

Monthly Seismological Bulletin

from the

National Center For Seismology

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GENERAL INFORMATION

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

The general model used for all local and regional events,

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

The coda magnitude formula given by :

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

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

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

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

where D is the hypocentral distance (km).

The crustal velocity model used for DELHI REGION is:

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

The coda magnitude formula for KOYNA REGION is given by :

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

The coda magnitude formula for GUJARAT REGION is given by :

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

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

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

The coda magnitude formula for CHAMOLI REGION given by :

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

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

LIST OF SEISMOLOGICAL STATIONS:

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

STATION	LATITUDE	LONGITUDE	HEIGHT (m)	NAME
AGRA	27.1392N	78.0072E	160	AGRA
AGT	23.8889N	91.2463E	18	AGARTALA
AJM	26.4242N	74.6293E	497	AJMER
AKL	20.7018N	77.0146E	307	AKOLA
ALBI	25.3090N	81.8083E	98	ALLAHBAD
ALCI	34.2139N	77.1844E	3135	ALCHI (LEH)
AMRT	31.6459N	74.8570E	212	AMRITSAR
ARIA	26.1353N	87.4658E	51	JOGBANI
ASOR	28.7558N	77.7722E	213	ASAURA
ATP	14.6070N	77.6441E	292	ANANTPUR
AYAN	28.4822N	77.1265E	278	AYANAGAR
AZL	23.7385N	92.6896E	985	AIZWAL
BANG	13.0211N	77.5704E	832	BANGLORE
BARM	25.7521N	71.4124E	142	BARMER
BELO	23.2413N	91.4471E	24	BELONIA
BHGR	28.6921N	76.9263E	215	BAHADURGARH
BHK	31.3946N	76.3808E	369	BHAKRA
BHPL	23.2413N	77.4242E	473	BHOPAL
BHUJ	23.2541N	69.6540E	56	BHUJ
BHV	21.7502N	72.1455E	42	BHAVNAGAR
BISR	28.5704N	77.4390E	204	BISRACH
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	CAMPBELL BAY
CMPI	23.4951N	93.3103E	1678	CHAMPHAI
CNWR	22.0510N	78.9352E	637	CHHINDWARA
COBR	26.2941N	89.4615E	32	COOCHBEHAR
DDI	30.3222N	78.0541E	642	DEHRADUN
DGPR	13.1763N	92.9340E	9	DIGLIPUR
DHRM	32.2476N	76.3066E	1878	DHARAMSHALA
DHUB	26.0201N	89.9955E	21	DHUBRI
DIBR	27.4675N	94.9111E	68	DIBRUGARH
FBD	28.4146N	77.3132E	149	FARIDABAD
FTGH	27.3972N	79.5735E	138	FARRUKHABAD
GAYA	24.8029N	85.2316E	101	GAYA
GNR	29.1385N	77.0269E	230	GANAUR
GOA	15.4915N	73.8248E	11	GOA
GRKP	26.7381N	83.4386E	63	GORAKHPUR
GTK	27.3191N	88.6018E	1355	GANGTOK
GUNA	24.6492N	77.3320E	505	GUNA
GUWA	26.1933N	91.6915E	88	GUWAHATI
GWAL	26.2110N	78.2022E	165	GWALIOR
HAUL	28.0819N	96.5251E	1250	HAYULIANG
HING	19.6543N	77.0943E	419	HINGOLI

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

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

Abbreviations:

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

References:

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

August 1 2022 Hour: 16:3 57.8 Lat: 21.47N Lon: 99.76E D:197.4 Ag: NCS Regional
Magnitudes: 4.3ML NCS Rms: 1.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMPI	HZ	701	290	EP		1605	29.47	0.16							1.0
CMPI	HE	701	290	ES		1606	35.77	-0.34							1.0
CMPI	HE	701	290	IAML		1607	05.46			703	0.6				
IMP	SZ	702	303	EP		1605	29.08	-0.29							1.0
IMP	SE	702	303	ES		1606	38.67	2.46							1.0
IMP	SN	702	303	IAML		1607	09.14			849	0.7				
SAIH	SZ	709	280	EP		1605	29.35	-0.84							1.0
KOHI	SZ	745	310	EP		1605	35.20	0.73							1.0
KOHI	SE	745	310	ES		1606	42.79	-2.25							1.0
KOHI	SN	745	310	IAML		1607	13.62			74	0.7				
SHL	HZ	926	301	EP		1605	56.21	0.22							1.0
TURA	SZ	1072	297	EP		1606	13.40	0.14							1.0

August 1 2022 Hour: 17:49 20.7 Lat: 23.33N Lon: 94.35E D: 30.3 Ag: NCS Local
Magnitudes: 3.8ML NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHL	HZ	354	315	EP		1750	09.23	0.21							1.0
SHL	HN	354	315	ES		1750	43.82	-0.48							1.0
SHL	HE	354	315	IAML		1750	44.81			198	0.2				
COBR	BN	593	305	ES		1751	34.98	0.48							1.0
COBR	BN	593	305	IAML		1751	38.37			206	0.3				
BOKR	HN	865	275	ES		1752	31.82	-0.21							1.0
BOKR	HN	865	275	IAML		1752	40.54			141	0.4				

August 2 2022 Hour: 10:18 51.8 Ag: Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KOHI	SZ			EP		1024	29.52								
MOKO	SZ			EP		1024	35.53								
DHUB	SZ			EP		1024	23.19								
SHL	HZ			EP		1024	25.41								
ITAN	SZ			EP		1024	36.07								
CMPI	HZ			EP		1024	14.14								
AZL	SZ			EP		1025	25.09								
SAIH	SZ			EP		1024	06.20								

August 2 2022 Hour: 12:39 28.3 Lat: 26.17N Lon: 95.74E D: 19.6 Ag: NCS Local
Magnitudes: 4.4ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKP	SZ	129	5	EP		1239	49.31	-0.28							1.0
LKP	SN	129	5	ES		1240	04.96	-0.17							1.0
LKP	SN	129	5	IAML		1240	07.42			2390	0.2				
KOHI	SZ	171	253	EP		1239	56.11	0.88							1.0
ITAN	SZ	228	299	EP		1240	02.94	0.90							1.0
ITAN	SE	228	299	ES		1240	27.73	1.05							1.0
ITAN	SN	228	299	IAML		1240	31.90			132000	0.3				
IMP	SZ	234	231	EP		1240	03.51	0.65							1.0
IMP	SN	234	231	ES		1240	28.95	0.85							1.0
ZIRO	SZ	241	309	EP		1240	03.64	0.08							1.0
ZIRO	SN	241	309	ES		1240	28.83	-0.48							1.0
ZIRO	SE	241	309	IAML		1240	32.47			9571	0.4				
SHL	HZ	395	261	EP		1240	21.81	-0.81							1.0
SHL	HN	395	261	ES		1241	01.36	-0.92							1.0
TAWA	SZ	416	293	EP		1240	25.70	0.71							1.0
TAWA	SN	416	293	ES		1241	06.51	0.12							1.0
TAWA	SN	416	293	IAML		1241	11.55			1168	0.3				
SAIH	SZ	494	215	EP		1240	34.73	0.04							1.0
SAIH	SN	494	215	ES		1241	22.77	-0.39							1.0
TURA	SZ	558	264	EP		1240	41.42	-0.91							1.0
TURA	SN	558	264	ES		1241	35.95	-0.43							1.0
TURA	SN	558	264	IAML		1241	39.47			290	0.2				

DHUB	SZ	575	270	EP		1240	43.39	-1.00										1.0
GTK	SN	722	282	ES		1242	11.27	0.11										1.0
GTK	SN	722	282	IAML		1242	16.76				129	0.4						

August 2 2022 Hour: 13:42 33.1 Lat: 32.65N Lon: 69.34E D: 10.0F Ag: NCS Regional
Magnitudes: 4.0ML NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	542	85	EP		1343	47.35	0.88							1.0
UDMP	HN	542	85	ES		1344	40.08	0.04							1.0
UDMP	HN	542	85	IAML		1344	43.15			561	0.2				
THN	BN	607	90	ES		1344	53.15	-0.58							1.0
THN	BN	607	90	IAML		1344	58.76			76	0.5				
DHRM	HZ	656	92	EP		1343	59.85	-0.68							1.0
DHRM	HN	656	92	ES		1345	05.03	0.68							1.0
DHRM	HN	656	92	IAML		1345	08.52			937	0.3				
SMLA	HZ	759	101	EP		1344	12.84	-0.27							1.0
SMLA	HN	759	101	ES		1345	25.84	-0.28							1.0
SMLA	HE	759	101	IAML		1345	32.72			54	0.4				
KUDL	HN	849	124	ES		1345	44.92	0.21							1.0

August 2 2022 Hour: 17:58 15.5 Lat: 25.29N Lon: 90.94E D: 28.8 Ag: NCS Regional
Magnitudes: 2.3ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHL	HZ	97	72	EP		1758	31.57	-0.60							1.0
TAWA	SZ	271	20	EP		1758	54.63	0.91							1.0
KOHI	SN	322	81	ES		1759	32.46	-0.12							1.0
KOHI	SN	322	81	IAML		1759	37.85			12	0.4				
GTK	SZ	324	314	EP		1759	00.96	0.71							1.0
GTK	SE	324	314	ES		1759	32.02	-0.90							1.0
GTK	SE	324	314	IAML		1759	32.91			15	0.1				

August 4 2022 Hour: 3:17 15.4 Lat: 25.18N Lon: 93.79E D: 25.4 Ag: NCS Local
Magnitudes: 4.0ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IMP	SZ	42	158	EP		0317	25.29	0.18							1.0
IMP	SN	42	158	ES		0317	31.14	-0.98							1.0
IMP	SN	42	158	IAML		0317	31.91			117000	0.3				
KOHI	SZ	68	28	EP		0317	29.35	0.03							1.0
KOHI	SE	68	28	ES		0317	39.16	-0.21							1.0
KOHI	SN	68	28	IAML		0317	42.01			8511	0.3				
SILR	SZ	109	246	EP		0317	35.61	0.34							1.0
SILR	SE	109	246	ES		0317	51.21	1.60							1.0
SILR	SN	109	246	IAML		0318	00.53			4139	0.9				
SHL	HZ	199	283	EP		0317	48.22	-0.42							1.0
AGT	SN	295	241	ES		0318	31.44	-0.14							1.0
AGT	SN	295	241	IAML		0318	33.52			281	0.4				
TAWA	SN	329	325	EP		0318	03.84	-0.19							1.0
LKP	SE	329	43	ES		0318	40.73	1.67							1.0
TAWA	SN	329	325	ES		0318	38.05	-1.01							1.0
TAWA	SN	329	325	IAML		0318	41.60			788	0.2				
DHUB	SZ	392	285	EP		0318	10.83	-0.88							1.0

August 4 2022 Hour: 6:26 58.0 Lat: 23.07N Lon: 82.80E D: 11.7 Ag: NCS Local
Magnitudes: 3.3ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RAIP	HZ	237	210	EP		0627	33.20	-0.59							1.0
RAIP	HN	237	210	ES		0627	59.06	-0.86							1.0
VAR	BE	244	5	ES		0628	02.24	0.76							1.0
KNTI	BZ	261	77	EP		0627	35.49	-1.27							1.0
KNTI	BN	261	77	ES		0628	04.83	-0.23							1.0
KNTI	BN	261	77	IAML		0628	06.57			1157	0.2				
ALBI	BZ	268	338	EP		0627	38.24	0.70							1.0
ALBI	BN	268	338	ES		0628	05.91	-0.50							1.0
ALBI	BN	268	338	IAML		0628	09.02			190	0.2				

RAGD	BZ	429	171	EP	0627	58.45	1.16										1.0
RAGD	BE	429	171	ES	0628	41.41	0.84										1.0
RAGD	BN	429	171	IAML	0628	41.97				24	0.2						

August 4 2022 Hour: 19:8 5.6 Lat: 36.64N Lon: 71.17E D:150.0F Ag: NCS Regional
Magnitudes: 4.9ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BN	438	130	ES		1909	47.33	-0.99							1.0
ALCI	BZ	609	114	EP		1909	24.94	-0.42							1.0
ALCI	BN	609	114	ES		1910	25.40	1.82							1.0
ALCI	BN	609	114	IAML		1910	28.14			886	0.1				
THN	BZ	631	136	EP		1909	28.40	0.76							1.0
THN	BN	631	136	ES		1910	26.85	-0.68							1.0
THN	BE	631	136	IAML		1910	30.73			3032	0.4				
DHRM	HZ	678	134	EP		1909	33.50	0.02							1.0
DHRM	HE	678	134	ES		1910	37.61	-0.01							1.0
DHRM	HN	678	134	IAML		1910	40.94			5650	0.4				
SDNR	BN	775	135	EP		1909	45.15	0.22							1.0
SDNR	BN	775	135	ES		1910	56.83	-0.61							1.0
SDNR	BN	775	135	IAML		1911	02.15			998	0.4				
SRGN	BZ	787	160	EP		1909	47.12	0.91							1.0
SRGN	BE	787	160	ES		1910	59.57	-0.07							1.0
SRGN	BE	787	160	IAML		1911	03.78			2165	0.3				
BHK	BZ	789	136	EP		1909	44.15	-2.32							1.0
SMLA	HZ	825	136	EP		1909	51.82	0.75							1.0
SMLA	HE	825	136	ES		1911	08.40	0.34							1.0
SMLA	HN	825	136	IAML		1911	13.44			1676	0.3				
CGRH	BE	836	140	ES		1911	09.39	-0.54							1.0
CGRH	BE	836	140	IAML		1911	13.75			2917	0.3				
KUDL	HZ	1066	151	EP		1910	19.28	-0.51							1.0
KUDL	HE	1066	151	ES		1911	56.73	-1.01							1.0
LGTI	BZ	1156	131	EP		1910	30.94	0.16							1.0
LGTI	BN	1156	131	ES		1912	17.45	0.70							1.0
LGTI	BE	1156	131	IAML		1912	20.77			95	0.4				
AJM	BZ	1179	163	EP		1910	33.15	-0.17							1.0
AJM	BZ	1179	163	ES		1912	22.80	1.65							1.0
AJM	BN	1179	163	IAML		1912	24.70			121	0.6				

August 5 2022 Hour: 3:20 59.2 Lat: 36.46N Lon: 70.83E D:216.1 Ag: NCS Regional
Magnitudes: 3.9ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BN	548	137	ES		0323	07.78	0.07							1.0
JMU	BE	548	137	IAML		0323	12.44			131	0.3				
THN	BZ	638	133	EP		0322	23.48	-0.38							1.0
THN	BN	638	133	ES		0323	24.56	-1.07							1.0
THN	BN	638	133	IAML		0323	28.88			107	0.3				
DHRM	HZ	687	131	EP		0322	30.90	1.22							1.0
DHRM	HN	687	131	ES		0323	36.55	0.85							1.0
DHRM	HN	687	131	IAML		0323	39.10			111	0.2				
SMLA	HN	832	133	ES		0324	05.40	0.06							1.0
SMLA	HN	832	133	IAML		0324	10.44			77	0.4				
HNLY	BZ	850	116	EP		0322	48.74	-0.46							1.0
KUDL	HZ	1064	148	EP		0323	13.76	-0.34							1.0
KUDL	HE	1064	148	ES		0324	52.59	0.05							1.0
KUDL	HE	1064	148	IAML		0324	57.94			134	0.3				

August 5 2022 Hour: 7:59 27.2 Lat: 20.97N Lon: 73.40E D: 25.3 Ag: NCS Local
Magnitudes: 3.3ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRAT	HZ	69	286	EP		0759	39.12	-0.34							1.0
SRAT	HN	69	286	ES		0759	48.82	0.41							1.0
SRAT	HE	69	286	IAML		0759	50.39			14835	0.2				
BHV	BZ	156	304	EP		0759	51.19	-0.41							1.0
BHV	BN	156	304	ES		0800	10.12	0.71							1.0

BHV	BN	156	304	IAML	0800	13.44			144	0.3				
BOM	BZ	237	195	EP	0759	59.81	-1.74							1.0
BOM	BN	237	195	ES	0800	25.40	-1.23							1.0
BOM	BN	237	195	IAML	0800	29.54			235	0.3				
POO	HZ	274	170	EP	0800	06.38	0.26							1.0
POO	HE	274	170	ES	0800	35.84	1.31							1.0
POO	HE	274	170	IAML	0800	37.86			120	0.2				
KAD	BZ	414	168	EP	0800	24.33	1.18							1.0
KAD	BE	414	168	ES	*0801	13.36	9.36							0.0
LATR	BZ	434	130	EP	0800	26.00	0.39							1.0
LATR	BN	434	130	ES	*0801	19.39	11.1							0.0
NRDN	BN	435	63	ES	0801	07.91	-0.55							1.0
NRDN	BN	435	63	IAML	0801	09.96			62	0.4				

August 5 2022 Hour: 13:28 10.4 Lat: 39.95N Lon: 74.24E D: 22.8 Ag: NCS Regional
Magnitudes: 4.3ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THN	BZ	844	170	EP		1330	00.79	1.61							1.0
THN	BN	844	170	ES		1331	18.48	-0.10							1.0
THN	BN	844	170	IAML		1331	27.01			138	0.6				
DHRM	HZ	874	167	EP		1330	03.47	0.65							1.0
DHRM	HN	874	167	ES		1331	26.05	1.17							1.0
DHRM	HE	874	167	IAML		1331	37.25			204	0.5				
SDNR	BZ	963	165	EP		1330	14.05	0.36							1.0
SDNR	BE	963	165	ES		1331	43.82	0.14							1.0
BHK	BZ	979	165	EP		1330	14.23	-1.45							1.0
BHK	BN	979	165	ES		1331	46.47	-0.66							1.0
SMLA	HZ	1014	164	EP		1330	20.85	1.07							1.0
SMLA	HN	1014	164	ES		1331	53.48	-0.74							1.0
SMLA	HE	1014	164	IAML		1332	03.22			93	0.3				
KUDL	HZ	1325	170	EP		1330	57.13	-0.77							1.0
KUDL	HE	1325	170	ES		1332	59.70	-0.47							1.0
KUDL	HE	1325	170	IAML		1333	07.33			229	0.4				
AJM	BZ	1500	178	EP		1331	17.69	-1.48							1.0
AJM	BN	1500	178	ES		1333	37.61	0.64							1.0

August 5 2022 Hour: 19:35 55.4 Lat: 37.27N Lon: 72.33E D:283.9 Ag: NCS Regional
Magnitudes: 4.1ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BE	555	126	ES		1938	10.16	-0.79							1.0
JMU	BZ	557	154	EP		1937	13.91	0.25							1.0
JMU	BN	557	154	ES		1938	09.91	-0.88							1.0
JMU	BN	557	154	IAML		1938	13.70			162	0.4				
THN	BZ	620	149	EP		1937	21.23	0.63							1.0
THN	BN	620	149	ES		1938	23.40	0.61							1.0
THN	BN	620	149	IAML		1938	27.36			196	0.4				
DHRM	HZ	666	146	EP		1937	26.54	0.63							1.0
DHRM	HN	666	146	ES		1938	32.38	0.39							1.0
DHRM	HE	666	146	IAML		1938	35.00			221	0.6				
BHK	BN	750	149	ES		1938	48.48	0.22							1.0
BHK	BN	750	149	IAML		1938	55.66			101	0.3				
SDNR	BZ	769	145	EP		1937	37.39	-0.10							1.0
SDNR	BE	769	145	ES		1938	52.28	0.27							1.0
SMLA	HZ	814	145	EP		1937	42.64	-0.22							1.0
SMLA	HE	814	145	ES		1939	01.71	0.40							1.0
SMLA	HE	814	145	IAML		1939	06.30			139	0.3				
KUDL	HZ	1084	158	EP		1938	13.10	-1.01							1.0
KUDL	HE	1084	158	ES		1939	54.98	-0.39							1.0
KUDL	HN	1084	158	IAML		1940	00.28			187	0.1				

August 5 2022 Hour: 22:12 37.6 Lat: 28.25N Lon: 77.09E D: 19.9 Ag: NCS Local
Magnitudes: 2.4ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SONA	BZ	3	254	EP		2212	41.07	-0.02							1.0
SONA	BN	3	254	ES		2212	43.94	0.28							1.0
AYAN	BZ	26	7	EP		2212	43.74	0.54							1.0
AYAN	BE	26	7	ES		2212	47.36	0.05							1.0
AYAN	BN	26	7	IAML		2212	49.26			82	0.1				
PWAL	BZ	26	116	EP		2212	41.20	-2.06							1.0
JMIU	BZ	40	29	EP		2212	45.51	0.20							1.0
JMIU	BN	40	29	ES		2212	50.79	-0.18							1.0
JMIU	BE	40	29	IAML		2212	51.78			284	0.1				
NPL	BZ	43	10	EP		2212	46.46	0.65							1.0
NPL	BN	43	10	ES		2212	52.22	0.40							1.0
NPL	BN	43	10	IAML		2212	53.80			381	0.2				
BISR	BZ	49	44	EP		2212	46.19	-0.43							1.0
KUDL	HZ	61	258	EP		2212	48.31	-0.21							1.0
KUDL	HN	61	258	ES		2212	56.95	0.43							1.0
NRLA	BZ	67	360	ES		2212	56.57	-1.39							1.0
NRLA	BZ	67	360	IAML		2213	02.67			264	0.3				
UNCH	BZ	80	85	EP		2212	52.33	0.89							1.0
UNCH	BN	80	85	ES		2213	02.40	0.83							1.0

August 5 2022 Hour: 23:41 5.5 Lat: 27.83N Lon: 85.06E D: 15.2 Ag: NCS Local
Magnitudes: 4.3ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
STMR	BZ			EP		2341	28.94								
STMR	BE			ES		2341	43.42								
JMUI	BZ	342	160	EP		2341	57.06	0.24							1.0
BRCH	BE	344	266	ES		2342	36.65	2.43							1.0
BRCH	BN	344	266	IAML		2342	46.22			2130	0.4				
GTK	SZ	354	98	EP		2341	59.02	0.12							1.0
GTK	SN	354	98	ES		2342	37.75	0.43							1.0
GTK	SN	354	98	IAML		2342	45.90			1374	0.5				
SHBG	BZ	386	138	EP		2342	02.51	0.36							1.0
SHBG	BN	386	138	ES		2342	43.31	0.40							1.0
SHBG	BN	386	138	IAML		2342	54.94			598	0.5				
BOKR	HZ	455	169	EP		2342	10.78	-0.05							1.0
BOKR	HN	455	169	ES		2342	57.78	-0.05							1.0
BOKR	HE	455	169	IAML		2343	16.34			944	0.8				
PTH	BZ	512	293	EP		2342	19.16	0.67							1.0
PTH	BN	512	293	ES		2343	10.93	-0.09							1.0
DHUB	SZ	530	111	EP		2342	19.39	-0.53							1.0
TURA	SZ	582	115	EP		2342	25.38	-1.19							1.0
TURA	SN	582	115	ES		2343	24.24	-0.68							1.0
JOSI	BZ	614	301	EP		2342	32.52	1.23							1.0
TAWA	SZ	672	91	EP		2342	39.18	1.59							1.0
TAWA	SN	672	91	ES		2343	44.73	0.87							1.0
SHL	HZ	721	109	EP		2342	43.13	-1.20							1.0
SHL	HN	721	109	ES		2343	54.21	-1.25							1.0
AGT	SZ	759	124	EP		2342	48.96	0.74							1.0
BWNR	BZ	838	175	EP		2342	58.56	0.56							1.0
BWNR	BN	838	175	ES		2344	19.34	0.37							1.0
SMLA	HZ	848	297	EP		2342	59.71	-0.01							1.0
SMLA	HE	848	297	ES		2344	21.41	-0.52							1.0
SMLA	HE	848	297	IAML		2344	28.51			163	0.4				
BHPL	HZ	920	238	EP		2343	06.84	-1.57							1.0
BHPL	HE	920	238	ES		2344	36.74	-0.14							1.0
BHPL	HE	920	238	IAML		2344	38.44			688	0.4				
BHK	BZ	926	297	EP		*2343	04.20	-4.89							0.0
BHK	BE	926	297	ES		*2344	29.82	-3.34							0.0
BHK	BN	926	297	IAML		2344	42.03			715	0.3				
DHRM	HZ	976	302	EP		2343	15.41	-0.60							1.0

DHRM	HN	976	302	ES		2344	49.30-0.66									1.0
DHRM	HN	976	302	IAML		2344	56.47		140	0.6						
AJM	BZ	1043	264	EP		2343	23.23-0.34									1.0
AJM	BN	1043	264	ES		2345	01.83-1.13									1.0
AJM	BE	1043	264	IAML		2345	07.04		551	0.4						

August 6 2022 Hour: 11:10 11.3 Lat: 36.79N Lon: 71.24E D: 10.0F Ag: NCS Regional
Magnitudes: 3.8ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BE	553	142	ES		1112	22.91	0.50							1.0
JMU	BE	553	142	IAML		1112	27.69			59	0.2				
TSSA	BZ	631	133	EP		1111	37.53	0.66							1.0
TSSA	BN	631	133	ES		1112	39.51	0.16							1.0
TSSA	BE	631	133	IAML		1112	41.48			78	0.2				
THN	BZ	638	138	EP		1111	36.96-0.61								1.0
THN	BE	638	138	ES		1112	41.20	0.64							1.0
THN	BN	638	138	IAML		1112	43.53			383	0.4				
DHRM	HZ	685	136	EP		1111	44.42	0.95							1.0
DHRM	HN	685	136	ES		1112	51.12	0.34							1.0
DHRM	HE	685	136	IAML		1112	54.61			67	0.3				
SDNR	BN	782	137	ES		1113	10.04-1.04								1.0
SMLA	HZ	833	137	EP		1112	00.49-1.00								1.0
SMLA	HN	833	137	ES		1113	21.35-0.60								1.0
SMLA	HN	833	137	IAML		1113	25.09			306	0.2				

August 6 2022 Hour: 13:37 8.1 Lat: 34.88N Lon: 70.54E D:129.5 Ag: NCS Regional
Magnitudes: 4.4ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BKNR	BN			ES		1340	08.10								
CGRH	BN			ES		1339	59.20								
CGRH	BN			IAML		1340	01.59			993	0.4				
TLWR	BE			ES		1339	27.92								
TLWR	BE			IAML		1339	30.43			569	0.5				
SRIN	BN	405	101	ES		1338	45.71-0.50								1.0
SRIN	BE	405	101	IAML		1339	02.21			2986	0.7				
JMU	BZ	470	120	EP		1338	12.76-0.15								1.0
JMU	BE	470	120	ES		1338	59.05-0.55								1.0
JMU	BE	470	120	IAML		1339	01.25			836	0.6				
THN	BZ	551	118	EP		1338	24.23	1.07							1.0
THN	BN	551	118	ES		1339	19.37	2.15							1.0
THN	BN	551	118	IAML		1339	21.48			430	0.5				
DHRM	HZ	609	117	EP		1338	30.64-0.21								1.0
DHRM	HN	609	117	ES		1339	29.99-0.47								1.0
DHRM	HN	609	117	IAML		1339	34.88			867	0.5				
BHK	BZ	669	123	EP	*	1338	44.90	7.46							0.0
BHK	BN	669	123	ES	*	1339	43.42-5.83								0.0
SDNR	BZ	707	120	EP		1338	40.97-1.13								1.0
SDNR	BN	707	120	ES		1339	48.74-1.06								1.0
SDNR	BE	707	120	IAML		1339	52.12			339	0.6				
SMLA	HZ	746	122	EP		1338	47.27	0.17							1.0
SMLA	HN	746	122	ES		1339	59.39	0.98							1.0
SMLA	HN	746	122	IAML		1340	02.81			399	0.3				
DDI	HN	867	124	ES		1340	24.01	0.19							1.0
DDI	HN	867	124	IAML		1340	29.30			438	0.3				
NDI	HZ	933	136	EP		1339	10.43	0.68							1.0
NDI	HE	933	136	ES		1340	37.68	0.32							1.0
NDI	HN	933	136	IAML		1340	40.54			1229	0.3				
KUDL	HZ	936	141	EP		1339	09.72-0.27								1.0
KUDL	HN	936	141	ES		1340	36.94-0.83								1.0
KUDL	HE	936	141	IAML		1340	40.83			1211	0.2				
JOSI	BE	971	117	ES		1340	46.42-0.39								1.0
JOSI	BE	971	117	IAML		1340	49.83			100	0.3				

August 6 2022 Hour: 15:21 29.7 Lat: 36.10N Lon: 70.33E D:220.0F Ag: NCS Regional
Magnitudes: 4.4ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	466	118	EP		1522	35.16	-0.02							1.0
SRIN	BN	466	118	ES		1523	23.11	0.16							1.0
SRIN	BE	466	118	IAML		1523	26.85			7828	0.4				
JMU	BZ	553	130	EP		1522	46.68	1.07							1.0
JMU	BN	553	130	ES		1523	42.86	1.86							1.0
JMU	BE	553	130	IAML		1523	48.82			892	0.4				
THN	BZ	647	127	EP		1522	56.82	-0.22							1.0
THN	BE	647	127	ES		1524	00.26	-0.51							1.0
THN	BE	647	127	IAML		1524	04.03			364	0.3				
DHRM	HZ	697	126	EP		1523	04.69	1.38							1.0
DHRM	HN	697	126	ES		1524	11.71	0.08							1.0
DHRM	HE	697	126	IAML		1524	13.00			1063	0.8				
SDNR	BZ	791	128	EP		1523	14.97	0.22							1.0
SDNR	BE	791	128	ES		1524	30.82	-0.59							1.0
SDNR	BE	791	128	IAML		1524	32.94			107	0.3				
BHK	BZ	804	129	EP		*1523	12.18	-4.02							0.0
BHK	BN	804	129	ES		*1524	25.78	-4.11							0.0
SMLA	HZ	840	129	EP		1523	20.78	-0.04							1.0
SMLA	HE	840	129	ES		1524	40.72	-1.18							1.0
SMLA	HE	840	129	IAML		1524	42.47			180	0.4				
NDI	HZ	1045	140	EP		1523	44.34	-1.34							1.0
NDI	HE	1045	140	ES		1525	24.86	-0.05							1.0
NDI	HN	1045	140	IAML		1525	27.56			463	0.3				
KUDL	HZ	1056	145	EP		1523	46.48	-0.46							1.0
KUDL	HE	1056	145	ES		1525	26.69	-0.41							1.0
KUDL	HN	1056	145	IAML		1525	32.12			376	0.4				
SONA	BZ	1077	142	EP		1523	49.18	-0.32							1.0
SONA	BE	1077	142	ES		1525	31.10	-0.43							1.0
SONA	BN	1077	142	IAML		1525	35.19			463	0.3				
AJM	BZ	1147	158	EP		1523	57.81	-0.36							1.0
AJM	BE	1147	158	ES		1525	47.68	1.16							1.0
AJM	BE	1147	158	IAML		1525	57.09			11	0.4				

August 6 2022 Hour: 18:31 52.2 Lat: 22.84N Lon: 94.08E D: 39.4 Ag: NCS Local
Magnitudes: 3.2ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AZL	SZ	173	305	EP		*1833	32.22	74.6							0.0
AZL	SE	173	305	ES		*1833	37.17	-13.6							0.0
AZL	SN	173	305	IAML		1833	38.63			249	0.4				
IMP	SZ	220	357	EP		1832	23.54	0.20							1.0
IMP	SN	220	357	ES		1832	44.95	-1.13							1.0
IMP	SN	220	357	IAML		1832	49.49			45	0.5				
SHL	HZ	377	324	EP		1832	42.00	-0.57							1.0
SHL	HE	377	324	ES		1833	19.58	0.24							1.0
SHL	HN	377	324	IAML		1833	24.35			323	0.3				
TURA	SN	491	308	EP		1832	56.26	-0.08							1.0
TURA	SE	491	308	ES		1833	42.60	-0.57							1.0
TURA	SN	491	308	IAML		1833	49.03			30	0.2				
TAWA	SZ	572	338	EP		1833	06.91	0.72							1.0
TAWA	SE	572	338	ES		1834	01.41	1.20							1.0
TAWA	SN	572	338	IAML		1834	04.82			115	0.4				

August 7 2022 Hour: 15:44 43.9 Lat: 10.95N Lon: 93.44E D: 65.2 Ag: NCS Local
Magnitudes: 3.7ML NCS 4.4MW NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PBA	HZ	109	315	EP		1545	01.51	-0.42							1.0
DGPR	HZ	252	347	EP		1545	20.02	1.01							1.0
DGPR	HE	252	347	ES		1545	44.47	-0.20							1.0
DGPR	HE	252	347	IAML		1545	47.09			643	0.6				
BWNR	BZ	1314	322	EP		1547	28.98	0.74							1.0

VISK	HZ	1323	306	EP		1547	28.93-0.42									1.0
AZL	SZ	1417	357	EP		*1548	53.85 73.0									0.0
IMP	SZ	1536	2	EP		1547	54.45-0.74									1.0

August 8 2022 Hour: 4:30 6.9 Lat: 36.66N Lon: 71.54E D:216.1 Ag: NCS Regional
Magnitudes: 4.1ML NCS 3.9MW NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BN	526	144	ES		0432	10.54-0.40								1.0
TSSA	BZ	603	134	EP		0431	27.31-0.30								1.0
TSSA	BE	603	134	ES		0432	25.58-0.93								1.0
TSSA	BN	603	134	IAML		0432	29.05			204	0.5				
THN	BZ	611	139	EP		0431	29.35 1.00								1.0
THN	BE	611	139	ES		0432	28.32 0.53								1.0
THN	BN	611	139	IAML		0432	30.39			729	0.3				
DHRM	HZ	657	137	EP		0431	34.50 0.57								1.0
DHRM	HN	657	137	ES		0432	38.31 0.86								1.0
DHRM	HN	657	137	IAML		0432	41.94			170	0.3				
SMLA	HZ	805	138	EP		0431	50.54-0.70								1.0
SMLA	HN	805	138	ES		0433	06.53-0.86								1.0
SMLA	HN	805	138	IAML		0433	11.56			55	0.3				
HNLY	BE	806	120	ES		0433	08.30 0.26								1.0
KLP	BN	840	131	ES		*0433	51.74 37.0								0.0
KUDL	HN	1053	152	EP		0432	19.82-0.61								1.0
KUDL	HN	1053	152	ES		0433	58.45 0.57								1.0
KUDL	HN	1053	152	IAML		0434	03.16			112	0.3				

August 10 2022 Hour: 8:15 29.8 Lat: 33.66N Lon: 82.06E D: 5.5 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
JOSI	BZ	418	215	EP		0816	32.77 0.28								1.0
JOSI	BN	418	215	ES		0817	18.84 1.20								1.0
JOSI	BN	418	215	IAML		0817	28.68			1341	0.5				
UTK	BN	471	227	EP		0816	39.24 0.52								1.0
UTK	BN	471	227	ES		0817	26.58-1.78								1.0
UTK	BN	471	227	IAML		0817	35.06			1156	0.3				
PTH	BZ	485	202	EP		0816	39.86-0.83								1.0
PTH	BE	485	202	ES		0817	31.82 0.09								1.0
PTH	BE	485	202	IAML		0817	34.68			717	0.5				
SDNR	BZ	535	245	EP		0816	46.91 0.64								1.0
SDNR	BN	535	245	ES		0817	42.09 0.75								1.0
SMLA	HZ	540	240	EP		0816	46.75-0.34								1.0
SMLA	HN	540	240	ES		0817	42.87 0.13								1.0
SMLA	HE	540	240	IAML		0817	44.85			1264	0.5				
TSSA	BZ	559	262	EP		0816	49.36-0.44								1.0
TSSA	BN	559	262	ES		0817	47.62 0.21								1.0
TSSA	BN	559	262	IAML		0817	48.37			301	0.7				
DHRM	HZ	561	255	EP		0816	51.10 0.88								1.0
DHRM	HN	561	255	ES		0817	47.54-0.60								1.0
BHK	BZ	586	246	EP		0816	51.81-0.71								1.0
BHK	BN	586	246	ES		*0817	53.06 0.98								0.0

August 10 2022 Hour: 14:41 55.2 Lat: 35.81N Lon: 78.42E D: 13.3 Ag: NCS Local
Magnitudes: 4.0ML NCS 3.4MW NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DHRM	HZ	441	207	EP		1442	56.48 0.55								1.0
DHRM	HN	441	207	ES		1443	40.84 0.60								1.0
DHRM	HN	441	207	IAML		1443	44.76			1238	0.2				
UDMP	HN	442	224	ES		1443	39.62-0.56								1.0
UDMP	HN	442	224	IAML		1443	41.59			673	0.2				
THN	BZ	445	214	EP		1442	56.78 0.53								1.0
THN	BN	445	214	ES		1443	41.69 0.88								1.0
THN	BN	445	214	IAML		1443	47.29			936	0.3				
JMU	BN	471	226	ES		1443	45.96-0.37								1.0
JMU	BN	471	226	IAML		1443	49.49			938	0.3				

BHK	BN	509	196	ES	1443	55.59	1.34									1.0
SMLA	HN	532	193	EP	1443	07.22	0.10									1.0
SMLA	HN	532	193	ES	1443	58.58	-1.03									1.0
SMLA	HN	532	193	IAML	1444	01.10				109	0.2					
JOSI	BN	592	169	ES	1444	13.70	1.43									1.0
JOSI	BN	592	169	IAML	1444	19.57				66	0.2					
PTH	BN	710	166	ES	1444	36.33	-0.76									1.0
PTH	BN	710	166	IAML	1444	40.72				301	0.2					
KUDL	HZ	870	193	EP	1443	46.92	-1.18									1.0
KUDL	HN	870	193	ES	1445	08.99	-1.52									1.0

August 11 2022 Hour: 3:59 11.3

Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SMLA	HN			ES		0403	28.55								
UDMP	HZ			EP		0401	37.91								
UDMP	HN			ES		0402	59.21								
KUDL	HZ			EP		0402	34.23								
KUDL	HN			ES		0404	36.63								
THN	BZ			EP		0401	41.67								
THN	BN			ES		0403	06.42								
AJM	BZ			EP		0402	58.88								
DHRM	HZ			EP		0401	42.26								
DHRM	HN			ES		0403	06.97								
NDI	HZ			EP		0402	27.13								
NDI	HE			ES		0404	24.69								
SDNR	BZ			EP		0401	50.28								
SDNR	BN			ES		0403	20.50								
SMLA	HZ			EP		0401	54.24								

August 11 2022 Hour: 11:29 8.7

Lat: 23.71N Lon: 89.68E D: 10.1

Ag: NCS Regional

Magnitudes: 3.7ML NCS

Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JPG	BE			ES		1130	36.24								
BELO	SN	188	106	ES		1130	03.93	-0.97							1.0
BELO	SN	188	106	IAML		1130	05.55			909	0.3				
CAL	BZ	190	227	EP	*	1129	35.76	-5.89							0.0
TURA	SZ	214	18	EP		1129	44.30	-0.49							1.0
TURA	SN	214	18	ES		1130	11.16	0.35							1.0
TURA	SE	214	18	IAML		1130	14.37			6588	0.3				
DHUB	SZ	258	7	EP		1129	50.59	0.54							1.0
SHBG	BZ	267	309	EP		1129	50.01	-1.24							1.0
SHBG	BE	267	309	ES		1130	22.19	0.28							1.0
SHBG	BN	267	309	IAML		1130	26.23			425	0.2				
SHL	HZ	301	47	EP		1129	55.96	-0.22							1.0
AZL	SZ	307	89	EP	*	1131	14.53	78.0							0.0
AZL	SN	307	89	ES	*	1131	50.85	1.82							0.0
SAIH	SN	366	111	EP		1130	05.81	2.10							1.0
SAIH	SN	366	111	ES		1130	43.00	-0.34							1.0
SAIH	SE	366	111	IAML		1130	50.47			219	0.4				

August 12 2022 Hour: 8:9 43.6

Lat: 36.18N Lon: 70.92E D: 171.5

Ag: NCS Regional

Magnitudes: 4.5ML NCS

Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JODH	HZ			EP		0812	09.39								
UDMP	HN			ES		0811	50.85								
CHAT	HE			IAML		0813	43.24			2212	0.3				
UDMP	HZ			EP		0810	58.65								
CHAT	HZ			EP		0811	59.75								
JODH	HN			ES		0813	53.05								
AMRT	HE			ES		0812	10.56								
CHAT	HE			ES		0813	38.31								
SRIN	BN	426	122	ES		0811	27.87	-0.56							1.0
SRIN	BE	426	122	IAML		0811	33.35			812	0.2				
JMU	BZ	530	135	EP		0810	57.60	0.70							1.0

JMU	BE	530	135	ES	0811	49.90	0.23										1.0
JMU	BN	530	135	IAML	0811	56.07		11921	0.5								
THN	BZ	606	132	EP	0811	06.37	0.06										1.0
THN	BN	606	132	ES	0812	06.82	0.95										1.0
THN	BE	606	132	IAML	0812	10.47		1314	0.2								
TSSA	BZ	607	126	EP	0811	07.84	0.91										1.0
TSSA	BN	607	126	ES	0812	06.25	-0.68										1.0
TSSA	BN	607	126	IAML	0812	10.34		707	0.2								
ALCI	BN	611	109	ES	0812	06.88	0.30										1.0
ALCI	BN	611	109	IAML	0812	09.41		3381	0.3								
DHRM	HZ	660	130	EP	0811	14.31	0.83										1.0
DHRM	HN	660	130	ES	0812	17.18	-1.00										1.0
DHRM	HN	660	130	IAML	0812	21.35		570	0.5								
BHK	BZ	733	134	EP	*0811	21.22	-0.38										0.0
BHK	BN	733	134	ES	*0812	34.16	2.38										0.0
SDNR	BN	763	131	EP	0811	25.27	-0.01										1.0
SDNR	BN	763	131	ES	0812	37.34	-1.14										1.0
SDNR	BN	763	131	IAML	0812	39.37		1981	0.3								
SMLA	HZ	806	132	EP	0811	30.46	-0.22										1.0
SMLA	HN	806	132	ES	0812	49.24	1.46										1.0
SMLA	HN	806	132	IAML	0812	53.28		240	0.4								
NDI	HZ	1020	143	ES	0813	31.56	-0.59										1.0
JASL	BE	1026	180	ES	0813	31.85	-1.52										1.0
JASL	BE	1026	180	IAML	0813	44.17		121	0.3								
KUDL	HZ	1034	148	EP	0811	57.67	-0.39										1.0
KUDL	HN	1034	148	ES	0813	35.45	0.59										1.0
KUDL	HN	1034	148	IAML	0813	41.60		364	0.3								
SONA	BE	1052	145	ES	0813	39.52	0.67										1.0
AJM	BZ	1132	161	EP	0812	10.90	0.56										1.0
AJM	BE	1132	161	ES	0813	57.40	1.41										1.0
AJM	BE	1132	161	IAML	0814	07.62		411	0.3								
PTH	BZ	1136	127	EP	0812	09.49	-1.88										1.0
PTH	BN	1136	127	ES	0813	57.04	-0.72										1.0
PTH	BN	1136	127	IAML	0814	02.89		285	0.2								
LGTI	BN	1141	129	ES	*0813	57.20	-1.64										0.0
LGTI	BN	1141	129	IAML	0814	00.39		175	0.4								

August 12 2022 Hour: 17:35 0.1

Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SMLA	HZ			EP		1737	58.36								
SMLA	HN			ES		1739	38.27								
DHRM	HZ			EP		1737	47.31								
DHRM	HN			ES		1739	20.41								
THN	BZ			EP		1737	45.65								
THN	BE			ES		1739	20.33								
KUDL	HN			ES		1738	37.13								

August 12 2022 Hour: 20:38 37.7

Lat: 23.21N Lon: 94.17E D:110.9

Ag: NCS Local

Magnitudes: 3.8ML NCS

Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IMP	SN	181	353	EP		2039	09.22	1.15							1.0
KOHI	SZ	278	359	EP		2039	19.15	-0.49							1.0
KOHI	SN	278	359	ES		2039	50.05	0.18							1.0
KOHI	SE	278	359	IAML		2039	57.25		1302	0.4					
SHL	HZ	352	319	EP		2039	28.13	-0.40							1.0
SHL	HN	352	319	ES		2040	03.78	-1.38							1.0
SHL	HN	352	319	IAML		2040	08.10		1879	0.2					
TURA	SN	468	304	EP		2039	42.21	0.14							1.0
TURA	SN	468	304	ES		2040	28.45	0.00							1.0
TURA	SN	468	304	IAML		2040	32.46		236	0.2					
ZIRO	SZ	480	356	EP		2039	43.27	-0.84							1.0
ZIRO	SE	480	356	ES		2040	31.51	-0.44							1.0
ZIRO	SE	480	356	IAML		2040	37.40		136	0.3					
TAWA	SZ	539	335	EP		2039	51.16	0.47							1.0

TAWA	SN	539	335	ES	2040	43.89	0.62										1.0
TAWA	SE	539	335	IAML	2040	47.20			162	0.2							
GTK	SN	723	310	EP	2040	14.07	0.26										1.0
GTK	SN	723	310	ES	2041	24.09	1.06										1.0
GTK	SN	723	310	IAML	2041	28.28			604	0.3							
BOKR	HN	849	276	ES	2041	48.49	-0.34										1.0

August 13 2022 Hour: 0:24 55.5 Lat: 37.19N Lon: 71.41E D:197.8 Ag: NCS Regional
Magnitudes: 4.7ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BN	463	137	ES		0026	48.54	-0.94							1.0
SRIN	BN	463	137	IAML		0026	56.38			1487	0.2				
JMU	BZ	589	146	EP		0026	16.30	-0.35							1.0
JMU	BN	589	146	ES		0027	15.33	0.25							1.0
THN	BZ	658	142	EP		0026	25.89	0.73							1.0
THN	BN	658	142	ES		0027	30.61	0.90							1.0
THN	BN	658	142	IAML		0027	37.10			6406	0.3				
DHRM	HN	707	139	EP		0026	32.53	0.80							1.0
DHRM	HN	707	139	ES		0027	41.13	0.12							1.0
DHRM	HN	707	139	IAML		0027	46.05			1103	0.3				
BHK	BZ	788	143	EP		0026	41.01	0.26							1.0
BHK	BN	788	143	ES		0027	57.66	1.13							1.0
BHK	BN	788	143	IAML		0028	00.34			265	0.3				
BHK	BE	788	143	IAML		0028	05.01			5879	0.3				
SDNR	BZ	811	139	EP		0026	44.37	0.74							1.0
SDNR	BE	811	139	ES		0028	01.65	0.17							1.0
SDNR	BN	811	139	IAML		0028	03.45			151	0.2				
SRGN	BE	837	163	ES		0028	05.57	-1.07							1.0
SMLA	HZ	856	140	EP		0026	49.32	0.10							1.0
SMLA	HE	856	140	ES		0028	09.75	-1.35							1.0
SMLA	HN	856	140	IAML		0028	16.00			4008	0.3				
NDI	HZ	1087	148	EP		0027	17.67	0.62							1.0
NDI	HE	1087	148	ES		0028	59.00	0.03							1.0
NPL	BN	1089	149	ES		0029	00.32	0.86							1.0
AYAN	BZ	1103	149	EP		0027	18.55	-0.30							1.0
AYAN	BN	1103	149	ES		0029	02.62	0.56							1.0
AYAN	BE	1103	149	IAML		0029	06.19			393	0.4				
KUDL	HZ	1109	153	EP		0027	18.58	-1.07							1.0
KUDL	HN	1109	153	ES		0029	02.56	-0.88							1.0
KUDL	HN	1109	153	IAML		0029	06.51			465	0.2				
SONA	BE	1123	150	ES		0029	06.40	0.02							1.0
UNCH	BN	1156	146	ES		0029	13.94	0.43							0.9
PTH	BZ	1174	133	EP		0027	27.53	-0.87							0.9
PTH	BE	1174	133	ES		0029	18.91	0.42							0.9
PTH	BN	1174	133	IAML		0029	25.20			523	0.4				
LGTI	BE	1182	134	ES		0029	18.32	-1.74							0.9
LGTI	BN	1182	134	IAML		0029	22.97			233	0.2				
AJM	BZ	1225	165	EP		0027	33.36	-0.76							0.9
AJM	BE	1225	165	ES		0029	29.24	0.92							0.9
AJM	BN	1225	165	IAML		0029	35.62			306	0.2				

August 13 2022 Hour: 6:24 55.4 Ag: Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DHRM	HZ			EP		0634	30.97								
SMLA	HZ			EP		0634	24.31								
HYB	HZ			EP		0633	51.70								
BOKR	HZ			EP		0633	14.41								
BHPL	HZ			EP		0634	04.35								
CHT	HZ			EP		0633	58.02								
ATP	HZ			EP		0633	56.44								
INDR	HZ			EP		0634	15.65								
SONA	BZ			EP		0634	17.34								
KUDL	HZ			EP		0634	20.41								
UDPR	BZ			EP		0634	34.27								

THN	BZ	EP	0634	34.15
SDNR	BZ	EP	0634	21.45
PTH	BZ	EP	0633	56.65
KNKR	BZ	EP	0633	30.64
NGP	BZ	EP	0633	52.86
TSSA	BZ	EP	0634	34.42
SHBG	BZ	EP	0633	00.29
GUNA	BZ	EP	0634	02.86
HNLY	BZ	EP	0634	15.07
AJM	BZ	EP	0634	30.55
BWNR	BZ	EP	0632	54.69
JOSI	BZ	EP	0634	11.29
KOHI	SZ	EP	0632	13.37
TAWA	SZ	EP	0632	37.95
TURA	SZ	EP	0632	41.46
SILR	SZ	EP	0632	20.16
SHL	HZ	EP	0632	26.35
SAIH	SZ	EP	0632	13.69
IMP	SZ	EP	0632	11.51
GTK	SZ	EP	0632	58.99
DHUB	SZ	EP	0632	45.45
AGT	SZ	EP	0632	33.72

August 13 2022 Hour: 6:44 17.9 Lat: 23.67N Lon: 94.65E D: 43.6 Ag: NCS Local
Magnitudes: 4.2ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IMP	SZ	147	331	EP		0644	44.42	1.64							1.0
IMP	SE	147	331	ES		0645	01.19	0.48							1.0
IMP	SN	147	331	IAML		0645	03.20			1111	0.3				
SAIH	SZ	213	233	EP		0644	50.33	-0.56							1.0
SAIH	SN	213	233	ES		0645	14.68	0.01							1.0
SILR	SN	224	304	ES		0645	17.42	0.93							1.0
SILR	SN	224	304	IAML		0645	18.54			930	0.4				
KOHI	SZ	234	346	EP		0644	53.92	0.19							1.0
KOHI	SN	234	346	ES		0645	19.34	-0.20							1.0
KOHI	SN	234	346	IAML		0645	21.66			688	0.6				
BELO	SN	331	263	ES		0645	39.31	0.26							1.0
BELO	SN	331	263	IAML		0645	39.85			36582	0.4				
AGT	SN	347	275	ES		0645	43.25	0.64							1.0
SHL	HZ	352	307	EP		0645	06.83	-1.69							1.0
SHL	HN	352	307	ES	*	0645	40.32	-4.67							0.0
TURA	SZ	484	296	EP		0645	25.08	0.92							1.0
TURA	SN	484	296	ES		0646	11.49	-0.41							1.0
TURA	SE	484	296	IAML		0646	14.74			13016	0.2				
TAWA	SN	517	328	ES		0646	18.04	-0.76							1.0
TAWA	SE	517	328	IAML		0646	19.76			1048	0.4				
DHUB	SZ	538	300	EP	*	0645	28.13	-2.50							0.0
DHUB	SZ	538	300	ES	*	0646	17.95	-2.57							0.0
GTK	SZ	730	305	EP		0645	54.54	-0.49							1.0
GTK	SN	730	305	ES		0647	04.03	-0.96							1.0
GTK	SN	730	305	IAML		0647	07.06			71	0.3				

August 13 2022 Hour: 14:58 14.7 Lat: 36.21N Lon: 71.38E D:247.2 Ag: NCS Regional
Magnitudes: 4.1ML NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	495	139	EP		1459	24.25	-0.10							1.0
JMU	BE	495	139	ES		1500	16.05	0.87							1.0
JMU	BE	495	139	IAML		1500	17.21			196	0.5				
THN	BZ	583	134	EP		1459	33.44	-0.76							1.0
THN	BN	583	134	ES		1500	31.08	-1.14							1.0
THN	BN	583	134	IAML		1500	34.39			1368	0.3				
DHRM	HZ	631	133	EP		1459	39.97	0.27							1.0
DHRM	HN	631	133	ES		1500	41.65	-0.08							1.0
DHRM	HN	631	133	IAML		1500	44.56			195	0.4				

SDNR	BZ	727	134	EP	1459	50.89	0.17									1.0
SDNR	BN	727	134	ES	1501	00.78	-0.02									1.0
BHK	BZ	741	134	EP	*1459	46.04	-6.28									0.0
BHK	BN	741	134	ES	*1500	58.15	0.87									0.0
SMLA	HZ	778	135	EP	1459	56.89	0.35									1.0
SMLA	HE	778	135	ES	1501	11.50	0.63									1.0
SMLA	HN	778	135	IAML	1501	16.47			52	0.4						
KUDL	HZ	1015	150	EP	1500	24.53	0.09									1.0
KUDL	HE	1015	150	ES	1501	58.84	-0.28									1.0
KUDL	HE	1015	150	IAML	1502	05.20			154	0.4						

August 14 2022 Hour: 8:20 10.7 Lat: 32.88N Lon: 92.39E D: 44.9 Ag: NCS Distant
Magnitudes: 5.6ML NCS Rms: 1.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TAWA	SZ	588	185	EP		0821	27.58	0.50							1.0
TAWA	SN	588	185	ES		0822	25.97	-1.42							1.0
TAWA	SN	588	185	AMP		0822	29.04			10471	0.5				
GTK	SZ	716	212	EP		0821	44.74	1.71							1.0
GTK	SZ	716	212	AMP		0822	16.11			13344	2.0				
MOKO	SZ	755	164	EP		0821	46.74	-1.12							1.0
MOKO	SZ	755	164	AMP		0821	51.96			2826	1.3				
MOKO	SE	755	164	ES		0823	06.31	1.63							1.0
DHUB	SZ	794	198	EP		0821	53.97	1.41							1.0
DHUB	SZ	794	198	ES		0823	16.66	3.52							1.0
KOHI	SZ	810	168	EP		0821	53.31	-1.37							1.0
KOHI	SZ	810	168	AMP		0822	06.48			4453	1.5				
KOHI	SN	810	168	ES		0823	17.41	0.49							1.0
SHL	HZ	812	184	EP		0821	54.21	-0.66							1.0
SHL	HN	812	184	ES		0823	19.03	1.77							1.0
SILR	SZ	898	177	EP		0822	05.52	0.21							1.0
SILR	SZ	898	177	AMP		0822	08.68			5425	1.8				
SILR	SN	898	177	ES		0823	34.05	-1.96							1.0
IMP	SZ	905	170	EP		0822	05.97	-0.29							1.0
IMP	SZ	905	170	AMP		0822	13.49			2795	1.6				
IMP	SN	905	170	ES		0823	37.47	-0.25							1.0
SAIH	SZ	1152	177	EP		0822	36.85	0.09							1.0
SAIH	SZ	1152	177	IAmb		0822	44.52			7278	0.7				
SAIH	SN	1152	177	ES		0824	30.06	-2.32							1.0
SAIH	SN	1152	177	AMP		0824	53.66			19102	2.1				
BOKR	HZ	1190	214	EP		0822	41.43	0.07							1.0
BOKR	HN	1190	214	ES		0824	37.95	-2.68							1.0
JOSI	BZ	1242	261	EP		0822	47.58	-0.35							1.0
JOSI	BN	1242	261	IAmb		0823	02.87			649	1.5				
HNLY	BZ	1256	273	EP		0822	50.37	0.53							1.0
HNLY	BZ	1256	273	AMP		0822	57.81			1579	3.0				
ALBI	BZ	1327	234	EP		0822	59.39	1.31							1.0
BHK	BZ	1466	268	EP		0823	13.15	-2.03							1.0
TSSA	BZ	1517	274	EP		0823	21.67	-0.01							1.0
TSSA	BN	1517	274	AMP		0823	31.58			2881	1.5				
BWNR	BZ	1543	207	EP		0823	24.62	0.04							1.0
BWNR	BZ	1543	207	AMP		0823	26.24			1744	1.5				
THN	BZ	1555	273	EP		0823	26.03	-0.13							1.0
THN	BZ	1555	273	AMP		0823	29.93			3333	2.7				
KUDL	HZ	1612	255	EP		0823	33.25	0.19							1.0
GUNA	BZ	1727	242	EP		0823	46.70	0.12							1.0
BHPL	HZ	1814	238	EP		0823	55.69	-0.87							1.0
BHPL	HZ	1814	238	AMP		0823	58.37			3583	1.8				
AJM	BZ	1859	252	EP		0824	02.83	1.20							1.0
AJM	BN	1859	252	IAmb		0824	09.53			235	0.8				
UDPR	BZ	2038	248	EP		0824	20.80	-0.52							1.0
UDPR	BZ	2038	248	AMP		0824	29.11			971	1.5				
KNKR	BZ	2141	213	EP		*0823	48.36	-43.1							0.0
DGPR	HZ	2181	178	EP		*0824	35.40	0.08							0.0
HYB	HZ	2203	222	EP		*0824	37.39	-0.16							0.0

PBA HZ 2349 179 EP 0824 52.89 1.20 1.0

August 14 2022 Hour: 9:53 17.0 Lat: 27.06N Lon: 67.15E D:100.0F Ag: NCS Regional
Magnitudes: 4.2ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JASL	BZ	372	92	EP		0954	10.82	0.02							1.0
BHUI	HZ	491	149	EP		0954	25.40	0.10							1.0
BHUI	HN	491	149	ES		0955	15.32	0.18							1.0
BHUI	HN	491	149	IAML		0955	21.52			993	0.6				
JODH	HZ	593	97	EP		0954	37.92	0.14							1.0
UDPR	BZ	713	111	EP		0954	52.30	-0.09							1.0
KUDL	HZ	929	80	EP		0955	18.73	-0.03							1.0
KUDL	HN	929	80	ES		0956	46.67	-0.95							1.0
DHRM	HN	1056	55	EP		0955	33.50	-0.95							1.0
DHRM	HN	1056	55	ES		0957	14.69	-0.08							1.0
DHRM	HN	1056	55	IAML		0957	16.56			195	0.3				
SMLA	HZ	1073	63	EP		0955	37.09	0.45							1.0
SMLA	HN	1073	63	ES		0957	19.98	1.43							0.9
SMLA	HN	1073	63	IAML		0957	21.70			35	0.1				
DHUB	SZ	2276	88	ES		1001	47.20	-0.14							1.0
DHUB	SZ	2276	88	IAML		1001	57.09			2087	0.2				

August 14 2022 Hour: 13:44 12.9 Lat: 36.10S Lon: 172.20W D:115.6 Ag: NCS Distant
Magnitudes: 6.2MW NCS Rms: 1.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMPI	HZ	11887	287	EP		*1402	07.98	99.0							0.0
COBR	BZ	12380	288	EP		1402	32.20	-0.84							1.0
VISK	HZ	12424	277	EP		1402	34.00	0.19							1.0
JPG	BZ	12459	287	EP		1402	31.85	-2.54							1.0
SHBG	BZ	12478	286	EP		1402	33.16	-1.56							1.0
SHBG	BE	12478	286	I Amb		1402	57.62			619	3.3				
JOSI	BZ	13457	287	EP		1402	51.35	-0.55							1.0
JOSI	BN	13457	287	I Amb		1403	54.89			262	1.7				
ASOR	BZ	13523	284	EP		1402	51.70	-1.03							1.0
UDPR	BN	13669	278	I Amb		1402	59.53			140	3.0				
AJM	BZ	13682	280	EP		1402	55.75	0.24							1.0
AJM	BZ	13682	280	I Amb		1403	03.80			350	2.6				
SMLA	HZ	13691	287	EP		1402	56.07	0.13							1.0
SMLA	HN	13691	287	I Amb		1403	04.92			275	0.6				
BHK	BZ	13723	287	EP		1402	57.80	1.62							1.0
BHK	BZ	13723	287	I Amb		1403	06.51			1074	0.5				
SDNR	BZ	13732	287	EP		1402	59.17	2.74							1.0
DHRM	HZ	13817	287	EP		1402	58.53	0.47							1.0
DHRM	HN	13817	287	I Amb		1403	07.83			504	0.5				
THN	BZ	13868	287	EP		1402	59.79	1.07							1.0
THN	BN	13868	287	I Amb		1403	02.03			351	5.3				
UDMP	HZ	13948	288	EP		1403	00.15	0.05							1.0
UDMP	HN	13948	288	I Amb		1403	01.72			156	0.2				

August 14 2022 Hour: 21: 4 16.6 Ag: Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BOKR	HZ			EP		2114	14.74								
SHL	HZ			EP		2113	32.20								
SHL	HZ			ES		2117	36.86								
POO	HZ			EP		2115	55.25								
BHPL	HZ			EP		2115	02.90								
KUDL	HZ			EP		2114	39.34								
THN	BZ			EP		2114	21.05								
JMU	BZ			EP		2114	24.87								
BHK	BZ			EP		2114	18.84								
AYAN	BZ			EP		2114	30.55								
TAWA	SZ			EP		2113	12.53								
DHUB	SZ			ES		2117	44.72								
NGP	BZ			EP		2115	10.21								

UDPR	BZ		EP	2115	15.73
AJM	BZ		EP	2114	59.33
SMLA	HZ		EP	2114	16.01
DHRM	HZ		EP	2114	15.99
SDNR	BZ		EP	2114	15.31
KOHI	SZ		EP	2113	22.33
IMP	SZ		EP	2113	30.62
IMP	SN		ES	2117	28.73

August 14 2022 Hour: 21:10 28.6 Lat: 38.69N Lon: 95.12E D:116.1 Ag: NCS Distant
Magnitudes: 5.3Mb NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TAWA	SZ	1266	195	EP		2113	08.51	0.76							1.0
GTK	SZ	1399	208	EP		2113	23.06	-0.39							1.0
KOHI	SZ	1440	184	EP		2113	28.96	0.58							1.0
SHL	HZ	1484	192	EP		2113	32.94	-0.48							1.0
TURA	SZ	1530	199	EP		2113	38.16	-0.67							1.0
IMP	SZ	1540	184	EP		2113	39.69	-0.21							1.0
IMP	SZ	1540	184	IAmb		2113	46.60			76	0.8				
PTH	BZ	1702	238	EP		2113	58.52	0.12							1.0
PTH	BZ	1702	238	IAmb		2114	04.07			31	0.6				
SDNR	BZ	1835	250	EP		2114	11.86	-1.36							0.9
SMLA	HZ	1837	248	EP		2114	15.14	1.74							0.9
SMLA	HN	1837	248	IAmb		2114	17.17			310	0.6				
DHRM	HZ	1846	253	EP		2114	14.22	-0.27							1.0
BOKR	HZ	1867	211	EP		2114	16.48	-0.36							1.0
BOKR	HN	1867	211	IAmb		2114	18.47			29	0.2				
THN	BZ	1878	254	EP		2114	19.11	1.13							1.0
JMU	BZ	1943	256	EP		2114	23.01	-1.58							0.9
KUDL	HZ	2083	241	EP		2114	39.41	1.00							1.0
KUDL	HE	2083	241	IAmb		2114	44.43			317	0.7				
AJM	BZ	2346	241	EP		2115	02.27	-1.67							0.9
AJM	BN	2346	241	IAmb		2115	10.48			102	0.8				
BHPL	HZ	2396	230	EP		2115	09.41	0.71							1.0
BHPL	HN	2396	230	IAmb		2115	10.90			84	0.3				
NGP	BZ	2476	223	EP		2115	16.48	0.26							1.0
NGP	BN	2476	223	IAmb		2115	19.68			77	0.6				
UDPR	BZ	2551	238	EP		2115	23.43	0.50							1.0
UDPR	BN	2551	238	IAmb		2115	25.97			71	0.6				

August 15 2022 Hour: 1:39 23.1

Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SMLA	HZ			EP		0140	27.84								
SMLA	HN			ES		0141	48.31								
DHRM	HZ			EP		0140	12.98								
DHRM	HE			ES		0141	20.32								
KUDL	HZ			EP		0140	59.48								
KUDL	HE			ES		0142	40.22								
SDNR	BZ			EP		0140	24.09								
SDNR	BE			ES		0141	38.02								
THN	BZ			EP		0140	08.11								
THN	BN			ES		0141	11.70								
UDMP	HZ			EP		0140	00.20								
UDMP	HN			ES		0140	56.43								
BHK	BN			ES		0141	34.61								

August 15 2022 Hour: 8:30 6.5

Ag: Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IMP	SZ			ES		0833	59.23								
SHL	HN			ES		0833	59.27								
MOKO	SN			ES		0833	34.54								
AZL	SZ			EP		0831	30.79								
TAWA	SN			ES		0833	30.13								
TURA	SN			ES		0834	09.73								

SAIH	SN	ES	0834	43.80
KOHI	SN	ES	0833	46.57

August 15 2022 Hour: 13: 3 58.3

Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GTK	SN			ES		1306	46.09								
SHL	HZ			EP		1306	05.56								
KOHI	SN			ES		1307	05.65								
SHL	HN			ES		1306	59.53								
KOHI	SZ			EP		1305	36.02								

August 15 2022 Hour: 16:23 24.3

Lat: 36.51N Lon: 71.67E D:150.0F

Ag: NCS Regional

Magnitudes: 4.2ML NCS 4.2MW NCS

Rms: 1.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BN	505	144	ES		1625	36.29	0.43							1.0
JMU	BN	505	144	IAML		1625	39.78			504	0.5				
THN	BN	590	139	EP		1624	49.61	0.40							1.0
THN	BN	590	139	ES		1625	51.03	-0.16							1.0
THN	BN	590	139	IAML		1625	54.91			1851	0.3				
AMRT	HN	617	150	ES		1625	55.92	-0.11							1.0
SDNR	BZ	734	137	EP		1625	06.04	1.14							1.0
SDNR	BN	734	137	ES		1626	19.37	1.04							1.0
SDNR	BN	734	137	IAML		1626	24.00			42	0.2				
BHK	BZ	748	138	EP		1625	04.17	-2.16							1.0
BHK	BN	748	138	ES		1626	19.17	-1.65							1.0
BHK	BN	748	138	IAML		1626	19.71			124	0.6				
CHAT	HZ	1025	134	EP		1625	38.97	1.01							1.0
CHAT	HN	1025	134	ES		1627	15.59	0.06							1.0
KUDL	HZ	1032	153	EP		1625	38.27	-0.44							1.0
KUDL	HE	1032	153	ES		1627	17.24	0.42							1.0

August 15 2022 Hour: 16:36 3.7

Lat: 0.40N Lon: 96.74E D: 10.0F

Ag: NCS Distant

Magnitudes: 4.9Mb NCS

Rms: 1.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TPTI	HZ	2395	309	EP		1640	06.45	-1.15							1.0
TPTI	HN	2395	309	IAmb		1640	12.25			165	1.6				
CHT	HZ	2399	296	EP		1640	07.55	-0.51							1.0
SALM	BZ	2401	302	EP		1640	08.38	0.25							1.0
SALM	BN	2401	302	IAmb		1640	16.86			279	4.6				
BWNR	BZ	2497	332	EP		1640	15.58	-0.10							1.0
BWNR	BE	2497	332	IAmb		1640	26.92			445	4.1				
CMPI	HZ	2582	352	EP		1640	22.13	-0.45							1.0
CMPI	HN	2582	352	IAmb		1640	29.74			193	1.6				
ATP	HZ	2624	308	EP		1640	27.71	1.99							1.0
ATP	HN	2624	308	IAmb		1640	40.25			158	2.5				
SHL	HZ	2834	350	EP		1640	43.49	1.15							1.0
CHAT	HZ	3748	332	EP		1641	50.67	-1.17							1.0
CHAT	HN	3748	332	IAmb		1642	02.98			43	2.8				

August 15 2022 Hour: 22:53 39.2

Lat: 25.10N Lon: 91.68E D: 8.0

Ag: NCS Local

Magnitudes: 3.1ML NCS 3.6MW NCS

Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHL	HZ	61	31	EP		2253	49.93	0.11							1.0
SHL	HN	61	31	ES		2253	57.53	-0.07							1.0
SHL	HN	61	31	IAML		2253	58.58			13055	0.2				
AGT	SN	141	198	EP		2254	02.26	-0.99							1.0
AGT	SN	141	198	ES		2254	20.91	0.06							1.0
AGT	SN	141	198	IAML		2254	21.30			246	0.4				
TURA	SZ	153	288	EP		2254	04.39	-0.76							1.0
TURA	SN	153	288	ES		2254	25.42	1.30							1.0
TURA	SN	153	288	IAML		2254	31.37			96	0.2				
AZL	SZ	182	145	EP		*2255	28.72	80.0							0.0
AZL	SN	182	145	ES		*2255	47.93	-2.40							0.0
KOHI	SZ	254	74	EP		2254	18.83	1.25							1.0

KOHI	SN	254	74	ES		2254	45.85	0.23									1.0
KOHI	SN	254	74	IAML		2254	47.20			67	0.4						
TAWA	SZ	277	4	EP		2254	20.50	0.14									1.0
TAWA	SE	277	4	ES		2254	49.16	-1.27									1.0
TAWA	SN	277	4	IAML		2254	50.33			50	0.2						

August 16 2022 Hour: 2:22 15.9

Ag: Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TAWA	SZ			EP		0224	37.38								
TAWA	SN			ES		0226	00.06								
SHL	HZ			EP		0225	03.97								
TURA	SZ			EP		0225	08.18								
TURA	SE			ES		0226	58.02								
MOKO	SZ			EP		0224	46.08								
MOKO	SN			ES		0226	17.47								
SHL	HE			ES		0226	43.45								
LKP	SZ			EP		0224	37.48								
KOHI	SZ			EP		0224	55.68								
IMP	SN			ES		0226	58.76								
SILR	SN			ES		0226	47.15								

August 16 2022 Hour: 7:10 58.9

Lat: 23.52N Lon: 93.15E D: 17.4

Ag: NCS Local

Magnitudes: 4.0ML NCS 4.1MW NCS

Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMPI	HZ			EP		0711	04.77								
CMPI	HN			ES		0711	07.64								
SAIH	SZ	114	188	EP		0711	20.10	-0.20							1.0
SAIH	SN	114	188	ES		0711	35.33	-0.38							1.0
SAIH	SN	114	188	IAML		0711	43.55			2667	0.8				
SILR	SZ	144	346	EP		0711	26.65	0.96							1.0
BELO	SZ	177	261	EP		0711	31.22	0.96							1.0
BELO	SE	177	261	ES		0711	53.65	0.81							1.0
BELO	SN	177	261	IAML		0712	02.99			5418	0.7				
AGT	SZ	198	282	EP		0711	31.63	-1.54							1.0
AGT	SE	198	282	ES		0711	59.08	1.24							1.0
AGT	SN	198	282	IAML		0712	05.16			4114	0.9				
KOHI	SN	262	21	EP		0711	42.47	0.37							1.0
KOHI	SE	262	21	ES		0712	13.78	0.57							1.0
KOHI	SN	262	21	IAML		0712	25.65			552	0.6				
SHL	HZ	262	330	EP		0711	41.80	-0.33							1.0
SHL	HN	262	330	ES		0712	11.93	-1.33							1.0
MOKO	SZ	340	24	EP		0711	52.79	0.12							1.0
MOKO	SN	340	24	ES		0712	31.33	-0.05							1.0
MOKO	SN	340	24	IAML		0712	40.46			324	0.5				
TURA	SN	364	309	EP		0711	56.82	1.01							1.0
TURA	SN	364	309	ES		0712	36.10	-0.68							1.0
TURA	SN	364	309	IAML		0712	38.82			4409	0.3				
DHUB	SZ	423	312	EP		0712	02.14	-1.53							1.0
GTK	SN	622	314	ES		*0713	31.29	-5.16							0.0

August 16 2022 Hour: 15:28 45.7

Lat: 20.17N Lon: 73.54E D: 12.5

Ag: NCS Local

Magnitudes: 3.3ML NCS

Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BOM	BZ	160	208	EP		1529	14.95	-0.40							1.0
BOM	BN	160	208	ES		1529	37.15	0.47							1.0
BOM	BN	160	208	IAML		1529	38.04			164	0.4				
POO	HZ	185	170	EP		1529	18.73	-0.05							1.0
POO	HN	185	170	ES		1529	40.58	-2.00							1.0
POO	HN	185	170	IAML		1529	41.82			1014	0.4				
BHV	BN	227	320	EP		1529	24.56	0.04							1.0
BHV	BN	227	320	ES		1529	52.60	0.14							1.0
BHV	BN	227	320	IAML		1529	59.60			472	0.3				
KAD	BE	324	168	ES		1530	16.79	1.37							1.0
KAD	BE	324	168	IAML		1530	21.93			465	0.3				

AKL	BE	368	80	ES		1530	25.00	-0.56									1.0
BHPL	HN	527	49	ES		1531	02.14	0.02									1.0
HYB	HN	611	119	ES		1531	22.36	0.96									1.0
HYB	HN	611	119	IAML		1531	30.26			119	0.5						

August 16 2022 Hour: 21:10 16.9 Lat: 31.37N Lon: 77.68E D: 16.9 Ag: NCS Local
Magnitudes: 2.7ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DHRM	HZ	163	307	EP		2110	46.63	-0.06							1.0
DHRM	HN	163	307	IAML		2111	09.85			76	0.4				
DHRM	HE	163	307	ES		2111	08.23	0.06							1.0
JOSI	BZ	201	116	EP		2110	52.32	0.57							1.0
JOSI	BE	201	116	ES		2111	15.60	-1.27							1.0
JOSI	BE	201	116	IAML		2111	19.68			406	0.3				
PTH	BZ	314	128	EP		2111	06.52	-0.66							1.0
PTH	BZ	314	128	ES		2111	44.65	1.24							1.0
PTH	BN	314	128	IAML		2111	46.54			61	0.2				
SMLA	HN	56	242	EP		2110	28.62	0.68							1.0
SMLA	HN	56	242	ES		2110	35.35	-0.56							1.0
SMLA	HN	56	242	IAML		2110	37.15			412	0.2				

August 16 2022 Hour: 22:19 47.8 Lat: 25.70N Lon: 91.63E D: 17.2 Ag: NCS Local
Magnitudes: 3.2ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHL	HZ	28	123	EP		2219	54.53	0.34							1.0
SHL	HN	28	123	ES		2219	57.83	-0.93							1.0
SHL	HE	28	123	IAML		2219	58.11			5095	0.1				
GUWA	SZ	55	7	EP		2219	59.17	0.53							1.0
GUWA	SE	55	7	ES		2220	06.67	0.26							1.0
TURA	SZ	131	263	EP		2220	12.87	0.61							1.0
TURA	SN	131	263	ES		2220	29.93	0.08							1.0
TURA	SE	131	263	IAML		2220	30.90			820	0.1				
DHUB	SZ	167	282	EP		2220	16.39	-1.48							1.0
AGT	SN	205	191	ES		2220	48.18	-0.23							1.0
TAWA	SZ	211	6	EP		2220	23.80	-0.08							1.0
TAWA	SN	211	6	ES		2220	48.48	-1.35							1.0
TAWA	SE	211	6	IAML		2220	50.09			622	0.2				
KOHI	SZ	249	89	EP		2220	29.89	0.64							1.0
KOHI	SN	249	89	ES		2220	59.34	0.27							1.0
IMP	SZ	253	112	EP		2220	29.27	-0.42							1.0
IMP	SN	253	112	ES		2221	00.68	0.86							1.0
GTK	SN	351	301	ES		2221	23.89	0.89							1.0
GTK	SN	351	301	IAML		2221	29.89			35	0.2				

August 17 2022 Hour: 0:0 14.9 Lat: 31.54N Lon: 77.10E D: 10.5 Ag: NCS Local
Magnitudes: 3.1ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CGRH	BN			ES		0000	44.25								
SDNR	BZ	13	251	EP		0000	19.61	0.33							1.0
SDNR	BN	13	251	ES		0000	21.06	-1.35							1.0
SDNR	BN	13	251	IAML		0000	21.17			11436	0.3				
SMLA	HZ	46	172	EP		0000	26.14	1.21							1.0
SMLA	HN	46	172	ES		0000	31.97	-0.15							1.0
SMLA	HN	46	172	IAML		0000	32.48			2084	0.3				
BHK	BZ	67	258	EP		0000	29.02	0.93							1.0
BHK	BE	67	258	ES		0000	35.92	-1.64							1.0
BHK	BE	67	258	IAML		0000	36.41			157	0.4				
DHRM	HZ	109	316	EP		0000	36.29	0.33							1.0
DHRM	HN	109	316	ES		0000	50.96	-0.13							1.0
THN	BZ	164	307	EP		0000	44.78	0.45							1.0
THN	BN	164	307	ES		0001	05.18	-0.31							1.0
THN	BN	164	307	IAML		0001	07.15			301	0.3				
KKR	BZ	177	189	EP		0000	46.36	0.32							1.0
KKR	BN	177	189	ES		0001	09.16	0.74							1.0

JMU	BN	245	303	ES	0001	24.13	0.68										1.0
JMU	BN	245	303	IAML	0001	31.15			2460	0.5							
JOSI	BN	258	114	ES	0001	26.87	-0.91										1.0
JOSI	BN	258	114	IAML	0001	31.98			788	0.3							
PTH	BN	369	125	ES	0001	50.19	-0.90										1.0
PTH	BN	369	125	IAML	0001	51.87			9	0.2							
LGTI	BN	372	129	ES	0001	51.10	-0.68										1.0
KUDL	HZ	381	189	EP	0001	12.54	1.03										1.0
KUDL	HN	381	189	ES	0001	52.31	0.07										1.0

August 17 2022 Hour: 2:15 50.2 Lat: 31.43N Lon: 76.90E D: 4.1 Ag: NCS Local
Magnitudes: 2.9ML NCS 3.4MW NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SDNR	BZ	10	41	EP		0215	54.27	0.63							1.0
SDNR	BN	10	41	ES		0215	55.71	-0.38							1.0
SMLA	HZ	42	143	EP		0216	00.72	0.65							1.0
SMLA	HN	42	143	ES		0216	06.58	-0.56							1.0
DHRM	HZ	107	328	EP		0216	10.39	-0.97							1.0
DHRM	HN	107	328	ES		0216	27.32	0.77							1.0
DHRM	HN	107	328	IAML		0216	33.16			1018	0.3				
THN	BZ	158	315	EP		0216	19.35	0.25							1.0
THN	BN	158	315	ES		0216	38.94	-0.94							1.0
THN	BN	158	315	IAML		0216	41.80			182	0.3				
JMU	BN	237	307	ES		0216	58.95	0.55							1.0
JMU	BE	237	307	IAML		0217	05.05			77	0.3				

August 17 2022 Hour: 21:46 44.4 Lat: 27.12N Lon: 88.28E D: 13.9 Ag: NCS Local
Magnitudes: 3.0ML NCS 3.1MW NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GTK	SZ	39	56	EP		2146	53.71	0.36							1.0
GTK	SN	39	56	ES		2146	59.58	-0.24							1.0
GTK	SN	39	56	IAML		2147	01.19			7901	0.2				
DHUB	SZ	211	125	EP		2147	20.57	1.06							1.0
DHUB	SZ	211	125	ES		2147	45.55	0.73							1.0
DHUB	SZ	211	125	IAML		2147	47.97			40	0.3				
TURA	SZ	269	130	EP		2147	26.04	-0.88							1.0
TURA	SN	269	130	ES		2147	56.53	-1.03							1.0
TURA	SE	269	130	IAML		2148	01.89			84	0.2				
TAWA	SZ	359	81	EP		2147	37.51	-0.47							1.0
TAWA	SN	359	81	ES		2148	17.02	0.44							1.0
TAWA	SN	359	81	IAML		2148	30.90			42	0.3				
SHL	HN	397	115	ES		2148	26.85	1.17							1.0
SHL	HE	397	115	IAML		2148	40.38			291	0.4				
KOHI	SN	602	104	ES		2149	07.92	-1.16							1.0

August 18 2022 Hour: 7:45 50.2 Ag: Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DHRM	HZ			EP		0755	41.66								
SMLA	HZ			EP		0755	35.89								
CMPI	HZ			EP		0753	29.53								
SDNR	BZ			EP		0755	38.82								
UDPR	BZ			EP		0755	35.14								
UTK	BZ			EP		0755	01.91								
NRLA	BZ			EP		0755	26.05								
KUDL	HZ			EP		0755	29.87								
RAGD	BZ			EP		0754	21.99								
AZL	SZ			EP		0755	03.05								
SAIH	SZ			EP		0753	27.53								
IMP	SZ			EP		0753	28.37								

August 19 2022 Hour: 6:32 10.1 Lat: 31.87N Lon: 78.68E D: 8.1 Ag: NCS Local
Magnitudes: 3.0ML NCS 3.1MW NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HNLY	BZ	105	15	EP		0632	27.97	-1.76							1.0
HNLY	BE	105	15	ES		0632	44.06	0.17							1.0
HNLY	BN	105	15	IAML		0632	45.13			425	0.3				
UTK	BZ	128	190	ES		0632	50.89	-0.17							1.0
UTK	BN	128	190	IAML		0632	52.49			638	0.3				
SMLA	HZ	165	241	EP		0632	40.31	0.40							1.0
SMLA	HN	165	241	ES		0632	59.68	-1.72							1.0
SMLA	HN	165	241	IAML		0633	03.30			702	0.5				
SDNR	BZ	167	256	EP		0632	40.79	0.85							1.0
SDNR	BN	167	256	ES		0633	01.33	-0.12							1.0
SDNR	BN	167	256	IAML		0633	04.18			49	0.3				
DDI	HE	181	199	ES		0633	05.75	0.20							1.0
DDI	HN	181	199	IAML		0633	08.25			104	0.2				
BHK	BZ	220	257	EP		0632	48.75	1.50							1.0
BHK	BE	220	257	ES		0633	13.97	-0.04							1.0
BHK	BN	220	257	IAML		0633	17.88			2066	0.3				
DHRM	HZ	228	281	EP		0632	49.33	0.30							1.0
DHRM	HE	228	281	ES		0633	16.97	-0.11							1.0
DHRM	HN	228	281	IAML		0633	18.83			91	0.3				
TSSA	BZ	261	295	EP		0632	54.05	1.10							1.0
TSSA	BN	261	295	ES		0633	24.09	0.26							1.0
TSSA	BN	261	295	IAML		0633	28.59			1525	0.3				
THN	BZ	286	283	EP		0632	55.70	0.20							1.0
THN	BZ	286	283	ES		0633	27.40	-0.81							1.0
THN	BZ	286	283	IAML		0633	29.67			124	0.3				
KUDL	HE	464	208	ES		0634	05.15	-0.23							1.0
KUDL	HE	464	208	IAML		0634	07.53			37	0.2				

August 19 2022 Hour: 7:25 55.1 Lat: 29.97N Lon: 80.08E D: 5.0F Ag: NCS Local
Magnitudes: 3.7ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PTH	BZ	45	165	EP		0726	02.45	-0.40							1.0
PTH	BE	45	165	ES		0726	08.54	0.05							1.0
PTH	BN	45	165	IAML		0726	09.27			2750	0.2				
LGTI	BZ	64	180	EP		0726	06.43	0.15							1.0
LGTI	BE	64	180	ES		0726	14.51	0.09							1.0
LGTI	BN	64	180	IAML		0726	16.10			1093	0.1				
CHAT	HZ	71	262	EP		0726	07.14	-0.29							1.0
CHAT	HE	71	262	ES		0726	16.80	0.38							1.0
CHAT	HN	71	262	IAML		0726	19.65			24507	0.3				
JOSI	BZ	82	322	EP		0726	09.00	-0.32							1.0
JOSI	BE	82	322	ES		0726	17.91	-1.78							1.0
JOSI	BN	82	322	IAML		0726	20.52			1097	0.3				
TKRD	BZ	147	234	EP		0726	20.97	0.44							1.0
TKRD	BE	147	234	ES		0726	40.03	0.96							1.0
TKRD	BE	147	234	IAML		0726	43.31			736	0.3				
UTK	BZ	178	298	EP		0726	24.72	-0.46							1.0
UTK	BE	178	298	ES		0726	46.39	-0.74							1.0
UTK	BN	178	298	IAML		0726	48.96			1028	0.2				
DDI	HZ	199	282	EP		0726	27.90	0.27							1.0
DDI	HN	199	282	ES		0726	51.75	0.39							1.0
DDI	HN	199	282	IAML		0726	53.82			21249	0.3				
UNCH	BZ	281	229	EP		0726	36.83	-0.72							1.0
UNCH	BE	281	229	ES		0727	06.84	-1.67							1.0
UNCH	BN	281	229	IAML		0727	07.69			1160	0.2				
SMLA	HZ	308	295	EP		0726	41.31	0.21							1.0
SMLA	HN	308	295	ES		0727	13.58	-1.09							1.0
SMLA	HE	308	295	IAML		0727	23.59			300	0.4				
NDI	HZ	314	244	EP		0726	42.13	0.55							1.0
NDI	HE	314	244	ES		0727	15.46	-0.03							1.0

NDI	HN	314	244	IAML	0727	19.39			1064	0.2					
LDR	HE	318	242	ES	0727	15.80	-0.69								1.0
LDR	HE	318	242	IAML	0727	26.19			7347	0.3					
HNLY	BZ	328	342	EP	0726	44.60	0.70								1.0
HNLY	BN	328	342	ES	0727	20.40	0.90								1.0
HNLY	BE	328	342	IAML	0727	28.79			23	0.6					
UJWA	BN	346	244	ES	0727	24.28	1.96								1.0
UJWA	BN	346	244	IAML	0727	28.81			228	0.3					
SDNR	BN	350	300	EP	0726	46.97	0.88								1.0
SDNR	BE	350	300	ES	0727	24.20	0.90								1.0
SDNR	BN	350	300	IAML	0727	36.98			119	0.2					
SONA	BZ	351	238	EP	0726	46.48	0.34								1.0
SONA	BN	351	238	ES	0727	23.51	0.14								1.0
SONA	BN	351	238	IAML	0727	24.63			1003	0.2					
KUDL	HN	405	241	EP	0726	53.86	1.12								1.0
KUDL	HN	405	241	ES	0727	33.31	-1.49								1.0
KUDL	HN	405	241	IAML	0727	36.43			676	0.2					
DHRM	HZ	440	306	EP	0726	56.22	-0.98								1.0
DHRM	HN	440	306	ES	0727	43.67	1.16								1.0
DHRM	HN	440	306	IAML	0727	45.90			94	0.3					
GWAL	HN	456	204	ES	0727	45.58	0.01								1.0
TSSA	BN	487	311	ES	0727	51.97	-0.43								1.0
TSSA	BE	487	311	IAML	0727	55.98			56	0.2					
THN	BN	491	305	ES	0727	53.45	0.40								1.0
THN	BN	491	305	IAML	0727	57.19			50	0.3					
BHPL	HE	791	200	ES	0728	55.56	-0.91								1.0
BHPL	HN	791	200	IAML	0728	58.36			615	0.2					
BHK	BN	340	298	ES	*0727	31.53	10.4								0.0
BHK	BN	340	298	IAML	0727	32.63			935	0.3					

August 19 2022 Hour: 18:122.7 Lat: 33.12N Lon: 76.33E D: 13.4 Ag: NCS Local
Magnitudes: 2.9ML NCS 3.4MW NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THN	BZ	96	217	EP		1801	41.13	0.37							1.0
THN	BN	96	217	ES		1801	53.60	-0.17							1.0
THN	BN	96	217	IAML		1801	56.95			231	0.5				
DHRM	HN	97	182	EP		1801	41.67	0.56							1.0
DHRM	HE	97	182	ES		1801	54.04	-0.32							1.0
DHRM	HN	97	182	IAML		1801	57.86			151	0.5				
JMU	BZ	141	252	EP		1801	46.89	-1.97							1.0
JMU	BE	141	252	ES		1802	08.61	0.91							1.0
JMU	BN	141	252	IAML		1802	13.52			1482	0.3				
BHK	BZ	189	177	EP		1801	57.90	1.64							1.0
BHK	BN	189	177	ES		1802	20.39	-0.03							1.0
BHK	BN	189	177	IAML		1802	21.98			159	0.5				
SDNR	BZ	190	161	EP		1801	56.19	-0.14							1.0
SDNR	BN	190	161	ES		1802	19.70	-0.85							1.0
SDNR	BE	190	161	IAML		1802	22.18			601	0.3				

August 19 2022 Hour: 19:42 47.3 Lat: 28.10N Lon: 81.22E D: 30.6 Ag: NCS Local
Magnitudes: 5.0ML NCS 4.8MW NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BRCH	BZ	70	147	EP		*1943	03.17	3.37							0.0
BRCH	BN	70	147	ES		*1943	13.68	1.37							0.0
BNDA	BZ	303	197	EP		1943	30.26	1.08							1.0
JOSI	BZ	317	330	EP		1943	31.03	-0.06							1.0
JOSI	BN	317	330	ES		1944	02.48	-0.59							1.0
JOSI	BN	317	330	IAML		1944	04.81			52781	0.3				
ASOR	BZ	346	283	EP		1943	35.00	0.57							1.0
ASOR	BN	346	283	ES		1944	09.16	0.31							1.0
ASOR	BN	346	283	IAML		1944	11.16			5441	0.2				
BISR	BZ	375	279	EP		1943	38.46	0.50							1.0
BISR	BN	375	279	ES		1944	14.27	-0.68							1.0
BISR	BE	375	279	IAML		1944	16.43			8319	0.4				

JMIU	BZ	389	279	EP	1943	40.44	0.77			1.0
JMIU	BN	389	279	IAML	1944	20.01		10154	0.3	
DDI	HZ	394	309	EP	1943	40.74	0.35			1.0
DDI	HN	394	309	ES	1944	17.87	-1.28			1.0
DDI	HN	394	309	IAML	1944	21.74		78651	0.3	
AYAN	BZ	404	277	EP	1943	41.88	0.36			1.0
AYAN	BE	404	277	ES	1944	20.12	-1.00			1.0
AYAN	BN	404	277	IAML	1944	23.02		6784	0.2	
CGRH	BZ	521	305	EP	1943	56.33	0.54			1.0
CGRH	BN	521	305	IAML	1944	50.44		4283	0.4	
BHK	BZ	552	312	EP	*1944	05.21	5.55			0.0
BHK	BE	552	312	ES	*1945	02.57	4.52			0.0
JMUI	BN	610	124	EP	1944	07.59	0.95			1.0
JMUI	BN	610	124	IAML	1945	11.26		11053	0.3	
BHPL	HZ	659	216	EP	1944	12.68	-0.04			1.0
BHPL	HN	659	216	ES	1945	16.24	1.16			1.0
BHPL	HN	659	216	IAML	1945	18.96		18569	0.2	
DHRM	HZ	660	315	EP	1944	14.06	1.06			1.0
DHRM	HN	660	315	ES	1945	16.31	0.74			1.0
BOKR	HZ	667	135	EP	1944	14.46	0.81			1.0
BOKR	HN	667	135	ES	1945	17.97	1.26			1.0
BOKR	HN	667	135	IAML	1945	22.30		8853	0.3	
AJM	BN	679	256	EP	1944	16.42	1.34			1.0
AJM	BN	679	256	ES	1945	19.01	-0.16			1.0
AJM	BN	679	256	IAML	1945	23.10		1198	0.2	
GTK	SN	733	95	EP	1944	21.88	0.10			1.0
GTK	SN	733	95	ES	1945	31.74	0.97			1.0
GTK	SN	733	95	IAML	1945	34.23		821	0.5	
BKNR	BZ	780	273	EP	1944	27.31	-0.16			1.0
BKNR	BN	780	273	ES	1945	40.47	-0.13			1.0
BKNR	BN	780	273	IAML	1945	43.84		16842	0.2	
JMU	BZ	804	312	EP	1944	30.70	0.34			1.0
JMU	BN	804	312	ES	1945	45.85	0.25			1.0
JMU	BN	804	312	IAML	1945	52.05		2497	0.6	
BWNR	BZ	986	151	EP	1944	53.87	1.30			1.0
BWNR	BE	986	151	ES	1946	25.09	1.06			1.0
BWNR	BN	986	151	IAML	1946	30.69		1087	0.3	
JASL	BZ	1028	265	EP	1944	57.71	0.04			1.0
JASL	BN	1028	265	ES	1946	33.80	0.94			1.0
JASL	BE	1028	265	IAML	1946	37.37		589	0.2	
TAWA	SZ	1050	91	EP	1945	00.30	-0.05			1.0
TAWA	SN	1050	91	IAML	1946	43.84		306	0.3	
SHL	HZ	1093	102	EP	1945	04.21	-1.60			1.0
SHL	HN	1093	102	IAML	1946	49.13		1124	0.3	
AGT	SZ	1106	113	EP	1945	07.35	0.15			1.0
AGT	SE	1106	113	ES	1946	49.82	0.48			1.0
AGT	SN	1106	113	IAML	1946	57.52		265	0.8	
BHV	BN	1155	234	EP	1945	12.66	-0.49			1.0
BHV	BE	1155	234	ES	1946	58.07	-1.56			1.0
BHV	BN	1155	234	IAML	1947	06.30		587	0.6	
VISK	HZ	1169	169	EP	1945	14.44	-0.44			1.0
VISK	HE	1169	169	ES	1947	02.80	0.17			1.0
VISK	HE	1169	169	IAML	1947	04.42		114	0.3	
SILR	SZ	1211	105	EP	1945	18.99	-1.08			1.0
SILR	SN	1211	105	ES	1947	09.11	-2.49			1.0
SILR	SE	1211	105	IAML	1947	13.54		102	0.3	
HYB	HZ	1214	194	EP	1945	19.05	-1.36			1.0
HYB	HN	1214	194	ES	1947	11.03	-1.16			1.0
HYB	HN	1214	194	IAML	1947	16.24		83	0.3	
AZL	SZ	1245	110	EP	*1946	53.63	89.3			0.0
AZL	SE	1245	110	ES	*1948	51.76	3.48			0.0
BHUJ	HZ	1278	248	EP	1945	27.56	-0.70			1.0
BHUJ	HN	1278	248	ES	1947	26.09	0.32			1.0
BHUJ	HE	1278	248	IAML	1947	30.86		105	0.7	

POO	HZ	1300	217	EP	1945	29.54-1.36										1.0
POO	HN	1300	217	ES	1947	30.62 0.28										1.0
POO	HE	1300	217	IAML	1947	33.83			187	0.3						
KOHI	SZ	1306	99	EP	1945	30.19-1.60										1.0
KOHI	SN	1306	99	ES	1947	31.40-0.49										1.0
KOHI	SE	1306	99	IAML	1947	40.63			211	0.6						
IMP	SZ	1319	103	EP	1945	32.88-0.39										1.0
IMP	SN	1319	103	ES	1947	36.05 1.60										1.0
IMP	SE	1319	103	IAML	1947	42.93			40	0.6						
MDRS	HZ	1676	184	EP	1946	15.33-1.22										0.9
MDRS	HE	1676	184	ES	1948	49.36 0.05										0.9
MDRS	HE	1676	184	IAML	1948	56.56			383	0.6						

August 20 2022 Hour: 14:46 46.9 Lat: 16.89N Lon: 75.82E D: 10.8 Ag: NCS Local
Magnitudes: 3.8ML NCS 3.2MW NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SLPR	HZ	88	8	EP		1447	02.19	0.07							1.0
SLPR	HZ	88	8	ES		1447	12.96-0.31								1.0
SLPR	HN	88	8	IAML		1447	18.93			5029	0.3				
KLBG	HZ	119	66	EP		1447	06.49-0.88								1.0
KLBG	HN	119	66	ES		1447	21.47-0.87								1.0
KLBG	HN	119	66	IAML		1447	22.96			24160	0.1				
KAD	BZ	180	285	EP		1447	15.45-0.39								1.0
KAD	BN	180	285	ES		1447	36.55-0.45								1.0
KAD	BN	180	285	IAML		1447	37.36			393	0.2				
GOA	HZ	263	234	EP		1447	25.63-0.29								1.0
KNL	HN	268	117	ES		1447	56.89 1.31								1.0
KNL	HN	268	117	IAML		1448	02.35			1323	0.3				
POO	HZ	277	311	EP		1447	27.82 0.14								1.0
POO	HN	277	311	ES		1447	57.79 0.31								1.0
POO	HN	277	311	IAML		1448	03.87			251	0.3				
HYB	HE	297	78	ES		1448	01.30-0.48								1.0
HYB	HN	297	78	IAML		1448	11.10			1076	0.3				
ATP	HZ	319	142	EP		1447	35.26 2.41								1.0
ATP	HN	319	142	ES		1448	05.57-0.86								1.0
ATP	HN	319	142	IAML		1448	14.66			334	0.1				
HING	HZ	335	24	EP		1447	35.51 0.75								1.0
TPTI	HE	537	130	ES		1448	51.42-0.96								1.0
TPTI	HN	537	130	IAML		1449	15.38			346	0.4				
NGP	BE	584	35	ES		1449	03.74 1.44								1.0
NGP	BE	584	35	IAML		1449	32.41			880	0.3				
SALM	BN	631	156	ES		1449	12.64 0.32								1.0
SALM	BN	631	156	IAML		1449	14.71			14	0.1				
MDRS	HE	638	132	ES		1449	13.50-0.07								1.0
MDRS	HE	638	132	IAML		1449	41.10			94	0.3				
BHPL	HN	723	13	ES		1449	31.26-0.57								1.0
BHPL	HN	723	13	IAML		1449	35.29			106	0.3				
CHT	HN	797	169	ES		1449	46.75-0.62								1.0
CHT	HN	797	169	IAML		1450	31.02			72	0.5				

August 20 2022 Hour: 14:54 50.8 Lat: 33.51N Lon: 73.20E D: 10.0F Ag: NCS Regional
Magnitudes: 3.9ML NCS 3.2MW NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	172	118	EP		1455	19.16-1.00								1.0
JMU	BE	172	118	ES		1455	40.97-0.63								1.0
JMU	BE	172	118	IAML		1455	42.04			536	0.3				
THN	BZ	271	115	EP		1455	32.49 0.28								1.0
THN	BN	271	115	ES		1456	02.91 0.46								1.0
THN	BN	271	115	IAML		1456	05.10			344	0.5				
DHRM	HN	323	115	EP		1455	39.23 0.52								1.0
DHRM	HN	323	115	ES		1456	14.15 0.45								1.0
DHRM	HN	323	115	IAML		1456	19.83			522	0.3				
SDNR	BZ	412	121	EP		1455	49.74 0.30								1.0
BHK	BZ	423	123	EP		1455	50.06-0.66								1.0

BHK	BE	423	123	ES		1456	33.59	-0.88								1.0
BHK	BN	423	123	IAML		1456	38.38		2329	0.3						
SMLA	HZ	458	124	EP		1455	55.52	0.31								1.0
SMLA	HE	458	124	ES		1456	42.89	0.66								1.0
SMLA	HE	458	124	IAML		1456	58.24		1197	0.3						
KUDL	HZ	673	151	EP		1456	21.55	0.21								1.0

August 21 2022 Hour: 12:56 53.3 Lat: 16.74N Lon: 75.95E D: 39.5 Ag: NCS Local
Magnitudes: 3.3ML NCS 3.7MW NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KAD	BZ	199	289	EP		1257	20.52	-1.27							1.0
KAD	BN	199	289	ES		1257	41.92	-0.65							1.0
KAD	BN	199	289	IAML		1257	44.31			199	0.2				
GOA	HZ	266	239	EP		1257	30.16	0.20							1.0
GOA	HN	266	239	ES		1257	56.94	0.24							1.0
GOA	HN	266	239	IAML		1258	01.95			448	0.4				
HYB	HZ	287	74	ES		1258	00.97	-0.21							1.0
HYB	HN	287	74	IAML		1258	11.82			71	0.2				
POO	HZ	299	312	EP		1257	35.47	1.48							1.0
POO	HN	299	312	ES		1258	03.88	0.20							1.0
POO	HN	299	312	IAML		1258	11.68			673	0.3				

August 22 2022 Hour: 6:24 19.6 Lat: 33.25N Lon: 75.59E D: 8.2 Ag: NCS Local
Magnitudes: 3.5ML NCS 3.6MW NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	57	230	EP		0624	30.28	0.69							1.0
UDMP	HE	57	230	ES		0624	37.08	0.20							1.0
UDMP	HN	57	230	IAML		0624	41.15			25754	0.4				
TSSA	BZ	73	132	EP		0624	30.47	-1.94							1.0
JMU	BZ	88	234	EP		0624	35.98	1.13							1.0
THN	BZ	92	167	EP		0624	34.91	-0.63							1.0
THN	BN	92	167	ES		0624	47.32	0.16							1.0
THN	BN	92	167	IAML		0624	49.66			443	0.4				
DHRM	HZ	130	149	EP		0624	42.24	0.13							1.0
DHRM	HE	130	149	ES		0624	59.98	1.45							1.0
DHRM	HE	130	149	IAML		0625	01.84			2620	0.3				
TLWR	BZ	147	166	EP		0624	44.25	-0.41							1.0
TLWR	BZ	147	166	ES		0625	03.29	0.36							1.0
TLWR	BZ	147	166	IAML		0625	06.21			407	0.3				
ALCI	BZ	183	54	EP		0624	48.44	-1.15							1.0
ALCI	BN	183	54	ES		0625	11.83	0.36							1.0
ALCI	BN	183	54	IAML		0625	15.28			385	0.4				
SDNR	BZ	227	147	EP		0624	55.24	0.50							1.0
SDNR	BN	227	147	ES		0625	20.81	0.43							1.0
SDNR	BN	227	147	IAML		0625	24.36			264	0.3				
HNLY	BZ	320	98	EP		0625	06.82	0.26							1.0
HNLY	BE	320	98	ES		0625	42.16	1.34							1.0
HNLY	BN	320	98	IAML		0625	50.71			38	0.3				
KUDL	HZ	573	171	EP		0625	36.15	-0.70							1.0
KUDL	HN	573	171	ES		0626	31.98	-1.24							1.0
KUDL	HN	573	171	IAML		0626	35.64			147	0.2				
AJM	BE	762	187	ES		0627	12.30	-0.93							1.0
AJM	BE	762	187	IAML		0627	20.98			164	0.3				

August 22 2022 Hour: 10:56 36.3 Lat: 17.11N Lon: 75.56E D: 10.0F Ag: NCS Local
Magnitudes: 2.7ML NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LATR	BE	107	72	ES		1057	08.09	-0.32							1.0
LATR	BE	107	72	IAML		1057	10.48			59	0.1				
KAD	BZ	171	239	EP	*	1057	05.45	-0.12							0.0
POO	HN	187	285	ES		1057	30.35	0.08							1.0
POO	HN	187	285	IAML		1057	32.90			266	0.3				
HYB	HZ	326	103	EP		1057	25.18	0.66							1.0
GOA	HZ	344	213	EP		1057	26.18	-0.43							1.0

August 22 2022 Hour: 13:53 49.7 Lat: 32.90N Lon: 69.19E D: 10.0 Ag: NCS Regional
Magnitudes: 4.5ML NCS 3.9MW NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BN	537	75	ES		1355	54.42	-1.28							1.0
SRIN	BN	537	75	IAML		1356	02.68			2554	0.5				
SRGN	BE	555	125	ES		1356	00.27	1.01							1.0
SRGN	BN	555	125	IAML		1356	06.55			540	0.3				
THN	BN	622	93	EP		1355	12.77	-0.09							1.0
THN	BN	622	93	IAML		1356	19.33			473	0.4				
TLWR	BZ	645	98	EP		1355	15.66	0.10							1.0
DHRM	HZ	672	94	EP		1355	19.65	0.57							1.0
DHRM	HN	672	94	ES		1356	24.73	0.43							1.0
DHRM	HN	672	94	IAML		1356	27.92			783	0.5				
SDNR	BZ	743	100	EP		1355	27.78	0.18							1.0
SDNR	BN	743	100	ES		1356	39.99	0.95							1.0
SDNR	BN	743	100	IAML		1356	43.79			115	0.4				
SMLA	HZ	779	102	EP		1355	33.05	0.93							1.0
SMLA	HN	779	102	ES		1356	47.38	0.51							1.0
SMLA	HN	779	102	IAML		1356	52.99			440	0.4				
KUDL	HZ	876	125	EP		1355	43.30	-0.53							1.0
KUDL	HN	876	125	ES		1357	06.59	-0.53							1.0
KUDL	HN	876	125	IAML		1357	12.08			1047	0.3				
NPL	BE	898	120	ES		1357	11.12	-0.49							1.0
NPL	BN	898	120	IAML		1357	15.88			114	0.2				
NDI	HN	898	119	IAML		1357	17.05			1875	0.4				
NPL	BZ	898	120	EP		1355	45.70	-0.73							1.0
NDI	HZ	898	119	EP		1355	46.51	0.03							1.0
NDI	HN	898	119	ES		1357	11.64	-0.06							1.0
SONA	BN	914	122	ES		1357	14.72	-0.36							1.0
SONA	BN	914	122	IAML		1357	20.64			1646	0.3				
TKRD	BN	1010	111	ES		1357	34.69	-0.63							1.0
TKRD	BN	1010	111	IAML		1357	44.72			330	0.5				

August 22 2022 Hour: 18:40 7.6 Lat: 20.56N Lon: 72.39E D: 5.0F Ag: NCS Local
Magnitudes: 3.0ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHV	BZ	135	349	EP		1840	29.88	-1.02							1.0
BHV	BE	135	349	ES		1840	48.90	1.00							1.0
BHV	BE	135	349	IAML		1840	49.92			91	0.3				
BOM	BZ	189	166	EP		1840	37.73	-1.23							1.0
BOM	BN	189	166	ES		1841	03.08	1.24							1.0
BOM	BN	189	166	IAML		1841	04.32			698	0.2				
KAD	BE	406	152	ES		1841	47.92	0.04							1.0
KAD	BN	406	152	IAML		1841	50.94			26	0.3				
NGP	BE	697	83	ES		1842	49.15	-0.09							1.0
NGP	BN	697	83	IAML		1842	54.25			17	0.4				
HYB	HN	736	117	ES		1842	57.64	0.06							1.0
HYB	HN	736	117	IAML		1843	08.85			19	0.4				

August 22 2022 Hour: 20:50 32.0 Lat: 33.10N Lon: 75.49E D: 7.2 Ag: NCS Local
Magnitudes: 3.8ML NCS 3.9MW NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THN	BZ	79	158	EP		2050	44.75	-1.00							1.0
THN	BN	79	158	ES		2050	56.63	0.82							1.0
THN	BN	79	158	IAML		2051	00.32			969	0.3				
DHRM	HZ	122	141	EP		2050	52.23	-0.93							1.0
DHRM	HN	122	141	ES		2051	09.49	0.86							1.0
DHRM	HN	122	141	IAML		2051	12.95			4061	0.2				
SRIN	BE	123	329	ES		2051	09.43	0.63							1.0
SRIN	BE	123	329	IAML		2051	17.78			2714	0.2				
SDNR	BZ	220	142	EP		2051	06.03	-0.29							1.0
SDNR	BE	220	142	ES		2051	31.94	0.54							1.0
SMLA	HZ	270	144	EP		2051	13.66	0.99							1.0

SMLA	HE	270	144	ES	2051	42.51	0.14										1.0
SMLA	HE	270	144	IAML	2051	48.10			874	0.3							
DDI	HZ	393	141	EP	2051	26.24	-1.21										1.0
DDI	HE	393	141	ES	2052	08.06	0.11										1.0
DDI	HE	393	141	IAML	2052	11.28			170	0.2							
TKRD	BN	540	143	ES	2052	38.22	-0.67										1.0
TKRD	BN	540	143	IAML	2052	42.11			1037	0.4							
KUDL	HZ	558	170	EP	2051	47.06	-0.54										1.0
KUDL	HE	558	170	ES	2052	43.22	0.41										1.0
KUDL	HE	558	170	IAML	2053	08.82			828	0.4							
PTH	BZ	594	130	EP	2051	52.04	-0.12										1.0
PTH	BE	594	130	ES	2052	50.98	0.27										1.0
PTH	BE	594	130	IAML	2052	55.52			34	0.2							

August 22 2022 Hour: 21:51 42.2 Lat: 33.17N Lon: 75.55E D: 5.5 Ag: NCS Local
Magnitudes: 2.7ML NCS 3.1MW NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	80	238	EP		2151	56.53	0.51							1.0
THN	BZ	84	164	EP		2151	56.53	-0.17							1.0
THN	BN	84	164	ES		2152	06.47	-0.84							1.0
THN	BN	84	164	IAML		2152	09.27			57	0.2				
DHRM	HN	124	145	EP		2152	03.67	0.02							1.0
DHRM	HN	124	145	ES		2152	20.22	0.89							1.0
DHRM	HN	124	145	IAML		2152	22.60			456	0.2				
SDNR	BZ	222	145	EP		2152	16.47	-0.47							1.0
SDNR	BN	222	145	ES		2152	42.24	-0.10							1.0
SDNR	BN	222	145	IAML		2152	44.68			47	0.2				
SMLA	HZ	272	146	EP		2152	22.81	-0.50							1.0
SMLA	HN	272	146	ES		2152	54.03	0.67							1.0
SMLA	HE	272	146	IAML		2152	58.13			61	0.4				

August 22 2022 Hour: 22:14 43.4 Lat: 33.24N Lon: 75.52E D: 23.3 Ag: NCS Local
Magnitudes: 2.8ML NCS 3.5MW NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	83	232	EP		2214	57.95	0.26							1.0
THN	BZ	93	163	EP		2214	58.28	-0.96							1.0
DHRM	HZ	132	146	EP		2215	05.14	-0.25							1.0
DHRM	HE	132	146	ES		2215	22.50	1.08							1.0
DHRM	HN	132	146	IAML		2215	24.01			333	0.3				
SDNR	BZ	230	145	EP		2215	16.59	-0.59							1.0
SDNR	BN	230	145	ES		2215	41.01	-0.80							1.0
SDNR	BN	230	145	IAML		2215	46.35			33	0.2				
SMLA	HZ	281	146	EP		2215	24.82	1.26							1.0
SMLA	HN	281	146	IAML		2215	58.53			56	0.4				

August 23 2022 Hour: 2:33 42.7 Lat: 33.10N Lon: 75.55E D: 8.6 Ag: NCS Local
Magnitudes: 3.2ML NCS 3.1MW NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	44	243	EP		0233	50.02	-0.51							1.0
UDMP	HE	44	243	ES		0233	57.21	0.95							1.0
UDMP	HE	44	243	IAML		0233	59.40			18333	0.2				
JMU	BZ	76	243	EP		0233	56.29	0.44							1.0
THN	BZ	77	162	EP		0233	55.71	-0.33							1.0
DHRM	HN	118	143	EP		0234	02.01	-1.19							1.0
DHRM	HN	118	143	ES		0234	19.41	1.23							1.0
DHRM	HN	118	143	IAML		0234	21.86			1654	0.2				
TLWR	BZ	132	163	EP		0234	04.00	-1.41							1.0
TLWR	BZ	132	163	ES		0234	22.19	0.19							1.0
TLWR	BZ	132	163	IAML		0234	25.79			178	0.3				
SDNR	BZ	216	143	EP		0234	15.27	-1.11							1.0
SDNR	BN	216	143	ES		0234	41.55	0.58							1.0
SDNR	BN	216	143	IAML		0234	43.96			169	0.3				
SMLA	HZ	267	145	EP		0234	22.60	-0.13							1.0
SMLA	HE	267	145	ES		0234	52.62	0.65							1.0

August 23 2022 Hour: 8:47 37.2 Lat: 33.28N Lon: 75.73E D: 10.1 Ag: NCS Local
Magnitudes: 3.0ML NCS 3.5MW NCS Rms: 0.9 secs

August 23 2022 Hour: 8:56 18.8 Lat: 26.39N Lon: 89.96E D: 32.0 Ag: NCS Local
Magnitudes: 2.4ML NCS 3.2MW NCS Rms: 0.4 secs

August 23 2022 Hour: 14:31 42.2 Lat: 4.47S Lon: 103.68E D: 59.0 Ag: NCS Distant
Magnitudes: 6.8Mb NCS Rms: 0.9 secs

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VISK	HN	3321	318	IAmb	1437	47.94	2169	1.9	
SALM	BZ	3342	302	EP	1437	46.38 0.60			1.0
KNKR	BZ	3351	314	EP	1438	11.22 24.7			0.0
BWNR	BZ	3361	325	EP	1437	48.41 1.17			1.0
AGT	SZ	3416	337	EP	1437	52.26 0.69			1.0
RAGD	BZ	3434	320	EP	1437	54.37 1.31			0.9
SHL	HZ	3561	340	EP	1438	04.59 1.31			0.9
TURA	SZ	3623	337	EP	1438	06.14-1.83			0.9
HYB	HZ	3673	312	EP	1438	10.84-1.03			1.0
BOKR	HZ	3676	329	EP	1438	13.74 1.66			0.9
DHUB	SZ	3683	337	EP	1438	10.23-2.40			0.8
KNTI	BZ	3691	328	EP	1438	11.85-1.47			0.9
ZIRO	SZ	3695	344	EP	1438	12.28-1.32			0.9
COBR	BZ	3734	336	EP	1438	17.19 0.60			1.0
JPG	BZ	3793	336	EP	1438	21.81 0.66			1.0
GTK	SZ	3874	336	EP	1438	29.89 2.23			0.8
NGP	BZ	3908	317	EP	1438	30.85 0.69			1.0
KAD	BZ	4040	307	EP	1438	40.13-0.14			1.0
ALBI	BZ	4056	325	EP	1438	41.94 0.47			1.0
POO	HZ	4145	309	EP	1438	48.46 0.12			1.0
BNDA	BZ	4166	324	EP	1438	49.90 0.07			1.0
BHPL	HZ	4188	318	EP	1438	52.58 0.98			1.0
BOM	BZ	4258	308	EP	1438	55.35-1.47			0.9
BRCH	BZ	4266	327	EP	1438	57.45 0.04			1.0
BHV	BZ	4498	311	EP	1439	13.38-1.40			0.9
LGTI	BZ	4517	328	EP	1439	15.62-0.81			1.0
LGTI	BN	4517	328	IAmb	1439	23.32	2078	1.9	
PTH	BZ	4527	328	EP	1439	15.62-1.53			0.9
UNCH	BZ	4560	324	EP	1439	20.22 0.84			1.0
UDPR	BZ	4568	316	EP	1439	20.38 0.37			1.0
TKRD	BZ	4574	326	EP	1439	21.78 1.36			0.9
ASOR	BZ	4606	325	EP	1439	23.03 0.26			1.0
SONA	BZ	4611	323	EP	1439	23.68 0.59			1.0
SONA	BN	4611	323	ES	1445	34.94 0.17			1.0
JMIU	BZ	4622	324	EP	1439	23.45-0.48			1.0
AYAN	BZ	4626	324	EP	1439	23.87-0.34			1.0
LDR	HZ	4628	324	EP	1439	24.90 0.52			1.0
AJM	BZ	4636	319	EP	1439	24.29-0.72			1.0
AJM	BN	4636	319	IAmb	1439	42.83	2481	1.8	
NPL	BZ	4636	324	EP	1439	25.12 0.19			1.0
NDI	HZ	4637	324	EP	1439	25.22 0.19			1.0
KUDL	HZ	4641	323	EP	1439	23.83-1.47			0.9
UJWA	BZ	4648	323	EP	1439	25.82 0.01			1.0
JOSI	BZ	4651	328	EP	1439	25.96-0.34			1.0
NRLA	BZ	4659	324	EP	1439	27.07 0.46			1.0
GNR	BZ	4687	324	EP	1439	27.64-1.02			1.0
RTK	BZ	4718	323	EP	1439	30.48-0.47			1.0
DDI	HZ	4721	326	EP	1439	31.80 0.59			1.0
KKR	BZ	4768	325	EP	1439	34.17-0.40			1.0
BHUJ	HZ	4804	311	EP	1439	38.58 1.42			0.9
CGRH	BZ	4835	325	EP	1439	38.54-0.92			1.0
BKNR	BZ	4869	320	EP	1439	40.65-1.22			1.0
BHK	BZ	4881	326	EP	1439	42.46-0.30			1.0
SDNR	BZ	4894	326	EP	1439	44.34 0.51			1.0
SDNR	BN	4894	326	IAmb	1439	46.86	739	0.4	
JASL	BZ	4951	316	EP	1439	48.04 0.23			1.0
SRGN	BZ	4959	322	EP	1439	48.44 0.08			1.0
TLWR	BZ	4989	326	EP	1439	50.13-0.41			1.0
DHRM	HZ	4991	326	EP	1439	51.59 0.62			1.0
DHRM	HN	4991	326	IAmb	1439	54.04	10591	3.5	
DHRM	HN	4991	326	ES	1446	25.46 0.16			1.0
THN	BZ	5039	326	EP	1439	55.05 0.93			1.0
THN	BN	5039	326	IAmb	1439	59.11	3531	1.9	
ALCI	BZ	5108	329	EP	1439	59.11-0.33			1.0

ALCI	BN	5108	329	I Amb	1440	07.45			3540	1.9					
JMU	BZ	5128	326	EP	1439	59.51	-0.87								1.0

August 23 2022 Hour: 16:44 33.2

Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHL	HZ			EP		1645	57.84								
GUWA	SZ			EP		1646	23.70								
TURA	SZ			EP		1645	51.01								
ZIRO	SZ			EP		1645	40.24								
DHUB	SZ			EP		1646	32.15								
AGT	SZ			EP		1646	09.77								
DGPR	HZ			EP		1645	42.94								

August 23 2022 Hour: 17:53 44.0

Lat: 33.17N Lon: 75.65E D: 10.9

Ag: NCS Local

Magnitudes: 4.0ML NCS 4.2MW NCS										Rms: 0.9 secs					
STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	57	240	EP		1753	53.62	-0.39							1.0
UDMP	HE	57	240	ES		1754	01.55	0.21							1.0
UDMP	HN	57	240	IAML		1754	03.86		146000		0.4				
THN	BZ	82	170	EP		1753	58.16	-0.09							1.0
JMU	BZ	88	241	EP		1753	59.33	0.01							1.0
JMU	BN	88	241	ES		1754	11.04	0.51							1.0
JMU	BN	88	241	IAML		1754	21.14			4701	0.9				
DHRM	HZ	119	149	EP		1754	04.86	0.25							1.0
DHRM	HN	119	149	ES		1754	20.31	0.63							1.0
DHRM	HN	119	149	IAML		1754	24.89			5631	0.2				
SRIN	BZ	126	321	EP		1754	05.80	0.19							1.0
SRIN	BN	126	321	ES		1754	22.19	0.77							1.0
SRIN	BE	126	321	IAML		1754	26.28			2338	0.7				
ALCI	BN	183	50	ES		1754	34.78	-0.58							1.0
ALCI	BN	183	50	IAML		1754	39.92			1436	0.8				
AMRT	HZ	183	203	EP		1754	13.66	0.42							1.0
AMRT	HN	183	203	ES		1754	36.17	1.55							1.0
AMRT	HN	183	203	IAML		1754	39.13			33703	0.2				
ALCI	BZ	183	50	EP		1754	13.17	-0.50							1.0
SDNR	BZ	216	147	EP		1754	18.28	0.84							1.0
SDNR	BN	216	147	ES		1754	42.01	0.12							1.0
SDNR	BN	216	147	IAML		1754	47.21			641	0.2				
BHK	BZ	231	148	EP		1754	17.56	-1.58							1.0
BHK	BN	231	148	ES		1754	44.37	-0.45							1.0
CGRH	BN	290	158	ES		1754	58.88	1.55							1.0
DDI	HN	389	144	ES		1755	19.25	0.95							1.0
DDI	HN	389	144	IAML		1755	23.20			266	0.2				
SRGN	BN	397	205	ES		1755	18.07	-1.80							1.0
JOSI	BE	469	127	ES		1755	36.97	1.43							1.0
JOSI	BN	469	127	IAML		1755	40.10			58	0.2				
NDI	HN	519	163	ES		1755	43.71	-1.88							1.0
NDI	HN	519	163	IAML		1755	48.49			426	0.2				
KUDL	HZ	563	172	EP		1754	59.01	-0.67							1.0
KUDL	HN	563	172	ES		1755	54.83	-0.12							1.0
KUDL	HN	563	172	IAML		1755	57.62			414	0.1				
AJM	BZ	754	188	EP		1755	21.99	-1.02							1.0
AJM	BE	754	188	ES		1756	34.96	-0.36							1.0
AJM	BN	754	188	IAML		1756	39.90			26	0.6				

August 24 2022 Hour: 13:50 0.9

Lat: 35.86N Lon: 70.62E D: 75.0F

Ag: NCS Regional

Magnitudes: 3.7ML NCS										Rms: 0.7 secs					
STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BN	526	130	ES		1352	19.95	-0.58							1.0
JMU	BN	526	130	IAML		1352	22.78			173	0.4				
THN	BN	604	128	EP		1351	31.95	1.14							1.0
THN	BN	604	128	ES		1352	35.91	0.41							1.0
THN	BN	604	128	IAML		1352	37.65			172	0.7				
DHRM	HN	659	126	EP		1351	37.86	0.29							1.0

DHRM	HE	659	126	ES	1352	46.43-0.70										1.0
DHRM	HN	659	126	IAML	1352	50.61		197	0.3							
BHK	BZ	729	131	EP	1351	43.74-0.87										1.0
BHK	BE	729	131	ES	1353	00.47 1.23										1.0
BHK	BN	729	131	IAML	1353	03.60		108	0.4							
SDNR	BZ	761	128	EP	1351	48.07-0.27										1.0
SDNR	BE	761	128	ES	1353	05.23-0.43										1.0
SDNR	BE	761	128	IAML	1353	06.86		46	0.5							
KUDL	HZ	1019	145	EP	1352	17.77-0.28										1.0
KUDL	HN	1019	145	ES	1353	56.82 0.06										1.0
KUDL	HN	1019	145	IAML	1354	04.42		76	0.3							

August 24 2022 Hour: 17:34 25.3 Lat: 33.18N Lon: 75.64E D: 9.0 Ag: NCS Local
Magnitudes: 4.2ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	57	239	EP		1734	34.16-1.10								1.0
UDMP	HN	57	239	ES		1734	42.21-0.34								1.0
UDMP	HE	57	239	IAML		1734	44.50		270000	0.2					
THN	BZ	84	170	EP		1734	39.24-0.58								1.0
THN	BE	84	170	ES		1734	50.46 0.02								1.0
THN	BE	84	170	IAML		1734	50.98		342	0.2					
JMU	BZ	88	240	EP		1734	40.55-0.04								1.0
JMU	BE	88	240	ES		1734	53.45 1.68								1.0
JMU	BN	88	240	IAML		1735	04.09		6401	1.0					
DHRM	HN	121	149	EP		1734	46.00-0.26								1.0
DHRM	HN	121	149	ES		1735	02.23 0.65								1.0
DHRM	HN	121	149	IAML		1735	06.00		7842	0.3					
SRIN	BZ	124	321	EP		1734	46.94 0.13								1.0
SRIN	BN	124	321	ES		1735	02.77 0.24								1.0
SRIN	BN	124	321	IAML		1735	07.38		3122	0.4					
ALCI	BZ	183	51	EP		1734	55.78 0.59								1.0
ALCI	BN	183	51	ES		1735	16.68-0.35								1.0
ALCI	BN	183	51	IAML		1735	21.46		2091	0.8					
AMRT	HZ	184	202	EP		1734	54.95 0.02								1.0
AMRT	HE	184	202	ES		1735	16.25-0.32								1.0
AMRT	HE	184	202	IAML		1735	20.92		113000	0.1					
SDNR	BZ	218	147	EP		1734	59.52 0.31								1.0
SDNR	BN	218	147	ES		1735	24.44 0.45								1.0
SDNR	BN	218	147	IAML		1735	28.33		556	0.4					
BHK	BZ	233	148	EP		1734	58.44-2.47								1.0
BHK	BN	233	148	ES		1735	25.95-0.97								1.0
BHK	BN	233	148	IAML		1735	27.08		5971	0.5					
CGRH	BN	292	158	ES		1735	40.33 0.90								1.0
DDI	HN	391	144	ES		1736	01.25 0.85								1.0
DDI	HN	391	144	IAML		1736	04.51		219	0.2					
CHAT	HZ	507	135	EP		1735	34.66 0.14								1.0
CHAT	HE	507	135	ES		1736	24.83-0.23								1.0
CHAT	HN	507	135	IAML		1736	30.08		2631	0.2					
NDI	HN	520	163	ES		1736	27.53-0.15								1.0
NDI	HN	520	163	IAML		1736	30.36		821	0.2					
AYAN	BZ	540	164	EP		1735	38.28-0.13								1.0
AYAN	BN	540	164	ES		1736	32.42 0.62								1.0
AYAN	BN	540	164	IAML		1736	35.24		256	0.2					
SONA	BE	564	166	ES		1736	36.24-0.59								1.0
SONA	BE	564	166	IAML		1736	39.99		1537	0.3					
KUDL	HZ	565	172	EP		1735	41.27-0.16								1.0
KUDL	HN	565	172	ES		1736	36.44-0.59								1.0
KUDL	HN	565	172	IAML		1736	42.12		625	0.2					
PTH	BZ	589	131	EP		1735	45.11 0.54								1.0
PTH	BN	589	131	ES		1736	43.55 1.10								1.0
PTH	BE	589	131	IAML		1736	45.98		27	0.2					
LGTI	BZ	596	134	EP		1735	45.46 0.04								1.0

August 24 2022 Hour: 18:22 44.2 Lat: 33.14N Lon: 75.57E D: 11.6 Ag: NCS Local
Magnitudes: 2.9ML NCS 3.4MW NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	80	240	EP		1822	58.42	0.27							1.0
JMU	BE	80	240	IAML		1823	22.45			355	0.7				
THN	BZ	80	164	EP		1822	57.60	-0.63							1.0
THN	BE	80	164	ES		1823	08.44	-0.06							1.0
THN	BE	80	164	IAML		1823	11.32			61	0.2				
DHRM	HZ	120	145	EP		1823	05.01	0.04							1.0
DHRM	HN	120	145	ES		1823	21.28	1.11							1.0
DHRM	HN	120	145	IAML		1823	24.51			722	0.3				
SDNR	BZ	218	145	EP		1823	18.00	0.24							1.0
SDNR	BN	218	145	IAML		1823	46.86			72	0.3				
BHK	BN	232	146	ES		1823	44.22	-0.96							1.0
BHK	BN	232	146	IAML		1823	45.21			594	0.6				
PTH	BZ	591	131	EP		*1823	58.73	-4.63							0.0

August 24 2022 Hour: 18:35 22.3 Lat: 16.80N Lon: 75.85E D: 5.0F Ag: NCS Local
Magnitudes: 3.8ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SLPR	HZ	97	5	EP		1835	39.67	0.59							1.0
SLPR	HE	97	5	ES		1835	51.63	0.33							1.0
SLPR	HN	97	5	IAML		1835	56.56			8182	0.2				
KLBG	HZ	120	61	EP		1835	42.56	-0.54							1.0
KLBG	HN	120	61	ES		1835	56.90	-1.35							1.0
KLBG	HN	120	61	IAML		1835	59.11			6718	0.2				
BLRY	HZ	176	163	EP		1835	49.84	-1.68							1.0
KAD	BZ	186	288	EP		1835	52.43	-0.38							1.0
KAD	BN	186	288	ES		1836	14.47	-0.58							1.0
KAD	BN	186	288	IAML		1836	16.85			113	0.3				
KNL	HZ	260	116	EP		1836	02.60	0.74							1.0
KNL	HN	260	116	ES		1836	32.17	1.47							1.0
KNL	HN	260	116	IAML		1836	33.93			3143	0.1				
POO	HN	286	312	ES		1836	36.22	0.09							1.0
POO	HN	286	312	IAML		1836	37.53			257	0.4				
HYB	HN	296	76	ES		1836	38.43	0.26							1.0
ATP	HZ	310	141	EP		1836	08.44	0.58							1.0
ATP	HE	310	141	ES		1836	40.96	-0.13							1.0
ATP	HN	310	141	IAML		1836	46.13			346	0.1				
BOM	BE	397	306	ES		1837	00.09	0.63							1.0

August 24 2022 Hour: 21:48 8.0 Lat: 23.85N Lon: 94.54E D: 24.2 Ag: NCS Local
Magnitudes: 5.0ML NCS Rms: 1.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHL	HN	331	306	EP		2148	55.70	1.61							1.0
SHL	HN	331	306	ES		*2149	27.21	-0.50							0.0
SHL	HN	331	306	IAML		2149	27.57			11888	0.3				
AGT	SZ	335	271	EP		*2148	56.31	1.91							0.0
AGT	SN	335	271	ES		*2149	31.27	1.11							0.0
GUWA	SZ	387	313	EP		2149	01.89	1.18							1.0
GUWA	SN	387	313	ES		2149	38.27	-0.90							1.0
GUWA	SN	387	313	IAML		2149	41.43			209	0.4				
TURA	SZ	474	294	EP		2149	12.14	0.78							1.0
TURA	SN	474	294	ES		2149	57.26	-0.34							1.0
TURA	SN	474	294	IAML		2150	03.20			8546	0.2				
TAWA	SZ	493	328	EP		2149	16.28	2.53							1.0
TAWA	SN	493	328	ES		2150	01.15	-0.58							1.0
TAWA	SN	493	328	IAML		2150	09.38			12723	0.3				
DHUB	SZ	518	299	EP		2149	17.58	0.90							1.0
DHUB	SZ	518	299	ES		2150	06.78	-0.02							1.0
DHUB	SN	518	299	IAML		2150	10.91			1809	0.3				
COBR	BZ	579	299	EP		2149	24.92	0.75							1.0
COBR	BN	579	299	ES		2150	21.03	1.27							1.0

COBR	BN	579	299	IAML	2150	24.84	19569	0.4	
JPG	BN	659	298	EP	2149	33.72-0.19			1.0
JPG	BN	659	298	ES	2150	36.82 0.22			1.0
JPG	BN	659	298	IAML	2150	43.42	7215	0.4	
GTK	SZ	709	304	EP	2149	40.48 0.26			1.0
GTK	SN	709	304	ES	2150	47.78 0.26			1.0
GTK	SE	709	304	IAML	2150	53.88	1818	0.5	
JMUI	BN	851	280	ES	2151	17.93 0.66			1.0
JMUI	BZ	851	280	IAML	2151	20.97	826	0.2	
BOKR	HZ	881	271	EP	2150	01.25 0.13			1.0
BOKR	HN	881	271	ES	2151	24.89 1.21			1.0
BOKR	HN	881	271	IAML	2151	28.91	5185	0.3	
BWNR	BZ	984	248	EP	2150	13.77 0.17			1.0
BWNR	BN	984	248	ES	2151	45.72 0.45			1.0
STMR	BZ	986	291	EP	2150	13.67-0.23			1.0
STMR	BE	986	291	ES	2151	46.38 0.59			1.0
STMR	BN	986	291	IAML	2151	56.22	3303	0.4	
DGPR	HZ	1193	188	EP	2150	39.26 0.05			1.0
DGPR	HN	1193	188	ES	2152	29.17-0.41			1.0
DGPR	HN	1193	188	IAML	2152	36.36	63	0.6	
VISK	HZ	1349	242	EP	2150	58.31 0.12			1.0
VISK	HN	1349	242	ES	2153	02.05-0.36			1.0
VISK	HN	1349	242	IAML	2153	06.22	576	0.3	
PBA	HZ	1363	188	EP	2151	00.28 0.36			1.0
PBA	HN	1363	188	ES	2153	05.24-0.16			1.0
PBA	HN	1363	188	IAML	2153	13.71	119	0.6	
PTH	BZ	1560	297	EP	2151	22.33-1.78			1.0
PTH	BN	1560	297	ES	2153	46.28-0.97			1.0
PTH	BN	1560	297	IAML	2153	56.63	199	0.5	
NGP	BZ	1620	262	EP	2151	29.85-1.36			0.9
NGP	BN	1620	262	ES	2153	59.80 0.27			0.9
NGP	BN	1620	262	IAML	2154	05.55	175	0.5	
BHPL	HZ	1747	271	EP	2151	46.81 0.19			0.8
BHPL	HN	1747	271	ES	2154	25.68-0.51			0.8
BHPL	HN	1747	271	IAML	2154	34.18	103	0.8	
DDI	HZ	1782	297	EP	2151	56.77 5.94			0.8
DDI	HN	1782	297	ES	2154	32.56-0.91			0.8
DDI	HN	1782	297	IAML	2154	42.15	473	0.4	
HYB	HN	1810	250	ES	2154	38.74-0.44			0.8
NDI	HN	1810	291	ES	2154	38.30-0.80			0.8
NDI	HN	1810	291	IAML	2154	41.69	1661	0.5	
HYB	HN	1810	250	IAML	2154	45.29	154	0.4	
NDI	HZ	1810	291	EP	2151	55.44 1.36			0.8
HYB	HZ	1810	250	EP	2151	53.61-0.51			0.8
NPL	BZ	1812	291	EP	2151	53.78-0.62			0.8
NPL	BN	1812	291	ES	2154	39.04-0.61			0.8
NPL	BN	1812	291	IAML	2154	47.17	323	0.3	
SONA	BN	1813	289	ES	2154	38.93-0.91			0.8
SONA	BN	1813	289	IAML	2154	43.01	2724	0.4	
AYAN	BN	1813	290	IAML	2154	44.66	180	0.6	
SONA	BZ	1813	289	EP	2151	53.57-0.94			0.8
AYAN	BZ	1813	290	EP	2151	53.32-1.11			0.8
AYAN	BN	1813	290	ES	2154	37.54-2.17			0.8
KUDL	HZ	1867	289	EP	2152	00.13-0.81			0.8
KUDL	HN	1867	289	ES	2154	51.25 0.29			0.8
KUDL	HN	1867	289	IAML	2154	59.70	1002	0.6	
BHK	BN	1924	300	EP	2152	07.54-0.37			0.7
BHK	BN	1924	300	ES	2155	02.63-0.40			0.7
BHK	BN	1924	300	IAML	2155	21.90	253	0.7	
SDNR	BZ	1933	300	EP	2152	08.67-0.33			0.7
SDNR	BN	1933	300	ES	2155	03.99-0.93			0.7
SDNR	BN	1933	300	IAML	2155	13.63	62	0.6	
DHRM	HN	2016	302	EP	2152	14.41-4.69			0.7
DHRM	HN	2016	302	ES	2155	23.00 0.62			0.7

DHRM	HN	2016	302	IAML	2155	32.24		1839	0.7	
THN	BZ	2067	302	EP	2152	23.19-1.99				0.6
THN	BZ	2067	302	ES	2155	31.89-1.01				0.6
THN	BZ	2067	302	IAML	2155	48.23		723	0.8	
UDPR	BZ	2115	276	EP	2152	27.69-3.20				0.6
UDPR	BN	2115	276	ES	2155	41.90-0.87				0.6
UDPR	BN	2115	276	IAML	2155	55.02		62	0.6	
SALM	BZ	2196	235	EP	*2152	34.06-6.53				0.0
SALM	BE	2196	235	ES	2155	59.38 6.35				0.5
SALM	BE	2196	235	IAML	2156	06.64		123	0.3	
POO	HZ	2225	259	EP	*2152	35.35-8.78				0.0
POO	HN	2225	259	ES	2156	05.22 8.31				0.5
POO	HN	2225	259	IAML	2156	10.10		195	0.3	

August 25 2022 Hour: 6:19 40.8 Lat: 28.72N Lon: 76.60E D: 5.0F Ag: NCS Local
Magnitudes: 3.4ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JHJR	BN	14	143	ES		0619	45.06-0.10								1.0
BHGR	BN	33	96	ES		0619	51.10 0.26								1.0
BHGR	BN	33	96	IAML		0619	53.36			6034	0.2				
UJWA	BZ	34	119	EP		0619	46.29-0.46								1.0
UJWA	BN	34	119	ES		0619	51.55 0.47								1.0
UJWA	BN	34	119	IAML		0619	52.69			4475	0.2				
RTK	BZ	39	332	EP		0619	47.36-0.20								1.0
RTK	BN	39	332	ES		0619	52.62 0.14								1.0
RTK	BN	39	332	IAML		0619	53.27			6075	0.2				
NRLA	BZ	50	73	EP		0619	49.68 0.17								1.0
NRLA	BZ	50	73	ES		0619	55.85-0.01								1.0
NRLA	BN	50	73	IAML		0619	56.58			2633	0.1				
NPL	BZ	57	99	EP		0619	51.11 0.51								1.0
AYAN	BZ	58	117	EP		0619	51.13 0.25								1.0
AYAN	BN	58	117	ES		0619	58.26 0.05								1.0
AYAN	BN	58	117	IAML		0619	59.21			651	0.1				
NDI	HZ	60	94	EP		0619	51.63 0.45								1.0
NDI	HN	60	94	ES		0619	58.85 0.12								1.0
KUDL	HZ	65	190	EP		0619	52.40 0.26								1.0
KUDL	HE	65	190	ES		0620	00.29-0.11								1.0
KUDL	HE	65	190	IAML		0620	02.06			2044	0.2				
SONA	BZ	70	139	EP		0619	53.76 0.88								1.0
SONA	BN	70	139	ES		0620	01.48-0.20								1.0
SONA	BN	70	139	IAML		0620	01.68			2443	0.3				
JMIU	BZ	70	104	EP		0619	53.07 0.16								1.0
JMIU	BE	70	104	ES		0620	00.24-1.49								1.0
JMIU	BE	70	104	IAML		0620	02.38			990	0.2				
MERT	BZ	114	76	EP		0619	59.50-1.08								1.0
MERT	BE	114	76	ES		0620	14.84-0.17								1.0
MERT	BE	114	76	IAML		0620	19.41			1132	0.2				
DDI	HN	227	38	ES		0620	43.90 0.78								1.0
DDI	HN	227	38	IAML		0620	48.00			209	0.3				
CHAT	HN	297	64	ES		0620	58.35 0.35								1.0
BHK	BN	298	6	ES		0620	56.88-1.19								1.0
BHK	BN	298	6	IAML		0620	57.72			65	0.3				
AJM	BZ	320	218	EP		0620	28.48 0.27								1.0
AJM	BN	320	218	ES		0621	02.20-0.59								1.0
AJM	BN	320	218	IAML		0621	10.33			403	0.3				
DHRM	HN	392	356	ES		0621	18.72 0.49								1.0

August 25 2022 Hour: 21:25 37.7 Lat: 36.00N Lon: 70.93E D:139.7 Ag: NCS Regional
Magnitudes: 4.3ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	506	134	EP		2126	45.53 0.86								1.0
JMU	BN	506	134	ES		2127	32.17-1.39								1.0
JMU	BN	506	134	IAML		2127	38.63			1219	0.4				
THN	BZ	598	130	EP		2126	55.72 0.10								1.0

THN	BN	598	130	ES	2127	52.60	0.11									1.0
THN	BN	598	130	IAML	2127	56.96		374	0.4							
DHRM	HN	647	128	EP	2127	01.89	0.20									1.0
DHRM	HN	647	128	ES	2128	03.41	0.42									1.0
DHRM	HN	647	128	IAML	2128	06.69		553	0.5							
SDNR	BZ	743	130	EP	2127	13.06	0.07									1.0
SDNR	BN	743	130	ES	2128	22.53	-0.01									1.0
SDNR	BN	743	130	IAML	2128	25.38		138	0.4							
BHK	BZ	755	131	EP	*2127	09.60	-4.84									0.0
BHK	BN	755	131	ES	*2128	17.84	-2.37									0.0
BHK	BE	755	131	IAML	2128	24.07		223	0.4							
CGRH	BN	798	135	ES	2128	35.26	1.38									1.0
CGRH	BN	798	135	IAML	2128	40.29		642	0.5							
DDI	HN	915	131	ES	2129	01.08	2.80									1.0
DDI	HN	915	131	IAML	2129	06.88		181	0.4							
RTK	BN	928	145	ES	2129	00.28	-0.61									1.0
RTK	BN	928	145	IAML	2129	03.70		287	0.4							
NDI	HZ	1003	142	EP	2127	45.46	1.30									1.0
NDI	HN	1003	142	ES	2129	16.36	-0.11									1.0
NDI	HN	1003	142	IAML	2129	23.76		890	0.4							
JOSI	BZ	1004	125	EP	2127	43.95	-0.59									1.0
JOSI	BN	1004	125	ES	2129	15.77	-1.35									1.0
JOSI	BN	1004	125	IAML	2129	22.09		81	0.3							
KUDL	HE	1017	147	IAML	2129	23.53		539	0.4							
AYAN	BN	1017	143	ES	2129	18.18	-1.23									1.0
AYAN	BN	1017	143	IAML	2129	24.23		72	0.7							
KUDL	HZ	1017	147	EP	2127	45.17	-0.64									1.0
KUDL	HN	1017	147	ES	2129	18.56	-0.75									1.0
SONA	BN	1036	144	ES	2129	22.85	-0.43									1.0
SONA	BN	1036	144	IAML	2129	26.99		586	0.3							
AJM	BZ	1118	161	EP	2127	57.18	-0.87									1.0
AJM	BN	1118	161	ES	2129	40.99	0.50									1.0
AJM	BN	1118	161	IAML	2129	47.46		37	0.5							
PTH	BZ	1121	127	EP	2127	57.66	-0.93									1.0
PTH	BN	1121	127	ES	2129	41.68	0.25									1.0
PTH	BN	1121	127	IAML	2129	47.09		49	0.6							
UDPR	BZ	1293	167	EP	2128	19.55	0.40									1.0
UDPR	BE	1293	167	ES	2130	17.50	0.49									1.0
UDPR	BN	1293	167	IAML	2130	24.33		35	0.5							

August 25 2022 Hour: 21:58 32.6 Lat: 33.24N Lon: 75.78E D: 9.7 Ag: NCS Local
Magnitudes: 3.3ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THN	BZ	89	178	EP		2158	47.12	-0.98							1.0
THN	BN	89	178	ES		2158	59.35	-0.09							1.0
THN	BN	89	178	IAML		2159	01.78		435	0.5					
JMU	BZ	102	240	EP		2158	48.89	-1.47							1.0
JMU	BN	102	240	ES		2159	04.83	1.49							1.0
JMU	BN	102	240	IAML		2159	09.94		838	0.9					
DHRM	HN	121	156	EP		2158	54.01	0.37							1.0
DHRM	HN	121	156	ES		2159	09.68	0.67							1.0
DHRM	HN	121	156	IAML		2159	14.46		2014	0.2					
ALCI	BN	169	50	ES		2159	21.69	0.47							1.0
ALCI	BN	169	50	IAML		2159	28.81		281	0.4					
SDNR	BN	218	151	EP		2159	07.52	1.15							1.0
SDNR	BN	218	151	ES		2159	31.64	0.60							1.0
SDNR	BN	218	151	IAML		2159	36.54		155	0.3					
BHK	BZ	232	152	EP		2159	06.67	-1.43							1.0
BHK	BN	232	152	ES		2159	33.42	-0.61							1.0
BHK	BN	232	152	IAML		2159	34.91		1254	0.5					
KUDL	HZ	570	173	EP		2159	48.74	-0.55							1.0
KUDL	HE	570	173	ES		2200	45.38	0.08							1.0
KUDL	HE	570	173	IAML		2200	55.24		134	0.2					
PTH	BZ	584	133	EP		2159	51.83	0.60							1.0

PTH	BN	584	133	ES		2200	48.34-0.30										1.0
PTH	BN	584	133	IAML		2200	54.26			7	0.3						

August 25 2022 Hour: 22:37 28.8 Lat: 33.48N Lon: 75.45E D: 26.3 Ag: NCS Local
Magnitudes: 2.8ML NCS 3.4MW NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	70	205	EP		2237	42.06	0.79							1.0
UDMP	HN	70	205	ES		2237	49.79-0.57								1.0
UDMP	HN	70	205	IAML		2237	52.30			4915	0.2				
THN	BZ	120	164	EP		2237	48.71-0.16								1.0
THN	BN	120	164	IAML		2238	04.08			34	0.4				
THN	BZ	120	164	ES		2238	04.08	0.58							1.0
DHRM	HZ	159	149	EP		2237	53.22-0.53								1.0
DHRM	HN	159	149	ES		2238	12.63	0.69							1.0
DHRM	HN	159	149	IAML		2238	14.81			162	0.2				
SDNR	BZ	256	147	EP		2238	05.51	0.01							1.0
SDNR	BN	256	147	ES		2238	32.71	0.43							1.0
SDNR	BN	256	147	IAML		2238	36.92			15	0.3				
BHK	BE	271	148	ES		2238	33.98-1.24								1.0
BHK	BE	271	148	IAML		2238	34.54			60	0.5				

August 25 2022 Hour: 23:22 46.0 Lat: 31.42N Lon: 69.64E D:280.0F Ag: NCS Regional
Magnitudes: 3.8ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BN	513	71	ES		2324	48.81-0.09								1.0
JMU	BN	513	71	IAML		2324	51.87			507	0.3				
THN	BZ	594	77	EP		2324	08.30	1.38							1.0
THN	BZ	594	77	ES		2325	05.96-0.04								1.0
THN	BN	594	77	IAML		2325	12.51			36	0.3				
DHRM	HN	638	80	EP		2324	12.98	0.68							1.0
DHRM	HN	638	80	ES		2325	14.44-0.86								1.0
DHRM	HN	638	80	IAML		2325	24.60			335	0.4				
KUDL	HZ	755	117	EP		2324	26.02-0.54								1.0
KUDL	HE	755	117	ES		2325	40.57	0.59							1.0
KUDL	HN	755	117	IAML		2325	42.01			80	0.6				
PTH	BZ	1034	99	EP		2324	58.99-1.59								1.0
PTH	BN	1034	99	ES		2326	39.31	0.48							1.0
PTH	BN	1034	99	IAML		2326	40.25			47	0.3				
BHK	BZ			EP		*2324	11.52								
BHK	BN			ES		*2325	15.61								

August 26 2022 Hour: 1:30 3.0 Lat: 16.48N Lon: 75.81E D: 23.7 Ag: NCS Local
Magnitudes: 3.6ML NCS 3.8MW NCS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KAD	BZ	196	298	EP		*0130	27.20-5.27								0.0
KAD	BN	196	298	ES		0130	49.04	0.30							1.0
KAD	BE	196	298	IAML		0130	49.62			152	0.3				
GOA	HZ	239	243	EP		0130	37.83	0.16							1.0
GOA	HE	239	243	ES		0131	02.76-0.23								1.0
GOA	HE	239	243	IAML		0131	08.61			1050	0.5				
HYB	HZ	310	70	EP		0130	46.55	0.14							1.0
HYB	HN	310	70	ES		0131	17.92-0.20								1.0
HYB	HN	310	70	IAML		0131	18.91			223	0.2				
MDRS	HE	608	129	ES		0132	21.11	0.13							1.0
MDRS	HN	608	129	IAML		0132	24.72			297	0.2				
NGP	BN	622	33	ES		*0132	14.78-9.04								0.0

August 26 2022 Hour: 4:52 24.5 Lat: 25.02N Lon: 95.00E D: 10.0F Ag: NCS Local
Magnitudes: 4.2ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMPI	HZ	241	226	EP		0453	02.50	0.14							1.0
CMPI	HN	241	226	ES		0453	29.84-0.14								1.0
CMPI	HN	241	226	IAML		0453	34.40			21785	0.3				
LKP	SZ	270	18	EP		0453	05.89	0.08							1.0

LKP	SN	270	18	ES	0453	36.36	0.41										1.0
LKP	SN	270	18	IAML	0453	39.74			3410	0.2							
SHL	HZ	322	282	EP	0453	12.19	-0.18										1.0
SHL	HN	322	282	ES	0453	46.43	-0.88										1.0
SHL	HN	322	282	IAML	0453	47.58			971	0.2							
AGT	SN	401	253	ES	0454	04.08	0.61										1.0
AGT	SN	401	253	IAML	0454	09.06			1200	0.3							
TAWA	SZ	424	313	EP	0453	25.61	1.05										1.0
TAWA	SN	424	313	ES	0454	08.80	0.42										1.0
TAWA	SN	424	313	IAML	0454	14.40			4612	0.3							
TUTG	HZ	441	359	EP	0453	26.36	-0.33										1.0
TUTG	HE	441	359	ES	0454	11.41	-0.66										1.0
TURA	SZ	484	278	EP	0453	31.63	-0.35										1.0
TURA	SE	484	278	ES	0454	20.95	-0.28										1.0
TURA	SE	484	278	IAML	0454	26.11			844	0.2							
DHUB	SZ	515	284	EP	0453	35.43	-0.29										1.0
DHUB	SZ	515	284	ES	0454	27.36	-0.33										1.0
DHUB	SZ	515	284	IAML	0454	30.30			215	0.7							
GTK	SZ	689	293	EP	0453	58.10	1.05										1.0
GTK	SN	689	293	ES	0455	04.66	0.06										1.0
GTK	SN	689	293	IAML	0455	12.06			98	0.2							
BOKR	HZ	934	264	EP	0454	25.56	-1.33										1.0
BOKR	HN	934	264	ES	0455	57.18	0.95										1.0
BOKR	HN	934	264	IAML	0456	01.75			69	0.3							

August 26 2022 Hour: 9: 4 12.5 Lat: 16.64N Lon: 76.00E D: 10.0F Ag: NCS Local
Magnitudes: 3.0ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SLPR	HN	114	356	EP		0904	31.95	-0.29							1.0
SLPR	HN	114	356	ES		0904	46.96	0.27							1.0
SLPR	HE	114	356	IAML		0904	47.77			497	0.2				
KLBG	HZ	116	50	EP		0904	33.05	0.48							1.0
KLBG	HN	116	50	ES		0904	46.60	-0.65							1.0
KLBG	HN	116	50	IAML		0904	47.63			152	0.2				
BLRY	HZ	154	167	EP		0904	38.86	-0.27							1.0
BLRY	HN	154	167	ES		0904	58.03	-0.58							1.0
BLRY	HN	154	167	IAML		0905	02.21			433	0.2				
ATP	HN	285	142	ES		0905	28.18	1.05							1.0

August 26 2022 Hour: 18:21 7.3 Lat: 29.43N Lon: 84.31E D: 39.1 Ag: NCS Local
Magnitudes: 2.8ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PTH	BZ	398	274	EP		1822	01.30	1.03							1.0
PTH	BN	398	274	ES		1822	37.64	-1.32							1.0
PTH	BN	398	274	IAML		1822	49.71			29	0.7				
LGTI	BZ	410	271	EP		1822	01.42	-0.26							1.0
LGTI	BN	410	271	ES		1822	42.22	0.83							1.0
LGTI	BN	410	271	IAML		1822	50.19			62	0.6				
GTK	SZ	481	118	EP		1822	10.59	0.27							1.0
GTK	SN	481	118	ES		1822	55.94	-0.40							1.0
GTK	SN	481	118	IAML		1822	59.00			13	0.2				
DHRM	HN	827	294	ES		1824	09.36	-0.17							1.0

August 26 2022 Hour: 23: 2 2.9 Lat: 33.11N Lon: 75.71E D: 10.0 Ag: NCS Local
Magnitudes: 3.0ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THN	BZ	75	173	EP		2302	15.37	-0.53							1.0
THN	BN	75	173	ES		2302	25.38	-0.05							1.0
THN	BN	75	173	IAML		2302	29.47			184	0.6				
JMU	BZ	90	246	EP		2302	18.07	-0.45							1.0
JMU	BN	90	246	ES		2302	30.19	0.24							1.0
JMU	BN	90	246	IAML		2302	38.15			790	1.0				
DHRM	HZ	111	149	EP		2302	21.88	-0.25							1.0
DHRM	HN	111	149	ES		2302	36.85	0.65							1.0

DHRM	HN	111	149	IAML	2302	41.91			574	0.3					
SRIN	BZ	134	321	EP	2302	26.86	1.01								1.0
ALCI	BE	184	48	ES	2302	54.07	-0.45								1.0
ALCI	BE	184	48	IAML	2302	57.04			415	0.8					
SDNR	BZ	208	147	EP	2302	36.27	0.82								1.0
SDNR	BN	208	147	ES	2302	58.99	-0.25								1.0
SDNR	BN	208	147	IAML	2303	04.57			47	0.2					
BHK	BZ	223	148	EP	*2302	34.19	-2.95								0.0
BHK	BN	223	148	ES	2303	01.18	1.96								1.0
BHK	BE	223	148	IAML	2303	02.60			227	0.4					
KUDL	HN	556	172	ES	2304	11.80	-0.75								1.0

August 27 2022 Hour: 3:36 40.6 Lat: 33.19N Lon: 75.39E D: 9.0 Ag: NCS Local
Magnitudes: 3.2ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THN	BZ	91	155	EP		0336	56.00	-0.50							1.0
THN	BN	91	155	ES		0337	08.39	0.30							1.0
THN	BN	91	155	IAML		0337	10.26			435	0.3				
DHRM	HN	135	140	EP		0337	03.52	-0.32							1.0
DHRM	HN	135	140	ES		0337	21.09	0.31							1.0
DHRM	HN	135	140	IAML		0337	23.42			2099	0.2				
TLWR	BZ	146	159	EP		0337	04.65	-0.82							1.0
TLWR	BZ	146	159	ES		0337	23.87	0.27							1.0
TLWR	BZ	146	159	IAML		0337	27.32			225	0.3				
SDNR	BZ	232	142	EP		0337	16.17	-0.12							1.0
SDNR	BN	232	142	ES		0337	43.36	1.04							1.0
SDNR	BN	232	142	IAML		0337	45.21			186	0.3				
UTK	BZ	397	133	EP		0337	38.20	1.81							1.0
UTK	BN	397	133	ES		0338	15.26	-1.84							1.0
UTK	BN	397	133	IAML		0338	19.55			101	0.1				
KUDL	HE	569	169	ES		0338	53.23	-0.12							1.0

August 27 2022 Hour: 21:44 50.3 Lat: 36.88N Lon: 71.49E D:234.3 Ag: NCS Regional
Magnitudes: 4.2ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BN	548	145	ES		2147	00.98	1.01							1.0
THN	BZ	632	140	EP		2146	14.50	-0.30							1.0
THN	BN	632	140	ES		2147	16.42	-0.08							1.0
THN	BN	632	140	IAML		2147	23.19			228	0.4				
DHRM	HN	678	138	EP		2146	19.99	-0.31							1.0
DHRM	HN	678	138	ES		2147	25.39	-0.62							1.0
DHRM	HN	678	138	IAML		2147	32.43			520	0.5				
SDNR	BZ	775	138	EP		2146	32.28	0.79							1.0
SDNR	BN	775	138	ES		2147	44.24	-1.13							1.0
SDNR	BE	775	138	IAML		2147	49.04			53	0.2				
BHK	BN	789	139	ES		*2147	42.56	-5.47							0.0
KUDL	HZ	1077	153	EP		2147	07.73	0.79							1.0
KUDL	HN	1077	153	ES		2148	45.67	-1.04							1.0
KUDL	HN	1077	153	IAML		2148	52.43			147	0.3				
SONA	BN	1091	150	ES		2148	50.16	0.55							1.0
SONA	BN	1091	150	IAML		2148	51.19			215	0.3				
PTH	BZ	1146	132	EP		2147	14.28	-1.00							1.0
PTH	BE	1146	132	ES		2149	02.46	1.32							1.0
PTH	BN	1146	132	IAML		2149	04.49			99	0.3				

August 27 2022 Hour: 22: 8 33.5 Lat: 26.39N Lon: 90.96E D: 10.3 Ag: NCS Local
Magnitudes: 2.9ML NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DHUB	SZ	105	247	EP		2208	52.03	0.32							1.0
DHUB	SZ	105	247	ES		2209	04.25	-0.73							1.0
DHUB	SZ	105	247	IAML		2209	04.90			99	0.1				
TURA	SZ	122	217	EP		2208	55.01	0.49							1.0
TURA	SN	122	217	ES		2209	09.59	-0.25							1.0
TURA	SN	122	217	IAML		2209	10.47			1131	0.2				

TAWA	SZ	161	34	EP	2208	59.90	-0.32										1.0
TAWA	SN	161	34	ES	2209	19.37	-0.34										1.0
TAWA	SN	161	34	IAML	2209	20.55				273	0.1						
GTK	SZ	255	294	EP	2209	12.86	0.94										1.0
GTK	SN	255	294	ES	2209	39.81	-0.13										1.0
GTK	SN	255	294	IAML	2209	45.01				53	0.2						

August 28 2022 Hour: 13:37 16.5

														Ag:	Distant
STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHL	HZ			EP		1341	50.65								
SHL	HN			ES		1342	02.46								
VISK	HZ			EP		1342	10.02								
SAIH	SZ			EP		1342	49.64								
AZL	SZ			EP		1343	35.24								
AZL	SN			ES		1344	48.88								
CMPI	HZ			EP		1343	02.93								
TPTI	HZ			EP		1341	56.02								
CNWR	HZ			EP		1343	29.37								

August 28 2022 Hour: 22:29 56.1

														Ag:	Distant
STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BOKR	HZ			EP		2240	23.43								
DHRM	HZ			EP		2242	02.96								
DGPR	HZ			EP		2238	05.74								
SHL	HZ			EP		2240	18.71								
VISK	HZ			EP		2239	49.98								
MDRS	HZ			EP		2239	52.14								
PBA	HZ			EP		2237	55.97								
GTK	SZ			EP		2240	42.39								
AZL	SZ			EP		2241	42.91								
IMP	SZ			EP		2240	08.18								
TAWA	SZ			EP		2240	37.40								
TURA	SZ			EP		2240	25.42								
BWNR	BZ			EP		2239	54.78								
BNDA	BZ			EP		2240	56.77								
BISR	BZ			EP		2241	32.40								
COBR	BZ			EP		2240	30.90								
JMIU	BZ			EP		2241	32.40								
ASOR	BZ			EP		2241	32.72								
BHK	BZ			EP		2241	55.96								
AYAN	BZ			EP		2241	32.21								
BKNR	BZ			EP		2241	49.35								
BRCH	BZ			EP		2241	08.54								
CAL	BZ			EP		2240	03.67								
CGRH	BZ			EP		2241	51.32								
JASL	BZ			EP		2241	57.45								
JMU	BZ			EP		2242	11.15								
JOSI	BZ			EP		2241	37.91								
JPG	BZ			EP		2240	35.15								
SALM	BZ			EP		2239	57.04								
MERT	BZ			EP		2241	31.50								
NDI	HZ			EP		2241	31.50								
NRLA	BZ			EP		2241	32.08								
PTH	BZ			EP		2241	27.47								
SHBG	BZ			EP		2240	27.57								
SONA	BZ			EP		2241	26.90								
SRIN	BZ			EP		2242	19.31								
UDPR	BZ			EP		2241	24.59								
UJWA	BZ			EP		2241	31.50								
VAR	BZ			EP		2240	42.55								
KKR	BZ			EP		2241	44.99								
KNKR	BZ			EP		2240	16.49								
KUDL	HZ			EP		2241	33.64								
LKN	BZ			EP		2241	04.71								

NGP	BZ	EP	2240	35.68
RTK	BZ	EP	2241	40.52
SRGN	BZ	EP	2241	58.13
NPL	BZ	EP	2241	33.19
SDNR	BZ	EP	2241	54.21
UNCH	BZ	EP	2241	27.81
TKRD	BZ	EP	2241	28.84
AMRT	HZ	EP	2242	01.55
ATP	HZ	EP	2240	07.35
CHT	HZ	EP	2239	48.00
GWAL	HZ	EP	2241	12.26
HAUL	HZ	EP	2240	30.78
JGDP	HZ	EP	2240	03.26
RAIP	HZ	EP	2240	21.02
TPTI	HZ	EP	2239	49.09
TUTG	HZ	EP	2240	41.72
UDMP	HZ	EP	2242	09.39
FBD	HZ	EP	2241	31.90
INDR	HZ	EP	2241	02.69
CHAT	HZ	EP	2241	30.91
BARM	HZ	EP	2241	39.11
JODH	HZ	EP	2241	39.73
MYSR	HZ	EP	2240	03.87
MYSR	HN	ES	2244	32.34
RAIP	HN	ES	2245	06.12
TPTI	HN	ES	2244	04.46
UDMP	HN	ES	2248	11.81
JODH	HE	ES	2247	21.32
ATP	HN	ES	2244	36.35
CHAT	HN	ES	2247	06.57
CHT	HN	ES	2244	01.63
CNWR	HZ	EP	2240	27.37
CNWR	HN	ES	2245	43.32
GWAL	HE	ES	2246	30.55
BOKR	HE	ES	2245	00.74
DDI	HZ	EP	2241	40.78
DDI	HN	ES	2247	20.83
DHRM	HE	ES	2248	02.95
SHL	HN	ES	2244	55.30
VISK	HN	ES	2244	02.51
AZL	SE	ES	2246	06.17
DHUB	SZ	EP	2240	27.23
DHUB	SZ	ES	2245	37.43
GTK	SN	ES	2245	35.80
IMP	SN	ES	2244	36.61
TAWA	SN	ES	2245	16.66
TURA	SE	ES	2244	58.63
AJM	BZ	EP	2241	34.26
AJM	BN	ES	2247	08.21
ALCI	BZ	EP	2242	13.00
ALCI	BN	ES	2248	16.63
BWNR	BN	ES	2244	14.59
JOSI	BN	ES	2247	11.74
BNDA	BN	ES	2245	57.16
KNKR	BN	ES	2244	52.42
PTH	BN	ES	2246	54.78
SALM	BN	ES	2244	06.27
THN	BZ	EP	2242	03.64
THN	BN	ES	2247	46.94
AGT	SZ	EP	2240	07.07

August 29 2022 Hour: 3:29 55.2 Lat: 0.02N Lon: 98.07E D:358.6 Ag: NCS Distant
Magnitudes: 5.9Mb NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PBA	HZ	1415	336	EP		0332	44.75	0.25							0.0
MDRS	HZ	2441	307	EP		0334	20.38	0.09							1.0
VISK	HZ	2538	321	EP		0334	27.89	-0.37							1.0
TPTI	HZ	2538	307	EP		0334	27.95	-0.32							1.0
SAIH	SZ	2547	348	EP		0334	29.00	-0.11							1.0
CHT	HZ	2552	296	EP		0334	30.64	1.17							1.0
BWNR	BZ	2606	330	EP		0334	32.82	-0.98							1.0
CMPI	HZ	2648	349	EP		0334	37.14	-0.27							1.0
BELO	SZ	2668	345	EP		0334	39.65	0.83							1.0
CAL	BZ	2706	338	EP		0334	42.31	0.46							1.0
MYSR	HZ	2741	301	EP		0334	48.16	3.34							0.6
JGDP	HZ	2741	321	EP		0334	43.75	-1.01							1.0
AGT	SZ	2742	345	EP		0334	45.95	1.17							1.0
AGT	SZ	2742	345	IAmb		0334	55.96		15470	3.0					
ATP	HZ	2768	307	EP		0334	47.04	0.14							1.0
IMP	SZ	2781	351	EP		0334	46.86	-1.13							1.0
IMP	SN	2781	351	IAmb		0335	02.96		7319	2.3					
SILR	SZ	2798	349	EP		0334	50.30	1.02							1.0
KNL	HZ	2807	309	EP		0334	49.26	-0.79							1.0
HYB	HZ	2877	313	EP		0334	57.23	1.56							0.9
SHL	HZ	2905	347	EP		0334	57.23	-0.84							1.0
BLRY	HZ	2928	306	EP		0334	59.55	-0.17							1.0
BOKR	HZ	2942	334	EP		0335	02.35	1.55							0.9
TURA	SZ	2945	344	EP		0335	00.95	-0.13							1.0
RAIP	HZ	2947	324	EP		0334	59.56	-1.61							0.9
DHUB	SZ	3005	344	EP		0335	06.45	0.64							1.0
SHBG	BZ	3008	339	EP		0335	07.29	1.27							0.9
SHBG	BN	3008	339	IAmb		0335	15.36		1049	2.7					
KLBG	HZ	3013	311	EP		0335	05.44	-1.00							1.0
KLBG	HN	3013	311	IAmb		0335	14.11		416	3.2					
LKP	SZ	3032	356	EP		0335	07.48	-0.49							1.0
COBR	BZ	3051	343	EP		0335	09.90	0.46							1.0
SUPA	HZ	3090	304	EP		0335	13.89	1.34							0.9
SUPA	HN	3090	304	IAmb		0335	19.98		163	4.2					
JPG	BZ	3102	342	EP		0335	15.75	2.24							0.8
HAUL	HZ	3110	357	EP		0335	11.32	-2.91							0.7
SLPR	HZ	3114	310	EP		0335	14.41	-0.09							1.0
SLPR	HN	3114	310	IAmb		0335	21.67		278	3.0					
TAWA	SZ	3123	348	EP		0335	16.07	0.88							1.0
NGP	BZ	3123	320	EP		0335	15.77	0.57							1.0
GOA	HZ	3168	304	EP		0335	17.86	-0.84							1.0
GTK	SZ	3187	342	EP		0335	20.20	-0.19							1.0
CNWR	HZ	3202	321	EP		0335	20.51	-0.99							1.0
TUTG	HZ	3225	354	EP		0335	21.61	-1.66							0.9
VAR	BZ	3231	331	EP		0335	25.23	1.53							0.9
KAD	BZ	3242	307	EP		0335	25.24	0.59							1.0
KAD	BN	3242	307	IAmb		0335	31.75		452	2.7					
STMR	BZ	3261	336	EP		0335	27.24	1.19							1.0
BNDA	BZ	3403	327	EP		0335	37.93	0.74							1.0
BHPL	HZ	3405	320	EP		0335	37.15	-0.24							1.0
INDR	HZ	3460	318	EP		0335	40.35	-1.32							0.9
BOM	BZ	3461	309	EP		0335	40.31	-1.39							0.9
LKN	BZ	3486	329	EP		0335	42.77	-0.91							1.0
BRCH	BZ	3521	331	EP		0335	46.46	0.13							1.0
PALG	HZ	3525	310	EP		0335	45.50	-1.16							1.0
GWAL	HZ	3599	325	EP		0335	52.12	-0.27							1.0
FRKB	BZ	3619	328	EP		0335	52.60	-1.35							0.9
BHV	BZ	3702	312	EP		0336	00.49	0.11							1.0
UDPR	BZ	3779	318	EP		0336	07.13	0.78							1.0
PTH	BZ	3783	331	EP		0336	07.63	0.83							1.0

UNCH	BZ	3798	327	EP	0336	07.24-0.51										1.0
PWAL	BZ	3820	326	EP	0336	09.13-0.24										1.0
TKRD	BZ	3821	329	EP	0336	08.63-0.84										1.0
FBD	HZ	3844	327	EP	0336	10.49-0.71										1.0
SONA	BZ	3845	326	EP	0336	10.13-1.15										1.0
SONA	BN	3845	326	IAmb	0336	17.71	1071	1.8								
ASOR	BZ	3846	328	EP	0336	11.71 0.35										1.0
BISR	BZ	3850	327	EP	0336	11.30-0.36										1.0
BISR	BN	3850	327	IAmb	0336	18.32	670	1.8								
AJM	BZ	3855	321	EP	0336	12.39 0.28										1.0
AJM	BN	3855	321	IAmb	0336	19.50	583	1.7								
JMIU	BZ	3858	327	EP	0336	12.19-0.14										1.0
AYAN	BZ	3861	326	EP	0336	12.39-0.15										1.0
AYAN	BN	3861	326	IAmb	0336	19.07	267	2.1								
MERT	BZ	3867	328	EP	0336	11.62-1.35										0.9
KUDL	HZ	3872	325	EP	0336	13.63 0.27										1.0
NPL	BZ	3872	327	EP	0336	12.79-0.56										1.0
NDI	HZ	3873	327	EP	0336	13.23-0.25										1.0
NDI	HN	3873	327	IAmb	0336	19.88	833	2.0								
UJWA	BZ	3882	326	EP	0336	12.93-1.22										1.0
NRLA	BZ	3895	327	EP	0336	14.46-0.67										1.0
NRLA	BN	3895	327	IAmb	0336	32.08	2036	2.0								
JHJR	BZ	3900	326	EP	0336	15.29-0.19										1.0
JHJR	BN	3900	326	IAmb	0336	22.69	2578	1.9								
JOSI	BZ	3907	332	EP	0336	16.48 0.16										1.0
GNR	BZ	3924	327	EP	0336	17.85 0.53										1.0
RTK	BZ	3952	326	EP	0336	19.10-0.36										1.0
RTK	BN	3952	326	IAmb	0336	22.89	1100	2.4								
JODH	HZ	3955	319	EP	0336	20.42 0.78										1.0
DDI	HZ	3968	329	EP	0336	20.83 0.11										1.0
UTK	BZ	3983	330	EP	0336	21.60-0.34										1.0
UTK	BN	3983	330	IAmb	0336	29.18	1655	1.8								
KKR	BZ	4008	328	EP	0336	23.09-0.55										1.0
CGRH	BZ	4078	328	EP	0336	30.90 1.95										0.9
BKNR	BZ	4089	322	EP	0336	29.19-0.57										1.0
BHK	BZ	4128	329	EP	0336	33.62 0.97										1.0
SDNR	BZ	4141	329	EP	0336	34.55 0.77										1.0
HNLY	BZ	4144	333	EP	0336	35.59 1.08										1.0
HNLY	BZ	4144	333	IAmb	0336	42.62	3874	1.8								
JASL	BZ	4163	318	EP	0336	36.16 0.91										1.0
SRGN	BZ	4187	324	EP	0336	36.56-0.53										1.0
SRGN	BN	4187	324	IAmb	0336	44.12	1690	3.4								
TLWR	BZ	4234	329	EP	0336	41.05 0.49										1.0
THN	BZ	4285	329	EP	0336	45.53 1.15										1.0
UDMP	HZ	4365	329	EP	0336	49.82-0.52										1.0
ALCI	BZ	4369	332	EP	0336	52.61 1.64										0.9
JMU	BZ	4371	328	EP	0336	50.75 0.06										1.0
SRIN	BZ	4483	330	EP	0336	58.50-0.61										1.0

August 29 2022 Hour: 4:10 4.2

Ag: Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TURA	SZ			ES		0412	14.35								
TAWA	SZ			EP		0411	49.69								
DHUB	SZ			ES		0412	07.92								
DGPR	HN			ES		0412	32.56								
LKP	SZ			EP		0412	07.96								
AZL	SZ			EP		0412	14.09								
GUWA	SZ			EP		0412	07.00								

August 29 2022 Hour: 12:439.1 Lat: 35.24N Lon: 81.39E D:128.0 Ag: NCS Regional
Magnitudes: 4.0ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HNLY	BN	353	220	EP		1205	29.06	0.77							1.0
HNLY	BE	353	220	ES		1206	04.10	-0.10							1.0
HNLY	BN	353	220	IAML		1206	15.38			976	0.8				
DHRM	HZ	577	236	EP		1205	55.12	0.64							1.0
SDNR	BZ	586	227	EP		1205	54.83	-0.68							1.0
SDNR	BN	586	227	ES		1206	50.46	-0.83							1.0
SDNR	BN	586	227	IAML		1206	58.58			159	0.3				
THN	BZ	603	241	EP		1205	57.49	-0.02							1.0
PTH	BZ	637	190	EP		1206	01.14	-0.55							1.0
KUDL	HZ	914	212	EP		1206	34.71	-0.10							1.0
KUDL	HE	914	212	ES		1208	00.16	0.87							1.0
KUDL	HE	914	212	IAML		1208	08.93			97	0.7				

August 29 2022 Hour: 18:10 16.6 Ag: Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DHRM	HZ			EP		1829	32.25								
CMPI	HZ			EP		1828	38.37								
INDR	HZ			EP		1829	23.94								
SDNR	BZ			EP		1829	30.37								
THN	BZ			EP		1829	33.47								
PTH	BZ			EP		1829	21.75								
AJM	BZ			EP		1829	29.86								

August 30 2022 Hour: 0:46 35.3 Ag: Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DHRM	HZ			EP		0053	21.93								
HING	HZ			EP		0051	49.36								
INDR	HZ			EP		0052	04.48								
KNL	HZ			EP		0051	27.21								
CNWR	HZ			EP		0052	20.68								
TPTI	HZ			EP		0051	35.21								
ATP	HZ			EP		0051	20.44								
SHBG	BZ			EP		0051	07.36								
UDPR	BZ			EP		0052	00.03								
KAD	BZ			EP		0051	08.74								

August 30 2022 Hour: 8:36 7.1 Lat: 2.29N Lon: 66.51E D: 10.0F Ag: NCS Distant
Magnitudes: 5.4Mb NCS Rms: 1.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SALM	BZ	1650	51	EP		0839	37.61	-0.37							1.0
SALM	BN	1650	51	IAMB		0839	40.66			18	1.2				
GOA	HZ	1666	28	EP		0839	39.53	-0.30							1.0
KAD	BZ	1861	26	EP		0840	04.39	1.70							1.0
KAD	BN	1861	26	IAMB		0840	16.67			586	3.8				
MDRS	HZ	1915	51	EP		0840	07.44	-1.32							1.0
BOM	BZ	1961	20	EP		0840	15.48	1.56							1.0
BOM	BN	1961	20	IAMB		0840	23.92			594	2.5				
HYB	HZ	2129	37	EP		0840	31.52	-0.41							1.0
HYB	HN	2129	37	IAMB		0840	53.51			516	3.6				
BHV	BZ	2238	15	EP		0840	42.42	-0.16							1.0
BHUJ	HZ	2344	8	EP		0840	50.44	-2.50							1.0
NGP	BZ	2492	32	EP		0841	08.88	1.61							1.0
VISK	HZ	2508	46	EP		0841	08.94	0.21							1.0
NRDN	BZ	2536	26	EP		0841	08.18	-3.30							1.0
UDPR	BZ	2585	17	EP		0841	17.76	1.63							1.0
UDPR	BN	2585	17	IAMB		0841	25.39			735	2.8				
BHPL	HZ	2600	26	EP		0841	17.39	-0.14							1.0
BHPL	HZ	2600	26	IAMB		0841	36.21			197	3.3				
GUNA	BZ	2734	24	EP		0841	29.44	0.59							1.0
JASL	BZ	2766	9	EP		0841	29.28	-2.17							1.0

AJM	BZ	2808	17	EP	0841	36.22	1.27									1.0
AJM	BN	2808	17	IAmb	0841	45.10			453	5.6						
UNCH	BZ	3124	22	EP	0842	01.18	0.68									1.0
RTK	BZ	3141	19	EP	0842	03.71	1.88									1.0
SRGN	BZ	3156	14	EP	0842	01.95	-1.13									1.0
SMLA	HZ	3384	18	EP	0842	21.29	-0.20									1.0
SDNR	BZ	3416	18	EP	0842	23.88	-0.01									1.0
SDNR	BN	3416	18	IAmb	0842	27.63			39	1.5						
DHRM	HZ	3472	16	EP	0842	28.72	0.27									1.0
JMU	BZ	3486	14	EP	0842	28.96	-0.38									1.0
HNLY	BZ	3618	20	EP	0842	40.83	0.47									1.0
HNLY	BN	3618	20	IAmb	0842	45.95			190	3.1						
SHL	HZ	3743	44	EP	0842	50.19	0.50									1.0

August 30 2022 Hour: 8:45 27.6 Lat: 36.24N Lon: 71.48E D:284.5 Ag: NCS Regional
Magnitudes: 4.2ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	492	140	EP		0846	39.30	0.39							1.0
JMU	BN	492	140	ES		0847	31.06	0.13							1.0
JMU	BN	492	140	IAML		0847	33.87			380	0.3				
UDMP	HZ	498	137	EP		0846	38.90	-0.71							1.0
UDMP	HN	498	137	ES		0847	31.66	-0.49							1.0
UDMP	HN	498	137	IAML		0847	33.74			6049	0.2				
THN	BZ	580	135	EP		0846	48.02	-0.43							1.0
THN	BN	580	135	ES		0847	48.04	0.60							1.0
THN	BN	580	135	IAML		0847	49.94			194	0.3				
DHRM	HZ	628	133	EP		0846	54.31	0.37							1.0
DHRM	HN	628	133	ES		0847	57.48	0.54							1.0
DHRM	HN	628	133	IAML		0848	00.76			510	0.6				
SDNR	BZ	724	135	EP		0847	05.44	0.74							1.0
SDNR	BN	724	135	ES		0848	15.93	0.37							1.0
SMLA	HZ	774	135	EP		0847	11.10	0.54							1.0
SMLA	HN	774	135	ES		0848	26.86	1.17							1.0
SMLA	HN	774	135	IAML		0848	30.75			90	0.2				
HNLY	BZ	788	117	EP		0847	11.67	-0.73							1.0
HNLY	BE	788	117	ES		0848	26.73	-2.15							1.0
HNLY	BN	788	117	IAML		0848	34.18			9	0.7				
JOSI	BE	980	128	ES		0849	07.40	0.43							1.0
KUDL	HZ	1014	151	EP		0847	38.49	0.32							1.0
KUDL	HN	1014	151	ES		0849	13.53	0.07							1.0
KUDL	HN	1014	151	IAML		0849	18.56			135	0.3				
JODH	HZ	1117	172	EP		0847	50.52	0.34							1.0
JODH	HN	1117	172	ES		0849	32.73	-1.50							1.0
JODH	HN	1117	172	IAML		0849	39.41			287	0.2				

August 30 2022 Hour: 9:10 25.3 Lat: 62.61S Lon: 176.36W D: 3.4 Ag: NCS Distant
Magnitudes: 5.7MW NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SAIH	SZ12213	280	EP			0928	58.63	0.50							1.0
SAIH	SN12213	280	IAmb			0929	19.89			195	3.1				
IMP	SZ12389	282	EP			0929	00.95	-0.11							1.0
IMP	SN12389	282	IAmb			0929	04.94			88	1.7				
AGT	SZ12435	279	EP			0929	02.81	1.08							1.0
KOHI	SZ12466	283	EP			0929	02.41	-0.08							1.0
KOHI	SN12466	283	IAmb			0929	13.81			137	1.2				
SHL	HZ12565	281	EP			0929	02.84	-1.39							0.9
ZIRO	SZ12652	284	EP			0929	06.04	0.56							1.0
TAWA	SZ12758	282	EP			0929	07.81	0.48							1.0
GTK	SZ12896	279	EP			0929	08.93	-0.97							1.0
AJM	BZ13527	266	EP			0929	20.97	0.36							1.0
UNCH	BZ13536	270	EP			0929	20.48	-0.25							1.0
SONA	BZ13574	270	EP			0929	20.51	-0.87							1.0
ASOR	BZ13585	271	EP			0929	20.99	-0.58							1.0
BISR	BZ13585	270	EP			0929	20.97	-0.60							1.0

JMIU	BZ13593	270	EP	0929	22.41	0.71											1.0
AYAN	BZ13593	270	EP	0929	22.19	0.48											1.0
KUDL	HZ13594	269	EP	0929	21.40	-0.32											1.0
KUDL	HN13594	269	IAmb	0929	29.37				127	2.8							
LDR	HZ13598	270	EP	0929	21.77	-0.01											1.0
NPL	BZ13605	270	EP	0929	21.13	-0.79											1.0
NPL	BE13605	270	IAmb	0929	33.97				40	0.2							
MERT	BZ13608	271	EP	0929	21.73	-0.23											1.0
NDI	HZ13608	270	EP	0929	23.36	1.40											0.9
JHJR	BZ13628	270	EP	0929	23.36	1.05											1.0
JHJR	BN13628	270	IAmb	0929	30.89				536	1.7							
GNR	BZ13660	270	EP	0929	21.45	-1.40											0.9
JOSI	BZ13663	273	EP	0929	21.99	-1.21											1.0
JOSI	BZ13663	273	IAmb	0929	32.58				919	1.8							
RTK	BZ13681	270	EP	0929	23.94	0.72											1.0
DDI	HZ13718	272	EP	0929	25.88	1.95											0.9
UTK	BZ13736	272	EP	0929	23.51	-0.81											1.0
KKR	BZ13747	270	EP	0929	24.64	0.28											1.0
JASL	BZ13764	263	EP	0929	24.23	-0.42											1.0
BKNR	BZ13764	266	EP	0929	24.38	-0.26											1.0
CGRH	BZ13822	271	EP	0929	26.08	0.43											1.0
SMLA	HZ13839	272	EP	0929	26.62	0.36											1.0
SDNR	BZ13890	272	EP	0929	26.22	-0.69											1.0
HNLY	BZ13899	274	EP	0929	27.59	-0.08											1.0
DHRM	HZ13987	272	EP	0929	28.58	-0.19											1.0
THN	BZ14031	271	EP	0929	29.64	0.36											1.0
JMU	BZ14112	271	EP	0929	31.00	0.37											1.0
SRIN	BZ14231	271	EP	0929	33.22	0.36											1.0

August 30 2022 Hour: 10:27 32.8 Lat: 27.16N Lon: 92.23E D: 20.0F Ag: NCS Local
Magnitudes: 3.1ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TAWA	SZ	60	323	EP		1027	44.08	0.87							1.0
TAWA	SN	60	323	ES		1027	50.67	-0.10							1.0
TAWA	SN	60	323	IAML		1027	53.41			1013	0.2				
ZIRO	SZ	165	75	EP		1027	59.85	-1.41							1.0
ZIRO	SN	165	75	ES		1028	21.94	-0.07							1.0
ZIRO	SN	165	75	IAML		1028	26.99			443	0.3				
SHL	HZ	181	192	EP		1028	03.15	-0.23							1.0
SHL	HN	181	192	ES		1028	24.75	-0.93							1.0
MOKO	SN	246	112	IAML		1028	46.37			82	0.4				
KOHI	SZ	246	130	EP		1028	11.16	-0.18							1.0
KOHI	SN	246	130	ES		1028	40.53	1.09							1.0
KOHI	SN	246	130	IAML		1028	42.88			39	0.2				
MOKO	SN	246	112	ES		1028	40.16	0.82							1.0
DHUB	SZ	256	241	ES		1028	41.34	0.05							1.0
DHUB	SZ	256	241	IAML		1028	46.15			1030	0.3				
TURA	SZ	271	228	EP		1028	13.51	-0.74							1.0
TURA	SN	271	228	ES		1028	45.28	0.81							1.0
TURA	SN	271	228	IAML		1028	49.27			106	0.2				

August 30 2022 Hour: 13:58 24.0 Lat: 4.46N Lon: 63.45E D: 10.0F Ag: NCS Regional
Magnitudes: 5.1Mb NCS Rms: 1.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GOA	HZ	1667	42	EP		1401	55.22	-1.61							1.0
GOA	HN	1667	42	IAmb		1402	13.47			245	2.5				
KAD	BZ	1841	39	EP		1402	19.83	2.48							1.0
BOM	BZ	1894	32	EP		1402	21.30	-1.95							1.0
BOM	BN	1894	32	IAmb		1402	35.33			778	3.9				
MDRS	HZ	2067	62	EP		1402	41.69	-0.94							1.0
BHV	BZ	2131	25	EP		1402	50.78	1.81							1.0
BHV	BZ	2131	25	IAmb		1403	01.45			1556	3.7				
KNKR	BZ	2366	55	EP		1403	13.96	2.00							1.0
UDPR	BZ	2483	25	EP		1403	22.33	-0.98							1.0

UDPR	BN	2483	25	IAmb	1403	41.77			217	2.3							
NGP	BZ	2503	41	EP	1403	25.58	0.45										1.0
NGP	BN	2503	41	IAmb	1403	31.84			241	2.9							
BHPL	HZ	2565	35	EP	1403	30.04	-1.01										1.0
BHPL	HZ	2565	35	IAmb	1403	44.67			73	1.6							
JASL	BZ	2609	17	EP	1403	37.39	2.13										1.0
JASL	BN	2609	17	IAmb	1403	46.64			95	1.9							
KUDL	HZ	2963	26	EP	1404	03.98	-0.37										1.0
SDNR	BZ	3311	24	EP	1404	33.07	0.65										1.0
SDNR	BZ	3311	24	IAmb	1404	54.43			71	1.4							
DHRM	HZ	3357	22	EP	1404	33.51	-2.66										1.0

August 30 2022 Hour: 20: 2 22.8 Lat: 14.77N Lon: 96.73E D: 10.0F Ag: NCS Regional
Magnitudes: 3.6ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DGPR	HZ	446	247	EP		2003	25.55	0.01							1.0
SAIH	SZ	941	336	EP		2004	26.89	0.81							1.0
SAIH	SN	941	336	ES		2005	56.12	0.02							1.0
SAIH	SN	941	336	IAML		2006	02.09			36	1.0				
IMP	SZ	1151	346	EP		2004	51.69	0.06							1.0
KOHI	SZ	1243	348	EP		2005	03.12	0.17							1.0
SHL	HZ	1299	338	EP		2005	08.77	-1.07							1.0

August 30 2022 Hour: 23:36 42.4 Ag: Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DHRM	HZ			EP		2343	35.63								
KNKR	BZ			EP		2342	36.97								
RTK	BZ			EP		2343	08.45								
SDNR	BZ			EP		2343	30.44								
UDPR	BZ			EP		2342	21.66								
SRGN	BZ			EP		2342	59.46								
SONA	BZ			EP		2343	05.39								
SRIN	BZ			EP		2343	44.81								
NGP	BZ			EP		2342	23.26								
NPL	BZ			EP		2343	07.41								
KUDL	HZ			EP		2343	01.20								
TAWA	SZ			EP		2344	23.80								
SHL	HZ			EP		2344	14.10								
IMP	SZ			EP		2344	00.63								
DHUB	SZ			EP		2344	04.70								
GTK	SZ			EP		2344	01.90								
BHV	BZ			EP		2341	37.89								
AJM	BZ			EP		2342	42.04								
BOM	BZ			EP		2341	24.02								
JASL	BZ			EP		2342	33.95								
ALCI	BZ			EP		2344	01.77								
AGT	SZ			EP		2343	55.21								

August 31 2022 Hour: 0:36 32.4 Lat: 35.16N Lon: 69.78E D: 19.9 Ag: NCS Regional
Magnitudes: 3.7ML NCS Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THN	BZ	634	117	EP		0037	55.41	-0.36							1.0
THN	BN	634	117	ES		0038	57.04	0.43							1.0
THN	BN	634	117	IAML		0039	00.03			38	0.3				
DHRM	HZ	686	116	EP		0038	02.45	0.35							1.0
DHRM	HN	686	116	ES		0039	07.16	-0.41							1.0
DHRM	HN	686	116	IAML		0039	10.41			93	0.3				
SDNR	BZ	775	119	EP		0038	13.01	-0.02							1.0
SDNR	BN	775	119	ES		0039	26.51	0.04							1.0
SDNR	BN	775	119	IAML		0039	28.58			25	0.3				
SMLA	HZ	822	121	EP		0038	18.68	0.04							1.0
SMLA	HN	822	121	ES		0039	36.12	-0.06							1.0
SMLA	HN	822	121	IAML		0039	39.26			323	0.2				

August 31 2022 Hour: 3:11 16.9

Ag: Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KUDL	HZ			EP		0314	48.20								
LGTI	BZ			EP		0314	15.13								
DHRM	HE			ES		0315	43.42								
HNLY	BZ			EP		0313	46.08								
SMLA	HZ			EP		0314	04.53								
UDMP	HE			ES		0315	26.62								
THN	BZ			EP		0314	00.44								
CHAT	HZ			EP		0314	04.15								
DHRM	HZ			EP		0313	59.87								

August 31 2022 Hour: 4:50 2.5

Lat: 38.78N Lon: 70.67E D:182.8

Ag: NCS Regional

Magnitudes: 3.8ML NCS

Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HN	765	147	ES		0452	52.27	-0.93							1.0
UDMP	HN	765	147	IAML		0452	52.69			389	0.2				
TSSA	BZ	829	142	EP		0451	48.16	-0.69							1.0
TSSA	BN	829	142	ES		0453	06.48	-0.00							1.0
TSSA	BN	829	142	IAML		0453	08.69			70	0.3				
THN	BZ	843	145	EP		0451	50.73	0.32							1.0
THN	BN	843	145	ES		0453	10.66	1.47							1.0
THN	BN	843	145	IAML		0453	18.11			41	0.5				
DHRM	HZ	887	143	EP		0451	56.16	0.38							1.0
DHRM	HN	887	143	ES		0453	18.63	0.16							1.0
DHRM	HN	887	143	IAML		0453	22.54			50	0.5				
SDNR	BN	984	143	ES		0453	38.19	-0.19							1.0
SDNR	BN	984	143	IAML		0453	41.20			10	0.4				
SMLA	HN	1035	143	ES		0453	48.71	-0.48							1.0
SMLA	HE	1035	143	IAML		0453	52.14			36	0.4				
KUDL	HE	1297	154	ES		0454	43.12	-0.02							1.0
KUDL	HN	1297	154	IAML		0454	47.93			36	0.3				

August 31 2022 Hour: 9:13 9.7

Lat: 33.68N Lon: 82.13E D:140.0F

Ag: NCS Local

Magnitudes: 4.2ML NCS

Rms: 1.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HNLY	BZ	311	252	EP		0913	56.44	-0.02							1.0
HNLY	BN	311	252	ES		0914	32.28	1.67							1.0
HNLY	BN	311	252	IAML		0914	35.12			3421	0.3				
JOSI	BZ	423	216	EP		0914	10.46	0.59							1.0
JOSI	BN	423	216	ES		0914	54.43	0.63							1.0
PTH	BZ	489	202	EP		0914	19.10	1.18							1.0
PTH	BE	489	202	ES		0915	09.55	1.81							1.0
PTH	BE	489	202	IAML		0915	12.11			219	0.7				
DDI	HE	535	227	ES		0915	18.23	1.00							1.0
DDI	HE	535	227	IAML		0915	19.85			506	0.6				
SDNR	BZ	545	245	EP		0914	23.24	-1.42							1.0
SDNR	BN	545	245	ES		0915	20.36	0.97							1.0
SDNR	BN	545	245	IAML		0915	23.08			290	0.5				
SMLA	HZ	546	240	EP		0914	25.28	0.38							1.0
SMLA	HN	546	240	ES		0915	19.48	-0.33							1.0
SMLA	HN	546	240	IAML		0915	22.39			420	0.5				
BHK	BZ	550	244	EP		*0914	28.89	3.78							0.0
BHK	BN	550	244	ES		*0915	30.79	6.83							0.0
DHRM	HZ	567	255	EP		0914	25.19	-2.27							1.0
DHRM	HE	567	255	ES		0915	25.66	1.42							1.0
DHRM	HE	567	255	IAML		0915	26.13			132	0.4				
THN	BZ	607	259	EP		0914	31.99	-0.10							1.0
THN	BZ	607	259	ES		0915	33.91	1.65							1.0
THN	BN	607	259	IAML		0915	37.81			663	0.4				
NDI	HE	726	222	ES		0915	57.53	0.19							1.0
NDI	HE	726	222	IAML		0916	01.99			1384	0.5				
SONA	BE	773	220	ES		0916	05.75	-1.54							1.0

KUDL	HZ	817	223	EP	0914	57.65-0.13										1.0
KUDL	HN	817	223	ES	0916	16.03-0.66										1.0
AJM	BZ	1081	224	EP	0915	28.44-1.57										1.0
AJM	BN	1081	224	ES	0917	12.44-0.02										1.0
AJM	BN	1081	224	IAML	0917	17.67			64	0.4						
BHPL	HZ	1245	203	EP	0915	47.76-2.24										1.0
BHPL	HN	1245	203	ES	0917	45.22-1.82										1.0
BHPL	HN	1245	203	IAML	0917	49.77			398	0.5						
UDPR	BN	1298	221	EP	0915	55.89-0.63										1.0
UDPR	BN	1298	221	ES	0917	57.54-0.78										1.0
UDPR	BN	1298	221	IAML	0918	03.16			40	0.5						
SHL	HZ	1301	131	EP	0915	56.97-0.01										1.0
SHL	HN	1301	131	ES	0918	01.17 2.06										1.0

August 31 2022 Hour: 12:36 44.5 Lat: 29.14N Lon: 66.11E D: 23.6 Ag: NCS Local
Magnitudes: 4.3ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JASL	BZ	532	116	EP		1237	54.94-0.01								1.0
JASL	BN	532	116	ES		1238	46.45 0.06								1.0
JASL	BN	532	116	IAML		1238	50.92			499	0.4				
BHUJ	HZ	742	151	EP		1238	21.50 0.87								1.0
BHUJ	HN	742	151	ES		1239	30.26-0.57								1.0
AJM	BZ	892	108	EP		1238	39.31 0.36								1.0
AJM	BN	892	108	ES		1240	02.98 0.46								1.0
UDPR	BZ	909	122	EP		1238	40.87-0.16								1.0
UDPR	BN	909	122	ES		1240	06.17 0.06								1.0
UDPR	BN	909	122	IAML		1240	11.62			473	0.5				
JMU	BZ	925	62	EP		1238	44.52 1.49								1.0
JMU	BN	925	62	ES		1240	10.38 0.81								1.0
JMU	BE	925	62	IAML		1240	12.84			86	0.3				
THN	BZ	997	66	EP		1238	51.40-0.39								1.0
THN	BN	997	66	ES		1240	25.82 1.08								1.0
THN	BN	997	66	IAML		1240	38.60			95	0.4				
KUDL	HZ	1021	94	EP		1238	53.69-0.93								1.0
KUDL	HN	1021	94	ES		1240	30.03 0.40								1.0
DHRM	HZ	1035	68	EP		1238	57.56 0.91								1.0
DHRM	HN	1035	68	ES		1240	30.95-2.19								1.0
DHRM	HN	1035	68	IAML		1240	48.49			175	0.5				
SDNR	BZ	1071	73	EP		1239	00.90 0.04								1.0
SDNR	BN	1071	73	ES		1240	38.08-2.35								1.0
SDNR	BN	1071	73	IAML		1240	47.46			33	0.4				
NDI	HZ	1083	90	EP		1239	01.39-0.91								1.0
NDI	HN	1083	90	ES		1240	44.42 1.51								1.0
SMLA	HZ	1088	76	EP		1239	03.16 0.11								1.0
SMLA	HN	1088	76	ES		1240	44.45 0.24								1.0
SMLA	HN	1088	76	IAML		1240	54.76			105	0.5				
BHPL	HZ	1305	117	EP		1239	28.62-0.81								1.0
PTH	BZ	1369	85	EP		1239	36.73-0.57								1.0
PTH	BN	1369	85	ES		1241	43.96 0.49								1.0
PTH	BN	1369	85	IAML		1241	51.60			211	0.3				