

Monthly Seismological Bulletin

from the

National Center For Seismology

May

2023

Ministry of Earth Sciences
New Delhi
INDIA

Tel : 91-11-24619943
Fax : 91-11-24619943
E-Mail : seismo@imd.gov.in
Website : www.seismo.gov.in

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 (Uttrakhand) is:

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

The coda magnitude formula for CHAMOLI REGION given by :

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

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

LIST OF SEISMOLOGICAL STATIONS:

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

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

HNLY	32.7784N	78.9730E	4326
HYB	17.4186N	78.5518E	439
IMP	24.8311N	93.9465E	802
INDR	22.5321N	75.9203E	535
ITAN	27.1445N	93.7218E	227
JASL	26.9244N	70.9031E	262
JBPL	23.1960N	79.9443E	350
JDGP	19.0776N	82.0366E	496
JHJR	28.6095N	76.6429E	211
JHNI	25.4552N	78.6132E	240
JHSG	21.7609N	83.7730E	226
JMU	32.7810N	74.8309E	389
JMUI	24.9289N	86.2278E	80
JMUI	28.5618N	77.2821E	215
JODH	26.2568N	73.0407E	185
JORH	26.7428N	94.2511E	85
JOSI	30.5560N	79.5579E	1992
JPG	26.5473N	88.7106E	80
JPR	26.8211N	75.8178E	344
KAD	17.3076N	74.1835E	590
KDGU	12.4859N	75.9089E	798
KKR	29.9614N	76.8207E	250
KLBG	17.2922N	76.6630E	460
KLP	31.5466N	78.2604E	2672
KNKR	20.0616N	81.4989E	387
KNL	15.7619N	78.0363E	345
KNTI	23.0585N	85.2854E	642
KOCH	10.0802N	76.4516E	-78
KOD	10.2317N	77.4667E	2333
KOHI	25.7203N	94.1081E	1355
KUDL	28.1442N	76.4894E	287
LATR	18.4104N	76.5332E	639
LDR	28.5896N	77.2202E	209
LGTI	29.3990N	80.0879E	1657
LKN	26.7659N	80.8835E	105
LKP	27.3328N	95.8461E	143
MDRS	12.9900N	80.1820E	70
MERT	28.9740N	77.7349E	218
MNCY	08.2815N	73.0587E	2
MNGR	12.8923N	74.8677E	83
MOKO	26.3209N	94.5156E	1349
MUKT	29.4582N	79.6543E	2228
MUYR	30.0672N	80.2567E	2050
MYSR	12.4100N	76.5744E	701
NASK	20.0299N	73.7983E	555
NDI	28.6853N	77.2159E	239
NGP	21.1699N	79.0508E	360
NJFR	28.5704N	76.9040E	206
NPL	28.6375N	77.1692E	222
NRDN	22.2742N	76.4783E	286
NRLA	28.7843N	77.0955E	208
PALG	20.0341N	72.9070E	90
PASG	28.0614N	95.3260E	173
PAWL	28.1074N	77.3317E	189

HANLEY
HYDERABAD
IMPHAL
IIT INDORE
ITANAGAR
JAISALMER
JABALPUR
JAGDALPUR
JHAJJAR
JHANSI
JHARSUGUDA
JAMMU
JAMUI
JAMIA MILLIA ISLAMIA UNIVERSITY
JODHPUR
JORHAT
JOSHIMATH
JALPAIGURI
JAIPUR
KARAD
KODAGU
KURUKSHETRA
KALABURAGI
KALPA
KANKER
KURNOOL
KHUNTI
KOCHI
KODAIKANAL
KOHIMA
KUNDAL
LATUR
LODIROAD, NEW DELHI
LOHAGHAT
LUCKNOW
LEKHAPANI
CHENNAI
MEERUT
MINICOY
MANGALORE
MOKOKCHUNG
MUKTESHWAR
MUNSIYARI
MYSURU
NASIK
RIDGE DELHI
NAGPUR
NAJAFGARH
NPL PUSA NEW DELHI
NARMADANAGAR
NARELA DELHI
PALGHAR
PASIGHAT
PALWAL

PBA	11.6557N	92.7439E	18	PORT BLAIR
P00	18.5295N	73.8488E	560	PUNE
PTDI	28.3321N	76.7753E	240	PATAUDI
PTH	29.5856N	80.2040E	1601	PITHORAGARH
RAGD	19.2471N	83.4574E	259	RAYAGADA
RAIP	21.2116N	81.6590E	249	RAIPUR
RAJM	17.0639N	81.8737E	28	RAJAHMUNDRY
RTK	29.0335N	76.4144E	230	ROHTAK
SAIH	22.4893N	92.9875E	729	SAIHA
SALM	11.6562N	78.1568E	318	SALEM
SDNR	31.5304N	76.9058E	927	SUNDERNAGAR
SHBG	25.2327N	87.6332E	49	SAHIBGANJ
SHL	25.5668N	91.8559E	1553	SHILLONG
SILR	24.7813N	92.8003E	21	SILCHAR
SLPR	17.6703N	75.9230E	417	SOLAPUR
SMLA	31.1278N	77.1742E	2130	SHIMLA
SONA	28.2450N	77.0628E	227	SOHNA
SRAT	21.1448N	72.7547E	-45	SURAT
SRGN	29.9225N	73.8864E	187	SRIGANGANAGAR
SRIN	34.0507N	74.8046E	1606	SRINAGAR
STMR	26.7529N	85.2736E	55	SITAMARHI
SUPA	15.2625N	74.5349E	468	UTTAR KANNADA
TAWA	27.5938N	91.8668E	2970	TAWANG
TEZP	26.6168N	92.7888E	80	TEZPUR
THN	32.4408N	75.7575E	627	THEIN DAM
TKD	29.1487N	78.8551E	212	THAKURDWARA
TLWR	31.9559N	75.9559E	473	TALWARA
TPTI	13.7079N	79.5954E	150	IIT TIRUPATI
TRVM	08.5081N	76.9583E	30	THIRUVANTHAPURAM
TSSA	32.8366N	76.1503E	1781	TISSA
TURA	25.5168N	90.2242E	403	TURA
TUTG	28.9936N	94.8920E	533	TUTING
UDMP	32.9135N	75.1245E	1355	UDHAMPUR
UDPR	24.5801N	73.7128E	586	UDAIPUR
UNCH	28.4877N	78.1597E	197	UNCHAGAON
UTK	30.7303N	78.4460E	1150	UTTARKASHI
VAR	25.2680N	82.9919E	91	VARANASI
VISK	17.7218N	83.3297E	13	VISAKHAPATANAM
VJD	16.5161N	80.6458E	35	VIJAYAWADA
VLK	27.4417N	83.9232E	125	VALMIKINAGAR
VRVL	20.9078N	70.3570E	-49	VERAVAL
ZIRO	27.5265N	93.8549E	1604	ZIRO

Abbreviations:

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

References:

- Alsaker, A., Kvamme, L.B., Hansen, R.A., Dahle, A. and Bungum, H. (1991). The ML scale in Norway. Bull. Seism. Soc. Am., 81, pp. 379-398.
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- Yu, G., Khattri, K.N., Anderson, J.G., Brune, J.N., and Zeng, Y. (1995). Strong ground motion from Uttarkshi, Himalaya, Indian earthquakes: Comparison of observations with synthetics using the composit source model.

May 1 2023 Hour: 3:22 14.4 Lat: 26.32N Lon: 128.37E D: 10.0F Ag: NCS Distant
 Magnitudes: 5.5MW NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AURD	HZ			EP		0330	52.29								
TEZP	SZ	3536	279	EP		0328	38.40-0.66								1.0
SILR	SZ	3568	275	EP		0328	41.52-0.05								1.0
SHL	HZ	3633	277	EP		0328	46.82 0.03								1.0
GUWA	SZ	3652	278	EP		0328	47.47-0.81								1.0
BELO	SZ	3737	273	EP		0328	54.65-0.27								1.0
AGT	SZ	3742	274	EP		0328	56.09 0.77								1.0
TURA	SZ	3809	277	EP		0329	00.54 0.02								1.0
COBR	BZ	3871	279	EP		0329	05.36 0.09								1.0
GTK	SZ	3939	281	EP		0329	10.64 0.05								1.0
JPG	BZ	3941	279	EP		0329	10.77 0.08								1.0
DGPR	HZ	3971	255	EP		0329	12.75-0.44								0.0
CAL	BZ	4066	273	EP		0329	21.18 0.79								1.0
PBA	HZ	4068	253	EP		0329	20.05-0.56								0.0
SHBG	BZ	4071	278	EP		0329	20.79-0.04								1.0
JMUI	BZ	4217	277	EP		0329	33.43 1.58								0.9
STMR	BZ	4275	281	EP		0329	36.33 0.08								1.0
BWNR	BZ	4385	270	EP		0329	43.64-1.02								1.0
VLK	BZ	4395	282	EP		0329	44.56-0.73								1.0
GKPR	BZ	4456	281	EP		0329	49.76-0.12								1.0
VAR	BZ	4529	279	EP		0329	54.78-0.52								1.0
BRCH	BZ	4619	283	EP		0330	02.02 0.04								1.0
RAGD	BZ	4655	270	EP		0330	07.05 2.31								0.8
BLSP	BZ	4692	274	EP		0330	08.14 0.80								1.0
LKN	BZ	4705	282	EP		0330	09.31 1.06								1.0
PTH	BZ	4721	286	EP		0330	09.10-0.32								1.0
VISK	HZ	4723	268	EP		0330	09.48-0.13								1.0
LGTI	BZ	4736	286	EP		0330	09.10-1.42								0.9
JOSI	BZ	4770	287	EP		0330	13.28 0.33								1.0
RAIP	HZ	4770	273	EP		0330	13.56 0.44								1.0
MUKT	HZ	4776	286	EP		0330	13.56-0.20								1.0
HNLY	BZ	4800	291	EP		0330	15.07-0.13								1.0
JBPL	HZ	4883	277	EP		0330	19.67-1.52								0.9
DDI	HZ	4916	287	EP		0330	24.14 0.59								1.0
ALCI	BZ	4953	293	EP		0330	28.56 2.31								0.8
ASOR	BZ	4969	285	EP		0330	28.04 0.65								1.0
SMLA	HZ	4988	289	EP		0330	27.53-1.19								1.0
BHK	BZ	5007	289	EP		0330	30.39 0.28								1.0
SDNR	BZ	5008	289	EP		0330	29.54-0.62								1.0
CNWR	HZ	5016	276	EP		0330	31.90 1.06								1.0
JMIU	BZ	5019	285	EP		0330	31.16 0.20								1.0
FBD	HZ	5020	285	EP		0330	31.90 0.84								1.0
NDI	HZ	5024	285	EP		0330	31.59 0.18								1.0
LDR	HZ	5026	285	EP		0330	31.70 0.20								1.0
NPL	BZ	5029	285	EP		0330	31.89 0.21								1.0
CGRH	BZ	5031	288	EP		0330	32.64 0.81								1.0
NRLA	BZ	5033	285	EP		0330	31.59-0.40								1.0
AYAN	BZ	5037	285	EP		0330	30.60-1.68								0.9
VJD	BZ	5037	268	EP		0330	31.70-0.64								1.0
UJWA	BZ	5055	285	EP		0330	34.05 0.48								1.0
DHRM	HZ	5055	290	EP		0330	32.84-0.72								1.0
PTDI	HZ	5073	285	EP		0330	35.09 0.24								1.0
THN	BZ	5099	291	EP		0330	35.68-1.02								1.0
KUDL	HZ	5105	285	EP		0330	35.68-1.43								0.9
BHPL	HZ	5131	278	EP		0330	38.90-0.09								1.0
UDMP	HZ	5157	291	EP		0330	40.06-0.67								1.0
SRIN	BZ	5174	293	EP		0330	42.66 0.72								1.0
JMU	BZ	5186	291	EP		0330	42.85 0.02								1.0
AMRT	HZ	5195	290	EP		0330	44.13 0.75								1.0
HYB	HZ	5211	270	EP		0330	44.97 0.23								1.0

MDRS	HZ	5231	263	EP	0330	45.85	-0.24										1.0
SRGN	BZ	5320	288	EP	0330	52.03	-0.21										1.0
AJM	BZ	5323	283	EP	0330	53.06	0.58										1.0
BKNR	BZ	5413	285	EP	0330	59.19	0.48										1.0
UDPR	BZ	5460	281	EP	0331	01.71	-0.27										1.0
SLPR	HZ	5464	271	EP	0331	01.71	-0.64										1.0
JODH	HZ	5481	283	EP	0331	03.54	0.13										1.0
SALM	BZ	5492	263	EP	0331	03.54	-0.81										1.0
BLRY	HZ	5518	268	EP	0331	06.56	0.56										1.0
MYSR	HZ	5615	264	EP	0331	12.67	-0.01										1.0
KOD	BZ	5628	261	EP	0331	14.23	0.65										1.0
POO	HZ	5639	273	EP	0331	13.28	-0.99										1.0
KAD	BZ	5651	271	EP	0331	14.59	-0.50										1.0
BARM	HZ	5653	283	EP	0331	16.75	1.60										0.9
CHT	HZ	5672	261	EP	0331	15.76	-0.81										1.0
JASL	BZ	5672	284	EP	0331	15.52	-0.92										1.0
KDGU	HZ	5678	265	EP	0331	16.75	-0.26										1.0
PALG	HZ	5679	275	EP	0331	18.79	1.81										0.9
BHV	BZ	5698	278	EP	0331	17.57	-0.69										1.0
BOM	BZ	5729	274	EP	0331	19.61	-0.82										1.0
GOA	HZ	5758	269	EP	0331	21.37	-0.95										1.0
TRVM	HZ	5762	260	EP	0331	23.39	0.80										1.0
MNGI	BZ	5764	266	EP	0331	22.70	-0.03										1.0
MNC	HZ	6157	262	EP	0331	49.67	0.96										1.0

May 1 2023 Hour: 8:50 19.4 Lat: 29.53N Lon: 81.81E D: 36.1 Ag: NCS Local

Magnitudes: 2.9ML NCS 3.1MW NCS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PTH	BZ	156	273	EP		0850	42.96	0.14							1.0
PTH	BE	156	273	IAML		0851	01.70			298	0.3				
PTH	BN	156	273	IAML		0851	02.94			275	0.3				
LGTI	BZ	168	265	EP		0850	44.49	0.13							1.0
LGTI	BN	168	265	ES		0851	02.47	-0.15							1.0
LGTI	BE	168	265	IAML		0851	04.42			123	0.2				
MUKT	HZ	209	268	EP		0850	49.81	0.12							1.0
MUKT	HN	209	268	ES		0851	11.72	-0.11							1.0
MUKT	HN	209	268	IAML		0851	13.86			170	0.4				
MUKT	HE	209	268	IAML		0851	14.77			190	0.5				
JOSI	BZ	245	298	EP		0850	53.44	-0.31							1.0
JOSI	BN	245	298	ES		0851	18.80	-0.05							1.0
JOSI	BN	245	298	IAML		0851	26.43			100	0.5				
JOSI	BE	245	298	IAML		0851	29.80			110	0.8				
SMLA	HZ	480	293	EP		0851	22.29	-0.07							1.0
SMLA	HE	480	293	ES		0852	08.65	0.29							1.0
SMLA	HN	480	293	IAML		0852	09.17			15	0.3				
SMLA	HE	480	293	IAML		0852	10.53			16	0.4				

May 1 2023 Hour: 17:58 14.3 Lat: 28.52N Lon: 76.94E D: 12.6 Ag: NCS Local

Magnitudes: 2.0ML NCS 2.0MW NCS Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UJWA	BZ	5	330	EP		1758	16.52	-0.14							1.0
UJWA	BN	5	330	ES		1758	18.52	0.11							1.0
UJWA	BE	5	330	IAML		1758	19.47			224	0.2				
UJWA	BN	5	330	IAML		1758	19.70			113	0.2				
NPL	BZ	26	61	EP		1758	18.73	-0.50							1.0
NPL	BN	26	61	ES		1758	22.69	-0.16							1.0
NPL	BN	26	61	IAML		1758	24.00			248	0.2				
NPL	BE	26	61	IAML		1758	24.22			143	0.1				
LDR	HZ	28	76	EP		1758	19.64	-0.00							1.0
LDR	HN	28	76	ES		1758	23.82	0.25							1.0
LDR	HN	28	76	IAML		1758	24.50			179	0.4				
LDR	HE	28	76	IAML		1758	24.54			120	0.3				
NDI	HZ	32	56	EP		1758	20.15	-0.12							1.0
NDI	HN	32	56	ES		1758	24.87	0.22							1.0

NDI	HN	32	56	IAML	1758	25.27			90	0.1				
NDI	HE	32	56	IAML	1758	25.38			57	0.1				
NRLA	BZ	39	22	EP	1758	22.18	0.68							1.0
NRLA	BN	39	22	ES	1758	26.45	-0.33							1.0
NRLA	BE	39	22	IAML	1758	27.33			99	0.2				
NRLA	BN	39	22	IAML	1758	27.37			186	0.1				

May 2 2023 Hour: 0:54 18.5 Lat: 36.87N Lon: 71.53E D: 10.0F Ag: NCS Local
Magnitudes: 3.3ML NCS 3.3MW NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	431	135	EP		0055	18.54	0.32							1.0
SRIN	BN	431	135	ES		0056	01.52	-0.31							1.0
SRIN	BE	431	135	IAML		0056	10.12			979	0.8				
SRIN	BN	431	135	IAML		0056	10.75			622	0.2				
UDMP	HZ	548	142	EP		0055	32.30	-0.13							1.0
UDMP	HE	548	142	ES		0056	26.38	-0.05							1.0
ALCI	BZ	591	118	EP		0055	37.93	0.17							1.0
ALCI	BN	591	118	ES		0056	35.52	-0.12							1.0
ALCI	BE	591	118	IAML		0056	40.94			12	0.6				
ALCI	BN	591	118	IAML		0056	41.89			19	0.9				
THN	BZ	628	140	EP		0055	41.72	-0.53							1.0
THN	BN	628	140	ES		0056	43.36	-0.05							1.0
DHRM	HZ	674	138	EP		0055	47.68	-0.23							1.0
DHRM	HN	674	138	ES		0056	53.29	0.09							1.0
DHRM	HE	674	138	IAML		0056	57.20			37	0.1				
DHRM	HN	674	138	IAML		0056	57.70			88	0.3				
SDNR	BZ	771	138	EP		0056	00.50	0.78							1.0
SDNR	BN	771	138	ES		0057	13.44	-0.19							1.0
SDNR	BN	771	138	IAML		0057	14.01			16	0.5				
SDNR	BE	771	138	IAML		0057	16.03			9	0.6				
SMLA	HZ	822	139	EP		0056	05.57	-0.38							1.0
SMLA	HN	822	139	ES		0057	25.03	0.63							1.0
SMLA	HE	822	139	IAML		0057	27.93			22	0.3				
SMLA	HN	822	139	IAML		0057	28.69			17	0.2				

May 2 2023 Hour: 10:32 41.5 Lat: 36.83N Lon: 71.58E D: 72.0F Ag: NCS Local
Magnitudes: 4.4ML NCS 4.4MW NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	425	136	EP		1033	37.74	-0.12							1.0
SRIN	BE	425	136	IAML		1034	22.75			4088	1.0				
JMU	BZ	539	146	EP		1033	51.33	-0.38							1.0
JMU	BN	539	146	IAML		1034	48.28			1369	2.0				
JMU	BE	539	146	IAML		1034	49.84			2016	1.6				
UDMP	HZ	542	142	EP		1033	52.06	0.01							1.0
UDMP	HN	542	142	ES		1034	43.67	0.15							1.0
ALCI	BZ	585	118	EP		1033	58.85	1.50							1.0
ALCI	BN	585	118	ES		1034	53.71	1.01							1.0
THN	BZ	622	140	EP		1034	01.95	0.11							1.0
THN	BN	622	140	ES		1034	59.27	-1.20							1.0
DHRM	HZ	668	138	EP		1034	06.76	-0.72							1.0
DHRM	HE	668	138	ES		1035	09.76	-0.47							1.0
DHRM	HE	668	138	IAML		1035	14.05			786	0.6				
DHRM	HN	668	138	IAML		1035	16.88			707	0.9				
SDNR	BZ	765	139	EP		1034	20.37	1.09							1.0
SDNR	BN	765	139	ES		1035	31.48	0.84							1.0
SDNR	BN	765	139	IAML		1035	36.85			247	1.4				
SDNR	BE	765	139	IAML		1035	37.59			184	1.2				
BHK	BZ	780	139	EP		1034	20.18	-0.86							1.0
BHK	BN	780	139	ES		1035	33.10	-0.59							1.0
BHK	BE	780	139	IAML		1035	34.55			512	1.8				
BHK	BN	780	139	IAML		1035	37.96			581	1.3				
SRGN	BZ	796	164	EP		1034	22.42	-0.59							1.0
SRGN	BN	796	164	ES		1035	38.16	1.08							1.0
SRGN	BN	796	164	IAML		1035	44.07			621	1.7				

SRGN	BE	796	164	IAML	1035	50.84	708	0.6	
HNLY	BZ	812	121	EP	1034	24.20-0.80			1.0
HNLY	BN	812	121	ES	1035	39.83-0.70			1.0
HNLY	BE	812	121	IAML	1036	06.67	88	1.6	
HNLY	BN	812	121	IAML	1036	11.83	72	2.2	
SMLA	HZ	817	139	EP	1034	25.55 0.05			1.0
SMLA	HN	817	139	ES	1035	41.68 0.28			1.0
SMLA	HE	817	139	IAML	1035	49.19	424	0.7	
SMLA	HN	817	139	IAML	1035	51.57	466	2.4	
CGRH	BZ	830	143	EP	1034	27.14-0.01			1.0
CGRH	BE	830	143	ES	1035	44.27 0.02			1.0
CGRH	BE	830	143	IAML	1036	00.44	1303	1.1	
CGRH	BN	830	143	IAML	1036	01.87	1297	1.0	
BKNR	BZ	970	170	EP	1034	44.54 0.25			0.0
BKNR	BN	970	170	ES	1036	14.29 0.38			1.0
BKNR	BE	970	170	IAML	1036	18.78	275	0.8	
BKNR	BN	970	170	IAML	1036	23.75	184	1.0	
RTK	BZ	976	151	EP	1034	44.53-0.33			1.0
RTK	BE	976	151	ES	1036	14.44-0.45			1.0
RTK	BE	976	151	IAML	1036	15.68	354	0.2	
RTK	BN	976	151	IAML	1036	16.06	258	0.2	
JOSI	BZ	1015	131	EP	1034	49.77 0.07			1.0
JOSI	BN	1015	131	ES	1036	23.34 0.07			1.0
JOSI	BN	1015	131	IAML	1036	28.11	164	0.9	
JOSI	BE	1015	131	IAML	1036	41.92	107	1.1	
NRLA	BZ	1024	148	EP	1034	51.08 0.26			1.0
NRLA	BE	1024	148	ES	1036	25.25 0.05			1.0
NRLA	BN	1024	148	IAML	1036	28.26	189	0.9	
NRLA	BE	1024	148	IAML	1036	32.49	422	0.6	
BHGR	BZ	1033	149	EP	1034	51.93 0.02			1.0
BHGR	BE	1033	149	ES	1036	27.26 0.18			1.0
BHGR	BE	1033	149	IAML	1036	27.75	127	0.3	
BHGR	BN	1033	149	IAML	1036	27.92	246	0.4	
UJWA	BE	1044	150	ES	1036	29.80 0.32			1.0
MERT	BN	1044	145	IAML	1036	41.78	442	0.2	
UJWA	BZ	1044	150	EP	1034	53.61 0.32			1.0
UJWA	BE	1044	150	IAML	1037	01.36	559	1.6	
MERT	BZ	1044	145	EP	1034	53.13-0.17			1.0
MERT	BE	1044	145	ES	1036	29.34-0.16			1.0
MERT	BE	1044	145	IAML	1036	41.72	864	0.4	
NDI	HZ	1046	148	EP	1034	52.84-0.67			1.0
NDI	HN	1046	148	ES	1036	29.10-0.75			1.0
NDI	HN	1046	148	IAML	1036	57.65	60	0.8	
NDI	HE	1046	148	IAML	1037	01.07	70	1.9	
NPL	BZ	1048	149	EP	1034	53.38-0.39			1.0
NPL	BE	1048	149	ES	1036	30.08-0.22			1.0
NPL	BE	1048	149	IAML	1036	31.01	59	0.2	
NPL	BN	1048	149	IAML	1036	32.45	87	0.2	
LDR	HZ	1056	148	EP	1034	54.53-0.22			1.0
LDR	HE	1056	148	ES	1036	31.96-0.05			1.0
LDR	HE	1056	148	IAML	1036	33.62	404	0.4	
AYAN	BZ	1062	149	EP	1034	57.22 1.73			1.0
AYAN	BN	1062	149	ES	1036	33.43 0.15			1.0
AYAN	BN	1062	149	IAML	1037	04.35	83	1.5	
AYAN	BE	1062	149	IAML	1037	15.47	121	2.1	
ASOR	BZ	1066	145	EP	1034	55.86-0.12			1.0
ASOR	BN	1066	145	ES	1036	34.31 0.18			1.0
ASOR	BE	1066	145	IAML	1036	39.66	445	0.9	
KUDL	HE	1068	153	ES	1036	34.33-0.21			1.0
KUDL	HE	1068	153	IAML	1037	12.03	100	2.4	
BISR	BZ	1068	147	EP	1034	56.22 0.08			1.0
KUDL	HZ	1068	153	EP	1034	55.84-0.38			1.0
KUDL	HN	1068	153	IAML	1037	03.03	51	0.8	
BISR	BE	1068	147	ES	1036	34.77 0.37			1.0

PTH	BZ	1136	133	EP	1035	04.45	0.08										1.0
PTH	BN	1136	133	ES	1036	48.82	0.17										1.0
PTH	BE	1136	133	IAML	1037	20.65					62	1.2					
PTH	BN	1136	133	IAML	1037	29.41					72	3.5					

May 2 2023 Hour: 15:27 47.6

Ag: Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TURA	SZ			EP		1529	27.27								
TURA	SE			ES		1531	05.45								
GTK	SZ			EP		1529	47.73								
GTK	SN			ES		1531	40.22								
SHL	HZ			EP		1529	06.82								
SHL	HN			ES		1531	13.63								
AZL	SZ			EP		1528	53.06								
AZL	SN			ES		1529	55.76								
SAIH	SZ			EP		1529	08.87								
SAIH	SE			ES		1529	49.77								
TAWA	SZ			EP		1529	10.91								
TAWA	SN			ES		1530	38.86								
TEZP	SZ			EP		1528	54.55								
TEZP	SN			ES		1530	38.86								
BWNR	BZ			EP		1528	40.13								
BWNR	BE			ES		1530	36.54								
IMP	SZ			EP		1528	42.28								
IMP	SN			ES		1529	31.36								
KOHI	SZ			EP		1528	36.14								
KOHI	SN			ES		1529	10.91								
MOKO	SZ			EP		1528	36.14								
MOKO	SN			ES		1529	45.68								
ALBI	BZ			EP		1528	40.13								
ALBI	BE			ES		1531	07.17								
JBPL	HZ			EP		1529	02.43								
JBPL	HE			ES		1531	36.28								
CNWR	HZ			EP		1529	06.48								
CNWR	HE			ES		1531	46.40								
PTH	BZ			EP		1529	27.76								
PTH	BN			ES		1531	30.56								
NGP	BZ			EP		1529	27.76								
NGP	BN			ES		1531	51.02								
MUKT	HZ			EP		1529	10.53								
MUKT	HN			ES		1531	36.28								
JOSI	BZ			EP		1529	29.14								
JOSI	BN			ES		1531	41.89								
BHPL	HZ			EP		1531	59.98								
BHPL	HN			ES		1535	50.03								
KNKR	BZ			EP		1529	03.20								
KNKR	BN			ES		1531	28.51								
DIBR	SZ			EP		1528	44.32								
DIBR	SN			ES		1529	47.73								
NDI	HZ			EP		1529	25.71								
AYAN	BZ			EP		1528	56.47								
AYAN	BE			ES		1531	56.18								
NDI	HN			ES		1531	59.21								
DDI	HZ			EP		1531	51.22								
DDI	HN			ES		1535	35.13								
HYB	HZ			EP		1532	09.14								
HYB	HN			ES		1536	07.01								
INDR	HZ			EP		1529	16.60								
INDR	HN			ES		1532	18.79								
SMLA	HZ			EP		1532	01.24								
SMLA	HE			ES		1535	52.62								
BHK	BZ			EP		1529	37.31								
BHK	BN			ES		1532	14.56								
SDNR	BZ			EP		1530	10.74								

SDNR	BN	ES	1532	15.58
AJM	BN	ES	1532	22.73
DHRM	HZ	EP	1532	11.70
DHRM	HE	ES	1536	11.33
THN	BZ	EP	1530	23.02
THN	BN	ES	1532	23.77
ALCI	BZ	EP	1529	29.14
ALCI	BN	ES	1532	16.60
UDMP	HZ	EP	1529	06.48
UDMP	HN	ES	1532	28.91
JMU	BZ	EP	1530	14.07
JMU	BE	ES	1532	34.98
AJM	BZ	EP	1529	04.64
DHUB	SZ	EP	1529	00.69

May 2 2023 Hour: 15:37 38.6

Ag: Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DIBR	SZ			EP		1538	43.97								
DIBR	SE			ES		1540	46.19								
MOKO	SZ			EP		1539	30.82								
MOKO	SE			ES		1540	16.99								
KOHI	SZ			EP		1538	52.12								
KOHI	SN			ES		1539	53.23								
IMP	SZ			EP		1538	33.78								
IMP	SN			ES		1540	01.38								
CMPI	HZ			EP		1539	46.30								
CMPI	HN			ES		1540	55.13								
AZL	SZ			EP		1538	56.19								
AZL	SN			ES		1540	25.82								
TAWA	SZ			EP		1540	01.38								
TAWA	SN			ES		1541	24.90								
SAIH	SZ			EP		1540	02.46								
SAIH	SN			ES		1540	58.42								
AGT	SZ			EP		1539	31.64								
AGT	SE			ES		1540	51.35								
VLK	BZ			EP		1539	38.59								
VLK	BE			ES		1541	20.74								
ALBI	BZ			EP		1538	40.44								
ALBI	BE			ES		1540	14.19								

May 2 2023 Hour: 15:57 38.3

Lat: 37.86N Lon: 72.89E D: 17.9

Ag: NCS Regional

Magnitudes: 3.5ML NCS 3.4MW NCS

Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	560	135	EP		1558	52.77	-0.09							1.0
ALCI	BN	560	135	ES		1559	47.34	0.05							1.0
ALCI	BE	560	135	IAML		1559	56.05			36	0.4				
ALCI	BN	560	135	IAML		1559	57.31			40	0.2				
UDMP	HZ	585	159	EP		1558	55.88	-0.03							1.0
UDMP	HN	585	159	ES		1559	52.59	0.03							1.0
THN	BZ	657	155	EP		1559	04.67	-0.08							1.0
DHRM	HZ	696	152	EP		1559	09.85	0.32							1.0
DHRM	HN	696	152	ES		1600	16.02	-0.11							1.0
DHRM	HN	696	152	IAML		1600	22.15			123	0.4				
DHRM	HE	696	152	IAML		1600	22.38			141	0.4				
SDNR	BZ	792	151	EP		1559	21.13	-0.05							1.0
SDNR	BE	792	151	ES		1600	36.32	0.04							1.0
SDNR	BE	792	151	IAML		1600	39.42			25	0.7				
SMLA	HZ	844	151	EP		1559	27.42	-0.06							1.0
SMLA	HN	844	151	ES		1600	47.18	-0.01							1.0
SMLA	HE	844	151	IAML		1600	49.91			73	0.3				
SMLA	HN	844	151	IAML		1600	52.32			61	0.3				

May 2 2023 Hour: 20: 9 18.8 Ag: Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHPL	HZ			EP		2020	51.99								
DDI	HZ			EP		2021	00.09								
DHRM	HZ			EP		2021	14.25								
SMLA	HZ			EP		2021	08.18								
AMRT	HZ			EP		2019	58.54								
UDMP	HZ			EP		2021	21.51								
AZL	SZ			EP		2019	23.83								
DHUB	SZ			EP		2019	50.40								
GTK	SZ			EP		2019	56.53								
IMP	SZ			EP		2019	19.74								
KOHI	SZ			EP		2019	21.78								
MOKO	SZ			EP		2019	21.78								
SAIH	SZ			EP		2019	19.74								
TAWA	SZ			EP		2019	46.31								
TEZP	SZ			EP		2019	32.01								
TURA	SZ			EP		2019	48.36								
JOSI	BZ			EP		2020	54.43								
ALCI	BZ			EP		2021	12.70								
RAGD	BZ			EP		2020	09.81								
SDNR	BZ			EP		2021	13.12								
KNKR	BZ			EP		2020	28.19								
VLK	BZ			EP		2020	28.19								
NDI	HZ			EP		2021	04.96								

May 2 2023 Hour: 21:21 57.6 Lat: 28.12N Lon: 87.32E D: 15.4 Ag: NCS Local
Magnitudes: 3.1ML NCS 3.1MW NCS Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GTK	SZ	155	125	EP		2122	22.88	-0.09							1.0
GTK	SN	155	125	ES		2122	41.15	-0.32							1.0
GTK	SE	155	125	IAML		2122	49.05			211	0.3				
GTK	SN	155	125	IAML		2122	50.15			185	0.3				
STMR	BZ	253	234	EP		2122	34.88	-0.06							1.0
STMR	BE	253	234	IAML		2123	00.52			1301	0.5				
STMR	BN	253	234	IAML		2123	01.03			991	0.3				
STMR	BN	253	234	ES		2123	02.42	0.25							1.0
VLK	BZ	343	258	EP		2122	45.79	-0.18							1.0
VLK	BN	343	258	ES		2123	21.18	-0.07							1.0
VLK	BE	343	258	IAML		2123	21.78			84	0.1				
VLK	BN	343	258	IAML		2123	22.87			46	0.1				
DHUB	SZ	353	131	EP		2122	47.09	-0.06							1.0
TURA	SZ	408	134	EP		2122	54.38	0.47							1.0
TURA	SE	408	134	ES		2123	35.42	0.43							1.0
TURA	SE	408	134	IAML		2123	36.86			43	0.3				
TURA	SN	408	134	IAML		2123	37.54			47	0.1				
TAWA	SZ	452	96	EP		2122	58.92	-0.29							1.0
TAWA	SN	452	96	ES		2123	44.43	0.27							1.0
TAWA	SE	452	96	IAML		2123	55.49			48	0.2				
KOHI	SZ	725	110	EP		2123	32.74	0.16							1.0
KOHI	SN	725	110	ES		2124	41.92	0.02							1.0
KOHI	SE	725	110	IAML		2124	51.53			11	0.4				
SAIH	SZ	845	136	EP		2123	47.36	0.03							1.0
SAIH	SN	845	136	ES		2125	06.84	-0.57							1.0
SAIH	SE	845	136	IAML		2125	14.32			8	0.4				
SAIH	SN	845	136	IAML		2125	17.59			5	1.3				

May 3 2023 Hour: 1:32 36.4 Lat: 38.05N Lon: 73.48E D: 99.0F Ag: NCS Local
Magnitudes: 4.2ML NCS 4.1MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	540	141	EP		0133	47.15	0.09							1.0
ALCI	BN	540	141	ES		0134	38.55	-0.08							1.0
ALCI	BN	540	141	IAML		0134	44.95			252	0.2				
ALCI	BE	540	141	IAML		0134	45.07			255	0.3				
UDMP	HZ	589	165	EP		0133	52.98	0.15							1.0
UDMP	HN	589	165	ES		0134	48.68	0.07							1.0
JMU	BZ	597	168	EP		0133	53.44	-0.44							1.0
JMU	BN	597	168	ES		0134	50.48	0.06							1.0
JMU	BN	597	168	IAML		0134	53.83			758	0.7				
JMU	BE	597	168	IAML		0134	54.03			936	0.6				
THN	BZ	657	161	EP		0134	01.19	0.11							1.0
THN	BN	657	161	ES		0135	02.93	0.05							1.0
DHRM	HZ	693	157	EP		0134	05.30	-0.15							1.0
DHRM	HN	693	157	ES		0135	10.45	0.01							1.0
DHRM	HE	693	157	IAML		0135	17.45			515	1.4				
DHRM	HN	693	157	IAML		0135	22.91			479	0.1				
HNLY	BZ	768	138	EP		0134	14.33	-0.20							1.0
HNLY	BN	768	138	ES		0135	26.24	0.09							1.0
HNLY	BE	768	138	IAML		0135	32.94			27	1.3				
HNLY	BN	768	138	IAML		0135	33.86			45	1.9				
SDNR	BZ	787	156	EP		0134	16.84	0.08							1.0
SDNR	BN	787	156	ES		0135	29.91	-0.10							1.0
SDNR	BE	787	156	IAML		0135	34.78			114	0.4				
SDNR	BN	787	156	IAML		0135	34.96			124	0.3				
BHK	BZ	803	156	EP		0134	18.70	0.01							1.0
BHK	BN	803	156	ES		0135	33.36	0.02							1.0
BHK	BN	803	156	IAML		0135	35.76			287	0.8				
BHK	BE	803	156	IAML		0135	36.98			263	0.4				
SMLA	HZ	839	155	EP		0134	23.06	0.11							1.0
SMLA	HE	839	155	ES		0135	40.74	0.03							1.0
SMLA	HE	839	155	IAML		0135	42.88			347	0.6				
SMLA	HN	839	155	IAML		0135	43.79			169	0.5				
DDI	HZ	955	152	EP		0134	36.92	0.02							1.0
DDI	HE	955	152	ES		0136	04.93	0.08							1.0
DDI	HE	955	152	IAML		0136	12.29			289	0.4				
DDI	HN	955	152	IAML		0136	12.62			213	0.3				
JOSI	BZ	1001	144	EP		0134	42.72	0.20							1.0
JOSI	BN	1001	144	ES		0136	14.41	-0.16							1.0
JOSI	BE	1001	144	IAML		0136	20.41			295	1.1				
JOSI	BN	1001	144	IAML		0136	22.02			221	0.6				
NDI	HZ	1094	160	EP		0134	53.82	0.01							1.0
NDI	HN	1094	160	ES		0136	34.02	-0.08							1.0
NDI	HE	1094	160	IAML		0136	39.79			98	0.5				
NDI	HN	1094	160	IAML		0136	40.05			45	0.2				

May 3 2023 Hour: 3:37 2.0 Lat: 20.83N Lon: 94.46E D: 37.6 Ag: NCS Local
Magnitudes: 3.2ML NCS 3.3MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SAIH	SZ	239	320	EP		0337	35.44	-0.07							1.0
SAIH	SE	239	320	IAML		0338	02.63			296	0.4				
SAIH	SN	239	320	IAML		0338	03.36			175	0.4				
CMPI	HZ	318	338	EP		0337	45.37	0.04							1.0
CMPI	HN	318	338	ES		0338	16.84	-0.08							1.0
CMPI	HE	318	338	IAML		0338	19.84			206	0.3				
CMPI	HN	318	338	IAML		0338	20.34			122	0.3				
AZL	SZ	370	331	EP		0337	51.62	0.11							1.0
AZL	SN	370	331	ES		0338	27.66	0.04							1.0
AZL	SN	370	331	IAML		0338	32.07			45	0.3				
AZL	SE	370	331	IAML		0338	33.91			78	0.5				
SHL	HZ	582	335	EP		0338	17.33	-0.07							1.0

May 3 2023 Hour: 9:51 19.5 Lat: 36.40N Lon: 70.69E D:169.0F Ag: NCS Regional
 Magnitudes: 5.6ML NCS 5.2MW NCS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	456	124	EP		0952	21.42	-0.05							1.0
SRIN	BN	456	124	ES		0953	06.62	-0.09							1.0
SRIN	BE	456	124	IAML		0953	18.76		31156	1.7					1.0
JMU	BZ	553	135	EP		0952	32.70	-0.05							1.0
JMU	BN	553	135	IAML		0953	34.38		22677	0.5					1.0
JMU	BE	553	135	IAML		0953	39.85		16487	0.6					1.0
UDMP	HZ	561	132	EP		0952	33.66	-0.01							1.0
UDMP	HN	561	132	ES		0953	27.68	-0.13							1.0
ALCI	BZ	638	110	EP		0952	42.90	0.09							1.0
ALCI	BN	638	110	ES		0953	43.91	0.28							1.0
ALCI	BE	638	110	IAML		0953	48.57		2084	0.6					1.0
ALCI	BN	638	110	IAML		0953	49.40		2357	0.7					1.0
THN	BZ	643	132	EP		0952	43.61	0.21							1.0
THN	BN	643	132	ES		0953	44.64	-0.01							1.0
DHRM	HZ	692	130	EP		0952	49.26	0.04							1.0
DHRM	HN	692	130	IAML		0954	01.28		13215	0.3					1.0
DHRM	HE	692	130	IAML		0954	01.48		8894	0.7					1.0
SRGN	BZ	778	157	EP		0952	59.37	-0.03							1.0
SRGN	BE	778	157	ES		0954	12.32	-0.01							1.0
SRGN	BE	778	157	IAML		0954	18.12		16777	0.8					1.0
SDNR	BZ	788	131	EP		0953	00.62	0.05							1.0
SDNR	BE	788	131	ES		0954	14.40	0.04							1.0
SDNR	BE	788	131	IAML		0954	20.74		4401	0.3					1.0
SDNR	BN	788	131	IAML		0954	21.02		3478	0.6					1.0
BHK	BZ	801	132	EP		0953	02.18	0.00							1.0
BHK	BN	801	132	ES		0954	16.98	-0.15							1.0
BHK	BN	801	132	IAML		0954	19.12		5539	0.6					1.0
BHK	BE	801	132	IAML		0954	20.90		3049	0.3					1.0
SMLA	HZ	838	132	EP		0953	06.59	0.08							1.0
SMLA	HN	838	132	ES		0954	24.74	0.12							1.0
SMLA	HE	838	132	IAML		0954	32.77		3642	0.8					1.0
SMLA	HN	838	132	IAML		0954	35.02		5502	1.0					1.0
CGRH	BZ	845	136	EP		0953	07.01	-0.36							1.0
CGRH	BN	845	136	ES		0954	26.06	-0.06							1.0
CGRH	BE	845	136	IAML		0954	30.55		19153	0.9					1.0
CGRH	BN	845	136	IAML		0954	31.36		13490	0.6					1.0
HNLY	BZ	859	116	EP		0953	09.14	0.04							1.0
HNLY	BE	859	116	ES		0954	29.27	0.15							1.0
HNLY	BE	859	116	IAML		0954	37.31		423	1.9					1.0
HNLY	BN	859	116	IAML		0954	42.71		318	1.5					1.0
BKNR	BZ	941	164	EP		0953	19.08	0.15							1.0
BKNR	BN	941	164	ES		0954	46.10	-0.02							1.0
BKNR	BE	941	164	IAML		0954	56.18		10537	1.2					1.0
BKNR	BN	941	164	IAML		0954	57.09		11221	1.2					1.0
DDI	HZ	961	132	EP		0953	21.29	0.10							1.0
DDI	HN	961	132	ES		0954	50.02	-0.01							1.0
DDI	HN	961	132	IAML		0955	02.29		3794	1.9					1.0
DDI	HE	961	132	IAML		0955	04.76		4890	1.1					1.0
CHUR	HZ	985	155	EP		0953	24.25	0.07							1.0
CHUR	HN	985	155	IAML		0955	00.80		7717	0.8					1.0
CHUR	HE	985	155	IAML		0955	01.33		11052	0.7					1.0
NRLA	BZ	1030	143	EP		0953	29.39	-0.11							1.0
NRLA	BN	1030	143	ES		0955	04.36	-0.04							1.0
NRLA	BN	1030	143	IAML		0955	11.13		4795	1.0					1.0
NRLA	BE	1030	143	IAML		0955	11.51		3660	0.9					1.0
BHGR	BZ	1037	144	EP		0953	29.83	-0.49							1.0
BHGR	BN	1037	144	ES		0955	05.82	-0.01							1.0
BHGR	BE	1037	144	IAML		0955	08.51		4470	1.6					1.0
BHGR	BN	1037	144	IAML		0955	13.53		3545	1.2					1.0
UJWA	BZ	1047	144	EP		0953	31.72	0.13							1.0

UJWA	BE	1047	144	ES	0955	08.02	0.01			1.0
UJWA	BN	1047	144	IAML	0955	12.83		5072	0.4	
UJWA	BE	1047	144	IAML	0955	13.15		6356	0.6	
JOSI	BZ	1048	126	EP	0953	31.57-0.05				1.0
JOSI	BN	1048	126	ES	0955	08.10	0.04			1.0
JOSI	BE	1048	126	IAML	0955	15.55		1597	0.3	
JOSI	BN	1048	126	IAML	0955	18.94		2675	0.9	
JASL	BZ	1051	179	EP	0953	32.18	0.11			1.0
JASL	BN	1051	179	ES	0955	08.76-0.08				1.0
JASL	BE	1051	179	IAML	0955	15.73		10254	0.8	
NDI	HZ	1052	143	EP	0953	31.83-0.31				1.0
NDI	HE	1052	143	ES	0955	09.02	0.05			1.0
NDI	HN	1052	143	IAML	0955	14.12		1358	0.9	
NDI	HE	1052	143	IAML	0955	18.00		533	0.2	
NPL	BZ	1054	143	EP	0953	32.42	0.09			1.0
NPL	BN	1054	143	ES	0955	09.16-0.14				1.0
NPL	BN	1054	143	IAML	0955	14.18		2764	0.5	
NPL	BE	1054	143	IAML	0955	17.60		1536	0.4	
MERT	BZ	1055	139	EP	0953	32.65	0.07			1.0
MERT	BE	1055	139	ES	0955	09.72-0.00				1.0
MERT	BE	1055	139	IAML	0955	14.06		1777	0.6	
MERT	BN	1055	139	IAML	0955	18.50		1565	0.6	
LDR	HZ	1061	143	EP	0953	33.42	0.11			1.0
LDR	HN	1061	143	ES	0955	10.82-0.17				1.0
LDR	HN	1061	143	IAML	0955	16.28		5298	1.3	
LDR	HE	1061	143	IAML	0955	23.83		8038	1.2	
PTDI	HZ	1063	146	EP	0953	33.52	0.05			1.0
PTDI	HN	1063	146	ES	0955	11.31	0.04			1.0
AYAN	BN	1066	144	IAML	0955	16.95		1909	1.2	
KUDL	HE	1066	148	IAML	0955	15.68		2909	0.7	
AYAN	BN	1066	144	ES	0955	12.05	0.07			1.0
KUDL	HN	1066	148	IAML	0955	16.88		1733	0.9	
AYAN	BZ	1066	144	EP	0953	34.01	0.13			1.0
KUDL	HZ	1066	148	EP	0953	33.91	0.07			1.0
KUDL	HN	1066	148	ES	0955	11.92	0.01			1.0
AYAN	BE	1066	144	IAML	0955	20.21		1168		
JMIU	BZ	1067	143	EP	0953	33.85-0.06				1.0
JMIU	BN	1067	143	ES	0955	12.05	0.02			1.0
JMIU	BE	1067	143	IAML	0955	19.32		5201	0.5	
JMIU	BN	1067	143	IAML	0955	20.63		4108	0.3	
BISR	BZ	1075	142	EP	0953	35.06	0.21			1.0
BISR	BE	1075	142	ES	0955	13.92	0.26			1.0
ASOR	BZ	1077	140	EP	0953	34.67-0.43				1.0
ASOR	BN	1077	140	ES	0955	13.57-0.51				1.0
ASOR	BN	1077	140	IAML	0955	22.83		6154	0.8	
ASOR	BE	1077	140	IAML	0955	24.14		3051	0.6	
FBD	HZ	1082	143	EP	0953	35.53-0.27				1.0
FBD	HE	1082	143	IAML	0955	24.08		7869	1.1	
FBD	HN	1082	143	IAML	0955	24.26		8983	0.6	
MUKT	HZ	1137	130	EP	0953	42.82	0.14			1.0
MUKT	HN	1137	130	ES	0955	27.24	0.04			1.0
MUKT	HN	1137	130	IAML	0955	31.85		697	0.4	
MUKT	HE	1137	130	IAML	0955	36.02		867	0.9	
JODH	HZ	1147	168	EP	0953	43.65	0.12			1.0
JODH	HN	1147	168	ES	0955	28.42-0.25				1.0
JODH	HN	1147	168	IAML	0955	34.57		2884	0.9	
JODH	HE	1147	168	IAML	0955	35.05		3610	0.3	
PTH	BZ	1166	128	EP	0953	45.77	0.00			1.0
PTH	BN	1166	128	ES	0955	32.43-0.11				1.0
PTH	BN	1166	128	IAML	0955	40.29		506		
PTH	BE	1166	128	IAML	0955	40.66		535	0.7	
AJM	BZ	1168	160	EP	0953	46.05	0.01			1.0
AJM	BE	1168	160	ES	0955	32.81-0.20				1.0
AJM	BE	1168	160	IAML	0955	53.48		1089	1.1	

AJM	BN	1168	160	IAML	0955	58.33		1218	0.7	
LGTI	BZ	1172	129	EP	0953	46.75	0.16			1.0
LGTI	BN	1172	129	ES	0955	33.96	-0.01			1.0
LGTI	BN	1172	129	IAML	0955	39.87		566	1.0	
LGTI	BE	1172	129	IAML	0955	40.88		487	0.6	
BARM	HZ	1183	176	EP	0953	47.61	-0.20			1.0
BARM	HE	1183	176	ES	0955	36.13	0.05			1.0
BARM	HE	1183	176	IAML	0955	49.77		5779	0.4	
BARM	HN	1183	176	IAML	0955	51.26		9223	1.1	
GWAL	HZ	1336	146	EP	0954	06.29	0.07			1.0
GWAL	HN	1336	146	ES	0956	08.00	0.07			1.0
GWAL	HN	1336	146	IAML	0956	12.61		1762	0.7	
GWAL	HE	1336	146	IAML	0956	15.93		2749	0.5	
UDPR	BZ	1342	167	EP	0954	07.04	0.06			1.0
UDPR	BN	1342	167	ES	0956	09.35	0.11			1.0
UDPR	BN	1342	167	IAML	0956	18.04		1207	1.3	
UDPR	BE	1342	167	IAML	0956	18.14		1631	0.8	
GUNA	BZ	1449	152	EP	0954	19.92	0.07			1.0
GUNA	BN	1449	152	ES	0956	31.54	0.03			1.0
GUNA	BE	1449	152	IAML	0956	36.06		1583	0.6	
GUNA	BN	1449	152	IAML	0956	37.50		836	1.0	
BHUJ	HZ	1461	184	EP	0954	20.99	-0.26			0.0
BHUJ	HN	1461	184	ES	0956	34.01	0.08			1.0
BHUJ	HE	1461	184	IAML	0956	46.64		1818	1.0	
BHUJ	HN	1461	184	IAML	0956	47.01		1414	0.7	
BHPL	HZ	1596	154	EP	0954	34.60	-0.39			1.0
BHPL	HN	1596	154	ES	0957	15.88	0.73			1.0
BHPL	HN	1596	154	IAML	0957	19.37		444	1.1	
BHPL	HE	1596	154	IAML	0957	30.12		580	0.9	
INDR	HZ	1618	160	EP	0954	37.58	0.12			1.0
INDR	HN	1618	160	ES	0957	20.17	0.27			1.0
INDR	HE	1618	160	IAML	0957	27.50		507	1.0	
ALBI	BZ	1623	136	EP	0954	38.06	0.01			1.0
ALBI	BN	1623	136	ES	0957	20.89	-0.14			1.0
ALBI	BN	1623	136	IAML	0957	22.72		225	0.8	
ALBI	BE	1623	136	IAML	0957	23.94		354	1.4	
JBPL	HZ	1713	146	EP	0954	47.99	0.03			1.0
JBPL	HN	1713	146	ES	0957	40.01	-0.11			1.0
CNWR	HZ	1779	151	EP	0954	55.22	-0.04			1.0
CNWR	HE	1779	151	ES	0957	53.84	0.01			1.0
CNWR	HE	1779	151	IAML	0957	54.93		180	0.3	
CNWR	HN	1779	151	IAML	0957	56.18		151	0.6	
RAIP	HZ	1991	145	EP	0955	16.69	0.16			1.0
RAIP	HE	1991	145	ES	0958	34.11	-0.09			1.0
RAIP	HN	1991	145	IAML	0958	44.61		292	0.6	
RAIP	HE	1991	145	IAML	0958	44.68		314	1.0	

May 3 2023 Hour: 9:57 58.8 Lat: 17.59N Lon: 74.67E D: 5.2 Ag: NCS Local

Magnitudes: 2.8ML NCS 2.8MW NCS Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KAD	BZ	60	239	EP		0958	09.33	0.12							1.0
KAD	BN	60	239	ES		0958	16.82	-0.01							1.0
KAD	BN	60	239	IAML		0958	22.27		164	1.0					
KAD	BE	60	239	IAML		0958	22.40		85	0.4					
SLPR	HZ	133	86	EP		0958	22.12	0.18							1.0
SLPR	HN	133	86	ES		0958	39.10	0.25							1.0
SLPR	HN	133	86	IAML		0958	40.73		71	0.2					
SLPR	HE	133	86	IAML		0958	41.06		75	0.4					
P00	HZ	136	320	EP		0958	22.34	0.08							1.0
P00	HN	136	320	ES		0958	39.32	-0.09							1.0
P00	HN	136	320	IAML		0958	41.35		204	0.2					
P00	HE	136	320	IAML		0958	41.49		178	0.2					
BOM	BZ	244	307	EP		0958	36.01	-0.30							1.0
BOM	BE	244	307	ES		0959	04.36	0.65							1.0

BOM	BE	244	307	IAML	0959	21.36		4	0.7	
BOM	BN	244	307	IAML	0959	23.60		200	1.3	
BLRY	HZ	310	145	EP	0958	43.92-0.39				1.0
BLRY	HE	310	145	ES	0959	17.55-0.01				1.0
BLRY	HE	310	145	IAML	0959	28.27		73	0.3	
PALG	HZ	328	326	EP	0958	46.38-0.13				1.0
PALG	HE	328	326	ES	0959	21.22-0.15				1.0
PALG	HE	328	326	IAML	0959	24.48		351	1.1	
HYB	HZ	413	92	EP	0958	56.45-0.47				1.0
HYB	HE	413	92	ES	0959	39.31-0.06				1.0
HYB	HE	413	92	IAML	0959	44.26		126	1.9	
HYB	HN	413	92	IAML	0959	44.45		62	1.1	
ATP	HZ	458	136	EP	0959	02.38-0.02				1.0
ATP	HE	458	136	ES	0959	49.20 0.35				1.0
ATP	HE	458	136	IAML	1000	03.89		37	1.3	

May 3 2023 Hour: 10:33 46.6 Lat: 38.23N Lon: 73.42E D: 18.0F Ag: NCS Local

Magnitudes: 3.6ML NCS 3.5MW NCS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	560	142	EP		1035	01.07-0.05								1.0
ALCI	BE	560	142	ES		1035	55.62 0.12								1.0
UDMP	HZ	610	165	EP		1035	07.28 0.06								1.0
UDMP	HN	610	165	ES		1036	06.12 0.07								1.0
DHRM	HZ	714	158	EP		1035	20.00 0.03								1.0
DHRM	HN	714	158	ES		1036	28.22 0.11								1.0
DHRM	HN	714	158	IAML		1036	38.42			64	0.2				
DHRM	HE	714	158	IAML		1036	40.53			66	0.9				
SDNR	BZ	808	156	EP		1035	31.68 0.26								1.0
SDNR	BE	808	156	ES		1036	47.76-0.16								1.0
SMLA	HZ	860	155	EP		1035	37.39-0.30								1.0
SMLA	HN	860	155	ES		1036	58.62-0.14								1.0
SMLA	HE	860	155	IAML		1037	03.97			48	0.7				
SMLA	HN	860	155	IAML		1037	06.03			28	0.1				

May 3 2023 Hour: 23:19 36.6 Lat: 24.86N Lon: 95.04E D:126.2 Ag: NCS Local

Magnitudes: 2.9ML NCS 2.9MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IMP	SZ	111	268	EP		2319	59.12 0.03								1.0
IMP	SN	111	268	ES		2320	15.52 0.04								1.0
IMP	SN	111	268	IAML		2320	21.90			82	0.6				
IMP	SE	111	268	IAML		2320	25.06			35	0.2				
KOHI	SZ	134	315	EP		2320	01.05-0.11								1.0
KOHI	SN	134	315	ES		2320	19.01-0.06								1.0
KOHI	SE	134	315	IAML		2320	23.53			24	0.4				
MOKO	SZ	170	342	EP		2320	04.76-0.00								1.0
MOKO	SN	170	342	ES		2320	25.33 0.03								1.0
MOKO	SE	170	342	IAML		2320	27.42			127	0.4				
CMPI	HZ	233	230	EP		2320	11.65 0.01								1.0
CMPI	HN	233	230	ES		2320	37.14-0.05								1.0
CMPI	HN	233	230	IAML		2320	41.14			119	0.4				
CMPI	HE	233	230	IAML		2320	41.90			133	0.7				
AZL	SZ	270	243	EP		2320	15.65 0.03								1.0
AZL	SN	270	243	ES		2320	44.06-0.03								1.0
AZL	SN	270	243	IAML		2320	47.22			48	0.3				
AZL	SE	270	243	IAML		2320	47.53			92	0.4				
TEZP	SZ	298	311	EP		2320	18.86 0.11								1.0
TEZP	SN	298	311	ES		2320	49.60 0.11								1.0
TEZP	SN	298	311	IAML		2320	50.41			204	0.1				
SAIH	SZ	337	219	EP		2320	23.39 0.03								1.0
SAIH	SN	337	219	ES		2320	57.49 0.01								1.0
SAIH	SE	337	219	IAML		2321	05.22			59	0.3				
TAWA	SZ	438	314	EP		2320	35.20-0.10								1.0
TAWA	SN	438	314	ES		2321	18.06-0.07								1.0
TAWA	SN	438	314	IAML		2321	20.32			102	0.3				

TAWA SE 438 314 IAML 2321 21.53 89 0.1

May 3 2023 Hour: 23:42 49.1

Ag: NCS Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DGPR	HZ			EP		2346	30.42								
DGPR	HE			ES		2348	16.31								

May 3 2023 Hour: 23:49 13.7

Lat: 27.05N Lon: 96.36E D: 11.4

Ag: NCS Local

Magnitudes: 3.8ML NCS 3.7MW NCS

Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MOKO	SZ	200	247	EP		2349	45.18	0.02							1.0
MOKO	SN	200	247	ES		2350	07.99	-0.10							1.0
MOKO	SE	200	247	IAML		2350	15.63			682	1.2				
MOKO	SN	200	247	IAML		2350	25.87			817	0.8				
KOHI	SZ	268	237	EP		2349	53.55	0.12							1.0
KOHI	SN	268	237	ES		2350	22.45	0.05							1.0
IMP	SZ	344	225	EP		2350	02.78	0.10							1.0
IMP	SN	344	225	ES		2350	38.44	0.04							1.0
TEZP	SZ	357	263	EP		2350	04.37	0.18							1.0
TEZP	SN	357	263	ES		2350	40.74	-0.28							1.0
SILR	SZ	435	236	EP		2350	14.08	0.27							1.0
SILR	SN	435	236	ES		2350	57.14	-0.52							1.0
SILR	SE	435	236	IAML		2351	07.39			257	0.6				
SILR	SN	435	236	IAML		2351	10.34			403	0.9				
TAWA	SZ	448	279	EP		2350	15.63	0.21							1.0
TAWA	SN	448	279	ES		2351	00.41	-0.04							1.0
TAWA	SN	448	279	IAML		2351	32.38			809	1.1				
TAWA	SE	448	279	IAML		2351	34.56			856	0.6				
SHL	HZ	466	250	EP		2350	17.73	0.18							1.0
SHL	HN	466	250	ES		2351	04.26	0.13							1.0
SHL	HE	466	250	IAML		2351	08.26			186	0.6				
SHL	HN	466	250	IAML		2351	09.94			216	0.9				
CMPI	HZ	499	219	EP		2350	21.15	-0.63							1.0
CMPI	HN	499	219	ES		2351	11.51	0.07							1.0
AZL	SZ	520	226	EP		2350	24.16	-0.01							1.0
AZL	SN	520	226	ES		2351	16.02	0.44							1.0
DHUB	SZ	644	261	EP		2350	39.19	-0.08							1.0
GTK	SZ	769	274	EP		2350	54.22	-0.36							1.0
GTK	SN	769	274	ES		2352	08.42	0.22							1.0

May 4 2023 Hour: 3:29 13.7

Lat: 30.72N Lon: 78.72E D: 9.1

Ag: NCS Local

Magnitudes: 2.5ML NCS 2.5MW NCS

Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SMLA	HZ	154	287	EP		0329	39.72	0.02							1.0
SMLA	HN	154	287	ES		0329	58.68	-0.04							1.0
SMLA	HE	154	287	IAML		0329	59.95			41	0.3				
SMLA	HN	154	287	IAML		0330	00.10			47	0.3				
MUKT	HZ	167	147	EP		0329	41.56	0.03							1.0
MUKT	HN	167	147	IAML		0330	05.89			99	0.3				
MUKT	HE	167	147	IAML		0330	06.60			92	0.3				
PTH	BZ	191	131	EP		0329	44.11	-0.01							1.0
PTH	BN	191	131	ES		0330	06.34	-0.02							1.0
PTH	BN	191	131	IAML		0330	12.25			49	0.2				
PTH	BE	191	131	IAML		0330	12.50			55	0.2				
SDNR	BZ	195	298	EP		0329	44.79	0.07							1.0
SDNR	BN	195	298	ES		0330	07.42	0.02							1.0
SDNR	BE	195	298	IAML		0330	10.48			47	0.4				
DHRM	HZ	285	307	EP		0329	55.64	-0.08							1.0
DHRM	HE	285	307	ES		0330	26.44	0.01							1.0
DHRM	HN	285	307	IAML		0330	33.67			18	0.3				
DHRM	HE	285	307	IAML		0330	34.51			20	0.3				

May 4 2023 Hour: 4:20 32.4 Lat: 30.35N Lon: 79.24E D: 4.6 Ag: NCS Local
 Magnitudes: 3.4ML NCS 3.1MW NCS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JOSI	BZ	38	54	EP		0420	39.36	0.21							1.0
JOSI	BN	38	54	ES		0420	43.49	-0.55							1.0
JOSI	BN	38	54	IAML		0420	44.85			3671	0.3				
JOSI	BE	38	54	IAML		0420	45.70			3151	1.0				
MUYR	HZ	103	108	EP		0420	50.90	0.07							1.0
MUYR	HE	103	108	IAML		0421	10.11			3417	0.1				
MUKT	HZ	107	158	EP		0420	51.41	0.06							1.0
MUKT	HE	107	158	ES		0421	05.19	0.03							1.0
MUKT	HE	107	158	IAML		0421	11.40			1115	0.2				
DDI	HZ	114	269	EP		0420	52.03	-0.09							1.0
DDI	HN	114	269	ES		0421	06.62	0.14							1.0
DDI	HE	114	269	IAML		0421	07.73			1458	0.5				
DDI	HN	114	269	IAML		0421	07.95			1303	0.3				
PTH	BZ	126	132	EP		0420	54.39	0.06							1.0
PTH	BN	126	132	ES		0421	10.46	0.15							1.0
PTH	BE	126	132	IAML		0421	13.27			852	0.3				
PTH	BN	126	132	IAML		0421	15.70			527	0.3				
LGTI	BZ	134	142	EP		0420	55.89	0.10							1.0
LGTI	BN	134	142	ES		0421	12.93	0.10							1.0
LGTI	BE	134	142	IAML		0421	15.29			756	0.2				
LGTI	BN	134	142	IAML		0421	17.22			690	0.3				
MERT	BZ	211	224	EP		0421	05.83	-0.19							1.0
MERT	BN	211	224	ES		0421	30.32	-0.22							1.0
MERT	BN	211	224	IAML		0421	39.37			1220	0.4				
MERT	BE	211	224	IAML		0421	39.80			1339	0.8				
SMLA	HZ	215	294	EP		0421	06.55	0.07							1.0
SMLA	HN	215	294	ES		0421	31.35	0.03							1.0
SMLA	HE	215	294	IAML		0421	32.24			813	0.7				
SMLA	HN	215	294	IAML		0421	32.34			877	0.5				
BHK	BZ	248	298	EP		0421	10.34	-0.22							1.0
BHK	BN	248	298	ES		0421	38.37	-0.01							1.0
BHK	BE	248	298	IAML		0421	50.67			390	1.0				
BHK	BN	248	298	IAML		0421	51.96			311	0.8				
SDNR	BZ	258	301	EP		0421	11.81	0.03							1.0
SDNR	BN	258	301	ES		0421	40.52	0.02							1.0
SDNR	BN	258	301	IAML		0421	43.68			413	0.5				
SDNR	BE	258	301	IAML		0421	43.84			335	0.4				
UNCH	BZ	260	210	EP		0421	11.90	-0.13							1.0
UNCH	BN	260	210	ES		0421	40.83	-0.11							1.0
UNCH	BE	260	210	IAML		0421	43.15			634	0.5				
UNCH	BN	260	210	IAML		0421	44.74			722	0.4				
HNLY	BN	270	355	IAML		0421	49.47			63	0.4				
NDI	HN	270	227	ES		0421	42.91	-0.03							1.0
NDI	HN	270	227	IAML		0421	48.36			167	0.3				
HNLY	BZ	270	355	EP		0421	13.27	0.01							1.0
HNLY	BN	270	355	ES		0421	43.26	0.20							1.0
HNLY	BE	270	355	IAML		0421	45.76			68	0.5				
NDI	HZ	270	227	EP		0421	13.18	-0.01							1.0
NDI	HE	270	227	IAML		0421	51.13			221	0.6				
NPL	BZ	276	227	EP		0421	13.90	-0.01							1.0
NPL	BN	276	227	ES		0421	44.10	-0.09							1.0
NPL	BE	276	227	IAML		0421	50.16			262	0.3				
NPL	BN	276	227	IAML		0421	51.15			457	0.5				
DHRM	HZ	349	308	EP		0421	22.68	-0.21							1.0
DHRM	HN	349	308	ES		0421	59.71	-0.02							1.0
DHRM	HE	349	308	IAML		0422	08.18			289	0.5				
DHRM	HN	349	308	IAML		0422	09.11			190	0.3				
KUDL	HZ	363	228	EP		0421	24.64	0.13							1.0
KUDL	HN	363	228	ES		0422	02.61	0.08							1.0
KUDL	HN	363	228	IAML		0422	14.63			76	0.5				

KUDL	HE	363	228	IAML	0422	14.89			79	0.6						
THN	BZ	400	306	EP	0421	29.31	0.22									1.0
THN	BN	400	306	ES	0422	10.59	0.14									1.0
ALCI	BZ	470	336	EP	0421	37.72	0.11									1.0
ALCI	BE	470	336	ES	0422	25.39	0.21									1.0
ALCI	BE	470	336	IAML	0422	28.03			22	0.2						
ALCI	BN	470	336	IAML	0422	28.21			21	0.2						
UDMP	HZ	482	307	EP	0421	38.76	-0.34									1.0
UDMP	HN	482	307	ES	0422	27.83	0.07									1.0

May 4 2023 Hour: 7:32 0.4 Lat: 29.59N Lon: 81.61E D: 7.6 Ag: NCS Local

Magnitudes: 3.2ML NCS 3.0MW NCS

Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PTH	BZ	136	270	EP		0732	23.94	0.17							1.0
PTH	BN	136	270	IAML		0732	43.81			761	0.3				
PTH	BE	136	270	IAML		0732	44.98			1214	0.2				
LGTI	BZ	149	262	EP		0732	25.05	-0.78							1.0
LGTI	BN	149	262	ES		0732	44.38	0.02							1.0
LGTI	BE	149	262	IAML		0732	45.82			166	0.4				
LGTI	BN	149	262	IAML		0732	48.27			231	0.3				
MUKT	HZ	190	266	EP		0732	31.71	0.38							1.0
MUKT	HE	190	266	ES		0732	54.38	0.51							1.0
MUKT	HN	190	266	IAML		0732	57.07			374	0.2				
MUKT	HE	190	266	IAML		0732	57.85			478	0.5				
JOSI	BZ	225	299	EP		0732	35.54	0.28							1.0
JOSI	BN	225	299	ES		0733	00.60	-0.07							1.0
JOSI	BN	225	299	IAML		0733	07.56			331	0.9				
JOSI	BE	225	299	IAML		0733	08.80			172	0.3				
DDI	HZ	352	284	EP		0732	51.13	0.31							1.0
DDI	HE	352	284	ES		0733	27.49	-0.10							1.0
DDI	HN	352	284	IAML		0733	31.39			283	0.5				
DDI	HE	352	284	IAML		0733	31.39			276	0.2				
SMLA	HZ	459	293	EP		0733	04.12	0.28							1.0
SMLA	HE	459	293	ES		0733	49.91	-0.21							1.0
SMLA	HE	459	293	IAML		0733	54.23			78	0.4				
SMLA	HN	459	293	IAML		0733	54.99			30	0.2				
ALBI	BZ	475	178	EP		0733	05.48	-0.36							1.0
ALBI	BE	475	178	ES		0733	53.64	0.06							1.0
ALBI	BE	475	178	IAML		0734	19.42			73	1.5				
ALBI	BN	475	178	IAML		0734	19.42			66	0.7				
SDNR	BZ	500	297	EP		0733	08.55	-0.33							1.0
SDNR	BN	500	297	ES		0733	58.48	-0.36							1.0
SDNR	BE	500	297	IAML		0734	03.78			31	0.3				
SDNR	BN	500	297	IAML		0734	03.87			24	0.2				
DHRM	HZ	586	302	EP		0733	19.72	0.29							1.0
DHRM	HN	586	302	ES		0734	17.00	-0.10							1.0
DHRM	HE	586	302	IAML		0734	22.85			40	0.7				
DHRM	HN	586	302	IAML		0734	23.92			36					

May 4 2023 Hour: 10:26 38.5 Lat: 29.67N Lon: 80.75E D: 10.6 Ag: NCS Local

Magnitudes: 3.1ML NCS 3.0MW NCS

Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PTH	BZ	54	260	EP		1026	47.92	-0.05							1.0
PTH	BE	54	260	IAML		1026	51.33			2680	0.1				
PTH	BN	54	260	IAML		1026	51.42			2443	0.1				
PTH	BN	54	260	ES		1026	54.81	-0.06							1.0
LGTI	BZ	71	244	EP		1026	50.91	-0.15							1.0
LGTI	BE	71	244	IAML		1026	58.08			597	0.5				
LGTI	BN	71	244	IAML		1026	58.13			896	0.2				
LGTI	BN	71	244	ES		1027	00.41	0.19							1.0
MUKT	HZ	109	258	EP		1026	57.70	-0.06							1.0
MUKT	HN	109	258	ES		1027	11.81	-0.00							1.0
MUKT	HE	109	258	IAML		1027	12.37			446	0.2				
MUKT	HN	109	258	IAML		1027	12.70			768	0.2				

JOSI	BZ	151	311	EP	1027	03.88	0.00										1.0
JOSI	BE	151	311	IAML	1027	17.73			344	0.4							
JOSI	BN	151	311	IAML	1027	20.00			481	0.5							
JOSI	BE	151	311	ES	1027	22.44	0.05										1.0
DDI	HZ	269	286	EP	1027	18.58	0.14										1.0
DDI	HE	269	286	IAML	1027	50.10			268	0.2							
DDI	HN	269	286	IAML	1027	52.27			414	0.5							
NDI	HZ	361	253	EP	1027	30.12	0.42										1.0
NDI	HE	361	253	ES	1028	07.40	0.33										1.0
NDI	HE	361	253	IAML	1028	08.29			44	0.3							
NDI	HN	361	253	IAML	1028	10.63			28	0.4							
NPL	BZ	367	253	EP	1027	30.12	-0.18										1.0
NPL	BN	367	253	ES	1028	07.96	-0.13										1.0
NPL	BE	367	253	IAML	1028	08.46			124	0.3							
NPL	BN	367	253	IAML	1028	08.72			208	0.2							
SMLA	HZ	379	296	EP	1027	32.01	0.17										1.0
SMLA	HN	379	296	IAML	1028	21.65			115	0.4							
SMLA	HE	379	296	IAML	1028	21.81			88	0.6							
SDNR	BZ	422	300	EP	1027	37.26	0.13										1.0
SDNR	BN	422	300	ES	1028	19.63	-0.29										1.0
SDNR	BE	422	300	IAML	1028	32.19			48	0.4							
SDNR	BN	422	300	IAML	1028	32.49			54	0.6							
KUDL	HZ	449	249	EP	1027	40.01	-0.39										1.0
KUDL	HN	449	249	ES	1028	25.44	-0.13										1.0
KUDL	HE	449	249	IAML	1028	25.81			14	0.2							
KUDL	HN	449	249	IAML	1028	26.49			16	0.2							
DHRM	HZ	511	305	EP	1027	48.01	-0.02										1.0
DHRM	HE	511	305	ES	1028	38.79	0.01										1.0
DHRM	HE	511	305	IAML	1028	40.88			37	0.6							
DHRM	HN	511	305	IAML	1028	42.56			38	0.4							

May 4 2023 Hour: 16:17 53.1

Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JOSI	BZ			EP		1619	11.37								
MUKT	HZ			EP		1619	23.70								
MUKT	HN			ES		1620	30.27								
DHRM	HZ			EP		1619	25.18								
GKPR	BZ			EP		1619	50.33								
ALCI	BZ			EP		1619	06.93								
ALCI	BE			ES		1619	19.08								
DHRM	HE			ES		1620	16.83								
GKPR	BE			ES		1623	06.49								
JOSI	BN			ES		1623	47.35								
SMLA	HZ			EP		1618	16.41								
SMLA	HE			ES		1619	48.34								

May 4 2023 Hour: 19:51 34.8

Lat: 27.10N Lon: 86.90E D: 10.8

Ag: NCS Local

Magnitudes: 3.1ML NCS 3.1MW NCS

Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
STMR	BZ	166	257	EP		1952	01.99	-0.19							1.0
STMR	BE	166	257	IAML		1952	31.55			983	0.4				
STMR	BN	166	257	IAML		1952	32.02			964	0.7				
GTK	SZ	170	81	EP		1952	02.59	-0.03							1.0
GTK	SN	170	81	ES		1952	23.12	0.22							1.0
GTK	SE	170	81	IAML		1952	28.57			159	0.2				
GTK	SN	170	81	IAML		1952	29.71			228	0.5				
VLK	BZ	298	278	EP		1952	18.19	-0.00							1.0
VLK	BN	298	278	ES		1952	49.77	-0.07							1.0
VLK	BE	298	278	IAML		1952	54.39			157	0.2				
VLK	BN	298	278	IAML		1952	56.47			194	0.4				
DHUB	SZ	330	111	EP		1952	21.43	-0.74							1.0
TURA	SZ	375	117	EP		1952	27.64	-0.00							1.0
TURA	SN	375	117	IAML		1953	13.72			93	0.5				
TURA	SE	375	117	IAML		1953	14.79			111	0.2				

KNTI	BZ	423	203	EP	1952	32.54	-0.91									1.0
KNTI	BE	423	203	ES	1953	17.04	0.81									1.0
KNTI	BN	423	203	IAML	1953	42.90		106	0.1							
KNTI	BE	423	203	IAML	1953	44.81		98	0.1							
TAWA	SZ	494	83	EP	1952	42.21	0.04									1.0
TAWA	SE	494	83	ES	1953	31.35	0.04									1.0
TAWA	SN	494	83	IAML	1954	00.70		36	0.2							
TAWA	SE	494	83	IAML	1954	01.12		93	0.5							
TEZP	SZ	588	94	EP	1952	53.82	0.19									1.0
TEZP	SN	588	94	ES	1953	51.32	0.18									1.0
TEZP	SN	588	94	IAML	1954	02.40		16	0.4							
KOHI	SZ	735	100	EP	1953	11.24	-0.34									1.0
KOHI	SE	735	100	ES	1954	21.86	-0.34									1.0
KOHI	SN	735	100	IAML	1955	18.15		10	0.6							
KOHI	SE	735	100	IAML	1955	27.01		20	0.3							
IMP	SZ	749	108	EP	1953	14.14	0.90									1.0
IMP	SN	749	108	ES	1954	24.76	-0.31									1.0
IMP	SE	749	108	IAML	1954	38.60		3	2.0							
IMP	SN	749	108	IAML	1954	41.45		3	1.3							
CMPI	HZ	759	120	EP	1953	14.66	-0.02									1.0
CMPI	HN	759	120	ES	1954	27.43	-0.12									1.0
CMPI	HN	759	120	IAML	1954	45.69		9	0.5							
CMPI	HE	759	120	IAML	1954	46.23		10	0.5							
MOKO	SZ	762	95	EP	1953	16.08	1.10									1.0
MOKO	SN	762	95	ES	1954	27.66	-0.42									1.0
MOKO	SN	762	95	IAML	1954	43.73		10	0.7							
MOKO	SE	762	95	IAML	1954	44.03		6	1.0							

May 4 2023 Hour: 20:0 9.7 Lat: 29.49N Lon: 81.56E D: 12.0 Ag: NCS Local
Magnitudes: 2.5ML NCS 2.7MW NCS Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PTH	BZ	132	275	EP		2000	32.14	0.01							1.0
PTH	BN	132	275	ES		2000	48.34	-0.16							1.0
PTH	BN	132	275	IAML		2000	50.87		145	1.4					
PTH	BE	132	275	IAML		2000	52.26		130	0.4					
LGTI	BZ	144	266	EP		2000	34.24	0.29							1.0
LGTI	BN	144	266	IAML		2000	52.90		72	0.8					
LGTI	BE	144	266	IAML		2000	53.35		60	0.9					
MUKT	HZ	185	269	EP		2000	39.06	-0.45							1.0
MUKT	HN	185	269	ES		2001	01.44	0.18							1.0
MUKT	HE	185	269	IAML		2001	03.07		42	0.3					
MUKT	HN	185	269	IAML		2001	04.00		31	0.4					
JOSI	BZ	227	302	EP		2000	43.99	-0.25							1.0
JOSI	BE	227	302	ES		2001	09.70	0.25							1.0
JOSI	BE	227	302	IAML		2001	14.24		47	0.3					
JOSI	BN	227	302	IAML		2001	14.26		100	0.8					
SMLA	HZ	459	294	EP		2001	12.81	0.15							1.0
SMLA	HE	459	294	IAML		2002	00.86		9	0.6					
SMLA	HN	459	294	IAML		2002	02.47		7	1.4					
DHRM	HZ	588	303	EP		2001	28.71	0.25							1.0
DHRM	HE	588	303	ES		2002	25.68	-0.26							1.0
DHRM	HE	588	303	IAML		2002	29.52		6	0.5					
DHRM	HN	588	303	IAML		2002	30.55		6	0.4					

May 4 2023 Hour: 22:28 27.9 Lat: 24.36N Lon: 94.62E D: 30.2 Ag: NCS Local
Magnitudes: 2.5ML NCS 2.9MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IMP	SZ	86	308	EP		2228	42.86	0.05							1.0
IMP	SN	86	308	ES		2228	53.76	0.07							1.0
IMP	SE	86	308	IAML		2228	56.23		34	0.2					
IMP	SN	86	308	IAML		2228	56.50		69	0.2					
KOHI	SZ	160	341	EP		2228	52.48	0.10							1.0
KOHI	SN	160	341	ES		2229	10.30	0.06							1.0
KOHI	SE	160	341	IAML		2229	11.57		28	0.2					

KOHI	SN	160	341	IAML	2229	12.94		28	0.5	
CMPI	HZ	164	235	EP	2228	53.16	0.09			1.0
CMPI	HE	164	235	ES	2229	11.49	0.05			1.0
CMPI	HE	164	235	IAML	2229	22.00		46	0.6	
CMPI	HN	164	235	IAML	2229	22.17		29	0.3	
AZL	SZ	208	251	EP	2228	57.93	-0.32			1.0
AZL	SN	208	251	ES	2229	20.32	-0.08			1.0
AZL	SN	208	251	IAML	2229	23.08		27	0.4	
AZL	SE	208	251	IAML	2229	23.42		31	0.5	
MOKO	SZ	218	357	EP	2228	59.59	0.06			1.0
MOKO	SE	218	357	ES	2229	22.60	-0.02			1.0
MOKO	SE	218	357	IAML	2229	30.21		61	0.6	
MOKO	SN	218	357	IAML	2229	31.22		51	0.5	
SAIH	SZ	266	219	EP	2229	05.40	0.06			1.0
SAIH	SN	266	219	ES	2229	32.81	0.14			1.0
SAIH	SN	266	219	IAML	2229	39.77		7	0.7	
SAIH	SE	266	219	IAML	2229	39.84		13	0.2	
SHL	HZ	297	297	EP	2229	09.11	-0.07			1.0
SHL	HN	297	297	ES	2229	39.33	0.01			1.0
SHL	HE	297	297	IAML	2229	40.96		55	0.1	
SHL	HN	297	297	IAML	2229	41.63		73	0.1	
TAWA	SZ	452	323	EP	2229	27.88	-0.20			1.0
TAWA	SN	452	323	ES	2230	12.02	0.01			1.0
TAWA	SN	452	323	IAML	2230	13.03		74	0.2	
TAWA	SE	452	323	IAML	2230	13.37		67	0.3	
TURA	SZ	462	287	EP	2229	29.19	-0.08			1.0
TURA	SN	462	287	ES	2230	14.14	0.07			1.0
TURA	SE	462	287	IAML	2230	16.37		79	0.2	

May 4 2023 Hour: 23:57 14.3 Lat: 23.84N Lon: 90.51E D: 27.9 Ag: NCS Local

Magnitudes: 3.9ML NCS 4.0MW NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AGT	SZ	75	86	EP		2357	27.60	0.03							1.0
AGT	SN	75	86	ES		2357	36.97	-0.31							1.0
AGT	SE	75	86	IAML		2357	39.48			13740	0.3				
AGT	SN	75	86	IAML		2357	39.65			11152	0.4				
BELO	SZ	116	124	EP		2357	33.44	-0.16							1.0
BELO	SN	116	124	ES		2357	47.82	0.12							1.0
AZL	SZ	222	92	EP		2357	45.71	-0.92							1.0
AZL	SN	222	92	ES		2358	10.31	0.06							1.0
AZL	SE	222	92	IAML		2358	10.77			571	0.4				
AZL	SN	222	92	IAML		2358	11.02			465	0.1				
SHL	HZ	243	38	EP		2357	49.05	-0.09							1.0
SHL	HN	243	38	ES		2358	14.56	-0.03							1.0
SHL	HE	243	38	IAML		2358	14.97			8536	0.2				
SHL	HN	243	38	IAML		2358	15.15			14034	0.3				
DHUB	SZ	247	348	EP		2357	49.76	0.15							1.0
SILR	SZ	255	65	EP		2357	50.85	0.27							1.0
SILR	SE	255	65	ES		2358	17.19	0.11							1.0
SILR	SN	255	65	IAML		2358	19.92			905	0.7				
SILR	SE	255	65	IAML		2358	20.30			790	0.4				
CMPI	HZ	288	97	EP		2357	54.55	-0.30							1.0
CMPI	HN	288	97	ES		2358	24.80	0.33							1.0
CMPI	HN	288	97	IAML		2358	27.94			401	0.4				
CMPI	HE	288	97	IAML		2358	28.01			600	0.8				
SAIH	SZ	294	120	EP		2357	55.41	-0.04							1.0
IMP	SZ	366	72	EP		2358	03.45	-0.65							1.0
IMP	SN	366	72	ES		2358	40.61	0.14							1.0
IMP	SN	366	72	IAML		2358	46.10			118	0.5				
IMP	SE	366	72	IAML		2358	46.76			119	0.5				
TEZP	SZ	385	36	EP	*	2358	03.59	-2.81							0.0
TEZP	SN	385	36	ES		2358	40.75	-0.88							1.0
TEZP	SN	385	36	IAML		2358	41.00			1840	0.2				
KOHI	SZ	419	59	EP		2358	11.39	0.70							1.0

KOHI	SN	419	59	ES	2358	52.39	0.52												1.0
KOHI	SE	419	59	IAML	2358	55.18			345	0.8									
KOHI	SN	419	59	IAML	2358	56.90			315	1.0									
GTK	SZ	431	334	EP	2358	12.72	0.67												1.0
GTK	SN	431	334	ES	2358	53.26	-0.97												1.0
GTK	SN	431	334	IAML	2358	56.94				74	0.2								
GTK	SE	431	334	IAML	2358	57.81			258	0.3									
TAWA	SZ	438	18	EP	2358	13.27	0.37												1.0
TAWA	SE	438	18	ES	2358	56.03	0.33												1.0
TAWA	SE	438	18	IAML	2358	59.64				706	0.2								
TAWA	SN	438	18	IAML	2359	00.53				699	0.1								
MOKO	SZ	489	55	EP	2358	19.22	0.02												1.0
MOKO	SE	489	55	ES	2359	06.24	-0.36												1.0
MOKO	SE	489	55	IAML	2359	08.05				471	0.2								
MOKO	SN	489	55	IAML	2359	08.21				327	0.3								

May 5 2023 Hour: 0:35 26.3 Lat: 35.85N Lon: 80.23E D: 10.0F Ag: NCS Local

Magnitudes: 3.1ML NCS 2.9MW NCS Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	331	238	EP		0036	13.72	-0.23							1.0
ALCI	BN	331	238	ES		0036	48.78	0.08							1.0
ALCI	BE	331	238	IAML		0036	53.87			154	0.5				
ALCI	BN	331	238	IAML		0036	55.05			169	0.6				
DHRM	HZ	539	223	EP		0036	39.12	-0.15							1.0
DHRM	HN	539	223	ES		0037	31.81	-0.70							1.0
DHRM	HN	539	223	IAML		0037	41.35			25	0.8				
DHRM	HE	539	223	IAML		0037	50.79			20	0.6				
UDMP	HZ	571	237	EP		0036	43.07	-0.06							1.0
UDMP	HE	571	237	ES		0037	39.71	0.53							1.0
BHK	BZ	580	213	EP		0036	44.38	0.05							1.0
BHK	BN	580	213	ES		0037	41.03	-0.24							1.0
BHK	BE	580	213	IAML		0038	01.74			262	0.1				
SMLA	HZ	595	209	EP		0036	46.41	0.33							1.0
SMLA	HE	595	209	ES		0037	44.68	0.39							1.0
SMLA	HE	595	209	IAML		0037	49.60			11	0.7				
SMLA	HN	595	209	IAML		0037	52.96			6	0.8				

May 5 2023 Hour: 3:37 7.8 Lat: 25.75N Lon: 90.08E D: 11.4 Ag: NCS Local

Magnitudes: 2.9ML NCS 2.8MW NCS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TURA	SZ	30	151	EP		0337	13.22	-0.09							1.0
TURA	SN	30	151	ES		0337	17.32	0.00							1.0
TURA	SE	30	151	IAML		0337	17.65			1143	0.2				
TURA	SN	30	151	IAML		0337	19.10			1060	0.2				
DHUB	SZ	31	344	EP		0337	13.66	0.08							1.0
GUWA	SZ	169	73	EP		0337	35.29	-0.09							1.0
GUWA	SN	169	73	ES		0337	55.68	0.17							1.0
GUWA	SN	169	73	IAML		0337	56.15			77	0.3				
GUWA	SE	169	73	IAML		0337	56.32			102	0.3				
SHL	HZ	193	96	EP		0337	38.13	-0.15							1.0
SHL	HN	193	96	IAML		0337	57.26			209	0.2				
SHL	HE	193	96	IAML		0337	58.72			133	0.4				
SHL	HN	193	96	ES		0338	00.35	-0.18							1.0
GTK	SZ	228	320	EP		0337	42.28	-0.33							1.0
GTK	SN	228	320	ES		0338	08.08	0.07							1.0
GTK	SE	228	320	IAML		0338	16.58			62	0.3				
TAWA	SZ	271	41	EP		0337	47.92	0.10							1.0
TAWA	SE	271	41	IAML		0338	23.25			281	0.2				
TAWA	SN	271	41	IAML		0338	24.35			286	0.3				
TEZP	SZ	288	70	EP		0337	50.07	0.16							1.0
TEZP	SN	288	70	ES		0338	21.03	0.39							1.0
AZL	SZ	345	130	EP		0337	57.15	0.23							1.0
AZL	SN	345	130	ES		0338	33.04	0.27							1.0
AZL	SE	345	130	IAML		0338	35.23			9	0.1				

KOHI	SZ	404	90	EP	0338	04.12	0.00										1.0
KOHI	SN	404	90	ES	0338	44.80	-0.43										1.0
KOHI	SE	404	90	IAML	0339	04.04				36	0.6						
MOKO	SZ	448	81	EP	0338	09.64	0.08										1.0
MOKO	SN	448	81	ES	0338	54.35	-0.29										1.0
MOKO	SE	448	81	IAML	0339	17.25				32	0.4						

May 5 2023 Hour: 4:22 25.5 Lat: 25.30N Lon: 94.81E D: 89.5 Ag: NCS Local
 Magnitudes: 3.2ML NCS 3.3MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KOHI	SZ	85	303	EP		0422	42.70	0.03							1.0
KOHI	SN	85	303	ES		0422	55.19	0.01							1.0
KOHI	SN	85	303	IAML		0422	58.31			297	0.3				
KOHI	SE	85	303	IAML		0423	00.53			237	0.3				
IMP	SZ	102	239	EP		0422	44.23	-0.03							1.0
IMP	SN	102	239	ES		0422	57.96	0.03							1.0
IMP	SE	102	239	IAML		0423	04.12			127	0.6				
IMP	SN	102	239	IAML		0423	05.78			123	0.4				
MOKO	SZ	117	345	EP		0422	45.73	-0.16							1.0
MOKO	SN	117	345	ES		0423	00.73	-0.01							1.0
MOKO	SE	117	345	IAML		0423	05.43			620	0.3				
MOKO	SN	117	345	IAML		0423	05.92			603	0.4				
ITAN	SZ	232	332	EP		0422	58.83	-0.02							1.0
ITAN	SN	232	332	ES		0423	23.21	0.05							1.0
ITAN	SE	232	332	IAML		0423	24.41			508	0.1				
TEZP	SZ	249	306	EP		0423	00.78	-0.06							1.0
TEZP	SN	249	306	ES		0423	26.65	0.04							1.0
CMPI	HZ	251	218	EP		0423	01.42	0.04							1.0
CMPI	HE	251	218	ES		0423	27.66	0.11							1.0
CMPI	HN	251	218	IAML		0423	39.31			85	0.2				
CMPI	HE	251	218	IAML		0423	44.76			117	0.5				
AZL	SZ	276	232	EP		0423	04.12	-0.01							1.0
AZL	SN	276	232	ES		0423	32.25	-0.04							1.0
AZL	SN	276	232	IAML		0423	34.75			67	0.3				
AZL	SE	276	232	IAML		0423	35.30			52	0.3				
SHL	HZ	286	277	EP		0423	05.16	-0.08							1.0
SHL	HN	286	277	ES		0423	34.23	0.01							1.0
SHL	HE	286	277	IAML		0423	37.99			319	0.3				
SHL	HN	286	277	IAML		0423	38.10			510	0.2				
GUWA	SZ	328	288	EP		0423	10.33	-0.08							1.0
GUWA	SN	328	288	ES		0423	43.16	-0.01							1.0
GUWA	SE	328	288	IAML		0423	44.89			162	0.2				
SAIH	SZ	363	211	EP		0423	14.69	0.14							1.0
SAIH	SN	363	211	ES		0423	50.21	-0.11							1.0
SAIH	SE	363	211	IAML		0423	52.60			27	0.2				
SAIH	SN	363	211	IAML		0423	54.17			37	0.9				
TAWA	SZ	388	311	EP		0423	17.69	0.09							1.0
TAWA	SN	388	311	ES		0423	55.74	0.14							1.0
TAWA	SE	388	311	IAML		0423	60.00			704	0.2				
TURA	SZ	462	274	EP		0423	26.62	0.08							1.0
TURA	SN	462	274	ES		0424	10.90	-0.16							1.0
TURA	SE	462	274	IAML		0424	14.64			292	0.2				
TURA	SN	462	274	IAML		0424	16.17			208	0.2				

May 5 2023 Hour: 5:42 15.2 Lat: 37.52N Lon: 137.09E D: 81.5 Ag: NCS Distant
 Magnitudes: 5.8MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MOKO	SZ	4174	265	EP		0549	21.63	0.10							1.0
ITAN	SZ	4202	267	EP		0549	23.64	0.04							1.0
KOHI	SZ	4241	265	EP		0549	26.57	-0.03							1.0
IMP	SZ	4303	264	EP		0549	31.24	-0.01							1.0
TEZP	SZ	4310	267	EP		0549	31.74	0.04							1.0
TAWA	SZ	4343	269	EP		0549	34.28	0.04							1.0
SILR	SZ	4407	264	EP		0549	39.05	0.08							1.0

GUWA	SZ	4429	267	EP	0549	40.81	0.07	1.0
CMPI	HZ	4434	262	EP	0549	41.22	-0.02	1.0
SHL	HZ	4436	266	EP	0549	40.99	-0.22	1.0
AZL	SZ	4474	263	EP	0549	43.96	-0.12	1.0
SAIH	SZ	4520	261	EP	0549	47.53	0.03	1.0
DHUB	SZ	4588	268	EP	0549	52.49	0.05	1.0
AGT	SZ	4593	264	EP	0549	52.72	-0.13	1.0
TURA	SZ	4594	267	EP	0549	53.03	0.11	1.0
BELO	SZ	4611	263	EP	0549	54.05	-0.11	1.0
COBR	BZ	4621	269	EP	0549	54.86	-0.02	1.0
GTK	SZ	4645	270	EP	0549	56.54	-0.15	1.0
JPG	BZ	4675	269	EP	0549	58.92	0.10	1.0
SHBG	BZ	4838	268	EP	0550	10.85	0.07	1.0
CAL	BZ	4926	265	EP	0550	16.75	-0.26	1.0
STMR	BZ	4968	272	EP	0550	20.11	0.06	1.0
JMUI	BZ	4979	269	EP	0550	20.87	0.07	1.0
VLK	BZ	5053	273	EP	0550	26.03	-0.06	1.0
BOKR	HZ	5071	268	EP	0550	27.54	0.10	1.0
DGPR	HZ	5129	250	EP	0550	31.56	-0.09	0.0
GKPR	BZ	5132	273	EP	0550	31.77	0.05	1.0
KNTI	BZ	5135	268	EP	0550	32.08	0.11	1.0
HNLY	BZ	5238	282	EP	0550	39.28	0.08	1.0
VAR	BZ	5247	271	EP	0550	39.78	0.02	1.0
BRCH	BZ	5251	275	EP	0550	40.11	0.00	1.0
PTH	BZ	5276	278	EP	0550	41.80	0.04	1.0
BWNR	BZ	5280	264	EP	0550	42.22	0.03	1.0
JOSI	BZ	5287	279	EP	0550	42.59	0.05	1.0
MUKT	HZ	5330	278	EP	0550	45.95	0.08	1.0
ALCI	BZ	5331	285	EP	0550	45.42	-0.19	1.0
ALBI	BZ	5349	272	EP	0550	46.86	-0.10	1.0
LKN	BZ	5355	274	EP	0550	47.40	0.08	1.0
DDI	HZ	5429	280	EP	0550	52.45	0.10	1.0
SMLA	HZ	5468	281	EP	0550	55.14	0.11	1.0
BNDA	BZ	5470	273	EP	0550	55.19	-0.12	1.0
SDNR	BZ	5472	282	EP	0550	55.33	-0.02	1.0
BHK	BZ	5476	282	EP	0550	55.47	-0.17	1.0
DHRM	HZ	5492	283	EP	0550	56.78	0.05	1.0
BLSP	BZ	5493	268	EP	0550	56.77	-0.12	1.0
CGRH	BZ	5520	281	EP	0550	58.69	0.04	1.0
MERT	BZ	5521	278	EP	0550	58.61	-0.18	1.0
THN	BZ	5526	284	EP	0550	59.13	0.07	1.0
ASOR	BZ	5529	278	EP	0550	59.17	-0.08	1.0
UNCH	BZ	5539	278	EP	0551	00.04	0.08	1.0
SRIN	BZ	5541	286	EP	0551	00.07	0.02	1.0
RAGD	BZ	5549	264	EP	0551	00.86	0.11	1.0
UDMP	HZ	5563	284	EP	0551	01.61	0.05	1.0
BISR	BZ	5567	278	EP	0551	01.77	-0.11	1.0
JMIU	BZ	5580	278	EP	0551	02.81	0.06	1.0
NDI	HZ	5581	278	EP	0551	02.97	0.08	1.0
NRLA	BZ	5583	279	EP	0551	03.11	0.09	1.0
LDR	HZ	5586	278	EP	0551	03.31	0.12	1.0
FBD	HZ	5586	278	EP	0551	03.29	0.11	1.0
NPL	BZ	5587	278	EP	0551	03.32	0.10	1.0
RAIP	HZ	5590	267	EP	0551	03.61	0.05	1.0
JMU	BZ	5594	284	EP	0551	03.77	0.04	1.0
AYAN	BZ	5599	278	EP	0551	03.93	-0.17	1.0
BHGR	BZ	5605	279	EP	0551	04.28	-0.17	1.0
UJWA	BZ	5613	278	EP	0551	05.09	0.07	1.0
GWAL	HZ	5620	275	EP	0551	05.43	-0.07	1.0
RTK	BZ	5634	279	EP	0551	06.41	0.06	1.0
KUDL	HZ	5672	278	EP	0551	09.07	0.07	1.0
CNWR	HZ	5783	270	EP	0551	16.60	0.08	1.0
SRGN	BZ	5810	281	EP	0551	18.13	-0.12	1.0
NGP	BZ	5823	269	EP	0551	19.20	0.05	1.0

BHPL	HZ	5849	272	EP	0551	20.80-0.10	1.0
AJM	BZ	5923	277	EP	0551	25.59-0.20	1.0
BKNR	BZ	5949	280	EP	0551	27.20-0.27	1.0
VJD	BZ	5963	263	EP	0551	28.49-0.04	1.0
INDR	HZ	6022	272	EP	0551	32.43 0.11	1.0
JODH	HZ	6070	278	EP	0551	35.59 0.15	1.0
HYB	HZ	6091	265	EP	0551	36.93-0.02	1.0
UDPR	BZ	6102	276	EP	0551	37.59 0.02	1.0
JASL	BZ	6222	280	EP	0551	45.32 0.07	1.0
MDRS	HZ	6231	260	EP	0551	45.94 0.05	1.0
BARM	HZ	6240	278	EP	0551	46.36-0.07	1.0
ATP	HZ	6348	263	EP	0551	53.31-0.08	1.0
BHV	BZ	6400	274	EP	0551	56.48-0.13	1.0
BLRY	HZ	6422	265	EP	0551	57.90-0.15	1.0
KAD	BZ	6484	268	EP	0552	01.89-0.06	1.0
SALM	BZ	6495	260	EP	0552	02.80 0.03	1.0
BOM	BZ	6508	270	EP	0552	03.56-0.01	1.0
BHUJ	HZ	6533	277	EP	0552	05.06 0.04	1.0
GOA	HZ	6628	267	EP	0552	11.06 0.09	1.0
KDGU	HZ	6637	262	EP	0552	11.70 0.08	1.0
KOD	BZ	6651	259	EP	0552	12.45 0.03	1.0
CHT	HZ	6700	259	EP	0552	15.43-0.02	1.0
MNGI	BZ	6702	263	EP	0552	15.58 0.02	1.0
TRVM	HZ	6811	258	EP	0552	22.26 0.04	1.0
MNC	HZ	7166	260	EP	0552	43.48 0.05	1.0

May 5 2023 Hour: 8:41 11.1 Lat: 26.23N Lon: 90.98E D: 4.3 Ag: NCS Local

Magnitudes: 2.1ML NCS 2.1MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GUWA	SZ	71	93	EP		0841	23.48-0.03								1.0
GUWA	SE	71	93	ES		0841	32.65 0.06								1.0
GUWA	SE	71	93	IAML		0841	42.72		18	0.3					
GUWA	SN	71	93	IAML		0841	43.12		38	0.3					
TURA	SZ	109	224	EP		0841	30.02 0.05								1.0
TURA	SN	109	224	ES		0841	43.76-0.00								1.0
TURA	SN	109	224	IAML		0841	55.60		43	0.2					
TURA	SE	109	224	IAML		0841	56.53		44	0.1					
SHL	HZ	125	126	EP		0841	32.59-0.11								1.0
SHL	HN	125	126	ES		0841	48.53 0.03								1.0
SHL	HE	125	126	IAML		0841	49.27		30	0.0					
SHL	HN	125	126	IAML		0841	49.35		102	0.0					
MOKO	SZ	353	88	EP		0842	02.08-0.01								1.0
MOKO	SN	353	88	ES		0842	39.34 0.01								1.0
MOKO	SE	353	88	IAML		0842	41.52		21	0.2					

May 5 2023 Hour: 12:58 3.8 Lat: 37.44N Lon: 137.61E D: 10.0 Ag: NCS Distant

Magnitudes: 5.2MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AURD	HZ			EP		1307	42.31								
MOKO	SZ	4219	266	EP		1305	21.44-0.15								1.0
KOHI	SZ	4286	265	EP		1305	26.73 0.07								1.0
IMP	SZ	4348	264	EP		1305	31.34 0.05								1.0
TEZP	SZ	4355	267	EP		1305	31.79-0.00								1.0
TAWA	SZ	4389	269	EP		1305	34.39 0.03								1.0
SILR	SZ	4451	265	EP		1305	39.07 0.04								1.0
CMPI	HZ	4478	263	EP		1305	41.34 0.08								1.0
SHL	HZ	4481	266	EP		1305	41.35 0.06								1.0
AZL	SZ	4519	263	EP		1305	44.08-0.03								1.0
SAIH	SZ	4564	262	EP		1305	47.50-0.00								1.0
DHUB	SZ	4634	268	EP		1305	52.59 0.04								1.0
AGT	SZ	4637	265	EP		1305	52.90-0.01								1.0
TURA	SZ	4640	267	EP		1305	52.83-0.19								1.0
BELO	SZ	4655	264	EP		1305	54.19-0.02								1.0
COBR	BZ	4667	269	EP		1305	54.98-0.02								1.0

GTK	SZ	4691	271	EP	1305	56.87	0.03	1.0
JPG	BZ	4721	270	EP	1305	59.02	0.07	1.0
CAL	BZ	4970	265	EP	1306	17.10	0.02	1.0
STMR	BZ	5014	272	EP	1306	20.19	-0.02	1.0
JMUI	BZ	5024	269	EP	1306	20.93	0.00	1.0
VLK	BZ	5099	274	EP	1306	26.23	-0.03	1.0
DGPR	HZ	5170	251	EP	1306	31.43	0.03	0.0
KNTI	BZ	5181	268	EP	1306	32.03	-0.06	1.0
VAR	BZ	5293	272	EP	1306	39.93	0.02	1.0
BRCH	BZ	5297	275	EP	1306	40.27	-0.01	1.0
PTH	BZ	5322	278	EP	1306	41.67	-0.28	1.0
BWNR	BZ	5324	264	EP	1306	42.26	0.01	1.0
JOSI	BZ	5333	280	EP	1306	42.75	0.02	1.0
MUKT	HZ	5376	278	EP	1306	46.18	0.12	1.0
ALCI	BZ	5377	285	EP	1306	45.86	0.06	1.0
ALBI	BZ	5395	272	EP	1306	47.14	0.02	1.0
LKN	BZ	5401	275	EP	1306	47.51	0.01	1.0
DDI	HZ	5475	280	EP	1306	52.56	0.02	1.0
SMLA	HZ	5514	282	EP	1306	55.21	-0.01	1.0
BNDA	BZ	5516	273	EP	1306	55.49	0.02	1.0
SDNR	BZ	5518	282	EP	1306	55.62	0.08	1.0
BHK	BZ	5522	282	EP	1306	55.87	0.04	1.0
DHRM	HZ	5538	283	EP	1306	56.93	0.01	1.0
BLSP	BZ	5539	268	EP	1306	57.01	0.00	1.0
MERT	BZ	5568	279	EP	1306	58.99	0.02	1.0
THN	BZ	5572	284	EP	1306	59.28	0.03	1.0
ASOR	BZ	5575	279	EP	1306	59.46	0.02	1.0
TLWR	BZ	5581	283	EP	1306	59.88	0.06	1.0
SRIN	BZ	5587	286	EP	1307	00.27	0.04	1.0
RAGD	BZ	5593	264	EP	1307	00.80	-0.01	1.0
UDMP	HZ	5610	285	EP	1307	01.37	-0.37	1.0
BISR	BZ	5613	278	EP	1307	02.06	-0.00	1.0
JMIU	BZ	5626	279	EP	1307	02.93	-0.00	1.0
NDI	HZ	5628	279	EP	1307	03.06	-0.02	1.0
LDR	HZ	5632	279	EP	1307	03.38	0.01	1.0
NPL	BZ	5634	279	EP	1307	03.42	0.01	1.0
RAIP	HZ	5635	268	EP	1307	03.64	-0.03	1.0
JMU	BZ	5641	285	EP	1307	03.97	0.07	1.0
AYAN	BZ	5646	279	EP	1307	04.29	0.00	1.0
UJWA	BZ	5659	279	EP	1307	05.28	0.07	1.0
GWAL	HZ	5666	275	EP	1307	05.69	0.02	1.0
JBPL	HZ	5675	271	EP	1307	06.18	-0.05	1.0
RTK	BZ	5680	280	EP	1307	06.52	-0.01	1.0
CNWR	HZ	5828	270	EP	1307	16.67	0.02	1.0
SRGN	BZ	5856	282	EP	1307	18.42	-0.01	1.0
NGP	BZ	5868	269	EP	1307	19.24	-0.03	1.0
BHPL	HZ	5895	273	EP	1307	21.06	0.01	1.0
AJM	BZ	5969	278	EP	1307	25.92	-0.04	1.0
BKNR	BZ	5995	280	EP	1307	27.69	0.04	1.0
VJD	BZ	6008	263	EP	1307	28.59	0.02	1.0
INDR	HZ	6068	273	EP	1307	32.55	0.09	1.0
HYB	HZ	6136	266	EP	1307	37.03	0.00	1.0
UDPR	BZ	6149	276	EP	1307	37.73	0.00	1.0
JASL	BZ	6269	280	EP	1307	45.44	0.02	1.0
MDRS	HZ	6274	260	EP	1307	45.86	-0.02	1.0
ATP	HZ	6392	264	EP	1307	53.42	-0.01	1.0
BLRY	HZ	6466	265	EP	1307	58.11	0.01	1.0
KAD	BZ	6529	268	EP	1308	02.06	0.02	1.0
SALM	BZ	6539	260	EP	1308	02.74	-0.01	1.0
BOM	BZ	6554	271	EP	1308	03.69	0.01	1.0
BHUJ	HZ	6579	277	EP	1308	05.12	-0.05	1.0
GOA	HZ	6673	267	EP	1308	11.00	-0.03	1.0
KOD	BZ	6694	260	EP	1308	12.39	0.01	1.0
MNGI	BZ	6747	264	EP	1308	15.59	0.01	1.0

May 5 2023 Hour: 17:47 9.7 Lat: 41.63N Lon: 142.02E D: 10.0F Ag: NCS Distant
 Magnitudes: 5.3MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AURD	HZ			EP		1757	17.41								
MOKO	SZ	4638	264	EP		1754	58.84-0.14								1.0
KOHI	SZ	4709	263	EP		1755	04.12-0.04								1.0
TEZP	SZ	4762	266	EP		1755	07.97-0.01								1.0
IMP	SZ	4778	263	EP		1755	09.20-0.01								1.0
TAWA	SZ	4781	267	EP		1755	09.41 0.02								1.0
SILR	SZ	4876	263	EP		1755	16.25-0.04								1.0
SHL	HZ	4894	265	EP		1755	17.58-0.05								1.0
CMPI	HZ	4917	261	EP		1755	19.50 0.01								1.0
AZL	SZ	4952	262	EP		1755	21.91 0.06								1.0
SAIH	SZ	5010	261	EP		1755	25.80-0.22								1.0
DHUB	SZ	5032	267	EP		1755	27.48 0.00								1.0
TURA	SZ	5044	266	EP		1755	28.44 0.07								1.0
COBR	BZ	5059	268	EP		1755	29.49 0.02								1.0
AGT	SZ	5062	263	EP		1755	29.90 0.18								1.0
GTK	SZ	5069	269	EP		1755	30.25 0.05								1.0
BELO	SZ	5087	263	EP		1755	31.49 0.04								1.0
JPG	BZ	5107	268	EP		1755	32.85 0.00								1.0
STMR	BZ	5380	271	EP		1755	52.15 0.06								1.0
CAL	BZ	5391	264	EP		1755	52.84 0.01								1.0
JMUI	BZ	5413	268	EP		1755	54.19-0.14								1.0
VLK	BZ	5452	272	EP		1755	57.07 0.05								1.0
KNTI	BZ	5577	267	EP		1756	05.65 0.02								1.0
ALCI	BZ	5626	284	EP		1756	08.96 0.04								1.0
JOSI	BZ	5633	279	EP		1756	09.36-0.02								1.0
PTH	BZ	5635	277	EP		1756	09.54 0.02								1.0
BRCH	BZ	5637	274	EP		1756	09.82 0.06								1.0
VAR	BZ	5661	271	EP		1756	11.39 0.02								1.0
DGPR	HZ	5679	251	EP		1756	12.74 0.07								0.0
MUKT	HZ	5687	277	EP		1756	13.49 0.04								1.0
LKN	BZ	5745	274	EP		1756	17.06 0.01								1.0
BWNR	BZ	5751	264	EP		1756	17.56 0.05								1.0
ALBI	BZ	5757	272	EP		1756	18.01 0.09								1.0
DDI	HZ	5770	279	EP		1756	18.67 0.04								1.0
SDNR	BZ	5795	281	EP		1756	20.25-0.08								1.0
SMLA	HZ	5796	281	EP		1756	20.37-0.02								1.0
BHK	BZ	5800	281	EP		1756	20.68-0.05								1.0
DHRM	HZ	5804	282	EP		1756	20.94-0.05								1.0
SRIN	BZ	5827	285	EP		1756	22.35-0.10								1.0
THN	BZ	5834	283	EP		1756	22.92-0.04								1.0
CGRH	BZ	5851	280	EP		1756	24.07-0.01								1.0
UDMP	HZ	5863	284	EP		1756	24.83-0.02								1.0
BNDA	BZ	5870	273	EP		1756	25.45 0.04								1.0
MERT	BZ	5874	278	EP		1756	26.01 0.30								1.0
ASOR	BZ	5884	278	EP		1756	26.42 0.10								1.0
JMU	BZ	5894	284	EP		1756	26.89-0.09								1.0
BISR	BZ	5923	278	EP		1756	28.86-0.03								1.0
BLSP	BZ	5931	268	EP		1756	29.56 0.06								1.0
NRLA	BZ	5935	278	EP		1756	29.45-0.25								1.0
JMIU	BZ	5935	278	EP		1756	29.64-0.05								1.0
NDI	HZ	5935	278	EP		1756	29.71-0.02								1.0
LDR	HZ	5940	278	EP		1756	30.06-0.02								1.0
NPL	BZ	5941	278	EP		1756	30.07 0.01								1.0
FBD	HZ	5942	278	EP		1756	30.20-0.02								1.0
AYAN	BZ	5954	278	EP		1756	31.05 0.04								1.0
UJWA	BZ	5966	278	EP		1756	31.77-0.01								1.0
RTK	BZ	5980	279	EP		1756	32.64 0.04								1.0
GWAL	HZ	6002	275	EP		1756	34.13-0.01								1.0
RAGD	BZ	6015	264	EP		1756	35.15 0.03								1.0
RAIP	HZ	6032	267	EP		1756	36.19-0.06								1.0

SRGN	BZ	6135	281	EP	1756	42.66-0.16	1.0
NGP	BZ	6252	269	EP	1756	50.47 0.01	1.0
BHPL	HZ	6253	272	EP	1756	50.58 0.05	1.0
AJM	BZ	6285	277	EP	1756	52.70 0.14	1.0
BKNR	BZ	6287	280	EP	1756	52.72 0.03	1.0
INDR	HZ	6424	273	EP	1757	01.42-0.06	1.0
VJD	BZ	6435	264	EP	1757	02.14-0.06	1.0
UDPR	BZ	6476	276	EP	1757	04.91 0.16	1.0
HYB	HZ	6547	266	EP	1757	09.14-0.12	1.0
JASL	BZ	6561	280	EP	1757	09.98-0.03	1.0
BARM	HZ	6592	278	EP	1757	12.08 0.11	1.0
MDRS	HZ	6723	261	EP	1757	20.09-0.05	1.0
SLPR	HZ	6748	268	EP	1757	21.67-0.08	1.0
ATP	HZ	6818	264	EP	1757	26.07 0.10	1.0
BLRY	HZ	6880	266	EP	1757	29.76-0.01	1.0
KAD	BZ	6918	269	EP	1757	32.06 0.03	1.0
BOM	BZ	6924	271	EP	1757	32.48 0.01	1.0
GOA	HZ	7073	268	EP	1757	41.34-0.02	1.0

May 6 2023 Hour: 6: 5 35.1 Lat: 25.89N Lon: 90.57E D: 4.5 Ag: NCS Local

Magnitudes: 3.1ML NCS 2.9MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TURA	SZ	54	221	EP		0605	44.51	0.01							1.0
TURA	SE	54	221	ES		0605	51.37	0.02							1.0
TURA	SN	54	221	IAML		0605	53.44			1631	0.2				
TURA	SE	54	221	IAML		0605	53.57			1336	0.3				
DHUB	SZ	60	284	EP		0605	45.40-0.08								1.0
GUWA	SZ	117	73	EP		0605	55.44-0.03								1.0
GUWA	SN	117	73	ES		0606	10.42 0.10								1.0
GUWA	SE	117	73	IAML		0606	10.85			208	0.1				
GUWA	SN	117	73	IAML		0606	11.54			363	0.1				
SHL	HZ	147	104	EP		0606	00.46 0.08								1.0
SHL	HN	147	104	ES		0606	18.90 0.09								1.0
SHL	HN	147	104	IAML		0606	19.84			410	0.4				
SHL	HE	147	104	IAML		0606	20.21			414	0.1				
TAWA	SZ	229	34	EP		0606	10.79-0.05								1.0
TAWA	SN	229	34	ES		0606	36.83-0.09								1.0
TAWA	SE	229	34	IAML		0606	38.93			1432	0.3				
TAWA	SN	229	34	IAML		0606	39.30			1184	0.2				
TEZP	SZ	237	69	EP		0606	11.75-0.03								1.0
TEZP	SN	237	69	ES		0606	38.50-0.03								1.0
GTK	SZ	252	309	EP		0606	13.55-0.20								1.0
GTK	SN	252	309	ES		0606	42.24 0.29								1.0
GTK	SE	252	309	IAML		0606	44.32			187	0.3				
GTK	SN	252	309	IAML		0606	45.32			98	0.5				
AZL	SZ	320	138	EP		0606	21.98-0.02								1.0
AZL	SN	320	138	ES		0606	56.24 0.02								1.0
AZL	SE	320	138	IAML		0607	08.69			23	0.4				
AZL	SN	320	138	IAML		0607	10.28			25	0.6				
ITAN	SZ	343	65	EP		0606	24.94 0.06								1.0
ITAN	SE	343	65	ES		0607	01.20 0.00								1.0
ITAN	SE	343	65	IAML		0607	14.50			189	0.9				
ITAN	SN	343	65	IAML		0607	16.16			171	0.6				
KOHI	SZ	355	92	EP		0606	26.19-0.10								1.0
KOHI	SN	355	92	ES		0607	03.61-0.03								1.0
KOHI	SE	355	92	IAML		0607	18.80			149	1.4				
KOHI	SN	355	92	IAML		0607	20.48			128	1.4				
MOKO	SZ	397	82	EP		0606	31.55 0.06								1.0
MOKO	SN	397	82	ES		0607	12.60-0.04								1.0
MOKO	SE	397	82	IAML		0607	13.48			85	0.4				
MOKO	SN	397	82	IAML		0607	13.87			40	0.4				
SAIH	SZ	449	146	EP		0606	37.88 0.07								1.0
SAIH	SE	449	146	ES		0607	23.48-0.09								1.0
SAIH	SN	449	146	IAML		0607	31.55			8	0.2				

SAIH SE 449 146 IAML 0607 34.90 17 0.3

May 6 2023 Hour: 8: 1 3.9 Lat: 28.41N Lon: 86.61E D: 85.0F Ag: NCS Local
 Magnitudes: 4.1ML NCS 4.2MW NCS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GTK	SZ	230	121	EP		0801	36.97	0.11							1.0
GTK	SE	230	121	ES		0802	00.99	0.05							1.0
GTK	SN	230	121	IAML		0802	12.05			463	0.5				
GTK	SE	230	121	IAML		0802	14.32			426	0.4				
VLK	BZ	285	249	EP		0801	43.47	0.02							1.0
VLK	BN	285	249	ES		0802	12.20	-0.15							1.0
VLK	BN	285	249	IAML		0802	29.23			2778	0.2				
VLK	BE	285	249	IAML		0802	33.80			2223	0.4				
SHBG	BZ	366	164	EP		0801	53.67	0.47							1.0
SHBG	BE	366	164	ES		0802	28.77	-0.45							1.0
SHBG	BN	366	164	IAML		0802	35.83			288	0.1				
JMUI	BZ	387	186	EP		0801	55.74	0.05							1.0
JMUI	BE	387	186	ES		0802	33.20	-0.32							1.0
JMUI	BE	387	186	IAML		0802	44.92			417	0.5				
DHUB	SZ	427	128	EP		0802	00.22	-0.26							1.0
TURA	SZ	481	131	EP		0802	06.82	-0.22							1.0
TURA	SN	481	131	ES		0802	53.03	-0.13							1.0
TURA	SN	481	131	IAML		0803	02.69			321	0.3				
TURA	SE	481	131	IAML		0803	03.81			196	0.2				
TAWA	SZ	525	99	EP		0802	12.13	-0.24							1.0
TAWA	SE	525	99	ES		0803	02.13	-0.25							1.0
TAWA	SE	525	99	IAML		0803	06.94			244	0.1				
TAWA	SN	525	99	IAML		0803	07.14			154	0.4				
GUWA	SZ	559	115	EP		0802	16.77	0.13							1.0
GUWA	SN	559	115	ES		0803	09.86	0.10							1.0
ALBI	BZ	588	235	EP		0802	20.01	-0.10							1.0
ALBI	BN	588	235	ES		0803	15.83	0.06							1.0
ALBI	BN	588	235	IAML		0803	20.91			320	0.4				
ALBI	BE	588	235	IAML		0803	22.02			440	0.4				
SHL	HZ	620	119	EP		0802	23.97	0.05							1.0
SHL	HE	620	119	ES		0803	22.57	0.20							1.0
SHL	HN	620	119	IAML		0803	23.43			129	0.2				
SHL	HE	620	119	IAML		0803	26.12			71	0.4				
PTH	BZ	638	283	EP		0802	26.02	-0.12							1.0
PTH	BE	638	283	ES		0803	25.83	-0.37							1.0
PTH	BE	638	283	IAML		0803	31.02			82	0.2				
PTH	BN	638	283	IAML		0803	33.61			133	0.1				
TEZP	SZ	642	107	EP		0802	26.78	0.11							1.0
TEZP	SN	642	107	ES		0803	27.27	0.15							1.0
MUKT	HZ	688	281	EP		0802	32.48	-0.14							1.0
MUKT	HN	688	281	ES		0803	37.29	-0.12							1.0
MUKT	HN	688	281	IAML		0803	41.28			108	0.2				
MUKT	HE	688	281	IAML		0803	41.41			195	0.5				
AZL	SZ	798	129	EP		0802	45.64	-0.03							1.0
AZL	SN	798	129	ES		0804	00.17	0.18							1.0
MOKO	SZ	815	105	EP		0802	47.75	-0.06							1.0
MOKO	SE	815	105	ES		0804	03.82	0.13							1.0
MOKO	SE	815	105	IAML		0804	09.24			76	0.6				
MOKO	SN	815	105	IAML		0804	09.65			78	1.0				
BLSP	BZ	829	214	EP		0802	49.43	-0.02							1.0
BLSP	BE	829	214	ES		0804	06.15	-0.38							1.0
BLSP	BE	829	214	IAML		0804	14.52			426	0.1				
BLSP	BN	829	214	IAML		0804	15.45			359	0.2				
DDI	HZ	857	286	EP		0802	52.74	-0.13							1.0
DDI	HN	857	286	ES		0804	12.40	-0.05							1.0
DDI	HE	857	286	IAML		0804	17.29			307	0.4				
DDI	HN	857	286	IAML		0804	19.25			453	0.2				
GWAL	HZ	867	256	EP		0802	53.73	-0.35							1.0
GWAL	HN	867	256	ES		0804	14.57	0.03							1.0

GWAL	HN	867	256	IAML	0804	18.34		582	0.3	
GWAL	HE	867	256	IAML	0804	18.57		943	0.6	
NDI	HZ	920	274	EP	0803	00.46-0.12				1.0
NDI	HN	920	274	ES	0804	25.76-0.03				1.0
NDI	HN	920	274	IAML	0804	28.64		95	0.8	
NDI	HE	920	274	IAML	0804	28.92		121	0.2	
NPL	BZ	924	274	EP	0803	01.04 0.05				1.0
NPL	BE	924	274	ES	0804	26.51 0.01				1.0
NPL	BE	924	274	IAML	0804	29.73		352	0.2	
NPL	BN	924	274	IAML	0804	29.85		284	0.3	
GUNA	BZ	1014	248	EP	0803	11.94 0.15				1.0
GUNA	BN	1014	248	ES	0804	45.39 0.21				1.0
GUNA	BE	1014	248	IAML	0804	48.87		371	0.1	
GUNA	BN	1014	248	IAML	0804	51.61		475	0.5	
CNWR	HZ	1045	229	EP	0803	15.78 0.17				1.0
CNWR	HN	1045	229	ES	0804	51.96 0.17				1.0
CNWR	HE	1045	229	IAML	0804	57.39		561	0.6	
CNWR	HN	1045	229	IAML	0804	57.68		263	0.1	
DHRM	HZ	1078	296	EP	0803	19.57-0.01				1.0
DHRM	HE	1078	296	ES	0804	58.74 0.08				1.0
DHRM	HE	1078	296	IAML	0805	02.49		40	0.3	
DHRM	HN	1078	296	IAML	0805	07.23		44	0.5	
BHPL	HZ	1084	240	EP	0803	20.29 0.08				1.0
BHPL	HN	1084	240	ES	0804	59.88 0.14				1.0
BHPL	HE	1084	240	IAML	0805	04.49		146	0.3	
BHPL	HN	1084	240	IAML	0805	05.05		149	0.4	
NGP	BZ	1107	225	EP	0803	23.10 0.13				1.0
NGP	BN	1107	225	ES	0805	04.55 0.03				1.0
NGP	BN	1107	225	IAML	0805	13.79		71	0.6	
NGP	BE	1107	225	IAML	0805	13.90		71	0.3	
AJM	BZ	1205	262	EP	0803	35.57 0.77				1.0
AJM	BN	1205	262	ES	0805	25.08 0.10				1.0
AJM	BN	1205	262	IAML	0805	28.23		63	0.2	
AJM	BE	1205	262	IAML	0805	30.16		61	0.4	
INDR	HZ	1256	241	EP	0803	40.96 0.01				1.0
INDR	HN	1256	241	ES	0805	35.80 0.18				1.0
INDR	HE	1256	241	IAML	0805	43.90		76	0.3	
UDPR	BZ	1353	255	EP	0803	52.46-0.22				1.0
UDPR	BE	1353	255	ES	0805	56.02 0.10				1.0
UDPR	BN	1353	255	IAML	0806	01.18		53	0.4	
UDPR	BE	1353	255	IAML	0806	01.86		34	0.2	

May 6 2023 Hour: 17:26 34.7 Lat: 32.02N Lon: 78.89E D: 5.0F Ag: NCS Local
 Magnitudes: 3.1ML NCS 2.9MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SMLA	HZ	191	239	EP		1727	05.32-0.39								1.0
SMLA	HN	191	239	ES		1727	28.26-0.06								1.0
SMLA	HE	191	239	IAML		1727	29.65		185	0.9					
SDNR	BZ	195	255	EP		1727	06.52 0.21								1.0
SDNR	BN	195	255	ES		1727	29.54 0.18								1.0
DHRM	HZ	245	277	EP		1727	12.33-0.10								1.0
DHRM	HN	245	277	ES		1727	39.92-0.03								1.0
DHRM	HN	245	277	IAML		1727	42.75		170	1.4					
DHRM	HE	245	277	IAML		1727	45.17		227	1.3					
MUKT	HZ	293	165	EP		1727	18.69 0.08								1.0
MUKT	HE	293	165	IAML		1727	57.13		113						
MUKT	HN	293	165	IAML		1727	57.92		81	1.1					
PTH	BZ	298	155	EP		1727	18.84 0.03								1.0
PTH	BN	298	155	ES		1727	50.95-0.04								1.0
PTH	BN	298	155	IAML		1727	57.89		84	0.8					
LGTI	BZ	313	158	EP		1727	20.77 0.03								1.0
LGTI	BN	313	158	ES		1727	54.36 0.04								1.0
UDMP	HZ	368	287	EP		1727	27.29-0.03								1.0
UDMP	HE	368	287	ES		1728	05.80 0.09								1.0

May 6 2023 Hour: 21:34 22.6 Lat: 30.06N Lon: 80.18E D: 5.0F Ag: NCS Local
 Magnitudes: 1.6ML NCS 2.0MW NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PTH	BZ	53	178	EP		2134	32.11	0.40							1.0
PTH	BE	53	178	ES		2134	44.84	6.45							0.0
PTH	BE	53	178	IAML		2134	45.40			17	0.3				
PTH	BN	53	178	IAML		2134	45.53			19	0.4				
LGTI	BZ	74	187	EP		2134	35.87	0.32							1.0
LGTI	BN	74	187	ES		2134	44.36	-0.66							1.0
JOSI	BZ	81	313	EP		2134	35.92	-0.78							1.0
JOSI	BN	81	313	ES		2134	47.37	0.36							1.0
JOSI	BN	81	313	IAML		2134	48.10			31	0.8				
JOSI	BE	81	313	IAML		2134	51.56			20	0.7				
MUKT	HZ	84	218	EP		2134	37.79	0.32							1.0
MUKT	HN	84	218	ES		2134	48.38	0.04							1.0
MUKT	HN	84	218	IAML		2134	50.69			10	0.5				
MUKT	HE	84	218	IAML		2134	51.10			21	0.5				

May 7 2023 Hour: 9: 5 23.9 Lat: 24.61N Lon: 94.31E D: 37.6 Ag: NCS Local
 Magnitudes: 2.9ML NCS 3.2MW NCS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IMP	SZ	44	304	EP		0905	32.73	-0.56							1.0
IMP	SN	44	304	ES		0905	40.48	0.30							1.0
IMP	SN	44	304	IAML		0905	43.12			1192	0.3				
IMP	SE	44	304	IAML		0905	43.67			351	0.6				
KOHI	SZ	125	351	EP		0905	43.52	0.11							1.0
KOHI	SN	125	351	ES		0905	57.72	0.04							1.0
KOHI	SE	125	351	IAML		0906	00.65			78	0.2				
KOHI	SN	125	351	IAML		0906	01.09			55	0.3				
CMPI	HZ	159	220	EP		0905	47.99	0.16							1.0
CMPI	HN	159	220	ES		0906	05.43	0.11							1.0
CMPI	HN	159	220	IAML		0906	09.83			248	0.3				
CMPI	HE	159	220	IAML		0906	09.98			293	0.4				
AZL	SZ	190	240	EP		0905	51.43	0.02							1.0
AZL	SE	190	240	ES		0906	11.50	-0.02							1.0
AZL	SE	190	240	IAML		0906	13.61			118	0.4				
AZL	SN	190	240	IAML		0906	13.99			40	0.6				
MOKO	SZ	191	6	EP		0905	51.52	-0.00							1.0
MOKO	SE	191	6	ES		0906	11.64	-0.07							1.0
MOKO	SE	191	6	IAML		0906	19.24			168	0.4				
MOKO	SN	191	6	IAML		0906	19.42			95	0.4				
SHL	HZ	257	295	EP		0905	59.73	0.24							1.0
SHL	HN	257	295	ES		0906	25.18	-0.32							1.0
SHL	HE	257	295	IAML		0906	27.40			176	0.2				
SHL	HN	257	295	IAML		0906	27.94			192	0.3				
SAIH	SZ	270	210	EP		0906	01.05	-0.17							1.0
SAIH	SN	270	210	ES		0906	28.38	-0.12							1.0
SAIH	SN	270	210	IAML		0906	39.01			31	0.7				
SAIH	SE	270	210	IAML		0906	41.63			49	0.7				
GUWA	SN	316	304	ES		0906	38.11	-0.03							1.0
GUWA	SN	316	304	IAML		0906	38.38			50	0.1				
GUWA	SE	316	304	IAML		0906	38.56			27	0.1				
TURA	SZ	424	285	EP		0906	20.23	0.33							1.0
TURA	SN	424	285	ES		0907	00.79	-0.01							1.0
TURA	SE	424	285	IAML		0907	02.80			209	0.3				
TURA	SN	424	285	IAML		0907	03.09			195	0.3				

May 7 2023 Hour: 14:18 1.9 Lat: 28.13N Lon: 66.25E D: 11.0F Ag: NCS Local
 Magnitudes: 3.9ML NCS 3.5MW NCS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JASL	BZ	479	105	EP		1419	07.46	0.14							1.0
JASL	BN	479	105	ES		1419	55.16	0.09							1.0
KUDL	HZ	1005	88	EP		1420	11.44	-0.26							1.0
KUDL	HN	1005	88	ES		1421	46.42	-0.02							1.0
DHRM	HZ	1070	62	EP		1420	19.74	0.10							1.0
DHRM	HN	1070	62	ES		1422	00.28	0.10							1.0
DHRM	HE	1070	62	IAML		1422	14.40			86	0.5				
DHRM	HN	1070	62	IAML		1422	14.76			101	0.6				
SDNR	BZ	1097	67	EP		1420	22.70	-0.17							1.0
SDNR	BN	1097	67	ES		1422	05.81	0.04							1.0
SDNR	BN	1097	67	IAML		1422	16.10			12	0.3				
SDNR	BE	1097	67	IAML		1422	17.14			21	0.5				
SMLA	HZ	1109	70	EP		1420	23.97	-0.27							1.0
SMLA	HN	1109	70	ES		1422	07.80	-0.33							1.0
SMLA	HE	1109	70	IAML		1422	16.79			41	0.6				
ALCI	BZ	1241	54	EP		1420	40.75	0.31							1.0
ALCI	BN	1241	54	ES		1422	36.23	0.06							1.0
MUKT	HZ	1316	80	EP		1420	50.02	0.06							1.0
MUKT	HN	1316	80	ES		1422	52.77	0.14							1.0
MUKT	HE	1316	80	IAML		1423	06.65			25	0.9				
MUKT	HN	1316	80	IAML		1423	08.78			15	1.3				

May 7 2023 Hour: 23:45 57.5 Lat: 23.39N Lon: 94.22E D: 31.5 Ag: NCS Local
 Magnitudes: 2.8ML NCS 3.1MW NCS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMPI	HZ	93	277	EP		2346	13.66	-0.07							1.0
CMPI	HN	93	277	ES		2346	25.67	0.07							1.0
CMPI	HN	93	277	IAML		2346	27.93			568	0.6				
CMPI	HE	93	277	IAML		2346	29.73			562	0.4				
SAIH	SN	161	232	ES		2346	40.13	0.23							1.0
SAIH	SN	161	232	IAML		2346	48.90			65	0.6				
AZL	SE	161	284	IAML		2346	42.29			157	0.5				
SAIH	SZ	161	232	EP		2346	21.69	-0.31							1.0
AZL	SZ	161	284	EP		2346	22.18	0.24							1.0
AZL	SN	161	284	ES		2346	39.55	-0.25							1.0
AZL	SN	161	284	IAML		2346	42.30			174	0.4				
SAIH	SE	161	232	IAML		2346	45.46			49	0.8				
KOHI	SZ	258	358	EP		2346	33.77	-0.12							1.0
KOHI	SN	258	358	ES		2347	00.57	0.10							1.0
KOHI	SE	258	358	IAML		2347	07.63			18	0.4				
SHL	HZ	330	317	EP		2346	42.80	0.15							1.0
SHL	HN	330	317	ES		2347	15.58	-0.05							1.0
SHL	HE	330	317	IAML		2347	19.00			47	0.2				
SHL	HN	330	317	IAML		2347	19.29			51	0.3				

May 8 2023 Hour: 6:2 19.5 Ag: NCS Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHV	BZ			EP		0621	55.28								
VAR	BZ			EP		0621	55.05								
ALBI	BZ			EP		0621	54.87								
STMR	BZ			EP		0621	54.87								
BNDA	BZ			EP		0621	57.52								
VLK	BZ			EP		0621	58.04								
UDPR	BZ			EP		0621	59.33								
BRCH	BZ			EP		0622	00.04								
AJM	BZ			EP		0622	01.79								
UNCH	BZ			EP		0622	02.17								
KUDL	HZ			EP		0622	03.61								
PTDI	HZ			EP		0622	03.75								
BISR	BZ			EP		0622	03.83								

AYAN	BZ	EP	0622	03.83
PTH	BZ	EP	0622	03.77
ASOR	BZ	EP	0622	03.83
LDR	HZ	EP	0622	03.98
NPL	BZ	EP	0622	04.13
UJWA	BZ	EP	0622	03.56
NDI	HZ	EP	0622	04.12
MERT	BZ	EP	0622	04.17
NRLA	BZ	EP	0622	04.40
RTK	BZ	EP	0622	04.96
BKNR	BZ	EP	0622	05.08
JOSI	BZ	EP	0622	05.47
DDI	HZ	EP	0622	05.93
SMLA	HZ	EP	0622	07.59
BHK	BZ	EP	0622	07.91
SDNR	BZ	EP	0622	08.34

May 8 2023 Hour: 7:31 55.8 Lat: 29.97N Lon: 80.02E D: 5.0F Ag: NCS Local
 Magnitudes: 2.2ML NCS 2.2MW NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PTH	BZ	46	158	EP		0732	04.03	0.09							1.0
PTH	BN	46	158	ES		0732	09.32	-0.52							1.0
PTH	BN	46	158	IAML		0732	10.40			134	0.2				
PTH	BE	46	158	IAML		0732	10.67			170	0.1				
LGTI	BZ	65	174	EP		0732	07.09	-0.04							1.0
LGTI	BN	65	174	ES		0732	16.00	0.64							1.0
LGTI	BE	65	174	IAML		0732	16.24			92	0.2				
LGTI	BN	65	174	IAML		0732	16.64			71	0.2				
MUKT	HZ	67	212	EP		0732	07.97	0.10							1.0
MUKT	HE	67	212	ES		0732	16.36	-0.28							1.0
MUKT	HN	67	212	IAML		0732	18.42			48	0.2				
MUKT	HE	67	212	IAML		0732	18.47			112	0.3				

May 8 2023 Hour: 8:58 16.7 Lat: 34.18N Lon: 74.54E D: 10.0F Ag: NCS Local
 Magnitudes: 3.1ML NCS 3.0MW NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	151	159	EP		0858	41.83	-0.26							1.0
UDMP	HN	151	159	ES		0858	59.97	-0.69							1.0
JMU	BZ	158	170	EP		0858	42.96	-0.12							1.0
JMU	BE	158	170	ES		0859	02.82	0.45							1.0
JMU	BN	158	170	IAML		0859	06.21			532	0.3				
JMU	BE	158	170	IAML		0859	06.30			271	0.2				
THN	BZ	226	148	EP		0858	51.06	-0.34							1.0
THN	BN	226	148	ES		0859	16.33	-0.44							1.0
ALCI	BZ	243	88	EP		0858	54.19	0.66							1.0
ALCI	BN	243	88	ES		0859	20.33	-0.12							1.0
ALCI	BE	243	88	IAML		0859	29.00			88	0.6				
ALCI	BN	243	88	IAML		0859	30.03			69	0.4				
DHRM	HZ	270	142	EP		0858	56.66	-0.17							1.0
DHRM	HN	270	142	ES		0859	25.57	-0.59							1.0
DHRM	HE	270	142	IAML		0859	30.47			281	0.4				
DHRM	HN	270	142	IAML		0859	30.68			238	0.3				
TLWR	BZ	280	152	EP		0858	57.74	-0.20							1.0
TLWR	BE	280	152	ES		0859	30.70	2.63							1.0
TLWR	BN	280	152	IAML		0859	31.25			181	0.5				
TLWR	BE	280	152	IAML		0859	31.56			214	0.4				
SDNR	BZ	367	142	EP		0859	08.45	-0.21							1.0
SDNR	BE	367	142	IAML		0859	55.20			37	0.2				
SDNR	BN	367	142	IAML		0859	55.44			30	0.2				
SMLA	HZ	419	143	EP		0859	14.74	-0.18							1.0
SMLA	HN	419	143	ES		0859	57.00	-0.45							1.0
SMLA	HE	419	143	IAML		0900	10.05			83	0.2				

May 8 2023 Hour: 22: 2 25.9 Lat: 36.44N Lon: 71.58E D:125.5 Ag: NCS Local
Magnitudes: 4.1ML NCS 3.9MW NCS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	396	131	EP		2203	19.42	-0.14							1.0
SRIN	BN	396	131	ES		2203	58.50	-0.20							1.0
SRIN	BE	396	131	IAML		2204	05.03			855	0.2				
JMU	BZ	504	143	EP		2203	32.44	0.01							1.0
JMU	BN	504	143	ES		2204	21.00	0.03							1.0
JMU	BE	504	143	IAML		2204	28.27			565	0.4				
JMU	BN	504	143	IAML		2204	28.82			1106	0.4				
UDMP	HZ	509	139	EP		2203	32.87	-0.08							1.0
UDMP	HN	509	139	ES		2204	21.91	0.04							1.0
THN	BZ	590	138	EP		2203	42.67	0.00							1.0
THN	BN	590	138	ES		2204	38.70	0.02							1.0
DHRM	HZ	637	136	EP		2203	48.86	0.52							1.0
DHRM	HN	637	136	ES		2204	48.74	0.24							1.0
DHRM	HE	637	136	IAML		2204	54.76			484	0.6				
DHRM	HN	637	136	IAML		2204	55.22			710	0.3				
SDNR	BZ	733	136	EP		2204	00.03	0.10							1.0
SDNR	BN	733	136	ES		2205	08.68	0.14							1.0
SDNR	BN	733	136	IAML		2205	13.11			160	0.5				
SDNR	BE	733	136	IAML		2205	14.64			133	0.2				
BHK	BZ	747	137	EP		2204	01.56	-0.06							1.0
BHK	BN	747	137	ES		2205	11.56	0.08							1.0
BHK	BN	747	137	IAML		2205	12.41			174	0.2				
BHK	BE	747	137	IAML		2205	13.10			208	0.1				
SMLA	HZ	784	137	EP		2204	06.10	0.09							1.0
SMLA	HN	784	137	ES		2205	19.21	0.14							1.0
SMLA	HE	784	137	IAML		2205	25.20			183	0.2				
JOSI	BZ	987	129	EP		2204	30.20	-0.20							1.0
JOSI	BE	987	129	ES		2206	01.02	-0.24							1.0
JOSI	BN	987	129	IAML		2206	10.56			88	0.5				
JOSI	BE	987	129	IAML		2206	13.76			78	0.9				
MUKT	HZ	1081	133	EP		2204	41.95	-0.05							1.0
MUKT	HN	1081	133	IAML		2206	27.09			54	0.4				
MUKT	HE	1081	133	IAML		2206	27.73			53	0.7				
PTH	BZ	1107	131	EP		2204	44.66	-0.16							1.0
PTH	BN	1107	131	ES		2206	26.33	0.13							1.0
PTH	BE	1107	131	IAML		2206	32.42			22	0.3				
PTH	BN	1107	131	IAML		2206	32.61			31	0.3				
LGTI	BZ	1114	132	EP		2204	45.74	-0.04							1.0
LGTI	BN	1114	132	ES		2206	27.61	-0.25							1.0
LGTI	BE	1114	132	IAML		2206	33.01			28					
UDPR	BZ	1331	171	EP		2205	11.88	0.09							1.0
UDPR	BN	1331	171	ES		2207	12.65	-0.21							1.0
UDPR	BN	1331	171	IAML		2207	21.84			22	0.6				
UDPR	BE	1331	171	IAML		2207	23.54			30	1.0				

May 9 2023 Hour: 1:47 52.6 Lat: 37.16N Lon: 72.85E D:160.0F Ag: NCS Local
Magnitudes: 4.0ML NCS 4.0MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	511	129	EP		0149	00.71	0.01							1.0
ALCI	BN	511	129	ES		0149	50.19	-0.19							1.0
ALCI	BE	511	129	IAML		0150	00.76			266	0.3				
ALCI	BN	511	129	IAML		0150	01.27			265	0.4				
UDMP	HZ	515	156	EP		0149	01.13	-0.00							1.0
UDMP	HN	515	156	ES		0149	51.36	0.23							1.0
JMU	BZ	518	159	EP		0149	01.50	-0.11							1.0
JMU	BN	518	159	ES		0149	51.77	-0.19							1.0
JMU	BE	518	159	IAML		0149	57.89			526	0.6				
JMU	BN	518	159	IAML		0149	59.34			653	0.7				
THN	BZ	589	152	EP		0149	09.92	-0.02							1.0
THN	BN	589	152	ES		0150	06.33	-0.03							1.0

DHRM	HZ	630	149	EP	0149	14.66-0.16											1.0
DHRM	HN	630	149	ES	0150	14.67-0.14											1.0
DHRM	HE	630	149	IAML	0150	21.51	1018	0.8									
DHRM	HN	630	149	IAML	0150	22.71	846	0.9									
TLWR	BZ	644	153	EP	0149	16.30-0.06											1.0
TLWR	BN	644	153	ES	0150	17.56 0.09											1.0
TLWR	BE	644	153	IAML	0150	23.76	351	0.4									
SDNR	BZ	726	148	EP	0149	26.43 0.16											1.0
SDNR	BE	726	148	ES	0150	34.50-0.11											1.0
SDNR	BN	726	148	IAML	0150	39.29	140	0.4									
SDNR	BE	726	148	IAML	0150	40.65	142	0.3									
HNLY	BZ	740	129	EP	0149	28.08 0.11											1.0
HNLY	BE	740	129	ES	0150	37.56 0.00											1.0
HNLY	BN	740	129	IAML	0150	46.90	46	1.1									
HNLY	BE	740	129	IAML	0150	47.26	32	0.8									
BHK	BZ	742	148	EP	0149	28.08-0.03											1.0
BHK	BN	742	148	ES	0150	38.09 0.29											1.0
BHK	BE	742	148	IAML	0150	39.39	297	0.7									
SMLA	HZ	779	148	EP	0149	32.53 0.10											1.0
SMLA	HN	779	148	ES	0150	45.19-0.08											1.0
SMLA	HE	779	148	IAML	0150	49.33	529	0.4									
PTH	BZ	1083	139	EP	0150	08.88 0.04											1.0
PTH	BN	1083	139	ES	0151	48.37 0.10											1.0
PTH	BN	1083	139	IAML	0151	55.40	27	0.5									
PTH	BE	1083	139	IAML	0151	58.15	32	0.7									

May 9 2023 Hour: 6:10 25.0 Lat: 24.54N Lon: 94.61E D: 11.4 Ag: NCS Local

Magnitudes: 3.5ML NCS 3.3MW NCS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IMP	SZ	75	296	EP		0610	38.40	0.29							1.0
IMP	SN	75	296	ES		0610	47.74	0.02							1.0
IMP	SN	75	296	IAML		0610	59.55		584	0.2					
IMP	SE	75	296	IAML		0610	59.65		206	0.2					
KOHI	SZ	141	339	EP		0610	48.62-0.15								1.0
KOHI	SN	141	339	ES		0611	05.97-0.18								1.0
KOHI	SE	141	339	IAML		0611	11.29		638	0.7					
KOHI	SN	141	339	IAML		0611	11.29		717	0.7					
CMPI	HZ	176	229	EP		0610	53.31-0.26								1.0
CMPI	HN	176	229	ES		0611	14.57 0.11								1.0
CMPI	HE	176	229	IAML		0611	15.50		193	0.2					
CMPI	HN	176	229	IAML		0611	15.80		285	0.5					
SILR	SZ	185	279	EP		0610	54.45-0.05								1.0
SILR	SN	185	279	ES		0611	15.99-0.07								1.0
SILR	SN	185	279	IAML		0611	19.54		810	0.2					
SILR	SE	185	279	IAML		0611	22.37		430	0.5					
MOKO	SZ	198	357	EP		0610	56.29 0.17								1.0
MOKO	SN	198	357	ES		0611	19.12 0.26								1.0
MOKO	SE	198	357	IAML		0611	21.91		722	0.6					
MOKO	SN	198	357	IAML		0611	24.79		291	0.4					
AZL	SZ	215	246	EP		0610	58.24 0.11								1.0
AZL	SE	215	246	ES		0611	22.43 0.08								1.0
AZL	SN	215	246	IAML		0611	22.91		149	0.2					
AZL	SE	215	246	IAML		0611	23.02		149	0.2					
SAIH	SZ	281	217	EP		0611	06.34 0.07								1.0
SAIH	SN	281	217	ES		0611	36.45 0.02								1.0
SAIH	SN	281	217	IAML		0611	38.04		71	0.6					
SHL	HZ	288	294	EP		0611	07.07-0.05								1.0
SHL	HN	288	294	ES		0611	37.88-0.02								1.0
SHL	HE	288	294	IAML		0611	39.65		672	0.2					
SHL	HN	288	294	IAML		0611	41.34		1131	0.2					
TEZP	SZ	294	322	EP		0611	07.80 0.05								1.0
TEZP	SN	294	322	ES		0611	39.00 0.01								1.0
TEZP	SN	294	322	IAML		0611	42.65		1924	0.1					
ITAN	SZ	302	343	EP		0611	08.33-0.52								1.0

ITAN	SN	302	343	ES	0611	41.10	0.21									1.0
ITAN	SN	302	343	IAML	0611	43.64			885	0.3						
ITAN	SE	302	343	IAML	0611	44.52			528	0.1						
GUWA	SZ	347	303	EP	0611	14.31	0.04									1.0
GUWA	SN	347	303	ES	0611	50.28	0.01									1.0
GUWA	SE	347	303	IAML	0611	51.22			336	0.3						
GUWA	SN	347	303	IAML	0611	52.68			296	0.2						
TAWA	SZ	436	322	EP	0611	25.18	0.03									1.0
TAWA	SN	436	322	ES	0612	09.21	0.12									1.0
TAWA	SE	436	322	IAML	0612	13.75			581	0.1						
TAWA	SN	436	322	IAML	0612	15.45			783	0.2						
TURA	SZ	456	285	EP	0611	27.55	-0.04									1.0
TURA	SE	456	285	IAML	0612	15.09			445	0.2						
GTK	SZ	677	298	EP	0611	54.49	-0.03									1.0
GTK	SN	677	298	ES	0612	59.68	-0.23									1.0
GTK	SN	677	298	IAML	0613	05.00			31	0.2						
GTK	SE	677	298	IAML	0613	05.98			44	0.3						

May 9 2023 Hour: 13:42 21.0 Lat: 11.14N Lon: 91.99E D: 10.0F Ag: NCS Local

Magnitudes: 4.4ML NCS 3.9MW NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PBA	HZ	100	55	EP		1342	38.61	0.10							1.0
PBA	HN	100	55	ES		1342	51.20	-0.06							1.0
PBA	HE	100	55	IAML		1342	57.96			15496	0.4				
DGPR	HZ	248	24	EP		1342	58.76	0.32							1.0
DGPR	HN	248	24	ES		1343	25.93	0.18							1.0
DGPR	HN	248	24	IAML		1343	44.57			3649	0.7				
DGPR	HE	248	24	IAML		1343	45.39			3439	0.6				
VISK	HZ	1184	309	EP		1344	52.83	0.09							1.0
BWNR	BZ	1206	328	EP		1344	55.47	0.02							1.0
BWNR	BN	1206	328	IAML		1346	53.60			251	0.7				
BWNR	BE	1206	328	IAML		1346	54.47			331	0.8				
SAIH	SZ	1261	5	EP		1345	02.15	-0.02							1.0
SAIH	SN	1261	5	ES		1347	00.98	1.19							1.0
SAIH	SE	1261	5	IAML		1347	08.86			36	0.4				
SAIH	SN	1261	5	IAML		1347	10.83			36	0.9				
RAGD	BZ	1282	315	EP		1345	03.87	-0.92							1.0
RAGD	BN	1282	315	ES		1347	04.01	-0.32							1.0
RAGD	BE	1282	315	IAML		1347	09.33			93	0.2				
RAGD	BN	1282	315	IAML		1347	14.22			93	0.7				
MDRS	HZ	1302	280	EP		1345	06.33	-0.77							1.0
MDRS	HE	1302	280	ES		1347	09.69	1.37							0.9
MDRS	HN	1302	280	IAML		1347	13.14			139	0.5				
MDRS	HE	1302	280	IAML		1347	15.59			163	0.5				
AZL	SZ	1397	3	EP		1345	19.49	0.76							1.0
AZL	SN	1397	3	ES		1347	27.24	-1.19							1.0
AZL	SE	1397	3	IAML		1347	40.16			16	0.4				
AZL	SN	1397	3	IAML		1347	41.71			23	0.8				
SALM	BZ	1511	274	EP		1345	34.33	0.60							1.0
SALM	BN	1511	274	ES		1348	06.75	0.91							1.0
SALM	BE	1511	274	IAML		1348	10.00			28	0.4				
SALM	BN	1511	274	IAML		1348	10.03			87	0.4				
RAIP	HZ	1569	317	EP		1345	41.30	0.50							1.0
RAIP	HE	1569	317	ES		1348	18.71	0.24							1.0
RAIP	HN	1569	317	IAML		1348	36.76			66	1.4				
RAIP	HE	1569	317	IAML		1348	36.90			78	1.5				
KOD	BZ	1592	268	EP		1345	43.55	-0.10							1.0
KOD	BN	1592	268	ES		1348	23.77	0.21							1.0
KOD	BN	1592	268	IAML		1348	27.43			36	0.5				
KOD	BE	1592	268	IAML		1348	27.87			13	0.4				
BLSP	BZ	1602	320	EP		1345	44.02	-0.74							1.0
BLSP	BN	1602	320	ES		1348	25.05	-0.49							1.0
BLSP	BE	1602	320	IAML		1348	26.96			34	0.2				
BLSP	BN	1602	320	IAML		1348	28.15			25	0.2				

HYB	HZ	1608	297	EP	1345	45.24-0.32										1.0
HYB	HN	1608	297	ES	1348	26.54-0.42										1.0
HYB	HE	1608	297	IAML	1348	31.75			32	1.1						
HYB	HN	1608	297	IAML	1348	33.17			33	0.7						
CHT	HZ	1624	266	EP	1345	46.54-0.98										1.0
CHT	HN	1624	266	ES	1348	30.36-0.11										1.0
CHT	HN	1624	266	IAML	1348	35.82			18	0.6						
CHT	HE	1624	266	IAML	1348	40.16			22	0.4						
MOKO	SZ	1702	9	EP	1345	56.75-0.27										1.0
MOKO	SN	1702	9	ES	1348	47.87 0.29										1.0
MOKO	SN	1702	9	IAML	1348	53.47			34	0.7						
MOKO	SE	1702	9	IAML	1349	02.88			58	2.1						

May 9 2023 Hour: 22:41 2.3 Lat: 38.04N Lon: 73.24E D: 10.0F Ag: NCS Local
 Magnitudes: 3.8ML NCS 3.3MW NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	465	162	EP		2242	05.53-0.71								1.0
SRIN	BE	465	162	ES		2242	53.38 0.49								1.0
SRIN	BN	465	162	IAML		2242	53.89			382	0.1				
SRIN	BE	465	162	IAML		2242	54.00			510	0.2				
UDMP	HZ	594	163	EP		2242	22.21 0.22								1.0
UDMP	HE	594	163	ES		2243	19.88-0.26								1.0
DHRM	HZ	701	156	EP		2242	35.71 0.63								1.0
DHRM	HN	701	156	ES		2243	42.71-0.07								1.0
DHRM	HE	701	156	IAML		2244	42.34			77	0.5				
DHRM	HN	701	156	IAML		2244	43.58			67	0.4				
SDNR	BZ	796	154	EP		2242	46.75 0.13								1.0
SDNR	BN	796	154	ES		2244	02.58-0.16								1.0
SMLA	HZ	847	154	EP		2242	52.64-0.26								1.0
SMLA	HN	847	154	ES		2245	07.78 54.2								0.0
SMLA	HE	847	154	IAML		2245	09.72			52	0.4				
SMLA	HN	847	154	IAML		2245	14.25			51	0.2				

May 9 2023 Hour: 22:47 28.1 Lat: 24.68N Lon: 94.17E D: 43.5 Ag: NCS Local
 Magnitudes: 2.7ML NCS 2.9MW NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IMP	SZ	28	307	EP		2247	35.28-1.02								1.0
IMP	SN	28	307	ES		2247	42.84 0.54								1.0
IMP	SN	28	307	IAML		2247	43.83			228	0.4				
IMP	SE	28	307	IAML		2247	43.85			77	0.4				
KOHI	SZ	116	357	EP		2247	46.19-0.25								1.0
KOHI	SN	116	357	ES		2247	59.99 0.15								1.0
KOHI	SN	116	357	IAML		2248	00.90			340	0.5				
KOHI	SE	116	357	IAML		2248	01.36			408	0.4				
CMPI	HZ	157	214	EP		2247	52.21 0.52								1.0
CMPI	HN	157	214	ES		2248	09.28 0.35								1.0
CMPI	HN	157	214	IAML		2248	16.37			65	0.3				
CMPI	HE	157	214	IAML		2248	18.74			132	0.8				
AZL	SZ	183	236	EP		2247	54.62 0.02								1.0
AZL	SN	183	236	ES		2248	13.97 0.01								1.0
AZL	SE	183	236	IAML		2248	18.58			121	0.2				
MOKO	SZ	185	11	EP		2247	55.34 0.36								1.0
MOKO	SE	185	11	ES		2248	14.92 0.30								1.0
MOKO	SN	185	11	IAML		2248	18.94			71	0.3				
MOKO	SE	185	11	IAML		2248	20.08			86	0.3				
TEZP	SZ	255	328	EP		2248	03.22-0.18								1.0
TEZP	SN	255	328	ES		2248	29.02-0.16								1.0
TEZP	SN	255	328	IAML		2248	32.55			49	0.1				
SAIH	SZ	271	207	EP		2248	04.67-0.70								1.0
SAIH	SE	271	207	ES		2248	32.68 0.09								1.0
SAIH	SE	271	207	IAML		2248	41.62			20	0.8				
SAIH	SN	271	207	IAML		2248	42.48			8	1.0				
TURA	SZ	409	284	EP		2248	22.00-0.14								1.0
TURA	SN	409	284	ES		2249	01.72 0.11								1.0

TURA	SN	409	284	IAML	2249	04.34	54	0.1
TURA	SE	409	284	IAML	2249	04.40	62	0.2

May 10 2023 Hour: 6:27 57.0 Lat: 26.50N Lon: 96.32E D:106.9 Ag: NCS Local

Magnitudes: 3.0ML NCS 3.4MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MOKO	SZ	181	264	EP		0628	25.34	0.10							1.0
MOKO	SN	181	264	ES		0628	45.94	0.07							1.0
MOKO	SN	181	264	IAML		0628	56.80			105	0.3				
MOKO	SE	181	264	IAML		0628	57.81			137	0.7				
KOHI	SZ	238	249	EP		0628	31.46	-0.13							1.0
KOHI	SN	238	249	ES		0628	56.89	0.05							1.0
KOHI	SN	238	249	IAML		0629	28.98			176	0.5				
KOHI	SE	238	249	IAML		0629	30.24			177	1.5				
ITAN	SZ	268	286	EP		0628	35.00	-0.11							1.0
ITAN	SN	268	286	ES		0629	02.69	-0.24							1.0
IMP	SZ	302	233	EP		0628	39.18	0.14							1.0
IMP	SN	302	233	ES		0629	09.77	0.03							1.0
TEZP	SZ	351	273	EP		0628	44.98	0.13							1.0
TEZP	SN	351	273	ES		0629	19.75	-0.04							1.0
SHL	HZ	446	257	EP		0628	56.25	0.04							1.0
SHL	HN	446	257	ES		0629	39.71	0.27							1.0
SHL	HN	446	257	IAML		0629	39.97			48	0.0				
SHL	HE	446	257	IAML		0629	40.25			33	0.0				
CMPI	HZ	451	223	EP		0628	56.99	-0.05							1.0
CMPI	HN	451	223	ES		0629	40.78	-0.09							1.0
CMPI	HE	451	223	IAML		0629	47.38			45	0.6				
CMPI	HN	451	223	IAML		0629	48.15			27	0.5				
AZL	SZ	477	231	EP		0629	00.09	0.07							1.0
AZL	SN	477	231	ES		0629	45.87	-0.15							1.0
SAIH	SZ	558	218	EP		0629	09.77	-0.02							1.0
SAIH	SN	558	218	ES		0630	02.89	-0.05							1.0

May 10 2023 Hour: 16: 2 3.0 Ag: NCS Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AURD	HZ			EP		1616	24.61								
ASIV	HZ			EP		1616	26.64								
DGPR	HZ			EP		1615	02.96								
MOKO	SZ			EP		1615	10.56								
KOHI	SZ			EP		1615	11.36								
CMPI	HZ			EP		1615	12.51								
SAIH	SZ			EP		1615	12.64								
AZL	SZ			EP		1615	15.01								
SHL	HZ			EP		1615	19.53								
TAWA	SZ			EP		1615	21.96								
TURA	SZ			EP		1615	26.35								
DHUB	SZ			EP		1615	27.70								
COBR	BZ			EP		1615	30.11								
CAL	BZ			EP		1615	31.22								
JPG	BZ			EP		1615	33.28								
GTK	SZ			EP		1615	34.44								
BWNR	BZ			EP		1615	39.39								
JMUI	BZ			EP		1615	41.69								
KNTI	BZ			EP		1615	44.39								
STMR	BZ			EP		1615	46.96								
VISK	HZ			EP		1615	47.32								
RAGD	BZ			EP		1615	48.15								
VLK	BZ			EP		1615	52.61								
RAJM	HZ			EP		1615	52.54								
KNKR	BZ			EP		1615	53.74								
JGDP	HZ			EP		1615	51.97								
GKPR	BZ			EP		1615	51.97								
VAR	BZ			EP		1615	54.86								
BLSP	BZ			EP		1615	55.65								

MDRS	HZ	EP	1615	56.10
RAIP	HZ	EP	1615	57.19
VJD	BZ	EP	1615	57.33
ALBI	BZ	EP	1615	59.59
BRCH	BZ	EP	1616	01.86
LKN	BZ	EP	1616	03.93
TRVM	HZ	EP	1616	05.28
BNDA	BZ	EP	1620	06.22
JBPL	HZ	EP	1620	06.28
CHT	HZ	EP	1620	06.34
HYB	HZ	EP	1620	06.86
KNL	HZ	EP	1620	07.20
ATP	HZ	EP	1620	07.47
PTH	BZ	EP	1620	06.48
CNWR	HZ	EP	1620	07.72
MUKT	HZ	EP	1620	08.69
MYSR	HZ	EP	1620	08.49
JOSI	BZ	EP	1620	08.67
KDGU	HZ	EP	1620	09.90
GWAL	HZ	EP	1620	10.04
BLRY	HZ	EP	1620	09.31
BHPL	HZ	EP	1620	10.60
DDI	HZ	EP	1620	11.16
ASOR	BZ	EP	1620	10.46
MERT	BZ	EP	1620	10.56
SLPR	HZ	EP	1620	11.56
BISR	BZ	EP	1620	10.46
MNGI	BZ	EP	1620	10.56
FBD	HZ	EP	1620	11.92
JMIU	BZ	EP	1620	10.46
LDR	HZ	EP	1620	10.56
NDI	HZ	EP	1620	10.56
NRLA	BZ	EP	1620	10.56
UJWA	BZ	EP	1620	10.56
SMLA	HZ	EP	1620	12.69
PTDI	HZ	EP	1620	12.85
INDR	HZ	EP	1620	13.03
ALCI	BZ	EP	1620	10.46
BHK	BZ	EP	1620	10.46
SDNR	BZ	EP	1620	13.32
MNC	HZ	EP	1620	13.12
CGRH	BZ	EP	1620	13.32
KUDL	HZ	EP	1620	10.56
RTK	BZ	EP	1620	13.64
DHRM	HZ	EP	1620	14.38
KAD	BZ	EP	1620	12.60
GOA	HZ	EP	1620	14.67
POO	HZ	EP	1620	15.64
AJM	BZ	EP	1620	14.57
UDMP	HZ	EP	1620	16.17
AMRT	HZ	EP	1620	16.47
JMU	BZ	EP	1620	14.57
SRIN	BZ	EP	1620	16.83
BOM	BZ	EP	1620	17.54
PALG	HZ	EP	1620	17.63
SRGN	BZ	EP	1620	17.75
SRAT	HZ	EP	1620	18.24
JASL	BZ	EP	1620	22.77

May 10 2023 Hour: 17:48 35.3 Lat: 28.44N Lon: 76.41E D: 9.3 Ag: NCS Local
 Magnitudes: 2.6ML NCS 2.6MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AYAN	BZ	70	87	EP		1748	47.53	-0.01							1.0
AYAN	BN	70	87	ES		1748	56.47	-0.00							1.0
AYAN	BN	70	87	IAML		1748	58.32			122	0.3				
AYAN	BE	70	87	IAML		1749	00.09			169	0.1				
NPL	BZ	77	73	EP		1748	48.77	-0.01							1.0
NPL	BN	77	73	ES		1748	58.58	-0.03							1.0
NPL	BN	77	73	IAML		1748	59.64			442	0.1				
NPL	BE	77	73	IAML		1749	01.81			814	0.1				
NDI	HZ	83	71	EP		1748	49.90	0.13							1.0
NDI	HN	83	71	ES		1749	00.26	-0.07							1.0
NDI	HN	83	71	IAML		1749	00.63			113	0.2				
NDI	HE	83	71	IAML		1749	01.00			161	0.2				
SMLA	HZ	307	14	EP		1749	19.93	-0.02							1.0
SMLA	HE	307	14	ES		1749	52.51	-0.04							1.0
SMLA	HN	307	14	IAML		1749	53.94			22	0.3				
SMLA	HE	307	14	IAML		1749	53.98			33	0.3				
MUKT	HZ	336	70	EP		1749	23.66	-0.13							1.0
MUKT	HN	336	70	ES		1749	59.03	-0.16							1.0
MUKT	HE	336	70	IAML		1750	00.35			14	0.1				
MUKT	HN	336	70	IAML		1750	00.42			11	0.2				
JOSI	BZ	385	52	EP		1749	29.73	0.26							1.0
JOSI	BN	385	52	ES		1750	09.22	0.21							1.0
JOSI	BE	385	52	IAML		1750	30.92			33	0.5				
JOSI	BN	385	52	IAML		1750	31.37			44	0.4				
DHRM	HZ	422	359	EP		1749	34.13	0.01							1.0
DHRM	HE	422	359	ES		1750	17.07	0.03							1.0
DHRM	HN	422	359	IAML		1750	37.57			23	0.4				
DHRM	HE	422	359	IAML		1750	39.09			45	0.5				
THN	BZ	447	353	EP		1749	37.06	-0.10							1.0
THN	BN	447	353	ES		1750	22.26	-0.05							1.0

May 10 2023 Hour: 18:22 46.4 Lat: 35.88N Lon: 70.91E D:150.0F Ag: NCS Local
 Magnitudes: 3.9ML NCS 4.0MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	498	132	EP		1823	52.78	0.07							1.0
JMU	BE	498	132	ES		1824	41.19	0.06							1.0
JMU	BE	498	132	IAML		1824	48.37			194	0.2				
UDMP	HZ	508	129	EP		1823	53.98	0.14							1.0
UDMP	HN	508	129	ES		1824	43.07	-0.02							1.0
THN	BZ	591	129	EP		1824	03.59	-0.05							1.0
THN	BN	591	129	ES		1824	59.88	-0.16							1.0
ALCI	BZ	601	106	EP		1824	05.01	0.07							1.0
ALCI	BN	601	106	ES		1825	02.28	-0.00							1.0
ALCI	BN	601	106	IAML		1825	04.91			66	0.3				
ALCI	BE	601	106	IAML		1825	05.40			58	0.2				
DHRM	HZ	640	127	EP		1824	09.39	-0.19							1.0
DHRM	HN	640	127	ES		1825	10.12	-0.20							1.0
DHRM	HE	640	127	IAML		1825	15.69			457	0.1				
DHRM	HN	640	127	IAML		1825	16.22			712	0.4				
SDNR	BZ	735	129	EP		1824	20.94	0.07							1.0
SDNR	BN	735	129	ES		1825	29.88	0.04							1.0
SDNR	BN	735	129	IAML		1825	33.28			136	0.2				
SDNR	BE	735	129	IAML		1825	36.24			96	0.2				
SMLA	HZ	785	130	EP		1824	26.63	-0.11							1.0
SMLA	HN	785	130	ES		1825	40.19	0.18							1.0
SMLA	HE	785	130	IAML		1825	46.40			258	0.5				
SMLA	HN	785	130	IAML		1825	47.79			213	0.4				
JOSI	BZ	998	124	EP		1824	52.36	-0.03							1.0
JOSI	BE	998	124	ES		1826	24.46	0.09							1.0
JOSI	BE	998	124	IAML		1826	31.50			76	0.3				

JOSI	BN	998	124	IAML	1826	36.01		90	0.7	
MUKT	HZ	1085	129	EP	1825	03.20	0.07			1.0
MUKT	HN	1085	129	ES	1826	43.03	0.07			1.0
MUKT	HN	1085	129	IAML	1826	49.85		56	0.5	
MUKT	HE	1085	129	IAML	1826	51.60		37	0.4	
PTH	BZ	1115	126	EP	1825	06.41	0.01			1.0
PTH	BN	1115	126	ES	1826	48.47	-0.14			1.0
PTH	BN	1115	126	IAML	1826	58.42		30	0.1	
PTH	BE	1115	126	IAML	1826	58.98		27	0.2	
LGTI	BZ	1121	127	EP	1825	07.09	-0.05			1.0
LGTI	BN	1121	127	ES	1826	49.97	0.08			1.0
LGTI	BN	1121	127	IAML	1826	55.96		31	0.5	
LGTI	BE	1121	127	IAML	1826	56.14		19	0.5	

May 10 2023 Hour: 23:31 2.5 Lat: 29.63N Lon: 81.44E D: 9.2 Ag: NCS Local

Magnitudes: 3.4ML NCS 3.1MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PTH	BZ	120	268	EP		2331	23.27	-0.00							1.0
PTH	BN	120	268	ES		2331	38.42	-0.04							1.0
PTH	BE	120	268	IAML		2331	44.60			1008	0.4				
PTH	BN	120	268	IAML		2331	45.03			780	0.3				
LGTI	BZ	134	259	EP		2331	25.54	0.08							1.0
LGTI	BN	134	259	ES		2331	42.29	0.03							1.0
LGTI	BN	134	259	IAML		2331	48.29			451	0.9				
LGTI	BE	134	259	IAML		2331	48.57			339	0.5				
MUKT	HZ	174	264	EP		2331	31.30	0.02							1.0
MUKT	HN	174	264	ES		2331	52.28	-0.04							1.0
MUKT	HN	174	264	IAML		2331	59.09			435	0.4				
MUKT	HE	174	264	IAML		2331	59.85			610	0.8				
JOSI	BZ	209	300	EP		2331	35.28	0.13							1.0
JOSI	BN	209	300	ES		2331	59.06	0.04							1.0
JOSI	BN	209	300	IAML		2332	10.44			478	0.5				
JOSI	BE	209	300	IAML		2332	11.99			395	0.5				
DDI	HZ	336	284	EP		2331	50.60	-0.05							1.0
DDI	HN	336	284	ES		2332	25.78	-0.05							1.0
DDI	HE	336	284	IAML		2332	32.21			274	0.4				
DDI	HN	336	284	IAML		2332	32.29			473	0.3				
VLK	BZ	343	134	EP		2331	51.47	-0.08							1.0
VLK	BN	343	134	ES		2332	27.38	-0.01							1.0
VLK	BN	343	134	IAML		2332	35.50			160	0.3				
VLK	BE	343	134	IAML		2332	35.72			194	0.8				
AYAN	BZ	440	254	EP		2332	03.16	-0.22							1.0
AYAN	BN	440	254	ES		2332	47.42	-0.43							1.0
AYAN	BE	440	254	IAML		2332	51.07			30	0.3				
AYAN	BN	440	254	IAML		2332	51.62			41	0.3				
SMLA	HZ	443	293	EP		2332	03.61	-0.08							1.0
SMLA	HN	443	293	ES		2332	48.71	0.32							1.0
SMLA	HN	443	293	IAML		2332	55.46			51	0.3				
SMLA	HE	443	293	IAML		2332	55.58			129	0.3				
SDNR	BZ	484	297	EP		2332	08.71	-0.04							1.0
SDNR	BN	484	297	ES		2332	57.14	-0.01							1.0
SDNR	BE	484	297	IAML		2333	01.24			28	0.5				
SDNR	BN	484	297	IAML		2333	02.36			32	0.5				
GWAL	HZ	495	221	EP		2332	10.12	0.01							1.0
GWAL	HN	495	221	ES		2332	59.58	0.09							1.0
GWAL	HE	495	221	IAML		2333	01.77			375	0.5				
GWAL	HN	495	221	IAML		2333	02.55			281	0.4				
DHRM	HZ	570	302	EP		2332	19.30	-0.05							1.0
DHRM	HN	570	302	ES		2333	15.46	-0.01							1.0
DHRM	HE	570	302	IAML		2333	23.59			91	0.6				
THN	BZ	622	302	EP		2332	25.66	0.02							1.0
THN	BN	622	302	ES		2333	26.30	-0.06							1.0
AJM	BZ	758	244	EP		2332	42.31	0.06							1.0
AJM	BE	758	244	ES		2333	55.23	0.14							1.0

AJM	BN	758	244	IAML	2333	59.74			16	0.4									
AJM	BE	758	244	IAML	2333	59.89			24	0.3									
BHPL	HZ	813	210	EP	2332	49.09	0.17											1.0	
BHPL	HN	813	210	ES	2334	06.67	0.04											1.0	
BHPL	HN	813	210	IAML	2334	11.57			52	0.3									
BHPL	HE	813	210	IAML	2334	11.69			49	0.3									

May 11 2023 Hour: 0:21 0.9 Lat: 36.31N Lon: 69.96E D:165.8 Ag: NCS Local
 Magnitudes: 4.2ML NCS 4.0MW NCS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	594	130	EP		0022	18.61	-0.35							1.0
JMU	BN	594	130	ES		0023	16.09	0.13							1.0
JMU	BN	594	130	IAML		0023	30.42			383	0.4				
JMU	BE	594	130	IAML		0023	32.67			247	0.3				
UDMP	HZ	605	127	EP		0022	20.14	-0.06							1.0
UDMP	HN	605	127	ES		0023	18.36	0.25							1.0
THN	BZ	688	127	EP		0022	29.89	-0.13							1.0
THN	BN	688	127	ES		0023	35.21	0.12							1.0
DHRM	HZ	738	126	EP		0022	36.10	0.11							1.0
DHRM	HN	738	126	ES		0023	44.95	-0.48							1.0
DHRM	HE	738	126	IAML		0023	58.24			546	1.0				
DHRM	HN	738	126	IAML		0023	59.04			606	0.4				
SDNR	BZ	832	127	EP		0022	47.50	0.28							1.0
SDNR	BN	832	127	ES		0024	04.81	-0.04							1.0
SDNR	BE	832	127	IAML		0024	18.36			114	0.5				
BHK	BZ	845	128	EP		0022	48.69	-0.06							1.0
BHK	BN	845	128	ES		0024	07.41	-0.10							1.0
BHK	BN	845	128	IAML		0024	14.91			132	0.6				
BHK	BE	845	128	IAML		0024	16.29			151	0.6				
SMLA	HZ	882	129	EP		0022	53.51	0.46							1.0
SMLA	HN	882	129	IAML		0024	28.51			122	0.5				
SMLA	HE	882	129	IAML		0024	29.58			180	0.3				
AJM	BZ	1182	157	EP		0023	28.89	-0.25							1.0
AJM	BN	1182	157	ES		0025	17.50	0.12							1.0

May 11 2023 Hour: 0:45 42.9 Lat: 29.87N Lon: 80.25E D: 7.4 Ag: NCS Local
 Magnitudes: 3.1ML NCS 2.9MW NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PTH	BZ	32	189	EP		0045	48.59	-0.05							1.0
PTH	BE	32	189	IAML		0045	53.68			776	0.1				
PTH	BN	32	189	IAML		0045	54.37			855	0.4				
LGTI	BZ	56	197	EP		0045	52.51	-0.19							1.0
LGTI	BN	56	197	ES		0046	00.00	0.18							1.0
LGTI	BE	56	197	IAML		0046	00.56			244	0.1				
MUKT	HZ	74	232	EP		0045	56.26	0.08							1.0
MUKT	HN	74	232	ES		0046	05.79	-0.06							1.0
MUKT	HN	74	232	IAML		0046	06.62			323	0.1				
MUKT	HE	74	232	IAML		0046	07.03			452	0.2				
JOSI	BZ	101	319	EP		0046	00.51	-0.03							1.0
JOSI	BN	101	319	ES		0046	13.45	0.05							1.0
JOSI	BN	101	319	IAML		0046	14.18			571	0.4				
JOSI	BE	101	319	IAML		0046	15.02			563	0.3				
NDI	HZ	324	247	EP		0046	30.32	0.37							1.0
NDI	HN	324	247	ES		0047	04.89	0.62							1.0
NDI	HN	324	247	IAML		0047	05.91			52	0.3				
NDI	HE	324	247	IAML		0047	07.48			84	0.4				
SMLA	HZ	327	296	EP		0046	29.73	-0.53							1.0
SMLA	HN	327	296	ES		0047	04.08	-0.72							1.0
SMLA	HN	327	296	IAML		0047	18.11			87	0.5				
SMLA	HE	327	296	IAML		0047	22.90			89	0.4				
NPL	BZ	330	246	EP		0046	30.11	-0.48							1.0
NPL	BN	330	246	ES		0047	04.75	-0.62							1.0
NPL	BE	330	246	IAML		0047	08.32			227	0.2				
NPL	BN	330	246	IAML		0047	10.50			306	0.2				

UJWA	BZ	356	247	EP	0046	34.22	0.42									1.0
UJWA	BE	356	247	ES	0047	10.88	-0.06									1.0
UJWA	BE	356	247	IAML	0047	30.92			346	0.6						
UJWA	BN	356	247	IAML	0047	31.41			343	0.1						
SDNR	BZ	370	301	EP	0046	35.76	0.18									1.0
SDNR	BN	370	301	ES	0047	14.42	0.41									1.0
SDNR	BN	370	301	IAML	0047	29.18			55	1.0						
SDNR	BE	370	301	IAML	0047	30.60			50	0.4						
DHRM	HZ	460	306	EP	0046	46.61	0.05									1.0
DHRM	HN	460	306	ES	0047	33.38	0.37									1.0
DHRM	HN	460	306	IAML	0047	41.00			33	0.2						
DHRM	HE	460	306	IAML	0047	41.23			40	0.3						

May 11 2023 Hour: 13:33 17.7

Ag: NCS Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AURD	HZ			EP		1341	33.73								
MOKO	SZ			EP		1339	03.47								
KOHI	SZ			EP		1339	06.85								
IMP	SZ			EP		1339	08.91								
CMPI	HZ			EP		1339	15.64								
SAIH	SZ			EP		1339	19.02								
AZL	SZ			EP		1339	20.10								
TURA	SZ			EP		1339	38.05								
COBR	BZ			EP		1339	43.45								
JPG	BZ			EP		1339	49.15								
GTK	SZ			EP		1339	49.68								
CAL	BZ			EP		1339	56.39								
SHBG	BZ			EP		1339	58.53								
JMUI	BZ			EP		1340	09.76								
STMR	BZ			EP		1340	15.48								
KNTI	BZ			EP		1340	18.72								
BWNR	BZ			EP		1340	20.10								
VLK	BZ			EP		1340	25.23								
VAR	BZ			EP		1340	34.17								
BRCH	BZ			EP		1340	42.33								
ALBI	BZ			EP		1340	42.61								
BLSP	BZ			EP		1340	44.64								
LKN	BZ			EP		1340	48.21								
RAIP	HZ			EP		1340	50.33								
PTH	BZ			EP		1340	51.24								
BNDA	BZ			EP		1340	53.86								
MUKT	HZ			EP		1340	55.69								
JBPL	HZ			EP		1340	59.60								
JHNI	BZ			EP		1341	06.41								
VJD	BZ			EP		1341	08.00								
CNWR	HZ			EP		1341	08.93								
ASOR	BZ			EP		1341	09.32								
ALCI	BZ			EP		1341	11.41								
BISR	BZ			EP		1341	11.84								
JMIU	BZ			EP		1341	12.79								
LDR	HZ			EP		1341	13.33								
NDI	HZ			EP		1341	13.37								
BHK	BZ			EP		1341	13.75								
NPL	BZ			EP		1341	13.61								
SDNR	BZ			EP		1341	13.58								
NRLA	BZ			EP		1341	14.07								
AYAN	BZ			EP		1341	14.07								
CGRH	BZ			EP		1341	15.10								
UJWA	BZ			EP		1341	15.50								
RTK	BZ			EP		1341	18.65								
KUDL	HZ			EP		1341	18.98								
TLWR	BZ			EP		1341	20.08								
THN	BZ			EP		1341	20.96								
UDMP	HZ			EP		1341	25.42								

JMU	BZ	EP	1341	27.18
INDR	HZ	EP	1341	30.19
AJM	BZ	EP	1341	33.44
SRGN	BZ	EP	1341	35.52
BKNR	BZ	EP	1341	41.19
BLRY	HZ	EP	1341	42.58
UDPR	BZ	EP	1341	42.46
JASL	BZ	EP	1341	58.80

May 11 2023 Hour: 14:36 33.8 Lat: 1.40N Lon: 97.65E D: 10.0F Ag: NCS Regional

Magnitudes: 4.4MW NCS

Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SAIH	SZ	2388	348	EP		1441	22.35	-0.16							1.0
CMPI	HZ	2490	349	EP		1441	32.89	0.42							1.0
AZL	SZ	2529	348	EP		1441	35.97	-0.11							1.0
KOHI	SZ	2719	352	EP		1441	49.74	-3.02							0.0
MUKT	HZ	3645	330	EP		1443	07.19	-0.15							1.0

May 11 2023 Hour: 19:15 16.7 Lat: 25.16N Lon: 96.37E D: 9.9 Ag: NCS Local

Magnitudes: 2.9ML NCS 3.0MW NCS

Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MOKO	SZ	226	305	EP		1915	51.40	0.01							1.0
MOKO	SN	226	305	ES		1916	16.75	-0.00							1.0
MOKO	SE	226	305	IAML		1916	28.94			202	0.8				
KOHI	SZ	235	286	EP		1915	52.56	0.02							1.0
KOHI	SN	235	286	ES		1916	18.82	0.09							1.0
KOHI	SN	235	286	IAML		1916	26.76			110	0.5				
KOHI	SE	235	286	IAML		1916	29.19			99	1.3				
IMP	SZ	247	262	EP		1915	53.92	-0.00							1.0
IMP	SE	247	262	ES		1916	21.15	0.02							1.0
IMP	SE	247	262	IAML		1916	29.01			20	0.5				
IMP	SN	247	262	IAML		1916	30.64			33	0.8				
HAUL	HZ	324	3	EP		1916	03.25	-0.01							1.0
HAUL	HE	324	3	ES		1916	37.30	0.01							1.0
HAUL	HN	324	3	IAML		1916	42.38			141	0.4				
HAUL	HE	324	3	IAML		1916	47.41			292	1.1				
CMPI	HZ	361	240	EP		1916	08.02	-0.04							1.0
CMPI	HE	361	240	ES		1916	45.70	0.12							1.0
CMPI	HE	361	240	IAML		1916	53.53			60	0.4				
CMPI	HN	361	240	IAML		1916	53.72			43	0.9				
AZL	SZ	405	248	EP		1916	13.17	-0.05							1.0
AZL	SN	405	248	ES		1916	54.40	-0.11							1.0
AZL	SN	405	248	IAML		1917	06.17			13	0.6				
AZL	SE	405	248	IAML		1917	06.81			18	1.1				
SAIH	SZ	454	230	EP		1916	19.31	0.05							1.0
SAIH	SN	454	230	ES		1917	04.94	-0.03							1.0
SAIH	SN	454	230	IAML		1917	10.52			13	0.8				
SAIH	SE	454	230	IAML		1917	14.07			22	0.3				
TAWA	SZ	524	302	EP		1916	27.78	0.09							1.0
TAWA	SE	524	302	ES		1917	19.46	-0.09							1.0
TAWA	SE	524	302	IAML		1917	24.72			58	0.9				
TAWA	SN	524	302	IAML		1917	28.33			59	0.7				
TURA	SZ	620	275	EP		1916	39.34	-0.07							1.0
TURA	SE	620	275	IAML		1917	46.96			13	0.2				
TURA	SN	620	275	IAML		1917	48.05			20	0.4				

May 11 2023 Hour: 20:44 57.6 Lat: 21.59N Lon: 93.09E D: 61.5 Ag: NCS Local

Magnitudes: 4.3ML NCS 4.1MW NCS

Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SAIH	SZ	100	354	EP		2045	14.72	0.16							1.0
SAIH	SN	100	354	ES		2045	27.05	0.11							1.0
SAIH	SE	100	354	IAML		2045	29.74			3238	0.3				
SAIH	SN	100	354	IAML		2045	31.90			3413	0.8				
CMPI	HZ	212	6	EP		2045	28.06	0.01							1.0

CMPI	HN	212	6	ES	2045	50.29	0.00			1.0
CMPI	HN	212	6	IAML	2045	54.07		3776	0.4	
CMPI	HE	212	6	IAML	2045	56.29		5677	0.7	
AZL	SZ	241	350	EP	2045	31.47	0.06			1.0
AZL	SN	241	350	ES	2045	56.09	-0.00			1.0
AZL	SN	241	350	IAML	2045	58.69		905	0.4	
AZL	SE	241	350	IAML	2046	01.20		1345	0.4	
BELO	SZ	249	318	EP	2045	32.15	-0.24			1.0
BELO	SN	249	318	ES	2045	57.60	-0.18			1.0
BELO	SN	249	318	IAML	2046	01.80		1934	0.5	
AGT	SN	317	324	ES	2046	12.09	0.02			1.0
AGT	SE	317	324	IAML	2046	15.51		3543		
AGT	SN	317	324	IAML	2046	18.71		1101	0.6	
SILR	SZ	354	355	EP	2045	44.62	-0.50			1.0
SILR	SE	354	355	ES	2046	19.78	-0.03			1.0
IMP	SZ	369	14	EP	2045	47.05	0.10			1.0
IMP	SE	369	14	ES	2046	23.04	0.06			1.0
IMP	SE	369	14	IAML	2046	29.36		93	0.6	
KOHI	SZ	469	13	EP	2045	59.07	-0.06			1.0
KOHI	SE	469	13	IAML	2046	49.13		356	0.3	
TURA	SZ	524	327	EP	2046	05.84	0.03			1.0
TURA	SN	524	327	ES	2046	55.68	0.08			1.0
TURA	SE	524	327	IAML	2047	00.59		1465	0.3	
TURA	SN	524	327	IAML	2047	00.99		1081	0.2	
MOKO	SZ	543	15	EP	2046	08.28	0.01			1.0
MOKO	SN	543	15	ES	2046	59.81	-0.05			1.0
MOKO	SN	543	15	IAML	2047	07.80		363	0.4	
MOKO	SE	543	15	IAML	2047	09.03		322	0.5	
TEZP	SN	557	357	ES	2047	02.75	0.12			1.0
TEZP	SN	557	357	IAML	2047	07.86		388	0.1	
DHUB	SZ	583	328	EP	2046	13.03	0.04			1.0
TAWA	SZ	676	350	EP	2046	24.31	-0.08			1.0
TAWA	SE	676	350	ES	2047	27.82	0.07			1.0
TAWA	SE	676	350	IAML	2047	34.06		624	0.5	
TAWA	SN	676	350	IAML	2047	34.71		487	0.2	
GTK	SZ	780	325	EP	2046	37.15	0.00			1.0
GTK	SN	780	325	ES	2047	49.60	-0.22			1.0
GTK	SE	780	325	IAML	2047	55.04		514	0.5	
GTK	SN	780	325	IAML	2047	59.77		389	0.4	
JMUI	BZ	793	299	EP	2046	38.55	-0.09			1.0
JMUI	BN	793	299	ES	2047	52.48	0.08			1.0
JMUI	BN	793	299	IAML	2047	57.73		1008	0.7	
JMUI	BE	793	299	IAML	2047	59.79		2842	0.4	
HAUL	HZ	798	25	EP	2046	39.33	0.07			0.0
HAUL	HN	798	25	ES	2047	53.42	-0.05			1.0
HAUL	HN	798	25	IAML	2047	58.94		1207	0.3	
HAUL	HE	798	25	IAML	2047	59.12		1287	0.3	
KNTI	BZ	832	287	EP	2046	43.45	0.05			1.0
KNTI	BN	832	287	ES	2048	00.67	0.03			1.0
KNTI	BN	832	287	IAML	2048	05.09		551	0.1	
KNTI	BE	832	287	IAML	2048	05.89		910	0.1	
RAGD	BZ	1038	257	EP	2047	08.69	0.03			1.0
VLK	BZ	1132	307	EP	2047	20.27	0.23			1.0
VLK	BN	1132	307	ES	2049	04.07	0.05			1.0
VLK	BE	1132	307	IAML	2049	10.18		146	0.4	
VLK	BN	1132	307	IAML	2049	12.03		225	0.2	
RAIP	HZ	1186	270	EP	2047	26.58	-0.06			1.0
KNKR	BZ	1355	246	EP	2047	47.15	0.05			1.0
KNKR	BN	1355	246	ES	2049	50.65	-0.19			1.0
KNKR	BE	1355	246	IAML	2049	54.77		30	0.2	
KNKR	BN	1355	246	IAML	2049	55.74		42	0.4	
LGTI	BZ	1566	306	EP	2048	13.86	0.00			1.0
LGTI	BN	1566	306	IAML	2050	42.78		38	1.2	
LGTI	BE	1566	306	IAML	2050	44.36		26	0.7	

LGTI	BN	1566	306	ES	2050	49.26	0.10									1.0
PTH	BZ	1567	307	EP	2048	14.45	0.51									1.0
PTH	BN	1567	307	ES	2050	49.43	0.11									1.0
PTH	BN	1567	307	IAML	2050	50.25		18	0.6							
PTH	BE	1567	307	IAML	2050	53.00		27	0.4							
MUKT	HZ	1605	306	EP	2048	18.55	-0.29									1.0
MUKT	HN	1605	306	ES	2050	58.08	-0.27									1.0
MUKT	HE	1605	306	IAML	2050	59.76		47	1.5							
MUKT	HN	1605	306	IAML	2051	01.09		36	1.3							
SLPR	HZ	1851	259	EP	2048	46.81	0.12									1.0
SLPR	HN	1851	259	ES	2051	51.30	0.06									1.0

May 11 2023 Hour: 21:38 53.9 Lat: 36.71N Lon: 71.56E D: 37.5 Ag: NCS Local
 Magnitudes: 3.3ML NCS 3.4MW NCS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	533	141	EP		2140	03.26	-0.00							1.0
UDMP	HN	533	141	ES		2140	53.58	-0.29							1.0
THN	BZ	613	139	EP		2140	13.37	0.25							1.0
THN	BN	613	139	ES		2141	11.24	0.31							1.0
SDNR	BZ	756	138	EP		2140	30.44	-0.19							1.0
SDNR	BN	756	138	ES		2141	41.19	-0.02							1.0
SDNR	BE	756	138	IAML		2141	51.22		27	0.3					
SDNR	BN	756	138	IAML		2141	51.73		28	0.7					
JOSI	BZ	1008	130	EP		2141	01.20	-0.06							1.0
JOSI	BE	1008	130	ES		2142	34.19	-0.01							1.0
JOSI	BE	1008	130	IAML		2142	46.85		10	0.2					
JOSI	BN	1008	130	IAML		2142	47.73		11	1.2					

May 11 2023 Hour: 22:15 50.2 Lat: 30.57N Lon: 79.25E D: 3.5 Ag: NCS Local
 Magnitudes: 1.7ML NCS 1.8MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MUKT	HZ	129	162	EP		2216	12.80	-0.08							1.0
MUKT	HN	129	162	ES		2216	29.50	0.05							1.0
MUKT	HE	129	162	IAML		2216	29.92		13	0.4					
MUKT	HN	129	162	IAML		2216	30.17		12	0.3					
PTH	BZ	142	140	EP		2216	14.98	0.14							1.0
PTH	BN	142	140	ES		2216	32.77	-0.08							1.0
PTH	BN	142	140	IAML		2216	34.04		10	0.1					
PTH	BE	142	140	IAML		2216	34.13		12	0.4					
LGTI	BZ	153	148	EP		2216	16.50	-0.06							1.0
LGTI	BE	153	148	IAML		2216	35.01		7	0.5					
LGTI	BN	153	148	IAML		2216	35.35		7	0.2					
LGTI	BE	153	148	ES		2216	35.85	0.03							1.0

May 11 2023 Hour: 22:25 18.2 Lat: 23.68N Lon: 94.14E D: 34.2 Ag: NCS Local
 Magnitudes: 2.2ML NCS 2.5MW NCS Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMPI	HZ	87	256	EP		2225	34.18	0.49							1.0
CMPI	HE	87	256	ES		2225	45.37	0.39							1.0
CMPI	HN	87	256	IAML		2225	57.41		44	0.7					
CMPI	HE	87	256	IAML		2225	59.37		44	0.3					
AZL	SZ	148	273	EP		2225	41.04	0.11							1.0
AZL	SN	148	273	ES		2225	57.29	-0.21							1.0
SAIH	SZ	177	222	EP		2225	44.29	-0.24							1.0
SAIH	SN	177	222	ES		2226	03.79	0.06							1.0
SILR	SZ	182	312	EP		2225	45.01	-0.04							1.0
SILR	SE	182	312	ES		2226	04.87	0.23							1.0
BELO	SZ	279	261	EP		2225	56.93	0.00							1.0
BELO	SN	279	261	ES		2226	24.73	-0.45							1.0
BELO	SN	279	261	IAML		2226	28.50		22	0.6					
DHUB	SZ	493	303	EP		2226	22.57	-0.34							1.0

May 12 2023 Hour: 6:52 6.0 Lat: 23.41N Lon: 92.96E D: 21.0 Ag: NCS Local
Magnitudes: 3.1ML NCS 3.4MW NCS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMPI	HZ	37	75	EP		0652	13.60	0.09							1.0
CMPI	HN	37	75	ES		0652	19.02	0.01							1.0
CMPI	HN	37	75	IAML		0652	25.51			6177	0.2				
CMPI	HE	37	75	IAML		0652	25.97			3786	0.2				
AZL	SZ	46	323	EP		0652	14.70	0.06							1.0
AZL	SN	46	323	ES		0652	20.95	-0.01							1.0
AZL	SE	46	323	IAML		0652	26.14			2224	0.2				
AZL	SN	46	323	IAML		0652	26.14			5050	0.2				
SAIH	SZ	102	178	EP		0652	23.19	-0.06							1.0
SAIH	SN	102	178	ES		0652	35.76	-0.09							1.0
SAIH	SE	102	178	IAML		0652	40.96			1074	0.8				
SAIH	SN	102	178	IAML		0652	41.12			639	0.5				
SILR	SZ	153	354	EP		0652	30.29	-0.08							1.0
SILR	SN	153	354	ES		0652	48.35	0.17							1.0
SILR	SE	153	354	IAML		0652	55.02			472	0.7				
SILR	SN	153	354	IAML		0652	58.86			583	0.5				
BELO	SZ	156	264	EP		0652	30.87	0.07							1.0
BELO	SN	156	264	ES		0652	49.07	0.16							1.0
IMP	SZ	186	32	EP		0652	34.64	0.12							1.0
IMP	SN	186	32	ES		0652	55.62	0.26							1.0
IMP	SN	186	32	IAML		0653	00.08			24	0.6				
IMP	SE	186	32	IAML		0653	00.37			22	0.2				
GUWA	SN	334	338	ES		0653	26.26	-0.32							1.0
GUWA	SE	334	338	IAML		0653	32.03			30	0.4				
GUWA	SN	334	338	IAML		0653	32.48			21	0.5				
MOKO	SZ	359	26	EP		0652	55.48	-0.13							1.0
MOKO	SN	359	26	ES		0653	31.62	-0.23							1.0
MOKO	SE	359	26	IAML		0653	35.92			45	0.4				

May 13 2023 Hour: 13:25 38.0 Lat: 37.88N Lon: 72.04E D: 10.0F 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
ALCI	BZ	617	130	EP		1327	00.73	0.30							1.0
ALCI	BE	617	130	ES		1328	01.08	0.44							1.0
UDMP	HZ	618	152	EP		1327	00.40	-0.15							1.0
UDMP	HN	618	152	ES		1328	00.91	0.06							1.0
JMU	BZ	620	155	EP		1327	01.15	0.31							1.0
JMU	BE	620	155	ES		1328	01.40	0.06							1.0
JMU	BE	620	155	IAML		1328	22.28			208	0.7				
JMU	BN	620	155	IAML		1328	23.51			198	0.6				
THN	BZ	694	149	EP		1327	09.76	-0.10							1.0
THN	BN	694	149	ES		1328	16.98	0.04							1.0
SDNR	BZ	833	146	EP		1327	26.90	0.11							1.0
SDNR	BN	833	146	ES		1328	46.30	0.06							1.0
BHK	BZ	848	147	EP		1327	28.58	-0.08							1.0
BHK	BE	848	147	ES		1328	49.59	0.12							1.0
JOSI	BZ	1067	137	EP		1327	54.94	-0.41							1.0
JOSI	BE	1067	137	IAML		1329	50.34			81	0.8				
JOSI	BN	1067	137	IAML		1329	51.35			91	1.1				
PTH	BZ	1190	138	EP		1328	10.34	-0.03							1.0
PTH	BN	1190	138	ES		1330	00.90	-0.73							1.0
PTH	BE	1190	138	IAML		1330	15.94			173	0.2				
PTH	BN	1190	138	IAML		1330	22.72			179	0.2				

May 13 2023 Hour: 19:31 48.4 Lat: 27.42N Lon: 91.46E D: 10.5 Ag: NCS Local
 Magnitudes: 2.8ML NCS 2.8MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TAWA	SZ	45	64	EP		1931	56.34	-0.00							1.0
TAWA	SE	45	64	ES		1932	02.14	-0.03							1.0
TAWA	SE	45	64	IAML		1932	11.86			2524	0.1				
TAWA	SN	45	64	IAML		1932	12.21			1631	0.2				
DHUB	SZ	212	224	EP		1932	21.21	-0.08							1.0
GTK	SZ	283	269	EP		1932	30.02	0.06							1.0
GTK	SN	283	269	ES		1933	00.31	-0.02							1.0
GTK	SN	283	269	IAML		1933	14.11			22	0.3				
GTK	SE	283	269	IAML		1933	14.17			31	0.2				
KOHI	SZ	324	125	EP		1932	34.94	-0.02							1.0
KOHI	SN	324	125	ES		1933	09.02	0.03							1.0
MOKO	SZ	327	111	EP		1932	35.53	0.14							1.0
MOKO	SN	327	111	ES		1933	09.64	-0.08							1.0
MOKO	SE	327	111	IAML		1933	22.65			19	0.6				

May 14 2023 Hour: 2:44 24.4 Lat: 33.31N Lon: 69.89E D: 60.0F Ag: NCS Local
 Magnitudes: 3.5ML NCS 3.6MW NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	466	96	EP		0245	23.92	-1.58							1.0
JMU	BN	466	96	ES		0246	10.16	0.03							1.0
JMU	BE	466	96	IAML		0246	27.92			308	0.9				
UDMP	HZ	491	94	EP		0245	29.04	0.51							1.0
UDMP	HE	491	94	ES		0246	15.21	-0.16							1.0
THN	BZ	562	98	EP		0245	37.58	0.32							1.0
THN	BN	562	98	ES		0246	30.30	-0.18							1.0
ALCI	BZ	683	80	EP		0245	52.47	0.40							1.0
ALCI	BN	683	80	ES		0246	56.12	0.02							1.0
ALCI	BE	683	80	IAML		0247	15.81			29	0.5				
ALCI	BN	683	80	IAML		0247	17.14			27	0.5				
SDNR	BZ	689	105	EP		0245	53.29	0.55							1.0
SDNR	BN	689	105	ES		0246	57.43	0.17							1.0
SDNR	BE	689	105	IAML		0247	14.23			29	0.4				
BHK	BZ	697	106	EP		0245	53.46	-0.25							1.0
BHK	BN	697	106	ES		0246	59.10	0.15							1.0
BHK	BE	697	106	IAML		0247	07.13			146	0.3				

May 14 2023 Hour: 8:49 10.7 Lat: 38.14N Lon: 75.88E D: 190.0F Ag: NCS Local
 Magnitudes: 3.4ML NCS 3.7MW NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	451	164	EP		0850	14.08	1.21							1.0
ALCI	BE	451	164	ES		0850	59.31	1.05							1.0
ALCI	BE	451	164	IAML		0851	05.12			41	0.1				
ALCI	BN	451	164	IAML		0851	05.17			45	0.5				
UDMP	HZ	584	187	EP		0850	28.89	0.79							1.0
UDMP	HN	584	187	ES		0851	24.07	-0.54							1.0
JMU	BZ	602	189	EP		0850	29.72	-0.56							1.0
JMU	BN	602	189	ES		0851	28.83	0.45							1.0
JMU	BE	602	189	IAML		0851	35.40			158	0.6				
JMU	BN	602	189	IAML		0851	37.54			167	0.2				
THN	BZ	632	181	EP		0850	33.37	-0.44							1.0
THN	BN	632	181	ES		0851	34.53	0.05							1.0
HNLY	BZ	658	154	EP		0850	36.29	-0.55							1.0
HNLY	BN	658	154	ES		0851	39.27	-0.46							1.0
SDNR	BZ	738	172	EP		0850	45.75	-0.54							1.0
SDNR	BN	738	172	ES		0851	55.62	-0.46							1.0
SDNR	BN	738	172	IAML		0852	03.00			27	0.3				
SDNR	BE	738	172	IAML		0852	03.71			26	0.4				

May 14 2023 Hour: 10:11 38.9 Lat: 33.41N Lon: 139.29E D: 28.5 Ag: NCS Distant
 Magnitudes: 5.2MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MOKO	SZ	4363	272	EP		1019	04.87	-0.06							1.0
KOHI	SZ	4425	271	EP		1019	09.53	-0.04							1.0
AZL	SZ	4643	269	EP		1019	25.87	0.11							1.0
PTH	BZ	5554	282	EP		1020	30.34	-0.01							1.0
ALCI	BZ	5658	289	EP		1020	37.31	-0.06							1.0
RAGD	BZ	5721	269	EP		1020	41.86	0.05							1.0
SDNR	BZ	5777	286	EP		1020	45.50	0.04							1.0
BHK	BZ	5780	286	EP		1020	45.72	0.07							1.0
JBPL	HZ	5852	275	EP		1020	50.32	-0.19							1.0
NDI	HZ	5862	283	EP		1020	51.18	-0.00							1.0
KUDL	HZ	5950	282	EP		1020	57.05	0.03							1.0
INDR	HZ	6257	276	EP		1021	17.09	0.07							1.0
SALM	BZ	6631	264	EP		1021	40.94	0.15							1.0
KAD	BZ	6684	272	EP		1021	43.98	-0.00							1.0
KOD	BZ	6779	263	EP		1021	49.73	-0.16							1.0

May 15 2023 Hour: 8:31 35.8 Lat: 27.61N Lon: 91.44E D: 8.0 Ag: NCS Local
 Magnitudes: 3.2ML NCS 3.0MW NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TAWA	SZ	42	93	EP		0831	43.42	0.12							1.0
TAWA	SN	42	93	ES		0831	48.92	0.17							1.0
TAWA	SE	42	93	IAML		0831	55.85			4314	0.5				
TAWA	SN	42	93	IAML		0831	55.92			11829	0.0				
GUWA	SZ	159	171	EP		0832	02.91	0.25							1.0
GUWA	SN	159	171	ES		0832	22.68	0.44							1.0
GUWA	SE	159	171	IAML		0832	26.58			860	0.3				
GUWA	SN	159	171	IAML		0832	28.12			496	0.4				
DHUB	SZ	227	219	EP		0832	11.08	0.17							1.0
ITAN	SZ	232	102	EP		0832	11.54	0.02							1.0
ITAN	SN	232	102	ES		0832	37.46	-0.10							1.0
ITAN	SE	232	102	IAML		0832	48.78			261	0.1				
ITAN	SN	232	102	IAML		0832	51.56			476	0.3				
TURA	SZ	262	208	EP		0832	15.58	0.44							1.0
TURA	SN	262	208	ES		0832	44.55	0.72							1.0
TURA	SE	262	208	IAML		0832	54.74			552	0.4				
TURA	SN	262	208	IAML		0832	54.77			392	0.4				
GTK	SZ	282	264	EP		0832	17.50	-0.18							1.0
GTK	SE	282	264	ES		0832	48.10	-0.12							1.0
GTK	SE	282	264	IAML		0832	56.65			214	0.4				
GTK	SN	282	264	IAML		0832	57.56			112	0.5				
MOKO	SZ	337	114	EP		0832	24.50	0.06							1.0
MOKO	SN	337	114	ES		0833	00.08	0.16							1.0
MOKO	SE	337	114	IAML		0833	25.53			98	0.5				
KOHI	SZ	338	128	EP		0832	24.75	0.21							1.0
KOHI	SN	338	128	ES		0833	00.32	0.24							1.0
KOHI	SE	338	128	IAML		0833	22.08			117	0.3				
KOHI	SN	338	128	IAML		0833	23.79			92	0.8				
IMP	SZ	397	140	EP		0832	31.91	0.25							1.0
IMP	SN	397	140	ES		0833	12.82	0.41							1.0
AZL	SZ	447	163	EP		0832	36.60	-1.19							1.0
AZL	SE	447	163	ES		0833	23.13	0.12							1.0
AZL	SN	447	163	IAML		0833	31.20			16	0.3				
AZL	SE	447	163	IAML		0833	32.06			19	0.2				
CMPI	HZ	493	157	EP		0832	42.74	-0.88							1.0
CMPI	HE	493	157	ES		0833	31.81	-1.29							1.0
CMPI	HN	493	157	IAML		0833	32.79			16					
CMPI	HE	493	157	IAML		0833	32.84			25	0.2				

May 15 2023 Hour: 21:44 44.0 Lat: 38.01N Lon: 74.13E D:113.0F Ag: NCS Local
 Magnitudes: 3.9ML NCS 3.9MW NCS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	573	171	EP		2145	58.51	-0.02							1.0
UDMP	HN	573	171	ES		2146	52.98	0.04							1.0
JMU	BZ	584	174	EP		2146	00.23	0.32							1.0
JMU	BN	584	174	ES		2146	54.90	-0.43							1.0
JMU	BE	584	174	IAML		2147	05.07			267	0.9				
JMU	BN	584	174	IAML		2147	06.26			170	0.4				
THN	BZ	637	166	EP		2146	06.32	0.08							1.0
THN	BN	637	166	ES		2147	06.42	0.15							1.0
DHRM	HZ	669	162	EP		2146	10.18	-0.05							1.0
DHRM	HN	669	162	ES		2147	13.14	-0.04							1.0
DHRM	HE	669	162	IAML		2147	26.28			180	0.8				
DHRM	HN	669	162	IAML		2147	26.37			258	0.6				
SDNR	BZ	762	160	EP		2146	21.12	-0.18							1.0
SDNR	BN	762	160	ES		2147	32.28	-0.05							1.0
SDNR	BN	762	160	IAML		2147	43.97			60	0.7				
SDNR	BE	762	160	IAML		2147	48.86			75	0.5				
BHK	BZ	778	160	EP		2146	23.23	-0.02							1.0
BHK	BE	778	160	ES		2147	35.69	-0.01							1.0
BHK	BE	778	160	IAML		2147	43.40			150	0.7				
BHK	BN	778	160	IAML		2147	43.71			80	0.6				
SMLA	HZ	813	159	EP		2146	27.38	-0.04							1.0
SMLA	HN	813	159	ES		2147	43.41	0.48							1.0
SMLA	HN	813	159	IAML		2147	49.40			142	0.6				
SMLA	HE	813	159	IAML		2147	50.34			151	0.9				
JOSI	BZ	966	147	EP		2146	45.91	0.06							1.0
JOSI	BN	966	147	ES		2148	14.79	-0.01							1.0
JOSI	BN	966	147	IAML		2148	32.54			89	0.1				
JOSI	BE	966	147	IAML		2148	34.63			110	0.4				
PTH	BZ	1090	147	EP		2147	00.68	-0.12							1.0
PTH	BN	1090	147	ES		2148	40.51	-0.16							1.0
PTH	BN	1090	147	IAML		2148	54.30			17	0.5				
PTH	BE	1090	147	IAML		2148	56.84			36	0.3				

May 16 2023 Hour: 7:27 44.3 Lat: 36.31N Lon: 71.27E D: 32.7 Ag: NCS Local
 Magnitudes: 3.9ML NCS 3.8MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	510	139	EP		0728	51.33	-0.04							1.0
JMU	BN	510	139	ES		0729	40.34	0.04							1.0
JMU	BN	510	139	IAML		0729	46.38			499	0.2				
UDMP	HZ	516	136	EP		0728	52.18	0.05							1.0
UDMP	HN	516	136	ES		0729	41.77	0.16							1.0
ALCI	BZ	586	112	EP		0729	00.52	-0.17							1.0
ALCI	BN	586	112	ES		0729	56.51	0.09							1.0
ALCI	BE	586	112	IAML		0730	00.63			97	0.3				
ALCI	BN	586	112	IAML		0730	04.51			116	0.3				
THN	BZ	598	135	EP		0729	02.22	0.07							1.0
THN	BN	598	135	ES		0729	58.64	-0.31							1.0
DHRM	HZ	646	133	EP		0729	08.10	0.05							1.0
DHRM	HN	646	133	ES		0730	09.20	0.04							1.0
DHRM	HN	646	133	IAML		0730	14.17			506	0.2				
DHRM	HE	646	133	IAML		0730	14.52			407	0.4				
TLWR	BZ	648	137	EP		0729	08.11	-0.05							1.0
TLWR	BE	648	137	ES		0730	09.30	-0.04							1.0
TLWR	BE	648	137	IAML		0730	13.92			90	0.2				
TLWR	BN	648	137	IAML		0730	14.38			142	0.2				
SDNR	BZ	742	134	EP		0729	19.89	0.12							1.0
SDNR	BE	742	134	ES		0730	29.43	-0.00							1.0
SDNR	BE	742	134	IAML		0730	30.47			107	0.2				
SDNR	BN	742	134	IAML		0730	32.38			100	0.2				
SMLA	HZ	793	135	EP		0729	25.87	-0.03							1.0

SMLA	HN	793	135	ES	0730	40.05	0.02										1.0
SMLA	HN	793	135	IAML	0730	43.42				135	0.1						
SMLA	HE	793	135	IAML	0730	43.51				136	0.1						

May 16 2023 Hour: 11: 7 48.3 Lat: 37.69N Lon: 71.61E D: 35.0F Ag: NCS Local

Magnitudes: 3.8ML NCS 4.1MW NCS Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	618	151	EP		1109	08.66	0.41							1.0
UDMP	HZ	618	148	EP		1109	08.15	-0.08							1.0
UDMP	HE	618	148	ES		1110	06.25	-0.36							1.0
JMU	BN	618	151	ES		1110	06.59	-0.05							1.0
JMU	BN	618	151	IAML		1110	17.38			163	0.6				
JMU	BE	618	151	IAML		1110	20.71			211	0.7				
ALCI	BN	633	126	ES		1110	09.85	0.01							1.0
ALCI	BE	633	126	IAML		1110	18.95			39	0.2				
ALCI	BN	633	126	IAML		1110	20.22			40	1.0				
THN	BZ	696	145	EP		1109	17.53	-0.25							1.0
THN	BN	696	145	ES		1110	23.22	0.10							1.0
DHRM	HZ	740	143	EP		1109	23.59	0.45							1.0
DHRM	HN	740	143	ES		1110	33.08	0.67							1.0
DHRM	HN	740	143	IAML		1110	40.65			469	0.6				
DHRM	HE	740	143	IAML		1110	41.08			408	0.6				
TLWR	BZ	749	147	EP		1109	24.28	0.04							1.0
TLWR	BN	749	147	ES		1110	34.81	0.51							1.0
TLWR	BE	749	147	IAML		1110	43.34			99	0.7				
TLWR	BN	749	147	IAML		1110	44.32			100	1.2				
SDNR	BZ	837	143	EP		1109	34.68	-0.28							1.0
SDNR	BN	837	143	ES		1110	52.83	-0.02							1.0
SDNR	BE	837	143	IAML		1111	01.10			54	1.1				
SDNR	BN	837	143	IAML		1111	02.44			42	1.5				
BHK	BZ	851	143	EP		1109	36.60	-0.19							1.0
BHK	BN	851	143	ES		1110	55.22	-0.80							1.0
BHK	BE	851	143	IAML		1110	57.34			76	0.4				
SMLA	HZ	888	143	EP		1109	41.05	-0.20							1.0
SMLA	HN	888	143	ES		1111	03.67	-0.05							1.0
SMLA	HE	888	143	IAML		1111	16.08			95	1.2				
ALCI	BZ	633	126	EP		1109	10.20	0.10							1.0

May 16 2023 Hour: 19:39 44.8 Lat: 24.25N Lon: 69.73E D: 10.6 Ag: NCS Local

Magnitudes: 3.3ML NCS 3.3MW NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHUJ	HZ	110	184	EP		1940	04.05	-0.04							1.0
BHUJ	HN	110	184	ES		1940	18.25	0.10							1.0
BHUJ	HE	110	184	IAML		1940	19.33			1154	0.4				
BHUJ	HN	110	184	IAML		1940	20.41			1053	0.5				
JASL	BZ	318	21	EP		1940	30.70	-0.02							1.0
JASL	BN	318	21	ES		1941	04.49	0.27							1.0
JASL	BN	318	21	IAML		1941	11.68			518	0.4				
JASL	BE	318	21	IAML		1941	16.18			369	0.5				
UDPR	BZ	405	84	EP		1940	40.73	-0.63							1.0
UDPR	BN	405	84	ES		1941	22.36	-0.27							1.0
UDPR	BE	405	84	IAML		1941	30.59			24	0.1				
UDPR	BN	405	84	IAML		1941	31.56			32	0.4				
AJM	BZ	549	63	EP		1940	59.83	0.97							1.0
AJM	BN	549	63	ES		1941	53.40	0.48							1.0
AJM	BE	549	63	IAML		1942	15.77			58	1.0				
SMLA	HZ	1058	42	EP		1942	00.78	-0.20							1.0
SMLA	HN	1058	42	IAML		1943	46.65			5	0.3				
SMLA	HE	1058	42	IAML		1943	47.86			8	0.6				
DHRM	HZ	1096	35	EP		1942	05.41	-0.31							1.0
DHRM	HN	1096	35	ES		1943	48.20	-0.37							1.0
DHRM	HE	1096	35	IAML		1944	07.24			28	0.2				
DHRM	HN	1096	35	IAML		1944	09.44			22	0.5				

May 17 2023 Hour: 13:250.8 Lat: 24.79N Lon: 90.93E D: 11.0 Ag: NCS Local
Magnitudes: 3.1ML NCS 3.1MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AGT	SZ	105	162	EP		1303	09.09	0.01							1.0
AGT	SN	105	162	ES		1303	22.54	0.11							1.0
AGT	SN	105	162	IAML		1303	27.55			1914	0.5				
AGT	SE	105	162	IAML		1303	28.25			5367	0.1				
TURA	SZ	108	319	EP		1303	09.51-0.04								1.0
TURA	SN	108	319	ES		1303	23.20-0.04								1.0
TURA	SE	108	319	IAML		1303	26.14			1987	0.4				
SHL	HZ	137	51	EP		1303	14.14	0.05							1.0
SHL	HN	137	51	ES		1303	31.09-0.01								1.0
SHL	HN	137	51	IAML		1303	32.00			740	0.1				
SHL	HE	137	51	IAML		1303	32.39			499	0.1				
DHUB	SZ	166	326	EP		1303	18.04	0.06							1.0
BELO	SZ	178	163	EP		1303	19.28-0.28								1.0
BELO	SN	178	163	IAML		1303	48.84			339	0.7				
AZL	SZ	213	123	EP		1303	23.85	0.03							1.0
AZL	SN	213	123	ES		1303	47.72-0.20								1.0
AZL	SN	213	123	IAML		1303	53.67			41	0.4				
AZL	SE	213	123	IAML		1303	54.22			142	0.3				
TEZP	SZ	276	42	EP		1303	31.44-0.02								1.0
TEZP	SN	276	42	ES		1304	01.11-0.03								1.0
TEZP	SN	276	42	IAML		1304	02.07			226	0.2				
CMPI	HZ	281	120	EP		1303	32.37	0.06							1.0
CMPI	HN	281	120	ES		1304	02.60-0.01								1.0
CMPI	HE	281	120	IAML		1304	16.57			83	0.8				
CMPI	HN	281	120	IAML		1304	16.74			63	0.6				
TAWA	SZ	325	17	EP		1303	37.03-0.38								1.0
TAWA	SE	325	17	ES		1304	11.49	0.06							1.0
TAWA	SE	325	17	IAML		1304	15.19			182	0.1				
TAWA	SN	325	17	IAML		1304	15.34			85	0.2				
SAIH	SZ	330	140	EP		1303	38.32	0.20							1.0
SAIH	SN	330	140	ES		1304	12.67	0.01							1.0
SAIH	SE	330	140	IAML		1304	17.01			8	0.3				
SAIH	SN	330	140	IAML		1304	17.89			18	0.6				
KOHI	SZ	336	71	EP		1303	38.79-0.08								1.0
KOHI	SN	336	71	ES		1304	13.93-0.04								1.0
KOHI	SE	336	71	IAML		1304	32.58			61	0.9				
KOHI	SN	336	71	IAML		1304	34.99			61	0.5				
GTK	SZ	365	321	EP		1303	42.44	0.13							1.0
GTK	SN	365	321	ES		1304	20.00	0.08							1.0
GTK	SE	365	321	IAML		1304	37.62			74	0.4				
GTK	SN	365	321	IAML		1304	38.67			58	1.0				
MOKO	SZ	398	64	EP		1303	46.56	0.09							1.0
MOKO	SN	398	64	ES		1304	27.32	0.21							1.0
MOKO	SE	398	64	IAML		1304	48.12			49	0.5				
MOKO	SN	398	64	IAML		1304	49.11			52	0.7				

May 17 2023 Hour: 15:24 4.4 Lat: 23.61N Lon: 98.79E D: 37.2 Ag: NCS Local
Magnitudes: 3.2ML NCS 3.7MW NCS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKP	SZ	508	325	EP		1525	10.60-0.18								1.0
LKP	SN	508	325	IAML		1526	05.41			57	0.4				
LKP	SE	508	325	IAML		1526	09.86			72	0.2				
IMP	SZ	511	286	EP		1525	11.37	0.28							1.0
IMP	SN	511	286	ES		1525	59.62-0.14								1.0
IMP	SN	511	286	IAML		1526	09.87			18	1.3				
IMP	SE	511	286	IAML		1526	10.29			23	1.5				
MOKO	SZ	526	306	EP		1525	13.19	0.12							1.0
MOKO	SE	526	306	ES		1526	03.63	0.44							1.0
MOKO	SE	526	306	IAML		1526	25.05			79	0.8				
MOKO	SN	526	306	IAML		1526	29.40			66	1.4				

KOHI	SZ	529	297	EP	1525	12.90	-0.45										1.0
KOHI	SN	529	297	ES	1526	03.45	-0.22										1.0
KOHI	SN	529	297	IAML	1526	07.57				30	1.5						
KOHI	SE	529	297	IAML	1526	12.43				33	1.2						
CMPI	HZ	560	270	EP	1525	17.50	0.17										1.0
CMPI	HN	560	270	ES	1526	10.35	-0.21										1.0
CMPI	HE	560	270	IAML	1526	24.86				260	1.2						
CMPI	HN	560	270	IAML	1526	25.89				108	1.0						
SAIH	SZ	608	259	EP	1525	22.84	-0.17										1.0
SAIH	SN	608	259	ES	1526	20.51	0.13										1.0
SAIH	SN	608	259	IAML	1526	32.64				68	0.5						
SAIH	SE	608	259	IAML	1526	33.71				76	0.8						
AZL	SZ	623	273	EP	1525	25.05	0.24										1.0
AZL	SN	623	273	ES	1526	23.49	-0.01										1.0
AZL	SE	623	273	IAML	1526	31.51				17	0.6						
AZL	SN	623	273	IAML	1526	32.06				17	0.7						

May 17 2023 Hour: 23: 2 5.5 Lat: 15.16N Lon: 90.79W D:264.0F Ag: NCS Distant

Magnitudes: 6.0MW NCS

Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THN	BZ14576	15	EP			2320	45.33	0.02							1.0
DHRM	HZ14610	15	EP			2320	45.96	0.04							1.0
SDNR	BZ14701	14	EP			2320	47.34	-0.09							1.0
BHK	BZ14718	14	EP			2320	47.85	0.14							1.0
SRGN	BZ14781	18	EP			2320	48.78	0.03							1.0
DDI	HZ14861	13	EP			2320	50.19	0.14							1.0
JOSI	BZ14870	12	EP			2320	50.26	0.03							1.0
BKNR	BZ14938	20	EP			2320	51.35	-0.02							1.0
JASL	BZ14975	23	EP			2320	51.98	0.04							1.0
CHUR	HZ14988	18	EP			2320	52.25	0.08							1.0
MUKT	HZ14991	12	EP			2320	52.56	-0.00							1.0
NRLA	BZ14992	15	EP			2320	52.31	0.02							1.0
NDI	HZ15013	15	EP			2320	52.73	0.08							1.0
NPL	BZ15017	15	EP			2320	52.73	0.08							1.0
UJWA	BZ15018	15	EP			2320	52.82	0.12							1.0
LDR	HZ15024	15	EP			2320	52.89	0.06							1.0
JMIU	BZ15028	15	EP			2320	52.78	-0.07							1.0
BISR	BZ15032	15	EP			2320	52.98	0.07							1.0
AYAN	BZ15033	15	EP			2320	52.55	-0.42							1.0
AJM	BZ15170	19	EP			2320	54.88	-0.35							1.0
BRCH	BZ15236	10	EP			2320	56.35	0.03							1.0
LKP	SZ15278	351	EP			2320	57.02	0.06							1.0
VLK	BZ15286	7	EP			2320	57.12	0.01							1.0
TAWA	SZ15295	357	EP			2320	57.29	0.04							1.0
GWAL	HZ15304	15	EP			2320	57.07	-0.34							1.0
LKN	BZ15309	11	EP			2320	57.45	-0.03							1.0
UDPR	BZ15326	21	EP			2320	57.62	-0.17							1.0
GTK	SZ15334	1	EP			2320	57.97	0.06							1.0
STMR	BZ15377	5	EP			2320	58.66	0.06							1.0
TEZP	SZ15395	355	EP			2320	58.83	-0.02							1.0
JHNI	BZ15396	14	EP			2320	58.82	-0.04							1.0
MOKO	SZ15409	353	EP			2320	59.23	0.05							1.0
JPG	BZ15420	1	EP			2320	59.29	0.04							1.0
BNDA	BZ15436	12	EP			2320	59.63	0.08							1.0
DHUB	SZ15477	359	EP			2321	00.22	0.03							1.0
KOHI	SZ15480	353	EP			2321	00.33	0.03							1.0
VAR	BZ15511	9	EP			2321	00.75	0.02							1.0
SHL	HZ15518	356	EP			2321	00.92	0.03							1.0
IMP	SZ15580	353	EP			2321	01.87	0.00							1.0
BHPL	HZ15596	17	EP			2321	02.08	-0.06							1.0
SILR	SZ15598	355	EP			2321	02.17	0.03							1.0
AGT	SZ15708	357	EP			2321	03.87	-0.10							1.0
BOKR	HZ15710	5	EP			2321	04.08	0.08							1.0
AZL	SZ15714	355	EP			2321	03.87	-0.18							1.0

CMPI	HZ15735	354	EP	2321	04.26-0.30	1.0
CNWR	HZ15768	15	EP	2321	05.04 0.12	1.0
BELO	SZ15778	357	EP	2321	05.09 0.05	1.0
BLSP	BZ15842	11	EP	2321	05.92-0.12	1.0
SAIH	SZ15849	354	EP	2321	06.32 0.10	1.0
P00	HZ15945	25	EP	2321	07.72 0.09	1.0
BWNR	BZ16099	6	EP	2321	10.44 0.05	1.0
JGDP	HZ16166	12	EP	2321	11.16 0.06	1.0
KLBG	HZ16193	21	EP	2321	11.50 0.04	1.0
VISK	HZ16340	10	EP	2321	13.47-0.20	1.0
BLRY	HZ16381	23	EP	2321	14.25-0.00	1.0
KNL	HZ16400	20	EP	2321	14.67 0.09	1.0
VJD	BZ16406	15	EP	2321	14.78 0.11	1.0
ATP	HZ16504	22	EP	2321	15.86-0.21	1.0
MNGI	BZ16552	28	EP	2321	16.84 0.07	1.0
KDGU	HZ16643	26	EP	2321	18.18 0.05	1.0
MDRS	HZ16766	18	EP	2321	19.83 0.09	1.0
SALM	BZ16828	23	EP	2321	20.79 0.12	1.0
DGPR	HZ16873	352	EP	2321	21.33 0.03	1.0
CHT	HZ16971	26	EP	2321	22.54 0.00	1.0
TRVM	HZ17088	28	EP	2321	24.04 0.01	1.0

May 18 2023 Hour: 9: 0 47.6 Lat: 27.48N Lon: 88.17E D: 4.3 Ag: NCS Local
Magnitudes: 2.8ML NCS 2.6MW NCS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GTK	SZ	46	112	EP		0900	55.33-0.37								1.0
GTK	SN	46	112	ES		0901	01.80 0.21								1.0
GTK	SE	46	112	IAML		0901	04.51		471	0.2					
GTK	SN	46	112	IAML		0901	04.59		269	0.3					
TURA	SZ	299	136	EP		0901	32.00 0.13								1.0
TURA	SE	299	136	ES		0902	04.10-0.07								1.0
TURA	SE	299	136	IAML		0902	13.87		76	0.2					
TURA	SN	299	136	IAML		0902	16.19		64	0.2					
SHL	HZ	436	118	EP		0901	48.85 0.24								1.0
SHL	HE	436	118	ES		0902	32.99-0.14								1.0
SHL	HE	436	118	IAML		0902	33.38		23	0.1					
SHL	HN	436	118	IAML		0902	33.60		50	0.0					

May 18 2023 Hour: 14: 7 53.5 Lat: 37.59N Lon: 72.26E D:137.0F Ag: NCS Local
Magnitudes: 4.1ML NCS 3.9MW NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	581	153	EP		1409	10.03 0.77								1.0
ALCI	BN	581	129	ES		1410	05.61 0.82								1.0
ALCI	BN	581	129	IAML		1410	11.73		230	0.4					
UDMP	HN	581	153	ES		1410	04.82 0.22								1.0
ALCI	BZ	581	129	EP		1409	10.64 1.26								1.0
JMU	BZ	583	156	EP		1409	10.57 1.01								1.0
JMU	BE	583	156	ES		1410	06.08 0.97								1.0
JMU	BE	583	156	IAML		1410	11.52		707	0.6					
JMU	BN	583	156	IAML		1410	15.20		422	1.2					
THN	BZ	656	149	EP		1409	18.64 0.29								1.0
THN	BN	656	149	ES		1410	20.40 0.08								1.0
DHRM	HZ	698	147	EP		1409	24.02 0.61								1.0
DHRM	HN	698	147	ES		1410	29.23 0.16								1.0
DHRM	HN	698	147	IAML		1410	30.34		411	0.4					
DHRM	HE	698	147	IAML		1410	34.56		450	0.5					
SDNR	BZ	795	146	EP		1409	34.67-0.31								1.0
SDNR	BE	795	146	ES		1410	48.19-0.89								1.0
SDNR	BE	795	146	IAML		1410	51.57		77	0.6					
SDNR	BN	795	146	IAML		1410	52.34		54	0.4					
SMLA	HZ	847	146	EP		1409	40.83-0.35								1.0
SMLA	HN	847	146	ES		1410	58.82-0.98								1.0
SMLA	HN	847	146	IAML		1411	06.31		103	0.2					
UTK	BZ	950	141	EP		1409	53.37-0.20								1.0

UTK	BN	950	141	ES	1411	20.38	-0.87									1.0
UTK	BN	950	141	IAML	1411	22.43			158	0.6						
UTK	BE	950	141	IAML	1411	26.93			182	0.8						
DDI	HZ	967	145	EP	1409	53.77	-1.85									1.0
DDI	HN	967	145	ES	1411	24.84	0.05									1.0
DDI	HE	967	145	IAML	1411	30.92			158	0.2						
DDI	HN	967	145	IAML	1411	31.20			101	0.4						
MUKT	HZ	1133	141	EP	1410	14.33	-1.52									1.0
MUKT	HN	1133	141	ES	1412	00.52	0.73									1.0
MUKT	HN	1133	141	IAML	1412	02.75			47	0.3						

May 18 2023 Hour: 21:18 43.6 Lat: 32.86N Lon: 90.87E D: 10.0F Ag: NCS Local

Magnitudes: 3.6ML NCS 3.6MW NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TAWA	SZ	592	170	EP		2120	04.02	1.08							1.0
TAWA	SE	592	170	ES		2121	02.56	1.70							1.0
TAWA	SE	592	170	IAML		2121	51.42			155	1.5				
TAWA	SN	592	170	IAML		2121	58.37			115	2.7				
GTK	SZ	652	200	EP		2120	11.46	1.14							1.0
GTK	SE	652	200	ES		2121	15.31	1.69							1.0
TEZP	SZ	717	164	EP		2120	18.46	0.30							1.0
TEZP	SN	717	164	ES		2121	27.41	0.22							1.0
TEZP	SN	717	164	IAML		2122	39.63			18	4.4				
HAUL	HZ	759	133	EP		2120	23.07	-0.22							1.0
HAUL	HN	759	133	ES		2121	35.54	-0.52							1.0
HAUL	HE	759	133	IAML		2121	49.51			180	0.4				
HAUL	HN	759	133	IAML		2121	56.15			192	0.7				
MOKO	SZ	806	153	EP		2120	29.83	0.62							1.0
MOKO	SN	806	153	ES		2121	46.16	-0.14							1.0
MOKO	SE	806	153	IAML		2122	03.73			129	1.0				
MOKO	SN	806	153	IAML		2122	07.56			78	0.6				
TURA	SZ	816	185	EP		2120	31.29	0.93							1.0
TURA	SE	816	185	ES		2121	48.26	-0.03							1.0
TURA	SE	816	185	IAML		2122	57.04			26	3.0				
TURA	SN	816	185	IAML		2123	01.47			11	4.7				
KOHI	SZ	851	157	EP		2120	34.49	-0.21							1.0
KOHI	SN	851	157	ES		2121	55.48	-0.32							1.0
KOHI	SN	851	157	IAML		2122	13.77			33	0.4				
KOHI	SE	851	157	IAML		2122	15.41			64	0.7				
STMR	BZ	866	220	EP		2120	37.22	0.77							1.0
STMR	BN	866	220	IAML		2124	47.13			80	2.2				
STMR	BE	866	220	IAML		2124	54.39			62	6.4				
VLK	BZ	898	230	EP		2120	40.91	0.49							1.0
VLK	BE	898	230	ES		2122	05.10	-0.60							1.0
VLK	BN	898	230	IAML		2123	36.01			43	4.1				
VLK	BE	898	230	IAML		2124	27.70			27	4.1				
IMP	SZ	939	161	EP		2120	45.56	0.22							1.0
IMP	SN	939	161	ES		2122	13.17	-1.04							1.0
IMP	SE	939	161	IAML		2122	33.41			9	1.3				
IMP	SN	939	161	IAML		2122	34.56			12	0.8				
AZL	SZ	1026	170	EP		2120	56.36	0.32							1.0
AZL	SN	1026	170	ES		2122	31.37	-1.35							1.0
AZL	SE	1026	170	IAML		2122	50.85			16	1.1				
AZL	SN	1026	170	IAML		2122	51.18			13	0.9				
PTH	BZ	1078	253	EP		2121	01.75	-0.59							1.0
PTH	BN	1078	253	ES		2122	41.98	-1.64							1.0
PTH	BN	1078	253	IAML		2124	21.91			11	7.9				
PTH	BE	1078	253	IAML		2125	06.95			11	8.4				
SAIH	SZ	1168	169	EP		2121	12.18	-1.17							1.0
SAIH	SN	1168	169	ES		2123	01.00	-1.66							1.0
SAIH	SE	1168	169	IAML		2123	26.62			30	0.7				
SAIH	SN	1168	169	IAML		2123	27.31			15	1.0				

May 19 2023 Hour: 2:57 8.7 Lat: 23.22S Lon: 170.46E D: 18.0F Ag: NCS Distant
Magnitudes: 7.0MW NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AURD	HZ			EP		0310	51.46								
CMBY	HZ	8964	282	EP		0309	18.22	-2.32							0.0
HAUL	HZ	9750	302	EP		0309	54.81	-1.33							0.9
LKP	SZ	9770	301	EP		0309	56.81	-0.25							1.0
SAIH	SZ	9787	295	EP		0309	58.18	0.26							1.0
CMPI	HZ	9807	296	EP		0309	58.85	-0.03							1.0
IMP	SZ	9814	298	EP		0309	59.20	0.23							1.0
MOKO	SZ	9837	299	EP		0310	00.09	0.10							1.0
KOHI	SZ	9844	299	EP		0309	58.62	-1.62							0.9
AZL	SZ	9875	296	EP		0310	01.63	0.03							1.0
SILR	SZ	9916	297	EP		0310	03.47	0.24							1.0
ITAN	SZ	9949	300	EP		0310	04.90	0.25							1.0
TEZP	SZ10005	299	EP			0310	06.83	-0.13							1.0
AGT	SZ10015	296	EP			0310	07.55	0.06							1.0
SHL	HZ10027	298	EP			0310	08.14	0.19							1.0
GUWA	SZ10084	298	EP			0310	10.35	-0.00							1.0
TAWA	SZ10135	300	EP			0310	12.45	0.02							1.0
TURA	SZ10185	297	EP			0310	14.77	0.24							1.0
CAL	BZ10223	294	EP			0310	16.27	0.15							1.0
COBR	BZ10291	297	EP			0310	19.33	0.45							1.0
BWNR	BZ10359	291	EP			0310	22.11	0.26							1.0
JPG	BZ10371	297	EP			0310	22.40	0.25							1.0
GTK	SZ10415	298	EP			0310	23.54	-0.52							1.0
VISK	HZ10490	287	EP			0310	26.94	-0.27							1.0
BOKR	HZ10508	294	EP			0310	27.85	-0.10							1.0
JMUI	BZ10526	295	EP			0310	29.37	0.79							1.0
RAGD	BZ10543	289	EP			0310	29.73	0.29							1.0
KNTI	BZ10555	293	EP			0310	30.06	0.24							1.0
MDRS	HZ10600	282	EP			0310	31.80	0.06							1.0
KNKR	BZ10608	285	EP			0310	32.33	0.23							1.0
JGDP	HZ10674	288	EP			0310	34.60	-0.15							1.0
STMR	BZ10693	296	EP			0310	35.45	0.03							1.0
VJD	BZ10702	285	EP			0310	36.33	0.41							1.0
TRVM	HZ10736	276	EP			0310	37.21	-0.12							1.0
SALM	BZ10747	280	EP			0310	38.18	0.35							1.0
KOD	BZ10757	278	EP			0310	38.19	-0.04							1.0
CHT	HZ10765	278	EP			0310	38.52	0.01							1.0
BLSP	BZ10787	291	EP			0310	39.73	0.48							1.0
VAR	BZ10842	294	EP			0310	41.53	0.13							1.0
VLK	BZ10846	297	EP			0310	41.53	-0.06							1.0
KOCH	HZ10854	278	EP			0310	42.01	-0.04							1.0
ATP	HZ10922	282	EP			0310	44.23	-0.52							1.0
KNL	HZ10930	284	EP			0310	44.64	-0.46							1.0
MYSR	HZ10938	280	EP			0310	44.88	-0.56							1.0
KDGU	HZ11009	280	EP			0310	47.70	-0.18							1.0
BRCH	BZ11065	296	EP			0310	50.29	0.20							1.0
BLRY	HZ11081	283	EP			0310	50.64	-0.06							1.0
CNWR	HZ11096	290	EP			0310	51.23	-0.12							1.0
LKN	BZ11099	295	EP			0310	51.61	0.16							1.0
BNDA	BZ11100	293	EP			0310	51.40	-0.07							1.0
MNC	HZ11124	275	EP			0310	52.44	0.03							1.0
MNGI	BZ11130	280	EP			0310	53.05	0.38							1.0
SLPR	HZ11217	285	EP			0310	56.16	-0.00							1.0
FRKB	BZ11246	295	EP			0310	57.35	0.03							1.0
JHNI	BZ11260	293	EP			0310	58.04	0.21							1.0
PTH	BZ11272	297	EP			0310	58.49	0.17							1.0
LGTI	BZ11275	297	EP			0310	58.65	0.13							1.0
MUYR	HZ11286	298	EP			0310	59.08	-0.26							1.0
BHPL	HZ11288	290	EP			0310	58.68	-0.29							1.0
MUKT	HZ11317	297	EP			0310	57.53	-2.93							0.7

GWAL	HZ11328	293	EP	0311	00.28-0.30	1.0
GOA	HZ11340	282	EP	0311	00.91-0.08	1.0
GUNA	BZ11351	292	EP	0311	01.69 0.20	1.0
INDR	HZ11406	289	EP	0311	03.25-0.43	1.0
UNCH	BZ11434	295	EP	0311	05.07 0.24	1.0
P00	HZ11456	285	EP	0311	05.44-0.19	1.0
ASOR	BZ11463	296	EP	0311	06.19 0.23	1.0
UTK	BZ11474	298	EP	0311	06.55 0.17	1.0
MERT	BZ11475	296	EP	0311	06.69 0.23	1.0
BISR	BZ11487	296	EP	0311	07.12 0.19	1.0
FBD	HZ11493	295	EP	0311	07.00-0.21	1.0
DDI	HZ11495	297	EP	0311	11.43 4.22	0.0
JMIU	BZ11501	295	EP	0311	07.62 0.15	1.0
HNLY	BZ11502	300	EP	0311	07.60 0.02	1.0
LDR	HZ11508	295	EP	0311	07.98 0.17	1.0
NDI	HZ11513	296	EP	0311	08.21 0.23	1.0
AYAN	BZ11513	295	EP	0311	08.27 0.28	1.0
NPL	BZ11515	296	EP	0311	08.19 0.20	1.0
NASK	HZ11518	286	EP	0311	08.05-0.13	1.0
NRLA	BZ11530	296	EP	0311	08.63-0.02	1.0
UJWA	BZ11535	295	EP	0311	09.03 0.17	1.0
KUDL	HZ11560	295	EP	0311	09.97 0.12	1.0
BOM	BZ11572	285	EP	0311	10.41 0.05	1.0
RTK	BZ11599	296	EP	0311	11.48 0.16	1.0
SMLA	HZ11604	298	EP	0311	11.29-0.27	1.0
PALG	HZ11605	286	EP	0311	11.58-0.02	1.0
CGRH	BZ11625	297	EP	0311	12.45 0.01	1.0
BHK	BZ11634	298	EP	0311	12.87 0.03	1.0
SDNR	BZ11642	298	EP	0311	13.25 0.11	1.0
SRAT	HZ11662	287	EP	0311	13.52-0.32	1.0
AJM	BZ11672	293	EP	0311	14.62 0.28	1.0
UDPR	BZ11694	291	EP	0311	15.23 0.04	1.0
CHUR	HZ11707	295	EP	0311	15.55-0.14	1.0
ALCI	BZ11710	301	EP	0311	15.95 0.09	1.0
DHRM	HZ11721	299	EP	0311	16.05-0.25	1.0
BHV	BZ11744	287	EP	0311	17.42 0.29	1.0
THN	BZ11772	299	EP	0311	18.20-0.13	1.0
JODH	HZ11816	292	EP	0311	19.90-0.16	1.0
AMRT	HZ11826	298	EP	0311	20.17-0.27	1.0
UDMP	HZ11849	299	EP	0311	20.93-0.42	1.0
BKNR	BZ11861	294	EP	0311	22.15 0.30	1.0
SRGN	BZ11862	296	EP	0311	22.23 0.31	1.0
JMU	BZ11871	299	EP	0311	22.32 0.04	1.0
SRIN	BZ11914	300	EP	0311	24.45 0.45	1.0
BARM	HZ11955	291	EP	0311	25.16-0.39	1.0
JASL	BZ12042	292	EP	0311	29.28 0.23	1.0

May 19 2023 Hour: 15:15 3.7 Lat: 12.55N Lon: 48.94E D: 10.0F Ag: NCS Distant
Magnitudes: 5.3MW NCS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AURD	HZ			EP		1520	47.94								
BHUJ	HZ	2490	59	EP		1520	02.30	0.07							1.0
BOM	BZ	2651	72	EP		1520	17.20	0.06							1.0
MNC	HZ	2682	98	EP		1520	19.40	-0.22							0.0
PALG	HZ	2690	69	EP		1520	20.34	0.08							1.0
P00	HZ	2750	73	EP		1520	25.25	0.03							1.0
KAD	BZ	2765	76	EP		1520	26.30	-0.07							1.0
JASL	BZ	2791	52	EP		1520	28.53	0.00							1.0
MNGI	BZ	2815	86	EP		1520	30.25	-0.31							1.0
UDPR	BZ	2928	59	EP		1520	39.93	0.20							1.0
JODH	HZ	2944	55	EP		1520	41.12	0.11							1.0
BLRY	HZ	2973	81	EP		1520	43.35	0.00							1.0
BKNR	BZ	3065	52	EP		1520	50.85	0.03							1.0
AJM	BZ	3095	56	EP		1520	53.23	0.04							1.0

KNL	HZ	3159	80	EP	1520	58.35-0.05	1.0
SALM	BZ	3181	89	EP	1521	00.40 0.22	1.0
SRGN	BZ	3213	49	EP	1521	02.68-0.01	1.0
CHUR	HZ	3215	53	EP	1521	02.54-0.25	1.0
BHPL	HZ	3235	65	EP	1521	04.45 0.05	1.0
CNWR	HZ	3351	68	EP	1521	12.22-1.48	0.9
RTK	BZ	3379	53	EP	1521	15.91 0.06	1.0
UJWA	BZ	3400	54	EP	1521	17.77 0.22	1.0
AYAN	BZ	3414	55	EP	1521	18.71 0.01	1.0
GWAL	HZ	3415	59	EP	1521	18.71 0.01	1.0
JHNI	BZ	3425	61	EP	1521	19.32-0.15	1.0
NPL	BZ	3426	54	EP	1521	19.68 0.11	1.0
FBD	HZ	3428	55	EP	1521	19.77-0.05	1.0
NRLA	BZ	3430	54	EP	1521	19.95 0.04	1.0
JMIU	BZ	3434	55	EP	1521	20.32 0.11	1.0
VJD	BZ	3442	79	EP	1521	21.18 0.25	1.0
BISR	BZ	3447	55	EP	1521	21.36 0.15	1.0
JMU	BZ	3461	45	EP	1521	22.31-0.10	1.0
ASOR	BZ	3485	55	EP	1521	24.22-0.00	1.0
UDMP	HZ	3492	45	EP	1521	24.75-0.06	1.0
CGRH	BZ	3499	50	EP	1521	25.34-0.02	1.0
THN	BZ	3517	47	EP	1521	27.11 0.33	1.0
KNKR	BZ	3532	79	EP	1521	28.05 0.00	1.0
SRIN	BZ	3540	43	EP	1521	28.60-0.04	1.0
DHRM	HZ	3545	48	EP	1521	29.03-0.03	1.0
BHK	BZ	3548	49	EP	1521	29.24-0.06	1.0
SMLA	HZ	3553	50	EP	1521	29.59-0.04	1.0
SDNR	BZ	3554	49	EP	1521	29.63-0.09	1.0
BNDA	BZ	3590	62	EP	1521	32.57 0.03	1.0
UTK	BZ	3640	52	EP	1521	36.36-0.06	1.0
BLSP	BZ	3679	69	EP	1521	39.56-0.00	1.0
MUKT	HZ	3684	55	EP	1521	40.17-0.08	1.0
LKN	BZ	3687	60	EP	1521	40.09-0.08	1.0
ALBI	BZ	3727	63	EP	1521	43.30 0.00	1.0
JOSI	BZ	3727	53	EP	1521	43.22-0.05	1.0
ALCI	BZ	3732	45	EP	1521	43.64-0.03	1.0
PTH	BZ	3739	55	EP	1521	44.14-0.03	1.0
BRCH	BZ	3784	59	EP	1521	47.70-0.04	1.0
VAR	BZ	3840	64	EP	1521	52.36 0.29	1.0
VLK	BZ	3997	60	EP	1522	04.23 0.01	1.0
BWNR	BZ	4022	73	EP	1522	06.75 0.51	1.0
KNTI	BZ	4024	67	EP	1522	06.23-0.08	1.0
BOKR	HZ	4089	67	EP	1522	11.34 0.01	1.0
STMR	BZ	4104	62	EP	1522	12.66 0.23	1.0
JMUI	BZ	4148	65	EP	1522	15.91 0.13	1.0
SHBG	BZ	4294	65	EP	1522	27.01 0.09	1.0
JPG	BZ	4430	64	EP	1522	36.77-0.26	1.0
GTK	SZ	4440	62	EP	1522	37.80 0.00	1.0
COBR	BZ	4498	64	EP	1522	42.04-0.06	1.0
DHUB	SZ	4544	65	EP	1522	45.53 0.00	1.0
TURA	SZ	4556	65	EP	1522	46.28-0.17	1.0
AGT	SZ	4629	68	EP	1522	51.87-0.02	1.0
BELO	SZ	4640	69	EP	1522	52.70 0.05	1.0
SHL	HZ	4732	66	EP	1522	59.30-0.09	1.0
TAWA	SZ	4761	63	EP	1523	01.37-0.14	1.0
AZL	SZ	4773	69	EP	1523	02.39-0.00	1.0
SAIH	SZ	4788	70	EP	1523	03.52-0.00	1.0
SILR	SZ	4800	67	EP	1523	04.29 0.01	1.0
TEZP	SZ	4832	65	EP	1523	06.51-0.08	1.0
IMP	SZ	4915	67	EP	1523	12.58-0.07	1.0
KOHI	SZ	4945	66	EP	1523	15.08 0.24	1.0
MOKO	SZ	4995	65	EP	1523	18.75 0.27	1.0
LKP	SZ	5143	64	EP	1523	28.81-0.12	1.0

May 19 2023 Hour: 19:35 39.7 Lat: 36.92N Lon: 70.33E D: 50.0F Ag: NCS Local
 Magnitudes: 3.5ML NCS 3.3MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	624	134	EP		1937	00.16	0.12							1.0
UDMP	HN	624	134	ES		1937	58.59	-0.09							1.0
DHRM	HZ	754	132	EP		1937	16.00	-0.01							1.0
DHRM	HN	754	132	ES		1938	26.39	0.09							1.0
DHRM	HE	754	132	IAML		1938	33.48			118	0.3				
DHRM	HN	754	132	IAML		1938	33.91			143	0.3				
SDNR	BZ	850	133	EP		1937	27.83	0.12							1.0
SDNR	BN	850	133	ES		1938	46.50	-0.05							1.0
SDNR	BN	850	133	IAML		1938	53.39			18	0.3				
SDNR	BE	850	133	IAML		1938	53.94			20	0.3				
SMLA	HZ	900	134	EP		1937	33.75	-0.07							1.0
SMLA	HE	900	134	ES		1938	57.15	0.03							1.0
SMLA	HE	900	134	IAML		1939	04.48			29	0.4				
SMLA	HN	900	134	IAML		1939	04.55			26	0.3				
MUKT	HZ	1199	131	EP		1938	10.42	-0.16							1.0
MUKT	HN	1199	131	ES		1940	00.74	0.02							1.0
MUKT	HN	1199	131	IAML		1940	06.02			4	0.8				
MUKT	HE	1199	131	IAML		1940	09.87			6	0.2				

May 19 2023 Hour: 19:50 2.2 Lat: 22.96N Lon: 94.53E D: 26.1 Ag: NCS Local
 Magnitudes: 2.9ML NCS 2.9MW NCS Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMPI	HZ	138	295	EP		1950	24.43	-0.14							1.0
CMPI	HE	138	295	ES		1950	40.99	0.06							1.0
CMPI	HE	138	295	IAML		1950	45.25			62	0.4				
CMPI	HN	138	295	IAML		1950	49.76			81	0.4				
SAIH	SZ	167	252	EP		1950	28.04	0.09							1.0
SAIH	SN	167	252	ES		1950	46.77	-0.02							1.0
SAIH	SE	167	252	IAML		1950	46.94			59	0.4				
AZL	SZ	207	295	EP		1950	32.67	-0.11							1.0
AZL	SN	207	295	ES		1950	55.15	0.01							1.0
AZL	SE	207	295	IAML		1950	58.66			76	0.3				
TEZP	SZ	441	337	EP		1951	00.95	-0.35							1.0
TEZP	SN	441	337	ES		1951	44.02	-0.45							1.0
TEZP	SN	441	337	IAML		1951	50.39			34	0.1				
TURA	SZ	521	304	EP		1951	10.98	-0.10							1.0
TURA	SN	521	304	ES		1952	01.39	-0.00							1.0
TURA	SN	521	304	IAML		1952	02.82			67	0.2				
TURA	SE	521	304	IAML		1952	03.38			69	0.4				
TAWA	SZ	579	333	EP		1951	18.76	0.61							1.0
TAWA	SN	579	333	ES		1952	14.04	0.41							1.0
TAWA	SE	579	333	IAML		1952	20.56			58	0.2				

May 19 2023 Hour: 20:45 48.5 Lat: 28.75N Lon: 76.62E D: 4.8 Ag: NCS Local
 Magnitudes: 2.2ML NCS 2.1MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UJWA	BZ	36	125	EP		2045	54.85	0.01							1.0
UJWA	BN	36	125	ES		2045	59.41	-0.02							1.0
UJWA	BE	36	125	IAML		2046	10.11			146	0.2				
NRLA	BZ	48	76	EP		2045	56.98	0.06							1.0
NRLA	BN	48	76	ES		2046	03.06	0.02							1.0
NRLA	BE	48	76	IAML		2046	11.69			167	0.2				
NRLA	BN	48	76	IAML		2046	13.18			195	0.2				
NPL	BZ	55	103	EP		2045	57.89	-0.28							1.0
NPL	BN	55	103	ES		2046	05.19	-0.02							1.0
NPL	BN	55	103	IAML		2046	16.74			161	0.2				
NPL	BE	55	103	IAML		2046	16.92			133	0.2				
NDI	HZ	58	97	EP		2045	58.80	0.04							1.0
NDI	HN	58	97	ES		2046	06.11	-0.11							1.0
NDI	HN	58	97	IAML		2046	15.88			59	0.1				

BLSP	BZ10715	291	EP	0204	34.31	0.18	1.0
RAIP	HZ10728	290	EP	0204	34.66	-0.06	1.0
VAR	BZ10770	294	EP	0204	36.44	0.14	1.0
VLK	BZ10775	297	EP	0204	36.68	0.19	1.0
KOCH	HZ10784	278	EP	0204	37.04	0.03	1.0
ATP	HZ10850	283	EP	0204	39.60	-0.08	1.0
KNL	HZ10859	284	EP	0204	39.95	-0.07	1.0
MYSR	HZ10868	280	EP	0204	39.54	-0.86	1.0
KDGU	HZ10938	280	EP	0204	42.85	-0.43	1.0
JBPL	HZ10973	291	EP	0204	43.88	-0.28	1.0
BRCH	BZ10993	296	EP	0204	45.13	0.11	1.0
BLRY	HZ11010	283	EP	0204	45.57	-0.07	1.0
CNWR	HZ11024	290	EP	0204	45.97	-0.30	1.0
LKN	BZ11027	295	EP	0204	46.58	0.20	1.0
BNDA	BZ11028	294	EP	0204	46.51	0.12	1.0
MNC	HZ11055	275	EP	0204	47.28	-0.17	1.0
MNGI	BZ11060	280	EP	0204	48.01	0.37	1.0
FRKB	BZ11174	295	EP	0204	52.33	0.09	1.0
JHNI	BZ11188	293	EP	0204	52.78	0.03	1.0
PTH	BZ11200	298	EP	0204	53.45	0.19	1.0
LGTI	BZ11204	297	EP	0204	53.62	0.17	1.0
BHPL	HZ11216	291	EP	0204	53.62	-0.27	1.0
MUKT	HZ11246	297	EP	0204	55.17	-0.23	1.0
GWAL	HZ11256	294	EP	0204	55.20	-0.30	1.0
GOA	HZ11268	282	EP	0204	55.78	-0.17	1.0
KAD	BZ11304	284	EP	0204	57.72	0.37	1.0
POO	HZ11384	285	EP	0205	00.32	-0.24	1.0
ASOR	BZ11392	296	EP	0205	00.92	0.03	1.0
MERT	BZ11403	296	EP	0205	01.57	0.18	1.0
UTK	BZ11403	298	EP	0205	01.52	0.20	1.0
BISR	BZ11416	296	EP	0205	01.89	0.04	1.0
FBD	HZ11421	296	EP	0205	01.71	-0.42	1.0
DDI	HZ11423	298	EP	0205	01.78	-0.36	1.0
HNLY	BZ11431	300	EP	0205	02.56	0.02	1.0
LDR	HZ11436	296	EP	0205	03.01	0.28	1.0
NDI	HZ11441	296	EP	0205	03.08	0.17	1.0
AYAN	BZ11441	296	EP	0205	02.95	0.03	1.0
NPL	BZ11443	296	EP	0205	03.08	0.16	1.0
NRLA	BZ11458	296	EP	0205	03.84	0.26	1.0
UJWA	BZ11464	296	EP	0205	04.05	0.26	1.0
BOM	BZ11501	285	EP	0205	05.50	0.21	1.0
RTK	BZ11527	296	EP	0205	06.43	0.18	1.0
SMLA	HZ11532	298	EP	0205	06.20	-0.29	1.0
PALG	HZ11533	286	EP	0205	06.35	-0.18	1.0
CGRH	BZ11554	298	EP	0205	07.43	0.06	1.0
BHK	BZ11563	298	EP	0205	07.78	0.00	1.0
SDNR	BZ11571	298	EP	0205	08.19	0.11	1.0
AJM	BZ11600	293	EP	0205	09.44	0.18	1.0
UDPR	BZ11622	291	EP	0205	10.40	0.30	1.0
CHUR	HZ11635	295	EP	0205	10.48	-0.13	1.0
ALCI	BZ11639	301	EP	0205	10.77	-0.05	1.0
DHRM	HZ11649	299	EP	0205	10.89	-0.36	1.0
THN	BZ11701	299	EP	0205	13.48	0.21	1.0
JODH	HZ11744	292	EP	0205	14.76	-0.22	1.0
AMRT	HZ11755	298	EP	0205	15.12	-0.25	1.0
UDMP	HZ11778	299	EP	0205	15.90	-0.39	1.0
BKNR	BZ11789	294	EP	0205	16.75	-0.02	1.0
SRGN	BZ11791	296	EP	0205	17.07	0.23	1.0
JMU	BZ11799	299	EP	0205	17.24	0.02	1.0
SRIN	BZ11843	300	EP	0205	19.13	0.18	1.0
BHUJ	HZ11968	288	EP	0205	23.73	-0.17	1.0
JASL	BZ11970	292	EP	0205	24.06	0.09	1.0

May 20 2023 Hour: 14:156.9 Lat: 25.11N Lon: 94.55E D: 32.4 Ag: NCS Local
 Magnitudes: 3.2ML NCS 3.4MW NCS Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IMP	SZ	68	243	EP		1402	09.78	0.50							1.0
IMP	SN	68	243	IAML		1402	20.20			416	0.3				
IMP	SE	68	243	IAML		1402	24.35			323	0.3				
KOHI	SZ	81	327	EP		1402	10.63	-0.46							1.0
KOHI	SE	81	327	ES		1402	21.57	0.11							1.0
KOHI	SN	81	327	IAML		1402	25.06			749	0.2				
KOHI	SE	81	327	IAML		1402	29.40			655	0.6				
MOKO	SZ	134	359	EP		1402	18.04	0.00							1.0
MOKO	SN	134	359	ES		1402	33.89	0.41							1.0
MOKO	SE	134	359	IAML		1402	37.35			445	0.2				
MOKO	SN	134	359	IAML		1402	37.42			657	0.6				
CMPI	HZ	219	215	EP		1402	28.14	-0.44							1.0
CMPI	HN	219	215	ES		1402	52.08	0.36							1.0
CMPI	HN	219	215	IAML		1402	54.41			210	0.4				
CMPI	HE	219	215	IAML		1402	56.87			247	0.4				
AZL	SN	242	231	ES		1402	55.86	-0.48							1.0
TEZP	SZ	242	314	EP		1402	30.81	-0.33							1.0
AZL	SZ	242	231	EP		1402	30.69	-0.56							1.0
AZL	SE	242	231	IAML		1402	58.51			52	0.3				
AZL	SN	242	231	IAML		1403	00.64			91	0.3				
TEZP	SN	242	314	ES		1402	55.96	-0.19							1.0
SHL	HZ	263	282	EP		1402	33.59	-0.11							1.0
SHL	HN	263	282	ES		1403	00.70	0.12							1.0
SHL	HN	263	282	IAML		1403	03.19			338	0.2				
SHL	HE	263	282	IAML		1403	03.33			290	0.2				
SAIH	SZ	331	209	EP		1402	42.24	0.09							1.0
SAIH	SN	331	209	ES		1403	15.45	0.26							1.0
SAIH	SE	331	209	IAML		1403	18.15			77	0.7				
SAIH	SN	331	209	IAML		1403	18.72			52	0.3				
TAWA	SZ	384	316	EP		1402	48.80	0.33							1.0
TAWA	SN	384	316	ES		1403	25.84	-0.30							1.0
TAWA	SE	384	316	IAML		1403	28.83			371	0.3				
TURA	SZ	438	277	EP		1402	55.23	0.15							1.0
TURA	SN	438	277	ES		1403	37.81	0.25							1.0
TURA	SE	438	277	IAML		1403	41.05			356	0.2				
DHUB	SZ	468	283	EP		1402	59.10	0.30							1.0

May 20 2023 Hour: 19:54 54.7 Lat: 28.77N Lon: 76.64E D: 5.3 Ag: NCS Local
 Magnitudes: 2.5ML NCS 2.4MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RTK	BZ	37	323	EP		1955	01.15	0.03							1.0
RTK	BN	37	323	ES		1955	05.77	-0.04							1.0
RTK	BN	37	323	IAML		1955	06.21			1245	0.3				
RTK	BE	37	323	IAML		1955	07.89			1143	0.2				
NPL	BZ	53	106	EP		1955	04.05	0.06							1.0
NPL	BN	53	106	ES		1955	10.77	-0.01							1.0
NPL	BN	53	106	IAML		1955	11.78			367	0.2				
NPL	BE	53	106	IAML		1955	11.95			357	0.2				
NDI	HZ	56	100	EP		1955	04.51	-0.01							1.0
NDI	HE	56	100	ES		1955	11.72	0.02							1.0
NDI	HE	56	100	IAML		1955	11.89			102	0.1				
NDI	HN	56	100	IAML		1955	12.18			69	0.3				
AYAN	BZ	57	125	EP		1955	04.58	-0.09							1.0
AYAN	BN	57	125	ES		1955	11.95	-0.01							1.0
AYAN	BE	57	125	IAML		1955	12.95			84	0.2				
AYAN	BN	57	125	IAML		1955	14.46			93	0.6				
SMLA	HZ	266	11	EP		1955	34.86	-0.02							1.0
SMLA	HE	266	11	ES		1956	04.15	-0.06							1.0
SMLA	HN	266	11	IAML		1956	08.98			14	0.2				
SMLA	HE	266	11	IAML		1956	12.30			25	0.3				

DHRM	HZ	387	355	EP	1955	49.80	0.13										1.0
DHRM	HN	387	355	ES	1956	29.81	-0.01										1.0
DHRM	HN	387	355	IAML	1956	45.45				28	0.6						
DHRM	HE	387	355	IAML	1956	47.19				37	0.6						

May 20 2023 Hour: 21:14 47.4 Lat: 28.68N Lon: 82.99E D: 14.5 Ag: NCS Local
Magnitudes: 3.0ML NCS 3.2MW NCS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLK	BZ	165	146	EP		2115	14.23	0.19							1.0
VLK	BN	165	146	ES		2115	33.87	0.36							1.0
VLK	BN	165	146	IAML		2115	34.86			436	0.4				
VLK	BE	165	146	IAML		2115	34.92			436	0.4				
PTH	BZ	289	291	EP		2115	29.32	0.08							1.0
PTH	BN	289	291	ES		2115	59.75	-0.06							1.0
PTH	BN	289	291	IAML		2116	01.62			126	0.1				
PTH	BE	289	291	IAML		2116	01.94			71	0.2				
LGTI	BZ	294	286	EP		2115	30.01	0.15							1.0
LGTI	BN	294	286	ES		2116	00.78	-0.11							1.0
LGTI	BN	294	286	IAML		2116	01.94			45	0.3				
LGTI	BE	294	286	IAML		2116	02.17			34	0.6				
MUKT	HZ	336	286	EP		2115	35.48	0.16							1.0
MUKT	HN	336	286	ES		2116	10.42	0.09							1.0
MUKT	HN	336	286	IAML		2116	14.45			72	0.3				
MUKT	HE	336	286	IAML		2116	14.81			74	0.1				
JOSI	BZ	392	303	EP		2115	41.78	-0.05							1.0
JOSI	BE	392	303	ES		2116	21.48	-0.11							1.0
JOSI	BE	392	303	IAML		2116	33.77			189	0.6				
JOSI	BN	392	303	IAML		2116	34.68			111	0.5				
GTK	SZ	572	104	EP		2116	03.54	-0.20							1.0
GTK	SN	572	104	ES		2116	59.62	0.12							1.0
GTK	SN	572	104	IAML		2117	04.60			35	0.5				
GTK	SE	572	104	IAML		2117	05.58			23	0.5				
BOKR	HZ	613	151	EP		2116	08.55	-0.31							1.0
BOKR	HN	613	151	ES		2117	08.05	-0.30							1.0
BOKR	HE	613	151	IAML		2117	16.84			19	0.3				
BOKR	HN	613	151	IAML		2117	18.00			17					
SMLA	HZ	624	297	EP		2116	10.07	-0.02							1.0
SMLA	HN	624	297	ES		2117	10.51	0.02							1.0
SMLA	HE	624	297	IAML		2117	14.75			18	0.3				
SMLA	HN	624	297	IAML		2117	15.07			10	0.7				

May 21 2023 Hour: 8:27 15.4 Lat: 37.38N Lon: 72.04E D: 105.0F Ag: NCS Local
Magnitudes: 3.9ML NCS 3.8MW NCS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	569	150	EP		0828	29.41	-0.09							1.0
UDMP	HN	569	150	ES		0829	23.51	-0.05							1.0
JMU	BZ	570	153	EP		0828	30.22	0.61							1.0
JMU	BN	570	153	ES		0829	23.72	-0.04							1.0
JMU	BE	570	153	IAML		0829	27.82			215	0.7				
JMU	BN	570	153	IAML		0829	29.40			150	1.0				
ALCI	BZ	582	126	EP		0828	31.11	-0.03							1.0
ALCI	BE	582	126	ES		0829	26.53	0.12							1.0
THN	BZ	646	147	EP		0828	38.78	-0.06							1.0
THN	BN	646	147	ES		0829	39.74	0.02							1.0
DHRM	HZ	690	144	EP		0828	43.94	-0.14							1.0
DHRM	HE	690	144	ES		0829	48.79	-0.00							1.0
DHRM	HE	690	144	IAML		0829	53.32			154	0.7				
DHRM	HN	690	144	IAML		0829	54.13			173	0.3				
SDNR	BZ	787	144	EP		0828	55.62	-0.12							1.0
SDNR	BN	787	144	ES		0830	08.83	-0.12							1.0
SMLA	HZ	839	144	EP		0829	01.85	-0.09							1.0
SMLA	HN	839	144	ES		0830	19.69	-0.00							1.0
SMLA	HE	839	144	IAML		0830	22.15			67	0.6				
SMLA	HN	839	144	IAML		0830	27.58			68	0.6				

UTK	BZ	944	139	EP	0829	14.59	-0.09										1.0
UTK	BE	944	139	ES	0830	41.82	0.09										1.0
UTK	BN	944	139	IAML	0830	44.86				71	0.3						
UTK	BE	944	139	IAML	0830	46.29				82	0.2						

May 21 2023 Hour: 8:39 49.1 Lat: 12.99N Lon: 93.55E D: 67.1 Ag: NCS Local
Magnitudes: 3.8ML NCS 3.6MW NCS Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DGPR	HZ	70	287	EP		0840	03.31	0.23							1.0
DGPR	HE	70	287	ES		0840	13.26	-0.04							1.0
DGPR	HE	70	287	IAML		0840	21.25			963	0.4				
DGPR	HN	70	287	IAML		0840	22.94			793	0.2				
SAIH	SZ	1053	357	EP		0842	01.24	-0.72							1.0
SAIH	SE	1053	357	ES		0843	39.05	0.09							1.0
SAIH	SE	1053	357	IAML		0843	52.57			26	0.8				
SAIH	SN	1053	357	IAML		0843	57.05			26	0.4				
AZL	SZ	1193	356	EP		0842	19.48	0.48							1.0
AZL	SN	1193	356	ES		0844	08.31	-0.13							1.0
AZL	SN	1193	356	IAML		0844	25.20			24	0.4				
AZL	SE	1193	356	IAML		0844	26.92			26	0.3				
RAGD	BZ	1282	304	EP		0842	29.26	-0.42							1.0
RAGD	BN	1282	304	ES		0844	27.05	0.14							1.0
RAGD	BN	1282	304	IAML		0844	35.73			13	0.8				
RAGD	BE	1282	304	IAML		0844	36.20			24	0.1				
SHL	HZ	1402	354	EP		0842	44.49	0.36							1.0
SHL	HN	1402	354	ES		0844	51.92	0.01							1.0
SHL	HN	1402	354	IAML		0845	07.12			80	0.1				
SHL	HE	1402	354	IAML		0845	08.07			51	0.3				

May 21 2023 Hour: 13:47 35.7 Lat: 24.88N Lon: 94.68E D: 77.7 Ag: NCS Local
Magnitudes: 3.8ML NCS 3.9MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IMP	SZ	75	266	EP		1347	51.05	0.08							1.0
IMP	SN	75	266	ES		1348	02.11	0.02							1.0
IMP	SE	75	266	IAML		1348	05.43			3653	0.4				
KOHI	SZ	110	328	EP		1347	54.59	-0.01							1.0
KOHI	SE	110	328	ES		1348	08.31	-0.06							1.0
KOHI	SE	110	328	IAML		1348	09.63			984	0.6				
KOHI	SN	110	328	IAML		1348	10.35			1697	0.6				
MOKO	SZ	161	354	EP		1348	00.43	0.05							1.0
MOKO	SN	161	354	ES		1348	18.32	-0.05							1.0
MOKO	SE	161	354	IAML		1348	23.28			3114	0.3				
SILR	SZ	191	267	EP		1348	03.79	0.02							1.0
SILR	SN	191	267	ES		1348	24.17	-0.07							1.0
SILR	SN	191	267	IAML		1348	28.96			1021	0.5				
SILR	SE	191	267	IAML		1348	29.85			1412	0.7				
CMPI	HZ	207	223	EP		1348	05.94	-0.05							1.0
CMPI	HN	207	223	ES		1348	27.93	-0.14							1.0
CMPI	HE	207	223	IAML		1348	32.95			259	0.4				
CMPI	HN	207	223	IAML		1348	35.56			399	0.3				
AZL	SZ	239	239	EP		1348	09.57	0.03							1.0
AZL	SE	239	239	ES		1348	34.34	0.11							1.0
AZL	SE	239	239	IAML		1348	35.86			319	0.2				
AZL	SN	239	239	IAML		1348	36.41			133	0.3				
TEZP	SZ	270	316	EP		1348	13.28	0.01							1.0
TEZP	SN	270	316	ES		1348	40.74	0.06							1.0
SHL	HZ	282	286	EP		1348	14.79	0.03							1.0
SHL	HN	282	286	ES		1348	43.15	-0.11							1.0
SHL	HE	282	286	IAML		1348	44.88			725	0.2				
SHL	HN	282	286	IAML		1348	45.73			1014	0.2				
SAIH	SZ	316	214	EP		1348	18.97	0.06							1.0
SAIH	SN	316	214	ES		1348	50.49	0.06							1.0
SAIH	SE	316	214	IAML		1348	55.40			130	0.4				
TAWA	SZ	412	318	EP		1348	30.49	0.01							1.0

TAWA	SN	412	318	ES	1349	10.61	0.16										1.0
TAWA	SE	412	318	IAML	1349	12.12			2252	0.4							
TAWA	SN	412	318	IAML	1349	12.51			2531	0.4							
TURA	SZ	455	280	EP	1348	35.68	-0.02										1.0
TURA	SN	455	280	ES	1349	19.60	0.11										1.0
TURA	SE	455	280	IAML	1349	22.16			920	0.1							
TURA	SN	455	280	IAML	1349	22.18			856	0.3							
DHUB	SZ	488	286	EP	1348	39.46	-0.26										1.0
GTK	SZ	666	295	EP	1349	01.37	-0.02										1.0
GTK	SN	666	295	ES	1350	03.90	-0.03										1.0
GTK	SN	666	295	IAML	1350	08.24			69	1.1							
GTK	SE	666	295	IAML	1350	11.57			95	0.7							

May 21 2023 Hour: 14:56 58.8 Lat: 43.46S Lon: 39.19E D: 10.0F Ag: NCS Distant
 Magnitudes: 6.1MW NCS Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CHT	HZ	7036	43	EP		1507	27.81	-0.07							1.0
KOD	BZ	7089	43	EP		1507	30.85	-0.26							1.0
MNGI	BZ	7208	39	EP		1507	38.03	-0.02							1.0
KDGU	HZ	7222	40	EP		1507	38.88	-0.07							1.0
SALM	BZ	7263	43	EP		1507	41.35	-0.00							1.0
GOA	HZ	7412	37	EP		1507	49.97	0.19							1.0
MDRS	HZ	7502	44	EP		1507	55.23	0.18							1.0
BLRY	HZ	7515	39	EP		1507	55.67	-0.03							1.0
ATP	HZ	7518	41	EP		1507	55.88	-0.07							1.0
KAD	BZ	7608	36	EP		1508	00.63	-0.30							1.0
BOM	BZ	7702	34	EP		1508	06.15	-0.09							1.0
POO	HZ	7713	35	EP		1508	06.97	0.18							1.0
SLPR	HZ	7728	37	EP		1508	07.61	-0.11							1.0
PALG	HZ	7820	34	EP		1508	12.35	-0.35							1.0
CMBY	HZ	7848	59	EP		1508	15.32	0.60							0.0
VJD	BZ	7862	42	EP		1508	15.15	-0.00							1.0
BHV	BZ	7958	32	EP		1508	20.12	-0.07							1.0
RAJM	HZ	7981	43	EP		1508	21.71	0.11							1.0
BHUJ	HZ	8007	29	EP		1508	22.98	0.15							1.0
VISK	HZ	8124	44	EP		1508	29.81	0.50							1.0
INDR	HZ	8206	35	EP		1508	33.48	0.00							1.0
RAGD	BZ	8274	43	EP		1508	37.23	-0.01							1.0
DGPR	HZ	8300	55	EP		1508	39.12	0.29							1.0
CNWR	HZ	8304	38	EP		1508	38.65	-0.05							1.0
UDPR	BZ	8310	32	EP		1508	38.69	-0.20							1.0
BARM	HZ	8332	30	EP		1508	39.84	-0.09							1.0
BHPL	HZ	8346	36	EP		1508	41.08	0.27							1.0
RAIP	HZ	8363	41	EP		1508	41.86	0.03							1.0
JODH	HZ	8450	31	EP		1508	46.00	-0.06							1.0
BLSP	BZ	8474	41	EP		1508	47.56	0.06							1.0
BWNR	BZ	8501	45	EP		1508	49.17	0.20							1.0
AJM	BZ	8534	32	EP		1508	50.47	0.09							1.0
JHNI	BZ	8619	36	EP		1508	54.63	-0.05							1.0
BKNR	BZ	8655	30	EP		1508	56.36	-0.05							1.0
GWAL	HZ	8673	35	EP		1508	57.34	-0.09							1.0
BNDA	BZ	8705	37	EP		1508	59.07	0.04							1.0
CHUR	HZ	8733	32	EP		1509	00.28	-0.04							1.0
ALBI	BZ	8762	39	EP		1509	02.02	0.11							1.0
KNTI	BZ	8781	42	EP		1509	02.83	-0.05							1.0
VAR	BZ	8818	40	EP		1509	04.67	0.04							1.0
BOKR	HZ	8834	43	EP		1509	05.69	0.16							1.0
UJWA	BZ	8846	33	EP		1509	05.72	-0.17							1.0
AYAN	BZ	8846	33	EP		1509	06.04	0.09							1.0
FBD	HZ	8849	34	EP		1509	06.01	-0.07							1.0
FRKB	BZ	8853	36	EP		1509	06.22	-0.12							1.0
CAL	BZ	8855	45	EP		1509	06.70	0.16							1.0
LKN	BZ	8856	37	EP		1509	06.41	-0.03							1.0
LDR	HZ	8861	33	EP		1509	06.61	-0.07							1.0

JMIU	BZ	8863	33	EP	1509	06.82	0.09	1.0
NPL	BZ	8864	33	EP	1509	06.68	-0.08	1.0
BISR	BZ	8870	34	EP	1509	06.53	-0.51	1.0
RTK	BZ	8870	33	EP	1509	06.94	-0.07	1.0
NDI	HZ	8871	33	EP	1509	07.09	-0.05	1.0
NRLA	BZ	8882	33	EP	1509	07.60	-0.08	1.0
ASOR	BZ	8903	34	EP	1509	08.69	0.05	1.0
MERT	BZ	8923	34	EP	1509	09.62	-0.02	1.0
JMUI	BZ	8958	42	EP	1509	11.63	0.17	1.0
BRCH	BZ	8968	37	EP	1509	12.04	0.15	1.0
CGRH	BZ	9054	32	EP	1509	15.69	-0.19	1.0
SHBG	BZ	9063	43	EP	1509	16.63	0.03	1.0
DDI	HZ	9070	33	EP	1509	17.97	1.36	0.9
LGTI	BZ	9071	35	EP	1509	16.73	-0.07	1.0
VLK	BZ	9072	39	EP	1509	16.83	-0.06	1.0
STMR	BZ	9077	41	EP	1509	17.16	-0.00	1.0
PTH	BZ	9096	35	EP	1509	17.82	-0.07	1.0
BELO	SZ	9102	47	EP	1509	18.05	-0.41	1.0
SMLA	HZ	9110	32	EP	1509	18.98	0.47	1.0
BHK	BZ	9127	32	EP	1509	19.40	0.07	1.0
UTK	BZ	9127	33	EP	1509	19.18	-0.12	1.0
SAIH	SZ	9127	49	EP	1509	19.80	0.07	1.0
SDNR	BZ	9140	32	EP	1509	10.08	-9.85	0.0
AGT	SZ	9148	47	EP	1509	20.72	0.08	1.0
JOSI	BZ	9160	34	EP	1509	20.94	0.03	1.0
JMU	BZ	9177	30	EP	1509	21.76	0.10	1.0
THN	BZ	9183	31	EP	1509	21.89	-0.03	1.0
DHRM	HZ	9185	31	EP	1509	22.38	0.34	1.0
UDMP	HZ	9202	30	EP	1509	22.59	-0.19	1.0
AZL	SZ	9220	48	EP	1509	24.20	0.17	1.0
CMPI	HZ	9236	49	EP	1509	25.10	0.14	1.0
TURA	SZ	9236	45	EP	1509	24.69	0.03	1.0
JPG	BZ	9244	43	EP	1509	25.16	0.21	1.0
COBR	BZ	9263	44	EP	1509	26.10	0.21	1.0
DHUB	SZ	9268	45	EP	1509	26.21	0.08	1.0
SRIN	BZ	9304	29	EP	1509	27.39	-0.08	1.0
GTK	SZ	9309	43	EP	1509	28.05	0.02	1.0
SILR	SZ	9320	47	EP	1509	28.86	0.29	1.0
SHL	HZ	9342	46	EP	1509	28.08	-1.53	0.9
IMP	SZ	9393	48	EP	1509	31.99	0.05	1.0
ALCI	BZ	9416	31	EP	1509	32.76	0.13	1.0
KOHI	SZ	9482	48	EP	1509	36.04	0.08	1.0
TEZP	SZ	9484	46	EP	1509	34.45	-1.51	0.9
TAWA	SZ	9518	45	EP	1509	37.50	0.02	1.0
MOKO	SZ	9559	48	EP	1509	39.58	0.13	1.0

May 21 2023 Hour: 15:45 14.1 Lat: 10.28S Lon: 161.37E D: 80.0F Ag: NCS Distant
 Magnitudes: 5.8MW NCS Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMBY	HZ	7720	282	EP		1556	13.59	0.09							1.0
DGPR	HZ	7993	288	EP		1556	28.31	-0.13							1.0
IMP	SZ	8279	299	EP		1556	43.82	0.31							1.0
MOKO	SZ	8281	301	EP		1556	43.71	0.04							1.0
SAIH	SZ	8288	297	EP		1556	40.95	-3.10							0.0
CMPI	HZ	8292	298	EP		1556	44.61	0.21							1.0
KOHI	SZ	8297	300	EP		1556	44.60	0.14							1.0
AZL	SZ	8361	298	EP		1556	47.78	0.00							1.0
SILR	SZ	8387	299	EP		1556	49.90	0.84							1.0
TEZP	SZ	8453	301	EP		1556	52.58	0.12							1.0
BELO	SZ	8465	297	EP		1556	53.15	0.07							1.0
SHL	HZ	8492	300	EP		1556	54.50	-0.00							1.0
AGT	SZ	8506	298	EP		1556	53.23	-1.99							0.9
TAWA	SZ	8576	301	EP		1556	58.03	-0.70							1.0
TURA	SZ	8659	299	EP		1557	03.27	0.38							1.0

DHUB	SZ	8698	299	EP	1557	04.85	0.06	1.0
COBR	BZ	8758	300	EP	1557	07.74	-0.03	1.0
JPG	BZ	8838	300	EP	1557	11.68	0.01	1.0
GTK	SZ	8874	300	EP	1557	13.52	0.06	1.0
SHBG	BZ	8900	298	EP	1557	14.79	0.05	1.0
BOKR	HZ	9027	296	EP	1557	20.69	-0.15	1.0
JMUI	BZ	9027	297	EP	1557	20.62	-0.13	1.0
KNTI	BZ	9079	296	EP	1557	23.25	-0.04	1.0
STMR	BZ	9173	299	EP	1557	27.68	-0.02	1.0
KNKR	BZ	9271	288	EP	1557	32.45	0.16	1.0
VLK	BZ	9322	299	EP	1557	34.53	-0.07	1.0
MDRS	HZ	9332	284	EP	1557	35.07	0.05	1.0
BLSP	BZ	9348	294	EP	1557	35.86	0.09	1.0
GKPR	BZ	9350	298	EP	1557	35.87	-0.00	1.0
VAR	BZ	9352	297	EP	1557	35.63	-0.28	1.0
VJD	BZ	9366	288	EP	1557	36.73	0.12	1.0
RAIP	HZ	9378	293	EP	1557	37.12	-0.05	1.0
ALBI	BZ	9469	297	EP	1557	41.46	0.20	1.0
TRVM	HZ	9579	279	EP	1557	46.05	-0.09	1.0
LKN	BZ	9597	298	EP	1557	47.17	0.26	1.0
KNL	HZ	9621	287	EP	1557	47.97	-0.07	1.0
CNWR	HZ	9673	293	EP	1557	50.33	0.02	1.0
FRKB	BZ	9739	298	EP	1557	52.95	-0.19	1.0
MUKT	HZ	9782	300	EP	1557	55.44	0.18	1.0
JHNI	BZ	9786	296	EP	1557	55.06	0.01	1.0
GWAL	HZ	9844	297	EP	1557	57.43	-0.13	1.0
DDI	HZ	9954	301	EP	1558	02.16	-0.00	1.0
NPL	BZ10000	299	EP	1558	04.24	0.17	1.0	
SMLA	HZ10055	301	EP	1558	06.34	-0.06	1.0	
SDNR	BZ10089	302	EP	1558	07.99	0.13	1.0	
ALCI	BZ10124	304	EP	1558	09.24	-0.07	1.0	
DHRM	HZ10161	302	EP	1558	10.84	-0.02	1.0	

May 21 2023 Hour: 21:22 31.7 Lat: 36.94N Lon: 71.19E D: 10.0F Ag: NCS Local

Magnitudes: 3.8ML NCS 3.3MW NCS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	568	143	EP		2123	48.35	0.10							1.0
JMU	BN	568	143	ES		2124	43.70	-0.44							1.0
JMU	BN	568	143	IAML		2124	53.11			198	0.6				
JMU	BE	568	143	IAML		2124	57.08			176	0.9				
UDMP	HZ	573	140	EP		2123	48.92	0.19							1.0
UDMP	HN	573	140	ES		2124	45.39	0.41							1.0
THN	BZ	654	138	EP		2123	58.56	-0.07							1.0
THN	BN	654	138	ES		2125	02.39	0.30							1.0
DHRM	HZ	700	136	EP		2124	03.94	-0.42							1.0
DHRM	HN	700	136	ES		2125	11.77	-0.24							1.0
DHRM	HE	700	136	IAML		2125	18.42			288	0.6				
DHRM	HN	700	136	IAML		2125	19.16			270	0.5				
SDNR	BZ	797	137	EP		2124	16.14	-0.01							1.0
SDNR	BN	797	137	ES		2125	32.33	-0.08							1.0
SDNR	BE	797	137	IAML		2125	38.65			37					
SMLA	HZ	848	138	EP		2124	22.39	0.04							1.0
SMLA	HN	848	138	ES		2125	43.28	0.14							1.0
SMLA	HE	848	138	IAML		2125	47.56			66	0.5				
SMLA	HN	848	138	IAML		2125	51.19			45	0.7				
UTK	BZ	961	134	EP		2124	36.00	-0.10							1.0
UTK	BN	961	134	ES		2126	06.82	-0.10							1.0
UTK	BN	961	134	IAML		2126	14.86			75	0.3				
UTK	BE	961	134	IAML		2126	14.96			109	0.4				
MUKT	HZ	1144	134	EP		2124	59.03	0.27							1.0
MUKT	HN	1144	134	IAML		2126	50.46			12	0.5				
MUKT	HE	1144	134	IAML		2126	51.93			14	0.7				

May 21 2023 Hour: 21:45 47.0 Ag: NCS Distant
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 UTK BZ EP 2147 20.92
 UTK BN ES 2149 31.91
 PTH BZ EP 2147 18.87
 PTH BN ES 2149 52.38
 SRIN BZ EP 2147 20.92
 SRIN BN ES 2149 13.49

May 21 2023 Hour: 22:20 3.6 Lat: 29.82N Lon: 129.14E D:184.0F Ag: NCS Distant

Magnitudes: 5.2MW NCS

Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKP	SZ	3257	273	EP		2225	48.85	0.04							1.0
MOKO	SZ	3412	272	EP		2226	01.21	0.04							1.0
TEZP	SZ	3570	273	EP		2226	13.45	0.01							1.0
CMPI	HZ	3620	267	EP		2226	17.44	-0.15							1.0
SILR	SZ	3624	270	EP		2226	17.79	0.06							1.0
TAWA	SZ	3634	275	EP		2226	18.50	-0.01							1.0
AZL	SZ	3671	268	EP		2226	20.94	-0.46							1.0
SHL	HZ	3678	272	EP		2226	21.99	0.02							1.0
SAIH	SZ	3688	266	EP		2226	22.98	0.18							1.0
AGT	SZ	3805	269	EP		2226	32.04	0.22							1.0
BELO	SZ	3808	268	EP		2226	32.07	0.02							1.0
DHUB	SZ	3857	273	EP		2226	35.80	0.03							1.0
GTK	SZ	3955	276	EP		2226	43.34	-0.00							1.0
JPG	BZ	3967	275	EP		2226	44.02	-0.12							1.0
SHBG	BZ	4109	273	EP		2226	55.16	0.04							1.0
DGPR	HZ	4153	252	EP		2226	58.69	0.19							0.0
JMUI	BZ	4255	273	EP		2227	06.02	0.02							1.0
BOKR	HZ	4326	272	EP		2227	11.60	0.16							1.0
KNTI	BZ	4392	272	EP		2227	16.27	0.00							1.0
VLK	BZ	4401	278	EP		2227	16.84	-0.07							1.0
BWNR	BZ	4470	267	EP		2227	22.17	0.02							1.0
VAR	BZ	4556	275	EP		2227	28.31	-0.02							1.0
BRCH	BZ	4619	279	EP		2227	33.07	0.06							1.0
PTH	BZ	4698	282	EP		2227	38.66	-0.05							1.0
JOSI	BZ	4736	284	EP		2227	41.51	0.08							1.0
BLSP	BZ	4747	271	EP		2227	42.45	0.10							1.0
MUKT	HZ	4754	282	EP		2227	43.09	0.04							1.0
BNDA	BZ	4805	276	EP		2227	46.53	0.07							1.0
RAIP	HZ	4833	270	EP		2227	48.58	0.03							1.0
UTK	BZ	4836	284	EP		2227	48.53	-0.09							1.0
JBPL	HZ	4922	274	EP		2227	54.87	0.05							1.0
SMLA	HZ	4946	285	EP		2227	56.57	0.11							1.0
MERT	BZ	4948	282	EP		2227	56.63	-0.06							1.0
ASOR	BZ	4950	282	EP		2227	56.79	-0.04							1.0
SDNR	BZ	4961	286	EP		2227	57.63	0.05							1.0
BHK	BZ	4961	286	EP		2227	57.65	0.02							1.0
JHNI	BZ	4970	277	EP		2227	58.32	0.05							1.0
BISR	BZ	4987	282	EP		2227	59.50	0.05							1.0
CGRH	BZ	4992	285	EP		2227	59.83	0.06							1.0
DHRM	HZ	5000	287	EP		2228	00.50	0.08							1.0
JMIU	BZ	5001	282	EP		2228	00.51	0.08							1.0
NDI	HZ	5005	282	EP		2228	00.76	-0.04							1.0
LDR	HZ	5007	282	EP		2228	00.76	-0.19							1.0
NPL	BZ	5010	282	EP		2228	00.76	-0.33							1.0
NRLA	BZ	5012	282	EP		2228	01.35	0.11							1.0
AYAN	BZ	5019	282	EP		2228	01.60	-0.19							1.0
UJWA	BZ	5037	282	EP		2228	02.91	-0.07							1.0
THN	BZ	5043	288	EP		2228	03.53	0.16							1.0
KNKR	BZ	5068	264	EP		2228	05.18	-0.14							1.0
RTK	BZ	5071	283	EP		2228	05.18	-0.14							1.0
UDMP	HZ	5095	288	EP		2228	07.07	0.06							1.0

BHPL	HZ	5163	275	EP	2228	11.96	0.05									1.0
AJM	BZ	5319	280	EP	2228	22.83	0.05									1.0
MDRS	HZ	5359	261	EP	2228	25.60	0.00									1.0
BKNR	BZ	5391	283	EP	2228	27.71	0.03									1.0
UDPR	BZ	5470	278	EP	2228	32.92	-0.25									1.0
SALM	BZ	5623	260	EP	2228	43.77	0.11									1.0
BARM	HZ	5648	280	EP	2228	45.14	-0.02									1.0
JASL	BZ	5656	282	EP	2228	45.80	0.10									1.0
BHV	BZ	5729	275	EP	2228	50.59	-0.03									1.0

May 22 2023 Hour: 2:45 41.7 Lat: 27.09N Lon: 97.04E D: 13.9 Ag: NCS Local

Magnitudes: 4.2ML NCS 4.1MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKP	SZ	122	283	EP		0246	02.38	-0.02							1.0
LKP	SN	122	283	ES		0246	17.42	-0.06							1.0
LKP	SE	122	283	IAML		0246	23.82			8511	1.1				
MOKO	SZ	265	252	EP		0246	20.85	0.03							1.0
MOKO	SN	265	252	ES		0246	49.38	0.02							1.0
MOKO	SE	265	252	IAML		0246	55.91			4202	0.6				
ITAN	SZ	329	272	EP		0246	28.79	0.20							1.0
ITAN	SN	329	272	ES		0247	02.76	-0.03							1.0
ITAN	SE	329	272	IAML		0247	06.49			2427	0.5				
KOHI	SZ	330	243	EP		0246	28.64	0.02							1.0
KOHI	SN	330	243	ES		0247	02.90	0.05							1.0
KOHI	SN	330	243	IAML		0247	10.12			1423	0.6				
KOHI	SE	330	243	IAML		0247	16.40			1410	0.8				
IMP	SZ	398	232	EP		0246	36.94	-0.03							1.0
IMP	SE	398	232	ES		0247	17.29	0.00							1.0
IMP	SE	398	232	IAML		0247	24.19			170	0.6				
IMP	SN	398	232	IAML		0247	25.08			254	0.7				
TEZP	SZ	425	264	EP		0246	40.23	0.04							1.0
TEZP	SN	425	264	ES		0247	22.91	0.04							1.0
TEZP	SN	425	264	IAML		0247	24.78			900	0.3				
SILR	SZ	496	240	EP		0246	48.80	-0.03							1.0
SILR	SN	496	240	ES		0247	37.80	-0.01							1.0
SILR	SE	496	240	IAML		0247	44.04			727	0.8				
TAWA	SZ	515	277	EP		0246	51.27	0.02							1.0
TAWA	SN	515	277	ES		0247	41.91	-0.09							1.0
TAWA	SN	515	277	IAML		0247	47.50			4020	0.5				
TAWA	SE	515	277	IAML		0247	49.46			2422	1.7				
SHL	HZ	532	253	EP		0246	53.32	0.02							1.0
SHL	HN	532	253	ES		0247	45.56	0.02							1.0
SHL	HE	532	253	IAML		0247	46.71			850	0.2				
SHL	HN	532	253	IAML		0247	49.31			575	1.2				
GUWA	SZ	542	261	EP		0246	54.44	-0.11							1.0
GUWA	SN	542	261	ES		0247	47.85	0.13							1.0
GUWA	SE	542	261	IAML		0247	49.44			388	0.3				
GUWA	SN	542	261	IAML		0247	50.43			314	0.8				
AZL	SZ	574	231	EP		0246	58.44	0.00							1.0
AZL	SN	574	231	ES		0247	54.45	0.01							1.0
AZL	SE	574	231	IAML		0247	57.67			608	0.4				
AZL	SN	574	231	IAML		0247	59.65			287	0.2				
SAIH	SZ	654	220	EP		0247	08.18	-0.05							1.0
SAIH	SN	654	220	ES		0248	11.27	-0.10							1.0
SAIH	SN	654	220	IAML		0248	18.69			148	0.6				
SAIH	SE	654	220	IAML		0248	19.92			217	0.3				
TURA	SZ	703	257	EP		0247	14.17	0.03							1.0
TURA	SN	703	257	ES		0248	21.61	0.02							1.0
TURA	SE	703	257	IAML		0248	22.65			438	0.4				
DHUB	SZ	712	262	EP		0247	15.24	-0.01							1.0
GTK	SZ	837	274	EP		0247	30.45	-0.07							1.0
GTK	SN	837	274	ES		0248	49.86	-0.07							1.0
GTK	SN	837	274	IAML		0248	53.95			315	0.3				
GTK	SE	837	274	IAML		0248	55.05			161	0.2				

May 22 2023 Hour: 3:22 40.2 Lat: 27.35N Lon: 92.88E D: 12.0 Ag: NCS Local
 Magnitudes: 3.0ML NCS 3.0MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TEZP	SZ	82	186	EP		0322	54.53	0.03							1.0
TEZP	SN	82	186	ES		0323	04.95	0.04							1.0
ITAN	SZ	87	105	EP		0322	55.45	0.02							1.0
ITAN	SE	87	105	ES		0323	06.48	-0.03							1.0
ITAN	SN	87	105	IAML		0323	11.55			543	0.7				
ITAN	SE	87	105	IAML		0323	12.61			538	0.5				
TAWA	SZ	104	285	EP		0322	58.31	0.02							1.0
TAWA	SN	104	285	ES		0323	11.46	-0.01							1.0
TAWA	SE	104	285	IAML		0323	15.23			742	0.2				
TAWA	SN	104	285	IAML		0323	16.14			924	0.2				
GUWA	SZ	174	223	EP		0323	08.44	0.02							1.0
GUWA	SN	174	223	ES		0323	29.01	0.02							1.0
GUWA	SN	174	223	IAML		0323	32.60			83	0.3				
GUWA	SE	174	223	IAML		0323	32.63			112	0.1				
MOKO	SZ	199	125	EP		0323	11.50	0.08							1.0
MOKO	SN	199	125	ES		0323	34.26	0.08							1.0
MOKO	SE	199	125	IAML		0323	41.79			360	0.6				
SHL	HZ	217	204	EP		0323	13.54	-0.01							1.0
SHL	HN	217	204	ES		0323	37.96	0.09							1.0
SHL	HN	217	204	IAML		0323	43.27			158	0.2				
SHL	HE	217	204	IAML		0323	43.33			99	0.3				
KOHI	SZ	218	146	EP		0323	13.80	0.04							1.0
KOHI	SE	218	146	ES		0323	38.22	-0.02							1.0
KOHI	SN	218	146	IAML		0323	44.74			126	0.9				
KOHI	SE	218	146	IAML		0323	51.13			213	0.4				
DHUB	SZ	323	243	EP		0323	26.52	0.07							1.0
AZL	SZ	401	183	EP		0323	35.76	-0.26							1.0
AZL	SN	401	183	ES		0324	16.79	0.05							1.0
AZL	SN	401	183	IAML		0324	21.23			30	0.2				
AZL	SE	401	183	IAML		0324	22.30			59	0.4				
SAIH	SZ	539	179	EP		0323	52.79	-0.12							1.0
SAIH	SN	539	179	ES		0324	45.85	-0.10							1.0
SAIH	SE	539	179	IAML		0324	54.13			24	0.8				

May 22 2023 Hour: 5:43 32.9 Lat: 36.01N Lon: 71.22E D:126.4 Ag: NCS Regional
 Magnitudes: 5.0ML NCS 4.7MW NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	392	123	EP		0544	26.08	-0.12							1.0
SRIN	BN	392	123	ES		0545	05.15	0.07							1.0
SRIN	BN	392	123	IAML		0545	08.50			12486	0.2				
SRIN	BE	392	123	IAML		0545	09.37			9158	0.2				
JMU	BZ	488	136	EP		0544	37.74	0.17							1.0
JMU	BN	488	136	ES		0545	24.72	-0.02							1.0
JMU	BE	488	136	IAML		0545	32.00			7360	0.6				
UDMP	HZ	496	133	EP		0544	38.32	-0.17							1.0
UDMP	HN	496	133	ES		0545	26.08	-0.27							1.0
ALCI	BZ	579	108	EP		0544	48.53	0.15							1.0
ALCI	BN	579	108	ES		0545	43.58	0.12							1.0
ALCI	BN	579	108	IAML		0545	45.04			1183	0.4				
ALCI	BE	579	108	IAML		0545	45.34			1441	0.4				
THN	BZ	579	132	EP		0544	48.47	0.12							1.0
THN	BN	579	132	ES		0545	43.47	0.07							1.0
DHRM	HZ	627	130	EP		0544	53.95	-0.29							1.0
DHRM	HN	627	130	ES		0545	53.28	-0.32							1.0
DHRM	HE	627	130	IAML		0545	57.09			5677	0.2				
DHRM	HN	627	130	IAML		0545	58.10			3920	0.4				
SRGN	BZ	719	159	EP		0545	04.47	-0.77							1.0
SRGN	BN	719	159	ES		0546	12.56	-0.06							1.0
SRGN	BE	719	159	IAML		0546	16.28			4490	0.6				
SRGN	BN	719	159	IAML		0546	16.86			3293	0.4				

SDNR	BZ	723	132	EP	0545	05.81	0.12			1.0
SDNR	BN	723	132	ES	0546	13.52	0.12			1.0
SDNR	BN	723	132	IAML	0546	15.37		1231	0.8	
SDNR	BE	723	132	IAML	0546	17.50		1430	2.1	
BHK	BZ	736	132	EP	0545	07.23-0.08				1.0
BHK	BE	736	132	ES	0546	16.41	0.22			1.0
BHK	BE	736	132	IAML	0546	18.95		2554	0.5	
SMLA	HZ	773	133	EP	0545	11.40-0.26				1.0
SMLA	HE	773	133	ES	0546	23.42-0.32				1.0
SMLA	HN	773	133	IAML	0546	28.47		1454	1.0	
SMLA	HE	773	133	IAML	0546	30.15		2837	0.9	
CGRH	BZ	780	137	EP	0545	10.98-1.58				0.9
CGRH	BN	780	137	ES	0546	25.25-0.03				1.0
CGRH	BN	780	137	IAML	0546	30.21		5212	1.0	
CGRH	BE	780	137	IAML	0546	30.29		5084	0.9	
HNLY	BZ	797	114	EP	0545	14.81	0.16			1.0
HNLY	BN	797	114	ES	0546	29.00	0.10			1.0
HNLY	BE	797	114	IAML	0546	33.34		229	0.6	
HNLY	BN	797	114	IAML	0546	39.08		120	0.9	
BKNR	BZ	887	167	EP	0545	25.59	0.19			1.0
BKNR	BN	887	167	ES	0546	47.67	0.17			1.0
BKNR	BE	887	167	IAML	0546	55.30		2939	0.4	
BKNR	BN	887	167	IAML	0546	58.13		2715	0.5	
UTK	BZ	891	129	EP	0545	26.36	0.56			1.0
UTK	BN	891	129	ES	0546	48.16-0.03				1.0
UTK	BE	891	129	IAML	0546	53.96		2378	0.2	
UTK	BN	891	129	IAML	0546	54.23		1928	0.2	
DDI	HZ	896	133	EP	0545	26.03-0.41				1.0
DDI	HE	896	133	ES	0546	48.88-0.41				1.0
DDI	HN	896	133	IAML	0546	55.35		1414	0.6	
DDI	HE	896	133	IAML	0546	55.84		1637	0.5	
CHUR	HZ	926	157	EP	0545	30.71	0.66			1.0
CHUR	HE	926	157	IAML	0546	58.87		4794	0.1	
CHUR	HN	926	157	IAML	0546	59.65		3159	0.9	
JOSI	BZ	983	126	EP	0545	36.81-0.16				1.0
JOSI	BE	983	126	IAML	0547	18.25		833	0.8	
JOSI	BN	983	126	IAML	0547	18.32		1180	0.8	
UJWA	BZ	984	145	EP	0545	37.10	0.05			1.0
UJWA	BN	984	145	ES	0547	07.80	0.14			1.0
UJWA	BE	984	145	IAML	0547	14.39		1557	0.8	
UJWA	BN	984	145	IAML	0547	14.67		1415	0.6	
NDI	HZ	988	144	EP	0545	37.83	0.27			1.0
NDI	HN	988	144	ES	0547	08.71	0.18			1.0
NDI	HE	988	144	IAML	0547	15.49		274	0.8	
NDI	HN	988	144	IAML	0547	16.30		281	0.5	
NPL	BZ	990	144	EP	0545	37.57-0.19				1.0
NPL	BN	990	144	ES	0547	08.94	0.06			1.0
NPL	BN	990	144	IAML	0547	14.05		656	0.7	
NPL	BE	990	144	IAML	0547	15.52		627	0.2	
LDR	HZ	998	144	EP	0545	38.91	0.17			1.0
LDR	HN	998	144	ES	0547	10.74	0.16			1.0
LDR	HN	998	144	IAML	0547	19.51		1341	0.4	
LDR	HE	998	144	IAML	0547	22.67		2198	0.2	
AYAN	BZ	1003	145	EP	0545	39.53	0.19			1.0
AYAN	BN	1003	145	ES	0547	11.64	0.03			1.0
AYAN	BN	1003	145	IAML	0547	16.35		517	0.5	
AYAN	BE	1003	145	IAML	0547	17.13		286	0.6	
KUDL	HZ	1004	149	EP	0545	40.59	1.17			1.0
KUDL	HN	1004	149	ES	0547	11.85	0.09			1.0
KUDL	HE	1004	149	IAML	0547	15.52		338	0.9	
KUDL	HN	1004	149	IAML	0547	17.22		232	0.8	
JASL	BZ	1008	182	EP	0545	39.90	0.01			1.0
JASL	BN	1008	182	ES	0547	12.51-0.06				1.0
JASL	BE	1008	182	IAML	0547	18.15		823	0.6	

JASL	BN	1008	182	IAML	0547	21.03	1032	0.2	
BISR	BZ	1011	143	EP	0545	39.59-0.67			1.0
BISR	BN	1011	143	ES	0547	13.28 0.07			1.0
UNCH	BZ	1061	142	EP	0545	46.32 0.03			1.0
UNCH	BE	1061	142	ES	0547	23.75 0.11			1.0
UNCH	BN	1061	142	IAML	0547	30.87	1010	0.5	
UNCH	BE	1061	142	IAML	0547	31.52	1024	0.1	
MUYR	HZ	1070	125	EP	0545	47.35-0.46			1.0
MUYR	HN	1070	125	IAML	0547	29.18	2717	0.4	
MUYR	HE	1070	125	IAML	0547	34.06	2040	0.5	
MUKT	HZ	1072	130	EP	0545	47.97-0.04			1.0
MUKT	HE	1072	130	ES	0547	26.54-0.08			1.0
MUKT	HN	1072	130	IAML	0547	31.26	756	0.6	
MUKT	HE	1072	130	IAML	0547	34.04	627	0.5	
JODH	HZ	1095	170	EP	0545	50.29-0.10			1.0
JODH	HE	1095	170	ES	0547	30.66-0.07			1.0
JODH	HE	1095	170	IAML	0547	37.84	854	0.6	
JODH	HN	1095	170	IAML	0547	40.29	643	0.1	
PTH	BZ	1101	128	EP	0545	51.15 0.01			1.0
PTH	BN	1101	128	ES	0547	31.98-0.04			1.0
PTH	BN	1101	128	IAML	0547	36.17	404	0.7	
PTH	BE	1101	128	IAML	0547	40.39	350	0.3	
LGTI	BZ	1108	129	EP	0545	51.92-0.03			1.0
LGTI	BN	1108	129	ES	0547	33.62 0.18			1.0
LGTI	BN	1108	129	IAML	0547	37.36	314	0.6	
LGTI	BE	1108	129	IAML	0547	38.69	343	0.5	
AJM	BZ	1111	162	EP	0545	53.42 1.10			1.0
AJM	BN	1111	162	ES	0547	34.20 0.13			1.0
AJM	BN	1111	162	IAML	0547	41.45	363	1.0	
AJM	BE	1111	162	IAML	0547	44.08	328	0.6	
GWAL	HZ	1273	147	EP	0546	11.79-0.03			1.0
GWAL	HN	1273	147	ES	0548	07.80-0.01			1.0
GWAL	HE	1273	147	IAML	0548	11.08	719	0.5	
GWAL	HN	1273	147	IAML	0548	12.72	942	0.5	
UDPR	BZ	1289	169	EP	0546	14.64 0.87			1.0
UDPR	BE	1289	169	IAML	0548	19.12	310	0.6	
UDPR	BN	1289	169	IAML	0548	20.67	244	0.7	
JHNI	BZ	1366	147	EP	0546	23.22 0.23			1.0
JHNI	BN	1366	147	ES	0548	26.61-0.52			1.0
JHNI	BE	1366	147	IAML	0548	32.36	168	0.5	
JHNI	BN	1366	147	IAML	0548	32.63	124	0.7	
GUNA	BZ	1388	153	EP	0546	25.83 0.09			1.0
GUNA	BN	1388	153	ES	0548	32.10 0.21			1.0
GUNA	BN	1388	153	IAML	0548	37.17	536	0.5	
GUNA	BE	1388	153	IAML	0548	38.81	317	0.2	
BHUJ	HZ	1421	187	EP	0546	29.56-0.17			0.0
BHUJ	HN	1421	187	ES	0548	38.21-0.58			1.0
BHUJ	HN	1421	187	IAML	0548	46.99	197	0.3	
BHUJ	HE	1421	187	IAML	0548	51.45	313	1.1	
VLK	BZ	1531	125	EP	0546	43.09 0.32			1.0
VLK	BN	1531	125	ES	0549	15.35 0.08			1.0
VLK	BN	1531	125	IAML	0549	18.28	375	1.0	
VLK	BE	1531	125	IAML	0549	20.99	316	1.6	
BHPL	HZ	1536	155	EP	0546	42.94-0.43			1.0
BHPL	HE	1536	155	ES	0549	16.53 0.13			1.0
BHPL	HN	1536	155	IAML	0549	25.68	132	0.4	
BHPL	HE	1536	155	IAML	0549	26.75	185	1.2	
INDR	HZ	1561	162	EP	0546	46.35 0.10			1.0
INDR	HN	1561	162	ES	0549	21.91 0.08			1.0
CNWR	HZ	1718	152	EP	0547	04.12 0.12			1.0
CNWR	HE	1718	152	ES	0549	55.76-0.06			1.0
CNWR	HE	1718	152	IAML	0550	06.54	178	0.9	
CNWR	HN	1718	152	IAML	0550	11.52	81	0.7	
GTK	SZ	1904	116	EP	0547	24.29-0.03			1.0

GTK	SN	1904	116	ES	0550	35.32-0.63				1.0
GTK	SE	1904	116	IAML	0550	38.29	42	1.4		
GTK	SN	1904	116	IAML	0550	38.68	65	0.7		
P00	HZ	1953	172	EP	0547	28.41-0.68				1.0
P00	HN	1953	172	ES	0550	45.37-0.32				1.0
P00	HN	1953	172	IAML	0551	22.31	238	0.6		
P00	HE	1953	172	IAML	0551	22.39	170	0.6		
BOKR	HZ	1954	130	EP	0547	29.28-0.00				1.0
BOKR	HN	1954	130	ES	0550	46.11 0.08				1.0
BOKR	HE	1954	130	IAML	0550	57.17	68	1.7		
BOKR	HN	1954	130	IAML	0551	04.41	72	1.0		
TURA	SZ	2152	117	EP	0547	48.76 0.07				1.0
TURA	SN	2152	117	ES	0551	21.86 0.14				1.0
TURA	SN	2152	117	IAML	0551	22.80	50	0.5		
TURA	SE	2152	117	IAML	0551	23.19	25	0.4		
GUWA	SZ	2228	114	EP	0547	56.01-0.09				1.0
GUWA	SE	2228	114	ES	0551	35.38 0.10				1.0
GUWA	SE	2228	114	IAML	0551	40.14	17	0.7		
GUWA	SN	2228	114	IAML	0551	41.70	15	1.2		
BWNR	BZ	2253	137	EP	0547	58.31-0.20				1.0
BWNR	BN	2253	137	ES	0551	40.30 0.62				1.0
BWNR	BE	2253	137	IAML	0551	41.65	125	0.3		
BWNR	BN	2253	137	IAML	0551	43.67	60	0.6		
SHL	HZ	2292	115	EP	0548	02.37 0.11				1.0
SHL	HE	2292	115	ES	0551	46.63 0.08				1.0
SHL	HE	2292	115	IAML	0551	49.91	34	0.1		
SHL	HN	2292	115	IAML	0551	53.74	100	0.9		
TEZP	SZ	2295	111	EP	0548	02.47 0.01				1.0
TEZP	SN	2295	111	IAML	0548	03.76	20	1.0		
MOKO	SZ	2458	109	EP	0548	18.16 0.05				1.0
MOKO	SE	2458	109	ES	0552	14.43 0.34				1.0
MOKO	SE	2458	109	IAML	0552	17.68	51	1.0		
MOKO	SN	2458	109	IAML	0552	18.32	42	0.6		
KOHI	SZ	2459	111	EP	0548	18.00-0.18				1.0
KOHI	SN	2459	111	ES	0552	14.55 0.36				1.0
KOHI	SN	2459	111	IAML	0552	28.00	51	0.7		
KOHI	SE	2459	111	IAML	0552	32.50	53	1.0		
AZL	SZ	2470	118	EP	0548	19.24-0.03				1.0
AZL	SN	2470	118	ES	0552	16.05 0.16				1.0
AZL	SN	2470	118	IAML	0552	25.20	20	1.3		
AZL	SE	2470	118	IAML	0552	29.08	26	1.3		
SAIH	SZ	2581	120	EP	0548	28.98 0.10				1.0
SAIH	SE	2581	120	ES	0552	31.29-0.93				1.0
SAIH	SE	2581	120	IAML	0552	54.16	40	2.5		
SAIH	SN	2581	120	IAML	0552	54.73	33	1.0		

May	22	2023	Hour: 13: 9 10.3	Lat: 29.54N	Lon: 81.26E	D: 14.5	Ag: NCS	Local							
Magnitudes: 3.1ML NCS 3.3MW NCS				Rms: 0.1 secs											
STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PTH	BZ	102	273	EP		1309	27.95	0.00							1.0
PTH	BN	102	273	ES		1309	40.85-0.00								1.0
PTH	BN	102	273	IAML		1309	49.03		443	0.6					
PTH	BE	102	273	IAML		1309	50.83		521	0.3					
LGTI	BZ	115	262	EP		1309	30.02	0.11							1.0
LGTI	BE	115	262	IAML		1309	51.84		438	0.2					
LGTI	BN	115	262	IAML		1309	52.24		393	0.4					
MUKT	HZ	156	267	EP		1309	36.24	0.06							1.0
MUKT	HN	156	267	ES		1309	55.14	0.05							1.0
MUKT	HE	156	267	IAML		1310	01.63		441	0.2					
JOSI	BZ	199	305	EP		1309	41.12-0.02								1.0
JOSI	BN	199	305	IAML		1310	16.77		266	0.9					
JOSI	BE	199	305	IAML		1310	16.95		236	0.3					
UTK	BZ	302	297	EP		1309	53.60-0.01								1.0
UTK	BE	302	297	ES		1310	25.39	0.14							1.0

UTK	BN	302	297	IAML	1310	32.60		96	0.2	
UTK	BE	302	297	IAML	1310	33.54		121	0.7	
VLK	BZ	349	131	EP	1309	59.43-0.05				1.0
VLK	BE	349	131	ES	1310	35.38-0.02				1.0
VLK	BE	349	131	IAML	1310	39.81		143	0.7	
VLK	BN	349	131	IAML	1310	40.89		122	0.3	
AYAN	BZ	420	255	EP	1310	07.88-0.23				1.0
AYAN	BN	420	255	ES	1310	50.22-0.12				1.0
AYAN	BN	420	255	IAML	1310	53.96		32	1.0	
AYAN	BE	420	255	IAML	1310	57.31		33	0.9	
SMLA	HZ	430	295	EP	1310	09.42 0.05				1.0
SMLA	HE	430	295	ES	1310	52.43-0.08				1.0
SMLA	HE	430	295	IAML	1311	00.19		60	0.1	
SMLA	HN	430	295	IAML	1311	01.04		34	0.8	
ALBI	BZ	472	173	EP	1310	14.51 0.06				1.0
ALBI	BN	472	173	ES	1311	01.37 0.08				1.0
ALBI	BN	472	173	IAML	1311	23.21		71	0.8	
ALBI	BE	472	173	IAML	1311	24.26		94	0.8	
DHRM	HZ	561	304	EP	1310	25.32-0.02				1.0
DHRM	HN	561	304	ES	1311	20.14-0.00				1.0
DHRM	HE	561	304	IAML	1311	28.44		39	0.7	
DHRM	HN	561	304	IAML	1311	28.70		48	0.8	

May 22 2023 Hour: 22:5 5.6 Lat: 23.03N Lon: 92.21E D: 5.0F Ag: NCS Local
Magnitudes: 2.0ML NCS 2.2MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AZL	SZ	93	32	EP		2205	21.69-0.05								1.0
AZL	SE	93	32	ES		2205	33.43-0.06								1.0
AZL	SN	93	32	IAML		2205	35.19			18	0.2				
AZL	SE	93	32	IAML		2205	38.28			27	0.1				
SAIH	SZ	100	127	EP		2205	23.01-0.01								1.0
SAIH	SN	100	127	ES		2205	35.65-0.05								1.0
SAIH	SN	100	127	IAML		2205	37.68			22	0.8				
SAIH	SE	100	127	IAML		2205	41.34			19	0.6				
CMPI	HZ	124	65	EP		2205	27.51 0.17								1.0
CMPI	HN	124	65	ES		2205	43.19 0.01								1.0
CMPI	HN	124	65	IAML		2205	46.38			86	0.6				
CMPI	HE	124	65	IAML		2205	47.55			75	0.4				

May 23 2023 Hour: 0:28 41.8 Lat: 25.48N Lon: 94.46E D: 28.2 Ag: NCS Local
Magnitudes: 2.3ML NCS 2.6MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KOHI	SZ	44	308	EP		0028	50.69 0.13								1.0
KOHI	SE	44	308	ES		0028	56.95-0.04								1.0
KOHI	SN	44	308	IAML		0029	09.88			59	0.4				
KOHI	SE	44	308	IAML		0029	10.62			66	1.1				
IMP	SZ	88	216	EP		0028	56.83-0.08								1.0
IMP	SN	88	216	IAML		0029	09.94			46	0.3				
IMP	SE	88	216	IAML		0029	13.78			25	0.3				
MOKO	SZ	94	4	EP		0028	57.79-0.09								1.0
MOKO	SE	94	4	IAML		0029	13.25			90	0.3				
MOKO	SN	94	4	IAML		0029	13.66			71	0.8				
SHL	HZ	248	273	EP		0029	17.42 0.20								1.0
SHL	HN	248	273	ES		0029	42.99-0.12								1.0
SHL	HN	248	273	IAML		0029	44.22			104	0.1				
SHL	HE	248	273	IAML		0029	48.21			62	0.2				

May 23 2023 Hour: 3:45 38.6 Lat: 36.62N Lon: 71.81E D: 16.0F Ag: NCS Local
Magnitudes: 3.9ML NCS 3.8MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	508	146	EP		0346	46.97-0.05								1.0
JMU	BN	508	146	ES		0347	37.15 0.18								1.0
JMU	BN	508	146	IAML		0347	43.32			1565	0.6				
JMU	BE	508	146	IAML		0347	48.49			704	0.6				

UDMP	HZ	511	143	EP	0346	47.29-0.06											1.0
UDMP	HN	511	143	ES	0347	37.54 0.01											1.0
ALCI	BZ	556	117	EP	0346	53.09 0.16											1.0
ALCI	BN	556	117	ES	0347	46.93-0.25											1.0
ALCI	BE	556	117	IAML	0347	55.66	117	0.4									
ALCI	BN	556	117	IAML	0347	57.36	73	0.2									
THN	BZ	591	141	EP	0346	57.13-0.03											1.0
THN	BN	591	141	ES	0347	54.37-0.13											1.0
DHRM	HZ	637	138	EP	0347	02.80-0.01											1.0
DHRM	HN	637	138	ES	0348	04.31 0.03											1.0
DHRM	HE	637	138	IAML	0348	10.19	658	0.4									
DHRM	HN	637	138	IAML	0348	10.44	519	0.5									
SDNR	BZ	734	139	EP	0347	14.34-0.28											1.0
SDNR	BN	734	139	ES	0348	24.77 0.06											1.0
SDNR	BN	734	139	IAML	0348	29.41	95	0.3									
SDNR	BE	734	139	IAML	0348	30.58	70	0.3									
BHK	BZ	748	139	EP	0347	16.34-0.04											1.0
BHK	BN	748	139	ES	0348	27.87 0.11											1.0
BHK	BN	748	139	IAML	0348	29.64	130	0.2									
BHK	BE	748	139	IAML	0348	30.28	132	0.2									
HNLY	BZ	782	121	EP	0347	20.82 0.29											1.0
HNLY	BE	782	121	ES	0348	35.04 0.10											1.0
HNLY	BN	782	121	IAML	0348	39.65	8	0.4									
HNLY	BE	782	121	IAML	0348	41.84	11	0.4									
SMLA	HZ	785	139	EP	0347	20.82-0.02											1.0
SMLA	HN	785	139	ES	0348	35.54 0.06											1.0
SMLA	HN	785	139	IAML	0348	39.76	109	0.5									
SMLA	HE	785	139	IAML	0348	41.64	138	0.5									
UTK	BZ	897	135	EP	0347	34.47 0.02											1.0
UTK	BN	897	135	ES	0348	58.85-0.16											1.0
UTK	BN	897	135	IAML	0349	04.97	166	0.3									
UTK	BE	897	135	IAML	0349	05.90	173	0.3									

May 23 2023 Hour: 6:41 53.2 Lat: 23.48S Lon: 171.43E D: 10.0F Ag: NCS Distant
Magnitudes: 6.0MW NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKP	SZ	9871	300	EP		0654	46.79-0.36								1.0
SAIH	SZ	9890	295	EP		0654	52.98 4.89								0.0
CMPI	HZ	9909	296	EP		0654	48.78-0.24								1.0
IMP	SZ	9916	297	EP		0654	48.91-0.18								1.0
MOKO	SZ	9938	299	EP		0654	49.88-0.20								1.0
KOHI	SZ	9945	298	EP		0654	52.17 1.83								0.9
AZL	SZ	9977	296	EP		0654	55.83 4.10								0.0
SILR	SZ10017	297	EP			0654	53.42 0.09								1.0
ITAN	SZ10049	299	EP			0654	54.21-0.49								1.0
BELO	SZ10068	295	EP			0654	56.24 0.72								1.0
TEZP	SZ10106	299	EP			0654	56.75-0.26								1.0
AGT	SZ10117	296	EP			0654	57.27-0.32								1.0
GUWA	SZ10186	298	EP			0655	00.27-0.13								1.0
TURA	SZ10287	297	EP			0655	06.03 1.45								0.9
DHUB	SZ10331	297	EP			0655	06.23-0.14								1.0
COBR	BZ10392	297	EP			0655	08.07-0.84								1.0
BWNR	BZ10462	290	EP			0655	11.87-0.07								1.0
JPG	BZ10472	297	EP			0655	12.11-0.06								1.0
SHBG	BZ10512	295	EP			0655	13.78-0.13								1.0
GTK	SZ10517	298	EP			0655	13.81-0.25								1.0
JMUI	BZ10629	295	EP			0655	18.55-0.05								1.0
KNTI	BZ10658	293	EP			0655	19.86 0.01								1.0
KNKR	BZ10711	285	EP			0655	22.02-0.13								1.0
STMR	BZ10795	296	EP			0655	25.09-0.29								1.0
VJD	BZ10806	285	EP			0655	26.09 0.14								1.0
SALM	BZ10851	279	EP			0655	27.82-0.01								1.0
KOD	BZ10860	278	EP			0655	28.50 0.29								1.0
BLSP	BZ10890	291	EP			0655	29.35 0.11								1.0

RAIP	HZ10903	290	EP	0655	29.94	0.11	1.0
VAR	BZ10945	294	EP	0655	31.37	0.03	1.0
VLK	BZ10948	296	EP	0655	31.61	0.34	1.0
KNL	HZ11033	283	EP	0655	35.23	0.56	1.0
ALBI	BZ11057	293	EP	0655	35.86	0.23	1.0
JBPL	HZ11148	291	EP	0655	39.22	0.02	1.0
BRCH	BZ11167	296	EP	0655	40.40	0.39	1.0
LKN	BZ11202	295	EP	0655	41.63	0.26	1.0
BNDA	BZ11203	293	EP	0655	41.50	0.09	1.0
FRKB	BZ11348	295	EP	0655	47.44	0.20	1.0
JHNI	BZ11363	293	EP	0655	47.67	-0.10	1.0
PTH	BZ11374	297	EP	0655	48.19	-0.02	1.0
GUNA	BZ11454	291	EP	0655	51.38	-0.06	1.0
JOSI	BZ11469	298	EP	0655	52.15	0.12	1.0
KAD	BZ11479	283	EP	0655	52.20	-0.18	1.0
UNCH	BZ11536	295	EP	0655	54.43	-0.32	1.0
ASOR	BZ11566	295	EP	0655	55.86	-0.01	1.0
UTK	BZ11576	298	EP	0655	56.06	-0.20	1.0
BISR	BZ11590	295	EP	0655	56.90	0.06	1.0
HNLY	BZ11602	300	EP	0655	57.56	0.13	1.0
JMIU	BZ11603	295	EP	0655	56.88	-0.51	1.0
LDR	HZ11610	295	EP	0655	57.70	-0.02	1.0
AYAN	BZ11615	295	EP	0655	57.93	0.02	1.0
NDI	HZ11615	295	EP	0655	57.70	-0.20	1.0
NPL	BZ11617	295	EP	0655	57.70	-0.21	1.0
UJWA	BZ11638	295	EP	0655	58.77	-0.01	1.0
JHJR	BZ11661	295	EP	0655	59.76	0.11	1.0
KUDL	HZ11662	294	EP	0655	59.74	-0.03	1.0
BOM	BZ11676	284	EP	0655	59.34	-0.99	1.0
RTK	BZ11701	295	EP	0656	01.10	-0.14	1.0
CGRH	BZ11727	297	EP	0656	02.62	0.29	1.0
BHK	BZ11736	298	EP	0656	02.78	0.06	1.0
SDNR	BZ11743	298	EP	0656	03.36	0.35	1.0
AJM	BZ11775	292	EP	0656	04.35	0.06	1.0
UDPR	BZ11797	290	EP	0656	05.29	0.14	1.0
ALCI	BZ11810	301	EP	0656	05.53	-0.16	1.0
THN	BZ11873	299	EP	0656	08.28	0.08	1.0
BKNR	BZ11964	294	EP	0656	11.85	0.06	1.0
SRGN	BZ11964	296	EP	0656	11.74	-0.09	1.0
JMU	BZ11972	299	EP	0656	12.19	0.05	1.0
SRIN	BZ12015	300	EP	0656	13.94	0.09	1.0
JASL	BZ12145	292	EP	0656	18.37	-0.63	1.0

May	23	2023	Hour: 9: 1 53.0	Lat: 24.94N	Lon: 94.10E	D: 12.3	Ag: NCS	Local							
			Magnitudes: 2.4ML NCS 2.4MW NCS	Rms: 0.2 secs											
STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IMP	SZ	20	233	EP		0901	57.40	0.39							1.0
IMP	SN	20	233	ES		0902	00.01	0.06							1.0
IMP	SE	20	233	IAML		0902	10.59			60	0.3				
KOHI	SZ	87	1	EP		0902	07.95	-0.26							1.0
KOHI	SN	87	1	ES		0902	19.19	-0.12							1.0
KOHI	SN	87	1	IAML		0902	24.22			76	0.7				
KOHI	SE	87	1	IAML		0902	26.97			73	0.4				
MOKO	SZ	159	15	EP		0902	19.27	0.00							1.0
MOKO	SN	159	15	ES		0902	38.82	0.37							1.0
MOKO	SE	159	15	IAML		0902	39.82			95	0.3				
MOKO	SN	159	15	IAML		0902	39.98			96	0.3				
AZL	SZ	195	227	EP		0902	23.36	-0.31							1.0
AZL	SN	195	227	ES		0902	45.99	-0.08							1.0
AZL	SE	195	227	IAML		0902	52.71			62	0.4				
TEZP	SZ	227	325	EP		0902	27.44	-0.10							1.0
TEZP	SN	227	325	ES		0902	52.91	0.15							1.0
TEZP	SN	227	325	IAML		0902	54.08			63	0.2				
GUWA	SZ	279	300	EP		0902	33.81	-0.13							1.0

GUWA	SN	279	300	ES	0903	03.86	0.03										1.0
GUWA	SN	279	300	IAML	0903	05.47				34	0.4						
GUWA	SE	279	300	IAML	0903	05.67				18	0.1						

May 23 2023 Hour: 22:21 56.1 Lat: 29.30N Lon: 81.12E D: 5.7 Ag: NCS Local

Magnitudes: 3.5ML NCS 3.4MW NCS Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PTH	BZ	94	290	EP		2222	12.39	-0.06							1.0
PTH	BE	94	290	ES		2222	24.58	0.18							1.0
PTH	BE	94	290	IAML		2222	25.04			991	0.1				
PTH	BN	94	290	IAML		2222	26.48			632	0.3				
LGTI	BZ	101	276	EP		2222	13.31	-0.34							1.0
LGTI	BN	101	276	ES		2222	26.43	-0.04							1.0
LGTI	BE	101	276	IAML		2222	27.16			511	0.0				
LGTI	BN	101	276	IAML		2222	27.58			343	0.2				
MUKT	HZ	143	277	EP		2222	21.13	0.05							1.0
MUKT	HN	143	277	ES		2222	39.31	-0.03							1.0
MUKT	HN	143	277	IAML		2222	40.12			593	0.8				
MUKT	HE	143	277	IAML		2222	40.23			671	0.8				
JOSI	BZ	205	313	EP		2222	28.96	0.18							1.0
JOSI	BN	205	313	ES		2222	52.89	0.23							1.0
JOSI	BE	205	313	IAML		2222	56.42			1009	1.7				
JOSI	BN	205	313	IAML		2222	56.60			1011	0.7				
UTK	BZ	303	302	EP		2222	40.59	-0.07							1.0
UTK	BN	303	302	ES		2223	13.37	0.17							1.0
UTK	BE	303	302	IAML		2223	14.47			915	0.8				
DDI	HZ	317	292	EP		2222	42.51	0.08							1.0
DDI	HN	317	292	ES		2223	16.25	-0.02							1.0
DDI	HN	317	292	IAML		2223	24.50			798	0.6				
DDI	HE	317	292	IAML		2223	24.75			440	0.2				
VLK	BZ	343	126	EP		2222	45.64	0.01							1.0
VLK	BN	343	126	ES		2223	21.93	0.12							1.0
VLK	BE	343	126	IAML		2223	34.64			284	0.6				
VLK	BN	343	126	IAML		2223	35.28			240	1.1				
NDI	HZ	387	261	EP		2222	51.05	0.02							1.0
NDI	HN	387	261	ES		2223	31.10	-0.04							1.0
NDI	HE	387	261	IAML		2223	49.17			205	0.8				
NDI	HN	387	261	IAML		2223	52.28			162	0.8				
NPL	BZ	392	260	EP		2222	51.51	-0.05							1.0
NPL	BN	392	260	ES		2223	32.25	0.19							1.0
NPL	BE	392	260	IAML		2223	33.65			288	0.2				
NPL	BN	392	260	IAML		2223	34.81			206	0.3				
AYAN	BZ	400	258	EP		2222	52.70	0.05							1.0
AYAN	BN	400	258	ES		2223	34.02	0.08							1.0
AYAN	BN	400	258	IAML		2223	47.14			142	0.4				
AYAN	BE	400	258	IAML		2223	51.47			174	0.8				
SMLA	HZ	431	299	EP		2222	56.37	0.10							1.0
SMLA	HE	431	299	ES		2223	40.36	0.15							1.0
SMLA	HE	431	299	IAML		2223	53.72			225	0.5				
SMLA	HN	431	299	IAML		2223	54.93			240	0.1				
BHK	BZ	464	301	EP		2223	00.51	0.06							1.0
BHK	BN	464	301	ES		2223	45.89	-1.55							1.0
BHK	BN	464	301	IAML		2224	14.32			111	0.7				
BHK	BE	464	301	IAML		2224	17.78			152	0.5				
SDNR	BZ	475	303	EP		2223	02.10	0.39							1.0
SDNR	BN	475	303	ES		2223	49.74	0.12							1.0
SDNR	BE	475	303	IAML		2224	04.96			141	0.6				
SDNR	BN	475	303	IAML		2224	05.31			127	1.0				
JHNI	BZ	493	211	EP		2223	03.96	0.12							1.0
JHNI	BE	493	211	ES		2223	53.06	-0.25							1.0
JHNI	BN	493	211	IAML		2223	55.74			98	0.1				
JHNI	BE	493	211	IAML		2223	56.06			142	0.2				
DHRM	HZ	565	307	EP		2223	12.87	0.13							1.0
DHRM	HN	565	307	ES		2224	08.80	0.09							1.0

DHRM	HN	565	307	IAML	2224	13.01			104	0.2					
DHRM	HE	565	307	IAML	2224	14.90			71	1.2					
AJM	BZ	714	245	EP	2223	31.04	0.11								1.0
AJM	BE	714	245	ES	2224	40.30	0.13								1.0
AJM	BE	714	245	IAML	2224	41.70			27	0.3					
AJM	BN	714	245	IAML	2224	45.16			27	0.2					
BHPL	HZ	766	210	EP	2223	37.35	0.15								1.0
BHPL	HE	766	210	ES	2224	51.10	0.08								1.0
BHPL	HN	766	210	IAML	2224	53.20			94	0.6					
BHPL	HE	766	210	IAML	2224	54.75			116	0.4					
BOKR	HZ	773	141	EP	2223	37.91	-0.20								1.0
BOKR	HN	773	141	ES	2224	52.55	-0.05								1.0
BOKR	HN	773	141	IAML	2224	57.02			26	0.2					
BOKR	HE	773	141	IAML	2224	58.04			28	0.9					
BLSP	BZ	805	172	EP	2223	41.48	-0.47								1.0
BLSP	BE	805	172	ES	2224	59.39	0.16								1.0
BLSP	BE	805	172	IAML	2225	01.08			82	0.2					
BLSP	BN	805	172	IAML	2225	01.22			96	0.3					
UDPR	BZ	902	236	EP	2223	53.84	-0.03								1.0
UDPR	BE	902	236	ES	2225	19.91	0.05								1.0
UDPR	BE	902	236	IAML	2225	26.50			32	0.4					
UDPR	BN	902	236	IAML	2225	27.43			20	1.1					

May 23 2023 Hour: 22:58 46.7 Lat: 36.44N Lon: 71.60E D: 70.0F Ag: NCS Local
Magnitudes: 3.9ML NCS 3.6MW NCS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	502	143	EP		2259	52.47	0.09							1.0
JMU	BN	502	143	ES		2300	40.16	-0.18							1.0
JMU	BE	502	143	IAML		2300	44.17			226	0.4				
JMU	BN	502	143	IAML		2300	45.41			488	1.0				
UDMP	HZ	507	139	EP		2259	52.99	0.09							1.0
UDMP	HN	507	139	ES		2300	41.19	-0.06							1.0
THN	BZ	588	138	EP		2300	02.92	0.11							1.0
THN	BN	588	138	ES		2300	58.44	0.06							1.0
DHRM	HZ	635	136	EP		2300	08.68	0.11							1.0
DHRM	HN	635	136	ES		2301	08.36	0.01							1.0
DHRM	HE	635	136	IAML		2301	12.77			291	0.1				
DHRM	HN	635	136	IAML		2301	12.90			360	0.2				
SDNR	BZ	732	136	EP		2300	20.45	0.11							1.0
SDNR	BN	732	136	ES		2301	28.75	0.05							1.0
SDNR	BN	732	136	IAML		2301	32.66			64	0.6				
SDNR	BE	732	136	IAML		2301	33.56			63	0.1				
SMLA	HZ	783	137	EP		2300	26.64	0.12							1.0
SMLA	HN	783	137	ES		2301	39.35	-0.05							1.0
SMLA	HN	783	137	IAML		2301	43.32			100	0.4				
SMLA	HE	783	137	IAML		2301	44.82			86	0.5				
UTK	BZ	896	133	EP		2300	39.73	-0.63							1.0
UTK	BN	896	133	ES		2302	03.51	0.16							1.0
UTK	BN	896	133	IAML		2302	08.25			88	0.1				
UTK	BE	896	133	IAML		2302	09.16			111	0.4				

May 24 2023 Hour: 3:18 6.0 Lat: 36.52N Lon: 71.07E D: 141.0F Ag: NCS Local
Magnitudes: 3.6ML NCS 3.3MW NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	546	136	EP		0319	17.04	-0.62							1.0
UDMP	HN	546	136	ES		0320	09.56	-0.45							1.0
ALCI	BZ	612	113	EP		0319	26.01	0.45							1.0
ALCI	BN	612	113	ES		0320	23.36	-0.32							1.0
ALCI	BN	612	113	IAML		0320	26.46			47	0.9				
ALCI	BE	612	113	IAML		0320	30.91			55	1.3				
DHRM	HZ	675	133	EP		0319	32.93	-0.26							1.0
DHRM	HN	675	133	ES		0320	36.65	-0.22							1.0
DHRM	HN	675	133	IAML		0320	38.29			203	0.6				
DHRM	HE	675	133	IAML		0320	40.14			217	0.4				

SDNR	BZ	772	134	EP	0319	45.10	0.41										1.0
SDNR	BE	772	134	ES	0320	57.80	1.03										1.0
SDNR	BE	772	134	IAML	0320	59.38			34	0.5							
SDNR	BN	772	134	IAML	0321	00.70			25	0.4							
SMLA	HZ	822	135	EP	0319	50.77	0.05										1.0
SMLA	HN	822	135	ES	0321	07.12	-0.08										1.0
SMLA	HE	822	135	IAML	0321	14.98			51	0.1							

May 24 2023 Hour: 7:52 46.5 Lat: 24.10N Lon: 82.61E D: 10.0F Ag: NCS Local

Magnitudes: 2.9ML NCS 2.7MW NCS		Rms: 0.1 secs													
STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALBI	BN	157	329	ES		0753	31.89	-0.07							1.0
ALBI	BE	157	329	IAML		0753	36.21			91	0.6				
ALBI	BN	157	329	IAML		0753	37.15			67	0.2				
JBPL	HZ	290	250	EP		0753	28.90	-0.12							1.0
JBPL	HN	290	250	ES		0754	00.04	-0.01							1.0
CNWR	HZ	440	240	EP		0753	47.32	-0.06							1.0
CNWR	HN	440	240	ES		0754	31.92	0.11							1.0
CNWR	HE	440	240	IAML		0754	31.97			45	0.0				
CNWR	HN	440	240	IAML		0754	32.03			133	0.0				
ALBI	BZ	157	329	EP		0753	12.94	0.15							1.0

May 24 2023 Hour: 10:50 22.4 Ag: NCS Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THN	BZ			EP		1052	52.78								
THN	BN			ES		1054	42.72								
SDNR	BZ			EP		1053	07.08								
SDNR	BN			ES		1055	08.94								
ALCI	BN			ES		1053	08.91								
DHRM	HZ			EP		1051	10.67								
DHRM	HN			ES		1053	02.99								
ALCI	BZ			EP		1051	48.65								
JMU	BZ			EP		1052	16.43								
JMU	BN			ES		1052	54.09								

May 24 2023 Hour: 15:49 43.1 Lat: 6.57S Lon: 129.14E D:175.0F Ag: NCS Distant

Magnitudes: 5.7MW NCS		Rms: 0.5 secs													
STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SAIH	SZ	5085	310	EP		1557	46.69	0.14							1.0
CMPI	HZ	5122	312	EP		1557	49.92	0.56							1.0
IMP	SZ	5160	314	EP		1557	51.92	0.18							1.0
LKP	SZ	5189	318	EP		1557	53.96	0.13							1.0
AZL	SZ	5190	311	EP		1557	53.12	-0.75							1.0
KOHI	SZ	5208	315	EP		1557	50.30	-4.83							0.2
MOKO	SZ	5218	316	EP		1557	56.07	0.20							1.0
SILR	SZ	5248	313	EP		1557	58.10	0.18							1.0
BELO	SZ	5263	310	EP		1557	59.10	0.18							1.0
AGT	SZ	5320	311	EP		1558	03.07	0.16							1.0
SHL	HZ	5366	313	EP		1558	06.30	0.20							1.0
TEZP	SZ	5372	315	EP		1558	03.86	-2.59							0.8
TURA	SZ	5507	312	EP		1558	15.79	0.07							1.0
TAWA	SZ	5511	315	EP		1558	15.80	-0.22							1.0
DHUB	SZ	5558	312	EP		1558	17.85	-1.29							0.9
SHBG	BZ	5707	310	EP		1558	29.68	0.44							1.0
VISK	HZ	5707	299	EP		1558	29.16	-0.00							1.0
GTK	SZ	5754	313	EP		1558	32.44	0.08							1.0
KNTI	BZ	5817	307	EP		1558	36.84	0.34							1.0
RAJM	HZ	5820	297	EP		1558	36.82	0.16							1.0
KNKR	BZ	5824	296	EP		1558	37.21	0.25							1.0
VJD	BZ	5918	296	EP		1558	43.35	0.17							1.0
SALM	BZ	5994	290	EP		1558	48.22	0.06							1.0
STMR	BZ	5997	310	EP		1558	48.58	0.27							1.0
CHT	HZ	6036	287	EP		1558	50.73	-0.08							1.0
VAR	BZ	6112	307	EP		1558	55.97	0.26							1.0

KNL	HZ	6150	294	EP	1558	58.25	0.03	1.0
VLK	BZ	6151	310	EP	1558	58.56	0.27	1.0
BLRY	HZ	6307	293	EP	1559	08.07	-0.08	1.0
CNWR	HZ	6323	302	EP	1559	09.30	0.02	1.0
MNGI	BZ	6376	290	EP	1559	12.52	-0.05	1.0
LKN	BZ	6377	308	EP	1559	12.81	0.19	1.0
SLPR	HZ	6434	296	EP	1559	16.16	-0.08	1.0
SUPA	HZ	6488	292	EP	1559	19.49	-0.14	1.0
PTH	BZ	6585	310	EP	1559	25.69	0.06	1.0
GWAL	HZ	6587	306	EP	1559	25.73	0.02	1.0
KAD	BZ	6595	294	EP	1559	26.09	-0.09	1.0
MUKT	HZ	6625	310	EP	1559	28.49	0.07	1.0
FBD	HZ	6774	308	EP	1559	37.24	0.04	1.0
LDR	HZ	6791	308	EP	1559	38.25	0.03	1.0
UTK	BZ	6795	310	EP	1559	38.46	0.03	1.0
NDI	HZ	6796	308	EP	1559	38.61	0.04	1.0
NPL	BZ	6797	308	EP	1559	38.60	0.03	1.0
NRLA	BZ	6815	308	EP	1559	39.75	0.06	1.0
UJWA	BZ	6816	308	EP	1559	39.77	0.04	1.0
RTK	BZ	6883	308	EP	1559	43.65	-0.05	1.0
UDPR	BZ	6925	302	EP	1559	46.24	-0.02	1.0
SDNR	BZ	6967	311	EP	1559	48.79	-0.01	1.0
THN	BZ	7106	311	EP	1559	57.00	-0.00	1.0
SRGN	BZ	7147	308	EP	1559	59.36	-0.04	1.0
UDMP	HZ	7187	311	EP	1600	01.52	-0.17	1.0
SRIN	BZ	7271	312	EP	1600	06.49	-0.13	1.0

May 25 2023 Hour: 3: 5 40.4

Ag: NCS Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AURD	HZ			EP		0325	05.95								
SRIN	BZ			EP		0324	51.70								
ALCI	BZ			EP		0324	53.97								
JMU	BZ			EP		0324	53.86								
UDMP	HZ			EP		0324	53.79								
THN	BZ			EP		0324	55.40								
SRGN	BZ			EP		0324	57.17								
SDNR	BZ			EP		0324	57.83								
BHK	BZ			EP		0324	58.02								
JASL	BZ			EP		0324	57.84								
CGRH	BZ			EP		0324	58.64								
BKNR	BZ			EP		0324	58.87								
BARM	HZ			EP		0324	59.76								
UTK	BZ			EP		0325	00.38								
CHUR	HZ			EP		0325	00.34								
RTK	BZ			EP		0325	01.03								
JODH	HZ			EP		0325	01.01								
JOSI	BZ			EP		0325	01.54								
NRLA	BZ			EP		0325	02.00								
UJWA	BZ			EP		0325	02.17								
NDI	HZ			EP		0325	02.37								
NPL	BZ			EP		0325	02.33								
MERT	BZ			EP		0325	02.41								
KUDL	HZ			EP		0325	02.42								
LDR	HZ			EP		0325	02.54								
AYAN	BZ			EP		0325	02.49								
JMIU	BZ			EP		0325	02.41								
BISR	BZ			EP		0325	02.64								
ASOR	BZ			EP		0325	02.59								
FBD	HZ			EP		0325	02.66								
AJM	BZ			EP		0325	02.80								
MUKT	HZ			EP		0325	03.52								
UNCH	BZ			EP		0325	03.63								
PTH	BZ			EP		0325	03.77								
UDPR	BZ			EP		0325	04.28								

BHV	BZ	EP	0325	05.85
FRKB	BZ	EP	0325	06.47
GWAL	HZ	EP	0325	06.68
BRCH	BZ	EP	0325	08.06
GUNA	BZ	EP	0325	08.17
JHNI	BZ	EP	0325	08.27
LKN	BZ	EP	0325	08.72
PALG	HZ	EP	0325	08.78
INDR	HZ	EP	0325	09.31
BNDA	BZ	EP	0325	10.00
VLK	BZ	EP	0325	10.22
NASK	HZ	EP	0325	09.89
BOM	BZ	EP	0325	10.15
STMR	BZ	EP	0325	12.28
VAR	BZ	EP	0325	12.66
JBPL	HZ	EP	0325	12.62
GTK	SZ	EP	0325	12.73
CNWR	HZ	EP	0325	13.33
KAD	BZ	EP	0325	13.80
TAWA	SZ	EP	0325	13.92
JPG	BZ	EP	0325	14.85
COBR	BZ	EP	0325	15.54
JMUI	BZ	EP	0325	15.72
ITAN	SZ	EP	0325	15.48
SHBG	BZ	EP	0325	16.46
DHUB	SZ	EP	0325	15.48
LKP	SZ	EP	0325	15.96
TEZP	SZ	EP	0325	15.96
BLSP	BZ	EP	0325	16.57
GUWA	SZ	EP	0325	16.20
KNTI	BZ	EP	0325	17.18
TURA	SZ	EP	0325	16.44
MOKO	SZ	EP	0325	17.28
SHL	HZ	EP	0325	17.40
KOHI	SZ	EP	0325	18.11
BLRY	HZ	EP	0325	18.59
SILR	SZ	EP	0325	19.43
MNGI	BZ	EP	0325	19.05
IMP	SZ	EP	0325	20.15
AGT	SZ	EP	0325	20.63
KNL	HZ	EP	0325	20.75
JGDP	HZ	EP	0325	21.29
CAL	BZ	EP	0325	20.94
AZL	SZ	EP	0325	20.63
ATP	HZ	EP	0325	20.98
BELO	SZ	EP	0325	20.75
KDGU	HZ	EP	0325	21.08
RAGD	BZ	EP	0325	21.87
CMPI	HZ	EP	0325	22.37
BWNR	BZ	EP	0325	22.51
VJD	BZ	EP	0325	22.33
SAIH	SZ	EP	0325	22.78
VISK	HZ	EP	0325	22.42
KOCH	HZ	EP	0325	24.08
SALM	BZ	EP	0325	24.94
KOD	BZ	EP	0325	25.45
CHT	HZ	EP	0325	25.20

May 25 2023 Hour: 5:30 23.6 Lat: 36.44N Lon: 71.58E D: 98.0F Ag: NCS Local
 Magnitudes: 3.8ML NCS 3.9MW NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	504	143	EP		0531	30.07	0.17							1.0
JMU	BN	504	143	ES		0532	18.06	-0.20							1.0
JMU	BE	504	143	IAML		0532	33.58			304	0.3				
JMU	BN	504	143	IAML		0532	33.92			336	0.4				
UDMP	HZ	509	139	EP		0531	30.07	-0.36							1.0
UDMP	HN	509	139	ES		0532	18.89	-0.29							1.0
ALCI	BZ	567	114	EP		0531	37.51	0.04							1.0
ALCI	BN	567	114	ES		0532	31.30	-0.06							1.0
ALCI	BE	567	114	IAML		0532	46.05			59	0.3				
ALCI	BN	567	114	IAML		0532	46.79			58	0.5				
THN	BZ	590	138	EP		0531	40.82	0.55							1.0
THN	BN	590	138	ES		0532	37.10	0.90							1.0
DHRM	HZ	637	136	EP		0531	45.79	-0.18							1.0
DHRM	HN	637	136	ES		0532	45.37	-0.70							1.0
DHRM	HE	637	136	IAML		0532	59.94			328	0.6				
DHRM	HN	637	136	IAML		0532	59.96			276	0.4				
SDNR	BZ	734	136	EP		0531	58.20	0.61							1.0
SDNR	BN	734	136	ES		0533	06.06	-0.11							1.0
SDNR	BN	734	136	IAML		0533	19.75			51	0.3				
SDNR	BE	734	136	IAML		0533	20.18			43	0.4				
SMLA	HZ	785	137	EP		0532	03.17	-0.52							1.0
SMLA	HN	785	137	ES		0533	16.82	0.10							1.0
SMLA	HE	785	137	IAML		0533	30.05			89	0.2				
UTK	BZ	898	133	EP		0532	17.06	-0.32							1.0
UTK	BN	898	133	ES		0533	40.76	0.36							1.0
UTK	BE	898	133	IAML		0533	56.57			115	0.4				

May 25 2023 Hour: 12:50 38.6 Lat: 29.86N Lon: 94.98E D: 10.0F Ag: NCS Local
 Magnitudes: 3.5ML NCS 3.4MW NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TAWA	SZ	395	231	EP		1251	34.07	0.18							1.0
TAWA	SE	395	231	ES		1252	14.18	-0.06							1.0
TAWA	SE	395	231	IAML		1252	32.47			261	0.7				
MOKO	SZ	395	187	EP		1251	34.17	0.14							1.0
MOKO	SE	395	187	ES		1252	14.89	0.40							1.0
MOKO	SN	395	187	IAML		1252	22.69			266	0.5				
MOKO	SE	395	187	IAML		1252	23.08			234	0.3				
TEZP	SZ	418	211	EP		1251	36.96	0.20							1.0
TEZP	SN	418	211	ES		1252	19.11	-0.11							1.0
TEZP	SN	418	211	IAML		1252	28.35			197	0.2				
KOHI	SZ	467	191	EP		1251	43.01	0.25							1.0
KOHI	SN	467	191	ES		1252	29.68	0.08							1.0
KOHI	SE	467	191	IAML		1252	46.92			182	0.5				
KOHI	SN	467	191	IAML		1252	53.31			263	0.4				
SHL	HZ	560	212	EP		1251	54.20	0.11							1.0
SHL	HN	560	212	ES		1252	49.60	0.41							1.0
SHL	HN	560	212	IAML		1253	08.65			113	0.2				
SHL	HE	560	212	IAML		1253	10.09			77	0.6				
AZL	SZ	716	199	EP		1252	12.15	-0.96							1.0
AZL	SE	716	199	ES		1253	21.47	-0.64							1.0
AZL	SE	716	199	IAML		1253	28.69			25	0.4				
AZL	SN	716	199	IAML		1253	29.65			19	0.5				

May 25 2023 Hour: 13: 9 54.2 Lat: 22.98N Lon: 70.51E D: 14.2 Ag: NCS Local
 Magnitudes: 2.7ML NCS 2.9MW NCS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHUJ	HZ	93	289	EP		1310	10.51	0.02							1.0
BHUJ	HE	93	289	ES		1310	22.38	-0.01							1.0
BHUJ	HN	93	289	IAML		1310	33.21			232	0.1				
BHUJ	HE	93	289	IAML		1310	34.14			216	0.1				

BHV	BZ	217	129	EP	1310	27.43	0.23										1.0
BHV	BN	217	129	ES	1310	51.17	-0.13										1.0
BHV	BN	217	129	IAML	1311	22.63				56	0.5						
BHV	BE	217	129	IAML	1311	23.00				62	0.4						
UDPR	BZ	371	61	EP	1310	45.83	-0.25										1.0
UDPR	BN	371	61	ES	1311	24.12	0.15										1.0

May 25 2023 Hour: 18:25 35.7 Lat: 36.65N Lon: 71.37E D: 24.0F Ag: NCS Local
Magnitudes: 3.3ML NCS 3.2MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	538	139	EP		1826	46.95	0.04							1.0
UDMP	HN	538	139	ES		1827	38.90	-0.02							1.0
DHRM	HZ	666	136	EP		1827	02.71	0.11							1.0
DHRM	HN	666	136	ES		1828	06.11	0.04							1.0
DHRM	HN	666	136	IAML		1828	10.90			102	0.4				
DHRM	HE	666	136	IAML		1828	11.12			63	0.4				
SDNR	BZ	763	136	EP		1827	14.17	-0.21							1.0
SDNR	BE	763	136	ES		1828	26.39	-0.06							1.0
SDNR	BN	763	136	IAML		1828	28.53			10	0.2				
SDNR	BE	763	136	IAML		1828	28.85			15	0.2				
SMLA	HZ	814	137	EP		1827	20.63	0.06							1.0
SMLA	HN	814	137	ES		1828	37.19	0.04							1.0
SMLA	HE	814	137	IAML		1828	41.22			37	0.3				

May 25 2023 Hour: 22:37 51.4 Lat: 1.62N Lon: 97.57E D: 10.0F Ag: NCS Regional
Magnitudes: 3.9MW NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SAIH	SZ	2361	348	EP		2242	36.41	-1.22							1.0
AZL	SZ	2503	348	EP		2242	51.72	0.48							1.0
IMP	SZ	2598	352	EP		2243	01.04	0.86							1.0
KOHI	SZ	2693	352	EP		2243	08.26	-0.03							1.0
SHL	HZ	2717	348	EP		2243	10.09	-0.17							1.0
MOKO	SZ	2753	353	EP		2243	12.85	-0.43							1.0
LKP	SZ	2852	356	EP		2243	21.11	-0.15							1.0
TAWA	SZ	2938	349	EP		2243	28.92	0.60							1.0

May 26 2023 Hour: 2:34 58.2 Lat: 37.90N Lon: 73.71E D: 50.0F Ag: NCS Local
Magnitudes: 4.0ML NCS 4.1MW NCS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	438	167	EP		0235	56.02	0.07							1.0
SRIN	BN	438	167	ES		0236	38.19	0.08							1.0
SRIN	BE	438	167	IAML		0236	54.13			1063	1.0				
SRIN	BN	438	167	IAML		0236	54.21			634	0.6				
ALCI	BZ	515	142	EP		0236	05.41	0.09							1.0
ALCI	BN	515	142	ES		0236	54.54	0.23							1.0
ALCI	BE	515	142	IAML		0237	03.06			100	1.1				
UDMP	HZ	568	166	EP		0236	11.76	0.04							1.0
UDMP	HN	568	166	ES		0237	05.42	0.03							1.0
JMU	BZ	577	169	EP		0236	12.79	-0.09							1.0
JMU	BN	577	169	ES		0237	07.49	0.10							1.0
JMU	BN	577	169	IAML		0237	09.57			600	0.4				
JMU	BE	577	169	IAML		0237	09.94			656	0.8				
THN	BZ	635	162	EP		0236	20.05	0.11							1.0
THN	BN	635	162	ES		0237	19.53	-0.08							1.0
DHRM	HZ	670	159	EP		0236	24.31	0.04							1.0
DHRM	HE	670	159	ES		0237	27.12	0.02							1.0
DHRM	HE	670	159	IAML		0237	31.97			175	1.3				
DHRM	HN	670	159	IAML		0237	32.96			221	0.5				
HNLY	BZ	742	138	EP		0236	33.17	0.05							1.0
HNLY	BN	742	138	ES		0237	42.50	0.10							1.0
SMLA	HZ	815	156	EP		0236	42.04	0.10							1.0
SMLA	HE	815	156	IAML		0238	01.59			218	0.7				
SMLA	HN	815	156	IAML		0238	02.38			142	0.6				
UTK	BZ	906	150	EP		0236	53.14	0.10							1.0

UTK	BN	906	150	ES	0238	16.88	0.01										1.0
UTK	BE	906	150	IAML	0238	23.67			161	0.8							
JOSI	BZ	976	145	EP	0237	01.48	-0.08										1.0
JOSI	BN	976	145	ES	0238	31.02	-0.59										1.0
JOSI	BE	976	145	IAML	0238	38.25			92	1.0							
JOSI	BN	976	145	IAML	0238	38.93			106	0.9							
MUKT	HZ	1086	148	EP	0237	15.40	0.12										1.0
MUKT	HN	1086	148	IAML	0238	59.89			56	1.1							
MUKT	HE	1086	148	IAML	0239	03.55			49	1.4							
KUDL	HZ	1113	166	EP	0237	17.76	-0.50										1.0
KUDL	HN	1113	166	ES	0239	00.54	0.03										1.0
KUDL	HN	1113	166	IAML	0239	04.24			27	0.5							
KUDL	HE	1113	166	IAML	0239	09.47			28	0.7							
SONA	BZ	1115	163	EP	0237	18.43	-0.07										1.0
SONA	BN	1115	163	ES	0239	01.01	0.09										1.0

May 26 2023 Hour: 8: 8 19.3 Lat: 39.19N Lon: 75.43E D:150.0F Ag: NCS Local
Magnitudes: 4.0ML NCS 4.1MW NCS Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	574	164	EP		0809	34.65	0.03							1.0
ALCI	BN	574	164	ES		0810	29.68	0.08							1.0
ALCI	BN	574	164	IAML		0810	40.13			53	0.3				
ALCI	BE	574	164	IAML		0810	44.74			58	0.3				
UDMP	HZ	697	182	EP		0809	49.45	0.25							1.0
UDMP	HN	697	182	ES		0810	55.01	0.18							1.0
JMU	BZ	713	185	EP		0809	51.51	0.32							1.0
JMU	BN	713	185	IAML		0811	13.65			299	0.5				
JMU	BE	713	185	IAML		0811	14.08			295	0.6				
THN	BZ	750	177	EP		0809	55.43	-0.10							1.0
THN	BN	750	177	ES		0811	05.55	-0.23							1.0
DHRM	HZ	774	174	EP		0809	58.08	-0.43							1.0
DHRM	HN	774	174	ES		0811	10.35	-0.59							1.0
DHRM	HN	774	174	IAML		0811	15.73			188	0.6				
DHRM	HE	774	174	IAML		0811	16.64			267	0.8				
BHK	BZ	876	171	EP		0810	10.67	0.04							1.0
BHK	BN	876	171	ES		0811	32.24	0.33							1.0
BHK	BN	876	171	IAML		0811	40.12			119	0.6				
BHK	BE	876	171	IAML		0811	42.27			96	0.3				
SMLA	HZ	908	169	EP		0810	14.53	0.04							1.0
SMLA	HE	908	169	ES		0811	38.62	0.04							1.0
SMLA	HN	908	169	IAML		0811	45.47			61	0.9				
SMLA	HE	908	169	IAML		0811	47.78			105	1.1				
UTK	BZ	978	163	EP		0810	22.65	-0.17							1.0
UTK	BN	978	163	ES		0811	53.21	0.21							1.0
UTK	BE	978	163	IAML		0811	59.17			152	0.4				
UTK	BN	978	163	IAML		0812	01.73			189	0.9				

May 26 2023 Hour: 10: 3 30.9 Lat: 35.44N Lon: 140.61E D: 65.0F Ag: NCS Distant
Magnitudes: 5.9MW NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKP	SZ	4314	271	EP		1010	49.42	0.13							1.0
MOKO	SZ	4480	270	EP		1010	59.88	-1.93							0.9
ITAN	SZ	4515	272	EP		1011	04.18	-0.18							1.0
KOHI	SZ	4545	269	EP		1011	06.61	0.01							1.0
IMP	SZ	4602	268	EP		1011	10.88	0.09							1.0
TEZP	SZ	4622	271	EP		1011	12.27	0.05							1.0
TAWA	SZ	4663	273	EP		1011	15.45	0.18							1.0
SILR	SZ	4708	269	EP		1011	18.58	0.01							1.0
GUWA	SZ	4742	271	EP		1011	19.07	-2.03							0.9
SHL	HZ	4744	270	EP		1011	21.39	0.15							1.0
AZL	SZ	4770	268	EP		1011	23.17	0.02							1.0
SAIH	SZ	4807	266	EP		1011	25.97	0.07							1.0
AGT	SZ	4894	269	EP		1011	32.12	0.02							1.0
DHUB	SZ	4904	272	EP		1011	32.81	0.05							1.0

TURA	SZ	4907	271	EP	1011	33.13	0.13	1.0
BELO	SZ	4908	268	EP	1011	33.16	0.08	1.0
COBR	BZ	4940	273	EP	1011	35.64	0.30	1.0
GTK	SZ	4971	275	EP	1011	37.75	0.13	1.0
JPG	BZ	4997	274	EP	1011	39.75	0.35	1.0
SHBG	BZ	5156	272	EP	1011	50.88	0.09	1.0
CAL	BZ	5227	269	EP	1011	56.04	0.27	1.0
JMUI	BZ	5298	273	EP	1012	00.91	0.23	1.0
STMR	BZ	5298	276	EP	1012	00.95	0.26	1.0
DGPR	HZ	5362	255	EP	1012	05.24	-0.03	0.0
BOKR	HZ	5385	272	EP	1012	06.90	0.07	1.0
VLK	BZ	5388	277	EP	1012	07.09	0.13	1.0
KNTI	BZ	5450	272	EP	1012	11.53	0.25	1.0
VAR	BZ	5575	275	EP	1012	19.96	0.21	1.0
BWNR	BZ	5577	268	EP	1012	20.33	0.28	1.0
BRCH	BZ	5591	278	EP	1012	21.10	0.18	1.0
HNLY	BZ	5601	286	EP	1012	21.79	0.23	1.0
PTH	BZ	5626	281	EP	1012	23.41	0.21	1.0
JOSI	BZ	5641	283	EP	1012	24.43	0.18	1.0
LGTI	BZ	5645	281	EP	1012	24.80	0.25	1.0
ALBI	BZ	5679	276	EP	1012	27.09	0.15	1.0
LKN	BZ	5693	278	EP	1012	28.00	0.19	1.0
ALCI	BZ	5700	288	EP	1012	28.45	0.26	1.0
UTK	BZ	5732	284	EP	1012	30.55	0.20	1.0
FRKB	BZ	5781	279	EP	1012	33.99	0.25	1.0
DDI	HZ	5784	283	EP	1012	33.92	0.06	1.0
BNDA	BZ	5804	277	EP	1012	35.51	0.21	1.0
BLSP	BZ	5809	272	EP	1012	35.78	0.17	1.0
SMLA	HZ	5827	285	EP	1012	36.74	0.03	1.0
SDNR	BZ	5833	285	EP	1012	37.33	0.20	1.0
BHK	BZ	5836	285	EP	1012	37.44	0.06	1.0
DHRM	HZ	5855	286	EP	1012	38.67	0.01	1.0
MERT	BZ	5873	282	EP	1012	40.02	0.18	1.0
CGRH	BZ	5879	284	EP	1012	39.80	-0.38	1.0
ASOR	BZ	5880	282	EP	1012	40.49	0.25	1.0
UNCH	BZ	5887	281	EP	1012	41.01	0.21	1.0
THN	BZ	5891	287	EP	1012	41.14	0.15	1.0
SRIN	BZ	5911	289	EP	1012	42.37	0.06	1.0
BISR	BZ	5918	281	EP	1012	42.99	0.22	1.0
UDMP	HZ	5930	287	EP	1012	40.05	-3.49	0.6
JMIU	BZ	5931	282	EP	1012	43.83	0.20	1.0
NDI	HZ	5933	282	EP	1012	43.92	0.11	1.0
NRLA	BZ	5935	282	EP	1012	44.10	0.12	1.0
FBD	HZ	5936	281	EP	1012	42.08	-1.94	0.9
LDR	HZ	5937	282	EP	1012	44.15	0.08	1.0
NPL	BZ	5938	282	EP	1012	44.13	0.01	1.0
VISK	HZ	5945	266	EP	1012	44.67	0.01	1.0
AYAN	BZ	5950	282	EP	1012	45.08	0.14	1.0
GWAL	HZ	5961	278	EP	1012	38.03	-7.62	0.0
JMU	BZ	5961	287	EP	1012	45.80	0.16	1.0
JHNI	BZ	5961	277	EP	1012	45.84	0.24	1.0
UJWA	BZ	5964	282	EP	1012	46.00	0.12	1.0
SONA	BZ	5966	281	EP	1012	46.03	0.10	1.0
RTK	BZ	5987	282	EP	1012	47.47	0.16	1.0
KUDL	HZ	6022	281	EP	1012	49.84	0.16	1.0
CNWR	HZ	6105	274	EP	1012	54.22	-0.98	1.0
GUNA	BZ	6116	277	EP	1012	56.05	0.21	1.0
CHUR	HZ	6151	282	EP	1012	56.24	-1.81	0.9
SRGN	BZ	6170	285	EP	1012	59.41	0.15	1.0
BHPL	HZ	6180	276	EP	1012	59.95	-0.01	1.0
VJD	BZ	6258	267	EP	1013	05.22	0.17	1.0
AJM	BZ	6270	280	EP	1013	05.97	0.19	1.0
BKNR	BZ	6304	283	EP	1013	08.03	0.12	1.0
HYB	HZ	6396	269	EP	1013	13.88	-0.00	1.0

JODH	HZ	6420	281	EP	1013	14.46-0.81	1.0
UDPR	BZ	6445	279	EP	1013	16.97 0.07	1.0
MDRS	HZ	6511	264	EP	1013	21.02-0.03	1.0
KNL	HZ	6539	268	EP	1013	22.56-0.29	1.0
JASL	BZ	6577	283	EP	1013	25.21 0.11	1.0
BLRY	HZ	6723	268	EP	1013	32.68-1.53	0.9
BHV	BZ	6735	277	EP	1013	35.02 0.07	1.0
POO	HZ	6759	273	EP	1013	36.40-0.04	1.0
SALM	BZ	6775	264	EP	1013	37.52-0.01	1.0
KAD	BZ	6799	271	EP	1013	38.89 0.04	1.0
BOM	BZ	6833	274	EP	1013	41.10 0.12	1.0
BHUJ	HZ	6878	280	EP	1013	43.62-0.06	1.0
KOD	BZ	6926	263	EP	1013	46.73 0.04	1.0
GOA	HZ	6937	270	EP	1013	47.17-0.06	1.0
CHT	HZ	6975	262	EP	1013	50.90 1.33	0.9
MNGI	BZ	6997	267	EP	1013	50.91 0.01	1.0
TRVM	HZ	7081	261	EP	1013	55.65-0.23	1.0

May 26 2023 Hour: 22:45 59.1 Lat: 26.99N Lon: 89.14E D: 5.2 Ag: NCS Local
Magnitudes: 3.1ML NCS 2.9MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GTK	SZ	64	305	EP		2246	10.31	0.01							1.0
GTK	SN	64	305	ES		2246	18.47	-0.04							1.0
GTK	SE	64	305	IAML		2246	19.56		343	0.5					
GTK	SN	64	305	IAML		2246	20.56		199	0.3					
DHUB	SZ	137	141	EP		2246	22.73	-0.09							1.0
TAWA	SZ	278	75	EP		2246	40.83	0.07							1.0
TAWA	SN	278	75	ES		2247	11.17	-0.03							1.0
TAWA	SE	278	75	IAML		2247	12.09		830	0.9					
TAWA	SN	278	75	IAML		2247	12.88		471	0.2					
SHL	HZ	326	118	EP		2246	46.54	0.02							1.0
SHL	HN	326	118	ES		2247	20.77	-0.39							1.0
SHL	HE	326	118	ES		2247	21.29	0.13							1.0
SHL	HE	326	118	IAML		2247	25.74		225	0.4					
SHL	HN	326	118	IAML		2247	26.70		245	0.8					
TEZP	SZ	366	96	EP		2246	51.56	0.10							1.0
TEZP	SN	366	96	ES		2247	29.80	0.09							1.0
TEZP	SN	366	96	IAML		2247	40.07		259	0.2					
AZL	SZ	507	134	EP		2247	08.77	0.04							1.0
AZL	SN	507	134	ES		2247	59.72	0.14							1.0
AZL	SE	507	134	IAML		2248	02.80		18	0.3					
AZL	SN	507	134	IAML		2248	02.92		10	0.5					
KOHI	SZ	516	105	EP		2247	09.72	-0.04							1.0
KOHI	SN	516	105	ES		2248	01.27	-0.09							1.0
KOHI	SN	516	105	IAML		2248	16.57		41	0.6					
KOHI	SE	516	105	IAML		2248	17.98		42	0.5					
MOKO	SZ	541	97	EP		2247	12.82	-0.01							1.0
MOKO	SN	541	97	ES		2248	06.70	0.02							1.0
MOKO	SN	541	97	IAML		2248	08.41		21	0.4					
MOKO	SE	541	97	IAML		2248	10.02		21	0.6					
SAIH	SZ	632	141	EP		2247	24.06	0.03							1.0
SAIH	SN	632	141	ES		2248	26.08	0.02							1.0
SAIH	SE	632	141	IAML		2248	27.18		16	0.3					
SAIH	SN	632	141	IAML		2248	28.49		11	0.4					

May 27 2023 Hour: 2:11 9.8 Lat: 22.92N Lon: 93.51E D: 16.3 Ag: NCS Local
Magnitudes: 2.2ML NCS 2.5MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SAIH	SZ	72	228	EP		0211	22.74	0.02							1.0
SAIH	SN	72	228	ES		0211	32.10	-0.01							1.0
SAIH	SN	72	228	IAML		0211	44.40		58	0.2					
SAIH	SE	72	228	IAML		0211	45.76		78						
AZL	SZ	123	317	EP		0211	30.63	0.06							1.0
AZL	SN	123	317	ES		0211	45.66	-0.04							1.0

AZL	SN	123	317	IAML	0211	52.68		16	1.0	
AZL	SE	123	317	IAML	0211	55.05		20	0.4	
SHL	HZ	331	333	EP	0211	56.50-0.08				1.0
SHL	HN	331	333	ES	0212	30.75 0.05				1.0
SHL	HN	331	333	IAML	0212	34.55		36	0.6	
SHL	HE	331	333	IAML	0212	35.35		33	0.3	

May 27 2023 Hour: 11:45 57.0 Lat: 20.05N Lon: 72.85E D: 7.8 Ag: NCS Local
 Magnitudes: 3.1ML NCS 2.9MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PALG	HZ	6	108	EP		1145	58.83	0.02							1.0
PALG	HE	6	108	ES		1146	00.12	0.02							1.0
PALG	HN	6	108	ES		1146	00.17	0.07							1.0
PALG	HN	6	108	IAML		1146	00.87		28496	0.1					
PALG	HE	6	108	IAML		1146	00.94		35024	0.2					
NASK	HZ	99	91	EP		1146	14.34	0.09							1.0
NASK	HE	99	91	ES		1146	26.71-0.11								1.0
NASK	HN	99	91	IAML		1146	27.79		155	0.2					
NASK	HE	99	91	IAML		1146	27.94		239	0.4					
BOM	BZ	128	182	EP		1146	19.27	0.02							1.0
BOM	BN	128	182	ES		1146	35.41-0.06								1.0
BOM	BN	128	182	IAML		1146	37.63		269	0.2					
P00	HZ	198	148	EP		1146	28.56-0.05								1.0
P00	HN	198	148	ES		1146	51.56-0.09								1.0
P00	HN	198	148	IAML		1146	52.85		185	0.1					
P00	HE	198	148	IAML		1146	53.19		245	0.4					
BHV	BZ	202	339	EP		1146	28.71-0.31								1.0
BHV	BN	202	339	ES		1146	52.61 0.23								1.0
BHV	BN	202	339	IAML		1146	55.94		107	0.6					
BHV	BE	202	339	IAML		1146	57.69		111	0.4					
KAD	BZ	335	155	EP		1146	45.19-0.05								1.0
KAD	BN	335	155	ES		1147	20.66 0.23								1.0
KAD	BN	335	155	IAML		1147	31.89		32	1.0					
KAD	BE	335	155	IAML		1147	31.93		80	0.8					

May 27 2023 Hour: 11:58 2.6 Lat: 20.03N Lon: 72.94E D: 5.0F Ag: NCS Local
 Magnitudes: 3.4ML NCS 2.9MW NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PALG	HZ	3	292	EP		1158	02.03-1.60								1.0
PALG	HN	3	292	ES		1158	03.41-0.97								1.0
PALG	HE	3	292	IAML		1158	03.82		76402	0.3					
PALG	HN	3	292	IAML		1158	03.90		48517	0.1					
NASK	HZ	90	90	EP		1158	18.08-0.19								1.0
NASK	HE	90	90	ES		1158	29.35-0.35								1.0
NASK	HN	90	90	IAML		1158	30.49		421	0.4					
NASK	HE	90	90	IAML		1158	33.60		293	0.6					
BOM	BZ	126	186	EP		1158	25.09 0.63								1.0
BOM	BN	126	186	ES		1158	40.62 0.21								1.0
BOM	BN	126	186	IAML		1158	41.08		685	0.2					
P00	HZ	191	150	EP		1158	33.39-0.26								1.0
P00	HN	191	150	ES		1158	55.81-0.50								1.0
P00	HN	191	150	IAML		1158	57.13		446	0.2					
P00	HE	191	150	IAML		1158	57.48		603	0.4					
BHV	BZ	208	337	EP		1158	36.66 0.97								1.0
BHV	BN	208	337	ES		1159	00.72 0.88								1.0
BHV	BN	208	337	IAML		1159	01.15		200	0.3					
BHV	BE	208	337	IAML		1159	01.51		202	0.6					
KAD	BZ	328	156	EP		1158	50.37-0.01								1.0
KAD	BN	328	156	ES		1159	25.70 0.45								1.0
KAD	BN	328	156	IAML		1159	37.35		116	0.3					
KAD	BE	328	156	IAML		1159	37.40		290	0.3					
BHPL	HZ	585	52	EP		1159	22.34 0.58								1.0
BHPL	HE	585	52	ES		1200	19.27-0.26								1.0
BHPL	HN	585	52	IAML		1200	44.57		56	0.6					

BHPL	HE	585	52	IAML	1200	46.04			56	1.0	
HYB	HZ	659	115	EP	1159	31.19	0.41				1.0
HYB	HN	659	115	ES	1200	35.16	0.01				1.0
HYB	HN	659	115	IAML	1201	06.30		107	0.9		
HYB	HE	659	115	IAML	1201	07.94		100	0.5		

May 27 2023 Hour: 17:24 20.6 Lat: 38.16N Lon: 73.37E D: 90.0F Ag: NCS Local

Magnitudes: 3.9ML NCS 3.8MW NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	603	164	EP		1725	39.01	0.33							1.0
UDMP	HN	603	164	ES		1726	35.63	-0.06							1.0
JMU	BZ	611	167	EP		1725	39.84	0.15							1.0
JMU	BN	611	167	ES		1726	37.13	-0.31							1.0
JMU	BN	611	167	IAML		1726	40.51		136	0.7					
JMU	BE	611	167	IAML		1726	40.76		171	0.3					
THN	BZ	672	160	EP		1725	47.44	0.38							1.0
THN	BN	672	160	ES		1726	50.29	0.11							1.0
DHRM	HZ	708	157	EP		1725	51.51	0.01							1.0
DHRM	HN	708	157	ES		1726	57.76	-0.11							1.0
DHRM	HE	708	157	IAML		1727	00.75		96	0.6					
DHRM	HN	708	157	IAML		1727	02.42		139	0.5					
SMLA	HZ	854	155	EP		1726	08.12	-0.99							1.0
SMLA	HN	854	155	ES		1727	28.77	0.43							1.0
SMLA	HE	854	155	IAML		1727	31.25		91	0.3					
SMLA	HN	854	155	IAML		1727	31.36		80	0.4					
UTK	BZ	946	149	EP		1726	20.35	0.13							1.0
UTK	BN	946	149	ES		1727	47.49	-0.07							1.0
UTK	BE	946	149	IAML		1727	49.72		90	0.5					
UTK	BN	946	149	IAML		1727	49.75		91	0.4					

May 27 2023 Hour: 18:48 56.6 Lat: 27.19N Lon: 92.63E D: 5.0F Ag: NCS Local

Magnitudes: 2.9ML NCS 2.8MW NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TEZP	SZ	65	165	EP		1849	07.05	-0.86							1.0
TEZP	SN	65	165	ES		1849	15.26	-0.91							1.0
TEZP	SN	65	165	IAML		1849	17.55		359	0.1					
TAWA	SZ	88	301	EP		1849	11.39	-0.48							1.0
TAWA	SN	88	301	ES		1849	22.69	-0.33							1.0
TAWA	SE	88	301	IAML		1849	28.13		546	0.1					
TAWA	SN	88	301	IAML		1849	28.23		492	0.1					
SHL	HZ	191	200	EP		1849	27.98	0.37							1.0
SHL	HN	191	200	ES		1849	50.72	0.48							1.0
SHL	HN	191	200	IAML		1849	51.33		326	0.3					
SHL	HE	191	200	IAML		1849	52.10		238	0.4					
MOKO	SZ	210	117	EP		1849	30.21	0.13							1.0
MOKO	SN	210	117	ES		1849	54.49	-0.03							1.0
MOKO	SN	210	117	IAML		1849	57.75		227	0.7					
MOKO	SE	210	117	IAML		1849	59.02		154	0.4					
IMP	SZ	292	153	EP		1849	40.14	0.15							1.0
IMP	SN	292	153	ES		1850	11.84	0.17							1.0
IMP	SN	292	153	IAML		1850	13.81		10	0.7					
IMP	SE	292	153	IAML		1850	23.62		11	0.8					
DHUB	SZ	293	244	EP		1849	40.51	0.48							1.0
TURA	SZ	303	233	EP		1849	40.83	-0.52							1.0
TURA	SN	303	233	ES		1850	13.61	-0.41							1.0
TURA	SE	303	233	IAML		1850	18.16		177	0.1					
TURA	SN	303	233	IAML		1850	18.25		222	0.4					
LKP	SZ	319	86	EP		1849	43.28	0.07							1.0
LKP	SN	319	86	ES		1850	17.22	-0.01							1.0
LKP	SN	319	86	IAML		1850	30.47		74	0.7					
LKP	SE	319	86	IAML		1850	30.84		61	0.5					
AZL	SZ	382	179	EP		1849	51.00	0.01							1.0
AZL	SN	382	179	ES		1850	31.06	0.37							1.0
AZL	SN	382	179	IAML		1850	32.83		31	0.9					

AZL	SE	382	179	IAML	1850	32.89			22	0.9						
GTK	SZ	399	273	EP	1849	53.31	0.20									1.0
GTK	SE	399	273	ES	1850	34.80	0.43									1.0
GTK	SN	399	273	IAML	1850	50.03			26	1.0						
GTK	SE	399	273	IAML	1850	50.59			21	0.8						
SAIH	SZ	522	176	EP	1850	08.35	0.29									1.0
SAIH	SE	522	176	ES	1851	00.60	0.38									1.0
SAIH	SN	522	176	IAML	1851	05.18			16	1.0						
SAIH	SE	522	176	IAML	1851	06.53			33	0.4						

May 27 2023 Hour: 19:24 57.2 Lat: 36.76N Lon: 71.54E D:138.0F Ag: NCS Local

Magnitudes: 4.3ML NCS 4.2MW NCS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	535	145	EP		1926	07.56	-0.04							1.0
JMU	BN	535	145	ES		1926	58.98	-0.01							1.0
JMU	BN	535	145	IAML		1927	06.53			597	0.7				
JMU	BE	535	145	IAML		1927	08.00			524	0.5				
UDMP	HZ	538	141	EP		1926	08.01	0.03							1.0
UDMP	HN	538	141	ES		1926	59.56	-0.09							1.0
THN	BZ	619	140	EP		1926	18.41	0.81							1.0
THN	BN	619	140	ES		1927	15.73	-0.55							1.0
DHRM	HZ	665	137	EP		1926	23.14	-0.02							1.0
DHRM	HN	665	137	ES		1927	25.99	0.07							1.0
DHRM	HN	665	137	IAML		1927	31.80			1470	0.5				
DHRM	HE	665	137	IAML		1927	32.41			1275	1.0				
SDNR	BZ	762	138	EP		1926	34.72	-0.03							1.0
SDNR	BN	762	138	ES		1927	46.03	0.08							1.0
SDNR	BN	762	138	IAML		1927	49.67			180	0.5				
SDNR	BE	762	138	IAML		1927	50.82			166	0.2				
BHK	BZ	776	139	EP		1926	36.38	-0.09							1.0
BHK	BN	776	139	ES		1927	48.95	0.02							1.0
BHK	BE	776	139	IAML		1927	49.56			325	0.4				
BHK	BN	776	139	IAML		1927	50.22			292	0.4				
SMLA	HZ	813	139	EP		1926	40.76	-0.10							1.0
SMLA	HN	813	139	ES		1927	56.63	0.11							1.0
SMLA	HE	813	139	IAML		1928	02.22			607	0.4				
SMLA	HN	813	139	IAML		1928	02.40			419	0.3				
UTK	BZ	925	134	EP		1926	54.29	-0.01							1.0
UTK	BN	925	134	ES		1928	19.84	0.07							1.0
UTK	BE	925	134	IAML		1928	24.99			608	0.3				
UTK	BN	925	134	IAML		1928	25.65			323	1.1				
DDI	HZ	936	138	EP		1926	55.63	0.07							1.0
DDI	HN	936	138	ES		1928	22.08	0.13							1.0
DDI	HN	936	138	IAML		1928	28.37			349	0.3				
DDI	HE	936	138	IAML		1928	28.75			516	0.3				
JOSI	BZ	1013	131	EP		1927	04.76	-0.07							1.0
JOSI	BN	1013	131	ES		1928	38.07	0.08							1.0
JOSI	BN	1013	131	IAML		1928	47.53			123	0.6				
JOSI	BE	1013	131	IAML		1928	48.33			93	0.7				
PTH	BZ	1133	132	EP		1927	19.06	-0.25							1.0
PTH	BN	1133	132	ES		1929	03.11	0.06							1.0
PTH	BN	1133	132	IAML		1929	12.12			36	0.4				
PTH	BE	1133	132	IAML		1929	12.68			29	0.2				
LGTI	BZ	1141	133	EP		1927	20.03	-0.31							1.0
LGTI	BN	1141	133	ES		1929	04.86	0.04							1.0
LGTI	BE	1141	133	IAML		1929	08.03			38	0.6				
LGTI	BN	1141	133	IAML		1929	10.38			34	0.4				

May 27 2023 Hour: 21:36 40.2 Lat: 27.20N Lon: 92.61E D: 6.9 Ag: NCS Local
 Magnitudes: 4.0ML NCS 4.0MW NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TEZP	SZ	67	164	EP		2136	51.79	-0.05							1.0
TEZP	SN	67	164	ES		2137	00.27	-0.08							1.0
TEZP	SN	67	164	IAML		2137	02.72		6236	0.1					
TAWA	SZ	86	301	EP		2136	54.83	-0.24							1.0
TAWA	SN	86	301	ES		2137	05.68	-0.26							1.0
TAWA	SE	86	301	IAML		2137	08.12		4109	0.3					
TAWA	SN	86	301	IAML		2137	08.61		6569	0.5					
SHL	HZ	191	199	EP		2137	11.06	0.01							1.0
SHL	HN	191	199	ES		2137	33.81	0.23							1.0
SHL	HN	191	199	IAML		2137	34.72		3292	0.5					
SHL	HE	191	199	IAML		2137	35.71		3001	0.4					
MOKO	SZ	213	117	EP		2137	13.69	-0.03							1.0
MOKO	SN	213	117	ES		2137	36.60	-1.60							1.0
MOKO	SN	213	117	IAML		2137	42.02		2461	1.1					
MOKO	SE	213	117	IAML		2137	42.28		1370	0.2					
KOHI	SZ	222	137	EP		2137	15.18	0.43							1.0
KOHI	SN	222	137	ES		2137	38.69	-1.30							1.0
KOHI	SE	222	137	ES		2137	40.54	0.55							1.0
KOHI	SN	222	137	IAML		2137	41.83		1287	0.4					
KOHI	SE	222	137	IAML		2137	42.34		764	0.7					
SILR	SZ	269	176	EP		2137	20.58	0.14							1.0
SILR	SE	269	176	ES		2137	50.03	0.21							1.0
SILR	SN	269	176	IAML		2138	01.35		2768	0.8					
SILR	SE	269	176	IAML		2138	03.26		901	0.7					
DHUB	SZ	292	244	EP		2137	23.37	0.12							1.0
IMP	SZ	294	153	EP		2137	23.85	0.24							1.0
IMP	SN	294	153	ES		2137	55.54	0.23							1.0
TURA	SZ	303	233	EP		2137	24.62	-0.00							1.0
TURA	SN	303	233	ES		2137	57.06	-0.01							1.0
TURA	SN	303	233	IAML		2137	58.72		2683	0.1					
TURA	SE	303	233	IAML		2137	58.96		2875	0.2					
LKP	SZ	320	87	EP		2137	27.40	0.61							1.0
LKP	SN	320	87	ES		2138	01.48	0.67							1.0
LKP	SE	320	87	IAML		2138	09.99		935	0.3					
LKP	SN	320	87	IAML		2138	10.58		965	0.4					
AZL	SZ	384	179	EP		2137	34.72	0.20							1.0
AZL	SN	384	179	ES		2138	14.53	0.35							1.0
AZL	SN	384	179	IAML		2138	28.43		345	0.6					
AZL	SE	384	179	IAML		2138	28.92		339	0.8					
AGT	SZ	392	201	EP		2137	35.18	-0.35							1.0
AGT	SN	392	201	ES		2138	15.50	-0.44							1.0
AGT	SN	392	201	IAML		2138	31.10		1283	0.8					
GTK	SZ	397	273	EP		2137	36.19	-0.04							1.0
GTK	SN	397	273	ES		2138	17.11	-0.03							1.0
BELO	SZ	453	195	EP		2137	43.09	0.09							1.0
BELO	SN	453	195	ES		2138	28.92	0.06							1.0
SAIH	SZ	523	176	EP		2137	51.82	0.22							1.0
SAIH	SN	523	176	ES		2138	43.79	0.05							1.0
SAIH	SN	523	176	IAML		2138	46.72		229	1.0					
SAIH	SE	523	176	IAML		2138	48.20		539	0.7					

May 27 2023 Hour: 22:28 54.1 Lat: 27.19N Lon: 92.68E D: 10.0F Ag: NCS Local
 Magnitudes: 3.0ML NCS 2.9MW NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TEZP	SZ	64	169	EP		2229	03.97	-1.36							1.0
TEZP	SN	64	169	ES		2229	12.49	-1.06							1.0
TEZP	SN	64	169	IAML		2229	13.71		549	0.2					
SHL	HZ	192	201	EP		2229	24.92	0.26							1.0
SHL	HN	192	201	ES		2229	47.85	0.85							1.0
SHL	HE	192	201	IAML		2229	48.64		419	0.3					

SHL	HN	192	201	IAML	2229	48.96		321	0.2	
MOKO	SZ	207	117	EP	2229	27.42	0.96			1.0
MOKO	SN	207	117	ES	2229	50.27	0.16			1.0
MOKO	SE	207	117	IAML	2229	55.62		215	0.2	
MOKO	SN	207	117	IAML	2229	56.01		185	0.2	
KOHI	SZ	216	138	EP	2229	27.45	-0.17			1.0
KOHI	SE	216	138	ES	2229	52.63	0.52			1.0
KOHI	SE	216	138	IAML	2229	56.83		67	0.6	
KOHI	SN	216	138	IAML	2229	58.81		81	0.3	
IMP	SZ	290	154	EP	2229	36.50	-0.12			1.0
IMP	SN	290	154	ES	2230	07.68	-0.01			1.0
DHUB	SZ	297	245	EP	2229	37.20	-0.17			1.0
TURA	SZ	307	233	EP	2229	39.87	1.23			1.0
TURA	SN	307	233	ES	2230	11.81	0.63			1.0
TURA	SN	307	233	IAML	2230	17.49		193	0.5	
TURA	SE	307	233	IAML	2230	18.11		217	0.4	
AZL	SZ	382	180	EP	2229	47.11	-0.74			1.0
AZL	SN	382	180	ES	2230	27.20	0.09			1.0
AZL	SE	382	180	IAML	2230	31.62		22	0.2	
AZL	SN	382	180	IAML	2230	32.56		20	0.4	
GTK	SZ	404	273	EP	2229	49.34	-1.16			1.0
GTK	SN	404	273	ES	2230	31.45	-0.24			1.0
SAIH	SZ	521	176	EP	2230	04.32	-0.57			1.0
SAIH	SN	521	176	ES	2230	57.49	0.89			1.0
SAIH	SN	521	176	IAML	2231	05.09		11	0.8	
SAIH	SE	521	176	IAML	2231	06.50		24	0.6	

May 28 2023 Hour: 5:49 58.3 Lat: 36.56N Lon: 71.13E D:218.5 Ag: NCS Regional

Magnitudes: 5.7ML NCS 5.5MW NCS		Rms: 0.4 secs													
STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	435	129	EP		0550	59.67	-0.32							1.0
SRIN	BN	435	129	ES		0551	44.70	-0.29							1.0
JMU	BZ	539	140	EP		0551	11.88	0.16							1.0
JMU	BN	539	140	ES		0552	05.40	0.11							1.0
JMU	BE	539	140	IAML		0552	09.72		38032	0.3					
JMU	BN	539	140	IAML		0552	09.97		40553	0.4					
UDMP	HZ	546	137	EP		0551	13.40	1.04							1.0
UDMP	HN	546	137	ES		0552	07.44	1.04							1.0
ALCI	BZ	609	114	EP		0551	19.82	0.18							1.0
ALCI	BN	609	114	ES		0552	19.15	0.16							1.0
ALCI	BE	609	114	IAML		0552	21.97		16196	0.6					
ALCI	BN	609	114	IAML		0552	24.06		13998	0.5					
THN	BZ	627	135	EP		0551	21.42	-0.34							1.0
THN	BN	627	135	ES		0552	22.33	-0.33							1.0
AMRT	HZ	647	146	EP		0551	24.40	0.37							1.0
AMRT	HN	647	146	ES		0552	27.59	1.00							1.0
DHRM	HZ	675	134	EP		0551	27.13	-0.20							1.0
DHRM	HN	675	134	ES		0552	32.13	-0.17							1.0
SDNR	BZ	771	135	EP		0551	38.21	-0.37							1.0
SDNR	BN	771	135	ES		0552	51.34	-0.41							1.0
SDNR	BN	771	135	IAML		0552	53.07		10293	0.3					
SDNR	BE	771	135	IAML		0552	53.40		5452	0.3					
SRGN	BZ	780	160	EP		0551	39.40	-0.19							1.0
SRGN	BN	780	160	ES		0552	53.11	-0.39							1.0
SRGN	BE	780	160	IAML		0552	56.29		12363	0.6					
SRGN	BN	780	160	IAML		0553	00.23		9853	0.6					
BHK	BZ	785	135	EP		0551	40.30	0.09							1.0
BHK	BN	785	135	ES		0552	54.66	0.08							1.0
BHK	BE	785	135	IAML		0552	55.42		9269	0.4					
BHK	BN	785	135	IAML		0552	56.52		8845	0.7					
SMLA	HZ	822	135	EP		0551	44.34	-0.16							1.0
SMLA	HN	822	135	ES		0553	01.87	-0.13							1.0
SMLA	HE	822	135	IAML		0553	04.69		10245	0.7					
SMLA	HN	822	135	IAML		0553	04.71		18724	0.4					

HNLY	BZ	832	118	EP	0551	45.90	0.13			1.0
CGRH	BZ	832	139	EP	0551	45.75	0.07			1.0
CGRH	BN	832	139	ES	0553	04.09	0.05			1.0
HNLY	BN	832	118	ES	0553	04.31	0.12			1.0
HNLY	BE	832	118	IAML	0553	10.03		1373	1.8	
HNLY	BN	832	118	IAML	0553	10.83		1028	0.7	
UTK	BZ	937	132	EP	0551	57.68	-0.40			1.0
UTK	BN	937	132	ES	0553	25.08	-0.41			1.0
UTK	BN	937	132	IAML	0553	29.78		20066	0.5	
UTK	BE	937	132	IAML	0553	31.25		18724	0.5	
DDI	HZ	945	135	EP	0551	58.88	-0.13			1.0
DDI	HN	945	135	ES	0553	26.83	-0.27			1.0
DDI	HE	945	135	IAML	0553	33.20		13446	0.4	
DDI	HN	945	135	IAML	0553	33.68		8563	0.2	
BKNR	BZ	949	167	EP	0551	59.65	0.11			1.0
BKNR	BN	949	167	ES	0553	28.12	0.10			1.0
BKNR	BN	949	167	IAML	0553	38.39		3850	0.5	
BKNR	BE	949	167	IAML	0553	39.12		5791	1.0	
RTK	BZ	970	148	EP	0552	01.63	-0.37			1.0
RTK	BN	970	148	ES	0553	31.70	-0.58			1.0
RTK	BN	970	148	IAML	0553	35.42		9151	0.3	
RTK	BE	970	148	IAML	0553	36.70		8352	0.6	
CHUR	HZ	986	158	EP	0552	04.32	0.42			1.0
CHUR	HN	986	158	ES	0553	36.58	1.01			1.0
CHUR	HE	986	158	IAML	0553	37.94		9411	0.9	
CHUR	HN	986	158	IAML	0553	38.34		5845	0.5	
NRLA	BZ	1021	145	EP	0552	07.46	-0.64			1.0
NRLA	BE	1021	145	ES	0553	42.45	-0.37			1.0
NRLA	BE	1021	145	IAML	0553	44.67		3342	0.4	
NRLA	BN	1021	145	IAML	0553	46.88		4994	0.3	
JOSI	BZ	1027	128	EP	0552	08.95	0.16			1.0
JOSI	BE	1027	128	ES	0553	44.13	0.12			1.0
JOSI	BE	1027	128	IAML	0553	50.15		5750	0.4	
JOSI	BN	1027	128	IAML	0553	51.99		7997	1.2	
UJWA	BZ	1040	147	EP	0552	09.98	-0.34			1.0
UJWA	BN	1040	147	ES	0553	46.30	-0.37			1.0
UJWA	BN	1040	147	IAML	0553	49.71		7651	0.4	
UJWA	BE	1040	147	IAML	0553	50.13		7459	0.8	
NDI	HZ	1043	145	EP	0552	10.34	-0.38			1.0
NDI	HN	1043	145	ES	0553	47.00	-0.36			1.0
NDI	HN	1043	145	IAML	0553	51.78		1619	1.1	
NDI	HE	1043	145	IAML	0553	53.34		2191	0.4	
MERT	BZ	1044	142	EP	0552	10.44	-0.43			1.0
MERT	BE	1044	142	ES	0553	47.22	-0.39			1.0
MERT	BE	1044	142	IAML	0553	49.02		5294	0.4	
MERT	BN	1044	142	IAML	0553	51.92		2845	0.5	
NPL	BZ	1045	146	EP	0552	10.56	-0.38			1.0
NPL	BN	1045	146	ES	0553	47.34	-0.39			1.0
NPL	BE	1045	146	IAML	0553	48.89		3875	0.4	
NPL	BN	1045	146	IAML	0553	49.53		2303	0.3	
LDR	HZ	1053	145	EP	0552	11.48	-0.42			1.0
LDR	HN	1053	145	ES	0553	49.05	-0.36			1.0
LDR	HN	1053	145	IAML	0553	53.78		7567	1.2	
LDR	HE	1053	145	IAML	0553	56.29		9709	0.6	
JMIU	BZ	1058	145	EP	0552	12.54	0.06			1.0
JMIU	BN	1058	145	ES	0553	50.51	0.11			1.0
JMIU	BN	1058	145	IAML	0553	56.58		10794	0.9	
AYAN	BZ	1058	146	EP	0552	12.63	0.09			1.0
AYAN	BN	1058	146	ES	0553	50.60	0.09			1.0
AYAN	BN	1058	146	IAML	0553	53.12		1540	0.6	
AYAN	BE	1058	146	IAML	0553	53.17		2825	1.0	
JMIU	BE	1058	145	IAML	0553	55.56		9622	0.3	
KUDL	HZ	1061	150	EP	0552	11.03	-1.82			0.9
KUDL	HN	1061	150	ES	0553	50.64	-0.39			1.0

KUDL	HN	1061	150	IAML	0553	53.09		1327	0.3	
KUDL	HE	1061	150	IAML	0553	53.41		1509	0.4	
BISR	BZ	1065	145	EP	0552	13.49	0.14			1.0
BISR	BN	1065	145	ES	0553	51.99	0.08			1.0
ASOR	BZ	1066	142	EP	0552	13.50	0.08			1.0
ASOR	BE	1066	142	ES	0553	52.17	0.14			1.0
ASOR	BN	1066	142	IAML	0553	55.67		6482	0.6	
ASOR	BE	1066	142	IAML	0554	05.15		10211	1.8	
FBD	HZ	1074	146	EP	0552	15.41	1.03			1.0
FBD	HN	1074	146	ES	0553	54.65	0.95			1.0
SONA	BZ	1077	147	EP	0552	14.37	-0.39			1.0
SONA	BN	1077	147	ES	0553	54.01	-0.33			1.0
MUYR	HZ	1113	128	EP	0552	20.57	1.08			1.0
MUYR	HN	1113	128	ES	0554	03.64	1.11			1.0
UNCH	BZ	1115	143	EP	0552	18.81	-0.43			1.0
UNCH	BN	1115	143	ES	0554	01.63	-0.46			1.0
UNCH	BE	1115	143	IAML	0554	04.93		5940	1.3	
UNCH	BN	1115	143	IAML	0554	05.38		6028	0.4	
MUKT	HZ	1119	132	EP	0552	21.14	1.03			1.0
MUKT	HN	1119	132	ES	0554	04.48	0.88			1.0
MUKT	HN	1119	132	IAML	0554	06.77		1637	0.5	
MUKT	HE	1119	132	IAML	0554	06.79		2240	0.8	
PTH	BZ	1146	130	EP	0552	22.61	-0.37			1.0
PTH	BN	1146	130	ES	0554	08.15	-0.42			1.0
PTH	BN	1146	130	IAML	0554	12.42		1282	0.8	
PTH	BE	1146	130	IAML	0554	13.04		903	0.3	
LGTI	BZ	1154	131	EP	0552	23.45	-0.45			1.0
LGTI	BN	1154	131	ES	0554	09.67	-0.49			1.0
LGTI	BN	1154	131	IAML	0554	13.57		827	0.6	
LGTI	BE	1154	131	IAML	0554	13.92		1205	0.6	
AJM	BZ	1172	163	EP	0552	24.23	0.01			1.0
AJM	BE	1172	163	ES	0554	13.99	0.07			1.0
AJM	BN	1172	163	IAML	0554	20.08		514	0.4	
AJM	BE	1172	163	IAML	0554	20.21		784	0.4	
FRKB	BZ	1291	140	EP	0552	40.35	0.07			1.0
FRKB	BN	1291	140	ES	0554	38.56	0.06			1.0
FRKB	BN	1291	140	IAML	0554	48.73		3149	0.7	
FRKB	BE	1291	140	IAML	0554	51.24		2885	0.6	
GWAL	HZ	1329	148	EP	0552	45.56	0.72			1.0
GWAL	HN	1329	148	ES	0554	47.38	1.00			1.0
GWAL	HN	1329	148	IAML	0554	49.95		3156	0.4	
GWAL	HE	1329	148	IAML	0554	50.47		4535	0.2	
BRCH	BZ	1403	132	EP	0552	53.75	0.06			1.0
BRCH	BN	1403	132	ES	0555	01.75	0.05			1.0
JHNI	BZ	1422	148	EP	0552	56.00	0.06			1.0
JHNI	BE	1422	148	ES	0555	05.71	0.11			1.0
JHNI	BN	1422	148	IAML	0555	08.90		370	0.7	
JHNI	BE	1422	148	IAML	0555	08.93		719	0.6	
BHUJ	HZ	1482	186	EP	0553	02.97	-0.15			0.0
BHUJ	HE	1482	186	ES	0555	17.79	-0.21			1.0
BHUJ	HE	1482	186	IAML	0555	22.11		283	0.6	
BHUJ	HN	1482	186	IAML	0555	28.25		214	2.0	
BNDA	BZ	1508	142	EP	0553	02.19	-0.00			1.0
BNDA	BN	1508	142	ES	0555	33.77	0.02			1.0
BNDA	BN	1508	142	IAML	0555	41.59		1957	0.6	
VLK	BZ	1573	126	EP	0553	08.90	-0.49			1.0
VLK	BN	1573	126	ES	0555	46.61	-0.56			1.0
VLK	BE	1573	126	IAML	0555	48.97		1269	1.3	
VLK	BN	1573	126	IAML	0555	52.56		1322	1.2	
BHPL	HZ	1595	156	EP	0553	11.55	-0.27			1.0
BHPL	HN	1595	156	ES	0555	51.47	-0.29			1.0
BHPL	HE	1595	156	IAML	0555	53.76		389	0.6	
BHPL	HN	1595	156	IAML	0555	56.51		432	0.5	
ALBI	BZ	1609	138	EP	0553	13.37	0.00			1.0

ALBI	BN	1609	138	ES	0555	54.58-0.05			1.0
ALBI	BN	1609	138	IAML	0555	59.29	566	0.7	
ALBI	BE	1609	138	IAML	0556	00.57	432	1.2	
JBPL	HZ	1706	148	EP	0553	24.90 0.97			1.0
JBPL	HN	1706	148	ES	0556	15.23 0.84			1.0
CNWR	HZ	1776	153	EP	0553	31.51 0.62			1.0
CNWR	HE	1776	153	ES	0556	28.97 0.83			1.0
CNWR	HE	1776	153	IAML	0556	30.86	402	1.1	
CNWR	HN	1776	153	IAML	0556	34.20	325	0.8	
BLSP	BZ	1925	143	EP	0553	45.54-0.02			1.0
BLSP	BN	1925	143	ES	0556	54.99-0.14			1.0
BLSP	BN	1925	143	IAML	0556	56.74	370	0.6	
BLSP	BE	1925	143	IAML	0557	00.03	465	0.5	
GTK	SZ	1939	117	EP	0553	47.03 0.12			1.0
GTK	SN	1939	117	ES	0556	57.64 0.04			1.0
GTK	SE	1939	117	IAML	0557	00.63	156	1.0	
GTK	SN	1939	117	IAML	0557	00.92	323	0.4	
BOKR	HZ	2000	131	EP	0553	52.74-0.22			1.0
BOKR	HE	2000	131	ES	0557	08.30-0.41			1.0
BOKR	HE	2000	131	IAML	0557	16.14	196	0.5	
BOKR	HN	2000	131	IAML	0557	16.94	331	1.1	
DHUB	SZ	2136	118	EP	0554	06.16 0.10			1.0
TAWA	SE	2189	111	IAML	0557	54.50	228	2.3	
TURA	SZ	2189	119	EP	0554	11.20 0.05			1.0
TAWA	SN	2189	111	IAML	0557	53.77	330	1.2	
TURA	SE	2189	119	IAML	0557	48.98	218	0.6	
TURA	SN	2189	119	IAML	0557	51.28	360	1.1	
TAWA	SZ	2189	111	EP	0554	11.19 0.03			1.0
TAWA	SN	2189	111	ES	0557	42.02 0.03			1.0
TURA	SN	2189	119	ES	0557	41.93-0.04			1.0
GUWA	SZ	2261	115	EP	0554	18.22 0.12			1.0
GUWA	SN	2261	115	ES	0557	54.65 0.00			1.0
GUWA	SE	2261	115	IAML	0558	05.29	110	2.0	
GUWA	SN	2261	115	IAML	0558	13.21	145	2.3	
SHL	HZ	2326	116	EP	0554	24.34 0.08			1.0
SHL	HE	2326	116	ES	0558	05.14-0.02			1.0
SHL	HN	2326	116	IAML	0558	18.39	148	0.9	
SHL	HE	2326	116	IAML	0558	18.65	144	1.1	
VISK	HZ	2407	147	EP	0554	31.48-0.29			1.0
VISK	HN	2407	147	ES	0558	16.61-0.42			1.0
VISK	HN	2407	147	IAML	0558	40.54	74	0.9	
VISK	HE	2407	147	IAML	0558	42.03	73	2.0	
MOKO	SZ	2486	111	EP	0554	38.47 0.08			1.0
MOKO	SE	2486	111	ES	0558	28.73-0.05			1.0
MOKO	SN	2486	111	IAML	0558	52.13	115	1.2	
MOKO	SE	2486	111	IAML	0558	54.66	130	1.7	
KOHI	SZ	2489	112	EP	0554	38.71 0.12			1.0
KOHI	SE	2489	112	ES	0558	29.06-0.08			1.0
KOHI	SN	2489	112	IAML	0558	54.83	106	0.8	
KOHI	SE	2489	112	IAML	0558	55.70	151	1.0	
AZL	SZ	2506	119	EP	0554	40.09 0.08			1.0
AZL	SN	2506	119	ES	0558	31.59-0.06			1.0
AZL	SE	2506	119	IAML	0559	01.39	95	1.1	
AZL	SN	2506	119	IAML	0559	02.97	86	0.9	
IMP	SZ	2533	114	EP	0554	42.25 0.11			1.0
IMP	SE	2533	114	ES	0558	35.38-0.05			1.0
IMP	SE	2533	114	IAML	0559	08.11	44	1.1	
IMP	SN	2533	114	IAML	0559	12.42	48	0.8	

May 28 2023 Hour: 7:53 59.7

Ag: NCS Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HNLY	BZ			EP		0755	31.63								
HNLY	BN			ES		0756	28.85								
JOSI	BZ			EP		0755	45.83								
JOSI	BN			ES		0756	54.58								
ALCI	BZ			EP		0755	43.13								
ALCI	BN			ES		0757	02.85								
PTH	BZ			EP		0755	50.69								
PTH	BE			ES		0757	04.53								
UTK	BZ			EP		0755	49.27								
UTK	BN			ES		0757	16.76								
VLK	BZ			EP		0755	59.86								
VLK	BN			ES		0757	27.90								
DDI	HZ			EP		0755	57.47								
DDI	HN			ES		0757	26.20								
SMLA	HZ			EP		0755	59.52								
SMLA	HN			ES		0757	38.95								
DHRM	HZ			EP		0756	07.43								
DHRM	HN			ES		0757	37.86								
THN	BZ			EP		0756	08.10								
THN	BN			ES		0757	42.79								
UDMP	HZ			EP		0756	13.86								
UDMP	HE			ES		0757	50.62								
JMU	BZ			EP		0756	15.22								
JMU	BE			ES		0758	10.95								
TEZP	SZ			EP		0756	33.94								
TEZP	SN			ES		0758	37.99								
KOHI	SZ			EP		0758	11.55								
KOHI	SN			ES		0759	43.71								
GTK	SZ			EP		0756	15.64								
GTK	SN			ES		0757	27.15								
JHNI	BN			ES		0759	29.04								
JHNI	BZ			EP		0757	47.40								

May 28 2023 Hour: 9:28 50.3

Lat: 25.78N Lon: 91.46E D: 10.0F

Ag: NCS Local

Magnitudes: 3.5ML NCS 3.3MW NCS						Rms: 0.7 secs									
STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GUWA	SZ	51	27	EP		0928	58.17	-1.28							1.0
GUWA	SN	51	27	ES		0929	04.95	-1.17							1.0
GUWA	SN	51	27	IAML		0929	05.47			2721	0.2				
GUWA	SE	51	27	IAML		0929	05.76			2835	0.2				
TURA	SZ	128	257	EP		0929	12.29	0.05							1.0
TURA	SN	128	257	ES		0929	27.72	-0.52							1.0
TURA	SE	128	257	IAML		0929	28.55			1680	0.1				
TURA	SN	128	257	IAML		0929	29.11			1231	0.3				
DHUB	SZ	149	281	EP		0929	16.48	0.96							1.0
TAWA	SZ	205	11	EP		0929	21.70	-0.77							1.0
TAWA	SN	205	11	ES		0929	46.22	0.29							1.0
TAWA	SE	205	11	IAML		0929	47.23			928	0.2				
TAWA	SN	205	11	IAML		0929	47.49			976					
AZL	SZ	258	151	EP		0929	28.59	-0.34							1.0
AZL	SN	258	151	ES		0929	56.83	-0.28							1.0
AZL	SE	258	151	IAML		0929	58.49			78	0.3				
AZL	SN	258	151	IAML		0929	59.77			72	0.5				
KOHI	SZ	266	91	EP		0929	30.47	0.59							1.0
KOHI	SN	266	91	ES		0929	59.41	0.66							1.0
KOHI	SE	266	91	IAML		0930	05.33			246	0.3				
KOHI	SN	266	91	IAML		0930	07.94			263	0.2				
ITAN	SZ	271	56	EP		0929	30.14	-0.46							1.0
ITAN	SE	271	56	ES		0930	00.80	0.79							1.0
ITAN	SE	271	56	IAML		0930	08.21			661	0.3				
ITAN	SN	271	56	IAML		0930	08.88			684	0.6				

MOKO	SZ	311	78	EP	0929	36.26	0.74									1.0
MOKO	SN	311	78	ES	0930	09.34	0.83									1.0
MOKO	SN	311	78	IAML	0930	16.24			264	0.7						
MOKO	SE	311	78	IAML	0930	17.96			324	0.8						
GTK	SZ	332	302	EP	0929	38.69	0.67									1.0
GTK	SN	332	302	ES	0930	13.35	0.52									1.0
SAIH	SZ	396	157	EP	0929	44.93	-0.90									1.0
SAIH	SE	396	157	ES	0930	25.96	-0.38									1.0

May 28 2023 Hour: 12:57 3.7 Lat: 34.26N Lon: 70.42E D: 61.6 Ag: NCS Local

Magnitudes: 4.5ML NCS 4.7MW NCS Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	405	92	EP		1257	57.04	-0.41							1.0
SRIN	BN	405	92	ES		1258	36.59	-0.08							1.0
SRIN	BE	405	92	IAML		1258	46.18			8323	0.4				
SRIN	BN	405	92	IAML		1258	46.31			13377	0.5				
JMU	BZ	441	111	EP		1258	02.23	0.33							1.0
JMU	BN	441	111	ES		1258	44.71	0.33							1.0
JMU	BE	441	111	IAML		1258	53.56			5165	0.8				
JMU	BN	441	111	IAML		1258	56.31			4780	0.6				
UDMP	HZ	461	108	EP		1258	04.07	-0.24							1.0
UDMP	HE	461	108	ES		1258	48.45	-0.08							1.0
THN	BZ	540	110	EP		1258	14.18	0.24							1.0
THN	BN	540	110	ES		1259	05.15	-0.05							1.0
SRGN	BZ	581	145	EP		1258	19.01	0.04							1.0
SRGN	BN	581	145	ES		1259	13.94	0.04							1.0
SRGN	BN	581	145	IAML		1259	44.40			2223	1.3				
SRGN	BE	581	145	IAML		1259	44.58			2198	0.9				
DHRM	HZ	592	110	EP		1258	20.40	0.11							1.0
DHRM	HN	592	110	ES		1259	16.38	0.19							1.0
DHRM	HN	592	110	IAML		1259	39.41			2960	1.2				
DHRM	HE	592	110	IAML		1259	42.81			3296	1.0				
ALCI	BZ	623	89	EP		1258	23.95	-0.13							0.0
ALCI	BN	623	89	ES		1259	22.45	-0.29							1.0
ALCI	BE	623	89	IAML		1259	23.79			280	0.4				
ALCI	BN	623	89	IAML		1259	23.88			189	1.0				
SDNR	BZ	678	115	EP		1258	31.45	0.73							1.0
SDNR	BE	678	115	ES		1259	34.30	0.07							1.0
SDNR	BN	678	115	IAML		1259	38.53			400	0.6				
SDNR	BE	678	115	IAML		1259	39.31			314	0.6				
BHK	BZ	688	116	EP		1258	31.59	-0.39							1.0
BHK	BE	688	116	ES		1259	36.64	0.24							1.0
BHK	BN	688	116	IAML		1300	00.69			1803	1.0				
BHK	BE	688	116	IAML		1300	01.30			1245	0.8				
SMLA	HZ	722	117	EP		1258	35.43	-0.65							1.0
SMLA	HN	722	117	ES		1259	43.08	-0.42							1.0
SMLA	HN	722	117	IAML		1259	44.62			624	0.3				
SMLA	HE	722	117	IAML		1259	45.59			841	0.6				
DDI	HZ	841	119	EP		1258	50.82	0.24							1.0
DDI	HN	841	119	ES		1300	08.63	0.04							1.0
DDI	HN	841	119	IAML		1300	15.34			656	0.7				
DDI	HE	841	119	IAML		1300	19.78			772	0.5				
UTK	BZ	849	115	EP		1258	51.09	-0.51							1.0
UTK	BN	849	115	ES		1300	10.52	0.17							1.0
UTK	BE	849	115	IAML		1300	15.65			670	0.6				
UTK	BN	849	115	IAML		1300	16.37			498	0.3				
UJWA	BZ	883	134	EP		1258	55.92	0.18							1.0
UJWA	BN	883	134	ES		1300	17.65	0.14							1.0
UJWA	BN	883	134	IAML		1300	31.30			550	0.5				
UJWA	BE	883	134	IAML		1300	33.84			688	0.4				
KUDL	HZ	891	138	EP		1258	57.15	0.43							1.0
KUDL	HN	891	138	ES		1300	18.77	-0.44							1.0
KUDL	HE	891	138	IAML		1300	30.20			131	0.4				
KUDL	HN	891	138	IAML		1300	31.02			66	0.5				

NDI	HZ	893	132	EP	1258	57.06	0.06										1.0
NDI	HN	893	132	ES	1300	20.05	0.36										1.0
NDI	HE	893	132	IAML	1300	22.07		179	0.3								
NDI	HN	893	132	IAML	1300	27.58		188	0.4								
LDR	HZ	901	132	EP	1258	58.34	0.30										1.0
LDR	HE	901	132	ES	1300	20.74	-0.75										1.0
LDR	HE	901	132	IAML	1300	24.49		676	0.2								
LDR	HN	901	132	IAML	1300	25.42		816	0.5								
AYAN	BZ	903	133	EP	1258	58.30	-0.00										1.0
AYAN	BN	903	133	ES	1300	22.27	0.33										1.0
AYAN	BE	903	133	IAML	1300	24.36		149	0.5								
AYAN	BN	903	133	IAML	1300	24.85		216	0.2								
SONA	BZ	918	135	EP	1259	00.58	0.53										1.0
SONA	BN	918	135	ES	1300	24.66	-0.31										1.0
JOSI	BZ	952	113	EP	1259	04.16	-0.01										1.0
JOSI	BN	952	113	ES	1300	31.94	-0.16										1.0
JOSI	BE	952	113	IAML	1300	38.63		311	0.2								
JOSI	BN	952	113	IAML	1300	40.31		307	1.0								
AJM	BZ	958	154	EP	1259	04.90	0.01										1.0
AJM	BE	958	154	ES	1300	32.83	-0.51										1.0
AJM	BN	958	154	IAML	1300	42.90		63	0.7								
AJM	BE	958	154	IAML	1300	46.82		68	0.5								
MUKT	HZ	1022	119	EP	1259	12.84	-0.25										1.0
MUKT	HN	1022	119	ES	1300	47.78	0.25										1.0
MUKT	HN	1022	119	IAML	1300	50.00		73	0.2								
MUKT	HE	1022	119	IAML	1300	50.74		82	0.7								
PTH	BZ	1059	117	EP	1259	17.47	0.18										1.0
PTH	BE	1059	117	ES	1300	54.97	0.17										1.0
PTH	BE	1059	117	IAML	1300	57.24		96	0.2								
PTH	BN	1059	117	IAML	1300	58.21		86	0.3								
UDPR	BZ	1119	163	EP	1259	24.92	0.36										1.0
UDPR	BN	1119	163	ES	1301	07.30	-0.07										1.0
UDPR	BN	1119	163	IAML	1301	18.90		61	0.5								
UDPR	BE	1119	163	IAML	1301	20.58		87	1.1								
JHNI	BZ	1255	139	EP	1259	41.05	-0.08										1.0
JHNI	BE	1255	139	ES	1301	36.29	0.26										1.0
JHNI	BN	1255	139	IAML	1301	42.73		53	0.2								
JHNI	BE	1255	139	IAML	1301	43.06		75	0.2								
BHPL	HZ	1398	149	EP	1259	57.91	-0.48										1.0
BHPL	HE	1398	149	ES	1302	05.83	-0.06										1.0
BHPL	HN	1398	149	IAML	1302	10.13		45	0.5								
BHPL	HE	1398	149	IAML	1302	11.02		50	0.6								
ALBI	BZ	1480	129	EP	1300	07.91	-0.36										1.0
ALBI	BE	1480	129	ES	1302	23.30	0.31										1.0
ALBI	BN	1480	129	IAML	1302	26.71		50	0.5								
ALBI	BE	1480	129	IAML	1302	29.28		76	1.1								

May 28 2023 Hour: 18:51 27.0

Ag: NCS Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TAWA	SZ			EP		1851	43.29								
TAWA	SN			ES		1851	57.37								
TEZP	SZ			EP		1852	06.05								
TEZP	SN			ES		1852	35.34								
GTK	SZ			EP		1852	13.80								
GTK	SN			ES		1852	51.00								
DHUB	SZ			EP		1852	12.47								
SHL	HZ			EP		1852	18.76								
SHL	HN			ES		1852	54.97								
TURA	SZ			EP		1852	17.25								
TURA	SE			ES		1852	58.12								
MOKO	SZ			EP		1852	22.29								
MOKO	SN			ES		1853	07.71								
KOHI	SZ			EP		1852	23.67								
KOHI	SN			ES		1853	05.35								

LKP	SZ	EP	1852	29.17
LKP	SE	ES	1853	11.06
IMP	SZ	EP	1852	30.80
IMP	SE	ES	1853	17.96
AGT	SN	ES	1853	32.58
AZL	SZ	EP	1852	39.99
AZL	SN	ES	1853	38.91
SAIH	SZ	EP	1852	56.77
AGT	SZ	EP	1852	38.71
BOKR	HZ	EP	1853	28.06
BOKR	HN	ES	1854	59.15
DDI	HZ	EP	1853	50.33
DDI	HN	ES	1856	16.08
SMLA	HZ	EP	1854	22.72
SMLA	HN	ES	1856	34.29
DHRM	HZ	EP	1854	30.82
DHRM	HE	ES	1856	56.56
MUKT	HZ	EP	1853	46.04
MUKT	HE	ES	1855	43.46
JOSI	BZ	EP	1853	47.94
JOSI	BE	ES	1855	48.40
COBR	BZ	EP	1852	15.41
COBR	BN	ES	1852	52.21
NDI	HZ	EP	1855	17.02
NDI	HN	ES	1856	33.56
PTH	BZ	EP	1853	40.45
PTH	BN	ES	1855	29.16
SHBG	BZ	EP	1852	36.75
SHBG	BN	ES	1853	40.71
UTK	BZ	EP	1854	07.11
UTK	BN	ES	1856	12.23
VLK	BZ	EP	1853	24.45
VLK	BE	ES	1854	24.12
THN	BZ	EP	1854	44.03
THN	BN	ES	1857	05.56

May 28 2023 Hour: 21:32 25.0 Lat: 36.48N Lon: 71.43E D:100.0F Ag: NCS Local

Magnitudes: 4.1ML NCS 3.9MW NCS Rms: 2.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	515	142	EP		2133	32.02	-0.59							1.0
JMU	BN	515	142	ES		2134	19.96	-1.99							1.0
JMU	BE	515	142	IAML		2134	24.79		649	0.3					
JMU	BN	515	142	IAML		2134	25.05		844	0.8					
UDMP	HZ	520	138	EP		2133	32.75	-0.44							1.0
UDMP	HN	520	138	ES		2134	21.26	-1.70							1.0
THN	BZ	602	137	EP		2133	42.72	-0.28							1.0
THN	BN	602	137	ES		2134	38.62	-1.32							1.0
DHRM	HZ	649	135	EP		2133	48.60	-0.13							1.0
DHRM	HN	649	135	ES		2134	48.85	-1.00							1.0
DHRM	HN	649	135	IAML		2134	52.46		1006	0.7					
DHRM	HE	649	135	IAML		2134	52.52		648	0.1					
SDNR	BZ	746	136	EP		2134	00.42	0.08							1.0
SDNR	BN	746	136	ES		2135	09.06	-0.88							1.0
SDNR	BE	746	136	IAML		2135	12.07		169	0.5					
SDNR	BN	746	136	IAML		2135	12.73		159	0.5					
BHK	BZ	759	136	EP		2134	02.21	0.17							1.0
BHK	BN	759	136	ES		2135	12.34	-0.53							1.0
BHK	BE	759	136	IAML		2135	13.15		152	0.4					
BHK	BN	759	136	IAML		2135	14.34		214	0.3					
SMLA	HZ	797	137	EP		2134	06.53	0.09							1.0
SMLA	HN	797	137	ES		2135	19.74	-0.74							1.0
SMLA	HE	797	137	IAML		2135	23.56		173	0.6					
SMLA	HN	797	137	IAML		2135	26.13		168	0.0					
UTK	BZ	911	132	EP		2134	20.57	0.40							1.0

UTK	BN	911	132	ES	2135	44.09	-0.15										1.0
UTK	BN	911	132	IAML	2135	48.54			195	1.0							
UTK	BE	911	132	IAML	2135	49.39			325	0.4							
JOSI	BZ	1000	129	EP	2134	31.74	0.78										1.0
JOSI	BN	1000	129	ES	2136	03.35	0.45										1.0
JOSI	BN	1000	129	IAML	2136	08.57			123	0.9							
JOSI	BE	1000	129	IAML	2136	10.69			81	0.7							
AYAN	BZ	1036	147	EP	2134	35.21	-0.09										1.0
AYAN	BE	1036	147	ES	2136	09.38	-1.03										1.0
AYAN	BE	1036	147	IAML	2136	10.56			32	0.2							
AYAN	BN	1036	147	IAML	2136	11.70			26	0.2							
SONA	BZ	1055	148	EP	2134	37.17	-0.41										1.0
SONA	BE	1055	148	ES	2136	13.35	-1.01										1.0
JASL	BZ	1061	183	EP	2134	36.88	-1.42										1.0
JASL	BE	1061	183	ES	2136	12.74	-2.86										1.0
JASL	BE	1061	183	IAML	2136	14.58			112	0.2							
JASL	BN	1061	183	IAML	2136	17.30			83	0.2							
MUKT	HZ	1093	133	EP	2134	43.17	0.66										1.0
MUKT	HN	1093	133	ES	2136	22.89	-0.00										1.0
MUKT	HN	1093	133	IAML	2136	26.68			54	0.6							
MUKT	HE	1093	133	IAML	2136	26.82			45	0.5							
PTH	BZ	1120	131	EP	2134	46.24	0.88										1.0
PTH	BN	1120	131	ES	2136	28.16	0.34										1.0
PTH	BE	1120	131	IAML	2136	36.47			31	0.6							
PTH	BN	1120	131	IAML	2136	37.52			41	0.7							
LGTI	BZ	1127	132	EP	2134	47.19	0.88										1.0
LGTI	BN	1127	132	ES	2136	29.99	0.53										1.0
LGTI	BE	1127	132	IAML	2136	33.33			35	0.3							
LGTI	BN	1127	132	IAML	2136	33.71			37	0.8							
AJM	BZ	1155	164	EP	2134	49.23	-0.47										1.0
AJM	BN	1155	164	ES	2136	33.57	-1.76										1.0
AJM	BE	1155	164	IAML	2136	35.05			54	0.4							
AJM	BN	1155	164	IAML	2136	37.24			35	0.6							
BHPL	HZ	1576	157	EP	2135	41.84	1.46										0.9
BHPL	HN	1576	157	ES	2138	16.59	13.6										0.9
BHPL	HN	1576	157	IAML	2138	19.20			14	0.1							
BHPL	HE	1576	157	IAML	2138	19.38			12								

May 29 2023 Hour: 2:18 20.0

Ag: NCS Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DGPR	HN			ES		0219	02.59								
VISK	HZ			EP		0219	43.07								
VISK	HE			ES		0220	58.58								
DGPR	HZ			EP		0218	44.16								

May 29 2023 Hour: 2:33 44.6

Lat: 26.68N Lon: 92.35E D: 15.3

Ag: NCS Local

Magnitudes: 4.3ML NCS 4.3MW NCS

Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TEZP	SZ	45	99	EP		0233	53.00	0.09							1.0
TEZP	SN	45	99	ES		0233	58.99	0.03							1.0
TEZP	SN	45	99	IAML		0233	59.79			12991	0.1				
GUWA	SZ	85	231	EP		0233	59.62	-0.01							1.0
GUWA	SN	85	231	ES		0234	10.59	0.00							1.0
GUWA	SN	85	231	IAML		0234	11.02			4079	0.2				
GUWA	SE	85	231	IAML		0234	12.55			3137	0.5				
TAWA	SZ	112	335	EP		0234	03.80	0.12							1.0
TAWA	SN	112	335	ES		0234	17.80	0.21							1.0
TAWA	SN	112	335	IAML		0234	19.99			10880	0.2				
TAWA	SE	112	335	IAML		0234	20.35			14518	0.8				
SHL	HZ	129	196	EP		0234	06.49	0.24							1.0
SHL	HN	129	196	ES		0234	22.12	0.08							1.0
SHL	HN	129	196	IAML		0234	22.80			6623	0.2				
SHL	HE	129	196	IAML		0234	26.35			6197	0.3				
ITAN	SZ	146	69	EP		0234	08.97	0.08							1.0

ITAN	SN	146	69	ES	0234	26.57-0.04			1.0
ITAN	SE	146	69	IAML	0234	28.14	12482	0.6	
ITAN	SN	146	69	IAML	0234	28.29	12434	0.5	
KOHI	SZ	206	121	EP	0234	16.22 0.01			1.0
KOHI	SN	206	121	ES	0234	39.43 0.17			1.0
KOHI	SE	206	121	IAML	0234	42.34	5340	0.6	
KOHI	SN	206	121	IAML	0234	44.78	4248	0.4	
SILR	SZ	215	168	EP	0234	17.43 0.09			1.0
SILR	SN	215	168	ES	0234	41.23 0.01			1.0
SILR	SN	215	168	IAML	0234	51.29	5522	0.8	
SILR	SE	215	168	IAML	0234	53.08	5341	0.7	
MOKO	SZ	220	100	EP	0234	17.85-0.12			1.0
MOKO	SN	220	100	ES	0234	42.24-0.08			1.0
MOKO	SN	220	100	IAML	0234	45.65	3904	0.1	
MOKO	SE	220	100	IAML	0234	46.32	4762	0.8	
DHUB	SZ	246	253	EP	0234	21.11 0.03			1.0
TURA	SZ	249	239	EP	0234	21.23-0.19			1.0
TURA	SN	249	239	ES	0234	48.48 0.20			1.0
TURA	SE	249	239	IAML	0234	51.16	5368	0.5	
TURA	SN	249	239	IAML	0234	51.77	6201	0.5	
IMP	SZ	260	142	EP	0234	22.95 0.11			1.0
IMP	SN	260	142	ES	0234	50.52-0.22			1.0
IMP	SN	260	142	IAML	0234	59.82	727	0.7	
IMP	SE	260	142	IAML	0235	03.86	797	1.2	
COBR	BZ	291	262	EP	0234	26.70 0.11			1.0
COBR	BN	291	262	ES	0234	57.21-0.02			1.0
COBR	BN	291	262	IAML	0235	04.51	17100	0.9	
COBR	BE	291	262	IAML	0235	05.16	11773	0.8	
AZL	SZ	328	174	EP	0234	30.74-0.37			1.0
AZL	SE	328	174	ES	0235	04.94-0.12			1.0
AZL	SN	328	174	IAML	0235	16.34	793	0.7	
AZL	SE	328	174	IAML	0235	16.99	877	0.4	
AGT	SZ	329	200	EP	0234	31.16-0.08			1.0
AGT	SN	329	200	ES	0235	05.36 0.09			1.0
AGT	SN	329	200	IAML	0235	16.27	3331	0.6	
AGT	SE	329	200	IAML	0235	16.52	9624	0.5	
LKP	SZ	355	77	EP	0234	34.35-0.01			1.0
LKP	SE	355	77	ES	0235	10.57-0.10			1.0
LKP	SE	355	77	IAML	0235	18.91	2811	0.8	
LKP	SN	355	77	IAML	0235	24.52	1678	0.5	
JPG	BZ	363	268	EP	0234	35.20-0.16			1.0
JPG	BN	363	268	ES	0235	12.36-0.04			1.0
JPG	BN	363	268	IAML	0235	24.43	4934	0.4	
JPG	BE	363	268	IAML	0235	27.56	3969	0.3	
CMPI	HZ	366	164	EP	0234	35.74-0.23			1.0
CMPI	HN	366	164	ES	0235	13.61 0.14			1.0
CMPI	HN	366	164	IAML	0235	29.69	1006	0.5	
CMPI	HE	366	164	IAML	0235	33.64	915	0.6	
GTK	SZ	379	282	EP	0234	37.35 0.03			1.0
GTK	SN	379	282	ES	0235	16.06 0.27			1.0
GTK	SN	379	282	IAML	0235	26.22	1195	1.3	
GTK	SE	379	282	IAML	0235	26.75	1749	0.4	
BELO	SZ	391	194	EP	0234	38.76-0.05			1.0
BELO	SN	391	194	ES	0235	18.45 0.09			1.0
BELO	SN	391	194	IAML	0235	34.15	1070	0.8	
SAIH	SZ	469	172	EP	0234	48.33-0.04			1.0
SAIH	SE	469	172	ES	0235	35.32 0.41			1.0
SAIH	SE	469	172	IAML	0235	43.26	241	0.7	
SAIH	SN	469	172	IAML	0235	47.48	220	0.9	
SHBG	BZ	499	252	EP	0234	52.17 0.16			1.0
SHBG	BN	499	252	ES	0235	41.38 0.17			1.0
SHBG	BE	499	252	IAML	0235	46.87	548	0.3	
SHBG	BN	499	252	IAML	0235	47.49	411	0.2	
JMUI	BZ	644	254	EP	0235	09.21-0.42			1.0

JMUI	BN	644	254	ES	0236	11.00-0.70											1.0
JMUI	BN	644	254	IAML	0236	36.23			2173	0.4							
JMUI	BE	644	254	IAML	0236	45.04			2034	0.3							
BOKR	HZ	725	245	EP	0235	19.59-0.09											1.0
BOKR	HN	725	245	ES	0236	29.19 0.12											1.0
BOKR	HE	725	245	IAML	0236	40.25			140	1.0							
BOKR	HN	725	245	IAML	0236	40.46			140	0.4							

May 29 2023 Hour: 3:59 4.9 Lat: 36.64N Lon: 76.62E D:158.0F Ag: NCS Local
Magnitudes: 3.4ML NCS 3.4MW NCS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	274	169	EP		0359	46.06	0.19							1.0
ALCI	BN	274	169	ES		0400	15.85	0.05							1.0
ALCI	BN	274	169	IAML		0400	18.62			40	0.3				
ALCI	BE	274	169	IAML		0400	24.57			36	0.4				
UDMP	HZ	436	199	EP		0400	04.09	0.03							1.0
UDMP	HN	436	199	ES		0400	47.32	0.05							1.0
THN	BZ	472	189	EP		0400	08.39	0.06							1.0
THN	BN	472	189	ES		0400	54.71	0.05							1.0
DHRM	HZ	488	183	EP		0400	10.24-0.03								1.0
DHRM	HN	488	183	ES		0400	57.89-0.12								1.0
DHRM	HN	488	183	IAML		0401	05.16			108	0.2				
DHRM	HE	488	183	IAML		0401	05.68			93	0.7				
BHK	BZ	583	177	EP		0400	21.49	0.11							1.0
BHK	BN	583	177	ES		0401	17.20-0.04								1.0
BHK	BN	583	177	IAML		0401	22.15			47	0.2				
BHK	BE	583	177	IAML		0401	23.24			51	0.4				
SMLA	HZ	614	175	EP		0400	24.47-0.52								1.0
SMLA	HE	614	175	ES		0401	23.54	0.07							1.0
SMLA	HN	614	175	IAML		0401	26.24			82	0.4				
SMLA	HE	614	175	IAML		0401	31.22			64	0.2				
UTK	BZ	677	165	EP		0400	32.63	0.12							1.0
UTK	BN	677	165	ES		0401	36.48-0.01								1.0
UTK	BN	677	165	IAML		0401	42.57			113	0.2				
UTK	BE	677	165	IAML		0401	43.23			137	0.2				

May 29 2023 Hour: 15:10 3.8 Lat: 23.77N Lon: 93.80E D: 28.2 Ag: NCS Local
Magnitudes: 2.3ML NCS 2.7MW NCS Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMPI	HZ	59	239	EP		1510	14.90	0.09							1.0
CMPI	HN	59	239	ES		1510	22.92	0.05							1.0
CMPI	HN	59	239	IAML		1510	27.59			598	0.4				
CMPI	HE	59	239	IAML		1510	30.17			667	0.2				
AZL	SZ	114	268	EP		1510	22.34-0.46								1.0
AZL	SN	114	268	ES		1510	36.82	0.14							1.0
AZL	SN	114	268	IAML		1510	39.35			55	0.2				
AZL	SE	114	268	IAML		1510	41.47			114	0.2				
IMP	SZ	118	7	EP		1510	23.31-0.04								1.0
IMP	SN	118	7	ES		1510	38.16	0.52							1.0
IMP	SE	118	7	IAML		1510	42.27			44	0.4				
IMP	SN	118	7	IAML		1510	42.47			14	0.4				
SAIH	SZ	165	211	EP		1510	29.25	0.17							1.0
SAIH	SN	165	211	ES		1510	47.51-0.04								1.0
SAIH	SN	165	211	IAML		1510	52.33			44	0.9				
SAIH	SE	165	211	IAML		1510	52.59			72	1.0				
KOHI	SZ	218	8	EP		1510	35.47-0.10								1.0
KOHI	SE	218	8	ES		1510	58.46-0.33								1.0
KOHI	SE	218	8	IAML		1511	03.42			6	0.8				
KOHI	SN	218	8	IAML		1511	04.35			6	0.4				

May 29 2023 Hour: 16:50 55.3 Lat: 28.48N Lon: 91.30E D: 4.4 Ag: NCS Local
 Magnitudes: 2.5ML NCS 2.4MW NCS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TAWA	SZ	113	150	EP		1651	15.00	0.15							1.0
TAWA	SN	113	150	ES		1651	29.09	-0.00							1.0
TAWA	SE	113	150	IAML		1651	29.69			117	0.2				
TAWA	SN	113	150	IAML		1651	31.15			121	0.4				
TEZP	SN	254	144	ES		1652	02.05	-0.27							1.0
TEZP	SN	254	144	IAML		1652	03.22			26	0.2				
GTK	SZ	295	245	EP		1651	39.35	0.18							1.0
GTK	SN	295	245	ES		1652	11.30	0.13							1.0
GTK	SE	295	245	IAML		1652	15.81			29	0.4				
GTK	SN	295	245	IAML		1652	16.81			17	0.4				
DHUB	SZ	301	206	EP		1651	39.69	-0.19							1.0
TURA	SZ	345	198	EP		1651	45.10	-0.13							1.0
TURA	SN	345	198	ES		1652	21.55	-0.11							1.0
TURA	SN	345	198	IAML		1652	24.84			25	0.4				
TURA	SE	345	198	IAML		1652	25.00			41	0.4				
MOKO	SZ	398	126	EP		1651	51.28	-0.47							1.0
MOKO	SE	398	126	ES		1652	32.92	-0.01							1.0
MOKO	SN	398	126	IAML		1652	39.13			19	0.6				
MOKO	SE	398	126	IAML		1652	41.29			18	0.6				
KOHI	SZ	413	137	EP		1651	53.85	0.24							1.0
KOHI	SN	413	137	ES		1652	36.64	0.49							1.0
KOHI	SN	413	137	IAML		1652	52.20			9	1.5				
KOHI	SE	413	137	IAML		1652	54.19			13	1.3				

May 29 2023 Hour: 19:52 2.0 Lat: 34.00N Lon: 70.34E D: 15.0F Ag: NCS Local
 Magnitudes: 3.4ML NCS 3.3MW NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	439	107	EP		1953	02.44	0.28							1.0
JMU	BN	439	107	ES		1953	46.19	0.08							1.0
JMU	BE	439	107	IAML		1954	03.70			170	0.5				
JMU	BN	439	107	IAML		1954	06.64			169	0.4				
UDMP	HZ	461	104	EP		1953	05.48	0.73							1.0
UDMP	HN	461	104	ES		1953	50.69	0.10							1.0
THN	BZ	538	107	EP		1953	14.28	0.08							1.0
THN	BN	538	107	ES		1954	07.29	0.35							1.0
DHRM	HZ	590	108	EP		1953	19.48	-1.07							1.0
DHRM	HN	590	108	ES		1954	17.04	-0.88							1.0
DHRM	HE	590	108	IAML		1954	25.22			60	0.8				
DHRM	HN	590	108	IAML		1954	26.02			63	0.5				
BHK	BZ	683	113	EP		1953	31.78	-0.13							1.0
BHK	BE	683	113	ES		1954	37.65	0.08							1.0
BHK	BE	683	113	IAML		1954	38.63			30	0.0				
BHK	BN	683	113	IAML		1954	41.22			26	0.1				
SMLA	HZ	717	115	EP		1953	36.05	0.11							1.0
SMLA	HN	717	115	ES		1954	44.80	0.26							1.0
SMLA	HN	717	115	IAML		1954	52.19			31	0.6				
SMLA	HE	717	115	IAML		1954	55.88			37	0.5				

May 29 2023 Hour: 20: 5 33.4 Lat: 36.25N Lon: 69.47E D: 10.0F Ag: NCS Local
 Magnitudes: 3.9ML NCS 3.6MW NCS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	543	115	EP		2006	46.90	0.01							1.0
SRIN	BN	543	115	ES		2007	40.41	-0.14							1.0
SRIN	BE	543	115	IAML		2008	14.04			544	0.8				
SRIN	BN	543	115	IAML		2008	20.07			507	0.7				
JMU	BZ	624	126	EP		2006	56.77	-0.02							1.0
JMU	BN	624	126	ES		2007	57.41	-0.27							1.0
JMU	BN	624	126	IAML		2008	26.78			243	0.2				
JMU	BE	624	126	IAML		2008	38.39			216	0.3				
UDMP	HZ	637	124	EP		2006	58.35	0.09							1.0

UDMP	HN	637	124	ES	2008	00.41	0.20									1.0
DHRM	HZ	770	123	EP	2007	14.62	0.05									1.0
DHRM	HN	770	123	ES	2008	28.58	0.15									1.0
DHRM	HE	770	123	IAML	2008	32.72			103	0.7						
DHRM	HN	770	123	IAML	2008	41.10			127	0.4						
BHK	BZ	876	126	EP	2007	27.24	-0.23									1.0
BHK	BN	876	126	ES	2008	50.51	-0.24									1.0
BHK	BE	876	126	IAML	2008	51.88			50	0.9						
BHK	BN	876	126	IAML	2009	09.18			52	0.4						
SMLA	HZ	912	126	EP	2007	31.88	0.05									1.0
SMLA	HN	912	126	ES	2008	58.44	0.16									1.0
SMLA	HN	912	126	IAML	2009	02.62			33	0.2						
SMLA	HE	912	126	IAML	2009	04.91			40	0.4						
UTK	BZ	1034	124	EP	2007	46.73	0.05									1.0
UTK	BN	1034	124	ES	2009	24.11	0.13									1.0
UTK	BE	1034	124	IAML	2009	28.89			72	0.7						
UTK	BN	1034	124	IAML	2009	31.69			48	0.6						

May 29 2023 Hour: 22:24 2.0 Lat: 24.68N Lon: 92.93E D: 21.0 Ag: NCS Local

Magnitudes: 2.3ML NCS 2.4MW NCS

Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AZL	SZ	107	193	EP		2224	19.59	-0.40							1.0
AZL	SN	107	193	ES		2224	33.62	0.46							1.0
AZL	SN	107	193	IAML		2224	35.88			66	0.2				
AZL	SE	107	193	IAML		2224	35.94			58	0.3				
SHL	HZ	136	316	EP		2224	24.92	0.54							1.0
SHL	HN	136	316	ES		2224	40.70	-0.04							1.0
SHL	HE	136	316	IAML		2224	41.78			47	0.1				
SHL	HN	136	316	IAML		2224	42.24			65	0.2				
CMPI	HZ	137	164	EP		2224	24.46	-0.24							1.0
CMPI	HN	137	164	ES		2224	42.52	1.22							1.0
CMPI	HE	137	164	IAML		2224	46.26			49	0.2				
CMPI	HN	137	164	IAML		2224	46.81			38	0.3				
KOHI	SZ	165	46	EP		2224	27.63	-0.32							1.0
KOHI	SN	165	46	ES		2224	47.14	0.21							1.0
SAIH	SZ	243	179	EP		2224	36.58	-0.89							1.0
SAIH	SE	243	179	ES		2225	02.86	-0.54							1.0

May 29 2023 Hour: 22:47 37.6 Lat: 34.31N Lon: 70.42E D: 10.0F Ag: NCS Regional

Magnitudes: 3.6ML NCS 3.3MW NCS

Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	443	111	EP		2248	38.84	-0.11							1.0
JMU	BE	443	111	ES		2249	23.75	0.05							1.0
JMU	BN	443	111	IAML		2249	36.67			274	0.4				
JMU	BE	443	111	IAML		2249	38.86			241	0.3				
UDMP	HZ	463	108	EP		2248	41.11	-0.21							1.0
UDMP	HN	463	108	ES		2249	27.73	-0.07							1.0
THN	BZ	542	111	EP		2248	50.78	-0.22							1.0
THN	BN	542	111	ES		2249	44.79	0.24							1.0
DHRM	HZ	594	111	EP		2248	57.60	0.24							1.0
DHRM	HE	594	111	ES		2249	55.59	0.04							1.0
DHRM	HE	594	111	IAML		2250	20.66			187	0.5				
DHRM	HN	594	111	IAML		2250	22.80			163	0.9				
BHK	BZ	690	116	EP		2249	08.97	-0.14							1.0
BHK	BN	690	116	ES		2250	15.49	-0.38							1.0
BHK	BE	690	116	IAML		2250	37.29			55	0.5				
BHK	BN	690	116	IAML		2250	37.90			98	0.7				
SMLA	HZ	725	117	EP		2249	13.52	0.30							1.0
SMLA	HN	725	117	ES		2250	22.88	-0.11							1.0
SMLA	HE	725	117	IAML		2250	26.21			29	0.6				
SMLA	HN	725	117	IAML		2250	26.46			40	0.5				
UTK	BZ	852	116	EP		2249	28.87	0.13							1.0
UTK	BN	852	116	ES		2250	50.07	0.24							1.0
UTK	BN	852	116	IAML		2250	52.24			32	0.2				

UTK BE 852 116 IAML 2250 52.33 42 0.2

May 29 2023 Hour: 23:33 15.3 Lat: 23.58N Lon: 94.47E D: 10.4 Ag: NCS Local
 Magnitudes: 3.3ML NCS 3.1MW NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IMP	SZ	148	339	EP		2333	40.52	0.24							1.0
IMP	SN	148	339	ES		2333	58.43	-0.11							1.0
IMP	SN	148	339	IAML		2334	00.36			80	0.6				
IMP	SE	148	339	IAML		2334	07.25			73	0.2				
AZL	SZ	182	276	EP		2333	44.53	-0.06							1.0
AZL	SN	182	276	ES		2334	05.99	0.01							1.0
AZL	SN	182	276	IAML		2334	08.87			304	0.1				
AZL	SE	182	276	IAML		2334	09.01			735	0.2				
SAIH	SZ	194	232	EP		2333	45.17	-0.88							1.0
SAIH	SN	194	232	ES		2334	09.13	0.61							1.0
SAIH	SE	194	232	IAML		2334	12.74			194	0.9				
SAIH	SN	194	232	IAML		2334	13.36			122	0.7				
KOHI	SZ	240	351	EP		2333	51.61	-0.03							1.0
KOHI	SN	240	351	ES		2334	18.17	-0.00							1.0
KOHI	SN	240	351	IAML		2334	29.11			129	0.5				
KOHI	SE	240	351	IAML		2334	32.47			129	0.9				
MOKO	SZ	304	1	EP		2333	59.37	-0.10							1.0
MOKO	SN	304	1	ES		2334	31.77	0.05							1.0
MOKO	SN	304	1	IAML		2334	35.12			108	0.5				
MOKO	SE	304	1	IAML		2334	40.43			105	0.5				
BELO	SZ	311	264	EP		2334	00.12	-0.15							1.0
BELO	SN	311	264	ES		2334	33.05	-0.07							1.0
BELO	SN	311	264	IAML		2334	34.91			380	0.2				
SHL	HZ	334	312	EP		2334	04.11	1.02							1.0
SHL	HN	334	312	ES		2334	37.53	-0.45							1.0
SHL	HE	334	312	IAML		2334	41.18			506	0.2				
SHL	HN	334	312	IAML		2334	41.66			529	0.2				
TAWA	SZ	516	330	EP		2334	25.15	-0.13							1.0
TAWA	SN	516	330	ES		2335	16.38	-0.01							1.0
TAWA	SN	516	330	IAML		2335	20.59			327	0.2				
TAWA	SE	516	330	IAML		2335	20.73			308	0.1				
DHUB	SZ	527	302	EP		2334	26.67	0.07							1.0

May 30 2023 Hour: 0:52 7.5 Lat: 24.03N Lon: 143.10E D: 10.4 Ag: NCS Distant
 Magnitudes: 5.5MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AURD	HZ			EP		0102	29.74								
PWAL	BZ			EP		0102	07.83								
LKP	SZ	4731	285	EP		0100	03.20	0.02							1.0
MOKO	SZ	4877	284	EP		0100	13.83	-0.01							1.0
KOHI	SZ	4927	283	EP		0100	17.41	-0.01							1.0
IMP	SZ	4958	282	EP		0100	19.67	-0.01							1.0
CMPI	HZ	5049	280	EP		0100	26.48	0.10							1.0
SILR	SZ	5073	282	EP		0100	27.76	-0.11							1.0
SAIH	SZ	5104	279	EP		0100	30.18	0.03							1.0
AZL	SZ	5106	280	EP		0100	30.32	0.08							1.0
TAWA	SZ	5118	286	EP		0100	31.07	0.02							1.0
SHL	HZ	5139	283	EP		0100	32.56	-0.03							1.0
BELO	SZ	5241	280	EP		0100	39.73	-0.03							1.0
AGT	SZ	5247	281	EP		0100	40.19	-0.02							1.0
DHUB	SZ	5328	284	EP		0100	45.83	0.02							1.0
DGPR	HZ	5400	267	EP		0100	50.97	-0.01							0.0
GTK	SZ	5442	286	EP		0100	53.63	-0.11							1.0
JPG	BZ	5445	285	EP		0100	53.86	-0.07							1.0
CAL	BZ	5570	280	EP		0101	02.59	0.05							1.0
SHBG	BZ	5577	284	EP		0101	03.06	-0.02							1.0
JMUI	BZ	5723	283	EP		0101	12.88	0.01							1.0
STMR	BZ	5778	286	EP		0101	16.67	0.08							1.0
BOKR	HZ	5783	282	EP		0101	17.11	0.08							1.0

BWNR	BZ	5884	278	EP	0101	23.71-0.10	1.0
VLK	BZ	5896	287	EP	0101	24.43-0.02	1.0
VAR	BZ	6034	285	EP	0101	33.61 0.02	1.0
BRCH	BZ	6118	288	EP	0101	39.19 0.08	1.0
RAGD	BZ	6154	277	EP	0101	41.52 0.03	1.0
BLSP	BZ	6197	281	EP	0101	44.24 0.00	1.0
LKN	BZ	6206	287	EP	0101	44.79 0.02	1.0
PTH	BZ	6211	290	EP	0101	45.07 0.01	1.0
VISK	HZ	6215	276	EP	0101	45.43 0.03	1.0
JOSI	BZ	6254	292	EP	0101	47.80 0.00	1.0
MUKT	HZ	6266	290	EP	0101	48.79-0.15	1.0
BNDA	BZ	6291	286	EP	0101	50.27 0.04	1.0
UTK	BZ	6355	292	EP	0101	54.34 0.08	1.0
JBPL	HZ	6389	283	EP	0101	56.49 0.02	1.0
DDI	HZ	6400	292	EP	0101	57.01-0.14	1.0
ALCI	BZ	6409	296	EP	0101	57.58-0.13	1.0
KNKR	BZ	6450	275	EP	0102	00.55 0.10	1.0
JHNI	BZ	6459	286	EP	0102	00.96 0.04	1.0
SMLA	HZ	6467	293	EP	0102	01.46 0.11	1.0
BHK	BZ	6483	293	EP	0102	02.34-0.12	1.0
BISR	BZ	6497	290	EP	0102	03.36 0.05	1.0
JMIU	BZ	6511	290	EP	0102	04.14-0.05	1.0
CGRH	BZ	6512	292	EP	0102	04.25 0.04	1.0
NDI	HZ	6516	290	EP	0102	04.62 0.06	1.0
LDR	HZ	6518	290	EP	0102	04.63-0.03	1.0
NPL	BZ	6521	290	EP	0102	04.73-0.07	1.0
CNWR	HZ	6522	282	EP	0102	04.85-0.09	1.0
NRLA	BZ	6524	290	EP	0102	04.89-0.12	1.0
DHRM	HZ	6525	294	EP	0102	05.48 0.39	1.0
VJD	BZ	6528	275	EP	0102	05.41 0.09	1.0
AYAN	BZ	6530	290	EP	0102	05.45 0.07	1.0
SONA	BZ	6541	289	EP	0102	06.01 0.00	1.0
UJWA	BZ	6547	290	EP	0102	06.50 0.03	1.0
THN	BZ	6568	295	EP	0102	07.73-0.00	1.0
RTK	BZ	6584	291	EP	0102	08.78 0.07	1.0
UDMP	HZ	6621	295	EP	0102	11.02 0.01	1.0
SRIN	BZ	6629	297	EP	0102	11.52 0.03	1.0
BHPL	HZ	6637	284	EP	0102	11.65-0.43	1.0
JMU	BZ	6651	295	EP	0102	12.85-0.06	1.0
MDRS	HZ	6704	272	EP	0102	16.06-0.20	1.0
HYB	HZ	6708	277	EP	0102	16.60 0.01	1.0
CHUR	HZ	6741	290	EP	0102	18.52 0.05	1.0
SRGN	BZ	6803	292	EP	0102	22.31 0.05	1.0
KNL	HZ	6819	275	EP	0102	23.38 0.05	1.0
AJM	BZ	6821	288	EP	0102	23.41-0.02	1.0
ATP	HZ	6901	274	EP	0102	28.39 0.10	1.0
BKNR	BZ	6904	290	EP	0102	28.32-0.09	1.0
UDPR	BZ	6963	286	EP	0102	32.02 0.03	1.0
SLPR	HZ	6965	278	EP	0102	32.27 0.10	1.0
MYSR	HZ	7093	272	EP	0102	39.90 0.06	1.0
NASK	HZ	7097	281	EP	0102	40.03-0.05	1.0
POO	HZ	7143	280	EP	0102	42.80 0.05	1.0
KAD	BZ	7152	278	EP	0102	43.34 0.04	1.0
BHV	BZ	7204	284	EP	0102	46.36 0.02	1.0
BOM	BZ	7234	280	EP	0102	48.18 0.00	1.0
GOA	HZ	7255	277	EP	0102	49.07-0.24	1.0
BHUJ	HZ	7400	286	EP	0102	57.78 0.02	1.0
MNC	HZ	7619	270	EP	0103	10.31 0.03	1.0

May 30 2023 Hour: 17:45 53.1 Lat: 39.02N Lon: 74.14E D: 10.0F Ag: NCS Local
Magnitudes: 4.1ML NCS 4.0MW NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	555	174	EP		1747	08.67	0.66							1.0
SRIN	BE	555	174	ES		1748	03.32	0.64							1.0
SRIN	BE	555	174	IAML		1748	18.72			1536	1.5				
SRIN	BN	555	174	IAML		1748	24.65			1428	0.2				
UDMP	HZ	683	172	EP		1747	23.90	0.22							1.0
UDMP	HN	683	172	ES		1748	29.75	-0.03							1.0
JMU	BZ	695	175	EP		1747	24.09	-1.08							1.0
JMU	BN	695	175	ES		1748	30.41	-1.94							1.0
JMU	BN	695	175	IAML		1748	37.07			405	0.7				
THN	BZ	745	168	EP		1747	31.51	0.23							1.0
THN	BN	745	168	ES		1748	43.47	0.54							1.0
DHRM	HZ	777	165	EP		1747	35.58	0.46							1.0
DHRM	HE	777	165	ES		1748	50.17	0.60							1.0
DHRM	HE	777	165	IAML		1748	56.39			249	1.1				
DHRM	HN	777	165	IAML		1748	59.89			275	0.7				
SDNR	BZ	867	162	EP		1747	46.09	-0.07							1.0
SDNR	BN	867	162	ES		1749	09.08	0.40							1.0
SDNR	BE	867	162	IAML		1749	10.59			66	0.4				
SDNR	BN	867	162	IAML		1749	11.83			53	0.9				
BHK	BZ	883	162	EP		1747	48.71	0.56							1.0
BHK	BE	883	162	ES		1749	12.37	0.26							1.0
BHK	BE	883	162	IAML		1749	15.02			100	0.6				
BHK	BN	883	162	IAML		1749	17.17			130	0.7				
SMLA	HZ	918	162	EP		1747	52.61	0.29							1.0
SMLA	HN	918	162	ES		1749	19.57	0.25							1.0
SMLA	HN	918	162	IAML		1749	22.80			117	0.9				
SMLA	HE	918	162	IAML		1749	24.05			183	0.9				
UTK	BZ	1000	156	EP		1748	01.99	-0.31							1.0
UTK	BN	1000	156	ES		1749	36.24	-0.36							1.0
UTK	BN	1000	156	IAML		1749	39.53			169	0.9				
UTK	BE	1000	156	IAML		1749	46.10			209	1.0				
JOSI	BZ	1061	151	EP		1748	09.80	-0.01							1.0
JOSI	BN	1061	151	ES		1749	50.30	0.72							1.0
JOSI	BE	1061	151	IAML		1749	55.67			118	0.8				
JOSI	BN	1061	151	IAML		1749	58.12			83	1.0				
MUKT	HZ	1175	153	EP		1748	23.86	-0.20							1.0
MUKT	HN	1175	153	ES		1750	13.73	-0.51							1.0
MUKT	HE	1175	153	IAML		1750	20.60			40	1.2				
MUKT	HN	1175	153	IAML		1750	25.85			55	1.0				
PTH	BZ	1185	150	EP		1748	24.90	-0.03							1.0
PTH	BN	1185	150	ES		1750	15.45	-0.30							1.0
PTH	BN	1185	150	IAML		1750	25.50			33	0.3				
PTH	BE	1185	150	IAML		1750	30.76			33	0.8				
LGTI	BZ	1199	151	EP		1748	26.12	-0.61							1.0
LGTI	BE	1199	151	ES		1750	18.44	-0.41							1.0
LGTI	BN	1199	151	IAML		1750	24.37			28	0.6				
LGTI	BE	1199	151	IAML		1750	24.57			19	0.6				

May 30 2023 Hour: 18:30 9.6 Lat: 37.69N Lon: 73.57E D: 10.0F Ag: NCS Local
Magnitudes: 3.6ML NCS 3.5MW NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	548	165	EP		1831	23.73	0.14							1.0
UDMP	HN	548	165	ES		1832	17.06	-0.53							1.0
JMU	BZ	556	168	EP		1831	25.25	0.61							1.0
JMU	BN	556	168	ES		1832	19.81	0.40							1.0
JMU	BE	556	168	IAML		1832	28.82			97	0.7				
JMU	BN	556	168	IAML		1832	29.55			69	0.4				
THN	BZ	616	160	EP		1831	31.26	-0.72							1.0
THN	BN	616	160	ES		1832	31.87	-0.25							1.0
DHRM	HZ	653	157	EP		1831	36.21	-0.25							1.0

DHRM	HN	653	157	ES	1832	39.93	0.07										1.0
DHRM	HN	653	157	IAML	1832	55.47			84	0.5							
DHRM	HE	653	157	IAML	1832	55.74			53	0.5							
SMLA	HZ	799	155	EP	1831	54.01	-0.22										1.0
SMLA	HN	799	155	ES	1833	10.95	0.34										1.0
SMLA	HE	799	155	IAML	1833	21.73			68	0.7							
SMLA	HN	799	155	IAML	1833	22.79			42	1.4							
UTK	BZ	892	148	EP	1832	06.02	0.41										1.0
UTK	BN	892	148	ES	*1833	35.95	5.66										0.0
UTK	BE	892	148	IAML	1833	38.85			66	0.4							
UTK	BN	892	148	IAML	1833	39.48			58	0.6							

May 30 2023 Hour: 19:26 59.6 Lat: 25.72N Lon: 91.08E D: 19.0 Ag: NCS Local
Magnitudes: 3.0ML NCS 3.1MW NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TURA	SZ	89	256	EP		1927	14.52	-0.35							1.0
TURA	SN	89	256	ES		1927	25.65	-0.34							1.0
TURA	SE	89	256	IAML		1927	27.78		1106	0.0					
TURA	SN	89	256	IAML		1927	28.10		1020	0.2					
SHL	HZ	93	100	EP		1927	15.45	-0.08							1.0
SHL	HN	93	100	ES		1927	26.50	-0.63							1.0
SHL	HN	93	100	IAML		1927	28.17		886	0.2					
SHL	HE	93	100	IAML		1927	28.27		670	0.1					
DHUB	SZ	114	288	EP		1927	19.52	0.85							1.0
TEZP	SN	199	59	ES		1927	51.33	-0.64							1.0
TEZP	SN	199	59	IAML		1927	54.19		201	0.1					
TAWA	SZ	222	20	EP		1927	32.30	-0.49							1.0
TAWA	SN	222	20	ES		*1927	53.34	-3.66							0.0
TAWA	SN	222	20	IAML		1927	54.01		552	0.3					
TAWA	SE	222	20	IAML		1927	54.38		343	0.2					
GTK	SZ	304	306	EP		1927	43.21	0.40							1.0
GTK	SN	304	306	ES		1928	13.94	-0.38							1.0
GTK	SE	304	306	IAML		1928	15.95		40	0.6					
GTK	SN	304	306	IAML		1928	16.60		17	0.5					
MOKO	SZ	351	78	EP		1927	49.29	0.80							1.0
MOKO	SN	351	78	ES		1928	25.02	0.86							1.0
MOKO	SE	351	78	IAML		1928	25.83		16	0.3					
MOKO	SN	351	78	IAML		1928	28.10		17	0.1					

May 30 2023 Hour: 21:52 0.2 Lat: 37.40N Lon: 72.75E D: 10.0F Ag: NCS Local
Magnitudes: 3.3ML NCS 2.9MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	543	156	EP		2153	13.70	0.12							1.0
UDMP	HN	543	156	ES		2154	07.18	0.04							1.0
DHRM	HZ	658	149	EP		2153	27.41	-0.26							1.0
DHRM	HN	658	149	ES		2154	31.44	-0.06							1.0
DHRM	HN	658	149	IAML		2154	43.02		35	1.5					
DHRM	HE	658	149	IAML		2154	44.43		35	0.8					
SMLA	HZ	806	148	EP		2153	45.74	0.03							1.0
SMLA	HE	806	148	ES		2155	02.71	-0.01							1.0
SMLA	HE	806	148	IAML		2155	04.38		29	0.4					
SMLA	HN	806	148	IAML		2155	08.50		27	0.9					
MUKT	HZ	1089	142	EP		2154	20.72	0.10							1.0
MUKT	HE	1089	142	ES		2156	03.15	0.04							1.0
MUKT	HE	1089	142	IAML		2156	06.43		7	1.0					
MUKT	HN	1089	142	IAML		2156	10.18		7	0.5					

May 31 2023 Hour: 3:26 57.8 Lat: 36.37N Lon: 69.73E D: 189.0F Ag: NCS Local
Magnitudes: 3.7ML NCS 3.4MW NCS Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	625	126	EP		0328	19.56	-0.48							1.0
UDMP	HE	625	126	ES		0329	19.70	-0.41							1.0
ALCI	BZ	719	107	EP		0328	30.96	-0.11							1.0
ALCI	BE	719	107	ES		0329	39.28	0.09							1.0

ALCI	BN	719	107	IAML	0329	41.58			36	0.3					
ALCI	BE	719	107	IAML	0329	41.89			55	0.1					
DHRM	HZ	758	125	EP	0328	36.05	0.30								1.0
DHRM	HN	758	125	ES	0329	47.35	0.08								1.0
DHRM	HE	758	125	IAML	0329	50.23			144	0.5					
DHRM	HN	758	125	IAML	0329	50.50			89	0.3					
SMLA	HZ	901	128	EP	0328	52.99	0.31								1.0
SMLA	HE	901	128	ES	0330	16.79	0.22								1.0
SMLA	HE	901	128	IAML	0330	20.75			37	0.3					
SMLA	HN	901	128	IAML	0330	20.80			35	0.8					

May 31 2023 Hour: 7:12 51.3 Lat: 40.33N Lon: 76.84E D: 10.0F Ag: NCS Local
Magnitudes: 4.1ML NCS 3.4MW NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	679	177	EP		0714	21.35	-0.09							1.0
ALCI	BE	679	177	ES		0715	28.86	1.64							1.0
ALCI	BE	679	177	IAML		0716	09.03			159	0.6				
ALCI	BN	679	177	IAML		0716	09.29			101	0.7				
UDMP	HZ	837	191	EP		0714	40.64	0.00							1.0
UDMP	HN	837	191	ES		0716	00.64	0.20							1.0
DHRM	HZ	898	183	EP		0714	48.54	0.40							1.0
DHRM	HN	898	183	ES		0716	13.01	-0.41							1.0
DHRM	HE	898	183	IAML		0716	20.13			309	0.7				
DHRM	HN	898	183	IAML		0716	20.29			281	0.4				
BHK	BZ	991	179	EP		0715	00.18	0.66							1.0
BHK	BE	991	179	ES		0716	32.46	-0.65							1.0
BHK	BE	991	179	IAML		0716	37.74			93	0.8				
BHK	BN	991	179	IAML		0716	38.08			141	0.9				
SMLA	HZ	1021	178	EP		0715	02.13	-0.98							1.0
SMLA	HN	1021	178	ES		0716	38.55	-0.77							1.0
SMLA	HN	1021	178	IAML		0716	42.01			57	0.4				
SMLA	HE	1021	178	IAML		0716	47.70			85	0.6				

May 31 2023 Hour: 11:20 21.3 Ag: NCS Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MOKO	SZ			EP		1120	52.83								
MOKO	SN			ES		1121	15.36								
KOHI	SZ			EP		1120	53.34								
KOHI	SN			ES		1121	16.65								
IMP	SZ			EP		1120	54.76								
IMP	SN			ES		1121	19.22								
LKP	SZ			EP		1120	57.21								
LKP	SN			ES		1121	23.34								
ITAN	SN			ES		1121	40.59								
SILR	SN			ES		1121	43.29								
ZIRO	SZ			EP		1121	09.87								
ZIRO	SE			ES		1121	45.10								
TEZP	SN			ES		1121	49.86								
AZL	SZ			EP		1121	14.51								
AZL	SE			ES		1121	53.01								
SHL	HZ			EP		1121	18.58								
SHL	HE			ES		1122	00.29								
SAIH	SZ			EP		1121	21.28								
SAIH	SE			ES		1122	04.66								
TAWA	SN			ES		1122	18.05								
AGT	SZ			EP		1121	30.56								
AGT	SN			ES		1122	20.77								
BELO	SZ			EP		1121	31.27								
BELO	SN			ES		1122	22.15								
TURA	SZ			EP		1121	40.07								
TURA	SN			ES		1122	37.66								
DHUB	SZ			EP		1121	43.62								
JPG	BZ			EP		1121	59.06								
JPG	BN			ES		1123	12.13								

GTK	SN	ES	1123	18.14
SHBG	BZ	EP	1122	11.73
SHBG	BN	ES	1123	32.22
JMUI	BZ	EP	1122	29.43
JMUI	BN	ES	1124	09.93
BWNR	BZ	EP	1122	52.95
BWNR	BE	ES	1124	43.49
ALBI	BZ	EP	1123	23.48
ALBI	BN	ES	1125	36.19
RAGD	BZ	EP	1123	25.85
RAGD	BN	ES	1125	40.31
RAGD	BN	IS	1125	40.40
BLSP	BZ	EP	1123	26.07
BLSP	BN	ES	1125	40.80
PTH	BZ	EP	1123	49.50
PTH	BE	ES	1126	33.68
LGTI	BZ	EP	1123	50.33
LGTI	BN	ES	1126	35.34
JOSI	BZ	EP	1124	00.26
JOSI	BN	ES	1126	53.37
JHNI	BZ	EP	1124	03.44
JHNI	BN	ES	1126	59.21
UTK	BZ	EP	1124	12.38
UTK	BN	ES	1127	16.55
HNLY	BZ	EP	1124	15.61
HNLY	BN	ES	1127	22.76
VJD	BZ	EP	1124	15.86
VJD	BN	ES	1127	23.23
GUNA	BZ	EP	1124	18.93
GUNA	BE	ES	1127	28.85
NDI	HZ	EP	1124	20.80
NDI	HN	ES	1127	32.75
AYAN	BZ	EP	1124	21.77
AYAN	BN	ES	1127	33.87
SONA	BZ	EP	1124	21.44
SONA	BN	ES	1127	34.46
UJWA	BZ	EP	1124	23.88
UJWA	BE	ES	1127	38.36
SMLA	HZ	EP	1124	26.60
SMLA	HN	ES	1127	38.53
KUDL	HZ	EP	1124	27.86
KUDL	HN	ES	1127	46.40
BHK	BZ	EP	1124	30.49
BHK	BN	ES	1127	51.65
ALCI	BZ	EP	1124	39.32
ALCI	BN	ES	1128	09.50
THN	BZ	EP	1124	43.87
THN	BE	ES	1128	20.27
KNL	HZ	EP	1124	46.38
KNL	HN	ES	1128	24.48
AJM	BZ	EP	1124	46.71
AJM	BN	ES	1128	24.45
UDMP	HZ	EP	1124	52.23
UDMP	HE	ES	1128	36.34
JMU	BZ	EP	1124	54.35
JMU	BN	ES	1128	40.11
SALM	BZ	EP	1125	11.35
SALM	BN	ES	1129	11.63
P00	HZ	EP	1125	11.05
P00	HN	ES	1129	13.48
KAD	BZ	EP	1125	13.32
KAD	BE	ES	1129	15.40
BHV	BZ	EP	1125	17.05
BHV	BE	ES	1129	22.90

BOM	BZ	EP	1125	20.01
BOM	BE	ES	1129	27.48
KDGU	HZ	EP	1125	24.65
KDGU	HE	ES	1129	35.19
KOD	BZ	EP	1125	26.78
KOD	BN	ES	1129	38.61

May 31 2023 Hour: 12:22 14.2 Lat: 25.24N Lon: 95.80E D: 12.5 Ag: NCS Local
 Magnitudes: 3.1ML NCS 3.4MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MOKO	SZ	176	313	EP		1222	42.54	-0.02							1.0
MOKO	SN	176	313	ES		1223	03.33	0.08							1.0
MOKO	SE	176	313	IAML		1223	08.47		260	0.1					
MOKO	SN	176	313	IAML		1223	10.37		207	1.4					
KOHI	SZ	178	288	EP		1222	42.84	0.07							1.0
KOHI	SN	178	288	ES		1223	03.63	0.02							1.0
KOHI	SE	178	288	IAML		1223	12.68		293	0.8					
KOHI	SN	178	288	IAML		1223	14.55		216	1.7					
IMP	SZ	192	257	EP		1222	44.35	-0.08							1.0
IMP	SN	192	257	ES		1223	06.34	-0.14							1.0
IMP	SE	192	257	IAML		1223	16.55		90	0.7					
IMP	SN	192	257	IAML		1223	19.55		77	1.0					
CMPI	HZ	317	233	EP		1223	00.07	0.10							1.0
CMPI	HN	317	233	ES		1223	33.40	0.03							1.0
CMPI	HE	317	233	IAML		1223	45.82		141	0.3					
CMPI	HN	317	233	IAML		1223	50.61		115	0.6					
ZIRO	SZ	320	323	EP		1222	59.76	-0.29							1.0
ZIRO	SE	320	323	ES		1223	33.65	0.13							1.0
ZIRO	SN	320	323	IAML		1223	41.70		273	0.8					
ZIRO	SE	320	323	IAML		1223	43.50		172	0.5					
AZL	SZ	356	243	EP		1223	04.34	-0.13							1.0
AZL	SN	356	243	ES		1223	41.12	-0.04							1.0
AZL	SN	356	243	IAML		1223	55.31		29	1.0					
AZL	SE	356	243	IAML		1223	56.29		32	0.4					
SHL	HZ	385	276	EP		1223	08.16	0.17							1.0
SHL	HN	385	276	ES		1223	47.33	0.07							1.0
SHL	HE	385	276	IAML		1223	57.77		28	0.9					
SHL	HN	385	276	IAML		1223	58.09		82	0.6					
SAIH	SZ	417	224	EP		1223	12.07	0.04							1.0
SAIH	SN	417	224	ES		1223	54.26	0.02							1.0
SAIH	SE	417	224	IAML		1224	16.05		48	0.7					
SAIH	SN	417	224	IAML		1224	17.23		23	1.2					
TAWA	SE	471	305	ES		1224	05.34	-0.13							1.0
TAWA	SE	471	305	IAML		1224	10.64		137	0.7					
TAWA	SN	471	305	IAML		1224	13.48		109	0.7					
TURA	SZ	562	274	EP		1223	29.70	0.13							1.0
TURA	SN	562	274	ES		1224	24.53	-0.05							1.0
TURA	SE	562	274	IAML		1224	32.44		42	0.7					
TURA	SN	562	274	IAML		1224	32.58		40	1.0					

May 31 2023 Hour: 14:44 52.5 Lat: 25.24N Lon: 95.93E D: 12.2 Ag: NCS Local
 Magnitudes: 2.7ML NCS 3.2MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MOKO	SZ	186	310	EP		1445	22.04	-0.11							1.0
MOKO	SN	186	310	ES		1445	43.80	0.02							1.0
MOKO	SN	186	310	IAML		1445	58.76		115	0.3					
MOKO	SE	186	310	IAML		1446	00.41		79	1.6					
KOHI	SZ	191	287	EP		1445	22.72	-0.01							1.0
KOHI	SN	191	287	ES		1445	44.66	-0.12							1.0
KOHI	SN	191	287	IAML		1446	01.25		104	0.6					
KOHI	SE	191	287	IAML		1446	05.80		77	1.4					
IMP	SZ	206	258	EP		1445	24.71	0.27							1.0
IMP	SN	206	258	ES		1445	47.63	-0.11							1.0
IMP	SN	206	258	IAML		1446	01.35		23	0.7					

IMP	SE	206	258	IAML	1446	08.20		42	0.9	
ZIRO	SZ	328	321	EP	1445	39.54	0.12			1.0
ZIRO	SN	328	321	ES	1446	13.67	0.01			1.0
ZIRO	SE	328	321	IAML	1446	26.29		112	0.4	
ZIRO	SN	328	321	IAML	1446	30.51		195	0.9	
CMPI	HZ	329	235	EP	1445	39.54	-0.16			1.0
CMPI	HN	329	235	ES	1446	14.14	-0.01			1.0
CMPI	HE	329	235	IAML	1446	24.64		51	0.5	
CMPI	HN	329	235	IAML	1446	28.09		35	0.7	
AZL	SZ	368	244	EP	1445	44.41	0.06			1.0
AZL	SN	368	244	ES	1446	22.36	0.17			1.0
AZL	SE	368	244	IAML	1446	29.20		25	0.9	
AZL	SN	368	244	IAML	1446	34.34		13	0.7	
SAIH	SZ	427	225	EP	1445	51.42	-0.17			1.0
SAIH	SN	427	225	ES	1446	34.76	0.04			1.0
SAIH	SE	427	225	IAML	1446	44.05		20	0.8	
SAIH	SN	427	225	IAML	1446	45.80		11	1.4	