292	ES		1154	18.88	-1.68							1.0
TEZP	SN	434	292	IAML		1154	19.38			330	1.4				
SAIH	SZ	492	233	EP		1153	43.95	-0.73							1.0
SAIH	SE	492	233	ES		1154	34.05	0.94							1.0
SAIH	SN	492	233	IAML		1154	34.26			420	1.6				
SAIH	SE	492	233	IAML		1154	34.93			451	1.1				
SHL	HZ	502	276	EP		1153	44.59	-1.33							1.0
TAWA	SZ	562	299	EP		1153	53.75	0.68							1.0
TAWA	SE	562	299	ES		1154	47.83	0.12							1.0
TAWA	SE	562	299	IAML		1154	50.17			891	0.4				
TAWA	SN	562	299	IAML		1154	53.78			985	1.8				
IMP	SZ	293	263	EP		1153	19.75	-0.44							1.0

April 8 2023 Hour: 13:24 44.0

Lat: 17.56N Lon: 78.16E D: 4.7

Ag: NCS Local

Magnitudes: 3.1ML NCS

Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HYB	HZ	45	111	EP		1324	52.06	0.77							1.0
KLBG	HZ	143	259	EP		1325	05.98	-0.72							1.0
KLBG	HN	143	259	ES		1325	24.36	0.86							1.0
KLBG	HN	143	259	IAML		1325	26.92			474	0.5				
KLBG	HE	143	259	IAML		1325	27.14			157	0.4				
KNL	HZ	200	184	EP		1325	12.48	-1.29							1.0
KNL	HE	200	184	ES		1325	36.30	0.49							1.0
KNL	HE	200	184	IAML		1325	39.98			529	0.6				
KNL	HN	200	184	IAML		1325	46.17			396	0.8				

VJD BN 289 113 ES 1325 54.98-0.11 1.0

April 8 2023 Hour: 14:44 48.6 Lat: 28.58N Lon: 86.68E D: 10.4 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
GTK	SZ	235	126	EP		1445	23.26	0.94							1.0
GTK	SE	235	126	ES		1445	49.11	1.86							1.0
DHUB	SZ	434	130	EP		1445	47.35	0.54							1.0
TURA	SZ	488	133	EP		1445	54.36	0.86							1.0
TAWA	SZ	521	101	EP		1445	55.81	-1.68							1.0
TAWA	SN	521	101	IAML		1446	41.28			780	1.2				
TAWA	SE	521	101	ES		1446	49.35	0.90							1.0
TAWA	SE	521	101	IAML		1446	50.93			601	1.5				
BOKR	HZ	535	189	EP		1445	59.29	0.10							1.0
BOKR	HE	535	189	ES		1446	51.16	-0.24							1.0
SHL	HZ	612	122	EP		1446	08.08	-0.55							1.0
PTH	BZ	640	282	EP		1446	12.01	-0.01							1.0
PTH	BE	640	282	ES		1447	12.22	-1.50							1.0
PTH	BN	640	282	IAML		1447	18.36			331	0.9				
PTH	BE	640	282	IAML		1447	21.18			252	1.4				
LGTI	BZ	649	280	EP		1446	12.89	-0.17							1.0
LGTI	BE	649	280	ES		1447	14.67	-0.87							1.0
LGTI	BE	649	280	IAML		1447	23.89			176	1.1				
JOSI	BZ	724	289	EP		1446	22.78	0.66							1.0
JOSI	BE	724	289	ES		1447	31.32	0.02							1.0
JOSI	BE	724	289	IAML		1447	36.05			258	0.7				
JOSI	BN	724	289	IAML		1447	39.12			476	0.8				
MOKO	SZ	814	106	EP		1446	31.18	-1.46							1.0
MOKO	SE	814	106	ES		1447	48.39	-1.20							1.0
MOKO	SE	814	106	IAML		1447	50.90			198	1.1				
MOKO	SN	814	106	IAML		1447	56.67			161	1.1				
UTK	BZ	832	289	EP		1446	35.88	1.15							1.0
UTK	BE	832	289	ES		1447	53.41	0.17							1.0
UTK	BN	832	289	IAML		1447	57.41			509	1.4				
UTK	BE	832	289	IAML		1447	59.00			804	0.8				
SAIH	SZ	925	135	EP		1446	44.49	-1.21							1.0
SMLA	HZ	961	289	EP		1446	50.46	0.39							1.0
SMLA	HE	961	289	ES		1448	20.09	0.15							1.0
SMLA	HN	961	289	IAML		1448	23.64			229	1.2				
SMLA	HE	961	289	IAML		1448	27.31			374	1.2				
DHRM	HZ	1076	295	EP		1447	04.06	0.52							1.0
DHRM	HE	1076	295	ES		1448	44.11	0.74							1.0
DHRM	HN	1076	295	IAML		1448	48.38			278	1.7				
DHRM	HE	1076	295	IAML		1448	48.69			357	1.0				
ALCI	BZ	1098	307	EP		1447	07.01	0.80							1.0
ALCI	BE	1098	307	ES		1448	48.18	0.17							1.0
ALCI	BE	1098	307	IAML		1448	55.91			135	1.4				
ALCI	BN	1098	307	IAML		1448	56.74			89	1.8				
THN	BZ	1128	295	EP		1447	08.36	-1.11							1.0

April 8 2023 Hour: 22:34 12.7 Lat: 29.93N Lon: 79.89E D: 5.0F Ag: NCS Local
Magnitudes: 2.1ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JOSI	BE	76	335	IAML		2234	34.79			54	0.2				
UTK	BN	165	303	IAML		2234	57.17			52	0.5				
LGTI	BN			ES		2234	56.70								
LGTI	BZ			EP		2234	35.73								
PTH	BZ			EP		2234	30.79								
UTK	BE			ES		2234	51.39								
UTK	BE	165	303	IAML		2234	58.53			61	0.5				
JOSI	BN	76	335	ES		2234	34.56	0.40							1.0
UTK	BZ			EP		2234	34.16								

April 9 2023 Hour: 6:11 25.3 Lat: 27.47N Lon: 92.30E 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
TAWA	SZ	45	289	EP		0611	32.80	0.04							1.0
TAWA	SN	45	289	ES		0611	39.04	0.74							1.0
TAWA	SN	45	289	IAML		0611	39.42			5613	0.2				
TAWA	SE	45	289	IAML		0611	40.65			4999	0.3				
TEZP	SZ	106	152	EP		0611	40.75	-1.35							1.0
TEZP	SN	106	152	ES		0611	54.57	0.01							1.0
TEZP	SN	106	152	IAML		0611	54.70			580	0.1				
ITAN	SZ	145	104	EP		0611	47.50	-0.22							1.0
ITAN	SN	145	104	ES		0612	05.13	0.80							1.0
ITAN	SN	145	104	IAML		0612	06.24			1169	0.2				
ITAN	SE	145	104	IAML		0612	06.90			1216	0.2				
GUWA	SZ	153	203	EP		0611	48.55	-0.19							1.0
GUWA	SN	153	203	ES		0612	06.54	0.43							1.0
GUWA	SE	153	203	IAML		0612	07.03			666	0.3				
GUWA	SN	153	203	IAML		0612	07.26			521	0.1				
SHL	HZ	215	192	EP		0611	55.67	-0.87							1.0
MOKO	SZ	254	119	EP		0612	00.60	-0.76							1.0
MOKO	SE	254	119	ES		0612	29.47	1.41							1.0
MOKO	SN	254	119	IAML		0612	34.46			114	0.2				
MOKO	SE	254	119	IAML		0612	36.05			165	0.6				
KOHI	SZ	264	137	EP		0612	01.98	-0.64							1.0
KOHI	SE	264	137	ES		0612	31.02	0.76							1.0
KOHI	SE	264	137	IAML		0612	31.33			36	0.4				
KOHI	SN	264	137	IAML		0612	31.36			22	0.4				
DHUB	SZ	280	236	EP		0612	04.39	-0.04							1.0
TURA	SZ	299	224	EP		0612	05.25	-1.62							1.0
TURA	SE	299	224	ES		0612	39.17	1.51							1.0
TURA	SN	299	224	IAML		0612	39.57			70	0.1				
TURA	SE	299	224	IAML		0612	40.15			71	0.1				

April 9 2023 Hour: 7:14 15.2 Lat: 36.64N Lon: 70.91E D:286.3 Ag: NCS Local
Magnitudes: 4.5ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	565	136	EP		0715	32.06	-0.03							1.0
UDMP	HE	565	136	ES		0716	28.14	-0.86							1.0
UDMP	HE	565	136	IAML		0716	29.83			25379	0.4				
UDMP	HN	565	136	IAML		0716	29.96			19186	0.3				
ALCI	BZ	630	113	EP		0715	39.24	-0.11							1.0
ALCI	BN	630	113	ES		0716	42.22	0.58							1.0
ALCI	BN	630	113	IAML		0716	43.66			729	1.6				
ALCI	BE	630	113	IAML		0716	48.03			593	0.8				
THN	BZ	647	135	EP		0715	40.70	-0.21							1.0
THN	BE	647	135	ES		0716	43.84	-0.50							1.0
THN	BN	647	135	IAML		0716	45.01			468	0.8				
THN	BE	647	135	IAML		0716	45.52			144	0.5				
DHRM	HZ	695	133	EP		0715	46.90	0.56							1.0
DHRM	HE	695	133	ES		0716	53.87	0.08							1.0
DHRM	HE	695	133	IAML		0716	56.23			1650	1.0				
DHRM	HN	695	133	IAML		0716	57.71			1283	0.9				
SDNR	BZ	791	134	EP		0715	57.93	0.96							1.0
SDNR	BE	791	134	ES		0717	12.80	0.51							1.0
SDNR	BN	791	134	IAML		0717	14.58			352	1.1				
SDNR	BE	791	134	IAML		0717	17.93			577	1.1				
SMLA	HZ	841	135	EP		0716	03.17	0.46							1.0
KUDL	HZ	1078	149	EP		0716	29.74	0.31							1.0
KUDL	HE	1078	149	ES		0718	09.02	0.25							1.0
KUDL	HE	1078	149	IAML		0718	10.15			103	0.4				
KUDL	HN	1078	149	IAML		0718	14.03			57	0.6				
PTH	BZ	1167	129	EP		0716	37.51	-2.27							0.9

April 9 2023 Hour: 7:46 18.4 Lat: 9.30N Lon: 94.08E D: 15.0 Ag: NCS Regional
Magnitudes: 5.1MW NCS Rms: 1.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMBY	HZ	234	184	EP		*0746	53.12	1.74							0.0
CMBY	HN	234	184	ES		0747	22.93	5.39							1.0
DGPR	HZ	447	344	EP		*0747	22.49	4.74							0.0
DGPR	HE	447	344	ES		0748	11.28	4.86							1.0
VISK	HZ	1490	310	EP		0749	26.45	5.11							0.6
BWNR	BZ	1502	325	EP		0749	24.11	-5.19							1.0
BWNR	BN	1502	325	ES		0751	55.91	-4.19							1.0
BELO	SZ	1569	350	EP		0749	37.83	0.34							1.0
MDRS	HZ	1572	286	EP		0749	36.15	-1.67							1.0
RAGD	BZ	1588	315	EP		0749	40.58	0.77							1.0
AGT	SZ	1643	350	EP		0749	46.75	0.25							1.0
VJD	BZ	1661	300	EP		0749	48.46	-0.32							1.0
IMP	SZ	1719	360	EP		0749	56.84	1.15							1.0
SILR	SZ	1719	356	EP		0749	57.43	1.79							1.0
SALM	BZ	1762	280	EP		0750	01.00	0.25							1.0
SHL	HZ	1816	353	EP		0750	05.84	-1.26							1.0
KOHI	SZ	1818	0	EP		0750	07.77	0.51							1.0
KOD	BZ	1826	275	EP		0750	08.18	-0.12							1.0
BOKR	HZ	1826	332	EP		0750	08.23	0.16							1.0
KNTI	BZ	1837	330	EP		0750	05.65	-3.74							1.0
ATP	HZ	1883	290	EP		0750	14.20	-0.39							1.0
KNL	HZ	1884	294	EP		0750	15.46	0.83							1.0
MOKO	SZ	1885	1	EP		0750	14.31	-0.59							1.0
TRVM	HZ	1885	269	EP		0750	13.42	-1.35							1.0
DHUB	SZ	1901	347	EP		0750	14.79	-1.71							1.0
HYB	HZ	1905	300	EP		0750	17.94	0.86							1.0
JMUI	BZ	1920	335	EP		0750	18.16	-0.51							1.0
TEZP	SZ	1922	356	EP		0750	17.43	-1.49							1.0
COBR	BZ	1943	346	EP		0750	21.82	0.51							1.0
MYSR	HZ	1944	282	EP		0750	17.16	-4.35							1.0
ITAN	SZ	1976	359	EP		0750	24.03	-0.91							1.0
JPG	BZ	1991	344	EP		0750	29.93	3.31							1.0
LKP	SZ	2005	5	EP		0750	29.22	1.05							1.0
DIBR	SZ	2013	2	EP		0750	28.14	-0.92							1.0
KDGU	HZ	2017	282	EP		0750	30.69	1.10							1.0
TAWA	SZ	2039	354	EP		0750	33.46	1.57							1.0
BLRY	HZ	2041	291	EP		0750	33.32	1.14							1.0
GTK	SZ	2077	345	EP		0750	37.49	1.45							1.0
VAR	BZ	2122	328	EP		0750	42.19	1.82							1.0
MNGI	BZ	2136	282	EP		0750	43.62	1.88							1.0
STMR	BZ	2144	335	EP		0750	45.05	2.59							1.0
JBPL	HZ	2153	317	EP		0750	45.61	2.16							1.0
SLPR	HZ	2171	297	EP		0750	44.92	-0.34							1.0
VLK	BZ	2275	333	EP		0750	56.88	1.55							1.0
GOA	HZ	2305	289	EP		0750	58.89	0.56							1.0
MNC	HZ	2315	269	EP		0751	00.05	0.73							0.0
BHPL	HZ	2352	313	EP		0751	04.75	1.85							1.0
POO	HZ	2410	297	EP		0751	09.39	0.80							1.0
JHNI	BZ	2424	319	EP		0751	10.66	0.81							1.0
GUNA	BZ	2458	316	EP		0751	13.98	0.80							1.0
BOM	BZ	2527	297	EP		0751	19.80	0.12							1.0
LGTI	BZ	2661	329	EP		0751	28.96	-3.11							1.0
PTH	BZ	2672	329	EP		0751	32.69	-0.24							1.0
UDPR	BZ	2744	311	EP		0751	39.14	0.42							1.0
JMIU	BZ	2764	323	EP		0751	40.83	0.56							1.0
LDR	HZ	2770	323	EP		0751	41.14	0.37							1.0
NPL	BZ	2778	323	EP		0751	40.93	-0.46							1.0
NDI	HZ	2779	323	EP		0751	41.29	-0.20							1.0
KUDL	HZ	2784	321	EP		0751	42.01	0.07							1.0
UJWA	BZ	2790	322	EP		0751	40.57	-1.83							1.0

AJM	BZ	2793	315	EP	0751	43.79	1.09										1.0
JOSI	BZ	2796	329	EP	0751	41.43	-1.70										1.0
JHJR	BZ	2808	322	EP	0751	44.45	0.55										1.0
UTK	BZ	2875	328	EP	0751	48.10	-1.36										1.0
KKR	BZ	2909	324	EP	0751	52.65	0.56										1.0
CGRH	BZ	2976	325	EP	0751	58.33	0.77										1.0
BHK	BZ	3022	326	EP	0752	02.96	1.66										1.0
HNLY	BZ	3030	331	EP	0752	02.55	0.06										1.0
SDNR	BZ	3036	327	EP	0752	00.63	-1.86										1.0
SRGN	BZ	3104	320	EP	0752	07.44	-0.40										1.0
JASL	BZ	3124	312	EP	0752	10.40	0.96										1.0
JMU	BZ	3269	326	EP	0752	20.05	-1.00										1.0

April 9 2023 Hour: 9:29 39.7

Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DGPR	HZ			EP		0930	57.64								
KOHI	SZ			EP		0933	37.92								
CMBY	HZ			EP		0930	35.60								

April 9 2023 Hour: 10:31 29.3

Lat: 9.19N Lon: 93.90E D: 10.0F

Ag: NCS Local

Magnitudes: 5.2MW NCS

Rms: 1.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMBY	HZ	221	179	EP		1031	55.16	-5.97							0.0
PBA	HZ	301	335	EP		1032	09.40	-1.72							1.0
DGPR	HZ	454	347	EP		1032	31.02	1.00							1.0
SAIH	SZ	1476	356	EP		1034	30.12	-1.07							0.7
MDRS	HZ	1556	287	EP		1034	39.56	-0.97							0.6
BELO	SZ	1578	351	EP		1034	43.39	0.25							0.6
RAGD	BZ	1583	316	EP		1034	42.11	-1.58							0.6
CMPI	HZ	1585	358	EP		1034	44.10	-0.00							0.6
VJD	BZ	1650	301	EP		1034	50.14	-1.48							0.5
AGT	SZ	1652	350	EP		1034	54.55	2.77							0.5
JGDP	HZ	1683	312	EP		1034	57.08	1.53							0.5
SILR	SZ	1730	356	EP		1035	03.08	2.06							0.4
IMP	SZ	1731	0	EP		1035	03.08	1.86							0.4
SALM	BZ	1745	280	EP		1035	03.73	0.97							0.4
KOD	BZ	1807	275	EP		1035	11.68	1.42							0.4
SHL	HZ	1826	353	EP		1035	12.80	0.32							0.3
BOKR	HZ	1828	333	EP		1035	12.88	0.33							0.3
KOHI	SZ	1831	1	EP		1035	10.24	-2.73							0.3
CHT	HZ	1833	274	EP		1035	14.84	1.67							0.3
KNTI	BZ	1838	331	EP		1035	13.11	-0.70							0.3
TURA	SZ	1849	348	EP		1035	15.19	0.13							0.3
TRVM	HZ	1865	269	EP		1035	16.07	-0.78							0.3
ATP	HZ	1869	290	EP		1035	17.93	0.59							0.3
KNL	HZ	1870	294	EP		1035	16.84	-0.70							0.3
HYB	HZ	1894	300	EP		1035	20.28	-0.07							0.3
HYB	HE	1894	300	ES		1038	16.46	5.14							0.3
MOKO	SZ	1898	2	EP		1035	19.75	-1.16							0.3
DHUB	SZ	1909	348	EP		1035	22.53	0.51							0.3
MYSR	HZ	1927	282	EP		1035	25.55	1.27							0.2
TEZP	SZ	1933	357	EP		1035	24.99	0.06							0.2
KDGU	HZ	2000	282	EP		1035	33.12	0.26							0.2
LKP	SZ	2020	6	EP		1035	34.83	-0.24							0.2
DIBR	SZ	2027	3	EP		1035	35.81	-0.11							0.2
BLRY	HZ	2027	291	EP		1035	35.33	-0.63							0.2
TAWA	SZ	2049	354	EP		1035	38.99	0.41							0.1
KLBG	HZ	2054	298	EP		1035	40.30	1.13							0.1
GTK	SZ	2083	345	EP		1035	42.96	0.23							0.1
HAUL	HZ	2110	7	EP		1035	43.41	-2.38							0.1
MNGI	BZ	2119	283	EP		1035	45.70	-1.05							0.1
VAR	BZ	2122	328	EP		1035	44.94	-2.20							0.1
CNWR	HZ	2142	313	EP		1035	49.99	0.46							0.1
STMR	BZ	2147	336	EP		1035	47.26	-2.77							0.1

April 9 2023 Hour: 12:17 42.3 Lat: 9.00N Lon: 94.10E D: 30.0F Ag: NCS Local
Magnitudes: 5.6MW NCS Rms: 1.3 secs

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KOD	BZ	1831	276	EP	1221	23.98-0.25	0.3
SHL	HZ	1849	353	EP	1221	25.28-1.05	0.3
KOHI	SZ	1851	0	EP	1221	25.48-1.02	0.3
BOKR	HZ	1856	333	EP	1221	27.18 0.15	0.3
CHT	HZ	1856	274	EP	1221	28.12 1.03	0.3
KNTI	BZ	1867	331	EP	1221	25.69-2.64	0.3
TURA	SZ	1874	348	EP	1221	26.38-2.72	0.3
TRVM	HZ	1887	270	EP	1221	30.06-0.52	0.3
ATP	HZ	1897	291	EP	1221	31.69-0.09	0.3
RAIP	HZ	1899	317	EP	1221	33.86 1.81	0.3
KNL	HZ	1899	295	EP	1221	30.74-1.33	0.3
MOKO	SZ	1918	1	EP	1221	33.75-0.64	0.3
HYB	HZ	1924	301	EP	1221	35.96 0.99	0.3
DHUB	SZ	1933	348	EP	1221	35.76-0.31	0.2
TEZP	SZ	1955	356	EP	1221	37.41-1.23	0.2
KDGU	HZ	2026	283	EP	1221	47.57 0.50	0.2
LKP	SZ	2038	5	EP	1221	46.98-1.39	0.1
BLRY	HZ	2055	291	EP	1221	48.47-1.95	0.1
TAWA	SZ	2072	354	EP	1221	50.78-1.61	0.1
KLBG	HZ	2084	298	EP	1221	53.34-0.42	0.1
GTK	SZ	2109	345	EP	1221	54.23-2.65	0.1
HAUL	HZ	2128	7	EP	1221	55.69-3.33	0.1
MNGI	BZ	2145	283	EP	1222	00.17-0.82	0.1
VAR	BZ	2151	328	EP	1222	00.82-0.89	0.0
STMR	BZ	2175	336	EP	1222	01.51-2.93	0.0
JBPL	HZ	2179	318	EP	1221	53.52-11.5	0.0
GKPR	BZ	2263	332	EP	1222	09.56-5.29	0.0
VLK	BZ	2305	334	EP	1222	14.05-5.78	0.0
MNC	HZ	2317	270	EP	1222	18.75-2.44	0.0
GOA	HZ	2318	290	EP	1222	18.45-2.91	0.0
LKN	BZ	2410	326	EP	1222	25.74-6.44	0.0
POO	HZ	2428	298	EP	1222	27.17-7.10	0.0
NASK	HZ	2502	301	EP	1222	33.30-9.69	0.0
GWAL	HZ	2540	321	EP	1222	37.38-10.0	0.0
LGTI	BZ	2691	329	EP	1222	48.48-16.9	0.0
PTH	BZ	2702	329	EP	1222	52.25-14.4	0.0
MUKT	HZ	2721	328	EP	1222	53.10-15.9	0.0
UDPR	BZ	2767	311	EP	1222	58.63-15.6	0.0
AYAN	BZ	2795	323	EP	1222	58.45-19.1	0.0
LDR	HZ	2798	323	EP	1222	59.44-18.3	0.0
NPL	BZ	2805	323	EP	1222	59.55-19.1	0.0
NDI	HZ	2807	323	EP	1223	00.42-18.4	0.0
KUDL	HZ	2811	321	EP	1223	01.45-17.9	0.0
AJM	BZ	2818	316	EP	1223	00.65-19.6	0.0
UJWA	BZ	2818	323	EP	1222	58.83-21.3	0.0
JOSI	BZ	2825	330	EP	1223	01.41-19.8	0.0
NRLA	BZ	2828	323	EP	1223	01.15-20.2	0.0
RTK	BZ	2888	323	EP	1223	08.02-20.3	0.0
DDI	HZ	2891	327	EP	1223	07.36-21.5	0.0
UTK	BZ	2904	328	EP	1223	06.74-23.7	0.0
JODH	HZ	2931	313	EP	1223	12.71-20.7	0.0
KKR	BZ	2937	325	EP	1223	09.89-24.3	0.0
CGRH	BZ	3005	326	EP	1223	15.76-26.4	0.0
SMLA	HZ	3015	327	EP	1223	16.77-26.7	0.0
BHUJ	HZ	3046	304	EP	1223	22.70-24.2	0.0
BKNR	BZ	3047	317	EP	1223	19.17-27.9	0.0
BHK	BZ	3051	327	EP	1223	19.42-28.2	0.0
SDNR	BZ	3065	327	EP	1223	16.86-32.4	0.0
SRGN	BZ	3131	320	EP	1223	26.39-30.5	0.0
JASL	BZ	3147	312	EP	1223	27.33-31.6	0.0
DHRM	HZ	3162	327	EP	1223	28.95-31.9	0.0
AMRT	HZ	3199	324	EP	1223	31.46-33.5	0.0
THN	BZ	3209	327	EP	1223	32.46-33.8	0.0
ALCI	BZ	3286	331	EP	1223	38.72-36.8	0.0

JMU	BZ	3297	326	EP	1223	39.80-36.8	0.0
SRIN	BZ	3406	327	EP	1223	48.92-40.6	0.0

April 9 2023 Hour: 18:46 38.2 Lat: 25.45N Lon: 90.94E D: 10.0F Ag: NCS Local
Magnitudes: 3.1ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TURA	SZ	73	276	EP		1846	50.15	0.14							1.0
TURA	SE	73	276	ES		1846	58.83	0.06							1.0
TURA	SE	73	276	IAML		1846	59.96		17995	0.2					
TURA	SN	73	276	IAML		1847	00.57		9276	0.2					
SHL	HN	93	82	EP		1846	51.95-1.10								1.0
SHL	HN	93	82	ES		1847	02.30-1.77								1.0
SHL	HN	93	82	IAML		1847	02.77		650	0.1					
SHL	HE	93	82	IAML		1847	03.10		377	0.0					
DHUB	SZ	114	304	EP		1846	55.18-1.11								1.0
TEZP	SZ	226	55	EP		1847	10.19-0.53								1.0
TAWA	SZ	255	21	EP		1847	14.34	0.06							1.0
TAWA	SN	255	21	ES		1847	40.95-0.05								1.0
TAWA	SE	255	21	IAML		1847	42.48		1595	0.4					
TAWA	SN	255	21	IAML		1847	43.62		4887	0.2					
GTK	SZ	313	312	EP		1847	21.85	0.30							1.0
GTK	SN	313	312	ES		1847	53.96	0.31							1.0
GTK	SE	313	312	IAML		1848	07.27		44	0.8					
GTK	SN	313	312	IAML		1848	07.33		33	1.6					
KOHI	SZ	319	84	EP		1847	23.13	0.75							1.0
KOHI	SN	319	84	ES		1847	55.53	0.44							1.0
KOHI	SN	319	84	IAML		1848	11.53		49	0.7					
KOHI	SE	319	84	IAML		1848	12.05		53	0.8					
MOKO	SZ	371	74	EP		1847	29.29	0.52							1.0
MOKO	SN	371	74	ES		1848	08.17	1.96							1.0
MOKO	SN	371	74	IAML		1848	22.24		26	0.5					
MOKO	SE	371	74	IAML		1848	24.18		37	0.9					

April 9 2023 Hour: 19:37 46.9 Lat: 13.24N Lon: 92.56E D: 15.0F Ag: NCS Local
Magnitudes: 4.2ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DGPR	HZ	41	100	EP		1937	52.70-1.09								1.0
DGPR	HE	41	100	ES		1937	59.42	0.54							1.0
DGPR	HN	41	100	IAML		1938	01.34		13943	0.3					
PBA	HN	177	174	EP		1938	11.38-1.46								1.0
PBA	HN	177	174	ES		1938	33.48	1.45							1.0
PBA	HN	177	174	IAML		1938	39.29		9438	0.3					
SAIH	SZ	1024	2	EP		1939	54.85-0.35								1.0
SAIH	SE	1024	2	ES		1941	30.84	0.71							1.0
SAIH	SN	1024	2	IAML		1941	41.25		105	0.5					
SAIH	SE	1024	2	IAML		1941	42.28		224	0.3					
IMP	SZ	1290	6	EP		1940	27.00	0.54							0.8
KOHI	SZ	1391	6	EP		1940	38.44	0.10							0.7
MOKO	SZ	1462	8	EP		1940	46.24-0.50								0.7

April 9 2023 Hour: 20:56 4.7 Lat: 9.37N Lon: 93.89E D: 30.0F Ag: NCS Regional
Magnitudes: 4.7MW NCS Rms: 1.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PBA	HZ	282	334	EP		2056	43.55-0.28								0.0
VISK	HZ	1469	310	EP		2059	06.00-4.03								1.0
CMPI	HZ	1565	358	EP		2059	22.43	0.48							1.0
RAGD	BZ	1568	315	EP		2059	23.60	1.46							1.0
JGDP	HZ	1669	311	EP		2059	35.67	1.12							1.0
SILR	SZ	1710	356	EP		2059	39.21-0.09								1.0
IMP	SZ	1711	0	EP		2059	39.05-0.47								1.0
SALM	BZ	1740	280	EP		2059	43.20	0.33							1.0
KOHI	SZ	1810	1	EP		2059	50.85-0.24								1.0
KNTI	BZ	1820	331	EP		2059	52.96	0.83							1.0
CHT	HZ	1831	273	EP		2059	52.49-0.85								1.0

RAIP	HZ	1854	316	EP	2059	57.20	1.33								1.0
KNL	HZ	1861	294	EP	2059	55.24	-1.51								1.0
ATP	HZ	1861	290	EP	2059	54.06	-2.64								1.0
MOKO	SZ	1878	2	EP	2059	58.35	-0.42								1.0
DHUB	SZ	1889	348	EP	2059	59.65	-0.16								1.0
JPG	BZ	1978	345	EP	2100	09.69	-0.11								1.0
LKP	SZ	2000	6	EP	2100	11.26	-0.91								1.0
TAWA	SZ	2029	354	EP	2100	15.01	-0.42								1.0
GTK	SZ	2064	345	EP	2100	19.05	-0.18								1.0
HAUL	HZ	2090	7	EP	2100	21.24	-0.51								1.0
CNWR	HZ	2128	313	EP	2100	25.47	0.03								1.0
JBPL	HZ	2133	318	EP	2100	27.04	1.09								1.0
SLPR	HZ	2149	297	EP	2100	28.30	0.78								1.0
GKPR	BZ	2216	332	EP	2100	33.71	-0.34								1.0
BNDA	BZ	2289	323	EP	2100	41.22	0.05								1.0
JHNI	BZ	2405	320	EP	2100	54.82	2.41								1.0
GWAL	HZ	2493	320	EP	2101	01.77	0.88								1.0
BOM	BZ	2505	297	EP	2101	02.31	0.33								1.0
LGTI	BZ	2644	329	EP	2101	14.93	0.01								1.0
PTH	BZ	2655	329	EP	2101	15.82	0.03								1.0
UDPR	BZ	2723	311	EP	2101	24.45	3.17								1.0
BISR	BZ	2736	323	EP	2101	22.92	0.69								1.0
JMIU	BZ	2745	323	EP	2101	22.85	-0.16								1.0
AYAN	BZ	2749	323	EP	2101	24.65	1.32								1.0
NPL	BZ	2759	323	EP	2101	23.90	-0.23								1.0
NDI	HZ	2760	323	EP	2101	24.51	0.28								1.0
UJWA	BZ	2771	322	EP	2101	23.31	-1.82								1.0
BHGR	BZ	2778	323	EP	2101	25.52	-0.19								1.0
JOSI	BZ	2779	330	EP	2101	25.79	-0.21								1.0
NRLA	BZ	2782	323	EP	2101	23.56	-2.43								1.0
UTK	BZ	2857	328	EP	2101	32.78	0.48								1.0
SMLA	HZ	2968	327	EP	2101	41.00	-0.44								0.0
BKNR	BZ	3002	317	EP	2101	44.08	0.20								1.0
SDNR	BZ	3018	327	EP	2101	45.29	-0.02								1.0
DHRM	HZ	3116	327	EP	2101	53.39	0.08								0.0
THN	BZ	3162	327	EP	2101	57.13	0.28								1.0
ALCI	BZ	3239	331	EP	2102	03.57	0.24								1.0
AJM	BZ	2773	315	EP	2101	25.76	0.44								1.0
DGPR	HZ	434	346	EP	2057	02.24	-0.34								1.0

April 10 2023 Hour: 0:46 37.8 Lat: 23.00N Lon: 94.97E D:125.9 Ag: NCS Regional
Magnitudes: 4.7ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMPI	HZ	179	288	EP		0047	06.22	0.46							1.0
CMPI	HN	179	288	ES		0047	26.70	0.26							1.0
CMPI	HE	179	288	IAML		0047	28.33		71919	0.3					
CMPI	HN	179	288	IAML		0047	29.11		8943	0.2					
SAIH	SZ	211	255	EP		0047	08.07	-1.03							1.0
SAIH	SE	211	255	ES		0047	32.09	-0.16							1.0
SAIH	SE	211	255	IAML		0047	32.72		26914	0.2					
SAIH	SN	211	255	IAML		0047	34.93		3720	0.4					
IMP	SZ	228	333	EP		0047	11.36	0.54							1.0
IMP	SN	228	333	ES		0047	35.23	-0.02							1.0
IMP	SN	228	333	IAML		0047	36.77		703	0.9					
SILR	SZ	297	312	EP		0047	19.03	0.74							1.0
SILR	SE	297	312	ES		0047	48.20	-0.05							1.0
SILR	SE	297	312	IAML		0047	49.18		9407	0.2					
SILR	SN	297	312	IAML		0047	50.37		67729	0.2					
KOHI	SZ	314	344	EP		0047	21.08	0.63							1.0
KOHI	SN	314	344	ES		0047	52.25	0.25							1.0
KOHI	SN	314	344	IAML		0047	54.31		695	0.6					
BELO	SZ	362	275	EP		0047	25.31	-0.43							1.0
BELO	SN	362	275	ES		0048	02.39	1.17							1.0
SHL	HZ	426	313	EP		0047	32.45	-0.79							1.0

SHL	HE	426	313	ES	0048	12.30-1.95										1.0
TEZP	SZ	458	332	EP	0047	36.05-0.70										1.0
TEZP	SN	458	332	ES	0048	18.79-1.58										1.0
TAWA	SZ	598	329	EP	0047	53.87 0.76										1.0
TAWA	SN	598	329	ES	0048	49.94 1.11										1.0
TAWA	SN	598	329	IAML	0048	55.28			5589	0.5						
DHUB	SZ	606	305	EP	0047	53.04-0.95										1.0
GTK	SZ	801	308	EP	0048	17.81 0.76										1.0
GTK	SE	801	308	ES	0049	31.44 0.96										1.0
GTK	SE	801	308	IAML	0049	34.58			4082	0.2						
GTK	SN	801	308	IAML	0049	37.28			282	0.3						

April 10 2023 Hour: 1:139.9 Lat: 27.91N Lon: 87.56E D: 15.0 Ag: NCS Local
Magnitudes: 3.7ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GTK	SZ	122	122	EP		0101	58.21-0.96								1.0
GTK	SN	122	122	ES		0102	14.65 1.24								1.0
GTK	SN	122	122	IAML		0102	16.41			7855	0.5				
STMR	BZ	260	241	EP		0102	16.43 0.23								1.0
STMR	BE	260	241	ES		0102	43.18 0.13								1.0
DHUB	SZ	320	130	EP		0102	22.73-0.91								1.0
TAWA	SZ	426	94	EP		0102	38.11 1.33								1.0
TAWA	SE	426	94	ES		0103	19.01 0.16								1.0
TAWA	SE	426	94	IAML		0103	19.38			192	0.2				
SHL	HZ	500	120	EP		0102	45.57-0.34								1.0
TEZP	SZ	538	104	EP		0102	50.29-0.06								1.0
TEZP	SN	538	104	ES		0103	41.63-0.84								1.0
TEZP	SN	538	104	IAML		0103	42.85			118	0.2				

April 10 2023 Hour: 2:52 59.6 Lat: 36.88N Lon: 70.60E D:150.0F Ag: NCS Regional
Magnitudes: 4.1ML NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	666	114	EP		0254	23.53-0.01								1.0
ALCI	BE	666	114	ES		0255	25.65-0.02								1.0
ALCI	BN	666	114	IAML		0255	27.79			421	0.2				
ALCI	BE	666	114	IAML		0255	28.10			954	0.2				
THN	BZ	685	134	EP		0254	25.41-0.09								1.0
THN	BE	685	134	ES		0255	29.43 0.36								1.0
THN	BE	685	134	IAML		0255	30.06			540	0.4				
DHRM	HZ	733	133	EP		0254	31.43 0.18								1.0
DHRM	HN	733	133	ES		0255	39.60 0.52								1.0
DHRM	HE	733	133	IAML		0255	40.24			182	0.6				
DHRM	HN	733	133	IAML		0255	40.41			153	0.5				
SDNR	BZ	830	134	EP		0254	42.34-0.09								1.0
SDNR	BN	830	134	ES		0255	57.67-0.86								1.0

April 10 2023 Hour: 3:49 14.8 Lat: 28.18N Lon: 87.72E D: 10.0F Ag: NCS Local
Magnitudes: 3.6ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GTK	SZ	130	137	EP		0349	32.72-2.55								1.0
GTK	SE	130	137	ES		0349	50.36-0.08								1.0
GTK	SN	130	137	IAML		0350	00.54			1940	0.7				
GTK	SE	130	137	IAML		0350	01.78			889	1.2				
COBR	BZ	272	140	EP		0349	53.34 0.41								1.0
TURA	SZ	387	139	EP		0350	07.59 0.33								1.0
TURA	SE	387	139	ES		0350	46.92 0.83								1.0
TURA	SN	387	139	IAML		0350	47.30			592	0.5				
TURA	SE	387	139	IAML		0350	50.25			574	0.4				
TAWA	SZ	414	98	EP		0350	10.59-0.05								1.0
SHL	HZ	503	124	EP		0350	21.86 0.24								1.0
BOKR	HZ	520	201	EP		0350	22.45-1.01								1.0
BOKR	HE	520	201	ES		0351	14.63 0.34								1.0
BOKR	HN	520	201	IAML		0351	20.16			136	0.2				
BOKR	HE	520	201	IAML		0351	20.49			84	1.5				

TEZP	SZ	532	108	EP		0350	25.85	0.94									1.0
KNTI	BZ	565	206	EP		0350	29.30	0.28									1.0
KNTI	BE	565	206	ES		0351	24.29	0.33									1.0
KNTI	BE	565	206	IAML		0351	24.62				310	0.2					
KNTI	BN	565	206	IAML		0351	25.60				591	0.2					

April 10 2023 Hour: 11:21 26.7

Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PBA	HZ	315	344	EP		1122	12.09	0.07							1.0
DGPR	HZ	476	352	EP		1122	31.80	-0.03							1.0
SALM	BZ	1714	281	EP		1125	03.45	-0.57							1.0
KOD	BZ	1772	276	EP		1125	11.67	0.55							1.0
CMBY	HZ	196	168	EP		1121	57.19	-0.02							1.0

April 10 2023 Hour: 15:26 36.9

Ag: Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TRVM	HZ	1407	313	EP		1529	30.42	0.69							1.0
PBA	HE	1491	29	ES		1532	14.71	-0.47							1.0
KOD	BZ	1505	320	EP		1529	47.36	-0.59							1.0
KOD	BN	1505	320	ES		1532	18.60	-0.26							1.0
SALM	BZ	1584	326	EP		1529	57.80	0.51							1.0
MDRS	HZ	1601	335	EP		1529	58.72	-0.66							1.0
DGPR	HZ	1649	26	EP		1530	04.61	-0.63							1.0
DGPR	HE	1649	26	ES		1532	50.26	0.49							1.0
RAGD	BZ	2168	352	EP		1531	03.85	1.02							1.0
RAGD	BE	2168	352	ES		1534	43.25	0.12							1.0

April 10 2023 Hour: 17:11 13.4

Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PBA	HZ			EP		1712	36.78								
MDRS	HZ			EP		1715	12.01								
DGPR	HZ			EP		1712	57.67								
DGPR	HE			ES		1714	00.13								
PBA	HN			ES		1713	15.48								
KOD	BZ			EP		1715	43.93								
SALM	BZ			EP		1715	36.02								

April 10 2023 Hour: 23:15 26.2

Lat: 36.44N Lon: 72.38E D:156.0

Ag: NCS Local

Magnitudes: 4.4ML NCS

Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BN	464	150	EP		2316	26.98	0.29							1.0
JMU	BE	464	150	ES		2317	11.62	0.18							1.0
JMU	BE	464	150	IAML		2317	28.07			3428	0.4				
JMU	BN	464	150	IAML		2317	29.28			5950	0.4				
ALCI	BZ	502	118	EP		2316	31.28	-0.03							1.0
ALCI	BE	502	118	ES		2317	19.09	-0.40							1.0
ALCI	BN	502	118	IAML		2317	41.16			521	0.5				
ALCI	BE	502	118	IAML		2317	42.39			684	0.3				
THN	BZ	544	144	EP		2316	35.94	0.06							1.0
THN	BE	544	144	ES		2317	26.99	-0.44							1.0
THN	BE	544	144	IAML		2317	45.09			790	0.2				
THN	BN	544	144	IAML		2317	45.35			1991	0.3				
DHRM	HZ	589	141	EP		2316	41.69	0.47							1.0
DHRM	HE	589	141	ES		2317	37.21	0.49							1.0
SDNR	BZ	687	141	EP		2316	52.87	0.45							1.0
SDNR	BN	687	141	ES		2317	56.27	0.06							1.0
SDNR	BN	687	141	IAML		2318	13.23			497	0.5				
SDNR	BE	687	141	IAML		2318	15.71			815	0.5				
BHK	BZ	701	142	EP		2316	53.27	-0.72							1.0
SRGN	BZ	737	169	EP		2316	57.42	-0.73							1.0
SMLA	HZ	737	142	EP		2316	58.85	0.39							1.0
SMLA	HE	737	142	ES		2318	06.66	-0.07							1.0
SMLA	HE	737	142	IAML		2318	24.89			678	0.3				
SMLA	HN	737	142	IAML		2318	27.26			608	0.5				

April 11 2023 Hour: 3:37 13.9 Lat: 36.85N Lon: 70.58E D: 50.5 Ag: NCS Local
Magnitudes: 4.4ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BN	493	128	ES		0339	04.02	-0.08							1.0
JMU	BZ	596	138	EP		0338	30.11	0.60							1.0
JMU	BN	596	138	ES		0339	25.43	-0.02							1.0
JMU	BN	596	138	IAML		0339	30.26			634	0.5				
JMU	BE	596	138	IAML		0339	31.74			647	0.5				
ALCI	BZ	666	114	EP		0338	38.43	0.28							1.0
ALCI	BN	666	114	ES		0339	40.74	0.26							1.0
ALCI	BE	666	114	IAML		0339	43.21			477	0.8				
ALCI	BN	666	114	IAML		0339	43.68			452	0.8				
THN	BZ	684	134	EP		0338	40.60	0.63							1.0
THN	BN	684	134	ES		0339	43.28	-0.37							1.0
THN	BN	684	134	IAML		0339	44.88			448	0.7				
DHRM	HZ	732	132	EP		0338	45.60	-0.18							1.0
DHRM	HN	732	132	ES		0339	54.63	0.87							1.0
DHRM	HN	732	132	IAML		0339	56.38			775	0.6				
DHRM	HE	732	132	IAML		0339	57.50			1230	0.8				
SDNR	BZ	829	134	EP		0338	56.74	-0.29							1.0
SDNR	BN	829	134	ES		0340	12.92	-0.42							1.0
SDNR	BN	829	134	IAML		0340	13.10			1949	0.3				
SDNR	BE	829	134	IAML		0340	16.06			2862	0.3				
BHK	BZ	842	134	EP		0338	59.44	0.91							1.0
SMLA	HZ	879	134	EP		0339	02.66	-0.36							1.0
JOSI	BZ	1085	127	EP		0339	25.65	-1.64							1.0
JOSI	BN	1085	127	ES		0341	05.81	-0.18							1.0
JOSI	BN	1085	127	IAML		0341	09.82			197	1.0				
JOSI	BE	1085	127	IAML		0341	13.32			184	0.8				

April 11 2023 Hour: 4:52 28.6 Lat: 36.61N Lon: 68.62E D: 40.0F Ag: NCS Local
Magnitudes: 4.3ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	629	115	EP		*0454	02.98	14.3							0.0
SRIN	BN	629	115	ES		0455	03.74	1.50							1.0
JMU	BN	709	125	EP		0453	58.48	0.51							1.0
JMU	BE	709	125	ES		0455	04.38	0.25							1.0
JMU	BN	709	125	IAML		0455	07.25			427	0.4				
THN	BZ	805	123	EP		0454	10.52	1.31							1.0
THN	BE	805	123	ES		0455	23.22	-0.48							1.0
THN	BE	805	123	IAML		0455	25.23			269	1.1				
THN	BN	805	123	IAML		0455	25.36			669	1.3				
ALCI	BZ	821	106	EP		0454	09.89	-1.54							1.0
ALCI	BE	821	106	ES		0455	28.17	0.62							1.0
ALCI	BN	821	106	IAML		0455	31.86			203	1.2				
ALCI	BE	821	106	IAML		0455	37.49			218	1.4				
DHRM	HZ	855	122	EP		0454	15.48	0.15							1.0
DHRM	HN	855	122	ES		0455	33.72	-0.61							1.0
DHRM	HE	855	122	IAML		0455	35.86			1107	1.7				
DHRM	HN	855	122	IAML		0455	36.50			1283	0.8				
SDNR	BZ	949	124	EP		0454	26.91	0.71							1.0
SDNR	BE	949	124	ES		0455	51.77	-1.48							1.0
BHK	BZ	961	125	EP		0454	27.75	0.21							1.0
BHK	BE	961	125	ES		0455	56.08	0.50							1.0
SMLA	HZ	996	125	EP		0454	32.13	0.21							1.0
SMLA	HN	996	125	ES		0456	02.85	-0.36							1.0
SMLA	HN	996	125	IAML		0456	04.84			229	1.4				
SMLA	HE	996	125	IAML		0456	09.38			271	1.1				

April 11 2023 Hour: 5:24 1.4 Lat: 37.46N Lon: 71.60E D: 93.8 Ag: NCS Local
Magnitudes: 3.9ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	598	146	EP		0525	17.65	1.09							1.0
UDMP	HN	598	146	ES		0526	11.51	-0.64							1.0
UDMP	HN	598	146	IAML		0526	15.66			3006	0.2				
UDMP	HE	598	146	IAML		0526	16.19			4793	0.3				
ALCI	BZ	620	124	EP		0525	18.94	-0.47							1.0
ALCI	BE	620	124	ES		0526	17.35	0.25							1.0
ALCI	BE	620	124	IAML		0526	20.38			68	0.4				
ALCI	BN	620	124	IAML		0526	21.04			43	0.3				
THN	BZ	677	144	EP		0525	26.41	0.64							1.0
THN	BE	677	144	ES		0526	28.38	0.20							1.0
THN	BN	677	144	IAML		0526	31.84			270	0.3				
THN	BE	677	144	IAML		0526	32.82			104	0.3				
DHRM	HZ	721	142	EP		0525	31.24	0.10							1.0
DHRM	HN	721	142	ES		0526	37.78	0.26							1.0
DHRM	HN	721	142	IAML		0526	40.80			405	0.3				
DHRM	HE	721	142	IAML		0526	41.32			332	0.4				
SDNR	BZ	819	142	EP		0525	42.17	-0.34							1.0
SDNR	BE	819	142	ES		0526	56.31	-0.98							1.0
SDNR	BN	819	142	IAML		0527	01.01			57	0.3				
SDNR	BE	819	142	IAML		0527	01.90			98	0.3				
HNLY	BZ	849	126	EP		0525	46.04	-0.45							1.0
SMLA	HZ	869	142	EP		0525	48.47	-0.15							1.0
SMLA	HE	869	142	ES		0527	07.28	-0.66							1.0
SMLA	HE	869	142	IAML		0527	11.52			119	0.4				
SMLA	HN	869	142	IAML		0527	12.89			100	0.3				
UTK	BZ	978	138	EP		0526	00.84	-0.40							1.0
UTK	BE	978	138	ES		0527	31.43	1.55							1.0

April 11 2023 Hour: 12:15 24.2 Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DGPR	HZ			EP		1217	22.64								
CMBY	HZ			EP		1216	34.35								

April 11 2023 Hour: 13: 5 42.8 Lat: 28.02N Lon: 84.92E D: 9.2 Ag: NCS Local
Magnitudes: 3.5ML NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLK	BN	118	237	EP		1306	00.91	-0.51							1.0
VLK	BN	118	237	ES		1306	15.66	0.45							1.0
VLK	BE	118	237	IAML		1306	19.01			2392	1.2				
VLK	BN	118	237	IAML		1306	20.34			3340	1.0				
STMR	BZ	144	166	EP		1306	04.69	-0.52							1.0
GKPR	BN	205	226	EP		1306	12.49	-0.25							1.0
GKPR	BE	205	226	ES		1306	34.96	0.05							1.0
GKPR	BN	205	226	IAML		1306	41.15			1244	0.2				
JMUI	BZ	366	159	EP		1306	32.64	-0.12							1.0
GTK	SZ	371	101	EP		1306	33.62	0.12							1.0
ALBI	BZ	432	227	EP		1306	41.58	0.72							1.0
ALBI	BE	432	227	ES		1307	23.35	-0.48							1.0
ALBI	BE	432	227	IAML		1307	25.03			60	0.3				
BOKR	HZ	478	168	EP		1306	46.88	0.42							1.0
BOKR	HE	478	168	ES		1307	33.71	0.13							1.0
BOKR	HE	478	168	IAML		1307	39.91			147	0.1				
BOKR	HN	478	168	IAML		1307	40.40			172	0.3				

April 11 2023 Hour: 22:45 11.1 Lat: 17.65N Lon: 74.35E D: 5.0F Ag: NCS Local
Magnitudes: 2.9ML NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KAD	BZ	42	205	EP		2245	17.37	-0.55							1.0
KAD	BN	42	205	ES		2245	23.28	0.29							1.0
KAD	BE	42	205	IAML		2245	23.58			422	0.3				
KAD	BN	42	205	IAML		2245	23.80			1158	0.4				
POO	HZ	111	331	EP		2245	29.71	0.79							1.0
POO	HN	111	331	ES		2245	41.66	-0.49							1.0
POO	HE	111	331	IAML		2245	42.56			601	0.3				
POO	HN	111	331	IAML		2245	42.91			995	0.3				
HYB	HE	447	93	ES		2246	56.12	-0.04							1.0

April 12 2023 Hour: 0: 5 14.0 Lat: 25.84N Lon: 87.46E D: 11.4 Ag: NCS Local
Magnitudes: 4.3ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JPG	BZ	147	58	EP		0005	36.97	0.43							1.0
JPG	BE	147	58	ES		0005	53.48	0.28							1.0
JPG	BE	147	58	IAML		0005	55.63			5322	0.5				
JMUI	BZ	160	231	EP		0005	38.13	-0.06							1.0
JMUI	BE	160	231	ES		0005	55.26	-0.80							1.0
JMUI	BE	160	231	IAML		0005	55.74			3951	0.5				
JMUI	BN	160	231	IAML		0005	57.89			8333	0.4				
GTK	SZ	199	34	EP		0005	41.42	-1.79							1.0
GTK	SN	199	34	ES		0006	04.59	-0.21							1.0
GTK	SN	199	34	IAML		0006	05.21			2295	0.6				
GTK	SE	199	34	IAML		0006	05.66			1989	0.4				
STMR	BZ	241	295	EP		0005	46.89	-1.31							1.0
STMR	BN	241	295	ES		0006	13.48	-0.01							1.0
STMR	BE	241	295	IAML		0006	23.00			16788	1.2				
DHUB	SZ	255	85	EP		0005	50.01	0.07							1.0
BOKR	HZ	277	215	EP		0005	51.99	-0.73							1.0
VLK	BZ	394	298	EP		0006	07.91	0.60							1.0
VLK	BN	394	298	ES		0006	47.58	0.85							1.0
GKPR	BZ	415	285	EP		0006	09.52	-0.29							1.0
GKPR	BE	415	285	ES		0006	51.38	0.29							1.0
GKPR	BN	415	285	IAML		0006	53.36			931	0.2				
GKPR	BE	415	285	IAML		0007	06.80			2125	0.2				
AGT	SZ	439	119	EP		0006	13.89	1.08							1.0
SHL	HZ	442	93	EP		0006	12.79	-0.53							1.0
VAR	BZ	454	263	EP		0006	15.73	1.19							1.0
VAR	BE	454	263	ES		0006	59.34	0.03							1.0
TAWA	SN	480	65	EP		0006	17.78	0.07							1.0
TAWA	SE	480	65	ES		0007	04.81	-0.02							1.0
TAWA	SN	480	65	IAML		0007	33.95			2369	0.3				
IMP	SZ	662	98	EP		0006	40.57	0.64							1.0
IMP	SE	662	98	ES		0007	43.46	-0.04							1.0
IMP	SN	662	98	IAML		0007	52.77			807	0.6				
IMP	SE	662	98	IAML		0007	53.44			666	0.3				
KOHI	SZ	667	90	EP		0006	41.06	0.53							1.0
KOHI	SE	667	90	ES		0007	44.05	-0.48							1.0
LKP	SZ	851	77	EP		0007	02.41	0.20							1.0

April 12 2023 Hour: 3:38 6.6 Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	333	146	EP		0338	52.02	-0.05							1.0
ALCI	BZ	393	109	EP		0338	59.71	-0.01							1.0
THN	BZ	413	143	EP		0339	01.96	0.06							1.0

April 12 2023 Hour: 4:40 52.3 Lat: 34.47N Lon: 73.47E D: 12.4 Ag: NCS Local
Magnitudes: 4.1ML NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	131	110	EP		0441	12.70	-0.29							1.0
SRIN	BE	131	110	ES		0441	28.63	0.35							1.0
SRIN	BE	131	110	IAML		0441	31.31			5901	1.2				
JMU	BZ	226	146	EP		0441	25.35	0.73							1.0
JMU	BN	226	146	ES		0441	48.62	0.09							1.0
JMU	BE	226	146	IAML		0441	53.28			1686	0.4				
JMU	BN	226	146	IAML		0441	53.66			2203	0.0				
UDMP	HZ	231	138	EP		0441	25.41	0.13							1.0
UDMP	HN	231	138	ES		0441	49.35	-0.33							1.0
UDMP	HE	231	138	IAML		0441	54.49			2812	1.5				
THN	BZ	313	135	EP		0441	35.87	0.45							1.0
THN	BN	313	135	ES		0442	06.78	-0.53							1.0
THN	BE	313	135	IAML		0442	15.65			11164	0.5				
DHRM	HN	361	132	EP		0441	42.23	0.64							1.0
DHRM	HN	361	132	ES		0442	17.79	-0.25							1.0
DHRM	HN	361	132	IAML		0442	30.07			2071	0.3				
SDNR	BZ	458	135	EP		0441	52.33	-0.99							1.0
BHK	BE	471	135	ES		0442	41.79	0.66							1.0
SMLA	HZ	507	136	EP		0441	58.76	-0.71							1.0
SMLA	HN	507	136	ES		0442	49.20	0.04							1.0
SMLA	HN	507	136	IAML		0443	08.39			312	0.2				
SMLA	HE	507	136	IAML		0443	08.99			459	0.6				

April 12 2023 Hour: 6:54 30.5 Lat: 36.85N Lon: 70.86E D:280.2 Ag: NCS Regional
Magnitudes: 4.1ML NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	580	140	EP		0655	47.54	-1.10							1.0
JMU	BN	580	140	ES		0656	47.14	0.67							1.0
JMU	BN	580	140	IAML		0656	49.12			805	0.5				
JMU	BE	580	140	IAML		0656	49.26			296	0.3				
ALCI	BZ	644	115	EP		0655	56.13	0.18							1.0
ALCI	BE	644	115	ES		0656	59.09	-0.10							1.0
ALCI	BN	644	115	IAML		0657	00.98			230	0.5				
ALCI	BE	644	115	IAML		0657	01.18			287	0.3				
THN	BZ	667	136	EP		0655	58.28	0.09							1.0
THN	BN	667	136	ES		0657	02.94	-0.15							1.0
THN	BN	667	136	IAML		0657	03.15			476	0.4				
THN	BE	667	136	IAML		0657	03.46			231	0.3				
DHRM	HZ	715	134	EP		0656	04.13	0.52							1.0
DHRM	HE	715	134	ES		0657	12.33	-0.19							1.0
DHRM	HN	715	134	IAML		0657	13.29			643	0.3				
DHRM	HE	715	134	IAML		0657	14.89			462	0.3				
SDNR	BZ	812	135	EP		0656	14.38	0.05							1.0
SDNR	BN	812	135	ES		0657	30.91	-0.27							1.0
SDNR	BN	812	135	IAML		0657	31.76			109	0.2				
SDNR	BE	812	135	IAML		0657	32.13			177	0.5				
SMLA	HZ	862	136	EP		0656	20.36	0.25							1.0
SMLA	HN	862	136	ES		0657	41.28	0.04							1.0
SMLA	HN	862	136	IAML		0657	42.76			210	0.4				
SMLA	HE	862	136	IAML		0657	43.32			241	0.3				

April 12 2023 Hour: 10:23 51.9 Lat: 24.31N Lon: 82.58E D: 10.0F Ag: NCS Local
Magnitudes: 2.8ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VAR	BZ	114	22	EP		1024	08.52	-1.41							1.0
VAR	BN	114	22	ES		1024	23.79	0.48							1.0
VAR	BN	114	22	IAML		1024	29.63			344	0.4				
VAR	BE	114	22	IAML		1024	33.19			579	0.6				
ALBI	BZ	135	325	EP		1024	12.30	-0.78							1.0
ALBI	BE	135	325	ES		1024	30.05	1.27							1.0

ALBI	BN	135	325	IAML	1024	35.04		134	0.4										
ALBI	BE	135	325	IAML	1024	36.28		147	0.4										
KNTI	BZ	287	106	EP	1024	31.77	-0.26											1.0	
KNTI	BN	287	106	ES	1025	02.76	1.01											1.0	
KNTI	BN	287	106	IAML	1025	03.11		45	0.1										
KNTI	BE	287	106	IAML	1025	03.71		61	0.1										
LKN	BZ	321	328	EP	1024	36.01	-0.14											1.0	
LKN	BE	321	328	ES	1025	09.23	0.30											1.0	
LKN	BE	321	328	IAML	1025	09.95		259	0.3										
LKN	BN	321	328	IAML	1025	11.14		288	0.3										
VLK	BZ	372	21	EP	1024	42.06	-0.47											1.0	

April 13 2023 Hour: 3:21 32.4 Lat: 9.04N Lon: 93.75E D: 60.0F Ag: NCS Local
Magnitudes: 4.7MW NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMBY	HZ	206	174	EP		0321	59.63	-1.18							1.0
CMBY	HN	206	174	ES		0322	22.65	0.84							1.0
DGPR	HZ	466	349	EP		0322	31.78	-0.55							1.0
VISK	HZ	1481	312	EP		0324	31.92	0.06							0.7
SAIH	SZ	1490	357	EP		0324	34.38	1.25							0.6
BWNR	BZ	1505	326	EP		0324	34.65	-0.07							0.6
RAGD	BZ	1583	317	EP		0324	44.37	0.50							0.6
IMP	SZ	1747	1	EP		0325	03.08	-0.22							0.4
KOHI	SZ	1847	1	EP		0325	17.27	2.21							0.3
TEZP	SZ	1948	357	EP		0325	26.75	-0.14							0.2
ITAN	SZ	2004	360	EP		0325	34.43	0.97							0.2
GTK	SZ	2095	346	EP		0325	43.85	-0.39							0.1

April 13 2023 Hour: 14: 9 10.6 Lat: 16.15N Lon: 77.36E D: 2.3 Ag: NCS Local
Magnitudes: 2.1ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KNL	HZ	85	121	EPg		1409	25.25	-0.03							1.0
KNL	HN	85	121	ESg		1409	36.06	0.03							1.0
KNL	HE	85	121	IAML		1409	38.76		59	0.5					
KLBG	HN	140	337	EPg		1409	35.16	0.32							1.0
KLBG	HE	140	337	ESg		1409	52.40	-0.17							1.0
BLRY	HE	147	229	ESg		1409	54.16	-0.48							1.0
BLRY	HE	147	229	IAML		1409	55.74		23	0.2					
BLRY	HE	147	229	IAML		1409	56.12		22	0.2					
HYB	HZ	189	42	EP		1409	40.01	-1.22							1.0
HYB	HE	189	42	ES		1410	04.34	0.71							1.0
BLRY	HZ	147	229	EPg		1409	36.88	0.84							1.0

April 13 2023 Hour: 14:13 58.3 Lat: 31.53N Lon: 77.01E D: 10.0F Ag: NCS Local
Magnitudes: 2.9ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SDNR	BZ	10	270	EP		1413	59.80	-0.94							1.0
SDNR	BE	10	270	ES		1414	02.94	0.41							1.0
SDNR	BE	10	270	IAML		1414	03.44		5987	0.2					
SDNR	BN	10	270	IAML		1414	03.49		5423	0.1					
SMLA	HZ	47	162	EP		1414	05.49	-0.65							1.0
SMLA	HE	47	162	ES		1414	12.42	0.48							1.0
SMLA	HE	47	162	IAML		1414	12.62		139	1.1					
SMLA	HN	47	162	IAML		1414	12.89		130	1.4					
DHRM	HZ	104	320	EP		1414	14.52	-0.42							1.0
DHRM	HE	104	320	ES		1414	27.12	-0.13							1.0
DHRM	HE	104	320	IAML		1414	30.42		839	0.3					
DHRM	HN	104	320	IAML		1414	30.58		501	0.3					
THN	BZ	152	312	EP		1414	22.13	0.40							1.0
THN	BN	152	312	ES		1414	39.83	0.77							1.0
THN	BE	152	312	IAML		1414	46.31		182	0.2					
UTK	BZ	163	123	EP		1414	22.45	-0.63							1.0
UTK	BN	163	123	ES		1414	42.12	0.71							1.0
UTK	BE	163	123	IAML		1414	45.06		663	0.5					

UTK BN 163 123 IAML 1414 45.80 1230 0.2

April 13 2023 Hour: 18:5 8.2 Lat: 37.56N Lon: 79.10E D: 10.0F Ag: NCS Local
Magnitudes: 4.0ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BN	409	206	EP		1806	04.89	0.08							1.0
ALCI	BE	409	206	ES		1806	46.57	-0.11							1.0
ALCI	BN	409	206	IAML		1806	51.24			1516	0.8				
ALCI	BE	409	206	IAML		1806	53.49			854	0.5				
UDMP	HN	629	216	EP		1806	30.74	-0.58							1.0
UDMP	HE	629	216	ES		1807	33.91	1.10							1.0
UDMP	HN	629	216	IAML		1807	37.14			389	1.9				
UDMP	HE	629	216	IAML		1807	38.94			308	1.2				
DHRM	HZ	642	204	EP		1806	31.84	-1.11							1.0
SDNR	BZ	698	197	EP		1806	38.98	-0.67							1.0
SDNR	BE	698	197	ES		1807	46.69	-0.61							1.0
BHK	BZ	712	197	EP		1806	41.33	0.10							1.0
BHK	BE	712	197	ES		1807	51.29	1.25							1.0
BHK	BN	712	197	IAML		1807	51.68			318	0.3				
BHK	BE	712	197	IAML		1807	53.22			576	0.3				
SMLA	HZ	735	195	EP		1806	44.85	0.70							1.0
UTK	BZ	759	185	EP		1806	45.81	-1.13							1.0
UTK	BE	759	185	ES		1807	58.15	-1.82							1.0
JOSI	BZ	777	177	EP		1806	50.35	1.21							1.0
JOSI	BE	777	177	ES		1808	03.08	-0.74							1.0
PTH	BZ	890	173	EP		1807	02.95	0.64							1.0
MUKT	HN	899	177	EP		1807	03.97	0.45							1.0
MUKT	HN	899	177	ES		1808	30.09	1.26							1.0
MUKT	HN	899	177	IAML		1808	37.71			79	0.3				
MUKT	HE	899	177	IAML		1808	39.69			75	0.5				

April 13 2023 Hour: 19:22 28.4 Lat: 31.44N Lon: 76.89E D: 6.4 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
BHK	BZ	6	135	EP		1922	29.92	0.01							1.0
BHK	BN	6	135	ES	*	1922	51.24	20.2							0.0
SDNR	BZ	11	8	EP		1922	29.48	-1.00							1.0
SDNR	BE	11	8	ES		1922	32.53	0.51							1.0
SDNR	BE	11	8	IAML		1922	33.05			1705	0.2				
SDNR	BN	11	8	IAML		1922	33.11			1796	0.2				
SMLA	HZ	43	142	EP		1922	35.11	-0.38							1.0
SMLA	HE	43	142	ES		1922	41.35	0.61							1.0
SMLA	HE	43	142	IAML		1922	43.20			1720	0.2				
SMLA	HN	43	142	IAML		1922	43.20			1353	0.2				
DHRM	HZ	106	329	EP		1922	45.08	-0.41							1.0
DHRM	HE	106	329	ES		1922	58.80	0.67							1.0
DHRM	HE	106	329	IAML		1922	59.37			304	0.2				
DHRM	HN	106	329	IAML		1923	01.74			309	0.3				

April 14 2023 Hour: 0:13 1.9 Lat: 26.45N Lon: 88.47E D: 10.0F Ag: NCS Local
Magnitudes: 2.5ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GTK	SZ	98	8	EP		0013	20.98	1.58							1.0
GTK	SZ	98	8	I		0013	21.01								
GTK	SZ	98	8	BAZ		0013	21.01					200	12	9.1	
GTK	SN	98	8	ES		0013	31.54	-0.65							1.0
GTK	SE	98	8	IAML		0013	33.01			56	0.2				
GTK	SN	98	8	IAML		0013	33.02			42	0.2				
TAWA	SZ	360	69	E		0013	20.76								
TAWA	SE	360	69	IAML		0014	12.60			72	0.3				
TAWA	SE			ES		0013	56.40								
TAWA	SN	360	69	IAML		0014	12.41			55	0.2				
DHUB	SZ	160	107	EP		0013	27.62								
DHUB	SZ	160	107	ES		0013	44.92								

DHUB SZ 160 107 IAML 0013 47.72 19 0.1

April 14 2023 Hour: 9:13 14.9 Lat: 36.47N Lon: 69.60E D:229.9 Ag: NCS Regional
Magnitudes: 4.4ML NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	544	118	EP		0914	26.92	-0.21							1.0
JMU	BZ	630	129	EP		0914	35.85	-0.73							1.0
UDMP	HZ	641	126	EP		0914	37.98	0.09							1.0
UDMP	HN	641	126	ES		0915	39.88	0.61							1.0
UDMP	HN	641	126	IAML		0915	43.49			1482	0.2				
UDMP	HE	641	126	IAML		0915	43.89			1732	0.3				
ALCI	BZ	733	108	EP		0914	48.88	0.32							1.0
ALCI	BE	733	108	ES		0915	57.63	-0.20							1.0
ALCI	BE	733	108	IAML		0916	02.75			239	0.5				
ALCI	BN	733	108	IAML		0916	04.14			208	0.2				
DHRM	HZ	774	125	EP		0914	53.01	-0.07							1.0
DHRM	HN	774	125	ES		0916	05.71	0.01							1.0
BHK	BZ	881	128	EP		0915	05.09	-0.06							1.0
SMLA	HZ	917	128	EP		0915	10.16	0.67							1.0
SMLA	HE	917	128	ES		0916	33.83	-0.43							1.0
SMLA	HN	917	128	IAML		0916	41.08			582	0.3				
SMLA	HE	917	128	IAML		0916	43.64			344	0.4				

April 14 2023 Hour: 9:55 45.9 Lat: 6.48S Lon: 112.48E D:700.0 Ag: NCS Distant
Magnitudes: 6.5MW NCS Rms: 1.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMBY	HZ	2555	306	EP		0959	54.83	-7.62							0.0
CMBY	HE	2555	306	ES		1003	22.44	-6.00							1.0
PBA	HZ	2966	312	EP		1000	33.24	-1.38							1.0
PBA	HN	2966	312	ES		1004	24.70	-1.10							1.0
DGPR	HZ	3066	315	EP		1000	39.80	-2.51							1.0
DGPR	HE	3066	315	ES		1004	36.96	-2.59							1.0
SAIH	SZ	3845	327	EP		1001	41.87	0.61							1.0
SAIH	SE	3845	327	ES		1006	26.63	1.04							1.0
CMPI	HZ	3917	328	EP		1001	48.14	1.53							1.0
CMPI	HN	3917	328	ES		1006	36.69	1.42							1.0
IMP	SZ	4004	331	EP		1001	53.96	1.09							1.0
IMP	SE	4004	331	ES		1006	45.43	-1.19							1.0
BELO	SZ	4007	326	EP		1001	54.08	1.16							1.0
BELO	SN	4007	326	ES		1006	49.40	2.66							1.0
SILR	SZ	4064	329	EP		1001	58.17	1.09							1.0
SILR	SE	4064	329	ES		1006	55.83	1.56							1.0
AGT	SZ	4076	326	EP		1001	59.96	2.03							1.0
KOHI	SZ	4080	332	EP		1001	58.62	0.19							1.0
KOHI	SN	4080	332	ES		1006	54.92	-1.79							1.0
MOKO	SZ	4116	333	EP		1002	02.25	1.22							1.0
MOKO	SE	4116	333	ES		1006	59.80	-1.62							1.0
LKP	SZ	4149	335	EP		1002	05.45	2.22							1.0
CAL	BZ	4151	321	EP		1002	03.47	0.12							1.0
CAL	BE	4151	321	ES		1007	08.11	2.44							1.0
BWNR	BZ	4154	316	EP		1002	04.50	0.88							1.0
BWNR	BE	4154	316	ES		1007	05.85	-0.30							1.0
MDRS	HZ	4171	301	EP		1002	04.02	-0.75							1.0
MDRS	HE	4171	301	ES		1007	10.07	1.83							1.0
SHL	HZ	4190	329	EP		1002	06.31	-0.11							1.0
SHL	HE	4190	329	ES		1007	11.50	0.30							1.0
HAUL	HZ	4192	337	EP		1002	07.54	1.14							1.0
HAUL	HE	4192	337	ES		1007	14.44	3.25							1.0
TEZP	SZ	4234	331	EP		1002	09.49	0.15							1.0
TEZP	SN	4234	331	ES		1007	15.83	-0.72							1.0
RAGD	BZ	4269	312	EP		1002	12.81	0.93							1.0
RAGD	BE	4269	312	ES		1007	20.61	-0.55							1.0
TRVM	HZ	4276	292	EP		1002	12.10	-0.25							1.0
TURA	SZ	4282	327	EP		1002	12.84	-0.00							1.0

TURA	SE	4282	327	ES	1007	22.69-0.22	1.0
SALM	BZ	4297	298	EP	1002	14.27 0.37	1.0
SALM	BE	4297	298	ES	1007	29.18 4.35	1.0
KOD	BZ	4299	295	EP	1002	14.54 0.22	1.0
KOD	BE	4299	295	ES	1007	24.41-1.16	1.0
CHT	HZ	4306	294	EP	1002	13.24-1.31	1.0
CHT	HE	4306	294	ES	1007	26.44 0.43	1.0
VJD	BZ	4331	306	EP	1002	17.07 0.81	1.0
VJD	BE	4331	306	ES	1007	30.07 0.93	1.0
TAWA	SZ	4375	330	EP	1002	20.87 1.42	1.0
JGDP	HZ	4375	311	EP	1002	17.30-2.17	1.0
JGDP	HN	4375	311	ES	1007	38.94 3.96	1.0
KOCH	HZ	4394	294	EP	1002	22.52 1.79	1.0
BOKR	HZ	4424	320	EP	1002	22.71-0.19	1.0
KNTI	BZ	4450	319	EP	1002	22.67-2.12	1.0
KNTI	BE	4450	319	ES	1007	38.49-6.19	1.0
JMUI	BZ	4491	322	EP	1002	28.77 1.15	1.0
JMUI	BE	4491	322	ES	1007	49.58-0.27	1.0
ATP	HZ	4498	301	EP	1002	22.72-5.36	1.0
KNL	HZ	4524	303	EP	1002	29.49-0.46	1.0
KNL	HN	4524	303	ES	1007	57.49 3.39	1.0
GTK	SE	4539	327	ES	1007	59.64 3.29	1.0
RAIP	HZ	4552	313	EP	1002	32.39 0.47	1.0
RAIP	HE	4552	313	ES	1007	59.94 2.24	1.0
KDGU	HZ	4558	297	EP	1002	32.39 0.01	1.0
KDGU	HE	4558	297	ES	1007	59.82 1.29	1.0
HYB	HZ	4572	306	EP	1002	33.83 0.47	1.0
BLRY	HZ	4658	301	EP	1002	37.03-2.32	1.0
BLRY	HN	4658	301	ES	1008	13.07 1.79	1.0
MNC	HZ	4670	290	EP	1002	41.91 1.83	0.0
KLBG	HZ	4722	304	EP	1002	41.10-2.62	1.0
VAR	BZ	4747	319	EP	1002	47.47 2.01	1.0
VAR	BE	4747	319	ES	1008	25.25 2.79	1.0
SLPR	HZ	4825	304	EP	1002	50.59-0.30	1.0
SLPR	HN	4825	304	ES	1008	35.42 3.00	1.0
SUPA	HZ	4827	300	EP	1002	48.64-2.37	1.0
SUPA	HE	4827	300	ES	1008	36.69 4.06	1.0
JBPL	HZ	4828	314	EP	1002	49.22-1.85	1.0
JBPL	HN	4828	314	ES	1008	34.02 1.28	1.0
GKPR	BZ	4830	321	EP	1002	52.01 0.84	1.0
CNWR	HZ	4832	312	EP	1002	51.54 0.16	1.0
CNWR	HN	4832	312	ES	1008	36.58 3.28	1.0
ALBI	BN	4837	318	ES	1008	35.30 1.47	1.0
VLK	BZ	4852	322	EP	1002	54.93 2.23	1.0
VLK	BE	4852	322	ES	1008	37.15 1.42	1.0
GOA	HZ	4906	300	EP	1002	56.05-0.33	1.0
BNDA	BZ	4961	317	EP	1003	01.82 1.71	1.0
BNDA	BN	4961	317	ES	1008	48.79-0.55	1.0
KAD	BZ	4966	303	EP	1003	00.72 0.18	1.0
KAD	BN	4966	303	ES	1008	54.04 3.92	1.0
BRCH	BZ	5023	320	EP	1003	05.69 1.34	1.0
BRCH	BE	5023	320	ES	1008	59.03 1.89	1.0
BHPL	HZ	5035	312	EP	1003	04.63-0.58	1.0
BHPL	HE	5035	312	ES	1008	57.94-0.77	1.0
POO	HZ	5063	304	EP	1003	08.18 1.09	1.0
INDR	HZ	5115	310	EP	1003	09.53-1.07	1.0
INDR	HE	5115	310	ES	1009	05.27-3.35	1.0
GUNA	BZ	5137	313	EP	1003	11.63-0.40	1.0
GUNA	BE	5137	313	ES	1009	09.85-1.41	1.0
GWAL	HZ	5176	316	EP	1003	14.76 0.16	1.0
GWAL	HN	5176	316	ES	1009	16.34 0.33	1.0
BOM	BZ	5178	304	EP	1003	15.76 1.02	1.0
LGTI	BZ	5271	321	EP	1003	21.06-0.12	1.0
LGTI	BE	5271	321	ES	1009	27.40-0.70	1.0

PTH	BZ	5278	321	EP	1003	22.26	0.66										1.0
PTH	BE	5278	321	ES	1009	25.35	-3.54										1.0
MUKT	HZ	5306	320	EP	1003	21.72	-1.90										1.0
MUKT	HE	5306	320	ES	1009	30.17	-2.42										1.0
SRAT	HZ	5308	306	EP	1003	19.98	-3.37										1.0
BHV	BE	5396	307	ES	1009	43.58	0.61										1.0
JOSI	BZ	5397	321	EP	1003	30.22	0.67										1.0
JOSI	BE	5397	321	ES	1009	42.07	-1.49										1.0
BISR	BZ	5402	318	EP	1003	28.41	-1.17										1.0
BISR	BN	5402	318	ES	1009	41.54	-2.11										1.0
JMIU	BZ	5413	318	EP	1003	30.22	-0.07										1.0
JMIU	BN	5413	318	ES	1009	42.74	-2.22										1.0
AYAN	BE	5419	317	ES	1009	42.80	-2.92										1.0
LDR	HZ	5419	317	EP	1003	29.86	-0.86										1.0
LDR	HE	5419	317	ES	1009	43.15	-2.61										1.0
NDI	HZ	5427	318	EP	1003	30.66	-0.57										1.0
NDI	HN	5427	318	ES	1009	44.27	-2.44										1.0
NPL	BZ	5427	317	EP	1003	30.66	-0.55										1.0
NPL	BE	5427	317	ES	1009	44.75	-1.91										1.0
UDPR	BZ	5429	311	EP	1003	31.46	0.02										1.0
UDPR	BE	5429	311	ES	1009	44.91	-2.17										1.0
KUDL	HZ	5443	316	EP	1003	31.73	-0.55										1.0
KUDL	HE	5443	316	ES	1009	47.74	-0.91										1.0
BHGR	BE	5448	317	ES	1009	45.27	-3.91										1.0
JHJR	BZ	5461	317	EP	1003	33.83	0.35										1.0
JHJR	BN	5461	317	ES	1009	50.90	0.04										1.0
AJM	BZ	5472	313	EP	1003	33.57	-0.64										1.0
AJM	BE	5472	313	ES	1009	52.27	0.05										1.0
DDI	HZ	5485	320	EP	1003	34.95	-0.13										1.0
DDI	HE	5485	320	ES	1009	53.83	0.01										1.0
CGRH	BZ	5607	319	EP	1003	44.67	1.73										1.0
CGRH	BN	5607	319	ES	1010	08.98	0.59										1.0
SMLA	HZ	5608	320	EP	1003	42.03	-1.29										1.0
SMLA	HE	5608	320	ES	1010	08.35	-0.69										1.0
HNLY	BZ	5609	323	EP	1003	46.48	2.77										1.0
HNLY	BE	5609	323	ES	1010	10.79	1.08										1.0
BKNR	BZ	5697	314	EP	1003	46.22	-2.46										1.0
BKNR	BN	5697	314	ES	1010	15.39	-3.64										1.0
BHUJ	HZ	5702	307	EP	1003	51.12	2.12										1.0
BHUJ	HE	5702	307	ES	1010	21.57	1.94										1.0
DHRM	HZ	5752	320	EP	1003	52.63	0.14										1.0
DHRM	HN	5752	320	ES	1010	26.90	0.82										1.0
AMRT	HZ	5808	319	EP	1003	56.92	1.11										1.0
JASL	BZ	5808	311	EP	1003	55.77	-0.03										1.0
ALCI	BE	5839	323	ES	1010	33.80	-2.93										1.0
JMU	BZ	5895	320	EP	1004	01.71	0.38										1.0
JMU	BE	5895	320	ES	1010	44.54	1.99										1.0

April 14 2023 Hour: 12:32 44.9 Lat: 30.49N Lon: 79.24E 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	31	77	EP		1232	49.56	-0.31							1.0
JOSI	BN	31	77	ES		1232	54.07	0.49							1.0
JOSI	BN	31	77	IAML		1232	54.33			358	0.3				
JOSI	BE	31	77	IAML		1232	55.61			514	0.2				
UTK	BZ	81	289	EP		1232	57.23	-0.67							1.0
DDI	HZ	115	261	EP		1233	04.49	1.03							1.0
DDI	HN	115	261	ES		1233	15.71	-1.52							1.0
DDI	HN	115	261	IAML		1233	15.93			165	0.2				
DDI	HE	115	261	IAML		1233	16.70			167	0.2				
PTH	BZ	137	137	EP		1233	06.65	-0.27							1.0
PTH	BE	137	137	ES		1233	23.58	0.33							1.0
PTH	BN	137	137	IAML		1233	24.85			1083	0.3				
PTH	BE	137	137	IAML		1233	25.55			1028	0.3				

LGTI	BZ	147	146	EP	1233	08.43	-0.06									1.0
LGTI	BE	147	146	ES	1233	24.71	-1.27									1.0
LGTI	BE	147	146	IAML	1233	26.08			381	0.2						
LGTI	BN	147	146	IAML	1233	27.30			674	0.3						
SMLA	HZ	211	290	EP	1233	17.06	0.36									1.0
SMLA	HN	211	290	ES	1233	40.11	-0.16									1.0
SMLA	HN	211	290	IAML	1233	42.96			661	0.2						
SMLA	HE	211	290	IAML	1233	43.16			938	0.4						
NDI	HZ	281	225	EP	1233	25.78	0.55									1.0
NDI	HE	281	225	ES	1233	56.61	1.50									1.0
NDI	HE	281	225	IAML	1233	56.98			261	0.2						
NDI	HN	281	225	IAML	1233	58.84			301	0.3						

April 14 2023 Hour: 14:50 29.2 Lat: 36.88N Lon: 70.48E D:180.0F Ag: NCS Local
Magnitudes: 4.3ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	604	138	EP		1451	46.46	0.08							1.0
JMU	BE	604	138	ES		1452	43.74	0.27							1.0
JMU	BE	604	138	IAML		1452	45.86			1609	0.7				
JMU	BN	604	138	IAML		1452	46.11			1137	0.2				
UDMP	HZ	611	135	EP		1451	49.42	2.18							1.0
UDMP	HN	611	135	ES		1452	45.37	0.41							1.0
ALCI	BZ	676	114	EP		1451	55.51	0.58							1.0
ALCI	BE	676	114	ES		1452	58.35	0.01							1.0
ALCI	BE	676	114	IAML		1453	00.46			245	0.6				
ALCI	BN	676	114	IAML		1453	02.11			160	0.7				
THN	BE	693	134	EP		1451	57.52	0.88							1.0
THN	BE	693	134	ES		1453	01.53	0.21							1.0
THN	BE	693	134	IAML		1453	03.36			295	0.3				
DHRM	HN	741	132	EP		1452	01.84	-0.53							1.0
DHRM	HN	741	132	ES		1453	11.48	0.19							1.0
DHRM	HN	741	132	IAML		1453	12.90			633	0.2				
DHRM	HE	741	132	IAML		1453	13.42			457	0.3				
SDNR	BZ	838	133	EP		1452	12.35	-1.11							1.0
SDNR	BN	838	133	ES		1453	30.05	-0.54							1.0
SDNR	BN	838	133	IAML		1453	30.25			657	0.4				
SDNR	BE	838	133	IAML		1453	30.87			711	0.2				
BHK	BZ	851	134	EP	*	1452	10.90	-4.03							0.0
BHK	BE	851	134	ES	*	1453	26.04	-3.07							0.0
SMLA	HZ	888	134	EP		1452	18.24	-1.14							1.0
UTK	BZ	1004	131	EP		1452	31.75	-1.08							1.0
UTK	BE	1004	131	ES		1454	03.87	-0.41							1.0
UTK	BE	1004	131	IAML		1454	07.47			189	0.3				

April 15 2023 Hour: 2: 7 45.9 Lat: 24.66N Lon: 92.41E D: 16.5 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
SILR	SZ	42	72	EP		0207	52.65	-0.38							1.0
SILR	SE	42	72	ES		0207	59.51	1.23							1.0
SILR	SN	42	72	IAML		0208	00.36			28801	0.4				
AZL	SN	106	165	EP	*	0208	48.91	46.1							0.0
AZL	SE	106	165	ES		0209	01.53	0.15							1.0
SHL	HZ	115	331	EP		0208	03.74	-0.33							1.0
SHL	HN	115	331	ES		0208	18.45	0.96							1.0
AGT	SZ	146	234	EP		0208	08.10	0.21							1.0
AGT	SE	146	234	ES		0208	25.18	1.03							1.0
IMP	SZ	156	83	EP		0208	08.44	-0.80							1.0
IMP	SN	156	83	ES		0208	27.71	1.22							1.0
IMP	SN	156	83	IAML		0208	28.53			1078	0.3				
IMP	SE	156	83	IAML		0208	29.63			1737	0.3				
GUWA	SN	184	337	ES		0208	32.14	-0.27							1.0
GUWA	SN	184	337	IAML		0208	32.71			2213	0.2				
GUWA	SE	184	337	IAML		0208	33.76			2146	0.3				
BELO	SZ	185	212	EP		0208	12.86	0.15							1.0

KOHI	SZ	207	55	EP	0208	15.30-0.33										1.0
KOHI	SN	207	55	ES	0208	37.79	0.18									1.0
KOHI	SN	207	55	IAML	0208	38.13			1898	0.3						
KOHI	SE	207	55	IAML	0208	39.52			1872	0.2						
TEZP	SZ	220	10	EP	*0207	57.96-19.1										0.0
TEZP	SN	220	10	ES	0208	16.19-4.82										1.0
SAIH	SZ	248	166	EP	0208	18.28-2.37										1.0
MOKO	SZ	280	49	EP	0208	24.18-0.50										1.0
ITAN	SZ	305	25	EP	*0207	59.34-28.3										0.0

April 16 2023 Hour: 0:55 52.1 Lat: 26.23N Lon: 96.88E D: 10.0F Ag: NCS Regional
Magnitudes: 3.1ML NCS 3.3MW NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKP	SZ	159	320	EP		0056	18.25	0.88							1.0
MOKO	SZ	236	273	EP		0056	27.81	0.81							1.0
MOKO	SN	236	273	ES		0056	52.87	0.07							1.0
MOKO	SN	236	273	IAML		0056	58.77			241	0.5				
KOHI	SN	283	259	EP		0056	31.84-0.98								1.0
KOHI	SN	283	259	ES		0057	03.22	0.29							1.0
KOHI	SN	283	259	IAML		0057	10.74			104	0.7				
IMP	SZ	333	243	EP		0056	38.29-0.71								1.0
IMP	SN	333	243	ES		0057	14.10	0.42							1.0
IMP	SE	333	243	IAML		0057	16.24			261	0.4				
TEZP	SZ	409	277	EP		0056	46.70-1.66								1.0
SAIH	SZ	572	224	EP		0057	09.17	0.87							1.0

April 16 2023 Hour: 1:52 51.2 Lat: 24.74N Lon: 93.90E D: 49.4 Ag: NCS Local
Magnitudes: 3.6ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IMP	SN	10	25	EP		0152	57.54-0.99								1.0
IMP	SN	10	25	ES		0153	03.64-0.29								1.0
IMP	SE	10	25	IAML		0153	04.10			1528	0.4				
IMP	SN	10	25	IAML		0153	04.36			2222	0.4				
KOHI	SZ	111	11	EP		0153	08.01-0.13								1.0
KOHI	SN	111	11	ES		0153	22.05	1.40							1.0
KOHI	SN	111	11	IAML		0153	22.88			3640	0.4				
SILR	SE	111	273	ES		0153	21.87	1.33							1.0
KOHI	SE	111	11	IAML		0153	23.52			3110	0.4				
SILR	SZ	111	273	EP		0153	08.07-0.00								1.0
MOKO	SZ	186	19	EP		0153	17.99	0.73							1.0
TEZP	SZ	236	332	EP		0153	21.31-1.88								1.0
SAIH	SZ	266	201	EP		0153	27.90	0.90							1.0
ITAN	SZ	267	356	EPN5		0149	31.08								
ITAN	SZ	267	356	EP		0153	27.44	0.45							1.0
ITAN	SN	267	356	ES		0153	53.68	0.23							1.0
ITAN	SN	267	356	IAML		0153	54.95			961	0.2				
ITAN	SE	267	356	IAML		0153	55.09			580	0.2				
TAWA	SZ	376	328	EP		0153	39.93-0.28								1.0
TAWA	SE	376	328	ES		0154	16.03-0.43								1.0
TAWA	SN	376	328	IAML		0154	16.78			594	0.4				
TAWA	SE	376	328	IAML		0154	16.87			469	0.2				
TURA	SZ	381	284	EP		0153	39.39-1.41								1.0
TURA	SE	381	284	ES		0154	17.87	0.39							1.0
TURA	SE	381	284	IAML		0154	18.12			265	0.2				
TURA	SN	381	284	IAML		0154	18.18			162	0.2				

April 16 2023 Hour: 18:29 44.9 Lat: 32.66N Lon: 76.39E D: 10.0F Ag: NCS Local
Magnitudes: 3.7ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DHRM	HZ	46	190	EP		1829	50.50-2.12								1.0
DHRM	HN	46	190	ES		1829	58.50	0.16							1.0
THN	BZ	60	246	EP		1829	54.19-0.54								1.0
THN	BN	60	246	ES		1830	03.38	1.37							1.0
UDMP	HZ	122	284	EP		1830	03.71-0.45								1.0

UDMP	HN	122	284	ES	1830	16.98-1.44										1.0
UDMP	HN	122	284	IAML	1830	17.88		2110	0.3							
UDMP	HE	122	284	IAML	1830	18.19		3758	0.2							
JMU	BZ	147	276	EP	1830	07.54-0.02										1.0
JMU	BN	147	276	ES	1830	24.75 0.40										1.0
BHK	BZ	150	160	EP	1830	06.91-1.01										1.0
BHK	BN	150	160	ES	1830	25.20 0.24										1.0
BHK	BN	150	160	IAML	1830	26.42		1734	0.4							
BHK	BE	150	160	IAML	1830	27.69		1509	0.3							
AMRT	HZ	179	232	EP	1830	12.13 0.52										1.0
AMRT	HE	179	232	ES	1830	32.53 1.14										1.0
AMRT	HN	179	232	IAML	1830	36.03		1163	0.4							
AMRT	HE	179	232	IAML	1830	37.48		1374	0.2							
SMLA	HZ	185	156	EP	1830	13.25 0.73										1.0
SMLA	HN	185	156	ES	1830	33.62 0.65										1.0
ALCI	BZ	187	23	EP	1830	12.60-0.31										1.0
ALCI	BE	187	23	ES	1830	34.89 1.24										1.0
UTK	BZ	289	137	EP	1830	24.55-0.82										1.0
PTH	BZ	498	132	EP	1830	51.41 0.27										1.0

April 16 2023 Hour: 19:47 15.6 Lat: 37.07N Lon: 71.78E D:177.9 Ag: NCS Local
Magnitudes: 4.3ML NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	551	149	EP		1948	26.51-0.12								1.0
JMU	BN	551	149	ES		1949	18.88-0.28								1.0
JMU	BE	551	149	IAML		1949	20.78			1017	0.4				
JMU	BN	551	149	IAML		1949	21.53			1228	0.3				
UDMP	HZ	552	146	EP		1948	26.97 0.12								1.0
UDMP	HE	552	146	IAML		1949	21.82			128	0.7				
ALCI	BE	582	121	ES		1949	26.44 0.46								1.0
ALCI	BE	582	121	IAML		1949	28.81			265	0.3				
ALCI	BN	582	121	IAML		1949	29.72			260	0.2				
THN	BZ	631	143	EP		1948	35.51-0.37								1.0
THN	BE	631	143	ES		1949	35.33 0.07								1.0
DHRM	HZ	676	141	EP		1948	41.43 0.22								1.0
DHRM	HN	676	141	ES		1949	44.73 0.20								1.0
DHRM	HN	676	141	IAML		1949	46.51			2460	0.3				
SDNR	BZ	774	141	EP		1948	52.44 0.05								1.0
SDNR	BN	774	141	ES		1950	03.88-0.10								1.0
SMLA	HZ	825	141	EP		1948	58.72 0.30								1.0
SMLA	HN	825	141	ES		1950	14.51 0.03								1.0
SMLA	HN	825	141	IAML		1950	16.29			472	0.2				
UTK	BE	934	137	IAML		1950	38.86			796	0.4				
SRIN	BE			ES		1948	55.70								
BHK	BE			ES	*	1950	01.75								
UTK	BZ			EP		1949	10.98								
UTK	BN			ES		1950	35.83								
UTK	BN	934	137	IAML		1950	38.83			834	0.3				
DHRM	HE	676	141	IAML		1949	46.68			1677	0.2				
UDMP	HN			ES		1949	18.93								
UDMP	HN	552	146	IAML		1949	20.70			110	0.9				
ALCI	BZ	582	121	EP		1948	29.73-0.82								1.0

April 16 2023 Hour: 22:46 37.0 Lat: 38.47N Lon: 72.22E D: 36.9 Ag: NCS Local
Magnitudes: 4.1ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	649	135	EP		2247	59.23-0.51								1.0
ALCI	BE	649	135	ES		2249	01.49 0.54								1.0
ALCI	BE	649	135	IAML		2249	03.18			94	0.9				
ALCI	BN	649	135	IAML		2249	06.48			148	0.9				
JMU	BZ	674	159	EP		2248	02.44 0.07								1.0
JMU	BN	674	159	ES		2249	05.75 0.22								1.0
JMU	BE	674	159	IAML		2249	09.91			1237	0.8				
JMU	BN	674	159	IAML		2249	12.34			1277	0.2				

THN	BZ	744	153	EP	2248	10.87	0.27										1.0
THN	BE	744	153	ES	2249	19.96	0.12										1.0
THN	BE	744	153	IAML	2249	21.51			90	0.2							
THN	BN	744	153	IAML	2249	23.72			394	0.4							
DHRM	HZ	784	151	EP	2248	16.00	0.55										1.0
DHRM	HN	784	151	ES	2249	28.47	0.19										1.0
DHRM	HN	784	151	IAML	2249	31.68			334	0.4							
DHRM	HE	784	151	IAML	2249	32.85			274	0.1							
SDNR	BZ	880	150	EP	2248	26.66	-0.04										1.0
BHK	BZ	895	150	EP	2248	27.70	-0.68										1.0
BHK	BN	895	150	ES	2249	49.09	-1.69										1.0
BHK	BN	895	150	IAML	2249	50.98			174	0.2							
BHK	BE	895	150	IAML	2249	51.97			230	0.3							
SMLA	HZ	931	150	EP	2248	32.87	0.02										1.0
SMLA	HE	931	150	ES	2249	59.39	0.83										1.0
SMLA	HE	931	150	IAML	2250	00.93			238	0.3							
SMLA	HN	931	150	IAML	2250	01.22			258	0.4							
JOSI	BZ	1105	140	EP	2248	53.63	0.30										1.0
JOSI	BE	1105	140	ES	2250	33.99	-0.20										1.0
JOSI	BE	1105	140	IAML	2250	36.19			261	0.4							
JOSI	BN	1105	140	IAML	2250	37.27			245	0.2							

April 17 2023 Hour: 2:23 12.6

Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HNLY	BZ	35	47	EP		0223	31.93	-0.69							1.0
DHRM	HZ	228	262	EP		0223	48.89	1.88							1.0
ALCI	BZ	231	323	EP		0223	48.05	0.61							1.0
JOSI	BZ	237	160	EP		0223	49.34	1.41							1.0
THN	BZ	273	268	EP		0223	49.42	-2.10							1.0
MUKT	HZ	356	165	EP		0223	59.77	-1.11							1.0

April 17 2023 Hour: 9:34 6.9

Lat: 26.15N Lon: 93.67E D: 23.3

Ag: NCS Local

Magnitudes: 2.7ML NCS

Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KOHI	SZ	65	137	EP		0934	17.78	0.02							1.0
KOHI	SE	65	137	ES		0934	26.37	0.59							1.0
KOHI	SE	65	137	IAML		0934	27.61			396	0.2				
KOHI	SN	65	137	IAML		0934	27.69			264	0.4				
MOKO	SZ	87	77	EP		0934	19.96	-0.86							1.0
MOKO	SE	87	77	ES		0934	30.52	-0.59							1.0
MOKO	SE	87	77	IAML		0934	31.15			586	0.2				
MOKO	SN	87	77	IAML		0934	31.40			639	0.3				
TEZP	SN	101	301	EP		0934	22.95	0.28							1.0
TEZP	SN	101	301	ES		0934	34.72	0.39							1.0
ITAN	SE	110	3	ES		0934	36.37	0.01							1.0
SHL	HZ	193	251	EP		0934	33.68	-0.56							1.0
SHL	HN	193	251	ES		0934	53.44	-1.03							1.0
SHL	HE	193	251	IAML		0934	55.23			118	0.1				
GUWA	SE	197	272	ES		0934	54.55	-0.68							1.0
TAWA	SZ	240	312	EP		0934	41.12	1.16							1.0
TAWA	SE	240	312	ES		0935	04.72	0.31							1.0
CMPI	HZ	296	187	EP		0934	47.13	0.00							1.0
CMPI	HE	296	187	ES		0935	17.51	0.62							1.0
TURA	SZ	352	259	EP		0934	54.92	0.99							1.0
TURA	SE	352	259	ES		0935	28.07	-0.65							1.0

April 17 2023 Hour: 10:16 39.3

Lat: 29.18N Lon: 81.46E D: 10.0F

Ag: NCS Local

Magnitudes: 3.0ML NCS

Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PTH	BZ	130	291	EP		1016	59.78	-0.04							1.0
PTH	BN	130	291	ES		1017	14.31	-0.70							1.0
PTH	BN	130	291	IAML		1017	15.44			1172	0.3				
PTH	BE	130	291	IAML		1017	17.21			1917	0.4				
LGTI	BZ	135	281	EP		1017	01.50	0.83							1.0

LGTI	BN	135	281	ES	1017	16.48	0.01										1.0
LGTI	BN	135	281	IAML	1017	17.94			701	0.4							
LGTI	BE	135	281	IAML	1017	18.49			768	0.2							
JOSI	BZ	239	310	EP	1017	12.61	-0.97										1.0
JOSI	BE	239	310	ES	1017	39.82	0.87										1.0
JOSI	BE	239	310	IAML	1017	39.87			39	0.4							
JOSI	BN	239	310	IAML	1017	40.48			33	0.2							

April 17 2023 Hour: 11:22 27.3 Lat: 26.08N Lon: 91.52E D: 10.0F Ag: NCS Local
Magnitudes: 3.7ML NCS 3.4MW NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TURA	SZ	144	245	EP		1122	49.50	-0.09							1.0
TURA	SN	144	245	ES		1123	06.26	0.16							1.0
TURA	SE	144	245	IAML		1123	08.45			811	0.4				
TURA	SN	144	245	IAML		1123	09.78			904	0.2				
TAWA	SZ	171	12	EP		1122	52.23	-0.77							1.0
TAWA	SE	171	12	ES		1123	10.68	-1.36							1.0
TAWA	SE	171	12	IAML		1123	12.43			4581	0.2				
TAWA	SN	171	12	IAML		1123	13.78			7324	0.3				
KOHI	SZ	263	98	EP		1123	05.52	1.07							1.0
KOHI	SE	263	98	ES		1123	33.06	1.09							1.0
MOKO	SZ	301	84	EP		1123	09.41	0.21							1.0
MOKO	SN	301	84	ES		1123	40.62	0.39							1.0
MOKO	SN	301	84	IAML		1123	42.20			123	0.5				
MOKO	SE	301	84	IAML		1123	50.43			191	0.1				
GTK	SZ	321	296	EP		1123	12.40	0.70							1.0
GTK	SN	321	296	ES		1123	45.49	0.92							1.0
GTK	SN	321	296	IAML		1123	47.01			773	0.3				
GTK	SE	321	296	IAML		1123	48.28			1137	0.4				
SAIH	SZ	425	159	EP		1123	22.75	-1.79							1.0
SAIH	SN	425	159	ES		1124	06.39	-0.53							1.0
SAIH	SE	425	159	IAML		1124	08.87			742	0.3				
SAIH	SN	425	159	IAML		1124	09.36			750	0.5				

April 18 2023 Hour: 4:31 15.1 Ag: Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KOHI	SZ			EP		0448	43.11								
TURA	SZ			EP		0448	49.47								
GTK	SZ			EP		0448	52.01								
PTH	BZ			EP		0449	06.83								
HNLY	BZ			EP		0449	10.25								
BISR	BZ			EP		0449	10.74								
JMIU	BZ			EP		0449	09.97								
NDI	HZ			EP		0449	10.80								
NPL	BZ			EP		0449	10.99								
AYAN	BZ			EP		0449	10.42								
BHGR	BZ			EP		0449	11.76								
SMLA	HZ			EP		0449	12.03								
KUDL	HZ			EP		0449	12.14								
BHK	BZ			EP		0449	12.76								
SDNR	BZ			EP		0449	12.14								
ALCI	BZ			EP		0449	13.16								
DHRM	HZ			EP		0449	15.12								
THN	BZ			EP		0449	14.82								
AJM	BZ			EP		0449	14.29								
UDPR	BZ			EP		0449	15.97								
JMU	BZ			EP		0449	16.22								
BHV	BZ			EP		0449	18.07								
BKNR	BZ			EP		0449	18.78								
JASL	BZ			EP		0449	21.85								

April 18 2023 Hour: 20:46 7.2 Lat: 34.97N Lon: 70.32E D: 56.1 Ag: NCS Local
Magnitudes: 4.6ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	482	119	EP		2047	08.60	-0.43							1.0
JMU	BN	482	119	ES		2047	55.26	0.45							1.0
JMU	BE	482	119	IAML		2047	56.53			4855	0.4				
JMU	BN	482	119	IAML		2047	56.71			4195	0.3				
UDMP	HZ	499	116	EP		2047	11.40	0.33							1.0
UDMP	HN	499	116	ES		2047	57.91	-0.45							1.0
UDMP	HN	499	116	IAML		2047	59.54			3362	0.2				
UDMP	HE	499	116	IAML		2047	59.65			3646	0.2				
AMRT	HZ	564	130	EP		2047	18.67	-0.15							1.0
AMRT	HN	564	130	ES		2048	10.70	-1.14							1.0
AMRT	HE	564	130	IAML		2048	11.94			3943	0.2				
AMRT	HN	564	130	IAML		2048	12.51			5101	0.2				
THN	BZ	580	117	EP		2047	21.06	0.26							1.0
THN	BN	580	117	ES		2048	15.03	-0.25							1.0
THN	BN	580	117	IAML		2048	16.29			2648	0.3				
THN	BE	580	117	IAML		2048	16.34			1062	0.2				
DHRM	HZ	632	117	EP		2047	27.23	0.21							1.0
DHRM	HN	632	117	ES		2048	26.89	0.78							1.0
ALCI	BZ	635	96	EP		2047	25.60	-1.91							1.0
ALCI	BN	635	96	ES		2048	27.54	0.58							1.0
ALCI	BE	635	96	IAML		2048	27.80			816	0.2				
ALCI	BN	635	96	IAML		2048	28.38			1741	0.1				
SDNR	BZ	722	120	EP		2047	37.86	0.35							1.0
SDNR	BE	722	120	ES		2048	44.31	-0.05							1.0
SDNR	BE	722	120	IAML		2048	46.15			773	0.3				
SDNR	BN	722	120	IAML		2048	46.35			810	0.3				
BHK	BZ	733	121	EP		2047	38.55	-0.19							1.0
BHK	BN	733	121	ES	*	2048	38.03	-8.48							0.0
SMLA	HZ	768	122	EP		2047	43.32	0.28							1.0
SMLA	HN	768	122	ES		2048	54.05	0.07							1.0
SMLA	HN	768	122	IAML		2048	56.06			1585	0.3				
SMLA	HE	768	122	IAML		2048	57.20			1956	0.2				
UTK	BZ	893	119	EP		2047	58.41	0.71							1.0
UTK	BE	893	119	ES		2049	20.00	0.51							1.0
UTK	BE	893	119	IAML		2049	20.61			935	0.4				
UTK	BN	893	119	IAML		2049	20.72			1065	0.4				
JOSI	BZ	993	117	EP		2048	09.95	0.39							1.0
JOSI	BE	993	117	ES		2049	39.58	-0.54							1.0
JOSI	BE	993	117	IAML		2049	40.40			204	0.3				
JOSI	BN	993	117	IAML		2049	40.89			225	0.2				
MUKT	HZ	1070	122	EP		2048	18.89	0.28							1.0
MUKT	HN	1070	122	ES		2049	55.78	-0.10							1.0
MUKT	HN	1070	122	IAML		2049	58.01			45	0.2				
MUKT	HE	1070	122	IAML		2049	59.03			52	0.3				

April 19 2023 Hour: 2:47 20.1 Lat: 26.25N Lon: 93.35E D: 20.0F Ag: NCS Local
Magnitudes: 3.3ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KOHI	SZ	96	128	EP		0247	34.88	-0.64							1.0
IMP	SZ	169	159	EP		0247	45.27	0.54							1.0
IMP	SE	169	159	ES		0248	03.40	0.47							1.0
IMP	SN	169	159	IAML		0248	03.76			237	0.3				
IMP	SE	169	159	IAML		0248	03.90			190	0.3				
SILR	SZ	172	199	EP		0247	43.77	-1.22							1.0
SILR	SE	172	199	IAML		0248	03.65			1922	0.3				
SILR	SN	172	199	ES		0248	03.69	0.30							1.0
SILR	SN	172	199	IAML		0248	04.08			1485	0.3				
TAWA	SZ	209	316	EP		0247	50.50	0.86							1.0
TAWA	SN	209	316	ES		0248	12.46	0.97							1.0
SAIH	SZ	418	185	EP		0248	15.41	-0.28							1.0

SAIH	SN	418	185	IAML	0248	55.06			110	0.3					
SAIH	SE	418	185	ES	0248	57.67	0.86								1.0
SAIH	SE	418	185	IAML	0248	57.92			158	0.2					
GTK	SZ	487	285	EP	0248	22.12	-1.86								1.0

April 19 2023 Hour: 8:57 49.9 Lat: 38.08N Lon: 73.48E D: 51.2 Ag: NCS Local
Magnitudes: 4.0ML NCS Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	543	141	EP		0858	59.45	-0.00							1.0
ALCI	BN	543	141	IAML		0859	47.51			237	0.4				
ALCI	BE	543	141	IAML		0859	50.87			144	0.3				
ALCI	BE	543	141	ES		0859	50.91	0.01							1.0
UDMP	HZ	592	165	EP		0859	04.93	-0.20							1.0
JMU	BZ	600	168	EP		0859	06.57	0.51							1.0
JMU	BE	600	168	ES		0900	02.35	-0.05							1.0
JMU	BE	600	168	IAML		0900	15.06			591	1.1				
JMU	BN	600	168	IAML		0900	17.91			783	1.1				
BHK	BZ	806	156	EP		0859	30.35	0.09							1.0
BHK	BE	806	156	ES		0900	44.58	0.08							1.0
BHK	BN	806	156	IAML		0900	56.54			242	2.0				
BHK	BE	806	156	IAML		0901	01.01			451	1.6				
CGRH	BZ	869	159	EP		0859	37.00	-0.68							1.0
MUKT	HZ	1113	147	EP		0900	06.76	0.15							1.0
MUKT	HE	1113	147	ES		0901	47.95	0.20							1.0
MUKT	HN	1113	147	IAML		0902	06.24			104	1.3				
MUKT	HE	1113	147	IAML		0902	07.81			104	0.9				
PTH	BZ	1128	145	EP		0900	08.42	0.14							1.0
PTH	BE	1128	145	ES		0901	50.44	-0.23							1.0
PTH	BN	1128	145	IAML		0902	08.69			80	0.5				
PTH	BE	1128	145	IAML		0902	17.38			86	0.7				

April 19 2023 Hour: 9: 6 1.8 Lat: 5.34S Lon: 149.79E D: 60.0F Ag: NCS Distant
Magnitudes: 6.4MW NCS Rms: 1.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
COBR	BZ	7381	302	EP		0916	45.04	0.80							1.0
JPG	BZ	7462	302	EP		0916	48.98	0.15							1.0
SHBG	BZ	7518	300	EP		0916	52.21	0.16							1.0
BWNR	BZ	7543	294	EP		0916	53.85	0.42							1.0
JMUI	BZ	7644	299	EP		0916	58.17	-0.96							1.0
KNTI	BZ	7694	298	EP		0917	02.11	0.11							1.0
RAGD	BZ	7756	293	EP		0917	05.54	0.15							1.0
VLK	BZ	7945	301	EP		0917	15.42	-0.27							1.0
VAR	BZ	7968	299	EP		0917	18.26	1.31							0.9
GKPR	BZ	7970	300	EP		0917	16.86	-0.18							1.0
GKPR	BE	7970	300	ES		0926	33.63	1.19							1.0
RAIP	HZ	7989	294	EP		0917	19.94	1.82							0.9
CHT	HZ	8220	282	EP		0917	30.92	0.42							1.0
PTH	BZ	8360	302	EP		0917	38.52	0.61							1.0
JHNI	BZ	8401	298	EP		0917	39.21	-0.58							1.0
MUKT	HZ	8408	302	EP		0917	41.21	0.73							1.0
JOSI	BZ	8448	303	EP		0917	41.86	-0.64							1.0
JOSI	BE	8448	303	ES		0927	21.62	0.33							1.0
GUNA	BZ	8507	297	EP		0917	43.85	-1.42							0.9
GUNA	BN	8507	297	ES		0927	27.09	0.39							1.0
UNCH	BZ	8542	301	EP		0917	46.44	-0.55							1.0
MERT	BZ	8576	301	EP		0917	50.48	1.78							0.9
BISR	BZ	8594	301	EP		0917	51.25	1.65							0.9
JMIU	BZ	8607	301	EP		0917	50.46	0.17							1.0
LDR	HZ	8615	301	EP		0917	51.92	1.25							0.9
RTK	BZ	8703	301	EP		0917	54.86	-0.19							1.0
CGRH	BZ	8711	303	EP		0917	54.44	-1.05							1.0
SDNR	BZ	8720	304	EP		0917	55.85	-0.19							1.0
AJM	BZ	8814	298	EP		0918	01.39	0.82							1.0
CHUR	HZ	8824	300	EP		0917	59.83	-1.19							1.0

THN	BZ	8845	304	EP	0918	00.94-1.18											1.0
UDPR	BZ	8865	296	EP	0918	01.99-1.09											1.0
AMRT	HZ	8908	303	EP	0918	03.86-1.25											0.9
JMU	BZ	8943	304	EP	0918	07.67	0.86										1.0
BHV	BE	8968	293	ES	0928	08.40-2.38											0.8
SRIN	BZ	8976	306	EP	0918	07.57-1.07											1.0
BKNR	BE	8984	300	ES	0928	11.16-1.13											1.0

April 19 2023 Hour: 11:28 39.7

Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ			EP		1130	28.26								
CGRH	BZ			EP		1131	20.61								

April 19 2023 Hour: 12:56 46.9

Lat: 36.69N Lon: 71.42E D: 32.1

Ag: NCS Local

Magnitudes: 4.2ML NCS

Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	535	143	EP		1257	55.32-0.34								1.0
JMU	BN	535	143	ES		1258	46.40-0.12								1.0
JMU	BE	535	143	IAML		1258	54.52			2061	0.5				
JMU	BN	535	143	IAML		1258	55.02			1308	0.7				
UDMP	HZ	539	140	EP		1257	55.98-0.26								1.0
UDMP	HE	539	140	ES		1258	47.65	0.12							1.0
UDMP	HN	539	140	IAML		1258	55.84			2355	0.2				
UDMP	HE	539	140	IAML		1258	56.63			2768	0.4				
ALCI	BZ	591	116	EP		1258	02.53-0.27								1.0
ALCI	BN	591	116	ES		1258	59.03	0.08							1.0
ALCI	BN	591	116	IAML		1258	59.39			68	0.4				
ALCI	BE	591	116	IAML		1259	00.40			84	0.3				
THN	BZ	620	138	EP		1258	06.10	0.09							1.0
THN	BN	620	138	ES		1259	04.89	0.35							1.0
THN	BN	620	138	IAML		1259	11.89			1185	0.9				
THN	BE	620	138	IAML		1259	12.33			574	0.3				
SDNR	BZ	764	137	EP		1258	23.21	0.06							1.0
SDNR	BN	764	137	ES		1259	34.39	0.03							1.0
SDNR	BN	764	137	IAML		1259	40.62			365	0.3				
SDNR	BE	764	137	IAML		1259	41.39			302	0.5				
BHK	BZ	778	137	EP		1258	25.42	0.73							1.0
BHK	BE	778	137	ES		1259	36.57-0.47								1.0
BHK	BN	778	137	IAML		1259	37.69			825	0.1				
BHK	BE	778	137	IAML		1259	38.07			754	0.4				

April 19 2023 Hour: 17:28 12.3

Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PBA	HZ			EP		1730	16.75								
DGPR	HZ			EP		1730	35.04								

April 20 2023 Hour: 3: 3 42.2

Lat: 36.67N Lon: 71.15E D: 50.0F

Ag: NCS Local

Magnitudes: 4.2ML NCS

Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	548	141	EP		0304	51.78-0.25								1.0
JMU	BN	548	141	ES		0305	42.68-1.00								1.0
JMU	BE	548	141	IAML		0305	58.34			965	0.3				
JMU	BN	548	141	IAML		0306	00.64			1741	0.4				
UDMP	HZ	553	138	EP		0304	52.04-0.70								1.0
UDMP	HE	553	138	ES		0305	45.35	0.43							1.0
UDMP	HE	553	138	IAML		0306	00.82			1216	0.1				
UDMP	HN	553	138	IAML		0306	01.15			1343	0.2				
ALCI	BZ	612	115	EP		0305	09.04	8.97							0.0
ALCI	BN	612	115	ES		0306	11.27	13.6							0.0
THN	BZ	635	136	EP		0305	02.75	0.29							1.0
THN	BE	635	136	ES		0306	01.46-0.37								1.0
THN	BN	635	136	IAML		0306	14.81			575	0.4				
THN	BE	635	136	IAML		0306	18.66			224	0.2				
DHRM	HZ	682	135	EP		0305	08.43	0.24							1.0

DHRM	HN	682	135	ES	0306	24.55	12.8									0.0
SDNR	BZ	779	135	EP	0305	20.01	0.52									1.0
SDNR	BN	779	135	ES	0306	32.42	0.96									1.0
SDNR	BN	779	135	IAML	0306	41.04				172	0.2					
SDNR	BE	779	135	IAML	0306	45.40				162	0.2					
SMLA	HZ	829	136	EP	0305	26.08	0.57									1.0
HNLV	BZ	836	119	EP	0305	25.90	-0.69									1.0

April 20 2023 Hour: 5:28 10.6 Lat: 24.07N Lon: 93.71E D: 16.3 Ag: NCS Local
Magnitudes: 3.6ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IMP	SN	87	16	EP		0528	25.87	1.44							1.0
IMP	SN	87	16	ES		0528	35.67	0.99							1.0
IMP	SN	87	16	IAML		0528	39.52			6053	0.2				
IMP	SE	87	16	IAML		0528	39.92			2177	0.3				
SILR	SZ	121	310	EP		0528	29.78	0.29							1.0
SILR	SE	121	310	ES		0528	44.25	0.77							1.0
SILR	SE	121	310	IAML		0528	45.85			1931	0.3				
SILR	SN	121	310	IAML		0528	49.76			3096	0.2				
KOHI	SZ	187	12	EP		0528	37.90	0.15							1.0
KOHI	SE	187	12	ES		0528	58.82	0.96							1.0
KOHI	SE	187	12	IAML		0528	59.56			490	0.5				
KOHI	SN	187	12	IAML		0529	01.31			362	0.3				
SAIH	SZ	191	203	EP		0528	37.72	-0.48							1.0
SAIH	SN	191	203	ES		0528	59.78	1.13							1.0
SHL	HZ	250	312	EP		0528	45.00	-0.69							1.0
MOKO	SZ	262	18	EP		0528	46.71	-0.36							1.0
MOKO	SE	262	18	ES		0529	14.37	0.30							1.0
MOKO	SE	262	18	IAML		0529	15.16			2304	0.2				
MOKO	SN	262	18	IAML		0529	15.69			1405	0.3				
TEZP	SZ	297	342	EP		0528	50.85	-0.43							1.0
TEZP	SN	297	342	ES		0529	20.23	-1.16							1.0
TEZP	SN	297	342	IAML		0529	21.65			3155	0.2				
GUWA	SZ	311	319	EP		0528	51.76	-1.31							1.0
GUWA	SE	311	319	ES		0529	23.28	-1.24							1.0
GUWA	SN	311	319	IAML		0529	24.95			1200	0.4				
GUWA	SE	311	319	IAML		0529	25.04			1401	0.2				
ITAN	SZ	340	0	EP		0528	55.17	-1.53							1.0
ITAN	SE	340	0	ES		0529	30.25	-0.58							1.0
TURA	SZ	388	295	EP		0529	02.62	0.02							1.0
TURA	SE	388	295	ES		0529	41.88	0.79							1.0
TURA	SE	388	295	IAML		0529	45.53			260	0.2				
TURA	SN	388	295	IAML		0529	45.59			148	0.2				
TAWA	SZ	432	335	EP		0529	06.91	-1.11							1.0
TAWA	SN	432	335	ES		0529	51.81	1.28							1.0
TAWA	SE	432	335	IAML		0529	51.93			297	0.3				
TAWA	SN	432	335	IAML		0529	52.30			348	0.2				
GTK	SZ	627	306	EP		0529	31.06	-0.69							1.0
GTK	SE	627	306	ES		0530	33.27	1.45							1.0
GTK	SN	627	306	IAML		0530	36.54			15	0.3				
GTK	SE	627	306	IAML		0530	37.90			25	0.1				

April 21 2023 Hour: 10:21 11.2 Lat: 2.32N Lon: 127.79E D: 70.0F Ag: NCS Distant
Magnitudes: 6.0MW NCS Rms: 1.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DGPR	HZ	4022	289	EP		1028	04.68	-2.07							1.0
SAIH	SZ	4372	304	EP		1028	33.35	-0.10							1.0
HAUL	HZ	4378	314	EP		1028	33.08	-0.73							1.0
CMPI	HZ	4392	305	EP		1028	35.01	0.02							1.0
IMP	SZ	4405	307	EP		1028	34.47	-1.34							1.0
MOKO	SZ	4438	310	EP		1028	38.44	0.03							1.0
KOHI	SZ	4439	309	EP		1028	38.11	-0.38							1.0
DIBR	SZ	4473	312	EP		1028	40.64	-0.13							1.0
SILR	SZ	4504	307	EP		1028	44.16	1.10							1.0

BELO	SZ	4551	304	EP	1028	48.27	1.71	1.0
AGT	SZ	4600	304	EP	1028	51.76	1.58	1.0
TEZP	SZ	4603	309	EP	1028	50.77	0.40	1.0
SHL	HZ	4629	307	EP	1028	50.50	-2.04	1.0
TAWA	SZ	4737	310	EP	1029	01.44	1.23	1.0
TURA	SZ	4772	306	EP	1029	03.09	0.27	1.0
CAL	BZ	4813	301	EP	1029	05.54	-0.14	1.0
DHUB	SZ	4818	306	EP	1029	06.62	0.56	1.0
COBR	BZ	4879	306	EP	1029	10.22	-0.27	1.0
JPG	BZ	4959	306	EP	1029	12.77	-3.45	1.0
BWNR	BZ	4971	297	EP	1029	16.18	-0.88	1.0
GTK	SZ	5007	307	EP	1029	21.58	1.75	1.0
BOKR	HZ	5097	301	EP	1029	24.63	-1.44	1.0
JMUI	BZ	5112	303	EP	1029	27.66	0.56	1.0
VISK	HZ	5145	292	EP	1029	27.90	-1.53	1.0
KNTI	BZ	5146	301	EP	1029	27.95	-1.61	1.0
RAGD	BZ	5176	294	EP	1029	32.65	1.03	1.0
STMR	BZ	5279	305	EP	1029	40.12	1.29	1.0
KNKR	BZ	5298	290	EP	1029	48.41	8.18	1.0
JGDP	HZ	5315	294	EP	1029	40.94	-0.45	1.0
MDRS	HZ	5373	285	EP	1029	47.07	1.70	1.0
VJD	BZ	5393	290	EP	1029	48.96	2.21	1.0
RAIP	HZ	5416	296	EP	1029	48.27	-0.10	1.0
VAR	BZ	5429	302	EP	1029	50.34	1.10	1.0
VLK	BZ	5433	305	EP	1029	50.90	1.44	1.0
GKPR	BZ	5448	304	EP	1029	51.06	0.56	1.0
ALBI	BZ	5543	302	EP	1029	55.74	-1.28	1.0
SALM	BZ	5572	283	EP	1029	58.08	-0.96	1.0
KOD	BZ	5630	281	EP	1030	03.34	0.02	1.0
HYB	HZ	5632	291	EP	1030	03.43	0.31	1.0
JBPL	HZ	5649	298	EP	1030	03.91	-0.34	1.0
BRCH	BZ	5650	304	EP	1030	05.10	0.81	1.0
KNL	HZ	5652	288	EP	1030	06.36	1.92	1.0
CHT	HZ	5653	281	EP	1030	03.42	-1.21	1.0
TRVM	HZ	5670	279	EP	1030	04.83	-0.84	1.0
ATP	HZ	5672	287	EP	1029	53.65	-12.2	0.0
LKN	BZ	5685	303	EP	1030	06.93	0.26	1.0
BNDA	BZ	5690	301	EP	1030	05.95	-1.01	1.0
CNWR	HZ	5713	297	EP	1030	10.27	1.64	1.0
KLBG	HZ	5809	290	EP	1030	13.20	-1.74	1.0
KDGU	HZ	5826	284	EP	1030	15.15	-1.05	1.0
JHNI	BZ	5853	301	EP	1030	17.01	-0.87	1.0
PTH	BZ	5860	306	EP	1030	16.88	-1.71	1.0
LGTI	BZ	5863	306	EP	1030	15.50	-3.28	1.0
BHPL	HZ	5898	297	EP	1030	21.66	0.73	1.0
MNGI	BZ	5944	284	EP	1030	23.52	-0.35	1.0
GUNA	BZ	5950	299	EP	1030	25.09	0.74	1.0
JOSI	BZ	5958	307	EP	1030	25.52	0.39	1.0
UNCH	BZ	6020	304	EP	1030	28.49	-0.39	1.0
MERT	BZ	6061	304	EP	1030	32.08	0.54	1.0
UTK	BZ	6065	307	EP	1030	33.47	1.52	1.0
BISR	BZ	6073	304	EP	1030	31.05	-1.31	1.0
DDI	HZ	6083	306	EP	1030	34.75	1.68	1.0
KAD	BZ	6086	290	EP	1030	33.74	0.46	1.0
JMIU	BZ	6087	304	EP	1030	31.05	-2.18	1.0
GOA	HZ	6093	287	EP	1030	32.41	-1.21	1.0
LDR	HZ	6094	304	EP	1030	33.47	-0.25	1.0
NDI	HZ	6098	304	EP	1030	34.57	0.56	1.0
MNC	HZ	6098	278	EP	1030	35.22	1.28	1.0
AYAN	BZ	6099	304	EP	1030	31.47	-2.56	1.0
NPL	BZ	6100	304	EP	1030	34.30	0.16	1.0
HNLY	BZ	6104	309	EP	1030	34.88	-0.16	1.0
NRLA	BZ	6115	304	EP	1030	35.13	0.02	1.0
UJWA	BZ	6123	304	EP	1030	35.40	-0.17	1.0

BHGR	BZ	6124	304	EP	1030	30.62-5.01	1.0
PTDI	HZ	6125	303	EP	1030	24.93-10.8	0.0
JHJR	BZ	6144	304	EP	1030	36.15-0.83	1.0
POO	HZ	6145	291	EP	1030	36.62-0.44	1.0
KUDL	HZ	6146	303	EP	1030	37.06-0.05	1.0
RTK	BZ	6184	304	EP	1030	38.44-1.13	1.0
SMLA	HZ	6195	307	EP	1030	41.29 0.75	1.0
CGRH	BZ	6214	306	EP	1030	43.81 2.32	1.0
BHK	BZ	6225	307	EP	1030	45.51 3.29	1.0
SDNR	BZ	6234	307	EP	1030	43.70 0.85	1.0
BOM	BZ	6260	291	EP	1030	44.23-0.13	1.0
AJM	BZ	6266	300	EP	1030	43.81-1.04	1.0
CHUR	HZ	6294	303	EP	1030	46.43-0.16	1.0
UDPR	BZ	6302	298	EP	1030	48.12 0.98	1.0
DHRM	HZ	6315	308	EP	1030	48.31 0.10	1.0
ALCI	BZ	6319	310	EP	1030	48.49-0.19	1.0
BHV	BZ	6388	294	EP	1030	51.47-1.08	1.0
SRGN	BZ	6448	304	EP	1030	56.97 0.60	1.0
BKNR	BZ	6449	302	EP	1030	55.72-0.71	1.0
JMU	BZ	6466	308	EP	1031	00.40 2.92	1.0
SRIN	BZ	6517	309	EP	1031	02.77 1.86	1.0
BARM	HZ	6558	299	EP	1030	58.65-4.59	1.0
JASL	BZ	6639	300	EP	1031	09.76 1.50	1.0

April 22 2023 Hour: 8:23 42.7 Lat: 5.87S Lon: 125.88E D: 50.0F Ag: NCS Distant
Magnitudes: 6.3MW NCS Rms: 1.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMBY	HZ	3832	292	EP		0830	23.83-1.76								0.0
PBA	HZ	4150	298	EP		0830	50.61 0.56								1.0
DGPR	HZ	4209	300	EP		0830	49.53-4.96								0.0
SAIH	SZ	4763	312	EP		0831	35.46-0.35								1.0
IMP	SZ	4849	316	EP		0831	39.58-2.39								1.0
LKP	SZ	4894	320	EP		0831	44.23-0.93								1.0
KOHI	SZ	4901	317	EP		0831	43.71-2.11								1.0
MOKO	SZ	4914	318	EP		0831	47.32 0.52								1.0
SILR	SZ	4935	315	EP		0831	48.87 0.83								1.0
BELO	SZ	4940	312	EP		0831	47.32-1.09								1.0
DIBR	SZ	4972	319	EP		0831	49.38-1.34								1.0
AGT	SZ	4999	313	EP		0831	52.48-0.14								1.0
ITAN	SZ	5034	318	EP		0831	55.57 0.39								1.0
SHL	HZ	5064	315	EP		0831	54.15-3.35								1.0
TEZP	SZ	5065	317	EP		0831	55.06-2.30								1.0
GUWA	SZ	5120	315	EP		0832	02.27 1.01								1.0
CAL	BZ	5158	309	EP		0832	06.82 2.91								1.0
TURA	SZ	5190	314	EP		0832	07.95 1.73								1.0
TAWA	SZ	5205	317	EP		0832	10.01 2.70								1.0
DHUB	SZ	5242	314	EP		0832	09.49-0.32								1.0
BWNR	BZ	5250	304	EP		0832	12.26 1.86								1.0
COBR	BZ	5303	314	EP		0832	14.93 0.86								1.0
JPG	BZ	5379	314	EP		0832	22.41 3.00								1.0
SHBG	BZ	5383	311	EP		0832	19.36-0.29								1.0
RAGD	BZ	5417	302	EP		0832	26.09 4.06								1.0
GTK	SZ	5439	314	EP		0832	23.93 0.19								1.0
MDRS	HZ	5467	293	EP		0832	25.13-0.32								1.0
JMUI	BZ	5482	310	EP		0832	27.74 1.25								1.0
KNTI	BZ	5484	308	EP		0832	26.09-0.58								1.0
JGDP	HZ	5543	301	EP		0832	29.36-1.35								1.0
VJD	BZ	5562	297	EP		0832	35.76 3.84								1.0
SALM	BZ	5629	290	EP		0832	37.98 1.46								1.0
KOD	BZ	5655	288	EP		0832	40.05 1.43								1.0
TRVM	HZ	5658	286	EP		0832	39.84 1.37								1.0
STMR	BZ	5673	311	EP		0832	41.09 1.61								1.0
BLSP	BZ	5680	304	EP		0832	40.56 0.57								1.0
RAIP	HZ	5683	303	EP		0832	36.89-3.26								1.0

VAR	BZ	5779	308	EP	0832	48.33	1.71										1.0
ATP	HZ	5786	294	EP	0832	44.42	-2.67										1.0
KNL	HZ	5790	295	EP	0832	44.42	-2.97										1.0
HYB	HZ	5806	297	EP	0832	47.19	-1.25										1.0
GKPR	BZ	5827	310	EP	0832	50.97	1.21										1.0
VLK	BZ	5827	311	EP	0832	50.51	0.70										1.0
ALBI	BZ	5885	308	EP	0832	54.17	0.54										1.0
KDGU	HZ	5890	290	EP	0832	53.02	-1.07										1.0
JBPL	HZ	5940	305	EP	0832	53.56	-3.77										1.0
CNWR	HZ	5977	303	EP	0832	57.86	-1.94										1.0
MNGI	BZ	6011	290	EP	0833	04.37	2.40										1.0
BNDA	BZ	6024	307	EP	0833	02.98	0.18										1.0
BRCH	BZ	6029	310	EP	0833	05.65	2.52										1.0
LKN	BZ	6046	309	EP	0833	02.30	-1.91										1.0
MNC	HZ	6069	284	EP	0833	06.62	0.90										1.0
SUPA	HZ	6126	293	EP	0833	08.62	-0.87										1.0
BHPL	HZ	6174	303	EP	0833	11.87	-0.74										1.0
JHNI	BZ	6175	306	EP	0833	12.86	0.23										1.0
GOA	HZ	6206	293	EP	0833	12.40	-2.22										1.0
KAD	BZ	6236	295	EP	0833	15.75	-0.84										1.0
GUNA	BZ	6250	305	EP	0833	18.47	0.96										1.0
GWAL	HZ	6250	307	EP	0833	15.07	-2.40										1.0
MUKT	HZ	6301	311	EP	0833	18.83	-2.19										1.0
POO	HZ	6315	297	EP	0833	22.37	0.69										1.0
BOM	BZ	6432	297	EP	0833	27.81	-1.18										1.0
BISR	BZ	6440	309	EP	0833	29.68	0.14										1.0
JMIU	BZ	6453	309	EP	0833	30.75	0.42										1.0
LDR	HZ	6460	309	EP	0833	30.23	-0.55										1.0
AYAN	BZ	6462	309	EP	0833	30.75	-0.20										1.0
UTK	BZ	6473	312	EP	0833	32.06	0.32										1.0
DDI	HZ	6482	311	EP	0833	31.83	-0.43										1.0
NRLA	BZ	6485	309	EP	0833	30.23	-2.13										1.0
UJWA	BZ	6486	309	EP	0833	33.85	1.41										1.0
BHGR	BZ	6489	309	EP	0833	27.81	-4.82										1.0
JHJR	BZ	6507	309	EP	0833	33.95	0.18										1.0
UDPR	BZ	6579	303	EP	0833	36.96	-1.37										1.0
AJM	BZ	6580	305	EP	0833	39.29	0.92										1.0
SMLA	HZ	6601	311	EP	0833	38.13	-1.78										1.0
BHV	BZ	6608	299	EP	0833	40.63	0.59										1.0
CGRH	BZ	6612	311	EP	0833	43.56	3.28										1.0
BHK	BZ	6634	312	EP	0833	43.05	1.36										1.0
SDNR	BZ	6644	312	EP	0833	42.13	-0.28										1.0
JODH	HZ	6716	305	EP	0833	45.73	-0.98										1.0
DHRM	HZ	6733	312	EP	0833	49.15	1.11										1.0
THN	BZ	6785	312	EP	0833	53.51	2.53										1.0
BKNR	BZ	6786	307	EP	0833	50.24	-0.72										1.0
SRGN	BZ	6816	309	EP	0833	51.96	-0.84										1.0
UDMP	HZ	6866	312	EP	0833	52.72	-3.22										1.0
JMU	BZ	6883	312	EP	0833	59.31	2.40										1.0
JASL	BZ	6942	304	EP	0834	00.96	0.55										1.0
SRIN	BZ	6954	313	EP	0834	05.41	4.06										1.0

April 22 2023 Hour: 15:27 1.6				Lat: 30.53N Lon: 80.57E D: 20.1				Ag: NCS Local							
Magnitudes: 2.4ML NCS				Rms: 0.5 secs											
STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JOSI	BZ	97	272	EPg		1527	19.43	0.47							1.0
JOSI	BE	97	272	ESg		1527	31.55	-0.05							1.0
JOSI	BE	97	272	IAML		1527	36.13			111	0.5				
JOSI	BN	97	272	IAML		1527	36.51			72	0.6				
PTH	BZ	111	199	EPg		1527	22.09	0.32							1.0
PTH	BE	111	199	ESg		1527	36.58	0.11							1.0
PTH	BE	111	199	IAML		1527	40.12			45	0.3				
PTH	BN	111	199	IAML		1527	41.77			40	0.1				
LGTI	BZ	134	200	EPg		1527	26.17	0.28							1.0

LGTI	BE	134	200	ESg	1527	43.11	-0.48										1.0
LGTI	BE	134	200	IAML	1527	50.59		24	0.3								
LGTI	BN	134	200	IAML	1527	50.98		26									
UTK	BZ	205	277	EPg	1527	36.42	-1.07										1.0
UTK	BN	205	277	ESg	1528	04.09	0.42										1.0
UTK	BN	205	277	IAML	1528	06.51		99	0.3								
UTK	BE	205	277	IAML	1528	06.94		138	0.4								
SMLA	HZ	331	282	E	1527	44.70											
SMLA	HE	331	282	E	1528	32.23											

April 22 2023 Hour: 17: 9 9.3

Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BWNR	BZ			EP		1715	03.34								
CMPI	HZ			EP		1715	05.88								
MDRS	HZ			EP		1714	54.31								
TRVM	HZ			EP		1715	07.46								
BELO	SZ			EP		1715	07.01								
DHUB	SZ			EP		1715	33.12								
DIBR	SZ			EP		1715	35.80								
GTK	SZ			EP		1715	48.97								
IMP	SZ			EP		1715	17.27								
KOHI	SZ			EP		1715	25.76								
MOKO	SZ			EP		1715	27.32								
SAIH	SZ			EP		1714	55.70								
SHL	HZ			EP		1715	25.21								
SILR	SZ			EP		1715	20.28								
TAWA	SZ			EP		1715	44.87								
TEZP	SZ			EP		1715	31.43								
TURA	SZ			EP		1715	29.79								
LKP	SZ			EP		1715	35.77								
AJM	BZ			EP		1716	41.96								
ALCI	BZ			EP		1717	20.65								
AYAN	BZ			EP		1716	42.27								
BHGR	BZ			EP		1716	40.68								
BHK	BZ			EP		1717	01.95								
BISR	BZ			EP		1716	39.96								
BKNR	BZ			EP		1717	04.38								
BLSP	BZ			EP		1715	34.78								
BNDA	BZ			EP		1716	07.26								
CGRH	BZ			EP		1717	00.02								
COBR	BZ			EP		1715	44.06								
GKPR	BZ			EP		1716	01.82								
JHNI	BZ			EP		1716	15.02								
JMIU	BZ			EP		1716	44.19								
JMU	BZ			EP		1717	21.64								
JMUI	BZ			EP		1715	38.38								
JOSI	BZ			EP		1716	46.06								
JPG	BZ			EP		1715	44.00								
KNKR	BZ			EP		1715	25.80								
LATR	BZ			EP		1715	46.62								
LDR	HZ			EP		1716	47.70								
LGTI	BZ			EP		1716	36.56								
VJD	BZ			EP		1715	08.02								
SALM	BZ			EP		1715	01.37								
SHBG	BZ			EP		1715	34.87								
VAR	BZ			EP		1715	57.27								
STMR	BZ			EP		1715	56.32								
MNGI	BZ			EP		1715	36.47								
VLK	BZ			EP		1716	07.88								
LKN	BZ			EP		1716	18.09								
PTH	BZ			EP		1716	35.90								
UDPR	BZ			EP		1716	37.33								
MERT	BZ			EP		1716	41.64								
NPL	BZ			EP		1716	43.58								

NDI	HZ	EP	1716	44.71
KAD	BZ	EP	1715	58.01
UJWA	BZ	EP	1716	43.67
NRLA	BZ	EP	1716	47.10
RTK	BZ	EP	1716	50.54
UTK	BZ	EP	1716	53.12
SDNR	BZ	EP	1717	01.27
SRGN	BZ	EP	1717	07.28
THN	BZ	EP	1717	15.87
SRIN	BZ	EP	1717	32.61
JGDP	HZ	EP	1715	14.83
RAIP	HZ	EP	1715	31.39
KNL	HZ	EP	1715	20.25
ATP	HZ	EP	1715	17.83
CHT	HZ	EP	1714	58.81
MYSR	HZ	EP	1715	16.51
BLRY	HZ	EP	1715	32.35
KDGU	HZ	EP	1715	25.47
JBPL	HZ	EP	1715	52.31
CNWR	HZ	EP	1715	56.99
MUKT	HZ	EP	1716	38.29
BARM	HZ	EP	1716	57.12
UDMP	HZ	EP	1717	20.85
HYB	HZ	EP	1715	28.10
BHPL	HZ	EP	1716	07.65
GOA	HZ	EP	1715	38.00
POO	HZ	EP	1716	06.91
MNC	HZ	EP	1715	38.62
DDI	HZ	EP	1716	51.63
SMLA	HZ	EP	1717	01.21
DHRM	HZ	EP	1717	11.25
AGT	SZ	EP	1715	13.26
PBA	HZ	EP	1713	00.18
DGPR	HZ	EP	1713	14.25

April 22 2023 Hour: 20:43 53.9 Lat: 25.83N Lon: 90.88E D: 10.0F Ag: NCS Local
Magnitudes: 3.2ML NCS 3.1MW NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TURA	SZ	75	243	EP		2044	06.08	0.12							1.0
TURA	SN	75	243	ES		2044	15.50	0.60							1.0
TURA	SE	75	243	IAML		2044	16.26			2438	0.2				
TURA	SN	75	243	IAML		2044	16.38			1832	0.2				
DHUB	SZ	92	284	EP		2044	07.53	-0.98							1.0
SHL	HZ	102	106	EP		2044	11.23	1.07							1.0
SHL	HN	102	106	ES		2044	23.60	1.38							1.0
TEZP	SZ	211	65	EP		2044	23.62	-0.84							1.0
TAWA	SZ	219	26	EP		2044	26.66	1.15							1.0
TAWA	SE	219	26	ES		2044	49.75	0.83							1.0
TAWA	SE	219	26	IAML		2044	52.92			423	0.2				
TAWA	SN	219	26	IAML		2044	53.08			407	0.3				
GTK	SZ	281	307	EP		2044	33.36	0.02							1.0
GTK	SE	281	307	ES		2045	02.66	0.11							1.0
GTK	SE	281	307	IAML		2045	07.01			527	0.1				
GTK	SN	281	307	IAML		2045	07.97			632	0.2				
KOHI	SZ	324	91	EP		2044	38.01	-0.63							1.0
IMP	SZ	328	109	EP		2044	38.47	-0.61							1.0
MOKO	SZ	368	81	EP		2044	43.50	-0.58							1.0
MOKO	SE	368	81	ES		2045	19.93	-1.31							1.0
MOKO	SN	368	81	IAML		2045	23.15			33	0.3				
MOKO	SE	368	81	IAML		2045	24.12			47	0.4				
SAIH	SZ	427	150	EP		2044	51.09	-0.33							1.0

April 22 2023 Hour: 21:19 47.7

Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NPL	BZ			EP		2124	46.69								
LDR	HZ			EP		2124	45.81								
NDI	HZ			EP		2124	46.84								
UJWA	BZ			EP		2124	45.18								
NRLA	BZ			EP		2124	48.96								
DDI	HZ			EP		2124	56.25								
MERT	BZ			EP		2124	46.56								
AYAN	BZ			EP		2124	43.48								
BISR	BZ			EP		2124	43.48								
MUKT	HZ			EP		2124	40.80								
PTH	BZ			EP		2124	40.22								
GWAL	HZ			EP		2124	25.38								
JHNI	BZ			EP		2124	18.19								
BRCH	BZ			EP		2124	20.37								
LKN	BZ			EP		2124	18.93								
UTK	BZ			EP		2124	55.50								
CGRH	BZ			EP		2125	05.36								
KNKR	BE			ES		2128	04.13								
SAIH	SE			ES		2127	13.73								
CHT	HE			ES		2127	15.47								
DGPR	HE			ES		2125	08.69								
SRIN	BZ			EP		2125	34.01								
JMU	BZ			EP		2125	25.03								
UDMP	HZ			EP		2125	21.87								
ALCI	BZ			EP		2125	25.23								
THN	BZ			EP		2125	19.40								
DHRM	HZ			EP		2125	15.98								
SRGN	BZ			EP		2125	08.93								
SDNR	BZ			EP		2125	06.42								
BHK	BZ			EP		2125	09.01								
BKNR	BZ			EP		2125	02.53								
SMLA	HZ			EP		2125	04.52								
BNDA	BZ			EP		2124	09.43								
TURA	SZ			EP		2123	33.74								
KOHI	SZ			EP		2123	27.96								
CHT	HZ			EP		2123	05.80								
SILR	SZ			EP		2123	22.98								
IMP	SZ			EP		2123	19.79								
JGDP	HZ			EP		2123	19.09								
VJD	BZ			EP		2123	11.59								
CAL	BZ			EP		2123	14.35								
BELO	SZ			EP		2123	11.26								
CMPI	HZ			EP		2123	11.03								
BWNR	BZ			EP		2123	05.05								
VISK	HZ			EP		2123	02.51								
SAIH	SZ			EP		2123	01.69								
DGPR	HZ			EP		2121	19.39								
AURD	HZ			EP		2123	43.74								
MOKO	SZ			EP		2123	33.87								
RAIP	HZ			EP		2123	33.46								
VLK	BZ			EP		2124	11.05								
GKPR	BZ			EP		2124	07.13								
STMR	BZ			EP		2124	01.20								
CNWR	HZ			EP		2123	55.88								
VAR	BZ			EP		2123	58.66								
GTK	SZ			EP		2123	54.38								
MNGI	BZ			EP		2123	31.28								
TAWA	SZ			EP		2123	48.26								
JPG	BZ			EP		2123	47.98								
DIBR	SZ			EP		2123	41.13								
COBR	BZ			EP		2123	43.30								

JMUI	BZ	EP	2123	41.39
TEZP	SZ	EP	2123	37.03
BLSP	BZ	EP	2123	37.99
DHUB	SZ	EP	2123	32.10
SHBG	BZ	EP	2123	40.66
BWNR	BE	ES	2127	24.75
VJD	BE	ES	2127	33.19
CMPI	HE	ES	2127	36.82
BELO	SN	ES	2127	36.07
CAL	BE	ES	2127	47.90
JGDP	HE	ES	2127	43.94
IMP	SE	ES	2127	59.56
AGT	SN	ES	2127	44.43
SILR	SE	ES	2128	04.62
KOHI	SE	ES	2128	07.44
AGT	SZ	EP	2123	19.42
GTK	SN	ES	2128	49.28
MOKO	SN	ES	2128	11.66
TAWA	SE	ES	2128	36.49
TEZP	SN	ES	2128	32.08
TURA	SE	ES	2128	12.93
AJM	BZ	EP	2124	44.44
AJM	BE	ES	2130	16.32
ALCI	BN	ES	2131	29.41
BISR	BE	ES	2133	28.56
BLSP	BE	ES	2128	20.15
BNDA	BE	ES	2129	11.58
BRCH	BE	ES	2129	36.09
GKPR	BE	ES	2129	12.10
PTH	BE	ES	2130	09.23
SHBG	BE	ES	2128	23.09
KNKR	BZ	EP	2123	24.23
ASIV	HZ	EP	2123	46.30
ASIV	HE	ES	2128	33.85
AURD	HE	ES	2128	28.76
RAIP	HE	ES	2128	11.99
BHPL	HZ	EP	2124	12.01

April 22 2023 Hour: 21:20 18.1

Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AGT	SZ			EP		2123	19.06								
AGT	SE			ES		2127	43.98								
BELO	SZ			EP		2123	13.06								
BELO	SN			ES		2127	37.69								
DHUB	SZ			EP		2123	38.79								
DIBR	SZ			EP		2123	41.94								
GTK	SZ			EP		2123	53.69								
GTK	SE			ES		2128	49.96								
IMP	SZ			EP		2123	21.13								
IMP	SE			ES		2127	59.68								
KOHI	SZ			EP		2123	28.91								
KOHI	SE			ES		2128	14.84								
MOKO	SZ			EP		2123	31.26								
MOKO	SE			ES		2128	10.66								
SAIH	SZ			EP		2123	02.63								
SAIH	SE			ES		2127	19.89								
SHL	HZ			EP		2123	30.14								
SHL	HE			ES		2128	06.74								
SILR	SZ			EP		2123	22.89								
SILR	SE			ES		2128	04.75								
TAWA	SZ			EP		2123	49.52								
TAWA	SE			ES		2128	37.26								
TEZP	SZ			EP		2123	37.03								
TEZP	SN			ES		2128	33.73								

TURA	SZ	EP	2123	33.42
TURA	SE	ES	2128	11.38
AJM	BZ	EP	2124	46.08
ALCI	BE	ES	2131	27.94
AYAN	BZ	EP	2124	46.35
BHK	BZ	EP	2125	10.52
BISR	BZ	EP	2124	45.23
BKNR	BZ	EP	2125	02.36
BLSP	BZ	EP	2123	39.05
BLSP	BE	ES	2128	18.69
BNDA	BZ	EP	2124	10.96
BOM	BZ	EP	2124	15.69
BRCH	BZ	EP	2124	20.52
BRCH	BE	ES	2129	35.98
BWNR	BZ	EP	2123	06.97
BWNR	BE	ES	2127	27.69
CAL	BE	ES	2127	49.36
CGRH	BZ	EP	2125	03.78
COBR	BZ	EP	2123	42.94
GKPR	BZ	EP	2124	07.64
GKPR	BE	ES	2129	10.87
JASL	BZ	EP	2125	10.56
JHNI	BZ	EP	2124	18.39
JMIU	BZ	EP	2124	46.14
JMU	BZ	EP	2125	24.84
JMUI	BZ	EP	2123	42.48
JMUI	BE	ES	2128	25.12
JOSI	BZ	EP	2124	50.03
JOSI	BE	ES	2130	26.79
JPG	BZ	EP	2123	49.62
KNKR	BZ	EP	2123	29.38
KNKR	BE	ES	2128	05.14
LATR	BZ	EP	2123	48.83
LATR	BE	ES	2128	36.02
LDR	HZ	EP	2124	47.09
LGTI	BZ	EP	2124	39.97
LGTI	BE	ES	2130	06.66
LKN	BZ	EP	2124	19.30
MERT	BZ	EP	2124	46.68
MNGI	BZ	EP	2123	34.91
NDI	HZ	EP	2124	47.04
NPL	BZ	EP	2124	46.54
PTH	BZ	EP	2124	40.31
PTH	BE	ES	2130	09.23
SALM	BZ	EP	2123	04.46
SALM	BN	ES	2127	20.67
SDNR	BZ	EP	2125	06.49
SHBG	BZ	EP	2123	41.83
SHBG	BN	ES	2128	26.90
SRGN	BZ	EP	2125	10.36
STMR	BZ	EP	2124	02.47
THN	BZ	EP	2125	19.11
UDPR	BZ	EP	2124	38.96
UJWA	BZ	EP	2124	45.90
UTK	BZ	EP	2124	54.78
VAR	BZ	EP	2123	58.69
VJD	BZ	EP	2123	12.68
VJD	BE	ES	2127	32.20
VLK	BZ	EP	2124	12.80
VLK	BE	ES	2129	17.34
ASIV	HZ	EP	2123	49.58
ASIV	HE	ES	2128	31.96
ATP	HE	ES	2127	42.10
AURD	HZ	EP	2123	44.18

AURD	HE	ES	2128	29.04
BLRY	HZ	EP	2123	32.59
BLRY	HN	ES	2128	12.20
CHT	HZ	EP	2123	06.21
CHT	HN	ES	2127	16.65
CHUR	HZ	EP	2124	55.84
GWAL	HZ	EP	2124	24.75
JODH	HZ	EP	2124	52.15
KNL	HZ	EP	2123	24.97
KNL	HE	ES	2127	51.20
MUKT	HZ	EP	2124	40.95
MUKT	HE	ES	2130	11.91
RAIP	HZ	EP	2123	34.07
RAIP	HE	ES	2128	13.15
SLPR	HZ	EP	2123	48.50
UDMP	HZ	EP	2125	23.33
BHPL	HZ	EP	2124	10.83
DDI	HZ	EP	2124	55.36
DHRM	HZ	EP	2125	14.37
GOA	HZ	EP	2123	52.97
HYB	HZ	EP	2123	27.87
HYB	HE	ES	2128	05.24
MDRS	HZ	EP	2122	52.40
MDRS	HE	ES	2127	00.05
SMLA	HZ	EP	2125	02.67
TRVM	HZ	EP	2123	02.40
TRVM	HE	ES	2127	12.71
VISK	HZ	EP	2123	02.29

April 22 2023 Hour: 23:33 20.8

Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AGT	SZ			EP		2339	21.47								
BELO	SZ			EP		2339	14.99								
DHUB	SZ			EP		2339	40.68								
GTK	SZ			EP		2339	58.51								
IMP	SZ			EP		2339	20.80								
KOHI	SZ			EP		2339	29.09								
KOHI	SE			ES		2344	12.66								
MOKO	SZ			EP		2339	35.16								
MOKO	SE			ES		2344	07.17								
SAIH	SZ			EP		2339	04.57								
SAIH	SE			ES		2343	19.94								
SHL	HZ			EP		2339	32.95								
SHL	HE			ES		2344	03.66								
SILR	SZ			EP		2339	25.45								
TAWA	SZ			EP		2339	47.68								
TEZP	SZ			EP		2339	37.68								
BWNR	BZ			EP		2338	44.01								
JOSI	BZ			EP		2340	51.48								
JOSI	BE			ES		2346	29.21								
JASL	BZ			EP		2341	13.47								
JMIU	BZ			EP		2340	47.04								
LDR	HZ			EP		2340	49.71								
MNGI	BZ			EP		2339	45.10								
NDI	HZ			EP		2340	29.99								
NPL	BZ			EP		2340	50.00								
SALM	BZ			EP		2339	06.62								
UTK	BZ			EP		2340	57.88								
VJD	BZ			EP		2339	15.86								
VLK	BZ			EP		2340	11.51								
CMPI	HZ			EP		2339	13.64								
CHT	HZ			EP		2339	07.12								
DDI	HZ			EP		2340	59.71								
DHRM	HZ			EP		2341	20.01								

MDRS	HZ		EP	2339	07.89
SMLA	HZ		EP	2341	03.08
TRVM	HZ		EP	2339	04.17

April 23 2023 Hour: 0: 3 17.1

Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GTK	SZ			EP		0004	11.77								

April 23 2023 Hour: 7:27 34.9

Lat: 28.85N Lon: 80.92E D: 10.0F

Ag: NCS Local

Magnitudes: 3.2ML NCS

Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LGTI	BZ	101	307	EP		0727	51.01	-0.13							1.0
LGTI	BE	101	307	ES		0728	02.84	-0.30							1.0
LGTI	BN	101	307	IAML		0728	05.91			1541	0.3				
LGTI	BE	101	307	IAML		0728	08.62			1071	0.3				
PTH	BZ	107	320	EP		0727	52.10	0.02							1.0
PTH	BN	107	320	ES		0728	04.02	-0.75							1.0
PTH	BN	107	320	IAML		0728	04.58			290	0.2				
PTH	BE	107	320	IAML		0728	05.26			302	0.2				
JOSI	BZ	231	325	EP		0728	07.25	-0.97							1.0
JOSI	BE	231	325	ES		0728	33.76	0.91							1.0
JOSI	BE	231	325	IAML		0728	34.72			305	0.3				
JOSI	BN	231	325	IAML		0728	36.20			452	0.7				
UTK	BZ	318	312	EP		0728	19.41	0.51							1.0
UTK	BN	318	312	ES		0728	52.16	0.72							1.0
UTK	BE	318	312	IAML		0729	03.24			365	0.6				
UTK	BN	318	312	IAML		0729	03.25			214	0.6				

April 23 2023 Hour: 9: 2 15.9

Lat: 39.40N Lon: 79.70E D: 10.0F

Ag: NCS Local

Magnitudes: 3.8ML NCS

Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	617	202	EP		0903	36.81	0.07							1.0
ALCI	BN	617	202	ES		0904	36.55	-0.01							1.0
ALCI	BE	617	202	IAML		0905	16.87			54	0.4				
ALCI	BN	617	202	IAML		0905	17.34			59	0.4				
DHRM	HZ	850	202	EP		0904	04.81	0.52							1.0
DHRM	HN	850	202	ES		0905	24.68	0.17							1.0
DHRM	HN	850	202	IAML		0905	32.40			525	0.4				
DHRM	HE	850	202	IAML		0905	34.50			530	0.4				
SDNR	BZ	909	197	EP		0904	10.31	-0.74							1.0
SDNR	BN	909	197	ES		0905	35.94	-0.33							1.0
SDNR	BN	909	197	IAML		0905	44.55			15	0.8				
SDNR	BE	909	197	IAML		0905	54.98			13	0.7				
UTK	BZ	968	187	EP		0904	18.22	0.14							1.0
UTK	BN	968	187	ES		0905	48.67	0.18							1.0
UTK	BN	968	187	IAML		0905	54.31			356	0.6				
UTK	BE	968	187	IAML		0905	56.35			653	0.3				

April 23 2023 Hour: 10: 3 36.4

Lat: 25.44N Lon: 90.82E D: 5.0F

Ag: NCS Local

Magnitudes: 3.9ML NCS

Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TURA	SZ	61	278	EP		1003	46.69	0.46							1.0
TURA	SE	61	278	ES		1003	53.90	0.37							1.0
TURA	SE	61	278	IAML		1003	55.75			14176	0.2				
TURA	SN	61	278	IAML		1003	55.83			8920	0.3				
SHL	HZ	105	82	EP		1003	53.79	0.54							1.0
DHUB	SZ	105	308	EP		1003	52.93	-0.36							1.0
TEZP	SZ	237	56	EP		1004	09.95	-0.72							1.0
TAWA	SZ	260	23	EP		1004	13.37	-0.21							1.0
TAWA	SE	260	23	ES		1004	41.67	0.54							1.0
TAWA	SE	260	23	IAML		1004	44.16			6135	0.3				
TAWA	SN	260	23	IAML		1004	44.39			8455	0.2				
AZL	SZ	267	135	EP		1004	14.62	0.05							1.0
AZL	SN	267	135	ES		1004	43.33	0.49							1.0

AZL	SE	267	135	IAML	1004	43.89		622	0.4	
AZL	SN	267	135	IAML	1004	46.09		472	0.3	
GTK	SZ	304	314	EP	1004	18.26-0.92				1.0
GTK	SN	304	314	ES	1004	51.17	0.30			1.0
GTK	SE	304	314	IAML	1004	51.45		224	0.3	
GTK	SN	304	314	IAML	1004	51.81		305	0.1	
KOHI	SZ	331	84	EP	1004	21.99-0.58				1.0
MOKO	SZ	382	74	EP	1004	29.60	0.68			1.0
SAIH	SZ	394	146	EP	1004	29.75-0.64				1.0

April 23 2023 Hour: 11:22 41.8 Lat: 36.46N Lon: 71.77E D: 10.0F Ag: NCS Local
Magnitudes: 4.0ML NCS Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	499	141	EP		1123	48.56	0.49							1.0
UDMP	HE	499	141	ES		1124	37.34	0.26							1.0
UDMP	HE	499	141	IAML		1124	42.21			703	0.5				
UDMP	HN	499	141	IAML		1124	42.24			818	0.3				
ALCI	BZ	551	115	EP		1123	54.93	0.23							1.0
ALCI	BN	551	115	ES		1124	48.55-0.06								1.0
ALCI	BN	551	115	IAML		1124	55.22			122	0.2				
ALCI	BE	551	115	IAML		1124	55.25			200	0.3				
THN	BZ	579	139	EP		1123	57.32-0.50								1.0
DHRM	HZ	626	137	EP		1124	03.38-0.24								1.0
DHRM	HE	626	137	ES		1125	03.94-0.19								1.0
DHRM	HE	626	137	IAML		1125	08.94			535	0.1				
DHRM	HN	626	137	IAML		1125	12.33			1095	0.3				

April 23 2023 Hour: 16:27 52.7 Lat: 30.39N Lon: 70.98E D: 10.0F Ag: NCS Regional
Magnitudes: 4.6ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BN	452	53	EP		1628	52.82-0.29								1.0
JMU	BE	452	53	ES		1629	38.33	0.49							1.0
JMU	BN	452	53	IAML		1629	59.43			1612	1.0				
JMU	BE	452	53	IAML		1630	01.08			936	0.3				
UDMP	HZ	483	53	EP		1628	56.56-0.34								1.0
UDMP	HN	483	53	ES		1629	45.64	1.20							1.0
UDMP	HE	483	53	IAML		1630	08.40			6208	0.4				
UDMP	HN	483	53	IAML		1630	09.90			4096	0.8				
JODH	HZ	501	156	EP		1628	58.94-0.11								1.0
JODH	HN	501	156	ES		1629	50.24	2.06							1.0
JODH	HE	501	156	IAML		1629	53.35			6270	0.4				
JODH	HN	501	156	IAML		1629	53.88			5619	0.2				
DHRM	HZ	547	67	EP		1629	05.07	0.20							1.0
SMLA	HZ	598	81	EP		1629	11.19	0.14							1.0
SMLA	HN	598	81	ES		1630	09.88	0.82							1.0
SMLA	HE	598	81	IAML		1630	14.76			2238	0.5				
SMLA	HN	598	81	IAML		1630	14.95			4126	0.2				
NPL	BZ	631	106	EP		1629	13.60-1.19								1.0
NDI	HZ	633	106	EP		1629	13.98-1.06								1.0
NDI	HN	633	106	ES		1630	15.44-0.56								1.0
AYAN	BZ	633	108	EP		1629	13.97-1.08								1.0
AYAN	BE	633	108	ES		1630	15.38-0.64								1.0
BISR	BZ	658	106	EP		1629	17.31-0.77								1.0
UDPR	BZ	698	157	EP		1629	23.93	0.95							1.0
UDPR	BE	698	157	ES		1630	29.78-0.04								1.0
UDPR	BE	698	157	IAML		1630	33.25			2002	0.3				
UDPR	BN	698	157	IAML		1630	34.80			1937	0.6				
UTK	BZ	717	85	EP		1629	25.59	0.28							1.0
UTK	BN	717	85	ES		1630	34.95	1.07							1.0
ALCI	BZ	722	52	EP		1629	26.35	0.27							1.0
JOSI	BZ	824	87	EP		1629	37.84-0.10								1.0
JOSI	BN	824	87	ES		1630	55.78-0.08								1.0
MUKT	HZ	844	95	EP		1629	40.36	0.04							1.0
MUKT	HN	844	95	ES		1630	59.57-0.42								1.0

MOKO	SZ10110	299	EP	0055	40.67-0.38	1.0
KOHI	SZ10111	299	EP	0055	40.36-0.76	1.0
AZL	SZ10125	296	EP	0055	40.68-0.99	1.0
DIBR	SZ10141	300	EP	0055	41.81-0.32	1.0
SILR	SZ10173	297	EP	0055	44.83 1.35	1.0
BELO	SZ10208	295	EP	0055	47.60 2.60	1.0
ITAN	SZ10224	300	EP	0055	45.62 0.02	1.0
AGT	SZ10261	296	EP	0055	48.91 1.74	1.0
TEZP	SZ10274	299	EP	0055	45.01-2.66	1.0
SHL	HZ10299	297	EP	0055	47.77-1.18	1.0
TAWA	SZ10408	299	EP	0055	53.58 0.36	1.0
CAL	BZ10450	293	EP	0055	54.63-0.38	1.0
DHUB	SZ10486	297	EP	0055	53.65-2.77	1.0
BWNR	BZ10562	290	EP	0055	58.43-1.20	1.0
JPG	BZ10627	297	EP	0056	02.73 0.56	1.0
SHBG	BZ10654	295	EP	0056	03.48 0.19	1.0
VISK	HZ10666	287	EP	0056	04.01 0.09	1.0
GTK	SZ10677	298	EP	0056	03.91-0.48	1.0
MDRS	HZ10729	281	EP	0056	06.84 0.30	1.0
RAGD	BZ10731	288	EP	0056	08.28 1.72	1.0
TRVM	HZ10819	276	EP	0056	08.05-2.18	1.0
SALM	BZ10859	279	EP	0056	12.98 1.13	1.0
VJD	BZ10860	285	EP	0056	14.11 2.33	1.0
STMR	BZ10941	296	EP	0056	17.48 2.65	1.0
KOCH	HZ10947	277	EP	0056	12.26-2.57	1.0
BLSP	BZ10991	290	EP	0056	17.99 1.34	1.0
VAR	BZ11072	293	EP	0056	20.09 0.25	1.0
KNL	HZ11073	283	EP	0056	20.56 0.64	1.0
VLK	BZ11095	296	EP	0056	21.38 0.63	1.0
GKPR	BZ11104	295	EP	0056	18.66-2.46	1.0
HYB	HZ11104	284	EP	0056	23.12 1.95	1.0
KDGU	HZ11119	279	EP	0056	22.42 0.60	1.0
MNC	HZ11191	274	EP	0056	25.21 0.66	1.0
BRCH	BZ11307	295	EP	0056	29.38 0.16	1.0
BNDA	BZ11324	293	EP	0056	29.52-0.37	1.0
LKN	BZ11334	294	EP	0056	27.00-3.30	1.0
GOA	HZ11466	281	EP	0056	34.34-1.22	1.0
BHPL	HZ11487	289	EP	0056	42.43 5.97	1.0
KAD	BZ11518	283	EP	0056	38.76 1.06	1.0
POO	HZ11607	284	EP	0056	34.34-6.91	1.0
JOSI	BZ11626	297	EP	0056	41.14-1.12	1.0
ASOR	BZ11705	295	EP	0056	43.94-1.15	1.0
BOM	BZ11723	283	EP	0056	47.21 1.41	1.0
UTK	BZ11731	297	EP	0056	46.27-0.06	1.0
LDR	HZ11747	294	EP	0056	46.54-0.23	1.0
DDI	HZ11748	296	EP	0056	46.48-0.42	1.0
AYAN	BZ11750	294	EP	0056	49.74 2.81	1.0
RTK	BZ11838	294	EP	0056	50.99 0.55	1.0
SMLA	HZ11861	297	EP	0056	42.43-9.25	0.0
CGRH	BZ11879	296	EP	0056	49.41-2.65	1.0
AJM	BZ11888	291	EP	0056	52.64 0.19	1.0
UDPR	BZ11892	289	EP	0056	53.87 1.22	1.0
BHK	BZ11893	297	EP	0056	55.95 3.32	1.0
SDNR	BZ11901	297	EP	0056	57.59 4.52	1.0
ALCI	BZ11989	300	EP	0056	57.19 0.25	1.0
JODH	HZ12026	291	EP	0056	53.53-4.39	1.0
THN	BZ12036	298	EP	0056	58.44 0.06	1.0
VRVL	HZ12048	284	EP	0056	58.48-0.30	1.0
BKNR	BZ12086	293	EP	0056	57.75-2.59	1.0
UDMP	HZ12114	298	EP	0057	02.22 0.68	1.0
JMU	BZ12135	298	EP	0057	03.41 1.12	1.0
SRIN	BZ12187	299	EP	0057	03.04-1.56	1.0

April 24 2023 Hour: 2:17 25.3 Lat: 25.25N Lon: 90.88E D: 5.0F Ag: NCS Local
Magnitudes: 3.6ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TURA	SZ	73	294	EP		0217	37.53	0.49							1.0
SHL	HZ	104	70	EP		0217	43.46	1.37							1.0
DHUB	SZ	123	314	EP		0217	44.81	-0.24							1.0
TEZP	SZ	245	51	EP		0217	59.06	-1.54							1.0
AZL	SZ	248	132	EP		0218	00.56	-0.58							1.0
AZL	SN	248	132	ES		0218	27.90	0.24							1.0
AZL	SE	248	132	IAML		0218	34.42			493	0.3				
AZL	SN	248	132	IAML		0218	36.44			282	0.1				
TAWA	SZ	278	20	EP		0218	04.94	0.21							1.0
KOHI	SZ	328	80	EP		0218	11.33	0.17							1.0
KOHI	SN	328	80	ES		0218	44.97	-0.12							1.0
KOHI	SE	328	80	IAML		0218	47.90			863	0.4				
KOHI	SN	328	80	IAML		0218	48.84			954	0.3				

April 24 2023 Hour: 8:25 34.6 Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GTK	SZ	73	328	EP		0825	45.93	-0.53							1.0
GTK	SN	73	328	ES		0825	55.38	0.15							1.0
DHUB	SZ	129	129	EP		0825	54.95	-0.45							1.0
DHUB	SZ	129	129	ES		0826	09.50	-1.29							1.0
TURA	SZ	184	138	EP		0826	03.97	0.98							1.0
TURA	SN	184	138	ES		0826	25.13	1.14							1.0
GUWA	SZ	276	103	EP		0826	13.61	-0.71							1.0
GUWA	SN	276	103	ES		0826	43.23	-0.47							1.0
SHL	HZ	315	114	EP		0826	19.32	0.00							1.0
TEZP	SN	379	92	ES		0827	07.10	1.17							1.0

April 24 2023 Hour: 10:58 37.0 Lat: 9.40N Lon: 94.04E D:126.7 Ag: NCS Local
Magnitudes: 4.6MW NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMBY	HZ	245	183	EP		1059	14.16	0.89							1.0
CMBY	HN	245	183	ES		1059	40.78	-0.74							1.0
DGPR	HE	435	344	ES		*1100	28.66	7.43							0.0
BWNR	BZ	1491	325	EP		*1101	44.48	2.48							0.0
BWNR	BE	1491	325	ES		*1104	01.70	-11.0							0.0
MDRS	HZ	1565	286	EP		1101	50.32	-0.20							1.0
MDRS	HN	1565	286	ES		*1104	09.62	-16.7							0.0
AZL	SZ	1593	355	EP		1101	53.65	-0.24							1.0
KOHI	SZ	1806	0	EP		1102	18.02	0.21							1.0
KOD	BZ	1821	274	EP		1102	20.26	0.74							1.0
KOD	BN	1821	274	ES		*1105	07.87	-14.2							0.0
MOKO	SZ	1874	1	EP		1102	27.32	1.92							0.9
DHUB	SZ	1889	347	EP		1102	25.68	-1.02							1.0
TEZP	SZ	1910	356	EP		1102	28.80	-0.06							1.0
TAWA	SZ	2027	354	EP		1102	40.37	-0.02							1.0
GTK	SZ	2064	345	EP		1102	43.03	-1.19							1.0
KAD	BZ	2320	294	EP		1103	08.98	0.00							1.0

April 24 2023 Hour: 19:18 28.2 Lat: 27.25N Lon: 88.30E D: 10.0F Ag: NCS Local
Magnitudes: 2.5ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GTK	SZ	31	76	EP		1918	33.34	-0.10							1.0
GTK	SE	31	76	ES		1918	36.35	-0.99							1.0
GTK	SN	31	76	IAML		1918	36.73			1299	0.3				
GTK	SE	31	76	IAML		1918	38.30			2585	0.2				
DHUB	SZ	217	129	EP		1918	58.63	-0.93							1.0
TURA	SZ	272	135	EP		1919	05.81	-0.57							1.0
TURA	SE	272	135	ES		1919	35.27	0.62							1.0
TURA	SE	272	135	IAML		1919	35.71			32	0.2				
TURA	SN	272	135	IAML		1919	36.00			37	0.2				

TAWA	SZ	355	83	EP	1919	17.87	1.20										1.0
TAWA	SN	355	83	ES	1919	53.33	0.77										1.0
TAWA	SE	355	83	IAML	1920	00.90				12	0.3						
TAWA	SN	355	83	IAML	1920	02.59				22	0.5						

April 24 2023 Hour: 20: 0 21.5

Ag: Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BOKR	HZ			EP		2006	40.40								
DDI	HZ			EP		2008	04.70								
GOA	HZ			EP		2007	00.35								
HYB	HZ			EP		2006	36.41								
MDRS	HZ			EP		2006	03.49								
SHL	HZ			EP		2006	36.41								
TRVM	HZ			EP		2006	03.99								
VISK	HZ			EP		2006	08.48								
SMLA	HZ			EP		2008	10.68								
DHRM	HZ			EP		2008	22.16								
BHPL	HZ			EP		2007	13.82								
DGPR	HZ			EP		2004	26.03								
PBA	HZ			EP		2004	12.07								
POO	HZ			EP		2007	06.01								
MNC	HZ			EP		2006	47.95								
AZL	SZ			EP		2006	20.63								
BELO	SZ			EP		2006	19.70								
DHUB	SZ			EP		2006	46.06								
DIBR	SZ			EP		2006	49.76								
GTK	SZ			EP		2007	01.33								
IMP	SZ			EP		2006	32.19								
KOHI	SZ			EP		2006	37.74								
LKP	SZ			EP		2006	45.60								
MOKO	SZ			EP		2006	44.21								
SAIH	SZ			EP		2006	08.60								
SILR	SZ			EP		2006	31.26								
TAWA	SZ			EP		2006	56.70								
TEZP	SZ			EP		2006	46.53								
TURA	SZ			EP		2006	39.12								
AJM	BZ			EP		2007	52.05								
ASOR	BZ			EP		2007	51.43								
ALCI	BZ			EP		2008	32.14								
AYAN	BZ			EP		2007	53.31								
BHK	BZ			EP		2008	15.54								
BISR	BZ			EP		2007	52.37								
BKNR	BZ			EP		2008	08.34								
BLSP	BZ			EP		2006	45.03								
BNDA	BZ			EP		2007	15.72								
BOM	BZ			EP		2007	23.55								
BRCH	BZ			EP		2007	27.00								
BWNR	BZ			EP		2006	14.65								
CAL	BZ			EP		2006	21.85								
COBR	BZ			EP		2006	51.29								
CGRH	BZ			EP		2008	15.54								
GKPR	BZ			EP		2007	12.59								
JASL	BZ			EP		2008	17.42								
JMIU	BZ			EP		2007	52.37								
JMUI	BZ			EP		2006	48.16								
JPG	BZ			EP		2006	56.30								
JOSI	BZ			EP		2007	55.50								
JMU	BZ			EP		2008	31.62								
AMRT	HZ			EP		2008	23.23								
ATP	HZ			EP		2006	31.89								
BLRY	HZ			EP		2006	41.74								
BARM	HZ			EP		2008	12.21								
CHT	HZ			EP		2006	15.07								
CMPI	HZ			EP		2006	20.29								

CHUR	HZ	EP	2008	00.03
FBD	HZ	EP	2007	51.91
CNWR	HZ	EP	2007	02.62
GWAL	HZ	EP	2007	31.61
INDR	HZ	EP	2007	24.66
JBPL	HZ	EP	2007	06.68
JGDP	HZ	EP	2006	30.73
JODH	HZ	EP	2008	05.25
KDGU	HZ	EP	2006	41.74
KNL	HZ	EP	2006	32.47
KOCH	HZ	EP	2006	25.51
MUKT	HZ	EP	2007	51.91
PALG	HZ	EP	2007	31.03
RAIP	HZ	EP	2006	41.74
SLPR	HZ	EP	2006	56.82
UDMP	HZ	EP	2008	30.76
VRVL	HZ	EP	2007	54.27
PTDI	HZ	EP	2008	00.35
AGT	SZ	EP	2006	24.79
SRAT	HZ	EP	2007	35.30

April 24 2023 Hour: 20:15 4.2 Lat: 23.77N Lon: 90.57E D: 29.2 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
AGT	SZ	71	79	EP		2015	16.01	0.18							1.0
AGT	SN	71	79	ES		2015	25.89	1.47							1.0
AGT	SE	71	79	IAML		2015	26.22		49682		0.2				
BELO	SZ	107	122	EP		2015	20.05	-0.30							1.0
BELO	SN	107	122	ES		2015	32.77	0.48							1.0
BELO	SN	107	122	IAML		2015	33.14		13716		0.2				
TURA	SZ	197	350	EP		2015	31.07	-0.44							1.0
TURA	SN	197	350	ES		2015	51.39	-0.33							1.0
TURA	SE	197	350	IAML		2015	51.93		620		0.0				
TURA	SN	197	350	IAML		2015	52.35		591		0.3				
AZL	SZ	217	90	EP		2015	33.88	-0.18							1.0
AZL	SN	217	90	ES		2015	56.04	-0.11							1.0
AZL	SN	217	90	IAML		2015	57.29		724		0.3				
AZL	SE	217	90	IAML		2015	58.05		634		0.2				
SHL	HZ	238	33	EP		2015	35.26	-1.53							1.0
DHUB	SZ	256	347	EP		2015	38.37	-0.47							1.0
GTK	SZ	440	334	EP		2016	02.54	0.84							1.0
GTK	SN	440	334	ES		2016	45.83	1.59							1.0
GTK	SN	440	334	IAML		2016	46.65		1164		0.2				
GTK	SE	440	334	IAML		2016	47.12		1522		0.2				
LKP	SZ	661	52	EP		2016	27.21	-1.19							1.0

April 24 2023 Hour: 20:42 15.8 Lat: 25.35N Lon: 95.50E D: 98.0 Ag: NCS Local
Magnitudes: 3.3ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MOKO	SZ	146	318	EP		2042	40.15	1.42							1.0
MOKO	SN	146	318	IAML		2042	55.50		247		0.2				
KOHI	SZ	146	286	EP		2042	37.67	-1.06							1.0
MOKO	SN	146	318	ES		2042	54.98	-0.70							1.0
MOKO	SE	146	318	IAML		2042	55.17		253		0.3				
KOHI	SE	146	286	ES		2042	57.02	1.33							1.0
KOHI	SE	146	286	IAML		2042	58.11		501		0.2				
KOHI	SN	146	286	IAML		2042	58.74		442		0.3				
IMP	SZ	167	250	EP		2042	40.67	-0.30							1.0
IMP	SN	167	250	ES		2042	58.95	-0.64							1.0
IMP	SN	167	250	IAML		2043	00.80		433		0.2				
IMP	SE	167	250	IAML		2043	00.90		103		0.4				
CMPI	HZ	303	228	EP		2042	56.37	-0.06							1.0
CMPI	HE	303	228	ES		2043	26.60	0.12							1.0
CMPI	HN	303	228	IAML		2043	27.28		61		0.5				

CMPI	HE	303	228	IAML	2043	28.59			180	0.2					
TEZP	SZ	305	298	EP	2042	55.83	-0.64								1.0
TEZP	SN	305	298	ES	2043	25.68	-0.87								1.0
TEZP	SN	305	298	IAML	2043	26.67			1152	0.2					
SAIH	SZ	408	219	EP	2043	08.42	-0.20								1.0
SAIH	SE	408	219	ES	2043	48.31	0.62								1.0
SAIH	SN	408	219	IAML	2043	48.84			123	0.3					
SAIH	SE	408	219	IAML	2043	49.47			370	0.2					
TAWA	SZ	439	305	EP	2043	12.45	0.23								1.0
TAWA	SN	439	305	ES	2043	54.71	0.75								1.0
TAWA	SE	439	305	IAML	2043	57.56			625	0.3					
TAWA	SN	439	305	IAML	2043	58.35			915	0.3					

April 25 2023 Hour: 18:34 7.6 Lat: 39.83N Lon: 74.52E D: 32.6 Ag: NCS Local
Magnitudes: 4.2ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	667	158	EP		1835	32.53	-0.05							1.0
ALCI	BN	667	158	ES		1836	36.50	1.04							1.0
UDMP	HZ	769	176	EP		1835	44.41	0.03							1.0
UDMP	HE	769	176	ES		1836	55.32	-0.67							1.0
UDMP	HE	769	176	IAML		1836	56.02			242	0.3				
UDMP	HN	769	176	IAML		1836	56.89			232	0.2				
JMU	BZ	783	178	EP		1835	46.90	1.00							1.0
JMU	BE	783	178	ES		1836	59.62	0.98							1.0
JMU	BN	783	178	IAML		1837	02.22			423	0.3				
JMU	BE	783	178	IAML		1837	03.75			362	0.3				
THN	BZ	828	172	EP		1835	51.72	0.46							1.0
THN	BE	828	172	ES		1837	06.36	-1.60							1.0
DHRM	HZ	856	169	EP		1835	54.99	0.22							1.0
DHRM	HN	856	169	ES		1837	15.82	1.75							1.0
DHRM	HN	856	169	IAML		1837	16.36			417	0.3				
DHRM	HE	856	169	IAML		1837	19.89			446	0.3				
SDNR	BZ	946	166	EP		1836	04.12	-1.02							1.0
SDNR	BN	946	166	ES		1837	32.54	0.42							1.0
SDNR	BE	946	166	IAML		1837	36.33			132	0.3				
SDNR	BN	946	166	IAML		1837	37.86			181	0.3				
BHK	BN	961	166	ES		1837	34.66	-0.50							1.0
SMLA	HZ	995	165	EP		1836	10.17	-0.88							1.0
SMLA	HE	995	165	ES		1837	41.03	-1.37							1.0
SMLA	HN	995	165	IAML		1837	44.77			216	0.6				
SMLA	HE	995	165	IAML		1837	45.81			281	0.4				
UTK	BZ	1070	159	EP		1836	18.95	-0.90							1.0
UTK	BN	1070	159	ES		1837	57.76	0.04							1.0
UTK	BN	1070	159	IAML		1838	01.53			61	0.3				
UTK	BE	1070	159	IAML		1838	02.95			97	0.5				
JOSI	BZ	1126	154	EP		1836	28.09	1.62							1.0
JOSI	BE	1126	154	IAML		1838	08.81			161	0.3				
JOSI	BE	1126	154	ES		1838	09.44	0.21							1.0
JOSI	BN	1126	154	IAML		1838	11.14			180	0.4				
LGTI	BZ	1264	155	EP		1836	42.11	-0.62							0.9
LGTI	BN	1264	155	ES		1838	37.15	-0.38							0.9

April 26 2023 Hour: 2:55 52.7 Ag: Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PBA	HZ			EP		0258	07.42								
DGPR	HZ			EP		0257	22.12								
MDRS	HZ			EP		0257	22.67								

April 26 2023 Hour: 18:39 22.6 Lat: 25.66N Lon: 91.05E D: 10.0F Ag: NCS Local
Magnitudes: 2.5ML NCS 2.7MW NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TEZP	SZ	204	58	EP		1839	54.71	0.10							1.0
TEZP	SN	204	58	ES		1840	18.24	0.25							1.0
TEZP	SN	204	58	IAML		1840	31.60			85	0.4				
TAWA	SZ	229	21	EP		1839	57.61	-0.04							1.0
TAWA	SE	229	21	ES		1840	23.31	0.06							1.0
TAWA	SN	229	21	IAML		1840	34.46			104	0.2				
TAWA	SE	229	21	IAML		1840	35.05			93	0.4				
KOHI	SZ	307	88	EP		1840	07.53	0.34							1.0
KOHI	SN	307	88	ES		1840	40.25	0.51							1.0
KOHI	SN	307	88	IAML		1840	45.74			20	0.5				
KOHI	SE	307	88	IAML		1840	47.27			13	0.3				
MOKO	SZ	354	77	EP		1840	12.52	-0.51							1.0
MOKO	SN	354	77	ES		1840	49.15	-0.71							1.0
MOKO	SE	354	77	IAML		1840	53.75			11	0.5				
MOKO	SN	354	77	IAML		1840	54.01			13	0.6				

April 26 2023 Hour: 20:43 38.7 Ag: Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SAIH	SZ			EP		2048	15.44								
CHT	HZ			EP		2048	24.16								
CMPI	HZ			EP		2048	22.14								
RAGD	BZ			EP		2048	22.25								
AZL	SZ			EP		2048	25.64								
ATP	HZ			EP		2048	28.21								
IMP	SZ			EP		2048	35.84								
KOHI	SZ			EP		2048	44.00								
SHL	HZ			EP		2048	42.40								
MOKO	SZ			EP		2048	48.08								
TURA	SZ			EP		2048	44.00								
TEZP	SZ			EP		2048	54.19								
DHUB	SZ			EP		2048	52.15								
TAWA	SZ			EP		2049	06.43								
LGTI	BZ			EP		2049	50.08								
PTH	BZ			EP		2049	50.08								
MUKT	HZ			EP		2049	53.21								
JOSI	BZ			EP		2050	02.85								
SMLA	HZ			EP		2050	15.50								
SDNR	BZ			EP		2050	20.73								
DHRM	HZ			EP		2050	29.67								
ALCI	BZ			EP		2050	37.51								

April 26 2023 Hour: 21:49 36.0 Lat: 37.37N Lon: 72.05E D: 38.8 Ag: NCS Local
Magnitudes: 3.4ML NCS 3.4MW NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	445	145	EP		2150	34.47	-0.04							1.0
SRIN	BN	445	145	ES		2151	17.17	-0.08							1.0
SRIN	BE	445	145	IAML		2151	19.26			1669	0.1				
SRIN	BN	445	145	IAML		2151	21.40			1101	0.4				
ALCI	BZ	581	126	EP		2150	51.17	-0.03							1.0
ALCI	BE	581	126	ES		2151	46.02	-0.09							1.0
ALCI	BE	581	126	IAML		2151	48.30			38	0.1				
ALCI	BN	581	126	IAML		2151	48.70			27	0.2				
DHRM	HZ	689	144	EP		2151	04.33	-0.01							1.0
DHRM	HN	689	144	ES		2152	08.63	-0.22							1.0
DHRM	HN	689	144	IAML		2152	14.20			79	0.6				
DHRM	HE	689	144	IAML		2152	19.82			69	0.4				
SDNR	BZ	786	144	EP		2151	16.28	0.13							1.0
SDNR	BN	786	144	ES		2152	29.42	0.14							1.0
SDNR	BN	786	144	IAML		2152	34.35			14	0.8				
SDNR	BE	786	144	IAML		2152	34.60			19	1.0				

SMLA	HZ	838	144	EP	2151	21.59	-0.85										1.0
SMLA	HN	838	144	ES	2152	40.51	0.35										1.0
SMLA	HN	838	144	IAML	2152	43.74			19	0.2							
SMLA	HE	838	144	IAML	2152	44.87			24	0.7							
MUKT	HZ	1126	139	EP	2151	58.82	0.82										1.0
MUKT	HN	1126	139	ES	2153	41.56	-0.12										1.0
MUKT	HE	1126	139	IAML	2153	45.98			5	1.3							
MUKT	HN	1126	139	IAML	2153	47.01			6	0.2							

April 27 2023 Hour: 15:42 42.4 Lat: 27.82N Lon: 65.81E D: 10.0F 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
JASL	BN	514	100	EP		1543	49.70	-0.68							1.0
JASL	BN	514	100	ES		1544	39.75	-0.93							1.0
JASL	BN	514	100	IAML		1544	48.45			1174	0.3				
BARM	HN	603	111	ES		1544	59.39	0.00							1.0
BKNR	BN	736	85	ES		1545	27.17	-0.13							1.0
AJM	BN	888	98	EP		1544	35.36	0.26							1.0
AJM	BN	888	98	ES		1545	58.71	0.23							1.0
AJM	BN	888	98	IAML		1546	03.83			223	0.6				
THN	BZ	1091	60	EP		1544	58.72	-0.22							1.0
THN	BE	1091	60	ES		1546	39.50	-0.47							1.0
DHRM	HZ	1125	62	EP		1545	03.01	-0.11							1.0
DHRM	HN	1125	62	ES		1546	46.87	-0.37							1.0
DHRM	HE	1125	62	IAML		1546	56.75			75	0.1				
DHRM	HN	1125	62	IAML		1546	57.24			92	0.6				
SDNR	BZ	1150	66	EP		1545	06.09	0.15							1.0
SDNR	BN	1150	66	ES		1546	52.54	0.38							1.0
SDNR	BN	1150	66	IAML		1546	57.08			122	0.4				
SMLA	HZ	1161	69	EP		1545	07.44	0.08							0.9
SMLA	HN	1161	69	ES		1546	54.71	0.08							0.9
SMLA	HE	1161	69	IAML		1546	59.22			35	0.3				
SMLA	HN	1161	69	IAML		1547	00.26			43	0.4				
ALCI	BZ	1296	54	EP		1545	23.35	-0.05							0.8
ALCI	BE	1296	54	ES		1547	21.98	-0.55							0.8
ALCI	BN	1296	54	IAML		1547	28.88			122	0.4				
MUKT	HZ	1365	79	EP		1545	32.87	1.43							0.8
MUKT	HN	1365	79	ES		1547	38.87	2.35							0.8
MUKT	HE	1365	79	IAML		1547	49.23			64	0.9				
MUKT	HN	1365	79	IAML		1547	51.20			55	1.0				

April 27 2023 Hour: 18:13 57.0 Lat: 29.59N Lon: 81.55E D: 10.0F Ag: NCS Local
Magnitudes: 4.4ML NCS Rms: 1.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PTH	BZ	130	270	EP		1814	14.25	-3.38							1.0
PTH	BE	130	270	ES		1814	32.54	-0.34							1.0
PTH	BE	130	270	IAML		1814	37.96			6524	0.2				
LGTI	BZ	144	262	EP		1814	18.98	-0.44							1.0
LGTI	BN	144	262	ES		1814	36.05	0.04							1.0
LGTI	BE	144	262	IAML		1814	36.82			8681	0.4				
MUKT	HZ	184	266	EP		1814	24.64	0.09							1.0
MUKT	HE	184	266	ES		1814	45.74	0.82							1.0
JOSI	BZ	220	300	EP		1814	29.08	0.11							1.0
JOSI	BE	220	300	ES		1814	53.54	0.92							1.0
JOSI	BE	220	300	IAML		1815	04.26			7179	1.2				
BRCH	BZ	224	179	EP		1814	30.04	0.78							1.0
BRCH	BE	224	179	ES		1814	54.75	1.63							1.0
BRCH	BE	224	179	IAML		1815	00.50			5802	0.5				
VLK	BZ	332	135	EP		1814	43.54	0.83							1.0
VLK	BE	332	135	ES		1815	17.53	1.00							1.0
VLK	BN	332	135	IAML		1815	33.89			5118	0.9				
DDI	HZ	347	284	EP		1814	44.78	0.22							1.0
DDI	HE	347	284	ES		1815	20.58	0.83							1.0
DDI	HN	347	284	IAML		1815	24.20			3632	0.5				

JMIU	BZ	430	256	EP	1814	51.48-3.29			1.0
JMIU	BN	430	256	ES	1815	38.70 1.18			1.0
JMIU	BE	430	256	IAML	1816	00.77	1427	1.4	
NDI	HZ	434	258	EP	1814	53.45-1.86			1.0
NDI	HN	434	258	ES	1815	38.76 0.31			1.0
NDI	HN	434	258	IAML	1815	39.92	2104	0.4	
NPL	BZ	439	257	EP	1814	54.49-1.44			1.0
NPL	BN	439	257	ES	1815	40.55 1.01			1.0
AYAN	BZ	448	255	EP	1814	57.47 0.48			1.0
AYAN	BE	448	255	ES	1815	42.29 0.92			1.0
SMLA	HZ	455	293	EP	1814	57.50-0.53			1.0
SMLA	HN	455	293	ES	1815	44.87 1.69			1.0
ALBI	BZ	475	177	EP	1814	58.56-1.65			1.0
ALBI	BN	475	177	ES	1815	47.37 0.39			1.0
STMR	BZ	482	130	EP	1815	00.01-1.09			1.0
STMR	BN	482	130	ES	1815	49.11 0.58			1.0
BHK	BZ	486	296	EP	*1815	07.54 5.92			0.0
BHK	BN	486	296	ES	1815	57.15 1.80			1.0
SDNR	BZ	495	297	EP	1815	02.10-0.67			1.0
SDNR	BN	495	297	ES	1815	51.65 0.21			1.0
GWAL	HZ	498	222	EP	1815	01.58-1.53			1.0
GWAL	HE	498	222	ES	1815	54.12 2.10			1.0
DHRM	HZ	582	302	EP	1815	13.31-0.07			1.0
DHRM	HE	582	302	ES	1816	09.64-0.26			1.0
THN	BZ	633	301	EP	1815	20.18 0.67			1.0
THN	BN	633	301	ES	1816	20.89 0.33			1.0
ALCI	BZ	659	322	EP	1815	23.00 0.16			1.0
ALCI	BE	659	322	ES	1816	27.22 0.86			1.0
UDMP	HZ	714	303	EP	1815	29.05-0.25			1.0
UDMP	HE	714	303	ES	1816	38.64 1.04			1.0
JBPL	HZ	726	193	EP	1815	28.34-2.23			1.0
JBPL	HE	726	193	ES	1816	39.30-0.51			1.0
GTK	SZ	735	108	EP	1815	31.75 0.00			1.0
GTK	SN	735	108	ES	1816	42.82 0.96			1.0
AJM	BZ	765	244	EP	1815	34.40-0.85			1.0
AJM	BN	765	244	ES	1816	48.49 0.54			1.0
BHPL	HZ	814	211	EP	1815	38.99-2.02			1.0
BHPL	HE	814	211	ES	1816	58.03 0.06			1.0
BLSP	BZ	832	176	EP	1815	41.86-1.19			1.0
BLSP	BN	832	176	ES	1817	02.49 0.98			1.0
UDPR	BZ	954	236	EP	1815	57.34-0.16			1.0
UDPR	BE	954	236	ES	1817	26.85 0.19			1.0
INDR	HZ	963	217	EP	1815	58.43-0.06			1.0
INDR	HE	963	217	ES	1817	28.79 0.40			1.0
TURA	SZ	968	116	EP	1815	58.49-0.55			1.0
TURA	SE	968	116	ES	1817	29.45 0.10			1.0
TAWA	SZ	1033	100	EP	1816	07.03 0.35			1.0
TAWA	SN	1033	100	ES	1817	42.93 0.29			1.0
TEZP	SZ	1153	104	EP	1816	19.53-1.25			1.0
RAGD	BZ	1162	170	EP	1816	22.17 0.32			0.9
RAGD	BE	1162	170	ES	1818	09.39 0.37			0.9
AZL	SN	1283	118	ES	1818	36.10 2.05			0.8
KOHI	SZ	1310	106	EP	1816	39.47 0.03			0.8
KOHI	SE	1310	106	ES	1818	39.99 0.34			0.8
MOKO	SZ	1325	103	EP	1816	40.94-0.28			0.8
MOKO	SE	1325	103	ES	1818	42.78 0.04			0.8
AZL	SZ	1283	118	EP	1816	36.67 0.44			0.8

April 27 2023 Hour: 19:45 59.1

Ag: Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AURD	HZ			EP		1948	44.85								
AURD	HE			ES		1950	53.51								
AURD	HN			ES		1950	57.17								
MUKT	HZ	188	275	EP		1946	26.43	-0.22							1.0
JOSI	BZ	239	306	EP		1946	30.55	-2.29							1.0
VLK	BZ	309	132	EP		1946	44.96	3.72							1.0
DDI	HE	358	289	ES		1947	23.88	-1.26							1.0
BISR	BZ	413	259	EP		1946	54.19	0.25							1.0
NPL	BZ	437	261	EP		1946	56.62	-0.29							1.0
NRLA	BZ	440	264	EP		1946	56.96	-0.39							1.0
STMR	BZ	461	127	EP		1947	02.74	2.90							1.0
UJWA	BZ	464	261	EP		1947	00.29	0.08							1.0
VAR	BZ	470	162	EP		1947	02.94	2.00							1.0
SMLA	HZ	470	296	EP		1946	59.27	-1.99							1.0
CGRH	BZ	489	290	EP		1947	03.48	0.09							1.0
BHK	BZ	502	298	EP		1947	09.33	4.32							1.0
SDNR	BZ	512	300	EP		1947	03.90	-2.36							1.0
DHRM	HZ	601	304	EP		1947	14.60	-2.68							1.0
DHRM	HE	601	304	ES		1948	14.01	-4.88							1.0
THN	BZ	652	304	EP		1947	21.28	-2.18							1.0
JMUI	BZ	669	135	EP		1947	27.23	1.70							1.0
JMUI	BN	669	135	ES		1948	33.87	0.15							1.0
ALCI	BZ	684	324	EP		1947	23.20	-4.55							1.0
AMRT	HZ	691	294	EP		1947	28.06	-0.14							1.0
JBPL	HZ	697	194	EP		1947	30.05	1.04							1.0
UDMP	HZ	734	305	EP		1947	31.04	-2.49							1.0
UDMP	HE	734	305	ES		1948	40.91	-7.17							1.0
SRGN	BZ	748	277	EP		1947	33.52	-1.74							1.0
SRGN	BN	748	277	ES		1948	46.18	-5.02							1.0
SHBG	BZ	750	126	EP		1947	36.19	0.70							1.0
SHBG	BN	750	126	ES		1948	50.67	-0.94							1.0
AJM	BZ	756	247	EP		1947	36.61	0.39							1.0
BHPL	HZ	791	213	EP		1947	40.15	-0.35							1.0
BHPL	HE	791	213	ES		1948	59.97	-0.61							1.0
BKNR	BZ	820	263	EP		1947	43.50	-0.62							1.0
CNWR	HZ	847	199	EP		1947	47.62	0.12							1.0
CNWR	HE	847	199	ES		1949	12.90	-0.23							1.0
RAIP	HZ	898	179	EP		1947	54.40	0.77							1.0
RAIP	HE	898	179	ES		1949	22.25	-1.89							1.0
DHUB	SZ	906	112	EP		1947	54.24	-0.44							1.0
JODH	HZ	907	250	EP		1947	53.98	-0.75							1.0
JODH	HN	907	250	ES		1949	22.25	-3.87							1.0
INDR	HZ	941	218	EP		1948	01.09	2.07							1.0
INDR	HE	941	218	ES		1949	33.53	-0.26							1.0
UDPR	BZ	941	238	EP		1947	59.31	0.33							1.0
UDPR	BN	941	238	ES		1949	28.83	-4.90							1.0
TURA	SZ	952	114	EP		1947	59.59	-0.75							1.0
TURA	SE	952	114	ES		1949	32.34	-3.83							1.0
TAWA	SZ	1025	98	EP		1948	09.73	0.47							1.0
TAWA	SE	1025	98	ES		1949	50.30	-1.86							1.0
BARM	HZ	1079	251	EP		1948	15.27	-0.63							1.0
BARM	HZ	1079	251	E		1948	15.27								
BARM	HE	1079	251	ES		1950	02.31	-1.74							1.0
BWNR	BZ	1091	156	EP		1948	18.52	1.13							1.0
BWNR	BN	1091	156	ES		1950	06.02	-0.69							1.0
SHL	HZ	1097	110	EP		1948	16.62	-1.63							1.0
SHL	HE	1097	110	ES		1950	04.00	-4.24							1.0
AGT	SN	1134	120	ES		1950	13.98	-2.15							1.0
JGDP	HZ	1135	178	EP		1948	23.00	0.21							1.0
JGDP	HE	1135	178	ES		1950	14.13	-2.25							1.0
TEZP	SZ	1143	102	EP		1948	21.67	-2.06							1.0

TEZP	SN	1143	102	ES	1950	09.99-8.07	1.0
BELO	SZ	1192	122	EP	1948	30.50 0.77	1.0
BELO	SN	1192	122	ES	1950	23.73-5.08	1.0
AZL	SZ	1267	117	EP	1948	46.19 12.8	0.8
AZL	SN	1267	117	ES	1950	45.04 17.4	0.8
KOHI	SZ	1299	105	EP	1948	40.82-2.25	1.0
KOHI	SN	1299	105	ES	1950	47.44-5.21	1.0
MOKO	SZ	1316	102	EP	1948	42.79-2.33	1.0
MOKO	SE	1316	102	ES	1950	46.12-10.2	1.0
IMP	SZ	1322	109	EP	1948	44.77-1.08	1.0
IMP	SN	1322	109	ES	1950	54.64-2.99	1.0
CMPI	HZ	1335	116	EP	1948	45.78-1.68	1.0
CMPI	HE	1335	116	ES	1950	58.56-1.94	1.0
PALG	HZ	1350	222	EP	1948	47.51-1.68	1.0
PALG	HZ	1350	222	E	1948	47.51	
PALG	HE	1350	222	ES	1950	57.81-5.80	1.0
HYB	HZ	1353	194	EP	1948	47.96-1.64	1.0
HYB	HE	1353	194	ES	1951	02.17-2.16	1.0
BHUJ	HZ	1366	243	EP	1948	49.28-1.88	1.0
BHUJ	HE	1366	243	ES	1951	05.22 17.4	0.8
SAIH	SZ	1369	121	EP	1948	50.92-0.68	1.0
SAIH	SN	1369	121	ES	1951	02.89-5.02	1.0
SLPR	HZ	1412	205	EP	1948	54.29-2.56	1.0
SLPR	HE	1412	205	ES	1951	09.34-7.95	1.0
POO	HZ	1429	215	EP	1948	57.14-1.81	1.0
POO	HN	1429	215	ES	1951	14.89-6.16	1.0
KAD	BZ	1529	211	EP	1949	08.62-2.45	1.0
KAD	BE	1529	211	ES	1951	33.94-8.80	1.0
KAD	BN	1529	211	ES	1951	55.97 13.2	1.0
KNL	HZ	1544	194	EP	1949	10.19-2.66	1.0
KNL	HE	1544	194	ES	1951	33.56-12.4	1.0
BLRY	HZ	1645	200	EP	1949	21.26-3.52	1.0
BLRY	HE	1645	200	ES	1951	57.63-10.5	1.0
ATP	HZ	1678	195	EP	1949	26.11-2.46	1.0
ATP	HE	1678	195	ES	1952	04.58-10.6	1.0
MDRS	HZ	1813	185	EP	1949	43.62-0.34	1.0
MDRS	HE	1813	185	ES	1952	38.00-6.52	1.0
MDRS	HN	1813	185	ES	1952	57.83 13.3	1.0
MYSR	HZ	1942	197	EP	1949	56.76-1.66	1.0
MYSR	HE	1942	197	ES	1953	02.61-10.0	1.0
CHT	HZ	2205	193	EP	1950	36.36 11.3	1.0
PTH	BE			ES	1946	34.13	
LGTI	BZ			EP	1946	20.42	
LGTI	BE			ES	1946	36.34	
MUKT	HN			ES	1946	46.76	
DDI	HZ			EP	1946	47.56	
VLK	BE			ES	1947	17.26	
JMIU	BZ			EP	1946	55.76	
JMIU	BN			ES	1947	37.64	
NDI	HZ			EP	1946	56.52	
STMR	BE			ES	1947	50.00	
AYAN	BZ			EP	1946	58.19	
VAR	BN			ES	1947	50.10	
GWAL	HZ			EP	1947	02.39	
BHK	BN			ES	1947	54.92	
BHK	BN			EP	1947	54.92	
AMRT	HE			ES	1948	34.65	
JBPL	HE			ES	1948	36.23	
AGT	SZ	1134	120	EP	1948	22.91 0.26	1.0
PTH	BZ	137	283	EP	1946	19.04-1.40	1.0

April 27 2023 Hour: 20: 6 40.6 Lat: 29.73N Lon: 81.48E D: 10.0F Ag: NCS Local
Magnitudes: 3.7ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PTH	BN	125	263	EP		2006	59.47	-1.24							1.0
PTH	BN	125	263	ES		2007	16.07	0.48							1.0
PTH	BN	125	263	IAML		2007	19.38			2659	0.2				
LGTI	BZ	140	255	EP		2007	02.15	-1.08							1.0
LGTI	BN	140	255	ES		2007	20.59	0.62							1.0
LGTI	BN	140	255	IAML		2007	22.78			1670	0.2				
MUKT	HZ	180	261	EP		2007	08.07	-0.50							1.0
MUKT	HE	180	261	ES		2007	29.44	0.18							1.0
MUKT	HN	180	261	IAML		2007	33.08			1940	0.3				
JOSI	BZ	207	297	EP		2007	12.06	0.16							1.0
JOSI	BE	207	297	ES		2007	35.99	0.93							1.0
JOSI	BE	207	297	IAML		2007	43.04			1690	0.3				
VLK	BZ	349	136	EP		2007	29.98	0.64							1.0
VLK	BE	349	136	ES		2008	05.87	0.46							1.0
VLK	BN	349	136	IAML		2008	06.36			558	0.3				
SMLA	HZ	442	292	EP		2007	39.98	-1.20							1.0
SMLA	HE	442	292	ES		2008	26.55	0.54							1.0
SMLA	HN	442	292	IAML		2008	30.96			305	0.2				
SDNR	BZ	482	296	EP		2007	44.88	-0.95							1.0
SDNR	BE	482	296	ES		2008	34.45	0.36							1.0
SDNR	BE	482	296	IAML		2008	37.08			203	0.5				
DHRM	HZ	567	301	EP		2007	56.72	0.40							1.0
DHRM	HN	567	301	ES		2008	52.55	0.20							1.0
DHRM	HN	567	301	IAML		2008	59.76			204	0.3				

April 27 2023 Hour: 20:59 59.6 Lat: 29.34N Lon: 81.75E D: 10.0F Ag: NCS Local
Magnitudes: 2.7ML NCS 2.6MW NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PTH	BZ	153	281	EP		2100	22.31	-0.82							1.0
PTH	BE	153	281	ES		2100	40.11	-0.44							1.0
PTH	BE	153	281	IAML		2100	42.56			169	0.2				
LGTI	BZ	162	272	EP		2100	24.87	0.58							1.0
LGTI	BN	162	272	ES		2100	42.26	-0.31							1.0
LGTI	BE	162	272	IAML		2100	44.75			511	0.2				
MUKT	HZ	204	274	EP		2100	30.21	0.62							1.0
MUKT	HE	204	274	ES		2100	52.12	0.33							1.0
MUKT	HN	204	274	IAML		2100	55.50			53	0.2				
JOSI	BZ	251	303	EP		2100	34.96	-0.43							1.0
JOSI	BN	251	303	ES		2101	02.35	0.46							1.0

April 27 2023 Hour: 22:39 4.0 Lat: 36.42N Lon: 59.60E D: 10.0F Ag: NCS Regional
Magnitudes: 4.5MW NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DHRM	HZ	1603	102	EP		2242	28.20	-0.17							1.0
UDPR	BZ	1882	130	EP		2243	01.53	0.52							1.0
MUKT	HZ	2023	107	EP		2243	17.32	0.34							1.0
LGTI	BZ	2063	106	EP		2243	20.31	-0.92							1.0
PTH	BZ	2064	106	EP		2243	20.57	-0.69							1.0
CNWR	HZ	2454	125	EP		2243	58.36	-0.92							1.0
VLK	BZ	2497	107	EP		2244	05.29	2.01							0.9
SAIH	SZ	3563	106	EP		2245	31.32	0.20							1.0

April 28 2023 Hour: 0:59 9.4 Lat: 28.72N Lon: 76.81E D: 5.0F Ag: NCS Local
Magnitudes: 2.2ML NCS 2.4MW NCS Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UJWA	BZ	19	152	EP		0059	12.04	-0.45							1.0
UJWA	BE	19	152	ES		0059	14.83	0.04							1.0
UJWA	BN	19	152	IAML		0059	16.44			881	0.2				
UJWA	BE	19	152	IAML		0059	16.49			809	0.0				
NRLA	BZ	31	62	EP		0059	14.08	-0.26							1.0

NRLA	BE	31	62	ES	0059	18.34	0.34										1.0
NRLA	BN	31	62	IAML	0059	21.30			1122	0.3							
NRLA	BE	31	62	IAML	0059	21.98			369	0.3							
NPL	BZ	36	105	EP	0059	14.91	-0.30										1.0
NPL	BN	36	105	ES	0059	19.72	0.20										1.0
NPL	BE	36	105	IAML	0059	24.25			311	0.1							
NPL	BN	36	105	IAML	0059	25.08			327	0.1							
NDI	HZ	39	96	EP	0059	15.41	-0.27										1.0
NDI	HE	39	96	ES	0059	20.72	0.39										1.0
NDI	HE	39	96	IAML	0059	24.84			104	0.3							
NDI	HN	39	96	IAML	0059	25.55			135	0.4							
AYAN	BZ	41	131	EP	0059	15.55	-0.42										1.0
AYAN	BN	41	131	ES	0059	20.99	0.16										1.0
AYAN	BN	41	131	IAML	0059	22.09			191	0.1							
AYAN	BE	41	131	IAML	0059	22.58			127	0.1							
AJM	BE	334	221	ES	0100	31.57	0.47										1.0
AJM	BZ	334	221	EP	0059	56.45	0.10										1.0

April 28 2023 Hour: 3:13 46.1

Ag: Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ			EP		0331	18.69								
JASL	BZ			EP		0331	22.32								
KNL	HZ			EP		0331	12.97								
AMRT	HZ			EP		0331	18.28								
CMPI	HZ			EP		0330	07.25								
DHUB	SZ			EP		0330	18.40								
SAIH	SZ			EP		0329	59.62								
GTK	SZ			EP		0330	40.69								
GUWA	SZ			EP		0330	11.36								
SILR	SZ			EP		0330	07.25								
IMP	SZ			EP		0330	06.66								
KOHI	SZ			EP		0329	48.48								
MOKO	SZ			EP		0330	03.73								
ITAN	SZ			EP		0330	00.80								
TURA	SZ			EP		0330	16.64								
AGT	SZ			EP		0330	11.36								
AJM	BZ			EP		0331	15.31								
THN	BZ			EP		0331	14.36								
DHRM	HZ			EP		0331	12.47								
UDPR	BZ			EP		0331	11.99								
SRIN	BZ			EP		0331	16.26								
BHV	BZ			EP		0331	14.84								
KDGU	HZ			EP		0331	18.15								
RAIP	HZ			EP		0330	52.17								
MUKT	HZ			EP		0331	00.15								
UNCH	BZ			EP		0331	07.06								
HNLY	BZ			EP		0331	02.96								
ASOR	BZ			EP		0331	07.56								
FBD	HZ			EP		0331	09.14								
NDI	HZ			EP		0331	09.94								
AYAN	BZ			EP		0331	10.37								
PTDI	HZ			EP		0331	11.37								
RTK	BZ			EP		0331	13.10								
CGRH	BZ			EP		0331	10.58								
BHK	BZ			EP		0331	13.89								

April 28 2023 Hour: 20: 7 2.2

Lat: 8.31N Lon: 94.02E

D: 10.0F

Ag: NCS Regional

Magnitudes: 4.6MW NCS

Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DGPR	HZ	552	348	EP		2008	18.37	1.65							0.9
DGPR	HN	552	348	ES		2009	14.26	-0.84							1.0
VISK	HN	1557	313	ES		2012	57.09	0.06							1.0
SAIH	SZ	1573	356	EP		2010	23.01	0.40							1.0
SAIH	SE	1573	356	ES		2013	00.49	-0.26							1.0

MDRS	HZ	1599	290	EP	2010	24.80-0.85	1.0
MDRS	HE	1599	290	ES	2013	05.82-0.39	1.0
RAGD	BZ	1663	318	EP	2010	32.74-0.67	1.0
RAGD	BN	1663	318	ES	2013	19.76-0.28	1.0
CMPI	HZ	1683	358	EP	2010	36.10 0.08	1.0
CMPI	HN	1683	358	ES	2013	25.18 0.48	1.0
AZL	SZ	1714	355	EP	2010	39.69 0.06	1.0
AZL	SN	1714	355	ES	2013	31.68 0.30	1.0
SALM	BZ	1778	283	EP	2010	45.95-1.05	1.0
SALM	BN	1778	283	ES	2013	46.38 1.22	1.0
IMP	SZ	1828	360	EP	2010	53.82 0.91	1.0
IMP	SN	1828	360	ES	2013	55.65-0.68	1.0
KOHI	SN	1928	0	ES	2014	18.27 0.24	1.0
HYB	HZ	1956	303	EP	2011	08.10 0.83	1.0
HYB	HE	1956	303	ES	2014	24.31 0.29	1.0
MOKO	SZ	1995	1	EP	2011	12.21 0.50	1.0
MOKO	SN	1995	1	ES	2014	32.42-0.22	1.0
TEZP	SZ	2031	357	EP	2011	14.25-1.30	0.9
KDGU	HZ	2035	285	EP	2011	15.56-0.55	1.0
KDGU	HN	2035	285	ES	2014	41.70 0.36	1.0
TAWA	SZ	2147	354	EP	2011	28.55 1.12	1.0
TAWA	SN	2147	354	ES	2015	05.35-0.14	1.0
GTK	SZ	2181	345	EP	2011	30.36-0.53	1.0
CNWR	HZ	2219	315	EP	2011	34.30-0.26	1.0
CNWR	HE	2219	315	ES	2015	20.39 0.37	1.0
MUKT	HZ	2782	329	EP	2012	27.20 0.52	1.0
MUKT	HN	2782	329	ES	2016	51.87-0.14	1.0
JOSI	BZ	2887	331	EP	2012	34.43-0.79	1.0
JOSI	BE	2887	331	ES	2017	06.69-0.23	1.0

April 28 2023 Hour: 20:38 12.6 Lat: 36.06N Lon: 70.70E D:219.9 Ag: NCS Local
Magnitudes: 3.5ML NCS 3.5MW NCS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	525	133	EP		2039	24.61	0.26							1.0
JMU	BN	525	133	ES		2040	16.88	0.12							1.0
JMU	BN	525	133	IAML		2040	22.03			201	0.4				
JMU	BE	525	133	IAML		2040	22.17			79	0.2				
UDMP	HZ	535	129	EP		2039	25.25-0.17								1.0
UDMP	HN	535	129	ES		2040	18.23-0.38								1.0
THN	BZ	617	129	EP		2039	34.88-0.03								1.0
THN	BE	617	129	ES		2040	34.99-0.03								1.0
DHRM	HZ	667	128	EP		2039	40.69 0.01								1.0
DHRM	HE	667	128	ES		2040	45.47 0.46								1.0
DHRM	HN	667	128	IAML		2040	48.97			138	0.3				
DHRM	HE	667	128	IAML		2040	49.48			155	0.9				
SDNR	BZ	762	129	EP		2039	51.77 0.04								1.0
SDNR	BN	762	129	ES		2041	04.04-0.09								1.0
SDNR	BN	762	129	IAML		2041	05.92			42	0.4				
SDNR	BE	762	129	IAML		2041	06.71			19	0.5				
SMLA	HZ	812	130	EP		2039	57.36-0.15								1.0
SMLA	HN	812	130	ES		2041	14.12-0.01								1.0
SMLA	HN	812	130	IAML		2041	18.78			42	0.2				
SMLA	HE	812	130	IAML		2041	21.37			29	0.2				
MUKT	HZ	1112	129	EP		2040	33.49 0.04								1.0
MUKT	HN	1112	129	ES		2042	16.23-0.07								1.0
MUKT	HN	1112	129	IAML		2042	21.13			6	0.5				
MUKT	HE	1112	129	IAML		2042	23.02			7	0.4				

April 28 2023 Hour: 20:46 44.3 Lat: 3.20N Lon: 96.99E D: 95.5 Ag: NCS Regional
Magnitudes: 4.0MW NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ASIV	HZ			EP		2051	56.33								
DGPR	HZ	1190	338	EP		2049	09.04	0.04							1.0
SAIH	SZ	2177	349	EP		2051	05.56	0.67							1.0
BWNR	BZ	2242	328	EP		2051	11.04	-0.02							1.0
CMPI	HZ	2280	350	EP		2051	14.71	-0.22							1.0
RAGD	BZ	2306	321	EP		2051	17.42	0.17							1.0
AZL	SZ	2319	349	EP		2051	17.91	-0.70							1.0
IMP	SZ	2415	352	EP		2051	27.32	-0.47							1.0
KOHI	SZ	2511	353	EP		2051	37.25	0.26							1.0
MOKO	SZ	2572	354	EP		2051	41.74	-0.65							1.0
TAWA	SZ	2754	349	EP		2051	58.39	1.26							0.9
GTK	SZ	2815	342	EP		2052	02.35	0.12							1.0
CNWR	HZ	2856	318	EP		2052	05.11	-0.37							1.0

April 29 2023 Hour: 4:58 6.0 Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SAIH	SZ			ES		0507	21.56								
AZL	SZ			ES		0507	37.96								
DGPR	HZ			EP		0507	40.02								
SAIH	SE			ES		0507	25.66								

April 29 2023 Hour: 23:45 32.3 Lat: 35.33N Lon: 74.14E D: 15.0 Ag: NCS Local
Magnitudes: 4.1ML NCS 3.8MW NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	154	157	EP		*2345	51.63	-3.87							0.0
SRIN	BE	154	157	ES		2346	06.77	-2.05							1.0
SRIN	BE	154	157	IAML		2346	18.14			2065	0.5				
SRIN	BN	154	157	IAML		2346	19.28			1923	0.3				
UDMP	HZ	282	161	EP		2346	11.06	-0.32							1.0
UDMP	HE	282	161	ES		2346	39.74	-0.59							1.0
JMU	BZ	289	167	EP		2346	12.26	0.07							1.0
JMU	BE	289	167	ES		2346	42.02	0.28							1.0
JMU	BN	289	167	IAML		2346	46.30			1916	0.2				
JMU	BE	289	167	IAML		2346	46.72			1125	0.4				
THN	BZ	355	154	EP		2346	19.86	-0.52							1.0
THN	BE	355	154	ES		2346	56.39	0.41							1.0
DHRM	HZ	396	149	EP		2346	25.63	0.03							1.0
DHRM	HE	396	149	ES		2347	05.73	0.67							1.0
DHRM	HN	396	149	IAML		2347	07.98			313	0.3				
SDNR	BZ	493	148	EP		2346	37.07	-0.25							1.0
SDNR	BE	493	148	ES		2347	24.95	-0.51							1.0
BHK	BZ	508	148	EP		*2346	35.78	-3.25							0.0
BHK	BE	508	148	ES		2347	24.79	-0.39							1.0
BHK	BE	508	148	IAML		2347	27.32			4282	0.5				
SMLA	HZ	544	148	EP		2346	43.47	-0.18							1.0
SMLA	HN	544	148	ES		2347	37.56	1.09							1.0
SMLA	HE	544	148	IAML		2347	39.78			1803	0.6				
AYAN	BZ	809	159	EP		2347	14.66	-0.51							1.0
AYAN	BN	809	159	ES		2348	32.24	0.93							1.0
MUKT	HZ	832	140	EP		2347	17.75	-0.25							1.0
MUKT	HN	832	140	ES		2348	35.87	-0.36							1.0
MUKT	HN	832	140	IAML		2348	43.97			223	0.4				

April 30 2023 Hour: 0:40 46.6 Lat: 36.53N Lon: 70.82E D:260.0F Ag: NCS Local
Magnitudes: 4.0ML NCS 3.8MW NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	562	134	EP		0042	02.81	0.87							1.0
UDMP	HN	562	134	ES		0042	57.84	0.16							1.0
ALCI	BN	632	112	ES		0043	12.28	0.68							1.0
ALCI	BN	632	112	IAML		0043	14.81			189	1.0				

ALCI	BE	632	112	IAML	0043	18.48			592	0.3		
THN	BZ	644	133	EP	0042	11.67	0.74					1.0
THN	BN	644	133	ES	0043	13.44	0.13					1.0
DHRM	HZ	692	132	EP	0042	16.71	0.24					1.0
DHRM	HE	692	132	IAML	0043	27.02			263	0.7		
SDNR	BZ	789	133	EP	0042	27.14	-0.06					1.0
SDNR	BN	789	133	ES	0043	41.51	-0.11					1.0
SDNR	BN	789	133	IAML	0043	44.84			457	0.4		
SMLA	HZ	838	134	EP	0042	33.04	0.08					1.0
SMLA	HE	838	134	ES	0043	52.05	0.39					1.0
SMLA	HN	838	134	IAML	0043	58.98			70	0.5		
SMLA	HE	838	134	IAML	0043	59.40			68	0.7		
MUKT	HZ	1137	131	EP	0043	05.98	-1.30					1.0
MUKT	HN	1137	131	ES	0044	50.96	-0.40					1.0
ALCI	BZ	632	112	EP	0042	09.13	-0.81					1.0
DHRM	HN	692	132	ES	0043	22.26	-0.71					1.0
DHRM	HN	692	132	IAML	0043	28.35			328	0.4		

April 30 2023 Hour: 4:24 8.2 Lat: 36.81N Lon: 76.71E D: 10.0F Ag: NCS Regional
Magnitudes: 3.3ML NCS 2.8MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	291	171	EP		0424	50.96	0.05							1.0
ALCI	BN	291	171	ES		0425	22.17	0.06							1.0
UDMP	HZ	456	199	EP		0425	10.88	-0.06							1.0
UDMP	HN	456	199	ES		0425	56.72	-0.05							1.0
THN	BZ	492	190	EP		0425	15.35	-0.01							1.0
THN	BN	492	190	ES		0426	04.37	-0.04							1.0
DHRM	HZ	508	184	EP		0425	17.32	0.01							1.0
DHRM	HN	508	184	ES		0426	07.79	0.01							1.0
DHRM	HN	508	184	IAML		0426	11.18			92	0.8				
DHRM	HE	508	184	IAML		0426	13.86			85	0.2				
SDNR	BZ	585	178	EP		0425	26.78	0.03							1.0
SDNR	BN	585	178	ES		0426	24.20	0.08							1.0
SDNR	BE	585	178	IAML		0426	27.32			24	0.3				
SDNR	BN	585	178	IAML		0426	28.33			26	0.3				
SMLA	HZ	632	176	EP		0425	32.42	0.01							1.0
SMLA	HN	632	176	ES		0426	34.00	0.10							1.0
SMLA	HE	632	176	IAML		0426	36.13			73	0.4				
SMLA	HN	632	176	IAML		0426	36.90			93	0.2				
MUKT	HZ	860	161	EP		0426	00.67	0.01							1.0
MUKT	HN	860	161	ES		0427	22.58	-0.19							1.0
MUKT	HN	860	161	IAML		0427	25.16			14	0.6				
MUKT	HE	860	161	IAML		0427	26.48			10	0.6				

April 30 2023 Hour: 6:56 59.1 Lat: 22.98N Lon: 94.26E D: 90.0F Ag: NCS Local
Magnitudes: 4.5ML NCS 4.3MW NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMPI	HZ	113	301	EP		0657	18.55	0.37							1.0
CMPI	HE	113	301	ES		0657	34.04	1.72							1.0
CMPI	HN	113	301	IAML		0657	36.53			22401	0.3				
CMPI	HE	113	301	IAML		0657	38.28			23947	1.1				
SAIH	SZ	141	248	EP		0657	21.21	0.14							1.0
SAIH	SE	141	248	ES		0657	38.45	1.10							1.0
SAIH	SN	141	248	IAML		0657	42.00			5002	0.2				
SAIH	SE	141	248	IAML		0657	44.82			9384	0.3				
AZL	SZ	181	298	EP		0657	25.28	-0.17							1.0
AZL	SN	181	298	ES		0657	45.20	0.23							1.0
AZL	SN	181	298	IAML		0657	47.82			7274	0.3				
AZL	SE	181	298	IAML		0657	47.90			8763	0.7				
IMP	SZ	207	351	EP		0657	28.40	0.01							1.0
IMP	SN	207	351	ES		0657	50.45	0.36							1.0
IMP	SN	207	351	IAML		0657	53.84			890	0.6				
IMP	SE	207	351	IAML		0657	54.13			1592	0.3				
SILR	SZ	249	324	EP		0657	32.90	-0.20							1.0

SILR	SE	249	324	ES	0658	00.11	1.83						1.0
SILR	SE	249	324	IAML	0658	02.71		3898	0.2				
SILR	SN	249	324	IAML	0658	04.33		4024	0.4				
BELO	SZ	289	277	EP	0657	37.23	-0.60						1.0
BELO	SN	289	277	ES	0658	05.82	-0.68						1.0
BELO	SN	289	277	IAML	0658	11.28		8363	0.3				
KOHI	SZ	304	357	EP	0657	39.15	-0.58						1.0
KOHI	SE	304	357	ES	0658	10.57	0.76						1.0
KOHI	SN	304	357	IAML	0658	15.51		1611	0.9				
KOHI	SE	304	357	IAML	0658	15.92		2293	0.6				
AGT	SZ	324	289	EP	0657	42.43	0.57						1.0
AGT	SN	324	289	ES	0658	14.02	0.49						1.0
AGT	SN	324	289	IAML	0658	19.06		2392	1.0				
AGT	SE	324	289	IAML	0658	19.99		6393	0.1				
MOKO	SZ	372	4	EP	0657	46.93	-0.66						1.0
MOKO	SE	372	4	ES	0658	24.82	1.32						1.0
MOKO	SE	372	4	IAML	0658	37.08		1352	0.7				
MOKO	SN	372	4	IAML	0658	40.92		1108	0.3				
SHL	HZ	377	320	EP	0657	47.54	-0.68						1.0
SHL	HN	377	320	ES	0658	23.10	-1.49						1.0
SHL	HN	377	320	IAML	0658	26.84		8376	0.2				
SHL	HE	377	320	IAML	0658	27.85		5372	0.3				
TEZP	SZ	430	340	EP	0657	53.45	-0.83						1.0
TEZP	SN	430	340	ES	0658	34.41	-0.73						1.0
TEZP	SN	430	340	IAML	0658	39.71		4634	0.1				
GUWA	SZ	441	324	EP	0657	54.74	-0.89						1.0
GUWA	SN	441	324	ES	0658	35.29	-2.20						1.0
GUWA	SN	441	324	IAML	0658	42.82		868	0.1				
GUWA	SE	441	324	IAML	0658	44.23		1052	0.7				
ITAN	SZ	465	353	EP	0657	57.83	-0.62						1.0
ITAN	SN	465	353	ES	0658	42.80	0.42						1.0
ITAN	SN	465	353	IAML	0658	47.32		2650	0.3				
ITAN	SE	465	353	IAML	0658	47.40		3411	0.2				
TURA	SZ	497	305	EP	0658	01.79	-0.44						1.0
TURA	SN	497	305	ES	0658	47.81	-1.16						1.0
TURA	SE	497	305	IAML	0658	52.93		7162	0.4				
TURA	SN	497	305	IAML	0658	53.61		8244	0.3				
DHUB	SZ	548	309	EP	0658	08.75	0.56						1.0
TAWA	SZ	565	335	EP	0658	11.21	0.94						1.0
TAWA	SE	565	335	ES	0659	04.09	1.13						1.0
TAWA	SE	565	335	IAML	0659	09.95		10133	0.4				
TAWA	SN	565	335	IAML	0659	10.05		9557	0.3				
GTK	SZ	746	311	EP	*0658	33.22	1.59						0.0
GTK	SE	746	311	ES	0659	42.08	0.37						1.0
GTK	SE	746	311	IAML	0659	47.74		886	0.5				
GTK	SN	746	311	IAML	0659	47.99		613	0.2				

April 30 2023 Hour: 11: 3 59.7 Lat: 36.38N Lon: 70.15E D: 38.3 Ag: NCS Local
Magnitudes: 3.7ML NCS 3.6MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	596	129	EP		1105	16.61	-0.04							1.0
UDMP	HN	596	129	ES		1106	12.80	-0.05							1.0
THN	BZ	678	128	EP		1105	26.68	-0.08							1.0
THN	BN	678	128	ES		1106	30.27	-0.07							1.0
ALCI	BZ	683	109	EP		1105	27.30	0.00							1.0
ALCI	BN	683	109	ES		1106	31.26	-0.01							1.0
ALCI	BN	683	109	IAML		1106	36.24			24	0.4				
ALCI	BE	683	109	IAML		1106	37.21			29	0.5				
DHRM	HZ	728	127	EP		1105	32.98	0.13							1.0
DHRM	HN	728	127	ES		1106	40.87	-0.01							1.0
DHRM	HE	728	127	IAML		1106	44.96			182	0.5				
DHRM	HN	728	127	IAML		1106	46.04			151	0.3				
SDNR	BZ	823	129	EP		1105	44.32	-0.08							1.0
SDNR	BN	823	129	ES		1107	00.77	-0.09							1.0

SDNR	BN	823	129	IAML	1107	04.57				44	0.7					
SDNR	BE	823	129	IAML	1107	04.69				83	0.4					
SMLA	HZ	873	130	EP	1105	50.56	0.16								1.0	
SMLA	HN	873	130	ES	1107	11.15	-0.09								1.0	
SMLA	HN	873	130	IAML	1107	14.15				57	0.2					
SMLA	HE	873	130	IAML	1107	16.12				70	0.2					
MUKT	HZ	1173	128	EP	1106	27.33	-0.09								1.0	
MUKT	HE	1173	128	ES	1108	15.61	0.33								1.0	
MUKT	HN	1173	128	IAML	1108	16.80				24	0.4					
MUKT	HE	1173	128	IAML	1108	21.82				17	0.5					

April 30 2023 Hour: 15:3 17.0 Lat: 27.81N Lon: 90.17E D: 5.0F Ag: NCS Regional
Magnitudes: 2.4ML NCS 2.3MW NCS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GTK	SE	164	251	ES		*1505	28.96	87.7							0.0
TAWA	SZ	169	98	EP		1503	42.82	-0.10							1.0
TAWA	SE	169	98	ES		1504	02.02	-0.10							1.0
TAWA	SE	169	98	IAML		1504	10.73			68	0.1				
TAWA	SN	169	98	IAML		1504	11.87			67	0.2				
TURA	SZ	254	179	EP		1503	53.55	0.01							1.0
TURA	SN	254	179	ES		1504	20.38	-0.22							1.0
TURA	SN	254	179	IAML		1504	28.68			50	0.2				
TURA	SE	254	179	IAML		1504	29.08			37	0.3				
SHL	HZ	300	146	EP		1503	59.62	0.29							1.0
SHL	HE	300	146	ES		1504	30.81	0.12							1.0
SHL	HE	300	146	IAML		1504	37.95			50	0.2				
SHL	HN	300	146	IAML		1504	38.54			43	0.2				

April 30 2023 Hour: 21:56 6.5 Lat: 26.17N Lon: 90.23E D: 12.1 Ag: NCS Local
Magnitudes: 2.4ML NCS 2.5MW NCS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TURA	SZ	72	181	EP		2156	19.48	0.32							1.0
TURA	SE	72	181	ES		2156	28.17	-0.25							1.0
TURA	SE	72	181	IAML		2156	29.37			128	0.3				
TURA	SN	72	181	IAML		2156	29.46			183	0.3				
SHL	HZ	188	110	EP		2156	36.20	-0.10							1.0
SHL	HN	188	110	ES		2156	58.12	0.05							1.0
SHL	HN	188	110	IAML		2156	59.26			30	0.0				
SHL	HE	188	110	IAML		2156	59.27			22	0.2				
GTK	SZ	206	309	EP		2156	38.37	-0.17							1.0
GTK	SN	206	309	ES		2157	02.02	0.07							1.0
GTK	SN	206	309	IAML		2157	04.56			21	0.5				
GTK	SE	206	309	IAML		2157	05.01			25	0.1				
TAWA	SZ	226	45	EP		2156	40.78	-0.18							1.0
TAWA	SN	226	45	ES		2157	06.20	0.07							1.0
TAWA	SN	226	45	IAML		2157	12.09			77					
TAWA	SE	226	45	IAML		2157	13.89			79	0.2				
TEZP	SZ	261	78	EP		2156	44.91	-0.21							1.0
TEZP	SN	261	78	ES		2157	13.56	0.23							1.0
TEZP	SN	261	78	IAML		2157	19.61			39	0.2				
DHUB	SZ	29	236	EP		2156	12.08	0.17							1.0