INSTITUTO GEOGRAFICO NACIONAL

SECCION DE
SISMOLOGIA E INGENIERIA SISMICA

BOLETIN
DE SISMOS PROXIMOS

(Zona de 35° N a 44° N y de 10° W a 5° E Gr)

AÑO 1980

INSTITUTO GEOGRAFICO NACIONAL DE ESPAÑA

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INSTITUTO GEOGRAFICO NACIONAL

SECCION DE SISMOLOGIA E ING. SISMICA

APT. 3007 .MADRID-3 ESPAÑA

TELEFONO 2333800

TELEX 23465 IGC E

EXPLICACION DE LAS ABREVIATURAS

(A) DATOS HIPOCENTRALES

NUM	NUMERO DE ORDEN DEL TERREMOTO .
FECHA	AÑO , MES Y DIA .
HORA	HORA ORIGEN (GMT) .
LONGITUD	LONGITUD DEL EPICENTRO EN GRADOS , MINUTOS Y DECIMAS .
LATITUD	LATITUD '' '' '' '' '' '' ''.
PROF	PROFUNDIDAD DEL FOCO (KM).
RMS	ERROR CUADRATICO MEDIO DE LA SOLUCIÓN .
ERH	ERROR ESTANDARD DEL EPICENTRO (KM) .
ERZ	'' '' DE LA PROFUNDIDAD (KM) .
MAG	MAGNITUD 'MB' CALCULADA CON LA FASE LG .
NE	NUMERO DE ESTACIONES .
AGEN	AGENCIA QUE DA LOS DATOS .
IO	INTENSIDAD MAXIMA EN EL EPICENTRO
LOCALI - ZACION	SI EL EPICENTRO ESTA EN EL MAR SE DA SU LOCALIZACION APROXIMADA RESPECTO DE ALGUN PUNTO DE LA COSTA MAS EL NOMBRE DEL MAR.SI ESTA EN EL INTERIOR SE DA LA LOCALIDAD MAS LAS INICIALES DE LA PROVINCIA,SI ES ESPAÑA,O DEL PAIS EN CASO CONTRARIO.

SE EMPLEAN LOS SIGUIENTES SIMBOLOS :

*	HAY DISPONIBLE DATOS DE ESE TERREMOTO DADOS POR OTRAS AGEN - CIAS .
+	HAY INFORMACION MACROSISMICA DISPONIBLE PARA ESE SISMO .
P	PRENONITORIO .
R	REPLICA .
S	EPICENTRO SUBMARINO.SENTIDO EN TIERRA
T	TSUNAMI

(B) AGENCIAS

SSIS	SECCION DE SISMOLOGIA E INGENIERIA SISMICA DEL IGN (MADRID)
NEIS	NATIONAL EARTHQUAKE INFORMATION SERVICE (BOULDER)
CSEM	CENTRO SISMOLOGICO EUROPEO-MEDITERRANEO (ESTRASBURGO)
LDG	LABORATORIO DE DETECCION Y DE GEOFISICA (PARIS)
SPGM	SERVICIO DE FISICA DEL GLOBO DE MARRUECOS (RABAT)
IMGP	INSTITUTO DE METEOROLOGIA Y GEOFISICA DE PORTUGAL (LISBOA)
PIST	INFORMACION FACILITADA POR P. STHAL PAU

(C) MODELO

VEL(KM/S)	PROF(KM)	ESPESOR(KM)
6.1	0.0	11.
6.4	11.	13.
6.9	24.	7.
8.	31.	

NOTA.- A PARTIR DEL MES DE MARZO NO SE HA INCLUIDO LOS DATOS DE LA AGENCIA LDG POR NO DISPONER DE ELLOS.DE ESTA AGENCIA SOLO SE HAN CONSIDERADO LOS SISMOS CON MAGNITUD MAYOR O IGUAL A 3

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
ENE	02	EPF		13	17	41.4								
		TOL	E	13	17	19.0					0.06	0.7		
		CRT	E	13	17	13.3								
		GUD	I	13	17	27.6	I	13	18	9.0				
		SSIS	02-ENE-1980 H/M/S= 13-16-29.5											
			LAT N=38-16.4 LONG W= 0-25.2 PROF= 5.0 KM MAG= 3.1											
			RMS= 0.65 ERH= 22.8 KM ERZ= 38.0 KM NES= 5 IO=											
		ALICANTE												
ENE	02	GUD	E	17	02	22.0								
		ALC	E	17	01	15.3	E	17	1	45.7				
		SPGM	02-ENE-1980 H/M/S= 17-00-15.5											
			LAT N=37-00.0 LONG W= 7-48.0 PROF= KM MAG=											
			RMS= ERH= KM ERZ= KM NES= IO=											
		FARO.PORT												

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
ENE	03	EPF		09	52	06.0								
		CAF		09	52	32.0								
		LPO		09	52	23.5								
		AVE	I	09	50	39.0	I	9	51	33.5				
		IFR	I	09	50	55.5								
		TIO	I	09	51	02.7								
		YBT	I	09	51	03.0								
		BME	I	09	51	06.5	I	9	52	24.0				
		HAD	I	09	51	15.5	I	9	52	39.0				
		TOL	I	09	51	06.5	I	9	52	23.5	0.18	0.9		250
		LGR	E	09	51	37.2								
		LIS	I	09	50	11.0	I	9	50	47.0				
		FAR	E	09	50	16.2								
		COI	I	09	50	27.2	I	9	51	21.1				
		MTE	I	09	50	38.8	I	9	51	35.2				
		PTO	I	09	50	39.5								
		CRT	E	09	51	05.7								
		ALC	I	09	51	03.9	E	9	52	21.7				
		MAL	I	09	50	56.0								
		GUD	I	09	51	09.5	I	9	52	30.5				280

SSIS 03-ENE-1980 H/M/S= 9-49-19.5
LAT N=36-38.3 LONG W= 12-16.7 PROF= 5.0 KM MAG= 4.0
RMS= 1.86 ERH= 11.7 KM ERZ= 12.4 KM NES= 26 IO=

SPGM 03-ENE-1980 H/M/S= 09-49-26.5
LAT N=36-12.0 LONG W= 11-54.0 PROF= KM MAG=
RMS= ERH= KM ERZ= KM NES= IO=

ATLANTICO

ENE 03

SPGM 03-ENE-1980 H/M/S= 22-06-47.0
LAT N=35-48.0 LONG W= 14-30.0 PROF= KM MAG=
RMS= ERH= KM ERZ= KM NES= IO=

ATLANTICO

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
ENE	04	CRT	E	17	05	06.9								
		ALC	I	17	05	02.0								
		ALM	I C	17	05	13.9	I	17	5	28.4	0.4	0.5		
		SSIS	04-ENE-1980 H/M/S= 17- 4-46.8											
			LAT N=38- 8.6 LONG W= 3-02.2 PROF= 5.0 KM MAG= 2.9											
			RMS= 2.00 ERH= 0.3 KM ERZ= 0.3 KM NES= 4 IO=											
		VILLANUEVA.J												
ENE	06	LDG	06-ENE-1980 H/M/S= 01-49-36.6											
			LAT N=42-30.0 LONG E= 2-24.0 PROF= KM MAG= 3.0											
			RMS= ERH= KM ERZ= KM NES= IO=											
		OLETTE.FR												
ENE	09	SPGM	09-ENE-1980 H/M/S= 12-36-21.0											
			LAT N=36-30.0 LONG W= 9-30.0 PROF= KM MAG=											
			RMS= ERH= KM ERZ= KM NES= IO=											
		SW CABO SAN VICENTE												

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
ENE 09	AVE	E	14 55 39.5	I	14 56 15.0				
	IFR	I	14 55 50.						
	ALC	E	14 55 54.4	E	14 56 43.0				
	TIO	I	14 56 09.	I	14 57 11.0				
	HAD	E	14 56 11.	I	14 57 15.5				
	TOL	E	14 56 27.	I	14 57 10.0				
	GUD	E	14 56 18.	E	14 57 20.0				
	SSIS	09-ENE-1980	H/M/S= 14-56- 1.9						
		LAT N=35-53.0	LONG W= 8-22.4	PROF= 5.0 KM	MAG= 3.2				
		RMS= 4.15	ERH= 39.1 KM	ERZ= 38.5 KM	NES= 14	IO=			
	SPGM	09-ENE-1980	H/M/S= 14-54-49.0						
		LAT N=36-06.0	LONG W= 8-42.0	PROF= KM	MAG=				
		RMS=	ERH= KM	ERZ= KM	NES=	IO=			
	ATLANTICO								
ENE 11	SPGM	11-ENE-1980	H/M/S= 16-36-48.0						
		LAT N=36-18.0	LONG W= 9-06.0	PROF= KM	MAG=				
		RMS=	ERH= KM	ERZ= KM	NES=	IO=			
	S CABO SAN VICENTE								
ENE 12	IFR	I	04 25 11.5						
	CRT	I	04 24 13.3	E	4 24 20.1				
	ALC	I	04 24 11.0						
	MAL	I	04 24 27.7		4 24 44.7	0.65	0.4		80
	ALM	I D	04 24 25.5		4 24 40.8	0.77	0.8		
	GUD	I	04 24 58.8		4 25 37.6				
	SSIS	12-ENE-1980	H/M/S= 4-24- 8.0						
		LAT N=37-25.3	LONG W= 3-25.1	PROF= 5.0 KM	MAG= 3.3				
		RMS= 0.38	ERH= 5.0 KM	ERZ= 7.2 KM	NES= 6	IO= II			
	IZNALLOZ.GR								

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
ENE	16	EPF		21	41	47.0								
		CAF		21	42	14.6		21	44	1.8				
		LPO		21	42	10.0								
		HAD	E	21	41	00.0								
		TIO	E	21	41	37.0								
		LGR	E	21	41	39.4	E	21	42	55.0				
		MTE	E	21	41	35.3	E	21	42	52.5				
		COI	E	21	41	41.0	E	21	43	2.0				
		CRT	I	21	40	36.6	I	21	41	7.6				
		ALC	F	21	40	35.2								263
		ALR	I	21	40	20.3	I	21	40	42.5				
		ALI	E	21	40	42.0	E	21	41	17.5	0.53	0.5		
		ALM	I D	21	40	21.9								
		GUD	I	21	41	18.0								210

SSIS 16-ENE-1980 H/M/S= 21-39-54.9
LAT N=35-30.1 LONG W= 1-18.2 PROF= 5.0 KM MAG= 3.8
RMS= 1.29 ERH= 7.4 KM ERZ= 10.8 KM NES= 21 IO=

NEIS 16-ENE-1980 H/M/S= 21-39-46.5
LAT N=35-04.0 LONG W= 1-14.0 PROF=10 . KM MAG=
RMS= 0.6 ERH= KM ERZ= KM NES= 10 IO=

CSEM 16-ENE-1980 H/M/S= 21-39-52.3
LAT N=35-17.0 LONG W= 1-19.0 PROF= KM MAG=
RMS= ERH= KM ERZ= KM NES= 14 IO=

SW CABO FIGALO.MAC

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
ENE	17	CRT	E	17	38	25.0								
		ALC	I	17	38	23.3								
		MAL	E	17	38	33.0	I	17	38	43.0	0.06	0.6		

SSIS 17-ENE-1980 H/M/S= 17-38-20.4
LAT N=37-14.1 LONG W= 3-49.0 PROF= 5.0 KM MAG= 2.2
RMS= 0.86 ERH= 0.3 KM ERZ= 0.3 KM NES= 4 IO=

PINOS PUENTE.GR

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
ENE	18													
		SPGM	18-ENE-1980 H/M/S= 19-15- 3.0											
			LAT N=35-00.0 LONG W= 4-18.0 PROF= KM MAG=											
			RMS= ERH= KM ERZ= KM NES= IO=											
			TARGUIST.MAC											
ENE	18													
		LDG	18-ENE-1980 H/M/S= 19-56-13.1											
			LAT N=42-30.0 LONG E= 2-18.0 PROF= KM MAG= 2.7											
			RMS= ERH= KM ERZ= KM NES= IO=											
			OLETTE.FR											
ENE	18	LIS		20	57	36	E	20	58	9.0				
		COI		20	57	455	I	20	58	25.6				
		PTO		20	57	472	I	20	58	26.5				
		MTE		20	57	55		20	58	44.0				
		GUD		20	58	30	E	20	59	43.0				
		TOL		20	58	325	E	20	59	46.0				
		AVE		20	58	34	I	20	59	50.0				
		TIO		20	59	03	I	21	0	41.5				
		HAD		20	59	10	E	21	0	55.0				
		SSIS	18-ENE-1980 H/M/S= 20-56-46.7											
			LAT N=39-09.6 LONG W= 13-19.9 PROF= 5. KM MAG= 3.4											
			RMS= 0.63 ERH= 3.2 KM ERZ= KM NES= 20 IO=											
		SPGM	18-ENE-1980 H/M/S= 20-56-55.0											
			LAT N=38-54.0 LONG W= 12-00.0 PROF= KM MAG=											
			RMS= ERH= KM ERZ= KM NES= IO=											
		IMGP	18-ENE-1980 H/M/S= 20-56-52.0											
			LAT N=40-30. LONG W= 12-48.0 PROF= KM MAG=											
			RMS= ERH= KM ERZ= KM NES= IO=											
			ATLANTICO											

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
ENE 19	CRT	I C	10 14 48.6	I	10 14 53.0				
	ALC	I	10 14 47.9						
	MAL	E	10 15 01.5	I	10 15 17.0	0.09	0.3		
	SSIS	19-ENE-1980	H/M/S= 10-14-42.8						
		LAT N=37-30.8	LONG W= 3-32.5	PROF= 5. KM	MAG= 2.5				
		RMS= 0.42	ERH= 38.9 KM	ERZ= KM	NES= 5	IO=			
	DEHESAS VIEJAS.GR								
ENE 20	TOL	E	19 29 38.0	I	19 30 15.0	0.05	0.9		115
	MAL	I	19 28 55.5	I	19 29 3.4	0.52	0.4		
	ALM	I	19 29 08.6						
	GUD	E	19 29 50.0		19 30 32.9				110
	SSIS	20-ENE-1980	H/M/S= 19-28-48.3						
		LAT N=36-42.2	LONG W= 3-50.1	PROF= 5.0 KM	MAG= 2.8				
		RMS= 0.77	ERH= 39.1 KM	ERZ= 82.9 KM	NES= 7	IO=			
	NERJA.MA								
ENE 21	SPGM	21-ENE-1980	H/M/S= 12-15-34.0						
		LAT N=34-30.0	LONG W= 8-24.0	PROF= KM	MAG=				
		RMS=	ERH= KM	ERZ= KM	NES=	IO=			
	ATLANTICO								
ENE 23	SPGM	23-ENE-1980	H/M/S= 23-01-26.5						
		LAT N=36-00.0	LONG W= 10-12.0	PROF= KM	MAG=				
		RMS=	ERH= KM	ERZ= KM	NES=	IO=			
	SW CABO SAN VICENTE								

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR

ENE 25

LDG 25-ENE-1980 H/M/S= 07-03-52.9
LAT N=43-06.0 LONG W= 0-24.0 PROF= KM MAG= 2.4
RMS= ERH= KM ERZ= KM NES= IO=

ARUDY.FR

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
ENE 28	EPF		09 26 05.2						
	LFF		09 26 21.0						
	CAF		09 26 17.0						
	RJF		09 26 22.4						
	LRG		09 26 25.0		9 27 0.0				
	EBR	E	09 26 15.0		9 26 42.0				
	GUD	I	09 26 54.7						
	LGR	E	09 26 34.1		9 27 14.6				

SSIS 28-ENE-1980 H/M/S= 9-25-38.3
LAT N=42-32.6 LONG E= 2-25.1 PROF= 10. KM MAG= 3.6
RMS= 0.57 ERH= 3.3 KM ERZ= 6.2 KM NES= 11 IO=

LDG 28-ENE-1980 H/M/S= 09-25-36.6
LAT N=42-24.0 LONG E= 2-24.0 PROF= KM MAG= 3.6
RMS= ERH= KM ERZ= KM NES= IO=

NEIS 28-ENE-1980 H/M/S= 09-25-35.9
LAT N=42-30.0 LONG E= 2-30.0 PROF= 10. KM MAG= 3.6
RMS= 0.9 ERH= KM ERZ= KM NES= 19 IO=

CSEM 28-ENE-1980 H/M/S= 09-25-37.5
LAT N=42-32.0 LONG E= 2-28.0 PROF= KM MAG=
RMS= ERH= KM ERZ= KM NES= 22 IO=

PRADES.FR

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
ENE	29	EPF		03	20	53.2								
		RJF		03	21	21.1								
		LFF		03	21	13.2								
		LIS	E	03	19	19.0		3	19	49.5				
		FAR	I	03	18	53.5								
		COI		03	19	37.5		3	20	19.3				
		MTE		03	19	40.8		3	20	24.0				
		PTO	E	03	19	49.7								
		AVE	I	03	19	21.0								
		IFR	I	03	19	34.0	I	3	20	13.5				
		HAD	I	03	19	56.5	I	3	20	53.0				
		TIO	I	03	19	58.5	I	3	20	55.0				
		BME	I	03	20	00.0	I	3	20	57.5				
		YBT	I	03	20	13.5		3	21	21.0				
		LGR	E C	03	20	28.8	I	3	21	46.3				
		ALC	I	03	19	36.6								224
		MAL	I	03	19	25.0					1.00	0.2		90
		GUD	I	03	19	57.3	I	3	20	53.1				200

SSIS 29-ENE-1980 H/M/S= 3-18-40.0
LAT N=36-17.2 LONG W= 8-02.4 PROF= 35.3 KM MAG= 4.4
RMS= 1.17 ERH= 4.5 KM ERZ= 73.7 KM NES= 26 IO=

SPGM 29-ENE-1980 H/M/S= 03-18-43.0
LAT N=35-42.0 LONG W= 8-18.0 PROF= KM MAG=
RMS= ERH= KM ERZ= KM NES= IO=

NEIS 29-ENE-1980 H/M/S= 03-18-46.3
LAT N=37-07.0 LONG W= 7-34.0 PROF= 10. KM MAG=
RMS= 1.1 ERH= KM ERZ= KM NES= 13 IO=

CSEM 29-ENE-1980 H/M/S= 03-19-18.3
LAT N=39-40.0 LONG W= 7-10.0 PROF= KM MAG=
RMS= ERH= KM ERZ= KM NES= 13 IO=

SE CABO SAN VICENTE

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
FEB 02	EPF		05 27 04.6		5 27 31.0				
	LPO		05 27 32.6						
	CAF		05 27 37.6						
	TOL		05 27 17.0			0.05	0.6		120
	EBR	E	05 26 56.0						
	ALC	E	05 27 37.6						
	LGR	E	05 26 58.1		5 27 21.6	0.18	0.8		
	GUD	E	05 27 08.7						
	SSIS		02-FEB-1980 H/M/S= 5-26-32.0						
			LAT N=41-14.5 LONG W= 1-05.6 PROF= 5.0 KM					MAG=	2.9
			RMS= 1.62 ERH= 11.4 KM ERZ= 26.5 KM				NES= 10	IO=	
	HERRERA DE LOS NAVARROS.Z								
FEB 03									
	SPGM		03-FEB-1980 H/M/S= 20-56-46.0						
			LAT N=35-48.0 LONG W= 10-12.0 PROF=					KM MAG=	
			RMS= ERH=		KM ERZ=	KM	NES=	IO=	
	SW CABO SAN VICENTE								
FEB 07	ALI	E	14 45 05.0	I	14 45 19.0	1.35	0.3		
	TOL	E	14 45 33.5	I	14 46 3.5				
	GUD	I	14 45 43.5	I	14 46 20.0				0
	SSIS		07-FEB-1980 H/M/S= 14-44-51.9						
			LAT N=38-10.5 LONG W= 1-29.9 PROF= 5.0 KM					MAG=	3.4
			RMS= 1.26 ERH= 29.8 KM ERZ= 39.8 KM				NES= 6	IO=	
	ABARAN.MU								

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
FEB	10	EPF		03	41	48.4								
		IFR	I	03	40	11.0	I	3	40	30.0				
		AVE	I	03	40	26.0	I	3	40	55.0				
		HAD	I	03	40	33.0	I	3	41	9.0				
		BME	I	03	40	51.0	I	3	41	41.0				
		TIO	I	03	40	52.5	I	3	41	43.5				
		LIS	E	03	40	54.0	I	3	41	44.5				
		FAR		03	40	28.7		3	41	1.5				
		MTE	E	03	41	03.5	I	3	42	3.2				
		CDI	I D	03	41	05.0	I	3	42	4.3				
		PTO	I C	03	41	16.7								
		ALR	I	03	40	09.3								
		TOL	E	03	40	50.0					0.05	0.8		200
		ALC	I	03	40	18.2								
		CRT		03	40	18.2								
		MAL	I	03	40	06.3	I	3	40	26.0	1.07	0.3		140
		GUD	I	03	41	01.1	I	3	41	58.3				200

SSIS 10-FEB-1980 H/M/S= 3-39-43.3
LAT N=35-16.7 LONG W= 4-57.1 PROF= 32.4 KM MAG= 3.2
RMS= 3.2 ERH= 2.5 KM ERZ= 64.3 KM NES= 28 IO=

SPGM 10-FEB-1980 H/M/S= 03-39-45.5
LAT N=34-48.0 LONG W= 5-18.0 PROF= KM MAG=
RMS= ERH= KM ERZ= KM NES= IO=

NEIS 10-FEB-1980 H/M/S= 03-39-38.9
LAT N=35-07.0 LONG W= 4-47.0 PROF= 33. KM MAG=
RMS= .8 ERH= KM ERZ= KM NES= 9 IO=

CSEM 10-FEB-1980 H/M/S= 03-39-43.3
LAT N=35-28.0 LONG W= 4-55.0 PROF= KM MAG=
RMS= ERH= KM ERZ= KM NES= 10 IO=

TANEDMANE.MAC

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
FEB 10	EPF		06 20 54.0		6 22 30.2				
	CAF		06 21 22.4						
	LFF		06 21 15.4						
	BRB	I	06 19 17.5	I	6 19 43.5				
	AVE	I	06 19 25.0	I	6 19 57.5				
	IFR	I	06 19 31.5	I	6 20 7.0				
	BME	E	06 19 58.0						
	TIO	I	06 19 58.0	I	6 20 53.0				
	COI		06 19 43.0		6 20 27.0				
	TOL	E	06 19 51.0	E	6 20 43.0				130
	ALC	E	06 19 35.1						
	MAL	I	06 19 24.5			0.36	0.2		
	GUD	E	06 19 59.3	I	6 20 55.9				140

SSIS 10-FEB-1980 H/M/S= 6-18-42.5
LAT N=36- 8.1 LONG W= 7-41.9 PROF= 34.7 KM MAG= 3.5
RMS= 0.79 ERH= 4.0 KM ERZ= 71.7 KM NES= 19 IO=

SPGM 10-FEB-1980 H/M/S= 06-18-44.0
LAT N=36-00.0 LONG W= 7-12.0 PROF= KM MAG=
RMS= ERH= KM ERZ= KM NES= IO=

GOLFO DE CADIZ

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
FEB 10	ALC	E	17 54 37.4						
	MAL	I	17 54 25						

SPGM 10-FEB-1980 H/M/S= 17-54- 3.0
LAT N=34-54.0 LONG W= 5-06.0 PROF= KM MAG=
RMS= ERH= KM ERZ= KM NES= IO=

TAINZA.MAC

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
FEB 11	PTO	I	17 17 07.8	I	17 17 21.2				
	MTE	E	17 17 18.7						
	COI	E	17 17 25.6						
	STS	E	17 17 04.0		17 17 13.0				
	GUD	I	17 17 41.0						160
	SSIS		11-FEB-1980 H/M/S= 17-16-48.8						
			LAT N=42-10.0 LONG W= 8-11.1 PROF= 5.0 KM MAG= 3.2						
			RMS= 1.60 ERH= 26.7 KM ERZ= 54.1 KM NES= 7 IO=						
	IMGP		17-FEB-1980 H/M/S= 17-16-50.0						
			LAT N=41-36.0 LONG W= 10-00.0 PROF= KM MAG=						
			RMS= ERH= KM ERZ= KM NES= IO=						
	CRECIENTE.PO								
FEB 13									
	LDG		13-FEB-1980 H/M/S= 04-38-12.1						
			LAT N=43-48. LONG E= 0-00. PROF= 15. KM MAG= 3.1						
			RMS= ERH= KM ERZ= KM NES= IO=						
	NOGARO.FR								
FEB 19	EBR	E	04 26 544						
	LGR	E	04 26 01						
	LDG		19-FEB-1980 H/M/S= 04-25-30.6						
			LAT N=43-24. LONG W= 0-36. PROF= 25. KM MAG= 3.1						
			RMS= ERH= KM ERZ= KM NES= IO=						
	LAGOR.FR								

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
FEB	20	TOL	E	15	02	41.5								
		ALC	E	15	02	40.2	E	15	3	4.0				
		GUD	E	15	02	51.1								100
		SSIS	20-FEB-1980 H/M/S= 15- 2- 9.3											
			LAT N=38-40.4 LONG W= 2- 1.4 PROF= 5.0 KM MAG= 2.6											
			RMS= 0.55 ERH= 0.3 KM ERZ= 0.3 KM NES= 4 IO=											
		ALCADOZO.AB												
FEB	22	ALC	E	01	42	08.9								
		MAL	E	01	42	00.3								
		SPGM	22-FEB-1980 H/M/S= 01-41-30.0											
			LAT N=35-06. LONG W= 4-42. PROF= KM MAG=											
			RMS= ERH= KM ERZ= KM NES= IO=											
		TALAHASANE.MAC												

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
FEB 29	EPF		20 40 59.4						
	LFF		20 41 22.5						
	CAF		20 41 29.2						
	LRG		20 42 03.7						
	IFR	I	20 43 18.5						
	AVE	I	20 43 31.0						
	HAD	I	20 43 39.0						
	MTE		20 42 19.0						
	PTO	I D	20 42 24.6		20 43 34.2				
	COI	E C	20 42 28.7	I	20 43 40.1				
	LIS	I D	20 42 49.7	I	20 44 10.9				
	ALM	I C	20 42 29.6						
	SFS	E	20 42 50.5						
	ALI	I C	20 42 04.0			4.65	1.0		
	TOL	I	20 41 54.8	I	20 42 45.5				720
	STS	I	20 42 18.0						
	EBR	I	20 41 29.0	I	20 41 58.0				
	ALC	E	20 42 24.0						
	CRT	I	20 42 26.0						
	MAL	I C	20 42 35.8	I	20 43 54.2	1.94	0.2		300
	FBR	I	20 41 32.1		20 42 3.0				
	LGR	I D	20 41 21.8		20 41 43.8				
	GUD	I	20 41 48.8		20 42 33.3				610

SSIS 29-FEB-1980 H/M/S= 20-40-50.5
LAT N=43-11.1 LONG W= 0-21.5 PROF= 5.0 KM MAG= 5.6
RMS= 1.30 ERH= 4.4 KM ERZ= 6.2 KM NES= 30 IO=

LDG 29-FEB-1980 H/M/S= 20-40-49.5
LAT N=43-06. LONG W= 0-30. PROF= 10. KM MAG= 5.0
RMS= ERH= KM ERZ= KM NES= IO=

NEIS 29-FEB-1980 H/M/S= 20-40-48.5
LAT N=43-16. LONG W= 0-20. PROF= 10. KM MAG= 4.9
RMS= 1.3 ERH= KM ERZ= KM NES= 1 IO=

CSEM 29-FEB-1980 H/M/S= 20-40-50.6
LAT N=43-16. LONG W= 0-27. PROF= KM MAG=
RMS= ERH= KM ERZ= KM NES= IO=

TARBES.FR
IV.LOGROÑO Y PROVINCIA

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
FEB 29									
	NEIS		29-FEB-1980 H/M/S= 21-02- 0.0						
			LAT N=43-21. LONG W= 0-13. PROF= 10. KM MAG=						
			RMS= 1.5 ERH= KM ERZ= KM NES= IO=						
	LDG		29-FEB-1980 H/M/S= 21-01-57.6						
			LAT N=43-00. LONG W= 0-24. PROF= KM MAG= 3.5						
			RMS= ERH= KM ERZ= KM NES= IO=						
	LARUNS.FR								
FEB 29									
	LDG		29-FEB-1980 H/M/S= 21-32-35.2						
			LAT N=43-06. LONG W= 0-24. PROF= 10. KM MAG= 3.1						
			RMS= ERH= KM ERZ= KM NES= IO=						
	ARUDY.FR								
FEB 29									
	LDG		29-FEB-1980 H/M/S= 21-35-20.4						
			LAT N=43-00. LONG W= 0-30. PROF= 5. KM MAG= 3.2						
			RMS= ERH= KM ERZ= KM NES= IO=						
	LARUNS.FR								

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
FEB 29	EBR	E	22 58 47.0	E	22 59 16.0				
	LGR	E	22 58 36.2	I	22 58 58.2				
	GUD	E	22 59 01.2						
	EPF		22 58 11.6						
	LPO		22 58 35.0						
	RJF		22 58 43.2						
	LFF		22 58 35.6						
	CAF		22 58 42.1						
	ALC		22 59 36.9						

SSIS 29-FEB-1980 H/M/S= 22-58- 3.8
LAT N=43-16.6 LONG W= 0-17.7 PROF= 5. KM MAG= 3.1
RMS= 1.42 ERH= 7.5 KM ERZ= 11.7 KM NES= 11 IO=

LDG 29-FEB-1980 H/M/S= 22-58- 1.8
LAT N=43-00. LONG W= 0-24. PROF= 5. KM MAG= 3.8
RMS= ERH= KM ERZ= KM NES= IO=

NEIS 29-FEB-1980 H/M/S= 22-58- 3.1
LAT N=43-21. LONG W= 0-10. PROF= 10. KM MAG=
RMS= 1.1 ERH= KM ERZ= KM NES= 9 IO=

TARBES.FR

FEB 29

LDG 29-FEB-1980 H/M/S= 23-31-37.3
LAT N=43-06. LONG W= 0-24. PROF= KM MAG= 3.3
RMS= ERH= KM ERZ= KM NES= IO=

ARUDY.FR

MAR 01

LDG 01-MAR-1980 H/M/S= 00-17-44.1
LAT N=43-06. LONG W= 0-24. PROF= 5. KM MAG= 3.4
RMS= ERH= KM ERZ= KM NES= IO=

ARUDY.FR

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR

MAR 01

LDG 01-MAR-1980 H/M/S= 00-52-52.6
LAT N=43-06. LONG W= 0-18. PROF= 10. KM MAG= 3.1
RMS= ERH= KM ERZ= KM NES= IO=

ARUDY.FR

MAR 01

LDG 01-MAR-1980 H/M/S= 04-06-57.6
LAT N=43-06. LONG W= 0-21. PROF= 10. KM MAG= 3.2
RMS= ERH= KM ERZ= KM NES= IO=

ARUDY.FR

MAR 01

LDG 01-MAR-1980 H/M/S= 04-16-58.9
LAT N=43-06. LONG W= 0-18. PROF= 15. KM MAG= 3.2
RMS= ERH= KM ERZ= KM NES= IO=

ARUDY.FR

MAR 01

LDG 01-MAR-1980 H/M/S= 06-31-13.1
LAT N=43-06. LONG W= 0-24. PROF= 5. KM MAG= 3.1
RMS= ERH= KM ERZ= KM NES= IO=

ARUDY.FR

MAR 01

LDG 01-MAR-1980 H/M/S= 06-44-54.7
LAT N=43-00. LONG W= 0-24. PROF= KM MAG= 3.3
RMS= ERH= KM ERZ= KM NES= IO=

LARUNS.FR

MES	DIA	STA	PRK	P H	P M	P S	P SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
MAR	01													
		LDG		01-MAR-1980 H/M/S= 09-45-13.7										
				LAT N=43-06. LONG W= 0-18. PROF= 10. KM MAG= 3.3										
				RMS= ERH= KM ERZ= KM NES= IO=										
		NEIS		01-MAR-1980 H/M/S= 09-45-13.3										
				LAT N=43-12. LONG W= 0-16. PROF= KM MAG=										
				RMS= ERH= KM ERZ= KM NES= 6 IO=										
		ARUDY.FR												
MAR	01													
		LDG		01-MAR-1980 H/M/S= 10-21-15.6										
				LAT N=43-06. LONG W= 0-24. PROF= 10. KM MAG= 3.0										
				RMS= ERH= KM ERZ= KM NES= IO=										
		ARUDY.FR												
MAR	01													
		LDG		01-MAR-1980 H/M/S= 12-50-43.8										
				LAT N=43-06. LONG W= 0-24. PROF= 5. KM MAG= 3.0										
				RMS= ERH= KM ERZ= KM NES= IO=										
		ARUDY.FR												
MAR	01													
		LDG		01-MAR-1980 H/M/S= 13-23-40.4										
				LAT N=43-06. LONG W= 0-24. PROF= 5. KM MAG= 3.1										
				RMS= ERH= KM ERZ= KM NES= IO=										
		ARUDY.FR												

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
MAR	01													
		LDG		01-MAR-1980			H/M/S= 14-14-10.4							
				LAT N=43-06.			LONG W= 0-24.				PROF=	KM	MAG= 3.1	
				RMS=			ERH=	KM	ERZ=	KM	NES=		IO=	
		ARUDY.FR												
MAR	01	EPF		15	03	49.7		15	3	57.1				
		LFF		15	04	13.0								
		CAF		15	04	20.4								
		LRG		15	04	53.4								
		LGR	I D	15	04	12.2	I	15	4	34.4				
		TOL	E	15	04	42.0	E	15	5	35.5	0.02	0.6		200
		GUD	E	15	04	39.0								200
		SSIS		01-MAR-1980			H/M/S= 15- 3-41.3							
				LAT N=43- 9.6			LONG W= 0-16.3				PROF= 5.0 KM		MAG= 3.9	
				RMS= 0.74			ERH= 6.2 KM		ERZ= 9.3 KM		NES= 10		IO=	
		LDG		01-MAR-1980			H/M/S= 15-03-39.9							
				LAT N=43-06.			LONG W= 0-24.				PROF= 5. KM		MAG= 3.9	
				RMS=			ERH=	KM	ERZ=	KM	NES=		IO=	
		NEIS		01-MAR-1980			H/M/S= 15-03-37.0							
				LAT N=43-06.			LONG W= 0-34.				PROF= 10. KM		MAG=	
				RMS= 1.			ERH=	KM	ERZ=	KM	NES= 21		IO=	
		CSEM		01-MAR-1980			H/M/S= 15-03-40.3							
				LAT N=43-13.			LONG W= 0-25.				PROF=	KM	MAG=	
				RMS=			ERH=	KM	ERZ=	KM	NES= 25		IO=	
		TARBES.FR												

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
MAR 01	EPF		22 06 05.4		22 6 12.0				
	LFF		22 06 29.0						
	CAF		22 06 34.8						
	LRG		22 07 08.4		22 8 7.0				
	ALC	E	22 07 30.7						190
	LGR	I D	22 06 28.0	I	22 6 50.2	0.93	0.8		
	TOL	I C	22 07 03.5	I	22 7 49.0	0.06	0.8		
	GUD	I	22 06 55.1						215

SSIS 01-MAR-1980 H/M/S= 22- 5-57.0
LAT N=43- 7.1 LONG W= 0-15.3 PROF= 5.0 KM MAG= 3.3
RMS= 1.16 ERH= 7.4 KM ERZ= 8.8 KM NES= 12 IO=

LDG 01-MAR-1980 H/M/S= 22-05-55.6
LAT N=43-06. LONG W= 0-24. PROF= KM MAG= 4.
RMS= ERH= KM ERZ= KM NES= IO=

NEIS 01-MAR-1980 H/M/S= 22-05-55.8
LAT N=43-14. LONG W= 0-17. PROF= 10. KM MAG=
RMS= 1. ERH= KM ERZ= KM NES= 22 IO=

CSEM 01-MAR-1980 H/M/S= 22-05-57.3
LAT N=43-14. LONG W= 0-15. PROF= 10. KM MAG=
RMS= ERH= KM ERZ= KM NES= 27 IO=

TARBES.FR

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
MAR	02	COI	E	02	24	13.0								
		EPF		02	22	41.0		2	22	48.0				
		LFF		02	23	04.4								
		CAF		02	23	11.0								
		LRG		02	23	46.6								
		ALC	E	02	24	06.5								210
		CRT	E	02	24	10.4								
		MAL	I	02	24	17.3					0.09	0.3		
		LGR	I	02	23	03.7	I	2	23	25.7	0.20	0.8		
		TOL	I	02	23	38.8	I	2	24	25.3	0.19	0.6		340
		GUD	I	02	23	31.0	I	2	24	13.3				

SSIS 02-MAR-1980 H/M/S= 2-22-32.6
LAT N=43- 9.3 LONG W= 0-18.0 PROF= 5.0 KM MAG= 3.9
RMS= 0.97 ERH= 6.0 KM ERZ= 8.9 KM NES= 15 IO=

LDG 02-MAR-1980 H/M/S= 02-22-31.8
LAT N=43-06. LONG W= 0-30. PROF= KM MAG= 4.4
RMS= ERH= KM ERZ= KM NES= IO=

NEIS 02-MAR-1980 H/M/S= 02-22-31.1
LAT N=43-16. LONG W= 0-21. PROF= 10. KM MAG=
RMS= 1. ERH= KM ERZ= KM NES= 35 IO=

CSEM 02-MAR-1980 H/M/S= 02-22-33.0
LAT N=43-15. LONG W= 0-18. PROF= KM MAG=
RMS= ERH= KM ERZ= KM NES= 37 IO=

TARBES.FR

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
MAR 02	EPF		02 33 42.0						
	LFF		02 34 05.6						
	CAF		02 34 13.2						
	LGR	E	02 34 05.0		2 34 26.7				
	TOL	E	02 34 41.5		2 35 26.0				140
	GUD	E	02 34 29.0						

SSIS 02-MAR-1980 H/M/S= 2-33-33.9
LAT N=43- 7.3 LONG W= 0-13.2 PROF= 5.0 KM MAG= 2.8
RMS= 1.42 ERH= 47.2 KM ERZ= 65.4 KM NES= 6 IO=

LDG 02-MAR-1980 H/M/S= 02-33-31.2
LAT N=43-06. LONG W= 0-30. PROF= KM MAG= 3.4
RMS= ERH= KM ERZ= KM NES= IO=

TARBES.FR

MAR 02

LDG 02-MAR-1980 H/M/S= 05-52-12.6
LAT N=43-06. LONG W= 0-24. PROF= 5. KM MAG= 3.1
RMS= ERH= KM ERZ= KM NES= IO=

ARUDY.FR

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
MAR	02	LIS	I	09	13	31.5		9	13	41.7				
		COI		09	13	39.0								
		MTE		09	13	41.2								
		ALC	E	09	14	17.5								
		GUD	E	09	14	09.0								150

SSIS 02-MAR-1980 H/M/S= 9-13-16.1
LAT N=38-58.4 LONG W= 8- 9.3 PROF= 10. KM MAG= 3.3
RMS= 0.60 ERH= 7.2 KM ERZ= 25.2 KM NES= 6 IO= IV

IMGP 02-MAR-1980 H/M/S= 09-13-15.0
LAT N=38-54. LONG W= 8-12. PROF= KM MAG=
RMS= ERH= KM ERZ= KM NES= IO=

MORA.PORT
III-IV EVORA ARRAIOLO
III ESTREMOZ,EVORA NORTE

MAR 02

LDG 02-MAR-1980 H/M/S= 22-17-55.9
LAT N=43-00. LONG W= 0-24. PROF= 5. KM MAG= 3.0
RMS= ERH= KM ERZ= KM NES= IO=

LARUNS.FR

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
MAR	02	EPF		22	46	23.2								
		LFF		22	46	47.4								
		CAF		22	46	54.0								

LDG 02-MAR-1980 H/M/S= 22-46-14.2
LAT N=43-06. LONG W= 0-24. PROF= 5. KM MAG= 3.6
RMS= ERH= KM ERZ= KM NES= IO=

NEIS 02-MAR-1980 H/M/S= 22-46-10.1
LAT N=43-12. LONG W= 0-35. PROF= 10. KM MAG=
RMS= .8 ERH= KM ERZ= KM NES= 16 IO=

ARUDY.FR

MES DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
MAR 03	PTO	E	00	34	48.9								
	COI	E	00	34	55.2								
	EPF		00	33	21.6								
	LFF		00	33	45.4								
	CAF		00	33	51.4								
	ALC	E	00	34	46.6								240
	LGR	I	00	33	45.0	I	0	34	7.0	0.11	0.8		
	CRT	F	00	34	49.0								
	MAL	I	00	34	58.0								
	TOL	E	00	34	18.0	I	0	35	5.5	0.14	0.6		330
	GUD	I	00	34	11.6								300

SSIS 03-MAR-1980 H/M/S= 0-33-13.2
LAT N=43- 4.5 LONG W= 0-10.3 PROF= 5.0 KM MAG= 3.7
RMS= 1.05 ERH= 6.6 KM ERZ= 8.8 KM NES= 13 IO=

LDG 03-MAR-1980 H/M/S= 00-33-13.3
LAT N=43-12. LONG W= 0-24. PROF= KM MAG= 4.6
RMS= ERH= KM ERZ= KM NES= IO=

NEIS 03-MAR-1980 H/M/S= 00-33-11.0
LAT N=43-16. LONG W= 0-26. PROF= 10. KM MAG=
RMS= .9 ERH= KM ERZ= KM NES= 34 IO=

CSEM 03-MAR-1980 H/M/S= 00-33-13.2
LAT N=43-16. LONG W= 0-16. PROF= KM MAG=
RMS= .9 ERH= KM ERZ= KM NES= 43 IO=

BAGNERES DE BIGORRE.FR

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
MAR	03	EPF		00	39	44.8								
		LFF		00	40	13.0								
		CAF		00	40	09.1								
		LGR	E	00	40	09.1								
		GUD	E	00	40	34.2								

LDG 03-MAR-1980 H/M/S= 00-39-34.4
LAT N=43-06. LONG W= 0-24. PROF= KM MAG= 3.6
RMS= ERH= KM ERZ= KM NES= IO=

NEIS 03-MAR-1980 H/M/S= 00-39-35.8
LAT N=43-19. LONG W= 0-11. PROF= 10. KM MAG=
RMS= .7 ERH= KM ERZ= KM NES= 10 IO=

ARUDY.FR

MAR 03

LDG 03-MAR-1980 H/M/S= 03-29-18.7
LAT N=43-06. LONG W= 0-12. PROF= KM MAG= 3.0
RMS= ERH= KM ERZ= KM NES= IO=

LOURDES.FR

MAR 03

LDG 03-MAR-1980 H/M/S= 06-47-31.8
LAT N=43-00. LONG W= 0-24. PROF= KM MAG= 3.0
RMS= ERH= KM ERZ= KM NES= IO=

LARUNS.FR

MAR 03

LDG 03-MAR-1980 H/M/S= 07-31-20.1
LAT N=43-00. LONG W= 0-24. PROF= 15. KM MAG= 3.1
RMS= ERH= KM ERZ= KM NES= IO=

LARUNS.FR

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
MAR	03													
		LDG		03-MAR-1980 H/M/S= 10-56-58.2										
				LAT N=43-00. LONG W= 0-24. PROF= 15. KM MAG= 3.3										
				RMS= ERH= KM ERZ= KM NES= IO=										
		LARUNS.FR												
MAR	03	EPF		13	21	40.2								
		LFF		13	22	04.4								
		CAF		13	22	10.8								
		ALC	E	13	23	05.0								
		LGR	I	13	22	02.8	I	13	22	24.2	0.57	0.7		
		TOL	E	13	22	36.5	E	13	23	23.5	0.03	0.8		200
		GUD	I	13	22	30.0								210
		SSIS		03-MAR-1980 H/M/S= 13-21-31.7										
				LAT N=43- 5.7 LONG W= 0-16.9 PROF= 5.0 KM MAG= 3.7										
				RMS= 0.75 ERH= 2.4 KM ERZ= 3.0 KM NES= 9 IO=										
		LDG		03-MAR-1980 H/M/S= 13-21-29.4										
				LAT N=43-00. LONG W= 0-36. PROF= KM MAG= 4.0										
				RMS= ERH= KM ERZ= KM NES= IO=										
		NEIS		03-MAR-1980 H/M/S= 13-21-29.7										
				LAT N=43-13. LONG W= 0-30. PROF= 10. KM MAG=										
				RMS= 1.1 ERH= KM ERZ= KM NES= 20 IO=										
		CSEM		03-MAR-1980 H/M/S= 13-21-31.9										
				LAT N=43-15. LONG W= 0-26. PROF= KM MAG=										
				RMS= ERH= KM ERZ= KM NES= 26 IO=										
		BAGNERES DE BIGORRE.FR												
MAR	03													
		LDG		03-MAR-1980 H/M/S= 16-38-36.9										
				LAT N=43-00. LONG W= 0-24. PROF= KM MAG= 3.5										
				RMS= ERH= KM ERZ= KM NES= IO=										
		LARUNS.FR												

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--------------------------------------------------------------------------------
                              P                  S
                          ---------         ---------
MES DIA   STA  PRK     H  M  S     SRM    H  M  S     AMP  PER  STA-COR  DUR
--------------------------------------------------------------------------------


MAR 03
         LDG    03-MAR-1980    H/M/S= 20-32-34.0
                LAT N=43-00.   LONG W=  0-24.   PROF= 5 .  KM    MAG= 3.0
                RMS=        ERH=       KM  ERZ=      KM  NES=      IO=

         LARUNS.FR


MAR 03
         LDG    03-MAR-1980    H/M/S= 20-41-42.3
                LAT N=43-00.   LONG W=  0-24.   PROF= 10.  KM    MAG= 3.1
                RMS=        ERH=       KM  ERZ=      KM  NES=      IO=

         LARUNS.FR


MAR 04     EPF          04 39 36.4          4 39 43.3
           LFF          04 40 00.2
           CAF          04 40 06.3
           LRG          04 40 42.8
           ALC   E      04 41 01.1
           LGR   I      04 39 59.0   I      4 40 20.4   0.63 0.7
           GUD   I      04 40 26.0                                       215
         SSIS   04-MAR-1980    H/M/S=  4-39-27.5
                LAT N=43-10.1  LONG W=  0-18.3  PROF=  5.  KM    MAG= 3.7
                RMS= 0.77  ERH=  8.1 KM  ERZ= 14.0 KM  NES=  9   IO=
         LDG    04-MAR-1980    H/M/S= 04-39-26.0
                LAT N=43-00.   LONG W=  0-24.   PROF=      KM    MAG= 4.1
                RMS=        ERH=       KM  ERZ=      KM  NES=      IO=
         NEIS   04-MAR-1980    H/M/S= 04-39-27.7
                LAT N=43-20.   LONG W=  0-15.   PROF= 10.  KM    MAG=
                RMS= 1.2    ERH=       KM  ERZ=      KM  NES= 24   IO=
         CSEM   04-MAR-1980    H/M/S= 04-39-28.9
                LAT N=43-19.   LONG W=  0-14.   PROF=      KM    MAG=
                RMS=        ERH=       KM  ERZ=      KM  NES= 26   IO=

         PAU.FR
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MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR

MAR 04

LDG 04-MAR-1980 H/M/S= 05-38-28.4
LAT N=43-06. LONG W= 0-24. PROF= 5. KM MAG= 3.0
RMS= ERH= KM ERZ= KM NES= IO=

ARRUDY.FR

MAR 04

LGR	E	15	10	12.1				15	10	22.0				
GUD	E	15	10	41				15	11	24.4				

LDG 04-MAR-1980 H/M/S= 15-09-41.7
LAT N=43-06. LONG W= 0-24. PROF= 5. KM MAG= 3.7
RMS= ERH= KM ERZ= KM NES= IO=

NEIS 04-MAR-1980 H/M/S= 15-09-41.2
LAT N=43-09. LONG W= 0-18. PROF= 10. KM MAG=
RMS= 1.1 ERH= KM ERZ= KM NES= 9 IO=

ARRUDY.FR

MAR 04

LDG 04-MAR-1980 H/M/S= 20-03- 5.6
LAT N=43-00. LONG W= 0-24. PROF= 10. KM MAG= 3.0
RMS= ERH= KM ERZ= KM NES= IO=

LARUNS.FR

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
MAR	05	EPF		08	07	51.2		8	7	59.3				
		LFF		08	08	14.4								
		LRG		08	08	57.5								
		LGR		08	08	12.7		8	8	35.6				
		TOL	E	08	09	31.0								
		GUD	E	08	08	40.0		8	9	20.9				

LDG 05-MAR-1980 H/M/S= 08-07-40.0
LAT N=43-06. LONG W= 0-30. PROF= KM MAG= 4.0
RMS= ERH= KM ERZ= KM NES= IO=

NEIS 05-MAR-1980 H/M/S= 08-07-41.3
LAT N=43-18. LONG W= 0-21. PROF= 10. KM MAG=
RMS= ERH= KM ERZ= KM NES= 20 IO=

PAU.FR

MAR 05

LDG 05-MAR-1980 H/M/S= 10-26- 3.7
LAT N=43-06. LONG W= 0-24. PROF=10 . KM MAG= 3.0
RMS= ERH= KM ERZ= KM NES= IO=

ARUDY.FR

MAR 05

LDG 05-MAR-1980 H/M/S= 11-33-47.9
LAT N=43-06. LONG W= 0-30. PROF= 10. KM MAG= 3.2
RMS= ERH= KM ERZ= KM NES= IO=

ARUDY.FR

MAR 05

LDG 05-MAR-1980 H/M/S= 12-07-19.7
LAT N=43-06. LONG W= 0-24. PROF= 10. KM MAG= 3.0
RMS= ERH= KM ERZ= KM NES= IO=

ARUDY.FR

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR

MAR 05

LDG 05-MAR-1980 H/M/S= 18-09- 7.5
LAT N=43-00. LONG W= 0-24. PROF= 5. KM MAG= 3.0
RMS= ERH= KM ERZ= KM NES= IO=

LARUNS.FR

MAR 05

LDG 05-MAR-1980 H/M/S= 19-31-12.6
LAT N=43-00. LONG W= 0-30. PROF= KM MAG= 3.1
RMS= ERH= KM ERZ= KM NES= IO=

LARUNS.FR

MAR 05

LDG 05-MAR-1980 H/M/S= 22-41- 7.6
LAT N=43-06. LONG W= 0-12. PROF= 25. KM MAG= 3.0
RMS= ERH= KM ERZ= KM NES= IO=

SAINT PE DE BIGORRE.FR

MAR 06

LDG 06-MAR-1980 H/M/S= 00-46-13.9
LAT N=43-06. LONG W= 0-24. PROF= KM MAG= 3.0
RMS= ERH= KM ERZ= KM NES= IO=

ARUDY.FR

MAR 06

LDG 06-MAR-1980 H/M/S= 04-14-42.9
LAT N=43-06. LONG W= 0-24. PROF= KM MAG= 3.0
RMS= ERH= KM ERZ= KM NES= IO=

ARUDY.FR

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR

MAR 06

LDG 06-MAR-1980 H/M/S= 17-24-39.3
LAT N=43-06. LONG W= 0-24. PROF= 10. KM MAG= 3.2
RMS= ERH= KM ERZ= KM NES= IO=

ARUDY.FR

MAR 06

LDG 06-MAR-1980 H/M/S= 18-24-56.8
LAT N=43-06. LONG W= 0-30. PROF= 5. KM MAG= 3.1
RMS= ERH= KM ERZ= KM NES= IO=

ARUDY.FR

MAR 07

EPF 15 06 05.6
LFF 15 06 31.2
CAF 15 06 36.8
LGR 15 06 28.1
GUD 15 06 55.3
LDG 07-MAR-1980 H/M/S= 15-05-58.4
LAT N=43-06. LONG W= 0-18. PROF= 5. KM MAG= 3.8
RMS= ERH= KM ERZ= KM NES= IO=
NEIS 07-MAR-1980 H/M/S= 15-05-56.5
LAT N=43-10. LONG W= 0-18. PROF= 10. KM MAG=
RMS= 1.1 ERH= KM ERZ= KM NES= 14 IO=

PAU.FR

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
MAR 07	EPF		15 23 58.0						
	LFF		15 24 21.8						
	CAF		15 24 28.4						
	LRG		15 25 04.1						
	ALC	E	15 25 23.0						
	LGR	I	15 24 20.8		15 24 43.0	0.99	0.8		
	TOL	E	15 24 55.0			0.06	0.6		180
	GUD	I	15 24 47.8	E	15 25 30.0				200
	SSIS		07-MAR-1980 H/M/S= 15-23-49.8						
			LAT N=43- 6.7 LONG W= 0-15.8 PROF= 5.0 KM					MAG= 3.6	
			RMS= 0.91 ERH= 10.0 KM ERZ= 12.5 KM NES= 10					IO=	
	LDG		07-MAR-1980 H/M/S= 15-23-48.6						
			LAT N=43-00. LONG W= 0-24. PROF= 5 . KM					MAG= 4.2	
			RMS= ERH= KM ERZ= KM NES=					IO=	
	NEIS		07-MAR-1980 H/M/S= 15-23-48.2						
			LAT N=43-14. LONG W= 0-19. PROF= 10. KM					MAG=	
			RMS= ERH= KM ERZ= KM NES= 21					IO=	
	ARUDY.FR								
MAR 08									
	LDG		08-MAR-1980 H/M/S= 13-26-33.2						
			LAT N=43-00. LONG W= 0-30. PROF= 5. KM					MAG= 3.2	
			RMS= ERH= KM ERZ= KM NES=					IO=	
	LARUNS.FR								
MAR 08									
	LDG		08-MAR-1980 H/M/S= 18-30- 1.1						
			LAT N=43-00. LONG W= 0-18. PROF= 25. KM					MAG= 3.2	
			RMS= ERH= KM ERZ= KM NES=					IO=	
	LARUNS.FR								

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
MAR 09	EPF		05 23 17.0						
	LFF		05 23 43.0						
	CAF		05 23 42.0						
	SPF		05 23 36.6						
	IFR	I	05 23 12.5						
	HAD	I	05 23 17.5						
	AVE	E	05 23 38.0						
	TID	E	05 23 54.0						
	ALC	E	05 22 44.0						
	GUD	E	05 23 11.4						
	SSIS		09-MAR-1980 H/M/S= 5-21-40.8						
			LAT N=36-30.4 LONG E= 1-30.0 PROF= 5.0 KM MAG= 3.1						
			RMS= 0.91 ERH= 4.3 KM ERZ= 7.6 KM NES= 13 IO=						
	NEIS		09-MAR-1980 H/M/S= 05-21-38.7						
			LAT N=36-25. LONG E= 1-45. PROF= 33. KM MAG= 3.6						
			RMS= 0.9 ERH= KM ERZ= KM NES= 13 IO=						
	SOUK ET TNINE.ARG								
MAR 09	LDG		09-MAR-1980 H/M/S= 06-00-47.9						
			LAT N=43-06. LONG W= 0-24. PROF= KM MAG= 3.3						
			RMS= ERH= KM ERZ= KM NES= IO=						
	ARUDY.FR								
MAR 09	LGR	E	07 09 47.5						
	GUD		07 10 16						
	LDG		09-MAR-1980 H/M/S= 07-09-15.3						
			LAT N=43-06. LONG W= 0-24. PROF= 5. KM MAG= 3.4						
			RMS= ERH= KM ERZ= KM NES= IO=						
	NEIS		09-MAR-1980 H/M/S= 07-09-15.8						
			LAT N=43-14. LONG W= 0-15. PROF= 10. KM MAG=						
			RMS= 0.9 ERH= KM ERZ= KM NES= 6 IO=						
	PAU.FR								

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
MAR	10	EPF		09	24	45.6		9	24	54.6				
		LFF		09	25	09.6								
		CAF		09	25	16.2								
		LRG		09	25	51.0								
		LGR	I	09	25	09.6	I	9	25	31.3	0.57	0.7		
		TOL	E	09	25	52.0	E	9	26	33.5	0.02	0.8		150
		GUD	E	09	25	35.2								180

SSIS 10-MAR-1980 H/M/S= 9-24-37.9
LAT N=43-15.0 LONG W= 0-17.9 PROF= 5.0 KM MAG= 3.7
RMS= 1.36 ERH= 10.9 KM ERZ= 16.9 KM NES= 10 IO=

LDG 10-MAR-1980 H/M/S= 09-24-35.1
LAT N=43-06. LONG W= 0-30. PROF= KM MAG= 4.0
RMS= ERH= KM ERZ= KM NES= IO=

NEIS 00-MAR-1980 H/M/S= 09-24-33.3
LAT N=43-06. LONG W= 0-31. PROF= 10. KM MAG=
RMS= 0.8 ERH= KM ERZ= KM NES= 18 IO=

PAU.FR

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
MAR 11	LFF		14 16 21.2						
	CAF		14 16 23.0						
	LRG		14 16 50.6						
	LGR	E	14 16 33.0	I	14 17 5.4				
	TOL	E	14 17 06.0			0.03	0.8		150
	FBR	I	14 16 16.3						

SSIS 11-MAR-1980 H/M/S= 14-15-49.0
LAT N=42-57.0 LONG E= 1-14.2 PROF= 5.0 KM MAG= 3.2
RMS= 1.51 ERH= 14.7 KM ERZ= 41.0 KM NES= 7 IO=

LDG 11-MAR-1980 H/M/S= 14-15-47.7
LAT N=42-48. LONG E= 0-42. PROF= 15. KM MAG= 3.8
RMS= ERH= KM ERZ= KM NES= IO=

NEIS 11-MAR-1980 H/M/S= 14-15-46.0
LAT N=42-58. LONG E= 0-51. PROF= 10. KM MAG=
RMS= 1. ERH= KM ERZ= KM NES= 18 IO=

CSEM 11-MAR-1980 H/M/S= 14-15-49.2
LAT N=43-07. LONG E= 0-56. PROF= KM MAG=
RMS= ERH= KM ERZ= KM NES= 22 IO=

SAINT GIRONS.FR

MAR 12	LIS		00 13 07.3						
	COI		00 13 30.3						
	MTE		00 13 40.						
	PTO	E	00 13 44.						
	GUD		00 14 24.						

SSIS 12-MAR-1980 H/M/S= 00-13- 7.8
LAT N=39-18.0 LONG W= 9-18.0 PROF= 5.0 KM MAG= 2.4
RMS= ERH= KM ERZ= KM NES= IO=

IMGP 12-MAR-1980 H/M/S= 00-13- 7.8
LAT N=39-18. LONG W= 9-18. PROF= KM MAG=
RMS= ERH= KM ERZ= KM NES= IO=

LOURINHA.PORT
III CASCAIS,GARGAVELOS,SINTRA,LISBOA

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
MAR 12	AVE	I	03 08 00.5		3 8 31.5				
	IFR	I	03 08 09.0		3 8 36.5				
	HAD	I	03 08 35.0		3 8 6.0				
	TIO	I	03 08 41.0		3 8 1.5				
	FAR		03 07 37.8		3 7 11.2				
	LIS	E	03 08 04.0		3 8 32.0				
	CDI	E	03 08 04.0		3 8 42.6				
	PTO	E	03 08 26.7		3 8 57.0				
	ALC	E	03 08 09.7		3 8 33.9				
	CRT	E	03 08 49.0						
	MAL		03 08 01.5		3 8 22.5				
	SSIS		12-MAR-1980	H/M/S=	3-07-22.5				
			LAT N=36-22.	LONG W=	7-19.6	PROF=	20.0 KM	MAG=	3.3
			RMS= 0.7	ERH=	16.2 KM	ERZ=	20.1 KM	NES= 11	IO=
	SPGM		12-MAR-1980	H/M/S=	03-07-24.5				
			LAT N=36-06.	LONG W=	7-18.	PROF=	KM	MAG=	
			RMS=	ERH=	KM	ERZ=	KM	NES=	IO=
	GOLFO DE CADIZ								
MAR 12	LGR	E	10 30 39.4		10 30 49.7				
	LDG		12-MAR-1980	H/M/S=	10-29-53.0				
			LAT N=43-00.	LONG W=	0-24.	PROF=	5. KM	MAG=	3.5
			RMS=	ERH=	KM	ERZ=	KM	NES=	IO=
	LARUNS.FR								
MAR 12	ALC	I	15 10 44.5						
	ALM	I	15 10 30.0		15 10 31.5				
	LDG		13-MAR-1980	H/M/S=	15-10- 6.9				
			LAT N=43-00.	LONG W=	0-18.	PROF=	20. KM	MAG=	3.0
			RMS=	ERH=	KM	ERZ=	KM	NES=	IO=
	LARUNS.FR								

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
MAR	16													
		LDG		16-MAR-1980		H/M/S= 03-01- 6.4								
				LAT N=43-42.		LONG E= 5-00.				PROF= 10. KM			MAG= 3.0	
				RMS=		ERH=		KM ERZ=		KM NES=			IO=	
		SALON.FR												
MAR	17	ALC		17	29	02.8								
		CRT		17	29	01.8								
		II GRANADA												
		LOCALIZACION MACROSISMICA												
MAR	18	EPF		01	19	35.3								
		LFF		01	20	00.2								
		CAF		01	20	05.3								
		LRG		01	20	42.2								
		LGR	I	01	19	58.6					0.20	0.7		
		EBR	E	01	20	08.5								
		GUD	E	01	20	23.6	I	1	21	6.1				120
		SSIS		18-MAR-1980		H/M/S= 1-19-28.7								
				LAT N=43-13.6		LONG W= 0-16.4				PROF= 20.0 KM			MAG= 3.2	
				RMS= 1.96		ERH= 16.2 KM		ERZ= 20.1 KM		NES= 7			IO=	
		LDG		18-MAR-1980		H/M/S= 01-19-27.2								
				LAT N=43-12.		LONG W= 0-36.				PROF= KM			MAG= 3.6	
				RMS=		ERH=		KM ERZ=		KM NES=			IO=	
		NEIS		18-MAR-1980		H/M/S= 01-19-26.7								
				LAT N=43-14.		LONG W= 0-14.				PROF= 10. KM			MAG=	
				RMS= .9		ERH=		KM ERZ=		KM NES= 13			IO=	
		TARBES.FR												

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
MAR	18													
		LDG		18-MAR-1980			H/M/S= 04-58- 7.2							
				LAT N=43-00.			LONG W= 0-24.				PROF= 10. KM		MAG= 3.2	
				RMS=			ERH=		KM	ERZ=	KM	NES=	IO=	
		LARUNS.FR												
MAR	21	CRT	E	02	11	35.0								
		MAL	I	02	11	26.0	I	2	11	37.2	2.22	0.2		70
		GUD	E	02	12	23.5								
		IFR	I	02	11	49.0								
		HAD	I	02	12	11.0	E	2	12	52.5				
		TIO	E	02	12	32.0	I	2	13	30.5				
		SSIS		21-MAR-1980			H/M/S= 2-11-10.1							
				LAT N=35-52.0			LONG W= 4-24.5				PROF= 5.0 KM		MAG= 2.6	
				RMS= 1.04			ERH= 16.3 KM			ERZ= 13.4 KM		NES= 9	IO=	
		SPGM		21-MAR-1980			H/M/S= 02-11-15.0							
				LAT N=35-24.			LONG W= 5-00.				PROF=	KM	MAG=	
				RMS=			ERH=		KM	ERZ=	KM	NES=	IO=	
		ALBORAN												
MAR	21	MAL	I	22	16	10.0					0.78	0.2		60
		TOL	E	22	16	48.0	E	22	17	20.5	0.05	0.8		130
		ALM	I D	22	16	19.8	I	22	16	33.6	1.28	0.8		
		GUD	E	22	17	00.5								
		SSIS		21-MAR-1980			H/M/S= 22-16- 0.5							
				LAT N=36-53.6			LONG W= 3-46.2				PROF= 5.0 KM		MAG= 2.8	
				RMS= 1.17			ERH= 37.5 KM			ERZ= 56.6 KM		NES= 6	IO= IV	
		OTIVAR.GR												
		III GRANADA												

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
MAR 21	MAL	I	22 17 36.0						
	ALM	I	22 17 46.3			1.20	0.9		
	GUD	E	22 18 26.6	E	22 19 1.4				
	SSIS		21-MAR-1980	H/M/S= 22-17-28.0					
			LAT N=37- 0.3	LONG W= 3-55.7	PROF= 34.0 KM			MAG= 2.8	
			RMS= 2.42	ERH= 0.3 KM	ERZ= 0.3 KM	NES= 4		IO= IV	
	ALHAMA DE GRANADA.GR								
	IV ATARFE								
	III GRANADA								
MAR 22	LIS	E	18 48 10.		18 48 11.0				
	COI	I	18 48 10.		18 48 17.6				
	MTE	E	18 48 23.8		18 48 17.4				
	GUD		18 48 56.5		18 48 5.0				
	IMGP		22-MAR-1980	H/M/S= 18-47-59.0					
			LAT N=39-06.	LONG W= 8-00.	PROF= KM			MAG=	
			RMS=	ERH= KM	ERZ= KM	NES=		IO=	
	GALVEIAS.PORT								
MAR 25	ALC		10 41 11.2						
	CRT		10 41 10.8						
	ALM		10 41 48.1						
	SSIS		25-MAR-1980	H/M/S= 10-41- 9.3					
			LAT N=37-20.	LONG W= 3-37.	PROF= KM			MAG= 3.	
			RMS=	ERH= KM	ERZ= KM	NES=		IO= III	
	DEIFONTES.GR								
	III ATARFE								
	II GRANADA,MACARENA,SANTA FE								
	LOCALIZACION MACROSISMICA								

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
MAR 25	IFR	I	10 59 28.0						
	MTE	E	10 59 52.1						
	COI	E	10 59 56.3						
	MAL	I	10 59 03.2	I	10 59 8.0				
	TOL	E	10 59 24.0	E	11 0 6.0	0.33	0.6		200
	GUD	E	10 59 30.0						
	SSIS	25-MAR-1980	H/M/S= 10-58-28.0						
		LAT N=36-43.7	LONG W= 1-43.5	PROF= 60.0 KM	MAG= 3.9				
		RMS= 1.90	ERH= 39.5 KM	ERZ= 02.8 KM	NES= 6	IO=			
	MEDITERRANEO								
MAR 26	LIS	I	03 08 59.8	I	3 9 43.0				
	COI	I	03 09 16.3	I	3 10 13.0				
	MTE	E	03 09 25.5	I	3 10 30.2				
	GUD	E	03 09 58.7	E	3 11 9.3				180
	SSIS	26-MAR-1980	H/M/S= 3- 8-49.0						
		LAT N=38-59.6	LONG W= 9-49.4	PROF= 10.0 KM	MAG= 4.3				
		RMS= 0.20	ERH= 0.3 KM	ERZ= 0.3 KM	NES= 4	IO=			
	SPGM	26-MAR-1980	H/M/S= 03-08- 6.0						
		LAT N=37-12.	LONG W= 12-36.	PROF= KM	MAG=				
		RMS=	ERH= KM	ERZ= KM	NES=	IO=			
	ATLANTICO								
MAR 26	ALC	E	05 54 13.6						
	CRT	E	05 54 14.5						
	MAL	I C	05 54 00.7	I	5 54 7.5	1.77	0.2		
	GUD	E	05 54 28.0						120
	SSIS	26-MAR-1980	H/M/S= 5-53-18.1						
		LAT N=36-50.2	LONG W= 7-58.2	PROF= 10.0 KM	MAG= 3.7				
		RMS= 2.02	ERH= 0.3 KM	ERZ= 0.3 KM	NES= 4	IO=			
	S FARO.PORT								

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR

MAR 29

SPGM 29-MAR-1980 H/M/S= 13-54-54.6
LAT N=34-48. LONG W= 3-54. PROF= KM MAG=
RMS= ERH= KM ERZ= KM NES= IO=

TIGZIRINE.MAC

MAR 29

LGR	E			22	00	59.2		22	0	23.5				
EBR	E			22	01	41.								

LDG 29-MAR-1980 H/M/S= 22-00-27.0
LAT N=43-00. LONG W= 0-24. PROF= 10. KM MAG= 3.2
RMS= ERH= KM ERZ= KM NES= IO=

LARUNS.FR

MAR 29

EBR	E			22	28	09		22	28	24.0				

LDG 29-MAR-1980 H/M/S= 22-27-30.3
LAT N=42-24. LONG E= 2-24. PROF= KM MAG= 3.3
RMS= ERH= KM ERZ= KM NES= IO=

NEIS 29-MAR-1980 H/M/S= 22-27-29.9
LAT N=42-31. LONG E= 2-29. PROF= 10. KM MAG=
RMS= 1.2 ERH= KM ERZ= KM NES= 15 IO=

PRATS DE MOLLO.FR

ABR 01

MAL	E			23	49	37.0	I	23	49	43.0				
ALC	I			23	49	18.6								
CRT	I	C		23	49	18.8								

SSIS 01-ABR-1980 H/M/S= 23-49-17.7
LAT N=37-15.3 LONG W= 3-29.4 PROF= 10.0 KM MAG=
RMS= 1.91 ERH= 0.3 KM ERZ= 0.3 KM NES= 3 IO= III

GRANADA
II-III ALBOLOTE

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
ABR 02	ALM	E	18 39 03.9						
	ALC	I	18 38 46.4						
	CRT	I C	18 38 46.4						
	SSIS		02-ABR-1980	H/M/S= 18-38-44.2					
			LAT N=37-15.3	LONG W= 3-41.0	PROF= 10.0 KM			MAG=	
			RMS= 0.47	ERH= 0.3 KM	ERZ= 0.3 KM		NES= 3	IO=	
	GRANADA								
ABR 13	EBR	E	09 35 21.5	E	9 35 48.0				
	LGR	E	09 35 04.2	E	9 35 23.7				
	GUD	E	09 35 32.0	E	9 36 0.7				
	SSIS		13-ABR-1980	H/M/S= 9-34-47.6					
			LAT N=42-27.5	LONG W= 1-15.1	PROF= 10.0 KM			MAG=	
			RMS= 0.14	ERH= 0.3 KM	ERZ= 0.3 KM		NES= 3	IO=	
	SOS DEL REY CATOLICO.Z								
ABR 16	EBR	E	13 11 00.0						
	TOL	I D	13 11 23.0			0.09	0.8		200
	ALC	E	13 11 50.1						
	LGR	I	13 10 49.0						
	GUD	I	13 11 15.3						200
	SSIS		16-ABR-1980	H/M/S= 13-10-27.8					
			LAT N=42-29.8	LONG W= 0-52.5	PROF= 5. KM			MAG=	3.3
			RMS= 0.55	ERH= 19.9 KM	ERZ= KM		NES= 5	IO=	
	BERDUN.HU								

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
ABR 18	MAL	E	08 09 39.5	I	8 9 48.5				
	ALC	I	08 09 22.4						
	CRT	I C	08 09 21.7						
	SSIS	18-ABR-1980	H/M/S= 8- 9-21.4						
		LAT N=37-11.5	LONG W= 3-30.0	PROF= 5. KM	MAG=				
		RMS= 1.27	ERH= 0.3 KM	ERZ= 0.3 KM	NES= 4	IO= III			
	GRANADA								
	III.ALBOLOTE								
ABR 18	ALM	I	11 06 16.0	I	11 6 24.6	1.32	0.8		
	MAL	I	11 06 33.8			0.16	0.3		60
	ALC	I	11 06 20.8						
	CRT	E	11 06 22.7	I	11 6 30.3				
	SSIS	18-ABR-1980	H/M/S= 11- 6-11.0						
		LAT N=37- 0.0	LONG W= 2-53.5	PROF= 5.0 KM	MAG= 3.8				
		RMS= 1.09	ERH= 47.7 KM	ERZ= 59.7 KM	NES= 6	IO=			
	ALCOLEA.AL								

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
ABR 20	IFR	I	14 19 13.0	I	14 19 32.0				
	TAF	I	14 19 24.0	I	14 19 52.0				
	AVE	I	14 19 31.0	I	14 20 2.5				
	HAD	I	14 19 35.5	I	14 20 14.5				
	TIO	I	14 19 53.5	I	14 20 47.2				
	TOL	E	14 20 02.0	E	14 20 57.5				135
	MAL	I	14 19 21.0			0.18	0.3		
	ALC	E	14 19 29.1						
	GUD	E	14 20 12.7						

SSIS 20-ABR-1980 H/M/S= 14-18-48.2
LAT N=34-57.9 LONG W= 5- 2.2 PROF= 5. KM MAG= 3.5
RMS= 1.38 ERH= 5.9 KM ERZ= 11.1 KM NES= 15 IO=

SPGM 20-ABR-1980 H/M/S= 14-18-42.0
LAT N=35-00. LONG W= 5-00. PROF= KM MAG=
RMS= ERH= KM ERZ= KM NES= IO=

TAINZA.MAC

ABR 23 ALI I 15 46 59.2

SSIS 20-ABR-1980 H/M/S= 15-46-59.2
LAT N=38-10. LONG W= 0-52. PROF= KM MAG=
RMS= ERH= KM ERZ= KM NES= IO= III

ALBATERA.A
LOCALIZACION MACROSISMICA

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
ABR 25	AVE	E	09 29 47.0	I	9 30 51.0				
	IFR	I	09 30 07.5	I	9 31 25.5				
	TIO	I	09 30 12.5	I	9 31 35.5				
	HAD	I	09 30 26.0	I	9 31 59.0				
	LIS	E	09 29 15.0		9 29 55.5				
	COI	I	09 29 31.6	I	9 30 27.3				
	PTO		09 29 37.6						
	MTE	I	09 29 41.2		9 30 42.4				
	GUD	E	09 30 15.0	E	9 31 40.1				

SSIS 25-ABR-1980 H/M/S= 9-28-18.9
LAT N=36-57.5 LONG W= 13- 5.1 PROF= 5.0 KM MAG= 3.2
RMS= 0.91 ERH= 16.9 KM ERZ= 17.2 KM NES= 17 IO=

SPGM 25-ABR-1980 H/M/S= 09-28-24.5
LAT N=37-00. LONG W= 12-24. PROF= KM MAG=
RMS= ERH= KM ERZ= KM NES= IO=

ATLANTICO

ABR 25

SPGM 25-ABR-1980 H/M/S= 13-11-12.0
LAT N=35-12. LONG W= 5-00. PROF= KM MAG=
RMS= ERH= KM ERZ= KM NES= IO=

TARSIFLANE.MAC

ABR 28

SPGM 28-ABR-1980 H/M/S= 11-58-36.0
LAT N=35-48. LONG W= 7-42. PROF= KM MAG=
RMS= ERH= KM ERZ= KM NES= IO=

ATLANTICO

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
MAY	02	ALC	E	21	58	50.6								
		IFR	I	21	59	14.4								
		MAL	I	21	58	42.5								
MAY	09	TAF	I	09	22	23.0	I	9	23	28.0				
		IFR	I	09	23	00.0	I	9	24	42.0				
		HAD	I	09	23	06.0	I	9	24	49.0				
		AVE	E	09	23	26.0	I	9	25	52.0				
		TIO	E	09	23	43.0	I	9	26	9.5				
		EBR	E	09	22	49.0								
		ALM	I D	09	22	24.3	I	9	23	8.8	1.16	1.2		
		FBR	E	09	22	57.5								
		ALC	E	09	22	37.0								293
		LGR	E	09	23	23.0	I	9	24	51.5				
		CRT	I D	09	22	36.7								
		MAL	I	09	22	43.0								
		GUD	I	09	23	10.0								310

SSIS 09-MAY-1980 H/M/S= 9-21-35.6
LAT N=35-51.1 LONG E= 1-12.3 PROF= 10.0 KM MAG= 3.9
RMS= 1.01 ERH= 12.5 KM ERZ= KM NES= 13 IO=

NEIS 09-MAY-1980 H/M/S= 09-21-36.3
LAT N=35-44.8 LONG E= 1-07.2 PROF=33 . KM MAG= 4.2
RMS= .13 ERH= KM ERZ= KM NES= 23 IO=

CSEM 09-MAY-1980 H/M/S= 09-21-36.7
LAT N=35-43.8 LONG E= 1-09.6 PROF= KM MAG= 4.5
RMS= ERH= KM ERZ= KM NES= 26 IO=

AMMI MOUSSA.ARG

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
MAY	10	TAF	I	01	41	44.								
		IFR	I	01	41	53.								
		HAD	E	01	42	15.								

SPGM 10-MAY-1980 H/M/S= 01-41-20.0
LAT N=34-54. LONG W= 3-54. PROF= KM MAG=
RMS= ERH= KM ERZ= KM NES= IO=

TIGZIRINE.MAC

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
MAY 11	EBR	E	05 47 32						
	TOL	E	05 47 25.5	I	5 47 38.5				
	GUD	I	05 47 25.8						
MAY 14	MAL	E	11 39 09.5						
	TOL	I	11 38 28.		11 38 44.5				
	GUD	E	11 38 41.8						
MAY 14	IFR	E	19 27 05.0	E	19 27 52.0				
	MTE	E	19 27 13.3						
	ALM	I C	19 26 03.8	I	19 26 11.9	9.00	0.4		
	ALC	I	19 26 14.3						268
	CRT	E	19 26 15.5						
	MAL	E	19 26 27.5			0.14	0.6		95
	ALR	E	19 26 27.0						
	TOL	E	19 26 40.0	I	19 27 10.0	0.21	0.7		200
	GUD	E	19 26 50.7	E	19 27 36.3				260
	SSIS	14-MAY-1980	H/M/S= 19-25-55.4						
		LAT N=37-24.6	LONG W= 2-14.6	PROF= 5.0 KM	MAG= 3.6				
		RMS= 2.38	ERH= 21.3 KM	ERZ= 14.8 KM	NES= 13	ID=			
	ALBOX.AL								
MAY 16	ALM	I	02 13 45.2			0.24	0.3		
	ALI	I	02 13 04.8			1.01	0.7		
	TOL	E	02 13 52.0		2 14 31.5				115
	GUD	E	02 14 01.3						110
	SSIS	16-MAY-1980	H/M/S= 2-13- 3.8						
		LAT N=38-32.9	LONG W= 0-18.0	PROF= 5.0 KM	MAG= 2.8				
		RMS= 2.19	ERH= 38.4 KM	ERZ= 25.4 KM	NES= 5	ID=			
	VILLAJOYOSA.A								

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
MAY	16	CRT	I	17	44	35.8								
		SSIS	16-MAY-1980 H/M/S= 17-44-35.2											
			LAT N=37-11. LONG W= 3-35.0 PROF= KM MAG=											
			RMS= ERH= KM ERZ= KM NES= IO=											
			GRANADA											
			LOCALIZACION MACROSISMICA											
MAY	17	EBR	E	01	14	57.0	E	1	15	25.0				
		LGR	E	01	15	16.6	E	1	15	56.0				
		TOL	E	01	15	43.0					0.05	0.8		140
		GUD	I	01	15	37.0	I	1	16	34.9				160
		SSIS	17-MAY-1980 H/M/S= 1-14-22.3											
			LAT N=42-34.4 LONG E= 2-10.3 PROF= 5.0 KM MAG= 3.2											
			RMS= 0.94 ERH= 51.4 KM ERZ= 55.2 KM NES= 7 IO=											
			OLETTE.FR											
MAY	20	ALM	I	00	39	17.9	I	0	39	42.8	0.31	1.0		
		CRT	E	00	39	23.5	I	0	39	52.6				
		ALI	I	00	38	44.0					2.90	1.0		
		GUD	E	00	39	35.3								155
		SSIS	20-MAY-1980 H/M/S= 0-38-41.1											
			LAT N=38-28.3 LONG W= 0-41.3 PROF= 4. KM MAG= 3.2											
			RMS= 1.14 ERH= 45.2 KM ERZ= 61.0 KM NES= 6 IO=											
			ELDA.A											
MAY	21	MAL	I	12	13	47.								
		TOL	E	12	13	05.								
		GUD	E	12	13	12.								

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
MAY 23	NKM	I	06 15 09.2	I	6 15 38.0				
	AVE	I	06 15 29.0	I	6 16 12.0				
	IFR	I	06 15 31.5	I	6 16 15.5				
	HAD	I	06 15 54.5	I	6 16 57.5				
	TIO	I	06 16 01.0	I	6 17 8.5				
	LIS		06 15 02.2						
	MTQ		06 15 05.3						
	FAR		06 14 39.0		6 14 45.0				
	COI		06 15 17.6						
	MTE		06 15 18.5						
	MAL	I	06 15 09.5	I	6 15 38.8	0.28	0.3	140	
	SFS	E	06 14 51.8						
	TOL	I	06 15 26.5			0.42	0.8	350	
	GUD	I	06 15 34.3					300	

SSIS 23-MAY-1980 H/M/S= 6-14-30.5
LAT N=37-11.4 LONG W= 7-28.4 PROF= 16.7 KM MAG= 4.
RMS= 0.65 ERH= 2.5 KM ERZ= 3.8 KM NES= 21 IO= V

SPGM 23-MAY-1980 H/M/S= 06-14-32.5
LAT N=36-48. LONG W= 7-48. PROF= KM MAG=
RMS= ERH= KM ERZ= KM NES= IO=

NEIS 23-MAY-1980 H/M/S= 06-14-28.5
LAT N=37-16.9 LONG W= 7-24.9 PROF= 10. KM MAG=
RMS= .4 ERH= KM ERZ= KM NES= 9 IO=

CSEM 23-MAY-1980 H/M/S= 06-14-29.5
LAT N=37-16.8 LONG W= 7-28.2 PROF= KM MAG=
RMS= ERH= KM ERZ= KM NES= 13 IO=

VILA REAL DE SANTO DOMINGO.PORT
V AYAMONTE,ISLA CRISTINA
IV VILA BLANCA,LEPE
III HUELVA,MOGUER

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
MAY	23	BRB	I	12	09	23.6								
		AVE	E	12	09	35.								
		IFR	I	12	09	37.								
		HAD	I	12	10	00.								
		TID	I	12	10	04.5								
		GUD	E	12	10	15.3								
		SPGM	23-MAY-1980 H/M/S= 12-08-52.5											
			LAT N=35-42. LONG W= 7-48. PROF= KM MAG=											
			RMS= ERH= KM ERZ= KM NES= IO=											
		ATLANTICO												
MAY	29	BRB	I	03	11	07.0	I	3	11	52.0				
		AVE	I	03	11	09.0	I	3	11	55.0				
		IFR	I	03	11	24.5	I	3	12	22.5				
		TID	I	03	11	37.0	I	3	12	36.5				
		HAD	I	03	11	46.0	I	3	12	38.0				
		MTE	I	03	11	08.1	I	3	11	55.6				
		PTO	I	03	11	10.8	E	3	11	59.4				
		COO	I	03	11	01.5		3	11	42.0				
		EBR	E	03	14	10.0								
		LGR	E	03	12	03.0								
		STS	E	03	11	33.0								
		MAL	I	03	11	19.0	I	3	12	16.0				
		TOL	E	03	11	18.0	I	3	12	36.0				
		GUD	E	03	11	36.9	I	3	12	34.3				
		SSIS	29-MAY-1980 H/M/S= 03-10- 0.1											
			LAT N=36-47.8 LONG W= 11-02.8 PROF= 10.0 KM MAG= 3.5											
			RMS= 0.75 ERH= 12.2 KM ERZ= 92.8 KM NES= 11 IO=											
		SPGM	29-MAY-1980 H/M/S= 03-10- 9.0											
			LAT N=36-24. LONG W= 10-18. PROF= KM MAG=											
			RMS= ERH= KM ERZ= KM NES= IO=											
		ATLANTICO												

			P				S					
MES DIA	STA	PRK	H	M	S	SRM	H	M	S	AMP	PER	STA-COR	DUR
MAY 30	LGR	E	16	16	00.8	E	16	16	21.8				
	TOL	E	16	15	57.0	I	16	16	15.0				
	GUD	E	16	15	50.0	E	16	16	6.4				80
	STS	E	16	15	47.5								

SSIS 30-MAY-1980 H/M/S= 16-15-15.9
LAT N=41-51.7 LONG W= 6-20.7 PROF= 10.0 KM MAG= 3.1
RMS= 0.47 ERH= 0.3 KM ERZ= 0.3 KM NES= 4 IO=

ALCAÑIZES.ZA

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
MAY 30	IFR	I	16 33 55.5	I	16 34 37.5				
	HAD	I	16 34 13.5	I	16 35 10.0				
	TID	I	16 34 39.5	I	16 35 55.0				
	COI	I C	16 34 19.1						
	PTO	I	16 34 28.5						
	MTE	I	16 34 14.2						
	EBR	E	16 34 15.0						
	ALM	I	16 33 09.0	I	16 33 15.0				
	LGR	E	16 34 20.8						
	CRT	I D	16 33 08.7	I	16 33 15.1				
	MAL	I	16 33 17.0			1.55	0.2		
	GUD	I	16 33 59.9						240
	ALR	I	16 33 15.3	I	16 33 26.5				
	SSIS	30-MAY-1980	H/M/S= 16-32-58.7						
		LAT N=36-49.4	LONG W= 3- 7.1	PROF= 5. KM				MAG= 4.	
		RMS= 0.75	ERH= 2.1 KM	ERZ= 2.9 KM		NES= 19		IO= IV	
	SPGM	30-MAY-1980	H/M/S= 16-33- 0.0						
		LAT N=36-36.	LONG W= 3-18.	PROF= KM				MAG=	
		RMS=	ERH= KM	ERZ= KM		NES=		IO=	
	NEIS	30-MAY-1980	H/M/S= 16-32-57.8						
		LAT N=36-55.4	LONG W= 3-07.1	PROF= 10. KM				MAG=	
		RMS= 1.3	ERH= KM	ERZ= KM		NES= 6		IO=	
	CSEM	30-MAY-1980	H/M/S= 16-32-58.8						
		LAT N=36-48.	LONG W= 3-10.2	PROF= KM				MAG=	
		RMS=	ERH= KM	ERZ= KM		NES= 8		IO=	
	ALBUÑOL.GR								
	III-IV UGIJAR								
MAY 31	BEM	I	20 02 06.	E	20 2 24.0				
	IFR	I	20 02 07.	I	20 2 25.5				
	HAD	I	20 02 28.	E	20 2 42.0				
	SPGM	31-MAY-1980	H/M/S= 20-01-32.0						
		LAT N=35-12.	LONG [illegible]	PROF= KM				MAG=	
		RMS=	ERH= KM	ERZ= KM		NES=		IO=	
	AZZOUTENE.MAC								

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
MAY 31	BEM	I	20 30 17.	E	20 30 13.0				
	IFR	I	20 30 18.5	I	20 30 25.0				
	HAD	E	20 30 33.	I	20 30 39.0				
	SPGM		31-MAY-1980 H/M/S= 20-29-42.0						
			LAT N=35-00. LONG W= 3-45. PROF= KM MAG=						
			RMS= ERH= KM ERZ= KM NES= IO=						
	TABLAKHAL.MAC								
JUN 01									
	SPGM		01-JUN-1980 H/M/S= 15-22-25.0						
			LAT N=35-18. LONG W= 8-42. PROF= KM MAG=						
			RMS= ERH= KM ERZ= KM NES= IO=						
	ATLANTICO								
JUN 01	IFR	E	20 18 54.0	I	20 19 22.0				
	HAD	E	20 19 22.0	E	20 20 10.5				
	TID	E	20 19 43.0	I	20 20 48.0				
	MAL	E	20 18 53.5	I	20 19 14.0	0.08	0.3		
	ALM	I D	20 19 12.7	I	20 19 19.6	0.38	1.0		
	ALR	I	20 18 43.5	I	20 18 55.0				
	SSIS		01-JUN-1980 H/M/S= 20-18-28.3						
			LAT N=35- 3.1 LONG W= 3-47.3 PROF= 10.0 KM MAG= 3.2						
			RMS= 5.84 ERH= 30.7 KM ERZ= 63.9 KM NES= 6 IO=						
	SPGM		01-JUN-1980 H/M/S= 20-18-18.5						
			LAT N=35-12. LONG W= 3-06. PROF= KM MAG=						
			RMS= ERH= KM ERZ= KM NES= IO=						
	TABLAKHAL.MAC								

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
JUN	07													
		SPGM	07-JUN-1980				H/M/S=	08	13	31.0				
			LAT N=36-36.				LONG W=	9	00.		PROF=		KM	MAG=
			RMS=		ERH=			KM	ERZ=		KM	NES=		IO=
		SSIS	07-JUN-1980				H/M/S=	08	13	31.0				
			LAT N=36-36.0				LONG W=	9	00.0		PROF=		KM	MAG= 3.5
			RMS=		ERH=			KM	ERZ=		KM	NES=		IO=
JUN	12	TOL	E	19	43	38.5	I	19	44	11.0	0.07	0.8		130
		MAL	E C	19	43	06.5					0.33	0.4		
		ALM	I	19	43	04.4	I	19	43	13.2	0.97	0.4		
		GUD	E	19	43	51.0	E	19	44	32.8				130
		SSIS	12-JUN-1980				H/M/S=	19	42	51.3				
			LAT N=36-50.2				LONG W=	3	21.3		PROF=	10.0	KM	MAG= 3.1
			RMS= 0.64		ERH=	0.3 KM		ERZ=	0.3 KM		NES=	4		IO=
		ORJIVA.GR												
JUN	14	IFR	I	10	55	18.0								
		AVE	E	10	56	05.0	E	10	56	37.0				
		HAD	I	10	55	38.0	I	10	56	16.0				
		TIO	E	10	56	04.0	E	10	57	2.5				
		CRT	E	10	55	27.0								
		TOL	E	10	56	23.0	E	10	57	6.0				
		MAL	I	10	55	08.8	I	10	55	28.0				
		ALM	I	10	55	34.0	I	10	55	40.1				
		ALR	I	10	54	59.5	I	10	55	11.0				
		SSIS	14-JUN-1980				H/M/S=	10	54	44.1				
			LAT N=35-21.3				LONG W=	3	48.4		PROF=	5.0	KM	MAG= 3.0
			RMS= 2.37		ERH=	23.3 KM		ERZ=	29.5 KM		NES=	10		IO=
		SPGM	14-JUN-1980				H/M/S=	10	54	47.0				
			LAT N=34-54.				LONG W=	3	42.		PROF=		KM	MAG=
			RMS=		ERH=			KM	ERZ=		KM	NES=		IO=
		ALBORAN												

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
JUN	14													
		SPGM		14-JUN-1980			H/M/S=	12-06-13.0						
				LAT N=35-36.			LONG W=	10-24.			PROF=	KM	MAG=	
				RMS=		ERH=	KM	ERZ=		KM	NES=		IO=	
		ATLANTICO												
JUN	15													
		SPGM		15-JUN-1980			H/M/S=	17-06- 8.0						
				LAT N=36-06.			LONG W=	8-18.			PROF=	KM	MAG=	
				RMS=		ERH=	KM	ERZ=		KM	NES=		IO=	
		E CABO SAN VICENTE												
JUN	16	MAL	I	06	07	26.0					0.41	0.3		50
		ALM	I D	06	07	25.2		6	7	36.4	0.63	0.4		
		ALR	I	06	07	17.5	I	6	7	23.3				
		SSIS		16-JUN-1980			H/M/S=	6- 7- 8.7						
				LAT N=36-19.5			LONG W=	3-20.5			PROF=	5.0 KM	MAG=	3.4
				RMS= 0.34		ERH=	1.1 KM	ERZ=		19.4 KM	NES=	5	IO=	
		ALBORAN												
JUN	20													
		SPGM		20-JUN-1980			H/M/S=	05-26- 0.0						
				LAT N=36-00.			LONG W=	8-00.			PROF=	KM	MAG=	
				RMS=		ERH=	KM	ERZ=		KM	NES=		IO=	
		E CABO SAN VICENTE												

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
JUN	22													
		SPGM		22-JUN-1980			H/M/S=	07	22	57.0				
				LAT N=35-36.			LONG W=	5	06.		PROF=	KM	MAG=	
				RMS=	ERH=		KM	ERZ=		KM	NES=		IO=	
		SSIS		22-JUN-1980			H/M/S=	06	22	57.0				
				LAT N=35-36.0			LONG W=	5	06.0		PROF=	KM	MAG=	3.2
				RMS=	ERH=		KM	ERZ=		KM	NES=		IO=	
		E RIO MARTIN.MAC												

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
JUN 22	NKM	I	23 18 48.7						
	IFR	I	23 19 11.7						
	AVE	I	23 19 22.0	I	23 19 55.0				
	HAD	I	23 19 33.8						
	TIO	I	23 19 51.0	I	23 20 46.0				
	FAR		23 19 10.6		23 19 38.0				
	LIS	I D	23 19 34.5	I	23 20 20.2				
	MTQ		23 19 36.1		23 20 22.5				
	MTE	I	23 19 43.0	I	23 20 34.0				
	COI	I	23 19 44.8	I	23 20 37.6				
	PTO	I C	23 19 56.3	I	23 20 56.9				
	CRT	I C	23 19 05.3						
	TOL	I	23 19 33.2			1.18	1.1		440
	LGR	I C	23 20 12.6			0.25	0.7		
	MAL	I D	23 18 53.0	I	23 19 6.0				
	STS	E	23 20 19.0						
	ALM	I C	23 19 11.6	I	23 19 39.0				
	EBR	E	23 20 08.5	E	23 21 18.5				
	SFS	I	23 18 52.7	I	23 18 59.5				
	ALI	I	23 19 41.3	I	23 20 30.0	1.06	0.8		
	GUD	I	23 19 42.9						470
	ALR	I	23 19 03.8						

SSIS 22-JUN-1980 H/M/S= 23-18-34.5
LAT N=35-58.9 LONG W= 5-20.0 PROF= 42.3 KM MAG= 4.4
RMS= 1.25 ERH= 2.7 KM ERZ= 16.9 KM NES= 35 IO= IV

SPGM 22-JUN-1980 H/M/S= 23-18-42.7
LAT N=35-12. LONG W= 5-12. PROF= KM MAG= 4.8
RMS= ERH= KM ERZ= KM NES= IO=

NEIS 22-JUN-1980 H/M/S= 23-18-32.2
LAT N=35-53.8 LONG W= 5-08.9 PROF= 69. KM MAG= 4.7
RMS= 1.3 ERH= KM ERZ= KM NES= 63 IO=

CSEM 22-JUN-1980 H/M/S= 23-18-33.4
LAT N=35-50.4 LONG W= 5-13.2 PROF= 65. KM MAG= 5.0
RMS= ERH= KM ERZ= KM NES= 73 IO=

ESTRECHO DE GIBRALTAR
III-IV MALAGA

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
JUN 23	TOL	E	23 30 12.0	E	23 30 47.0	0.08	0.8		150
	MAL	E	23 30 22.0	I	23 31 18.5				
	ALI	E	23 29 35.8		23 29 43.2				
	SSIS		23-JUN-1980 H/M/S= 23-29-28.2						
			LAT N=38-43.2 LONG W= 0-38.7 PROF= 20.0 KM MAG= 3.1						
			RMS= 0.08 ERH= 0.3 KM ERZ= 0.3 KM NES= 3 IO=						
	BAÑERES.A								
JUN 26									
	SPGM		26-JUN-1980 H/M/S= 02-42- 0.0						
			LAT N=35-18. LONG W= 3-42. PROF= KM MAG=						
			RMS= ERH= KM ERZ= KM NES= IO=						
	CABO QUILATES.MAC								
JUN 28	PTO	I C	03 55 50.6	I	3 55 54.5				
	COI		03 56 11.3						
	MTE	I	03 56 07.9		3 56 22.8				
	GUD	E	03 56 40.0						
	SSIS		28-JUN-1980 H/M/S= 3-55-48.5						
			LAT N=41-15.8 LONG W= 8-25.2 PROF= 5. KM MAG=						
			RMS= 1.42 ERH= 26.8 KM ERZ= 46.5 KM NES= 6 IO=						
	SANTO TIRSO.PORT								
JUN 29	PTO	I C	00 10 26.3	I	0 10 37.0				
	COI		00 10 34.5						
	MTE	I C	00 10 27.1		0 10 39.2				
	GUD	E	00 10 59.2						
	SSIS		29-JUN-1980 H/M/S= 0-10-14.8						
			LAT N=41- 8.4 LONG W= 7-43.0 PROF= 5.0 KM MAG=						
			RMS= 0.82 ERH= 9.9 KM ERZ= 16.9 KM NES= 6 IO=						
	PESO DA REGUA.PORT								

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
JUL	08	TOL	E	16	55	03.0	I	16	55	23.0				
		LGR	E	16	55	07.3	I	16	55	31.5	0.21	0.6		100
		GUD	I	16	54	57.1								160
		SSIS	08-JUL-1980 H/M/S= 16-54-42.0											
			LAT N=40-57.7 LONG W= 3-12.6 PROF= 5.0 KM MAG= 3.1											
			RMS= 1.54 ERH= 6.5 KM ERZ= 4.8 KM NES= 5 IO=											
		COGOLLUDO.GU												
JUL	12	CRT	I	04	29	478	I	4	29	1.7				
		MAL	E	04	30	03	I	4	30	8.0				
		ALC	I	04	29	47								
JUL	14	TOL	E	11	20	43								
		CRT	E	11	20	17								
		GUD	E	11	20	41								
		ALC	E	11	19	52								
JUL	15	CRT	I	17	38	164								
		MAL	E	17	38	448								
		ALC	I	17	38	161								
JUL	19	TOL	I	23	28	56.0	I	23	29	43.5	0.04	7		
		LGR	E	23	28	27.6								
		GUD	E	23	28	50.0								
		EBR	E	23	28	22.5		23	28	47.0				
		SSIS	19-JUL-1980 H/M/S= 23-27-54.0											
			LAT N=42-32.9 LONG W= 0-06.2 PROF= 5.0 KM MAG= 3.1											
			RMS= 0.95 ERH= KM ERZ= KM NES= 7 IO=											
		FABIAN.FR												

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
JUL	24	ALM	I	15	53	35.7								
		ALR	I	15	53	40.0	I	15	53	49.5				
		TOL	E	15	54	11.0								
		MAL	I	15	53	21.0					2.05	0.4		
		GUD	E	15	54	20.0	E	15	55	1.6				130
		ALC	E	15	53	27.5								
		SSIS	24-JUL-1980 H/M/S= 15-53-17.1											
			LAT N=36-43.7 LONG W= 3-53.6 PROF= 5. KM MAG= 3.3											
			RMS= 2.76 ERH= 17.7 KM ERZ= 25.0 KM NES= 8 IO=											
		NERJA.MA												
JUL	25	EBR	E	00	52	30.0	E	0	52	49.5				
		TOL	I	00	53	00.0	I	0	53	39.0				
		ALC	E	00	52	57.7								
		SSIS	25-JUL-1980 H/M/S= 0-52- 2.7											
			LAT N=39-15.1 LONG E= 0-29.7 PROF= 5.0 KM MAG= 3.											
			RMS= 1.44 ERH= 19.7 KM ERZ= 25.0 KM NES= 5 IO=											
		GOLFO DE VALENCIA												
JUL	27	EBR	E	07	15	15.								
		LGR	I	07	15	05.3	I	7	15	26.7				
		TOL	E	07	15	39.0	I	7	15	26.5				
		GUD	E	07	15	31.7	I	7	16	13.7				130
		SSIS	27-JUL-1980 H/M/S= 07-14-38.4											
			LAT N=42-53.8 LONG W= 0-28.0 PROF= 5. KM MAG= 3.1											
			RMS= 0.84 ERH= 11. KM ERZ= 13.9 KM NES= 7 IO=											
		CSEM	27-JUL-1980 H/M/S= 07-14-33.3											
			LAT N=43-09. LONG W= 0-25. PROF= KM MAG= 3.3											
			RMS= ERH= KM ERZ= KM NES= 1 IO=											
		BERDUN.HU												

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
AGO	01													
		SPGM		01-AGO-1980			H/M/S= 04-15-10.5							
				LAT N=38-48.			LONG W= 10-24.				PROF=	KM	MAG=	
				RMS=		ERH=	KM	ERZ=		KM	NES=		IO=	
		ATLANTICO												
AGO	03	ALC	I	01	07	07.1								
		MAL	I	01	06	57.5					0.15	0.3		
		TOL	I	01	07	21.2	E	1	8	18.0	0.04	0.5		200
		NKM	I	01	06	49.5	I	1	7	12.5				
		AVE	I	01	07	01.0	I	1	7	35.0				
		IFR	I	01	07	07.0	I	1	7	46.0				
		HAD	I	01	07	29.0	E	1	8	25.5				
		TIO	I	01	07	33.0	I	1	8	30.5				
		BME	I	01	07	33.5								
		SSIS		03-AGO-1980			H/M/S= 1- 6-14.6							
				LAT N=36-11.7			LONG W= 7-41.7				PROF= 5.0	KM	MAG= 3.3	
				RMS= 4.9		ERH= 7.1	KM	ERZ= 8.7		KM	NES= 15		IO=	
		SPGM		03-AGO-1980			H/M/S= 01-06-17.5							
				LAT N=36-00.			LONG W= 7-48.				PROF=	KM	MAG=	
				RMS=		ERH=	KM	ERZ=		KM	NES=		IO=	
		GOLFO DE CADIZ												

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
AGO	06	ALC	E	23	58	57.0	E	23	59	30.5				
		MAL	I	23	58	43.3					0.33	0.3		
		TOL	E	23	59	25.0					0.05	0.8		145
		GUD	I	23	59	34.9								170
		IFR	I	23	58	41.5	I	23	59	2.5				
		AVE	I	23	58	47.5	I	23	59	12.5				
		HAD	I	23	59	05.0	I	23	59	44.5				
		TIO	I	23	59	18.0	I	0	0	7.5				
		SSIS		06-AGO-1980			H/M/S= 23-58-11.1							
				LAT N=35-10.3			LONG W= 5-59.9				PROF= 5.0 KM		MAG= 3.2	
				RMS= 0.93			ERH= 5.6 KM				ERZ= 8.6 KM		NES= 13	IO=
		SPGM		06-AGO-1980			H/M/S= 23-58-12.0							
				LAT N=34-54.			LONG W= 6-06.				PROF=		KM	MAG=
				RMS=			ERH=				KM ERZ=		KM NES=	IO=
		LARACHE.MAC												
AGO	09	ALC	I	14	44	05.8								
		CRT	E	14	44	05.5								
		MAL	I	14	44	17.2		14	44	22.8	0.09	0.3		
		SSIS		09-AGO-1980			H/M/S= 14-44- 2.5							
				LAT N=37-11.5			LONG W= 3-50.1				PROF= 5. KM		MAG= 2.7	
				RMS= 1.47			ERH= 0.3 KM				ERZ= 0.3 KM		NES= 4	IO=
		SANTAFE.GR												
AGO	14	ALI	E	11	16	06.0	I	11	16	11.3				130
		CRT	E	11	16	47.0								
		LGR	E	11	17	10.7	E	11	17	49.2				
		SSIS		14-AGO-1980			H/M/S= 11-16- 2.5							
				LAT N=38-37.2			LONG W= 0-29.1				PROF= 13.1 KM		MAG= 3.	
				RMS= 2.41			ERH=				KM ERZ=		KM NES= 5	IO=
		ALCOY.A												

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
AGO	18	EBR	E	03	46	19.0								
		ALC	I	03	45	20.0								
		ALI	E	03	45	57.0	E	3	47	23.0	1.33	0.5		200
		ALM	I	03	45	30.4	I	3	46	36.9	1.26	1.0		206
		CRT	I D	03	45	20.8	I	3	46	20.0				
		MAL	I	03	45	09.0					1.72	0.4		360
		LGR	I D	03	46	08.0					0.41	0.8		
		TOL	I C	03	45	31.0					0.70	0.4		450
		SFS	I	03	44	50.3								
		ALR	I	03	45	25.8								
		STS	I D	03	45	41.0								
		GUD	I D	03	45	37.0								370
		AVE	I	03	44	48.6	I	3	45	23.0				
		NKM	I	03	44	58.0								
		IFR	I	03	45	07.0	I	3	45	55.0				
		TIO	I	03	45	15.5	I	3	46	11.0				
		YBT	I	03	45	21.0								
		HAD	I	03	45	25.0	I	3	46	29.0				

SSIS 18-AGO-1980 H/M/S= 3-43-59.3
LAT N=35-31.1 LONG W= 9-56.1 PROF= 5.0 KM MAG= 4.9
RMS= 1.3 ERH= 10.7 KM ERZ= 13.4 KM NES= 25 IO= III

SPGM 18-AGO-1980 H/M/S= 03-44- 3.0
LAT N=35-36. LONG W= 10-18. PROF= KM MAG=
RMS= ERH= KM ERZ= KM NES= IO=

CSEM 18-AGO-1980 H/M/S= 03-43-58.3
LAT N=35-33.6 LONG W= 10-19.8 PROF= KM MAG=
RMS= ERH= KM ERZ= KM NES= 36 IO=

ATLANTICO
III HUELVA

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
AGO	21	ALM	I	10	23	25.9		10	23	39.6	0.90	0.7		33
		CRT	E	10	23	36.0								
		MAL	E	10	23	38.5								
		ALR	I	10	23	23.0	E	10	23	28.0				
		SSIS	21-AGO-1980				H/M/S= 10-23-16.1							
			LAT N=36-16.7				LONG W= 2-56.0			PROF= 5.0 KM			MAG= 3.	
			RMS= 1.18				ERH= 15.5 KM			ERZ= 96.3 KM		NES= 6	IO=	
		ALBORAN												
AGO	28	MAL	I	04	53	11.8					0.13	0.3		80
		LGR	E	04	54	23.0								
		GUD	E	04	53	50.0								190
		AVE	I	04	53	19.5	I	4	53	53.0				
		IFR	I	04	53	23.0	I	4	54	1.5				
		HAD	I	04	53	47.0								
		SSIS	28-AGO-1980				H/M/S= 4-52-33.9							
			LAT N=36-11.3				LONG W= 7-17.2			PROF= 5.0 KM			MAG= 3.	
			RMS= 0.65				ERH= 8.7 KM			ERZ= 12.8 KM		NES= 8	IO=	
		SPGM	28-AGO-1980				H/M/S= 04-52-34.8							
			LAT N=36-00.0				LONG W= 7-48.			PROF= KM			MAG=	
			RMS=				ERH= KM			ERZ= KM		NES=	IO=	
		GOLFO DE CADIZ												
SEP	02	ALM	I	08	59	07.3								
		ALC	I	08	59	11.	E	8	59	11.0				
		CRT	E	08	59	27.								

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
SEP 08	TOL	E	02 03 54.5	E	2 4 38.5	0.04	0.6		120
	MAL	I C	02 03 12.5			0.67	0.3		40
	ALC	E	02 03 25.1	E	2 3 40.5				
	SSIS	08-SEP-1980		H/M/S= 2- 3-10.4					
		LAT N=36-43.7		LONG W= 4-24.5	PROF= 5.0 KM			MAG= 2.8	
		RMS= 2.67	ERH= 55.7 KM	ERZ= 31.1 KM	NES= 5			IO=	
	MALAGA								
SEP 17	TOL	I	04 57 06.5			0.05	0.4		140
	EBR	E	04 56 54.0	E	4 57 18.0				
	GUD	E	04 57 11.0						160
	SSIS	17-SEP-1980		H/M/S= 4-56-30.0					
		LAT N=40- 0.1		LONG W= 0-58.5	PROF= 10.0 KM			MAG= 3.	
		RMS= 0.98	ERH= 0.3 KM	ERZ= 0.3 KM	NES= 3			IO=	
	TORRIJAS.TE								
SEP 22	ALM	I	13 35 12.4						
	SSIS	22-SEP-1980		H/M/S= 13-35-12.4					
		LAT N=36-51.		LONG W= 2-27.0	PROF= KM			MAG= 2.6	
		RMS=	ERH= KM	ERZ= KM	NES=			IO= III	
	ALMERIA								
	LOCALIZACION MACROSISMICA								

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
SEP 27	ALI	E	19 40 03.1			1.30	0.8		210
	ALR	I	19 39 30.4	I	19 39 42.8				43
	TOL	I	19 40 05.5			1.48	1.0		270
	MAL	I	19 39 33.7			1.81	0.5		150
	ALC	I	19 39 25.2						
	LGR	E	19 40 41.0			0.37	1.3		250
	EBR	E	19 40 34.0	E	19 41 28.0				
	CRT	I D	19 39 25.6	I	19 39 33.6				
	GUD	I	19 40 16.0	E	19 41 3.3				290
	IFR	I	19 40 12.0	E	19 40 52.5				
	HAD	E	19 40 30.0	I	19 41 25.0				
	SSIS		27-SEP-1980	H/M/S= 19-39-16.5					
			LAT N=36-44.5	LONG W= 3-17.1		PROF= 5. KM		MAG= 4.3	
			RMS= 1.04	ERH= 4.1 KM	ERZ= 3.8 KM		NES= 17	IO= IV	
	CSEM		27-SEP-1980	H/M/S= 19-39-16.6					
			LAT N=36-42.6	LONG W= 3-21.6		PROF= 10. KM		MAG=	
			RMS=	ERH=	KM ERZ=	KM	NES= 7	IO=	
	LA RABITA.GR								
	IV BERJA,ADRA								
	III DALIAS,DARRICAL								
SEP 28	ALI	E	06 03 36.0	E	6 3 48.5	2.85	1.0		110
	TOL	I	06 04 13.0		6 4 46.5	0.10	0.9		175
	MAL	E	06 04 21.5		6 5 5.5	0.06	0.7		90
	GUD	E	06 04 23.1	E	6 5 3.0				150
	SSIS		28-SEP-1980	H/M/S= 6- 3-29.6					
			LAT N=38-21.4	LONG W= 0-56.1		PROF= 5. KM		MAG= 3.1	
			RMS= 1.30	ERH= 0.3 KM	ERZ= 0.3 KM		NES= 4	IO=	
	ASPE.A								

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
SEP 28	ALM	I	15 29 20.4	I	15 29 5.1	0.83			
	TOL	E	15 30 12.5	I	15 30 45.0				
	MAL	I	15 29 33.5	I	15 29 18.5				
	ALC	I	15 29 24.1	I	15 29 7.8				
	CRT	I	15 29 24.4	I	15 29 8.4				
	GUD	E	15 30 43.3						
	SSIS		28-SEP-1980 H/M/S= 15-29-12.4						
			LAT N=37-02.8 LONG W= 2-47.6 PROF= 40. KM MAG= 2.5						
			RMS= 0.01 ERH= KM ERZ= KM NES= 4 IO= III						
	PADULES.AL								
	III BERJA								
SEP 28	ALM	I	17 17 01.7	I	17 17 6.8	0.47	0.7		35
	ALC	I	17 17 06.0						
	CRT	I	17 17 06.0	I	17 17 13.3				
	SSIS		28-SEP-1980 H/M/S= 17-16-54.8						
			LAT N=36-56.0 LONG W= 2-55.5 PROF= 5. KM MAG= 2.4						
			RMS= 0.35 ERH= 22.1 KM ERZ= 39.7 KM NES= 5 IO=						
	BERJA.AL								
OCT 03	ALM	I	08 58 45.2	I	8 58 50.1	0.52	0.8		30
	CRT	I	08 58 58.0						
	GUD	E	08 59 42.3						
	SSIS		03-OCT-1980 H/M/S= 8-58-41.2						
			LAT N=37-11.1 LONG W= 2-27.4 PROF= 5.0 KM MAG= 2.4						
			RMS= 2.57 ERH= 0.3 KM ERZ= 0.3 KM NES= 4 IO= III						
	GERGAL.AL								
	III ALMERIA,BERJA								

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
OCT	04	MAL	I	16	28	32.0	I	16	28	19.0				
		ALM	I	16	29	05.1	I	16	29	4.9				
		CRT	E	16	28	42.								
		GUD	E	16	29	17.0								

III ALMERIA,BERJA

OCT	06	STS	I	23	04	43.3	I	23	4	17.3				
		GUD	I	23	05	31.7								

SSIS 06-OCT-1980 H/M/S= 23-04-32.3
LAT N=42-20. LONG W= 8-40. PROF= KM MAG= 3.4
RMS= ERH= KM ERZ= KM NES= IO= V

PONTEVEDRA
LOCALIZACION MACROSISMICA
V MARIN,BUEN,CANGAS

OCT 08

SPGM 08-OCT-1980 H/M/S= 01-10-56.5
LAT N=35-36.0 LONG W= 5-36. PROF= KM MAG=
RMS= ERH= KM ERZ= KM NES= IO=

TETUAN.MAC

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
OCT 10	EPF		12 27 06.4						
	LRG		12 27 23.3						
	CVF		12 27 27.2		12 28 56.8				
	LPO		12 27 28.0						
	CAF		12 27 31.3						
	TOL	I D	12 26 48.0						
	ACU	I	12 26 08.0						660
	MAL	I	12 26 35.6						
	ALM	I D	12 26 12.9						
	ALR	I	12 26 18.3						
	SFS	I	12 26 57.0						
	CRT	I D	12 26 28.0						
	EBR	E	12 26 35.0						
	GUD	I	12 26 55.8						
	IFR	I	12 26 52.5						
	HAD	I	12 26 59.0						
	BMB	E	12 27 07.0						
	AVE	I	12 27 19.0						
	TIO	I	12 27 34.0						

SSIS 10-OCT-1980 H/M/S= 12-25-23.9
LAT N=36-10.0 LONG E= 1-27.0 PROF= 5.0 KM MAG= 5.5
RMS= 0.85 ERH= 7.3 KM ERZ= 61.2 KM NES= 18 IO= III

SPGM 10-OCT-1980 H/M/S= 12-25-17.8
LAT N=36-07.8 LONG E= 1-24.6 PROF= 10. KM MAG=
RMS= ERH= KM ERZ= KM NES= IO=

LDG 10-OCT-1980 H/M/S= 12-25-28.8
LAT N=36-24. LONG E= 1-42. PROF= KM MAG= 6.2
RMS= ERH= KM ERZ= KM NES= IO=

NEIS 10-OCT-1980 H/M/S= 12-25-23.7
LAT N=36-08.6 LONG E= 1-24.8 PROF= 10. KM MAG= 6.3
RMS= 1.3 ERH= KM ERZ= KM NES= IO=

CSEM 10-OCT-1980 H/M/S= 12-25-26.7
LAT N=36-07.8 LONG E= 1-20.4 PROF= KM MAG= 6.7
RMS= ERH= KM ERZ= KM NES= IO=

ORLEANSVILLE.ARG
III GRANADA,JAEN,MURCIA

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
OCT	10	EPF		12	38	51.1								
		LFF		12	39	16.2								
		CAF		12	39	16.6								
		LRG		12	39	08.8								
		CVF		12	39	13.0								
		TOL	E	12	38	09.5	2E	12	38	39.5				
		ACU	I	12	37	53.5								
		SSIS	10-OCT-1980 H/M/S= 12-37-53.5											
			LAT N= - . LONG E= 0- . PROF= KM MAG=											
			RMS= ERH= KM ERZ= KM NES= IO=											
		LDG	10-OCT-1980 H/M/S= 12-37-17.8											
			LAT N=36-42. LONG E= 1-36.0 PROF= KM MAG= 4.9											
			RMS= ERH= KM ERZ= KM NES= IO=											
		NEIS	10-OCT-1980 H/M/S= 12-37- 9.5											
			LAT N=36-16. LONG E= 1-41.1 PROF= 10. KM MAG= 5.7											
			RMS= 1.1 ERH= KM ERZ= KM NES= 43 IO=											
		CSEM	10-OCT-1980 H/M/S= 12-37-14.0											
			LAT N=36-19.8 LONG E= 1-37.2 PROF= KM MAG= 5.5											
			RMS= ERH= KM ERZ= KM NES= 82 IO=											
		LES AUATS.ARG												
OCT	10	TOL	E	13	03	02.0								
		ALM	I	13	02	25.3		13	3	1.7	7.28	1.9		269
		CRT	E	13	02	41.0								
		GUD	E	13	03	10.0								
		SSIS	10-OCT-1980 H/M/S= 13- 1-45.2											
			LAT N=36-17.5 LONG E= 0-48.0 PROF= 20.0 KM MAG= 3.4											
			RMS= 0.87 ERH= 0.3 KM ERZ= 0.3 KM NES= 4 IO=											
		LEGUELTA.ARG												

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
OCT 10	EPF		14 14 10.2		14 15 20.6				
	LFF		14 14 35.2						
	CAF		14 14 35.2						
	CVF		14 14 30.2						
	TOL	I D	14 13 52.5		14 14 54.0	0.36	1.0		270
	ACU	I	14 13 12.0		14 13 43.0				
	MAL	I	14 13 41.3			0.50	0.9		210
	ALM	I D	14 13 18.2		14 13 54.8	1.18	1.4		261
	ALR	E	14 13 24.0		14 14 9.5				
	CRT	I C	14 13 31.0						
	EBR	E	14 13 39.5						
	GUD	I	14 14 00.0						
	IFR	I	14 13 56.5	E	14 15 3.0				
	HAD	E	14 14 02.0						

SSIS 10-OCT-1980 H/M/S= 14-12-28.8
LAT N=36-13.9 LONG E= 1-32.2 PROF= 16.4 KM MAG= 4.1
RMS= 1.31 ERH= 10.0 KM ERZ= 15.0 KM NES= 20 IO=

LDG 10-OCT-1980 H/M/S= 14-12-39.7
LAT N=36-54. LONG E= 2-00.0 PROF= KM MAG= 4.2
RMS= ERH= KM ERZ= KM NES= IO=

NEIS 10-OCT-1980 H/M/S= 14-12-26.1
LAT N=36-00.7 LONG E= 1-24.0 PROF= 10. KM MAG= 4.5
RMS= 1.2 ERH= KM ERZ= KM NES= 23 IO=

CSEM 10-OCT-1980 H/M/S= 14-12-27.7
LAT N=36-04.8 LONG E= 1-09.0 PROF= 10. KM MAG= 4.3
RMS= ERH= KM ERZ= KM NES= 31 IO=

OUED-FODDA.ARG

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
OCT	10	TOL	E	14	39	43.5		14	40	45.0				140
		CRT	E	14	39	25.0								
		EBR		14	39	28.0								
		GUD	E	14	39	50.0								

SSIS 10-OCT-1980 H/M/S= 14-38-22.3
LAT N=36-32.5 LONG E= 1-27.3 PROF= 5.0 KM MAG= 3.1
RMS= 0.47 ERH= 26.1 KM ERZ= 35.0 KM NES= 5 IO=

TENES.ARG

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
OCT	10	EPF		14	46	34.5		14	47	45.4				
		LFF		14	46	58.9		14	48	29.0				
		CAF		14	46	58.8		14	48	29.2				
		LRG		14	46	51.1		14	48	15.8				
		CVF		14	46	56.2								
		TOL	E	14	46	17.5	I	14	47	15.0	0.10	0.4		500
		ACU	I	14	45	37.								210
		STS	I C	14	47	19.5								311
		MAL	I	14	46	04.0					2.83	0.5		480
		ALM	I	14	45	42.1	I	14	46	18.2	5.59	1.3		562
		ALR	I	14	45	49.3								
		SFS	I	14	46	26.5								
		CRT	I D	14	45	58.0								
		EBR	E	14	46	03.0								
		GUD		14	46	25.1								
		IFR	E	14	46	25.0								
		AVE	E	14	46	47.0								

SSIS 10-OCT-1980 H/M/S= 14-44-55.0
LAT N=36-26.6 LONG E= 1-21.2 PROF= 5.0 KM MAG= 5.1
RMS= 1.45 ERH= 7.3 KM ERZ= 9.7 KM NES= 23 IO=

LDG 10-OCT-1980 H/M/S= 14-44-58.0
LAT N=36-30. LONG E= 1-30. PROF= KM MAG= 4.7
RMS= ERH= KM ERZ= KM NES= IO=

NEIS 10-OCT-1980 H/M/S= 14-44-52.4
LAT N=36-13.9 LONG E= 1-26.8 PROF= 10. KM MAG= 5.2
RMS= 1. ERH= KM ERZ= KM NES= 86 IO=

CSEM 10-OCT-1980 H/M/S= 14-44-57.3
LAT N=36-19.8 LONG E= 1-21.6 PROF= KM MAG= 5.0
RMS= ERH= KM ERZ= KM NES= IO=

TENES.ARG

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
OCT	10	TOL	E	15	20	15.5	E	15	21	14.5	0.14	1.0		180
		CRT	E	15	19	53.0								
		EBR	E	15	19	59.0								
		GUD		15	20	22.3								

SSIS 10-OCT-1980 H/M/S= 15-18-51.9
LAT N=36-18.7 LONG E= 1-16.6 PROF= 5.0 KM MAG= 3.8
RMS= 1.04 ERH= 29.6 KM ERZ= 39.4 KM NES= 5 IO=

CHASSERIAU.ARG
REPLICA DEL SISMO ANTERIOR

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
OCT	10	EPF		15	27	20.5								
		LFF		15	27	45.7								
		CAF		15	27	45.6								
		LRG		15	27	38.3		15	29	7.0				
		CVF		15	27	44.7		15	29	17.8				
		LGR	I C	15	27	23.2		15	28	39.7	0.46	1.4		300
		TOL	I C	15	27	02.5		15	28	7.0	0.44	1.0		320
		ACU		15	26	23.0								120
		MAL	I C	15	26	48.5								150
		ALM	I C	15	26	26.1		15	27	1.3	1.11	1.2		350
		ALR	I	15	26	30.0								
		CRT	I C	15	26	40.0								
		EBR	E	15	26	50.0								
		GUD	E	15	27	10.0								
		IFR	I	15	27	06.0								

SSIS 10-OCT-1980 H/M/S= 15-25-37.0
LAT N=36- 1.8 LONG E= 1-21.6 PROF= 5.0 KM MAG= 4.2
RMS= 1.25 ERH= 8.2 KM ERZ= 11.0 KM NES= 20 IO=

LDG 10-OCT-1980 H/M/S= 15-25-42.9
LAT N=36-24. LONG E= 1-12. PROF= KM MAG= 4.6
RMS= ERH= KM ERZ= KM NES= IO=

NEIS 10-OCT-1980 H/M/S= 15-25-35.9
LAT N=35-56.9 LONG E= 1-19.8 PROF= 10. KM MAG= 4.4
RMS= 1.0 ERH= KM ERZ= KM NES= 21 IO=

CSEM 10-OCT-1980 H/M/S= 15-25-39.2
LAT N=36-07.2 LONG E= 1-11.4 PROF= 10. KM MAG= 4.5
RMS= ERH= KM ERZ= KM NES= 51 IO=

MASSENA.ARG

				P				S					
MES	DIA	STA	PRK	H	M	S	SRM	H	M	S	AMP	PER	STA-COR	DUR
OCT	10	EPF		15	38	33.7		15	39	46.5				
		LFF		15	38	58.9								
		CAF		15	38	58.8								
		LRG		15	38	49.8		15	40	13.7				
		CVF		15	38	54.4								
		LGR	I C	15	38	37.7								
		TOL	I C	15	38	19.5	I	15	39	22.5	0.20	1.0		
		MAL	I	15	38	09.5								
		ALM	I C	15	37	48.0					0.66	1.1		132
		ALR	E	15	37	53.5	I	15	38	38.0				
		CRT	I	15	38	00.0								
		EBR	E	15	38	03.0								
		GUD	I	15	38	27.8								

SSIS 10-OCT-1980 H/M/S= 15-36-55.2
LAT N=36-25.0 LONG E= 1-41.2 PROF= 4. KM MAG= 4.0
RMS= 0.63 ERH= 5.2 KM ERZ= 6.5 KM NES= 17 IO=

LDG 10-OCT-1980 H/M/S= 15-36-57.1
LAT N=36-30. LONG E= 1-54. PROF= KM MAG= 4.5
RMS= ERH= KM ERZ= KM NES= IO=

NEIS 10-OCT-1980 H/M/S= 15-36-52.2
LAT N=36-12.7 LONG E= 1-43.8 PROF=10 . KM MAG= 4.5
RMS= 1.1 ERH= KM ERZ= KM NES= 28 IO=

CSEM 10-OCT-1980 H/M/S= 15-36-56.6
LAT N=36-25.2 LONG E= 1-40.2 PROF=10 . KM MAG= 4.5
RMS= ERH= KM ERZ= KM NES= 52 IO=

SOUK ET TNINE.ARG

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
OCT 10	EPF		15 40 51.8						
	LFF		15 41 16.6						
	CAF		15 41 16.9						
	LRG		15 41 08.7						
	CVF		15 41 13.0		15 42 43.1				
	LGR	I D	15 40 55.7		15 42 12.9				
	TOL	I D	15 40 35.5						
	ACU	I	15 39 56.0						360
	STS	I D	15 41 37.5						
	MAL	I	15 40 24.3						
	ALM	I	15 40 01.6						999
	ALR	I	15 40 07.5						
	SFS	I	15 40 44.5						
	CRT	I	15 40 16.0						
	EBR	E	15 40 21.0						
	GUD	E	15 40 44.7						
	IFR	I	15 40 42.0						
	AVE	E	15 41 06.0						

SSIS 10-OCT-1980 H/M/S= 15-39- 9.2
LAT N=36- 6.8 LONG E= 1-44.5 PROF= 5.0 KM MAG= 5.2
RMS= 0.82 ERH= 6.4 KM ERZ= 12.1 KM NES= 20 IO=

LDG 10-OCT-1980 H/M/S= 15-39-15.3
LAT N=36-30. LONG E= 1-36. PROF= KM MAG= 5.6
RMS= ERH= KM ERZ= KM NES= IO=

NEIS 10-OCT-1980 H/M/S= 15-39- 9.8
LAT N=36-12.6 LONG E= 1-37.9 PROF= 10. KM MAG= 6.0
RMS= 1.1 ERH= KM ERZ= KM NES= IO=

CSEM 10-OCT-1980 H/M/S= 15-39-13.2
LAT N=36-13.8 LONG E= 1-32.4 PROF= KM MAG= 6.0
RMS= ERH= KM ERZ= KM NES= IO=

SPGM 10-OCT-1980 H/M/S= 15-39- 6.0
LAT N=36-12. LONG E= 1-37.8 PROF= KM MAG=
RMS= ERH= KM ERZ= KM NES= IO=

LES AUATS.ARG
III GRANADA

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
OCT	10	TOL	E	16	14	19.0					0.05	0.6		190
		CRT	E	16	14	04.0	E	16	14	53.0				
		EBR	E	16	14	09.0								
		GUD	E	16	14	26.2								

SSIS 10-OCT-1980 H/M/S= 16-13-17.5
LAT N=37-28.1 LONG E= 0- 8.6 PROF= 10.0 KM MAG= 3.2
RMS= 0.09 ERH= 0.3 KM ERZ= 0.3 KM NES= 4 ID=

MEDITERRANEO

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
OCT	10	CRT	E	17	09	15.0								
		EBR		17	09	24.0								
		GUD	E	17	09	42.0								

SSIS 10-OCT-1980 H/M/S= 17- 8-29.5
LAT N=37-11.5 LONG E= 0- 5.3 PROF= 10.0 KM MAG=
RMS= 0.84 ERH= 0.3 KM ERZ= 0.3 KM NES= 3 ID=

MEDITERRANEO

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
OCT	10	EPF		17	16	58.8		17	18	9.6				
		LFF		17	17	23.0		17	18	56.4				
		CAF		17	17	23.1		17	18	54.4				
		LRG		17	17	14.2		17	18	39.0				
		CVF		17	17	18.9		17	18	47.1				
		TOL	E	17	16	45.0		17	17	45.5	0.04	0.8	160	
		ACU		17	16	01.8								60
		ALM	I	17	16	09.8					0.25	0.8		66
		MAL	I D	17	16	38.6								
		ALR	E	17	16	16.0	I	17	17	2.0				
		CRT	E	17	16	25.0								
		GUD	E	17	16	51.6								
		IFR	E	17	16	50.0								
		HAD	I	17	16	56.0								

SSIS 10-OCT-1980 H/M/S= 17-15-18.7
LAT N=36-23.3 LONG E= 1-43.0 PROF= 10. KM MAG= 3.5
RMS= 1.21 ERH= 6.5 KM ERZ= 8.8 KM NES= 21 IO=

LDG 10-OCT-1980 H/M/S= 17-15-20.9
LAT N=36-24. LONG E= 1-48. PROF= KM MAG= 4.0
RMS= ERH= KM ERZ= KM NES= IO=

NEIS 10-OCT-1980 H/M/S= 17-15-20.8
LAT N=36-27.7 LONG E= 1-22.3 PROF= 10. KM MAG= 4.1
RMS= 1. ERH= KM ERZ= KM NES= 8 IO=

CSEM 10-OCT-1980 H/M/S= 17-15-17.4
LAT N=36-12.0 LONG E= 1-44.4 PROF= 10. KM MAG= 4.0
RMS= ERH= KM ERZ= KM NES= 24 IO=

SOUK ET TNINE.ARG

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
OCT	10	TOL	E	17	20	06.0	E	17	21	8.0	0.05	1.0		160
		MAL	E	17	19	52.0								
		ALR	I	17	19	34.5	I	17	20	21.5				
		CRT	E	17	19	43.0								
		EBR	E	17	19	46.0								
		GUD		17	20	10.0								

SSIS 10-OCT-1980 H/M/S= 17-18-35.3
LAT N=36- 9.6 LONG E= 1-49.7 PROF= 5.0 KM MAG= 3.3
RMS= 1.13 ERH= 37.4 KM ERZ= 43.0 KM NES= 8 IO=

LES AUATS.ARG

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
OCT 10	EPF		17 34 42.9						
	LFF		17 35 07.7						
	CAF		17 35 08.0						
	LRG		17 35 00.0		17 36 27.5				
	CVF		17 35 05.1		17 36 36.5				
	LGR	I C	17 34 44.7			2.24	1.7		626
	TOL	I C	17 34 24.8	E	17 35 31.0	0.83	0.6		550
	ACU	I	17 33 44.6		17 34 18.0				195
	MAL	I D	17 34 10.8						
	ALM	I C	17 33 48.2			6.55	1.3		675
	ALR	I	17 33 55.0	I	17 34 36.0				
	CRT	I D	17 34 04.0						
	EBR	E	17 34 11.5						
	GUD	I	17 34 32.7						
	IFR	I	17 34 28.5	I	17 35 33.0				
	HAD	I	17 34 35.0						
	AVE	I	17 34 54.5						

SSIS 10-OCT-1980 H/M/S= 17-32-59.9
LAT N=36- 2.8 LONG E= 1-29.1 PROF= 13.2 KM MAG= 4.7
RMS= 0.96 ERH= 5.4 KM ERZ= 8.1 KM NES= 23 IO=

LDG 10-OCT-1980 H/M/S= 17-33- 5.4
LAT N=36-24. LONG E= 1-24. PROF= KM MAG= 4.8
RMS= ERH= KM ERZ= KM NES= IO=

NEIS 10-OCT-1980 H/M/S= 17-32-59.1
LAT N=36-03.1 LONG E= 1-21.2 PROF= 10. KM MAG= 5.4
RMS= 1.3 ERH= KM ERZ= KM NES= 99 IO=

CSEM 10-OCT-1980 H/M/S= 17-33- 2.0
LAT N=36-06.6 LONG E= 1-16.8 PROF= 10. KM MAG= 5.2
RMS= ERH= KM ERZ= KM NES= IO=

SPGM 10-OCT-1980 H/M/S= 17-33- 7.0
LAT N=35-57.1 LONG E= 1-05.2 PROF= KM MAG=
RMS= ERH= KM ERZ= KM NES= IO=

ORLEANSVILLE.ARG

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
OCT	10	ALR	I	18	08	33.5	I	18	9	16.0				
		CRT	E	18	08	41.0								
		EBR	E	18	08	42.0								
		GUD	E	18	09	10.0								
		SSIS	10-OCT-1980 H/M/S= 18- 7-29.5											
			LAT N=36- 5.0 LONG E= 2-13.3 PROF= 10.0 KM MAG= 3.1											
			RMS= 0.72 ERH= 0.3 KM ERZ= 0.3 KM NES= 4 IO=											
		PON DU KAID.ARG												
OCT	10	LGR	E	18	47	13.7	I	18	48	31.7				
		TOL	E	18	46	56.5	I	18	47	57.5	0.04	0.8		200
		ALM	I D	18	46	22.1	I	18	46	56.7	0.26	0.8		83
		ALR	I	18	46	26.5	I	18	47	9.0				
		CRT	E	18	46	35.0								
		EBR	E	18	46	42.0								
		GUD	E	18	47	02.0								
		HAD	I	18	47	07.5								
		SSIS	10-OCT-1980 H/M/S= 18-45-33.2											
			LAT N=36-14.8 LONG E= 1-17.6 PROF= 5.0 KM MAG= 3.2											
			RMS= 0.85 ERH= 13.9 KM ERZ= 18.2 KM NES= 12 IO=											
		ORLEANSVILLE.ARG												

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
OCT 10	TOL	E	18 51 29.	I	18 51 10.5				
	MAL	I	18 50 39.5						
	ALM	I	18 49 08.6	I	18 49 33.9				
	ALR	E	18 49 32.	E	18 49 43.0				
	CRT	E	18 49 41.						
	EBR		18 49 44.						
	EPF		19 09 41.4		19 10 52.2				
	LFF		19 10 06.2		19 11 36.6				
	CAF		19 10 06.2		19 11 37.5				
	LRG		19 09 58.0		19 11 21.6				
	CVF		19 10 02.0						
	LGR	I C	19 09 45.2			1.17	1.3		600
	TOL	I D	19 09 25.5	E	19 10 28.0	0.28	0.8		500
	ACU	I	19 08 45.0		19 9 16.5				210
	STS	I D	19 10 29.5						
	MAL	E	19 09 16.0			1.70	0.5		480
	ALM	I	19 08 52.9			3.60	1.2		999
	ALR	I	19 08 58.0						
	SFS	E	19 09 37.0						
	CRT	I C	19 09 07.0						
	EBR	E	19 09 10.5						
	GUD	I	19 09 33.7						
	IFR	I	19 09 34.0						
	HAD	I	19 09 41.5						
	AVE	E	19 09 59.0						

SSIS 10-OCT-1980 H/M/S= 19- 8- 2.5
LAT N=36-26.5 LONG E= 1-36.4 PROF= 5.0 KM MAG= 4.8
RMS= 1.15 ERH= 6.5 KM ERZ= 10.5 KM NES= 25 IO=

LDG 10-OCT-1980 H/M/S= 19-08- 5.8
LAT N=36-36. LONG E= 1-48. PROF= KM MAG= 4.8
RMS= ERH= KM ERZ= KM NES= IO=

NEIS 10-OCT-1980 H/M/S= 19-08- 1.3
LAT N=36-20.6 LONG E= 1-35.4 PROF=10 . KM MAG= 5.2
RMS= 1.1 ERH= KM ERZ= KM NES= 76 IO=

CSEM 10-OCT-1980 H/M/S= 19-08- 1.3
LAT N=36-25.2 LONG E= 1-31.2 PROF= KM MAG= 5.0
RMS= ERH= KM ERZ= KM NES= IO=

SOUK ET TNINE.ARG

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
OCT 10	EPF		20 24 20.8						
	LFF		20 24 45.4						
	CAF		20 24 45.9						
	LRG		20 24 37.7						
	TOL	I	20 24 09.5			0.14	0.9		220
	MAL	E	20 23 55.5						
	ALM	I D	20 23 32.8	I	20 24 8.8	0.42	1.0		192
	ALR	I	20 23 38.5	I	20 24 23.5				
	CRT	I C	20 23 49.0						
	EBR	E	20 23 50.0						
	GUD	I	20 24 14.3						
	AVE		20 24 39.0						
	SSIS		10-OCT-1980 H/M/S= 20-22-43.0						
			LAT N=36-24.0 LONG E= 1-30.9 PROF= 5.0 KM					MAG= 3.8	
			RMS= 1.50 ERH= 20.8 KM ERZ= 23.2 KM NES= 14					IO=	
	LDG		10-OCT-1980 H/M/S= 20-22-46.0						
			LAT N=36-36. LONG E= 1-36. PROF= KM					MAG= 4.0	
			RMS= ERH= KM ERZ= KM NES=					IO=	
	NEIS		10-OCT-1980 H/M/S= 20-22-42.2						
			LAT N=36-15.9 LONG E= 1-28.9 PROF=10 . KM					MAG= 4.6	
			RMS= 1.2 ERH= KM ERZ= KM NES= 13					IO=	
	CSEM		10-OCT-1980 H/M/S= 20-22-43.4						
			LAT N=36-25.2 LONG E= 1-37.8 PROF=10 . KM					MAG= 4.4	
			RMS= ERH= KM ERZ= KM NES= 27					IO=	
	SOUK ET TNINE.ARG								
OCT 10	TOL	E	20 32 12.0			0.01	0.8		125
	ALM	I D	20 31 38.8	I	20 31 51.9	0.20	0.4		45
	ALR	E	20 31 24.0						
	CRT	E	20 31 37.0						
	HAD	I	20 32 10.0						
	SSIS		10-OCT-1980 H/M/S= 20-31-11.8						
			LAT N=35-47.9 LONG W= 3-53.1 PROF= 10.0 KM					MAG= 3.3	
			RMS= 0.76 ERH= 18.2 KM ERZ= 44.8 KM NES= 5					IO=	
	ALBORAN								

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
OCT	10	TOL	I	21	22	43.5	E	21	23	45.5	0.07	0.5		
		ALM	I	21	22	13.8		21	22	45.9	0.36	1.3		90
		ALR	I	21	22	15.5		21	22	57.5				
		CRT	E	21	22	23.0								
		EBR	E	21	22	29.5		21	23	24.0				
		GUD	I	21	22	49.2								

SSIS 10-OCT-1980 H/M/S= 21-21-22.5
LAT N=36-18.5 LONG E= 1-15.6 PROF= 5.0 KM MAG= 3.7
RMS= 1.59 ERH= 31.7 KM ERZ= 32.4 KM NES= 10 IO=

NEIS 10-OCT-1980 H/M/S= 21-21-16.8
LAT N=36-08.8 LONG E= 1-28.7 PROF=10 . KM MAG= 4.3
RMS= 0.8 ERH= KM ERZ= KM NES= 6 IO=

CSEM 10-OCT-1980 H/M/S= 21-21-21.2
LAT N=36-18. LONG E= 1-36.6 PROF=10 . KM MAG= 4.2
RMS= ERH= KM ERZ= KM NES= 13 IO=

CHASSERIAU.ARG

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
OCT	10	TOL	E	22	35	58.0		22	37	5.0	0.03	0.8		115
		ALM	I	22	35	27.0		22	36	1.9	0.16	1.0		86
		ALR	E	22	35	31.5		22	36	11.5				
		CRT	E	22	35	39.0								
		EBR	E	22	35	44.0								
		GUD	E	22	36	05.9								
		IFR	I	22	36	06.0	I	22	38	8.0				
		HAD	I	22	36	12.5	I	22	37	56.0				

SSIS 10-OCT-1980 H/M/S= 22-34-37.6
LAT N=36-25.2 LONG E= 1-20.5 PROF= 10.0 KM MAG= 3.2
RMS= 0.74 ERH= 13.8 KM ERZ= 33.9 KM NES= 8 IO=

TENES.ARG.

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
OCT 10	TOL	E	23 38 15.0						125
	CRT	E	23 38 02.0						
	EBR		23 38 13.0						
	SSIS		10-OCT-1980 H/M/S= 23-37-26.1						
			LAT N=37-56.5 LONG W= 0-55.1 PROF= 10.0 KM MAG= 2.8						
			RMS= 0.59 ERH= 0.3 KM ERZ= 0.3 KM NES= 3 IO=						
	SUCINA.MU								
OCT 10	TOL	E	23 57 01.5			0.05	0.6		
	ACU	I	23 56 19.0						60
	MAL	E	23 56 51.0						
	ALM	I	23 56 31.8	I	23 57 5.8	0.27	1.0		105
	CRT	E	23 56 43.0						
	EBR	E	23 56 45.0						
	GUD	I	23 57 09.1						
	IFR	I	23 57 08.0						
	HAD	I	23 57 15.0						
	SSIS		10-OCT-1980 H/M/S= 23-55-38.8						
			LAT N=36-28.9 LONG E= 1-31.6 PROF= 5.0 KM MAG= 3.6						
			RMS= 1.31 ERH= 18.0 KM ERZ= 27.4 KM NES= 10 IO=						
	NEIS		10-OCT-1980 H/M/S= 23-55-35.2						
			LAT N=36-22.9 LONG E= 1-44.6 PROF=10 . KM MAG= 4.4						
			RMS= 1.4 ERH= KM ERZ= KM NES= 13 IO=						
	CSEM		10-OCT-1980 H/M/S= 23-55-36.3						
			LAT N=36-13.8 LONG E= 1-45. PROF=10 . KM MAG= 4.3						
			RMS= ERH= KM ERZ= KM NES= 15 IO=						
	FRANCIS GARNJER.ARG								

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
OCT	11	EPF		00	01	41.2		0	2	51.9				
		LFF		00	02	06.3								
		CAF		00	02	06.1								
		LRG		00	01	58.1								
		CVF		00	02	05.3								
		LGR	E D	00	01	43.7								200
		TOL	E	00	01	23.0	E	0	2	24.0	0.20	0.8		
		ACU	E	00	00	42.7								80
		MAL	E	00	01	10.0								
		ALM	I D	00	00	51.1	I	0	1	24.4	0.30	1.1		170
		ALR	E	00	00	56.0								
		CRT	I	00	01	04.0								
		EBR	E	00	01	09.0								
		GUD	I	00	01	31.7								
		IFR	I	00	01	28.0								
		SSIS	11-OCT-1980 H/M/S= 0- 0- 2.5											
			LAT N=36-21.2 LONG E= 1-17.5 PROF= 10. KM										MAG= 3.9	
			RMS= 1.04 ERH= 8.6 KM ERZ= 13.6 KM NES= 18										IO=	
		LDG	11-OCT-1980 H/M/S= 00-00- 6.2											
			LAT N=36-36. LONG E= 1-30. PROF= KM										MAG= 4.1	
			RMS= ERH= KM ERZ= KM NES=										IO=	
		CSEM	11-OCT-1980 H/M/S= 00-00- 1.2											
			LAT N=36-15. LONG E= 1-17.4 PROF=10 . KM										MAG= 4.2	
			RMS= ERH= KM ERZ= KM NES= 36										IO=	
		CHASSERIAU.ARG												
OCT	11	TOL	E	00	36	10.0	E	0	37	17.5	0.02	0.7		130
		ALM	I C	00	35	44.0	I	0	36	18.9	0.24	1.3		63
		CRT	E	00	35	52.0								
		GUD	I	00	36	18.1								
		SSIS	11-OCT-1980 H/M/S= 0-34-47.6											
			LAT N=36-32.4 LONG E= 1-44.4 PROF= 5.0 KM										MAG= 2.6	
			RMS= 2.14 ERH= KM ERZ= KM NES= 6										IO=	
		DUPLEIX.ARG												

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
OCT 11	EPF		01 30 58.8						
	LFF		01 31 23.3						
	CAF		01 31 23.8						
	LRG		01 31 14.8						
	CVF		01 31 19.2						
	LGR	E	01 31 02.7						200
	TOL	E	01 30 43.0						225
	MAL	I	01 30 29.0						
	ALM	I C	01 30 08.9		1 30 46.7	0.53	1.1		250
	ALR	I	01 30 14.0		1 30 54.0				
	CRT	I	01 30 22.0						
	EBR	E	01 30 28.0						
	GUD	E	01 30 50.6						
	IFR	I	01 30 49.3						
	HAD	I	01 30 55.0	I	1 32 8.0				

SSIS 11-OCT-1980 H/M/S= 1-29-19.8
LAT N=36-20.3 LONG E= 1-21.6 PROF= 5.0 KM MAG= 3.8
RMS= 1.29 ERH= 9.8 KM ERZ= 14.7 KM NES= 18 IO=

LDG 11-OCT-1980 H/M/S= 01-29-22.4
LAT N=36-30. LONG E= 1-42. PROF= KM MAG= 4.2
RMS= ERH= KM ERZ= KM NES= IO=

NEIS 11-OCT-1980 H/M/S= 01-29-16.4
LAT N=36-11.8 LONG E= 1-29.4 PROF=10 . KM MAG= 4.2
RMS= 1.4 ERH= KM ERZ= KM NES= 24 IO=

CSEM 11-OCT-1980 H/M/S= 01-29-19.1
LAT N=36-18. LONG E= 1-26.4 PROF=10 . KM MAG= 4.1
RMS= ERH= KM ERZ= KM NES= 48 IO=

FLATIERS BU NA.ARG

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
OCT 11	EPF		05 42 36.9		5 43 49.2				
	LFF		05 43 01.5						
	CAF		05 43 01.0						
	LRG		05 42 52.8		5 44 17.7				
	CVF		05 42 56.6						
	TOL	I	05 42 20.5	E	5 43 21.0	0.40	0.7		325
	ACU	I	05 41 40.0	E	5 42 9.3				180
	MAL	I	05 42 09.5						
	ALM	I C	05 41 48.2	I	5 42 25.0	0.98	0.9		390
	ALR	I	05 41 55.5						
	CRT	I D	05 42 02.0						
	EBR	E	05 42 05.0						
	GUD	I	05 42 29.1						270
	IFR	I	05 42 28.0						
	HAD	I	05 42 33.5						
	AVE	I	05 42 54.0						

SSIS 11-OCT-1980 H/M/S= 5-40-57.4
LAT N=36-26.0 LONG E= 1-33.1 PROF= 5.0 KM MAG= 4.3
RMS= 0.96 ERH= 4.5 KM ERZ= 6.7 KM NES= 21 IO=

LDG 11-OCT-1980 H/M/S= 05-41- 0.6
LAT N=36-30. LONG E= 1-42. PROF= KM MAG= 4.5
RMS= ERH= KM ERZ= KM NES= IO=

NEIS 11-OCT-1980 H/M/S= 05-40-55.2
LAT N=36-19.8 LONG E= 1-38. PROF=10 . KM MAG= 4.7
RMS= ERH= KM ERZ= KM NES= 43 IO=

CSEM 11-OCT-1980 H/M/S= 05-40-58.1
LAT N=36-20.4 LONG E= 1-36.6 PROF=10 . KM MAG= 4.6
RMS= ERH= KM ERZ= KM NES= 81 IO=

SOUK ET TNINE.ARG

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
OCT	11	TOL	E	08	46	47.0					0.02	0.8		120
		ACU	I	08	46	03.4	E	8	46	34.5				60
		CRT	E	08	46	27.0								
		EBR	E	08	46	36.0								
		GUD	E	08	46	52.0								
		SSIS	11-OCT-1980 H/M/S= 8-45-41.5											
			LAT N=37-18.2 LONG E= 0-10.9 PROF= 2.8 KM MAG= 2.8											
			RMS= 1.25 ERH= 65.5 KM ERZ= KM NES= 5 IO=											
		MEDITERRANEO												
OCT	11	ACU	E	09	25	44.4								55
		EBR		09	26	21.0								
		GUD	E	09	26	34.1								
		SSIS	11-OCT-1980 H/M/S= 9-25-39.8											
			LAT N=38-20.9 LONG E= 0-37.7 PROF= 10.0 KM MAG=											
			RMS= 0.04 ERH= 0.3 KM ERZ= 0.3 KM NES= 3 IO=											
		ALICANTE												
OCT	11	ACU	E	09	58	44.6	E	9	59	16.0				70
		EBR	E	09	59	15.0								
		GUD	E	09	59	33.2								
		IFR	I	09	59	32.0	I	10	0	19.5				
		SSIS	11-OCT-1980 H/M/S= 9-58- 9.8											
			LAT N=36-28.6 LONG E= 0-37.8 PROF= 10.0 KM MAG= 2.8											
			RMS= 0.44 ERH= 0.3 KM ERZ= 0.3 KM NES= 4 IO=											
		N CABO KRAMIS.ARG												

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
OCT 11	ACU	E	12 27 25.3						50
	EBR	E	12 27 59.0						
	GUD	E	12 28 13.0						
	IFR	I	12 28 15.5	I	12 30 6.5				
	HAD	I	12 28 22.0	I	12 29 35.0				
	SSIS		11-OCT-1980 H/M/S= 12-26-55.3						
			LAT N=36-39.8 LONG E= 0- 8.0 PROF= 10.0 KM MAG=						
			RMS= 1.16 ERH= 47.3 KM ERZ= KM NES= 5 IO=						
	MEDITERRANEO								
OCT 11	TOL	E	17 13 14.0	E	17 14 20.0	0.03	0.8		150
	EBR	E	17 13 03.0						
	GUD	E	17 13 21.3						
	IFR	I	17 13 19.5						
	HAD	I	17 13 26.0	I	17 15 13.0				
	AVE	E	17 13 47.0						
	SSIS		11-OCT-1980 H/M/S= 17-11-54.6						
			LAT N=36-17.9 LONG E= 1- 2.5 PROF= 10.0 KM MAG= 3.1						
			RMS= 0.74 ERH= 20.0 KM ERZ= KM NES= 6 IO=						
	CHASSERIAU.ARG								

MES DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
OCT 11	EPF		19	05	15.5		19	6	26.6				
	LFF		19	05	39.8								
	CAF		19	05	40.0		19	7	10.0				
	LRG		19	05	31.2		19	6	55.8				
	CVF		19	05	35.5		19	7	4.1				
	LGR	E	19	05	18.6								170
	TOL	E	19	04	59.5	E	19	6	7.0	0.05	0.8		220
	ACU	I	19	04	18.3								65
	MAL	I	19	04	50.5								
	ALM	I	19	04	30.8	I	19	5	4.9	0.36	1.2		65
	ALR	I	19	04	34.5	I	19	5	17.0				
	CRT	I	19	04	42.0	I	19	5	32.0				
	EBR	E	19	04	44.0								
	IFR	I	19	05	06.3								
	HAD	I	19	05	12.5								
	AVE	E	19	05	33.0								
	TIO	I	19	05	48.0								

SSIS 11-OCT-1980 H/M/S= 19- 3-36.1
LAT N=36-19.8 LONG E= 1-47.2 PROF= 18.3 KM MAG= 3.6
RMS= 1.42 ERH= 7.5 KM ERZ= 10.9 KM NES= 25 IO=

LDG 11-OCT-1980 H/M/S= 19-03-38.4
LAT N=36-30. LONG E= 1-42. PROF= KM MAG= 4.0
RMS= ERH= KM ERZ= KM NES= IO=

NEIS 11-OCT-1980 H/M/S= 19-03-34.7
LAT N=36-21.2 LONG E= 1-46.3 PROF=10 . KM MAG= 4.3
RMS= .9 ERH= KM ERZ= KM NES= 13 IO=

CSEM 11-OCT-1980 H/M/S= 19-03-37.3
LAT N=36-25.8 LONG E= 1-41.4 PROF=10 . KM MAG= 4.2
RMS= ERH= KM ERZ= KM NES= 39 IO=

KERBA.ARG

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
OCT 11	EPF		21 27 59.9		21 29 10.1				
	LFF		21 28 24.8		21 29 54.5				
	CAF		21 28 24.6						
	LRG		21 28 15.6		21 29 39.6				
	CVF		21 28 20.6						
	LGR	I	21 28 03.3						230
	TOL	I C	21 27 45.5	E	21 28 45.5				310
	ACU	I	21 27 02.4		21 27 33.0				180
	MAL	I	21 27 31.0						210
	ALM	I D	21 27 11.1			1.29	1.2		209
	ALR	I	21 27 16.5						
	CRT	I	21 27 26.0						
	EBR	E	21 27 29.0						
	GUD	I	21 27 51.3						
	IFR	I	21 27 50.5						
	HAD	I	21 27 57.0						
	AVE	I	21 28 16.5						
	TIO	I	21 28 32.5						

SSIS 11-OCT-1980 H/M/S= 21-26-20.1
LAT N=36-24.4 LONG E= 1-34.2 PROF= 5.0 KM MAG= 4.2
RMS= 1.29 ERH= 5.6 KM ERZ= 9.3 KM NES= 23 IO=

LDG 11-OCT-1980 H/M/S= 21-26-24.1
LAT N=36-36. LONG E= 1-36. PROF= KM MAG= 4.3
RMS= ERH= KM ERZ= KM NES= IO=

NEIS 11-OCT-1980 H/M/S= 21-26-18.1
LAT N=36-12.7 LONG E= 1-30.7 PROF=10 . KM MAG= 4.5
RMS= 1.1 ERH= KM ERZ= KM NES= 27 IO=

CSEM 11-OCT-1980 H/M/S= 21-26-20.9
LAT N=36-21. LONG E= 1-29.4 PROF=10 . KM MAG= 4.4
RMS= ERH= KM ERZ= KM NES= 52 IO=

SOUK ET TNINE.ARG

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
OCT 12	TOL	I D	00 38 15.0	E	0 39 15.5	0.04	0.8	220	
	ACU	I	00 37 33.0					60	
	CRT	E	00 37 57.0	E	0 38 44.0				
	GUD	E	00 38 21.3						
	IFR	I	00 38 22.0	I	0 39 32.5				

SSIS 12-OCT-1980 H/M/S= 0-36-50.6
LAT N=36-27.5 LONG E= 1-39.1 PROF= 5.0 KM MAG= 3.3
RMS= 0.99 ERH= 27.5 KM ERZ= 33.5 KM NES= 8 IO=

NEIS 12-OCT-1980 H/M/S= 00-36-48.9
LAT N=36-17.9 LONG E= 1-37.7 PROF=10 . KM MAG= 4.4
RMS= 1.1 ERH= KM ERZ= KM NES= 10 IO=

CSEM 12-OCT-1980 H/M/S= 00-36-53.7
LAT N=36-28.2 LONG E= 1-28.2 PROF=10 . KM MAG= 4.0
RMS= ERH= KM ERZ= KM NES= 14 IO=

SOUK ET TNINE.ARG

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
OCT 12	EPF		04 03 58.0		4 5 10.5				
	LFF		04 04 22.6		4 5 55.8				
	CAF		04 04 22.4		4 5 55.1				
	LRG		04 04 14.6		4 5 40.7				
	CVF		04 04 19.2		4 5 47.4				
	TOL	I D	04 03 42.0			0.08	0.7		225
	ACU	E	04 03 00.5						80
	MAL	E	04 03 29.0						
	ALM	I	04 03 10.8			1.09	1.8		190
	CRT	E	04 03 22.0		4 4 14.0				
	GUD	E	04 03 50.0						
	IFR	I	04 03 48.0						
	HAD	I	04 03 53.5						
	AVE	I	04 04 14.0						
	TIO	E	04 04 29.0						

SSIS 12-OCT-1980 H/M/S= 4- 2-16.4
LAT N=36-16.6 LONG E= 1-43.7 PROF= 5.0 KM MAG= 3.8
RMS= 1.12 ERH= 6.7 KM ERZ= 10.0 KM NES= 21 IO=

LDG 12-OCT-1980 H/M/S= 04-02-20.6
LAT N=36-24. LONG E= 1-42. PROF= KM MAG= 4.3
RMS= ERH= KM ERZ= KM NES= IO=

NEIS 12-OCT-1980 H/M/S= 04-02-15.6
LAT N=36-08.5 LONG E= 1-27.4 PROF=10 . KM MAG= 4.4
RMS= 1.1 ERH= KM ERZ= KM NES= 20 IO=

CSEM 12-OCT-1980 H/M/S= 04-02-18.5
LAT N=36-17.4 LONG E= 1-23.4 PROF=10 . KM MAG= 4.3
RMS= ERH= KM ERZ= KM NES= 53 IO=

SPGM 12-OCT-1980 H/M/S= 04-02- 3.0
LAT N=37-30. LONG E= 2-00.0 PROF= KM MAG=
RMS= ERH= KM ERZ= KM NES= IO=

LES AUATS.ARG

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
OCT 12	TOL	E	05 04 24.0	E	5 5 30.0	0.05	1.0		170
	CRT	E	05 04 00.0	I	5 4 52.0				
	GUD	E	05 04 28.0						
	SSIS		12-OCT-1980 H/M/S= 5- 3-47.4						
			LAT N=37-55.9 LONG W= 3-35.7 PROF= 5.0 KM					MAG= 2.6	
			RMS= 2.69 ERH= 0.3 KM ERZ= 0.3 KM					NES= 3 IO=	
	VILLAGORDO.J								
OCT 12	TOL	E	08 21 12.0	E	8 22 18.0	0.04	0.6		150
	MAL	E	08 20 55.5						
	CRT	E	08 20 51.0	I	8 21 42.0				
	EBR	E	08 21 02.0						
	GUD	E	08 21 18.3						
	HAD	I	08 21 20.0	I	8 23 30.5				
	SSIS		12-OCT-1980 H/M/S= 8-19-51.0						
			LAT N=36- 8.3 LONG E= 0-51.5 PROF= 5. KM					MAG= 3.3	
			RMS= 0.98 ERH= 25.0 KM ERZ= 07.3 KM					NES= 6 IO=	
	RENAULT.ARG								
OCT 12	LGR	E	11 13 26.8	I	11 13 36.4	0.35	1.0		65
	EBR	E	11 13 56.5	E	11 14 24.5				
	GUD	I	11 13 41.3	I	11 14 3.6				150
	SSIS		12-OCT-1980 H/M/S= 11-13-14.3						
			LAT N=41-48.4 LONG W= 2-46.6 PROF= 5.0 KM					MAG= 2.5	
			RMS= 0.00 ERH= 0.3 KM ERZ= 0.3 KM					NES= 3 IO=	
	CIDONES.SO								

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
OCT	12	TOL	E	12	46	04.0	E	12	47	0.0	0.05	1.1		115
		CRT	E	12	45	44.0								
		EBR	E	12	45	52.5								
		GUD	E	12	46	08.9								
		SSIS	12-OCT-1980 H/M/S= 12-44-57.6											
			LAT N=37-11.8 LONG E= 0- 8.1 PROF= 5.0 KM MAG= 3.2											
			RMS= 1.16 ERH= 0.3 KM ERZ= 0.3 KM NES= 4 IO=											
		MEDITERRANEO												
OCT	12	TOL	E	14	19	04.0	E	14	20	8.0	0.02	0.6		140
		CRT	E	14	18	46.0								
		EBR	E	14	18	50.0								
		GUD	E	14	19	12.3								
		HAD	I	14	19	15.0	I	14	20	25.5				
		SSIS	12-OCT-1980 H/M/S= 14-17-39.7											
			LAT N=36-12.0 LONG E= 1-30.8 PROF= 5.0 KM MAG= 3.1											
			RMS= 1.02 ERH= 16.3 KM ERZ= 20.4 KM NES= 7 IO=											
		OUED FODDA.ARG												
OCT	13	TOL	E	04	14	10.0	E	4	15	15.0	0.02	0.6		100
		CRT	E	04	13	45.0	E	4	14	33.0				
		EBR		04	13	56.5								
		IFR	E	04	14	08.5								
		HAD	I	04	14	12.0	I	4	15	35.0				
		SSIS	13-OCT-1980 H/M/S= 4-12-41.9											
			LAT N=35-50.5 LONG E= 1-19.8 PROF= 5.0 KM MAG= 3.1											
			RMS= 0.74 ERH= 26.7 KM ERZ= KM NES= 5 IO=											
		AMMI MOUSSA.ARG												

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
OCT 13	TOL	E	05 52 47.5	E	5 53 51.0	0.04	0.8		180
	CRT	E	05 52 29.0	I	5 53 28.0				
	GUD		05 52 55.3						
	IFR	I	05 52 50.0	I	5 53 21.0				

SSIS 13-OCT-1980 H/M/S= 5-51-42.5
LAT N=36-30.3 LONG W= 8- 5.1 PROF= 5.0 KM MAG= 2.9
RMS= 6.84 ERH= 43.1 KM ERZ= 65.4 KM NES= 7 IO=

SE CABO SAN VICENTE

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
OCT 13	EPF		06 39 19.6		6 40 31.2				
	LFF		06 39 44.8		6 41 15.2				
	CAF		06 39 44.4		6 41 14.7				
	LRG		06 39 35.9		6 41 1.4				
	CVF		06 39 41.0		6 41 10.0				
	LGR	I D	06 39 25.0			1.12	4.0		780
	TOL	E	06 39 05.5	E	6 40 10.5	1.05	0.4		800
	ACU	I	06 38 23.5						220
	STS	E C	06 40 10.5						584
	MAL	I	06 38 52.5			9.33	0.3		720
	ALM	I C	06 38 32.5						780
	ALR	I	06 38 37.0						
	SFS	I	06 39 17.0						
	CRT	I D	06 38 45.0						
	EBR	E	06 38 49.0						
	GUD	I	06 39 12.7						520
	IFR	I	06 39 13.0						
	HAD	I	06 39 18.5						
	AVE	I	06 39 38.5						
	TIO	I	06 39 54.5						
	SSIS	13-OCT-1980 H/M/S= 6-37-40.2							
		LAT N=36-23.6 LONG E= 1-41.9 PROF= 5.0 KM MAG= 4.2							
		RMS= 0.80 ERH= 6.7 KM ERZ= 11.2 KM NES= 26 IO=							
	LDG	13-OCT-1980 H/M/S= 06-37-43.4							
		LAT N=36-30.0 LONG E= 1-36.0 PROF= KM MAG= 4.7							
		RMS= ERH= KM ERZ= KM NES= IO=							
	NEIS	13-OCT-1980 H/M/S= 06-37-39.2							
		LAT N=36-14.2 LONG E= 1-37.7 PROF=10 . KM MAG= 5.2							
		RMS= 1.1 ERH= KM ERZ= KM NES= 85 IO=							
	CSEM	13-OCT-1980 H/M/S= 06-37-45.4							
		LAT N=36-23.4 LONG E= 1-28.8 PROF= KM MAG= 5.0							
		RMS= ERH= KM ERZ= KM NES= IO=							

SOUK ET TNINE.ARG

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
OCT	13	ALM	I	07	05	09.2	I	7	5	41.8	0.38	0.6		50
		EBR		07	05	14.								
		GUD	E	07	05	34.3								
		SSIS	13-OCT-1980 H/M/S= 7- 4-30.4											
			LAT N=38- 6.4 LONG E= 0-16.1 PROF= 5.0 KM MAG=											
			RMS= 1.00 ERH= 0.3 KM ERZ= 0.3 KM NES= 4 IO=											
		MEDITERRANEO												
OCT	13	TOL	E	13	09	17.0					0.06	1.0		190
		ACU	E	13	08	38.0	E	13	9	7.8				60
		EBR	E	13	09	05.0	E	13	10	8.0				
		GUD	E	13	09	25.9								
		SSIS	13-OCT-1980 H/M/S= 13- 8-31.6											
			LAT N=38-50.6 LONG E= 0-24.5 PROF= 10. KM MAG= 3.2											
			RMS= 1.14 ERH= 0.3 KM ERZ= 0.3 KM NES= 4 IO=											
		MEDITERRANEO												

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
OCT 13	EPF		14 35 23.0		14 36 37.3				
	LFF		14 35 46.7		14 37 22.4				
	CAF		14 35 47.6						
	LRG		14 35 38.8		14 37 4.4				
	CVF		14 35 43.5		14 37 12.7				
	LGR	E	14 35 27.2	I	14 36 41.0				420
	TOL	I	14 35 10.0			0.24	1.0		360
	ACU	I	14 34 26.4	I	14 35 0.0				180
	MAL	E	14 34 56.0						
	ALM	I D	14 34 36.7			2.16	0.7		426
	ALR	I	14 34 41.5	I	14 35 27.0				
	SFS	E	14 35 21.0						
	CRT	E	14 34 51.0						
	EBR	E	14 34 52.0						
	GUD	I	14 35 16.1						340
	IFR	I	14 35 15.5						
	HAD	I	14 35 21.0						
	AVE	E	14 35 40.0						
	SSIS		13-OCT-1980 H/M/S= 14-33-42.7						
			LAT N=36-19.4 LONG E= 1-46.7 PROF= 5.0 KM					MAG= 4.0	
			RMS= 0.97 ERH= 4.9 KM ERZ= 6.9 KM				NES= 25	IO=	
	LDG		13-OCT-1980 H/M/S= 14-33-43.5						
			LAT N=36-18.0 LONG E= 1-48.0 PROF= KM					MAG= 4.4	
			RMS= ERH= KM ERZ= KM				NES=	IO=	
	CSEM		13-OCT-1980 H/M/S= 14-33-48.2						
			LAT N=36-27.6 LONG E= 1-28.8 PROF= KM					MAG= 4.5	
			RMS= ERH= KM ERZ= KM				NES= 52	IO=	

KERBA.ARG

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
OCT	13	LGR	E	20	15	22.0	I	20	16	36.8				280
		TOL	I D	20	14	43.8					0.40	0.5		300
		MAL	I	20	14	03.2					3.83	0.5		160
		ALM	I	20	14	17.1	I	20	14	40.4	0.41	0.8		104
		ALR	I	20	14	07.5	I	20	14	23.0				
		SFS	E	20	14	10.5	E	20	14	21.0				
		EBR	E	20	15	16.5								
		GUD	I D	20	14	54.5								
		IFR	I	20	14	21.0	I	20	14	46.5				
		AVE	I	20	14	35.0	I	20	15	15.0				
		HAD	I	20	14	41.5	I	20	15	25.0				
		TIO	I	20	15	02.0	I	20	16	4.0				
		SSIS	13-OCT-1980 H/M/S= 20-13-44.8											
			LAT N=35-51.1 LONG W= 4-41.0 PROF= 23.7 KM MAG= 4.2											
			RMS= 1.46 ERH= 4.7 KM ERZ= 10.7 KM NES= 20 IO= III											
		SPGM	13-OCT-1980 H/M/S= 20-13-42.5											
			LAT N=35-30.0 LONG W= 4-24.0 PROF= KM MAG=											
			RMS= EPH= KM ERZ= KM NES= IO=											
		ALBORAN												
		III.MALAGA												
OCT	13	TOL	I	20	28	05.5	I	20	29	10.5	0.07	0.5		220
		ACU	E	20	27	25.0	I	20	27	55.7				
		ALM	I D	20	27	30.8	I	20	28	6.6	0.28	0.5		70
		GUD	E	20	28	12.3								
		EBR	E	20	27	53.0								
		IFR	I	20	28	09.0								
		HAD	I	20	28	15.0								
		SSIS	13-OCT-1980 H/M/S= 20-26-41.5											
			LAT N=36- 9.5 LONG E= 1-19.6 PROF= 5.0 KM MAG= 3.7											
			RMS= 0.86 ERH= 15.3 KM ERZ= 21.1 KM NES= 10 IO=											
		ORLEANSVILLE.ARG												

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
OCT 14	TOL	I	01 09 02.5			0.04	0.8		180
	ACU	E	01 08 20.4						50
	ALM	I D	01 08 28.1	I	1 9 4.5	0.20	0.9		77
	CRT	E	01 08 44.0	I	1 9 34.0				
	EBR	E	01 08 45.5						
	GUD	E	01 09 09.3						
	IFR	I	01 09 09.0						
	HAD	I	01 09 15.0						

SSIS 14-OCT-1980 H/M/S= 1- 7-37.1
LAT N=36-21.2 LONG E= 1-44.1 PROF= 10.0 KM MAG= 3.4
RMS= 0.77 ERH= 16.7 KM ERZ= KM NES= 8 IO=

NEIS 14-OCT-1980 H/M/S= 01-07-39.8
LAT N=36-32.0 LONG E= 1-22.6 PROF=10 . KM MAG= 4.3
RMS= 1.4 ERH= KM ERZ= KM NES= 8 IO=

KERBA.ARG

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
OCT	14	EPF		17	36	39.4		17	37	49.6				
		LFF		17	37	04.6		17	38	34.1				
		CAF		17	37	04.4		17	38	33.0				
		LRG		17	36	55.1		17	38	19.8				
		CVF		17	37	00.4								
		LGR	I C	17	36	43.5	I	17	37	51.8				600
		TOL	I C	17	36	25.0					0.62	1.2		550
		ACU	I	17	35	43.0	E	17	36	12.7				120
		ALM	I	17	35	50.5	I	17	36	28.6	2.12	1.3		572
		ALR	I	17	35	58.0	I	17	36	41.0				
		SFS	E	17	36	32.0								
		CRT	E	17	36	06.0								
		EBR	E	17	36	08.0								
		GUD	I C	17	36	32.0								380
		IFR	I	17	36	32.5								
		HAD	I	17	36	38.5								
		AVE	I	17	36	58.5								
		TID	I	17	37	14.5								

SSIS 14-OCT-1980 H/M/S= 17-35- 0.6
LAT N=36-29.1 LONG E= 1-35.5 PROF= 5.0 KM MAG= 4.3
RMS= 1.14 ERH= 4.9 KM ERZ= 6.7 KM NES= 26 IO=

LDG 14-OCT-1980 H/M/S= 17-35- 4.3
LAT N=36-36.0 LONG E= 1-48. PROF= KM MAG= 4.4
RMS= ERH= KM ERZ= KM NES= IO=

NEIS 14-OCT-1980 H/M/S= 17-34-58.7
LAT N=36-22.1 LONG E= 1-41.5 PROF=10 . KM MAG= 5.0
RMS= 1.1 ERH= KM ERZ= KM NES= 56 IO=

CSEM 14-OCT-1980 H/M/S= 17-35- 2.1
LAT N=36-22.2 LONG E= 1-33. PROF= KM MAG= 4.7
RMS= ERH= KM ERZ= KM NES= 83 IO=

FRANCIS GARNIER.ARG

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
OCT	14	TOL	E	18	09	06.0					0.02	0.4		160
		ACU	I	18	08	27.8	E	18	8	58.7				
		CRT	E	18	08	51.0	E	18	9	42.0				
		EBR	E	18	08	54.0								
		GUD	E	18	09	16.3								
		IFR	I	18	09	16.5								
		HAD	I	18	09	22.7								
		SSIS	14-OCT-1980 H/M/S= 18- 7-43.2											
			LAT N=36-23.2 LONG E= 1-50.9 PROF= 5.0 KM MAG= 3.2											
			RMS= 1.47 ERH= 33.5 KM ERZ= 45.6 KM NES= 9 IO=											
		KERBA.ARG												
OCT	14	TOL	E	20	54	14.0	E	20	55	15.5				115
		ACU	E	20	53	31.5								45
		EBR	E	20	54	01.5								
		GUD	E	20	54	20.0								
		SSIS	14-OCT-1980 H/M/S= 20-53-27.5											
			LAT N=38-54.2 LONG W= 0-28.0 PROF= 10.0 KM MAG= 2.6											
			RMS= 1.89 ERH= 0.3 KM ERZ= 0.3 KM NES= 4 IO=											
		OLLERIA.V												

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
OCT 15	EPF		03 19 02.7		3 20 12.6				
	LFF		03 19 29.0		3 20 59.6				
	CAF		03 19 28.2						
	LRG		03 19 19.1		3 20 44.2				
	CVF		03 19 23.4						
	LGR	E	03 19 07.8						300
	TOL	E	03 18 48.0	E	3 19 51.0	0.09	0.8		240
	ACU	I	03 18 06.6	E	3 18 38.0				170
	MAL	I C	03 18 36.0						
	ALM	I C	03 18 15.2	I	3 18 52.1	0.78	1.3		330
	ALR	I	03 18 20.0	E	3 19 5.0				
	CRT	E	03 18 30.0						
	EBR	E	03 18 33.0						
	GUD	I D	03 18 56.7						260
	IFR	I	03 18 56.0						
	HAD	I	03 19 02.0						
	AVE	I	03 19 21.5						
	TIO	I	03 19 37.5						

SSIS 15-OCT-1980 H/M/S= 3-17-24.9
LAT N=36-23.7 LONG E= 1-36.9 PROF= 13.5 KM MAG= 3.8
RMS= 1.06 ERH= 5.7 KM ERZ= 9.1 KM NES= 25 IO=

LDG 15-OCT-1980 H/M/S= 03-17-28.3
LAT N=36-36.0 LONG E= 1-48. PROF= KM MAG= 4.3
RMS= ERH= KM ERZ= KM NES= IO=

NEIS 15-OCT-1980 H/M/S= 03-17-22.5
LAT N=36-18.7 LONG E= 1-30.9 PROF=10 . KM MAG= 4.5
RMS= 1.2 ERH= KM ERZ= KM NES= 40 IO=

CSEM 15-OCT-1980 H/M/S= 03-17-24.7
LAT N=36-19.2 LONG E= 1-29.4 PROF= KM MAG= 4.3
RMS= ERH= KM ERZ= KM NES= 65 IO=

SOUK ET TNINE.ARG

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
OCT	15	TOL	E	03	47	11.0	E	3	48	20.0	0.02	0.6		150
		EBR		03	46	52.0								
		IFR	I	03	47	10.0								
		HAD	I	03	47	15.5								
		SSIS	15-OCT-1980 H/M/S= 3-45-35.4											
			LAT N=35-49.7 LONG E= 2-13.8 PROF= 5.0 KM MAG= 3.1											
			RMS= 0.85 ERH= 45.3 KM ERZ= 70.6 KM NES= 5 IO=											
		TROLARD TAZA.ARG												
OCT	15	TOL	E	06	33	51.0	E	6	34	58.0	0.04	0.6		220
		ACU	E	06	33	09.7								51
		MAL	E	06	33	41.0								
		ALM	I D	06	33	16.8	I	6	33	55.0	0.39	1.1		200
		ALR	E	06	33	24.5	E	6	34	10.0				
		EBR	E	06	33	35.0								
		GUD	I	06	33	58.7								
		IFR	I	06	33	59.0								
		HAD	I	06	34	04.5								
		TIO	I	06	34	40.0								
		SSIS	15-OCT-1980 H/M/S= 6-32-28.6											
			LAT N=36-24.0 LONG E= 1-28.9 PROF= 10.0 KM MAG= 3.6											
			RMS= 0.68 ERH= 12.3 KM ERZ= 45.5 KM NES= 10 IO=											
		NEIS	15-OCT-1980 H/M/S= 06-32-26.3											
			LAT N=36-25.9 LONG E= 1-30.1 PROF=10 . KM MAG= 3.8											
			RMS= 1.2 ERH= KM ERZ= KM NES= 11 IO=											
		CSEM	15-OCT-1980 H/M/S= 06-32-29.3											
			LAT N=36-27.0 LONG E= 1-23.4 PROF=10 . KM MAG= 3.8											
			RMS= ERH= KM ERZ= KM NES= 11 IO=											
		FLATIERS BU NA.ARG												

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
OCT	15	EPF		18	30	56.3		18	32	10.1				
		LFF		18	31	20.8								
		CAF		18	31	21.0								
		LRG		18	31	13.0		18	32	42.4				
		CVF		18	31	17.4		18	32	51.8				
		LGR	E	18	30	58.0	I	18	32	14.8				200
		ACU	I	18	29	57.5								80
		ALC	I	18	30	15.8								206
		CRT	E	18	30	17.0	I	18	31	7.0				
		EBR	E	18	30	26.0								
		GUD	I	18	30	45.2								220
		IFR	I	18	30	39.5								
		HAD	I	18	30	46.0								
		AVE	E	18	31	05.0								

SSIS 15-OCT-1980 H/M/S= 18-29-11.6
LAT N=36- 0.5 LONG E= 1-32.9 PROF= 5.0 KM MAG= 3.8
RMS= 0.98 ERH= 6.1 KM ERZ= 9.2 KM NES= 19 IO=

LDG 15-OCT-1980 H/M/S= 18-29-14.7
LAT N=36-06.0 LONG E= 1-24. PROF= KM MAG= 4.2
RMS= ERH= KM ERZ= KM NES= IO=

NEIS 15-OCT-1980 H/M/S= 18-29-11.1
LAT N=35-57.4 LONG E= 1-18.9 PROF=10 . KM MAG= 4.2
RMS= 1.1 ERH= KM ERZ= KM NES= 7 IO=

CSEM 15-OCT-1980 H/M/S= 18-29-11.2
LAT N=35-54.0 LONG E= 1-30. PROF=10 . KM MAG= 4.1
RMS= ERH= KM ERZ= KM NES= 22 IO=

LAMARTINE.ARG

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
OCT 17	TOL	I	08 44 22.6	I	8 45 31.0	0.10	1.2		200
	EBR	E	08 44 09.5						
	GUD	E	08 44 30.0						
	IFR	I	08 44 25.0						
	HAD	I	08 44 30.7						
	SSIS		17-OCT-1980 H/M/S= 8-42-53.4						
			LAT N=35-55.1 LONG E= 1-50.3 PROF= 5.0 KM MAG= 3.4						
			RMS= 0.99 ERH= 6.1 KM ERZ= 9.3 KM NES= 6 IO=						
	TENIENT EL HADD.ARG								
OCT 19	TOL	E	17 09 08.0	E	17 10 23.0	0.04	1.0		170
	CRT	E	17 08 56.0						
	GUD	E	17 09 21.3						
	SSIS		19-OCT-1980 H/M/S= 17- 8-40.8						
			LAT N=38-05.4 LONG W= 3-34.6 PROF= 20.0 KM MAG= 2.7						
			RMS= 1.1 ERH= 0.3 KM ERZ= 0.3 KM NES= 3 IO=						
	LINARES.J								

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
OCT	19	EPF		21	49	09.0								
		LFF		21	49	34.0								
		CAF		21	49	34.4								
		LRG		21	49	26.6								
		LGR	E	21	49	12.5	E	21	50	30.2				360
		TOL	I	21	48	50.8					0.17	0.8		350
		ALI	E	21	48	10.3	E	21	48	43.0	2.44	1.4		332
		MAL	I C	21	48	35.7					0.28	0.8		240
		ALC	E	21	48	27.0								310
		CRT	I C	21	48	29.0								
		EBR	E	21	48	38.0								
		GUD	I	21	48	58.7								290
		IFR	E	21	48	49.0								
		AVE	I	21	49	13.5								

SSIS 19-OCT-1980 H/M/S= 21-47-23.0
LAT N=35-49.5 LONG E= 1-25.8 PROF= 5.0 KM MAG= 3.8
RMS= 0.91 ERH= 9.9 KM ERZ= 14.7 KM NES= 16 IO=

LDG 19-OCT-1980 H/M/S= 21-47-27.5
LAT N=36-06.0 LONG E= 1-12. PROF= KM MAG= 4.3
RMS= ERH= KM ERZ= KM NES= IO=

NEIS 19-OCT-1980 H/M/S= 21-47-21.3
LAT N=35-44.9 LONG E= 1-25.8 PROF=10 . KM MAG= 4.4
RMS= 1.0 ERH= KM ERZ= KM NES= 26 IO=

CSEM 19-OCT-1980 H/M/S= 21-47-24.2
LAT N=35-51.0 LONG E= 1-20.4 PROF=10 . KM MAG= 4.4
RMS= ERH= KM ERZ= KM NES= 70 IO=

MOLIERE.ARG

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
OCT	20	LGR	I D	00	30	56.2	I	0	31	17.4	0.16	0.8		120
		EBR	E	00	31	06.0								
		TOL	E	00	31	28.0					0.03	0.8		180
		GUD	E	00	31	21.3								
		SSIS	20-OCT-1980 H/M/S= 0-30-35.1											
			LAT N=42-22.8 LONG W= 0-55.1 PROF= 10.0 KM MAG= 2.8											
			RMS= 0.16 ERH= 0.3 KM ERZ= 0.3 KM NES= 4 IO=											
		BIEL.Z												
OCT	20	TOL	E	07	48	12.3		7	48	20.7				
		MAL	E	07	47	36.		7	47	29.8				
		ALC	E	07	47	33.2								
		HAD		07	48	12								
		SSIS	20-OCT-1980 H/M/S= 7-46- 4.8											
			LAT N=37-12. LONG W= 7-42.0 PROF= 5. KM MAG= 3.4											
			RMS= ERH= KM ERZ= KM NES= IO=											
		SPGM	20-OCT-1980 H/M/S= 07-46-48.0											
			LAT N=37-12. LONG W= 7-42. PROF= KM MAG=											
			RMS= ERH= KM ERZ= KM NES= IO=											
		TAVIRA.PORT												
OCT	20	LGR	E	17	04	11.6								180
		TOL	E	17	03	50.0	E	17	4	51.0	0.01	0.8		140
		ACU	E	17	03	09.0	E	17	3	42.2				40
		ALC	E	17	03	31.7								135
		EBR		17	03	40.0								
		GUD	E	17	03	58.4								
		IFR	I	17	03	57.5								
		HAD	I	17	04	03.0								
		SSIS	20-OCT-1980 H/M/S= 17- 2-30.8											
			LAT N=36-17.9 LONG E= 1- 6.2 PROF= 5.0 KM MAG= 2.7											
			RMS= 1.33 ERH= 24.1 KM ERZ= 31.5 KM NES= 10 IO=											
		CHASSERIAU.ARG												

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
OCT 21	EPF		16 52 33.7		16 53 45.4				
	LRG		16 52 48.3						
	LFF		16 52 58.5						
	CAF		16 52 58.4						
	LGR	E	16 52 36.9						267
	TOL	E	16 52 18.0	E	16 53 21.5				300
	ACU	I	16 51 36.0	E	16 52 5.0				165
	MAL	E	16 52 09.5			0.28	0.9		140
	ALM	E	16 51 46.7	I	16 52 21.1	0.44	2.0		225
	ALC	E	16 51 58.0						260
	ALR	E	16 51 51.0	E	16 52 33.0				
	CRT	I	16 52 00.0						
	EBR	E	16 52 02.0						
	GUD	I	16 52 26.0						260
	IFR	I	16 52 25.5						
	HAD	I	16 52 32.0						
	AVE	E	16 52 52.0						
	TIO	I	16 53 08.5						

SSIS 21-OCT-1980 H/M/S= 16-50-56.7
LAT N=36-27.5 LONG E= 1-28.7 PROF= 15. KM MAG= 3.9
RMS= 1.21 ERH= 9.2 KM ERZ= 13.7 KM NES= 23 IO=

LDG 21-OCT-1980 H/M/S= 16-50-56.9
LAT N=36-30.0 LONG E= 1-54. PROF= KM MAG= 4.0
RMS= ERH= KM ERZ= KM NES= IO=

NEIS 21-OCT-1980 H/M/S= 16-50-53.3
LAT N=36-25.4 LONG E= 1-37.6 PROF=10 . KM MAG= 4.5
RMS= 1.3 ERH= KM ERZ= KM NES= 13 IO=

CSEM 21-OCT-1980 H/M/S= 16-50-53.4
LAT N=36-21.0 LONG E= 1-39.6 PROF= KM MAG= 4.5
RMS= ERH= KM ERZ= KM NES= 55 IO=

SOUK ET TNINE.ARG

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
OCT	21	ALC	E	17	55	12.0								108
		EBR		17	55	16.5								
		GUD	E	17	55	38.7								160
		SSIS	21-OCT-1980 H/M/S= 17-54-23.4											
			LAT N=37-15.3 LONG W= 0-26.2 PROF= 10.0 KM MAG= 3.											
			RMS= 1.27 ERH= 0.3 KM ERZ= 0.3 KM NES= 3 IO=											
		MEDITERRANEO												
OCT	22	LGR	E	02	47	50.0								
		TOL	E	02	47	32.5	E	2	48	35.5	0.01	0.8		150
		ALC	E	02	47	10.2								90
		EBR	E	02	47	20.0								
		GUD	E	02	47	39.0								
		IFR	I	02	47	36.5								
		HAD	I	02	47	44.0								
		SSIS	22-OCT-1980 H/M/S= 2-46- 9.9											
			LAT N=36-14.0 LONG E= 1-10.8 PROF= 5. KM MAG= 2.6											
			RMS= 0.77 ERH= 10.2 KM ERZ= 17.1 KM NES= 8 IO=											
		WARNIER.ARG												
OCT	22	TOL	E	12	30	27.0	E	12	31	35.0	0.02	0.8		200
		ALC	E	12	30	07.1								160
		CRT	I	12	30	08.0								
		GUD	E	12	30	34.3								
		TID	E	12	31	21.0								
		SSIS	22-OCT-1980 H/M/S= 12-29-45.8											
			LAT N=37-21.7 LONG W= 5-14.2 PROF= 40.0 KM MAG= 2.9											
			RMS= 0.91 ERH= 58.0 KM ERZ= KM NES= 5 IO=											
		OSUNA.SE												

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
OCT 22	EPF		16 24 53.8		16 26 4.8				
	LFF		16 25 18.3						
	CAF		16 25 18.3						
	LRG		16 25 10.1		16 26 34.7				
	CVF		16 25 13.1						
	LGR	I C	16 24 58.2						550
	TOL	I C	16 24 39.0	E	16 25 40.0	0.56	1.2		400
	ACU	I	16 23 57.5						202
	STS	E	16 25 39.0						57
	MAL	I	16 24 26.5	I	16 25 17.7	0.81	0.7		420
	ALM	I C	16 24 04.4	I	16 24 42.1	1.38	1.6		630
	ALC	I	16 24 19.0						397
	ALR	I	16 24 10.8	I	16 24 53.0				
	CRT	I C	16 24 19.0						
	EBR	E	16 24 23.0						
	GUD	I C	16 24 46.1						400
	IFR	I	16 24 47.0						
	HAD	I	16 24 53.7						
	AVE	I	16 25 13.5						
	TIO	I	16 25 29.5						

SSIS 22-OCT-1980 H/M/S= 16-23-18.0
LAT N=36-23.1 LONG E= 1-36.8 PROF= 10. KM MAG= 4.3
RMS= 1.10 ERH= 9.1 KM ERZ= KM NES= 20 IO=

LDG 22-OCT-1980 H/M/S= 16-23-17.0
LAT N=36-30.0 LONG E= 1-48. PROF= KM MAG= 4.5
RMS= ERH= KM ERZ= KM NES= IO=

NEIS 22-OCT-1980 H/M/S= 16-23-14.2
LAT N=36-23.1 LONG E= 1-30.5 PROF=10 . KM MAG= 4.7
RMS= 1.1 ERH= KM ERZ= KM NES= 63 IO=

CSEM 22-OCT-1980 H/M/S= 16-23-15.8
LAT N=36-21.6 LONG E= 1-28.2 PROF= KM MAG= 4.8
RMS= ERH= KM ERZ= KM NES= IO=

SOUK ET TNINE.ARG

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
OCT 23	EPF		09 59 34.8		10 0 45.7				
	LFF		09 59 59.0						
	CAF		09 59 59.2						
	LRG		09 59 50.2		10 1 15.6				
	CVF		09 59 54.4						
	LGR	I D	09 59 38.8	E	10 0 53.2				
	TOL	I C	09 59 20.5	I	10 0 25.0	0.18	0.8		450
	ACU	I	09 58 38.0		9 59 9.3				230
	STS	E	09 60 22.0						41
	MAL	I	09 59 08.3			0.50	0.6		180
	ALM	I	09 58 46.7			1.66	1.7		555
	ALC	E	09 59 02.1						192
	ALR	I	09 58 53.3	I	9 59 37.5				
	CRT	I	09 59 01.0						
	EBR	E	09 59 04.0						
	GUD	I	09 59 27.5						360
	IFR	E	09 59 28.5						
	HAD	I	09 59 34.0						
	TIO	I	09 60 11.2						

SSIS 23-OCT-1980 H/M/S= 9-57-55.5
LAT N=36-23.6 LONG E= 1-43.0 PROF= 10. KM MAG= 4.1
RMS= 0.99 ERH= 5.8 KM ERZ= 8.2 KM NES= 25 IO=

LDG 23-OCT-1980 H/M/S= 09-57-59.0
LAT N=36-36. LONG E= 1-48. PROF= KM MAG= 4.4
RMS= ERH= KM ERZ= KM NES= IO=

NEIS 23-OCT-1980 H/M/S= 09-57-56.0
LAT N=36-35.7 LONG E= 1-32.1 PROF=10 . KM MAG= 4.6
RMS= 1.3 ERH= KM ERZ= KM NES= 44 IO=

CSEM 23-OCT-1980 H/M/S= 09-57-56.7
LAT N=36-24.6 LONG E= 1-32.4 PROF= KM MAG= 4.5
RMS= ERH= KM ERZ= KM NES= 79 IO=

SOUK ET TNINE.ARG

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
OCT	24	TOL	E	12	21	37.0	I	12	22	11.5				70
		MAL	E	12	20	58.0					0.36	0.4		45
		ALM	I D	12	21	14.1					0.20	1.4		27
		GUD	E	12	21	50.0								
		SSIS	24-OCT-1980 H/M/S= 12-20-52.1											
			LAT N=36-49.5 LONG W= 4- 6.9 PROF= 26.8 KM MAG= 2.8											
			RMS= 0.75 ERH= 64.3 KM ERZ= 40.5 KM NES= 5 IO=											
		VELEZ MALAGA.MA												
OCT	24	EPF		12	59	40.6								
		LGR	E	12	59	42.8	E	13	0	58.3				210
		ACU	E	12	58	42.4	E	12	59	12.5				65
		ALC	E	12	59	04.3								210
		CRT	E	12	59	07.0								
		EBR	E	12	59	08.5								
		GUD	E	12	59	32.3								
		IFR	I	12	59	33.0								
		HAD	I	12	59	39.0								
		SSIS	24-OCT-1980 H/M/S= 12-58- 2.1											
			LAT N=36-26.8 LONG E= 1-30.6 PROF= 5.0 KM MAG= 3.5											
			RMS= 1.09 ERH= 18.7 KM ERZ= 25.1 KM NES= 11 IO=											
		SOUK ET TNINE.ARG												

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
OCT	24	EPF		16	27	30.0								
		ACU	E	16	26	31.8		16	27	3.2				250
		CRT	E	16	26	56.0	I	16	27	47.0				
		EBR	E	16	26	58.0								
		GUD		16	27	19.3								
		IFR	I	16	27	21.5								
		HAD	I	16	27	28.0								
		TIO	E	16	28	04.0								
		SSIS		24-OCT-1980			H/M/S= 16-25-48.8							
				LAT N=36-24.7			LONG E= 1-48.4				PROF= 5.0 KM		MAG= 3.4	
				RMS= 1.41			ERH= 27.9 KM				ERZ= 40.7 KM	NES= 10	IO=	

KERBA.ARG

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
OCT 26	EPF		02 29 49.2		2 31 0.7				
	LFF		02 30 13.6		2 31 44.3				
	CAF		02 30 14.2		2 31 44.0				
	LRG		02 30 04.5						
	CVF		02 30 09.7						
	LGR	E	02 29 53.8						330
	TOL	I	02 29 34.0			0.06	0.8		350
	ACU	I	02 28 52.6	E	2 29 21.6				180
	MAL	I	02 29 21.5	I	2 30 14.0	0.21	0.8		200
	ALM	I	02 29 01.7			0.30	1.8		225
	ALC	E	02 29 14.1						227
	ALR	E	02 29 06.5	E	2 29 50.0				
	CRT	E	02 29 16.0						
	EBR	E	02 29 17.5						
	GUD	E C	02 29 41.7						250
	IFR	I	02 29 42.0						
	HAD	I	02 29 49.5						
	TIO	I	02 30 25.5						

SSIS 26-OCT-1980 H/M/S= 2-28-12.1
LAT N=36-28.4 LONG E= 1-32.5 PROF= 17.3 KM MAG= 3.6
RMS= 1.03 ERH= 6.7 KM ERZ= 9.9 KM NES= 24 IO=

LDG 26-OCT-1980 H/M/S= 02-28-12.9
LAT N=36-36. LONG E= 1-42.0 PROF= KM MAG= 4.2
RMS= ERH= KM ERZ= KM NES= IO=

CSEM 26-OCT-1980 H/M/S= 02-28-14.9
LAT N=36-27.6 LONG E= 1-25.2 PROF= KM MAG= 4.3
RMS= ERH= KM ERZ= KM NES= 22 IO=

FRANCIS GARNIER.ARG

			P				S						
MES	DIA	STA	PRK	H	M	S	SRM	H	M	S	AMP	PER	STA-COR	DUR
OCT	27	EPF		03	39	49.0								
		LGR	E	03	39	52.2	I	3	41	8.7				250
		TOL	E	03	39	31.5					0.05	0.4		230
		ACU	E	03	38	52.6	E	3	39	22.0				50
		ALM	I	03	38	57.8	I	3	39	32.6	0.18	1.4		227
		ALC	E	03	39	10.9								180
		EBR	E	03	39	19.0								
		GUD	E	03	39	40.0								210
		IFR	I	03	39	35.5								
		HAD	I	03	39	41.5								

SSIS 27-OCT-1980 H/M/S= 3-38- 9.2
LAT N=36-10.8 LONG E= 1-14.5 PROF= 5.0 KM MAG= 3.6
RMS= 0.97 ERH= 12.6 KM ERZ= 17.0 KM NES= 13 IO=

ORLEANSVILLE.ARG

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
OCT 29	EPF		01 31 51.2						
	CAF		01 32 16.0						
	LFF		01 32 15.2						
	LRG		01 32 07.3		1 33 31.6				
	CVF		01 32 10.6						
	LGR	E	01 31 55.0						250
	TOL	E	01 31 36.0	E	1 32 40.0	0.04	0.5		250
	ACU	I	01 30 54.7		1 31 24.2				64
	ALM	I C	01 31 04.4			0.29	1.5		275
	ALC	E	01 31 16.1						
	ALR	I	01 31 14.5	I	1 31 59.5				
	CRT	E	01 31 19.0	I	1 32 8.0				
	EBR	E	01 31 20.0						
	GUD	I C	01 31 43.9						250
	HAD	I	01 31 50.0						
	AVE	E	01 32 10.0						

SSIS 29-OCT-1980 H/M/S= 1-30-13.8
LAT N=36-35.7 LONG E= 1-43.1 PROF= 5.0 KM MAG= 3.5
RMS= 1.36 ERH= 9.3 KM ERZ= 12.1 KM NES= 21 IO=

LDG 29-OCT-1980 H/M/S= 01-30-13.4
LAT N=36-24. LONG E= 1-54. PROF= KM MAG= 4.0
RMS= ERH= KM ERZ= KM NES= IO=

CSEM 29-OCT-1980 H/M/S= 01-30-14.1
LAT N=36-28.8 LONG E= 1-31.8 PROF= 10. KM MAG= 4.0
RMS= ERH= KM ERZ= KM NES= 12 IO=

DUPLEIX.ARG

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
OCT 30	EPF		23 39 53.0		23 41 6.7				
	LFF		23 40 17.6		23 41 52.0				
	CAF		23 40 17.7						
	LRG		23 40 09.3		23 41 33.8				
	CVF		23 40 13.6						
	TOL	I	23 39 37.0	I	23 40 43.0				650
	ACU	I	23 38 56.7						210
	MAL	I D	23 39 26.0			1.02	0.8		600
	ALC	I	23 39 18.2						
	ALR	I	23 39 16.7	I	23 40 1.0				
	CRT	E	23 39 21.0						
	EBR	I	23 39 22.0	E	23 40 14.3				
	GUD	I D	23 39 46.1						530
	IFR	I	23 39 46.0						
	HAD	I	23 39 52.6						
	AVE	I	23 40 12.0						
	TIO	E	23 40 28.8						

SSIS 30-OCT-1980 H/M/S= 23-38-13.1
LAT N=36-24.2 LONG E= 1-47.2 PROF= 5. KM MAG= 4.5
RMS= 1.32 ERH= 8.1 KM ERZ= 11.1 KM NES= 23 IO=

LDG 30-OCT-1980 H/M/S= 23-38-15.0
LAT N=36-24. LONG E= 1-54. PROF= KM MAG= 4.6
RMS= ERH= KM ERZ= KM NES= IO=

NEIS 30-OCT-1980 H/M/S= 23-38-12.5
LAT N=36-16.2 LONG E= 1-40.2 PROF= 10. KM MAG= 5.1
RMS= 1.2 ERH= KM ERZ= KM NES= 82 IO=

CSEM 30-OCT-1980 H/M/S= 23-38-14.9
LAT N=36-18. LONG E= 1-34.2 PROF= 10. KM MAG= 4.8
RMS= ERH= KM ERZ= KM NES= 90 IO=

KERBA VEZGA.MAC

NOV 01

SPGM 01-NOV-1980 H/M/S= 13-39-53.5
LAT N=34-36. LONG E= 3-18. PROF= KM MAG=
RMS= ERH= KM ERZ= KM NES= IO=

HASI VEZGA.MAC

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
NOV	01													
		SPGM		01-NOV-1980			H/M/S=	14-12-43.0						
				LAT N=34-36.			LONG W=	3-18.			PROF=	KM	MAG=	
				RMS=		ERH=	KM	ERZ=		KM	NES=		IO=	
		HASI UEZGA.MAC												
NOV	02	MTØ		00	33	42.2		0	34	0.0				
		COI		00	33	57.1								
		MTE		00	34	00.0		0	34	23.8				
		GUD	E	00	34	28.5								140
		IMPG		00	33	312	07	1	36	50.0				27
		SSIS		02-NOV-1980			H/M/S=	0-33-31.0						
				LAT N=38-44.8			LONG W=	8-25.1			PROF= 10.0	KM	MAG=	2.7
				RMS= 0.63		ERH= 0.3	KM	ERZ= 0.3		KM	NES= 4		IO=	
		VENDAS NOVAS.PORT												
NOV	02	LGR	E	15	58	40.3	E	16	0	10.8				
		TOL	E	15	58	04.0	E	15	59	23.0				
		ALC	E	15	57	41.1								
		CRT	E	15	57	43.5								
		SSIS		02-NOV-1980			H/M/S=	15-57-30.6						
				LAT N=37-51.3			LONG W=	3-32.5			PROF= 10.0	KM	MAG=	
				RMS= 0.48		ERH= 0.3	KM	ERZ= 0.3		KM	NES= 4		IO=	
		ALBANCHEZ DE UBEDA.J												
NOV	02													
		SPGM		02-NOV-1980			H/M/S=	16-33-33.5						
				LAT N=35-36.			LONG W=	10-18.			PROF=	KM	MAG=	
				RMS=		ERH=	KM	ERZ=		KM	NES=		IO=	
		ATLANTICO												

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
NOV 02									
	SPGM		02-NOV-1980 H/M/S= 21-04-33.5						
			LAT N=36-42. LONG W= 10-48. PROF= KM MAG=						
			RMS= ERH= KM ERZ= KM NES= IO=						
	SW CABO SAN VICENTE								
NOV 03	ALM	I D	00 55 25.1	I	0 55 32.5	1.09	0.8		40
	ALC	I	00 55 30.1						80
	ALR	E	00 55 27.0	E	0 55 31.8				
	SSIS		03-NOV-1980 H/M/S= 0-55-14.8						
			LAT N=36-30.8 LONG W= 3- 1.0 PROF= 5. KM MAG= 2.8						
			RMS= 0.95 ERH= 11.0 KM ERZ= KM NES= 5 IO=						
	ALBORAN								
NOV 07	ALM	I C	15 23 30.0			0.21	0.6		44
	ALC	I	15 23 11.0						100
	MAL	I C	15 23 15.5	I	15 23 23.5	1.59	0.3		75
	CRT	I C	15 23 10.1	I	15 23 14.3				
	SSIS		07-NOV-1980 H/M/S= 15-23- 5.0						
			LAT N=37-11.5 LONG W= 3-58.1 PROF= 5. KM MAG= 2.8						
			RMS= 0.71 ERH= 2.3 KM ERZ= 10.1 KM NES= 6 IO=						
	CSEM		07-NOV-1980 H/M/S= 15-23- 2.7						
			LAT N=36-52. LONG W= 3-38. PROF=10 . KM MAG=						
			RMS= ERH= KM ERZ= KM NES= 6 IO=						
	MONTEFRIO.GR								
NOV 07									
	SPGM		07-NOV-1980 H/M/S= 16-07-56.0						
			LAT N=36-08. LONG W= 1-25. PROF= KM MAG=						
			RMS= ERH= KM ERZ= KM NES= IO=						
	MEDITERRANEO								

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
NOV 08	EPF	I	02 08 37.6		2 9 49.7				
	LFF		02 09 01.8		2 10 33.0				
	CAF		02 09 01.8		2 10 32.8				
	LRG		02 08 53.6		2 10 16.6				
	CVF		02 08 58.2						
	LGR	I C	02 08 41.5			0.42	1.3		510
	ACU	I	02 07 41.3	E	2 8 10.0				217
	ALM	I D	02 07 49.4	I	2 8 26.6	3.09	1.9		820
	TOL	I C	02 08 23.3			0.32	0.9		450
	ALC	I	02 08 03.2						565
	MAL	I C	02 08 10.3			0.87	0.5		450
	EBR	E	02 08 06.0	E	2 8 55.0				
	CRT	E	02 08 04.8	I	2 8 49.2				
	ALR	I	02 08 01.0						
	PTO	I D	02 09 12.6						
	MTE	E	02 08 58.0						
	COI	I	02 09 06.3						
	GUD	I C	02 08 30.7						340
	IFR	I	02 08 31.5						
	HAD	I	02 08 38.8						
	AVE	I	02 09 00.5						
	BME	I	02 09 10.0						
	TIO	I	02 09 14.5						

SSIS 08-NOV-1980 H/M/S= 2- 7- 0.3
LAT N=36-33.4 LONG E= 1-33.2 PROF= 5.0 KM MAG= 4.3
RMS= 1.39 ERH= 6.9 KM ERZ= 9.6 KM NES= 31 IO=

CSEM 08-NOV-1980 H/M/S= 02-07- 0.4
LAT N=36-25.2 LONG E= 1-31.8 PROF=10 . KM MAG= 4.7
RMS= ERH= KM ERZ= KM NES= 68 IO=

NEIS 08-NOV-1980 H/M/S= 02-06-58.4
LAT N=36-28.7 LONG E= 1-36.3 PROF=10 . KM MAG= 4.7
RMS= 1.1 ERH= KM ERZ= KM NES= 39 IO=

LDG 08-NOV-1980 H/M/S= 02-07- 2.0
LAT N=36-36. LONG E= 1-48. PROF=10 . KM MAG= 4.5
RMS= ERH= KM ERZ= KM NES= IO=

SPGM 08-NOV-1980 H/M/S= 02-06-57.5
LAT N=36-08. LONG E= 1-25. PROF=10 . KM MAG=
RMS= ERH= KM ERZ= KM NES= IO=

FRANCIS GARNIER.ARG

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
NOV	08	EPF		07	56	02.4		7	57	16.6				
		LFF		07	56	27.2								
		CAF		07	56	26.9								
		LRG		07	56	19.5		7	57	47.5				
		CVF		07	56	23.7		7	57	56.4				
		LGR	I C	07	56	05.0					0.92	1.4		500
		ACU	I	07	55	04.2	E	7	55	34.5				198
		ALM	I	07	55	08.4					4.82	1.2		960
		STS	E	07	56	47.0	E	7	58	36.0				324
		TOL	I D	07	55	45.5	I	7	56	50.0	0.98	0.4		606
		ALC	I	07	55	22.9								660
		MAL	I	07	55	28.2					3.43	0.7		750
		EBR	E	07	55	31.0	E	7	56	23.0				
		CRT	I C	07	55	23.7								
		SFS	I	07	55	51.7								
		ALR	I	07	55	19.0								
		PTO	I D	07	56	33.5		7	58	12.6				
		COI	E	07	56	26.0								
		GUD	I C	07	55	52.5								610
		IFR	I	07	55	47.5								
		BMK	I	07	55	50.5								
		HAD	I	07	55	54.0								
		AVE	I	07	56	14.0								
		BME	I	07	56	26.0								
		TIO	I	07	56	29.0								

SSIS 08-NOV-1980 H/M/S= 7-54-20.1
LAT N=36-11.3 LONG E= 1-25.2 PROF= 5.0 KM MAG= 4.9
RMS= 1.40 ERH= 6.7 KM ERZ= 11.0 KM NES= 32 IO=

CSEM 08-NOV-1980 H/M/S= 07-54-23.1
LAT N=36-07.2 LONG E= 1-19.2 PROF=24 . KM MAG= 5.2
RMS= ERH= KM ERZ= KM NES= IO=

NEIS 08-NOV-1980 H/M/S= 07-54-18.4
LAT N=36-06.3 LONG E= 1-22.9 PROF=10 . KM MAG= 5.3
RMS= 1. ERH= KM ERZ= KM NES= 79 IO=

LDG 08-NOV-1980 H/M/S= 07-54-22.9
LAT N=36-18. LONG E= 1-24. PROF= KM MAG= 4.8
RMS= ERH= KM ERZ= KM NES= IO=

SPGM 08-NOV-1980 H/M/S= 07-54-13.0
LAT N=36-08. LONG E= 1-25. PROF= KM MAG=
RMS= ERH= KM ERZ= KM NES= IO=

ORLEASVILLE.ARG

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
NOV	09	EPF		18	32	24.4								
		ACU		18	31	27.8		18	31	57.5				70
		TOL	E	18	31	51.0		18	32	17.0	0.02	0.5		225
		ALC	E	18	31	50.9								210
		SSIS	09-NOV-1980				H/M/S= 18-31-14.4							
			LAT N=38-39.5				LONG W= 1-23.9				PROF= 10.0 KM			MAG= 2.9
			RMS= 1.31				ERH= 0.3 KM				ERZ= 0.3 KM		NES= 4	IO=
		FUENTE ALAMO.AB												
NOV	09	ALC	I	22	40	16.3		22	40	28.1				
		MAL	I	22	40	12.0		22	40	18.6	0.67	0.4		60
		CRT	E	22	40	16.0	I	22	40	27.1				
		GUD	E	22	40	59.3								
		SSIS	09-NOV-1980				H/M/S= 22-40- 4.3							
			LAT N=37- 9.5				LONG W= 4-27.3				PROF= 5.0 KM			MAG= 2.5
			RMS= 0.84				ERH= 5.6 KM				ERZ= 11.9 KM		NES= 7	IO=
		ARCHIDONA.MA												

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
NOV 10	EPF		00 03 28.2		0 4 38.6				
	LFF		00 03 52.2		0 5 22.6				
	CAF		00 03 52.6		0 5 22.6				
	LRG		00 03 44.8		0 5 9.8				
	CVF		00 03 49.9						
	LGR	I C	00 03 30.8			0.25	0.9		330
	ACU	I	00 02 30.5		0 2 59.0				200
	ALM	I C	00 02 40.7			1.97	2.3		370
	TOL	I	00 03 12.5			0.22	1.0		400
	ALC	E	00 02 52.1						406
	MAL	E	00 03 01.5						
	EBR	E	00 02 56.5		0 3 43.0				
	CRT	E	00 02 53.0						
	MTE	E	00 03 47.7						
	COI	E	00 03 55.3						
	GUD	I C	00 03 19.3						350
	IFR	I	00 03 21.5						
	HAD	I	00 03 29.0						
	AVE	I	00 03 48.5						
	BME	E	00 03 59.0						

SSIS 10-NOV-1980 H/M/S= 0- 1-50.9
LAT N=36-35.4 LONG E= 1-27.9 PROF= 5.0 KM MAG= 4.
RMS= 0.74 ERH= 3.8 KM ERZ= 6.2 KM NES= 26 IO=

CSEM 10-NOV-1980 H/M/S= 00-01-51.6
LAT N=36-22.2 LONG E= 1-18.6 PROF=10 . KM MAG=
RMS= ERH= KM ERZ= KM NES= 48 IO=

NEIS 10-NOV-1980 H/M/S= 00-01-49.5
LAT N=36-27.4 LONG E= 1-23.3 PROF=10 . KM MAG= 4.9
RMS= 1. ERH= KM ERZ= KM NES= 30 IO=

LDG 10-NOV-1980 H/M/S= 00-01-53.9
LAT N=36-42. LONG E= 1-30. PROF= KM MAG= 4.7
RMS= ERH= KM ERZ= KM NES= 48 IO=

TENES.ARG

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
NOV 10	MTG		02 04 10.5		2 4 24.2				
	LIS	E	02 04 11.0		2 4 22.8				
	COI	E	02 04 21.3		2 4 43.3				
	MTE		02 04 24.5		2 4 48.0				
	GUD	E	02 04 48.0						
	SSIS		10-NOV-1980 H/M/S= 2- 3-53.5						
			LAT N=38-24.9 LONG W= 7-58.6 PROF= 43.1 KM MAG=						
			RMS= 0.55 ERH= 8.5 KM ERZ= 61.2 KM NES= 9 IO= IV						
	VIANA DO ALENTEJO.PORT								
	III-IV EVORA								
NOV 11	EPF		01 30 56.0						
	ACU	E	01 29 59.0	E	1 30 30.5				
	ALM	E	01 30 09.9			0.14	1.2		200
	TOL	E	01 30 41.5			0.03	0.8		220
	ALC	E	01 30 22.4						165
	MAL	E	01 30 34.7						
	EBR	E	01 30 25.0						
	CRT	E	01 30 22.0	I	1 31 14.3				
	GUD	I	01 30 49.1						
	IFR	I	01 30 51.5						
	HAD	I	01 30 57.2						
	BME		01 31 27.0						
	SSIS		11-NOV-1980 H/M/S= 1-29-17.0						
			LAT N=36-29.6 LONG E= 1-48.3 PROF= 5.0 KM MAG= 3.2						
			RMS= 1.00 ERH= 14.8 KM ERZ= 20.7 KM NES= 14 IO=						
	DUPLEIX.ARG								

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
NOV	11	ALC	E	05	42	28.4								
		EBR	E	05	42	36.0								
		CRT	E	05	42	29.0	E	5	43	26.0				
		IFR	I	05	42	55.0								
		HAD	E	05	43	00.0								

SSIS 11-NOV-1980 H/M/S= 5-41-20.7
LAT N=35-59.7 LONG E= 2- 1.0 PROF= 5.0 KM MAG=
RMS= 1.71 ERH= 6.9 KM ERZ= 11.0 KM NES= 6 IO=

MARBOT.ARG

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP PER	STA-COR	DUR
NOV 11	ALC	I	11 00 12.9					228.
	ACU	E	11 00 45.8	E	11 1 30.0			86
	TOL	E	11 00 26.0			0.77 0.6		300
	MAL	I D	11 00 09.5	I	11 0 27.0	1.72 0.4		150
	CRT	I	11 00 12.6	I	11 0 34.5			
	SFS	I	11 00 15.3	I	11 0 34.5			
	MTQ	E	11 00 37.0		11 1 17.3			
	MTE		11 00 34.0		11 1 11.0			
	COI	D	11 00 40.0					
	PTO	I D	11 00 49.4					
	GUD	I	11 00 31.3	E	11 1 7.3			400
	IFR	I	11 00 51.0	I	11 1 39.0			
	BME	I	11 01 28.0					
	SSIS		11-NOV-1980 H/M/S= 10-59-46.7					
			LAT N=37-49.6 LONG W= 5-16.0 PROF= 5.0 KM				MAG= 4.1	
			RMS= 1.21 ERH= 3.6 KM ERZ= 7.6 KM NES= 21				IO= VI	
	CSEM		11-NOV-1980 H/M/S= 10-59-46.1					
			LAT N=37-42. LONG W= 5-24. PROF=10 . KM				MAG=	
			RMS= ERH= KM ERZ= KM NES= 8				IO=	
	SPGM		11-NOV-1980 H/M/S= 10-59-47.0					
			LAT N=36-24. LONG W= 2-00. PROF= KM				MAG=	
			RMS= ERH= KM ERZ= KM NES=				IO=	
	HORNACHUELOS.CO							
	V LA CARLOTA							
	IV ALMODOVAR DEL RIO,GUADALCAZAR,FUENTE OBEJUNA							
	III CORDOBA,MONTALBAN,BLAZQUEZ							
NOV 12	LGR	E	01 02 36.3	I	1 2 57.5	0.17 0.7		85
	TOL	E	01 02 38.0			0.05 0.6		85
	EBR	E	01 02 37.0		1 2 57.0			
	GUD	I	01 02 36.3					
	SSIS		12-NOV-1980 H/M/S= 1- 2- 7.2					
			LAT N=40-46.7 LONG W= 1-49.2 PROF= 13.2 KM				MAG= 2.9	
			RMS= 0.50 ERH= 2.9 KM ERZ= 7.3 KM NES= 6				IO=	
	MOLINA DE ARAGON.GU							

				P				S					
MES	DIA	STA	PRK	H	M	S	SRM	H	M	S	AMP	PER	STA-COR	DUR
NOV	13	ALI	E	07	28	27.0	E	7	28	33.0	7.18	0.3		55
		TOL	E	07	29	18.0	E	7	30	0.0	0.03	0.8		110
		GUD	E	07	29	15.1								

SSIS 13-NOV-1980 H/M/S= 7-28-24.8
LAT N=38-21.4 LONG W= 0-29.1 PROF= 10.0 KM MAG= 2.7
RMS= 3.89 ERH= 0.3 KM ERZ= 0.3 KM NES= 3 IO= II

ALICANTE
III BENASAU

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
NOV	13	LGR	E	21	40	57.7	I	21	42	19.7	0.28	1.1		245
		STS	E D	21	40	11.5								304
		TOL	E	21	40	33.2	I	21	41	36.5	0.14	0.8		596
		ALC	E	21	40	44.8								220
		MAL	I	21	40	40.3					0.41	0.4		150
		MTG	I D	21	39	41.0								
		COI		21	39	49.0		21	40	16.7				
		PTO	C	21	39	52.0		21	40	25.3				
		MTE		21	39	58.0		21	40	35.0				
		FAR		21	40	03.5								
		GUD	I	21	40	34.1								320
		BMK	I	21	40	40.0								
		AVE	I	21	40	45.5								
		IFR	I	21	40	58.0								
		TIO	I	21	41	15.5								
		BME	I	21	41	19.5								
		HAD	I	21	41	21.5	I	21	42	58.5				

SSIS 13-NOV-1980 H/M/S= 21-39- 7.8
LAT N=39-17.9 LONG W= 11-27.7 PROF= 5.0 KM MAG= 4.1
RMS= 1.30 ERH= 10.4 KM ERZ= 13.2 KM NES= 22 IO=

CSEM 13-NOV-1980 H/M/S= 21-39- 4.7
LAT N=39-19.2 LONG W= 11-53.4 PROF= KM MAG=
RMS= ERH= KM ERZ= KM NES= 10 IO=

SPGM 13-NOV-1980 H/M/S= 21-39-15.5
LAT N=38-42.0 LONG W= 10-54. PROF= KM MAG=
RMS= ERH= KM ERZ= KM NES= IO=

ATLANTICO
III LISBOA,OEIRAS,ODIVELAS

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
NOV 14	TOL	E	18 22 48.0	E	18 23 26.0	0.03	0.8		90
	ALC	E	18 22 22.0						95
	GUD	E	18 22 54.4	E	18 23 39.5				
	SSIS		14-NOV-1980 H/M/S= 18-21-55.2						
			LAT N=37- 8.8 LONG W= 1-40.1 PROF= 5.0 KM MAG= 2.5						
			RMS= 1.41 ERH= 08.6 KM ERZ= 15.8 KM NES= 5 IO=						
	MEDITERRANEO								
NOV 15	ALC	E	00 13 33.7						
	EBR	E	00 13 45.0						
	CRT	E	00 13 36.0	E	0 14 28.0				
	GUD	E	00 14 02.2						
	IFR	E	00 14 00.0						
	HAD	E	00 14 08.0						
	SSIS		15-NOV-1980 H/M/S= 0-12-37.4						
			LAT N=36-18.8 LONG E= 0-54.7 PROF= 10.0 KM MAG= 2.9						
			RMS= 1.18 ERH= 27.4 KM ERZ= KM NES= 6 IO=						
	PAULT ROBERT.ARG								
NOV 15	ALM	E C	04 12 20.3	I	4 12 26.8	0.26	1.0		46
	TOL	E	04 13 02.0	E	4 13 36.0	0.03	1.0		70
	MAL	E	04 12 38.0			0.26	0.4		55
	CRT	E	04 12 27.0						
	GUD	E	04 13 15.0						
	SSIS		15-NOV-1980 H/M/S= 4-12-14.9						
			LAT N=37- 1.1 LONG W= 2-51.3 PROF= 5.0 KM MAG= 3.2						
			RMS= 1.05 ERH= 10.8 KM ERZ= 12.1 KM NES= 7 IO=						
	PADULES.AL								

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
NOV	19													
		SPGM		19-NOV-1980			H/M/S=	06-58-29.0						
				LAT N=34-54.			LONG W=	3-54.		PROF=		KM	MAG=	
				RMS=		ERH=		KM	ERZ=		KM	NES=	IO=	
		TIGZIRINE.MAC												
NOV	25	STS	E C	00	16	33.2	E	0	16	40.2				112
		GUD	I	00	17	17.9								180
		PTO	I D	00	16	43.1								
		COI	E	00	17	00.9	I	0	17	27.0				
		MTE		00	17	01.0		0	17	28.5				
		SSIS		25-NOV-1980			H/M/S=	0-16-23.4						
				LAT N=42-36.1			LONG W=	8-33.0		PROF= 62.2	KM		MAG= 3.3	
				RMS= 1.96		ERH= 32.5	KM		ERZ= 30.5	KM		NES= 8	IO= V	
		CALDAS DE REYES.PO												
		V MOS												
		IV PONTEBEDRA,VIGO,CANGAS,FORNELOS,ARCADE												

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
NOV 29	ALC	E	08 54 48.2						160
	MAL	E	08 54 41.0			0.50	0.3		100
	ALR	E	08 54 28.0		8 54 48.0				
	GUD	E	08 55 34.3						
	TAF	I	08 54 36.0	I	8 54 53.0				
	BMK	I	08 54 41.0	I	8 55 0.0				
	IFR	I	08 54 43.0	I	8 55 4.5				
	HAD	I	08 55 00.0	I	8 55 36.0				
	TIO	I	08 55 26.0	I	8 56 23.0				
	SSIS		29-NOV-1980 H/M/S= 8-54-11.8						
			LAT N=35- 5.0 LONG W= 3-57.0 PROF= 5.0 KM					MAG= 3.1	
			RMS= 0.99 ERH= 5.2 KM ERZ= 10.9 KM				NES= 13	IO=	
	SPGM		29-NOV-1980 H/M/S= 08-54-11.0						
			LAT N=34-54. LONG W= 4-00. PROF= KM					MAG=	
			RMS= ERH= KM ERZ= KM				NES=	IO=	
	TAMASSINT.MAC								
NOV 29	SPGM		29-NOV-1980 H/M/S= 12-46-58.0						
			LAT N=34-48. LONG W= 2-30. PROF= KM					MAG=	
			RMS= ERH= KM ERZ= KM				NES=	IO=	
	BERKANE.MAC								
DIC 01	SPGM		01-DIC-1980 H/M/S= 06-18-48.0						
			LAT N=34-36. LONG W= 4-54. PROF= KM					MAG=	
			RMS= ERH= KM ERZ= KM				NES=	IO=	
	RAFSAI.MAC								

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
DIC	01	TOL	E	09	19	09.0	E	9	19	45.0				75
		ALC	I	09	18	40.6								140
		GUD	I	09	19	22.0								

SSIS 01-DIC-1980 H/M/S= 9-18-24.3
LAT N=37-14.2 LONG W= 2-25.4 PROF= 5.0 KM MAG= 3.
RMS= 0.96 ERH= 0.3 KM ERZ= 0.3 KM NES= 4 IO=

VELEFIQUE.AL

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
DIC 03	EPF		10 33 00.1		10 34 11.0				
	LFF		10 33 24.3		10 34 57.2				
	LRG		10 33 16.2						
	TOL	I D	10 32 45.0			0.34	1.2		
	MAL	I	10 32 32.5			0.49	0.7		480
	ACU	E	10 32 02.8	E	10 32 35.3				
	LGR	I	10 33 04.8	I	10 34 19.0	1.04	1.4		540
	ALC	E	10 32 25.0						
	CRT	I	10 32 28.7						
	EBR	E	10 32 29.0						
	ALR	I	10 32 19.4	I	10 33 2.0				
	ALM	I D	10 32 12.2						
	GUD	I C	10 32 52.8						470
	COI	I D	10 33 29.9						
	PTO	E	10 33 33.2						
	TAF	I	10 32 18.0						
	IFR	I	10 32 52.5						
	HAD	I	10 33 00.7						
	BMB	I	10 33 10.0						
	AVE	I	10 33 21.0						
	BME	I	10 33 34.0						
	YBT	E	10 34 13.0						

SSIS 03-DIC-1980 H/M/S= 10-31-21.3
LAT N=36-25.7 LONG E= 1-38.5 PROF= 5.0 KM MAG= 4.3
RMS= 1.31 ERH= 10.4 KM ERZ= 13.5 KM NES= 25 IO=

SPGM 03-DIC-1980 H/M/S= 10-31-20.0
LAT N=36-08. LONG E= 1-25. PROF= KM MAG=
RMS= ERH= KM ERZ= KM NES= IO=

NEIS 03-DIC-1980 H/M/S= 10-31-21.8
LAT N=36-30.9 LONG E= 1-36.7 PROF=10 . KM MAG= 4.8
RMS= 1.1 ERH= KM ERZ= KM NES= 39 IO=

CSEM 03-DIC-1980 H/M/S= 10-31-22.9
LAT N=36-26.4 LONG E= 1-27. PROF=10 . KM MAG= 4.7
RMS= ERH= KM ERZ= KM NES= 85 IO=

LDG 03-DIC-1980 H/M/S= 10-31-25.1
LAT N=36-36. LONG E= 1-54. PROF= KM MAG= 4.6
RMS= ERH= KM ERZ= KM NES= IO=

SOUK ET TNINE.ARG

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
DIC 03	ACU	E	12 51 21.0		12 51 51.5				56
	ALC	E	12 51 43.4						120
	GUD	E	12 52 10.0						
	IFR	E	12 52 21.0						
	HAD	I	12 52 28.0						

SSIS 03-DIC-1980 H/M/S= 12-50-54.9
LAT N=37- 6.4 LONG E= 0-24.5 PROF= 10.0 KM MAG=
RMS= 0.79 ERH= 33.7 KM ERZ= KM NES= 5 IO=

SPGM 03-DIC-1980 H/M/S= 12-50-47.0
LAT N=36-08. LONG E= 1-25. PROF= KM MAG=
RMS= ERH= KM ERZ= KM NES= IO=

MEDITERRANEO

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP PER	STA-COR	DUR
DIC 03	EPF		22 18 16.0					
	LFF		22 18 39.2		22 20 17.4			
	CAF		22 18 45.7					
	TOL	I	22 17 14.6			0.76 0.6		400
	MAL	I C	22 16 45.8	E	22 16 58.5	6.89 0.5		210
	ACU	E	22 17 32.3	I	22 18 20.2			120
	STS	I D	22 17 57.3					209
	LGR	I C	22 17 55.8	I	22 18 59.2	0.35 1.0		320
	ALC	I	22 16 55.2					
	CRT	I	22 16 56.6					
	EBR	E	22 17 56.0					
	SFS	I C	22 16 38.6	I	22 16 48.3			
	GUD	I D	22 17 25.2					355
	PTO	I D	22 17 36.9		22 18 26.8			
	COI	I D	22 17 25.5	I	22 18 7.5			
	MTE		22 17 23.0		22 18 3.0			
	LIS	I D	22 17 16.7	I	22 17 53.3			
	MT@	I D	22 17 18.2	I	22 17 57.0			
	BMK	I	22 16 59.0	I	22 17 17.0			
	IFR	I	22 17 17.0					
	TAF	I	22 17 17.0					
	AVE	I	22 17 24.0					
	HAD	I	22 17 40.5	I	22 18 34.0			
	BME	I	22 17 54.0	I	22 19 0.0			

SSIS 03-DIC-1980 H/M/S= 22-16-25.7
LAT N=37- 2.5 LONG W= 5-40.9 PROF= 5.0 KM MAG= 4.3
RMS= 1.18 ERH= 5.4 KM ERZ= 10.8 KM NES= 20 IO= V

SPGM 03-DIC-1980 H/M/S= 22-16-32.0
LAT N=36-30. LONG W= 5-36. PROF= KM MAG=
RMS= ERH= KM ERZ= KM NES= IO=

NEIS 03-DIC-1980 H/M/S= 22-16-24.4
LAT N=37-04.7 LONG W= 5-43.4 PROF=10 . KM MAG=
RMS= 1. ERH= KM ERZ= KM NES= 15 IO=

CSEM 03-DIC-1980 H/M/S= 22-16-26.0
LAT N=37-00.0 LONG W= 5-41.4 PROF=10 . KM MAG=
RMS= ERH= KM ERZ= KM NES= 21 IO=

LDG 03-DIC-1980 H/M/S= 22-16-30.4
LAT N=37-42. LONG W= 5-54. PROF=20 . KM MAG= 4.8
RMS= ERH= KM ERZ= KM NES= IO=

EL CORONIL,SE
V MORON DE LA FRONTERA,ALGODONALES,VILLAMARTIN,EL BOSQUE
IV SEVILLA,ALCALA DEL RIO,EL VISO,MAIRENA,DOS HERMANAS
III CORDOBA,CADIZ,MALAGA,HUELVA,GRANADA

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
DIC 05	EPF		13 33 51.6	I	13 35 6.9				
	LFF		13 34 16.5		13 35 55.2				
	CAF		13 34 17.0						
	LRG		13 34 09.3		13 35 37.5				
	CVF		13 34 13.6		13 35 46.2				
	TOL	I C	13 33 32.3						
	MAL	I	13 33 15.2			0.82	0.6		600
	ACU	E	13 32 52.0						230
	LGR	I C	13 33 53.7			1.80	1.7		900
	ALC	I	13 33 09.9						900
	CRT	I D	13 33 10.8						
	EBR	E	13 33 18.0						
	SFS	I	13 33 38.8						
	ALR	I	13 32 59.0	I	13 33 42.0				
	ALM	I	13 32 56.4						
	GUD	I C	13 33 40.0						600
	POG	I C	13 33 58.5						
	COI		13 34 14.4		13 35 52.0				
	MTE	E D	13 34 07.8						
	TAF	I	13 32 57.0						
	IFR	I	13 33 33.2						
	HAD	I	13 33 39.0						
	AVE	I	13 34 00.5						

SSIS 05-DIC-1980 H/M/S= 13-32- 6.2
LAT N=35-57.6 LONG E= 1-26.7 PROF= 10. KM MAG= 4.5
RMS= 1.21 ERH= 6.8 KM ERZ= 9.1 KM NES= 29 IO=

NEIS 05-DIC-1980 H/M/S= 13-32- 5.9
LAT N=35-56.5 LONG E= 1-25.3 PROF=10 . KM MAG= 4.9
RMS= 1. ERH= KM ERZ= KM NES= 54 IO=

CSEM 05-DIC-1980 H/M/S= 13-32- 7.6
LAT N=35-53.4 LONG E= 1-13.2 PROF=10 . KM MAG= 5.0
RMS= ERH= KM ERZ= KM NES= IO=

LDG 05-DIC-1980 H/M/S= 13-32-10.0
LAT N=36-01. LONG E= 1-30. PROF= KM MAG= 4.9
RMS= ERH= KM ERZ= KM NES= IO=

MASSENA.ARG

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
DIC 05	TOL	E	22 44 57.0	E	22 45 46.5	0.03	0.8		200
	ALM	I D	22 44 21.9	I	22 45 11.1	0.17	1.1		77
	ALC	E	22 44 35.7						170
	CRT	E	22 44 36.5						
	EBR		22 44 50.0						
	GUD	E	22 45 05.3						190
	TAF	E	22 44 23.0						
	IFR	E	22 44 58.0						
	SSIS	05-DIC-1980	H/M/S= 22-43-38.7						
		LAT N=36- 5.0	LONG E= 0-46.7	PROF= 10.0 KM	MAG= 3.1				
		RMS= 1.21	ERH= 23.1 KM	ERZ= KM	NES= 8	IO=			
	RENAULT.ARG								
DIC 07	TOL	E	02 05 18.5	E	2 6 9.0				
	ALC	E	02 04 55.0						
	EBR		02 05 12.0						
	GUD	E	02 05 26.5						
	TAF	E	02 04 40.0						
	IFR	I	02 05 18.5						
	HAD	I	02 05 25.0						
	SSIS	07-DIC-1980	H/M/S= 2- 3-59.5						
		LAT N=35-56.3	LONG E= 0-34.1	PROF= 10.0 KM	MAG= 2.9				
		RMS= 1.03	ERH= 22.8 KM	ERZ= KM	NES= 7	IO=			
	RELIZANE.ARG								

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
DIC	07	EPF		17	38	55.0		17	40	12.2				
		LFF		17	39	19.8								
		CAF		17	39	19.8								
		LRG		17	39	13.0		17	40	41.9				
		CVF		17	39	17.4		17	40	50.4				
		TOL	I C	17	38	36.0								
		MAL	I D	17	38	19.2								840
		ACU	E	17	37	56.0								245
		STS	E C	17	39	38.5								598
		LGR	I	17	38	57.3								900
		ALC	E	17	38	12.0								
		CRT	I D	17	38	13.0								
		EBR	E	17	38	23.0								
		ALR	I	17	38	02.0	I	17	38	42.5				
		ALM	I D	17	37	58.1								
		GUD	I D	17	38	44.4								840
		MTØ		17	39	17.0								
		POG		17	39	02.0		17	40	27.0				
		MTE		17	39	09.6								
		LIS	I	17	39	17.0		17	40	53.0				
		COI	C	17	39	16.2	I	17	40	52.8				
		TAF	I	17	38	00.6								
		IFR	E	17	38	37.0								
		HAD	I	17	38	43.0								
		YBT	I	17	39	57.0								

SSIS 07-DIC-1980 H/M/S= 17-37-10.5
LAT N=35-56.8 LONG E= 1-18.7 PROF= 12.4 KM MAG= 4.9
RMS= 1.15 ERH= 6.3 KM ERZ= 9.7 KM NES= 31 IO=

NEIS 07-DIC-1980 H/M/S= 17-37-10.0
LAT N=36-01.4 LONG E= 1-13.8 PROF=10 . KM MAG= 5.4
RMS= 1.2 ERH= KM ERZ= KM NES= 74 IO=

CSEM 07-DIC-1980 H/M/S= 17-37-11.3
LAT N=35-55.2 LONG E= 1-12. PROF=10 . KM MAG= 5.1
RMS= ERH= KM ERZ= KM NES= IO=

LDG 07-DIC-1980 H/M/S= 17-37-13.7
LAT N=36-01. LONG E= 1-24. PROF= KM MAG= 5.0
RMS= ERH= KM ERZ= KM NES= IO=

MASSENA.ARG

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
DIC 08	EPF		04 08 56.5		4 10 9.7				
	TOL	E	04 08 36.6			0.20	1.1		260
	ALM	I C	04 08 00.7	I	4 8 35.0	0.45	1.2		260
	ACU	E	04 07 57.4	E	4 8 27.2				75
	ALC	I	04 08 13.1						330
	CRT	I C	04 08 15.2						
	EBR	E	04 08 26.0						
	GUD	I C	04 08 44.7						
	MTE	E D	04 09 11.5						
	COI	E	04 09 16.3						
	TAF	I	04 08 02.0						
	IFR	I	04 08 37.5						
	HAD	I	04 08 44.0						
	AVE	E	04 09 05.0						

SSIS 08-DIC-1980 H/M/S= 4- 7-14.2
LAT N=36- 6.8 LONG E= 1- 3.9 PROF= 5.0 KM MAG= 3.8
RMS= 0.94 ERH= 7.8 KM ERZ= 10.5 KM NES= 17 IO=

CSEM 08-DIC-1980 H/M/S= 04-07-11.1
LAT N=35-52.2 LONG E= 1-13.8 PROF=10 . KM MAG= 4.0
RMS= ERH= KM ERZ= KM NES= 25 IO=

LDG 08-DIC-1980 H/M/S= 04-07-19.3
LAT N=36-24. LONG E= 1-48. PROF= KM MAG= 4.0
RMS= ERH= KM ERZ= KM NES= IO=

CHARON.ARG

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
DIC 08	TOL	I C	06 52 26.0	I	6 53 9.4	1.09	0.8		460
	SFS	I D	06 52 13.6						
	MAL	I C	06 51 53.5	I	6 52 16.0				270
	ALM	I D	06 51 39.4						300
	ACU	E	06 52 07.0	E	6 52 39.0				173
	LGR	I C	06 52 59.8			1.23	1.6		420
	ALC	I	06 51 52.0						420
	CRT	I D	06 51 52.2						
	ALR	I	06 51 37.0						
	EBR	E	06 52 41.0	E	6 53 36.0				
	GUD	I D	06 52 37.0						385
	MTO		06 52 56.4		6 54 1.5				
	POG		06 52 41.0		6 53 40.0				
	LIS	I D	06 52 54.2		6 54 0.4				
	COI	I C	06 52 58.2	I	6 54 8.1				
	TAF	I	06 51 43.0	I	6 52 0.0				
	IFR	E	06 52 15.0	I	6 52 55.0				
	HAD	I	06 52 29.0						
	AVE	I	06 52 40.5	I	6 53 37.5				

SSIS 08-DIC-1980 H/M/S= 6-51-24.0
LAT N=36- 1.1 LONG W= 2-10.2 PROF= 20.9 KM MAG= 4.5
RMS= 1.19 ERH= 3.6 KM ERZ= 4.2 KM NES= 30 IO= IV

CSEM 08-DIC-1980 H/M/S= 06-51-22.9
LAT N=35-52.2 LONG W= 2-13.2 PROF= 10. KM MAG=
RMS= ERH= KM ERZ= KM NES= 33 IO=

NEIS 08-DIC-1980 H/M/S= 06-51-19.4
LAT N=35-47.5 LONG W= 2-12.5 PROF= 10. KM MAG= 4.3
RMS= ERH= KM ERZ= KM NES= 18 IO=

SPGM 08-DIC-1980 H/M/S= 06-51-22.5
LAT N=36-12. LONG W= 2-36. PROF= KM MAG=
RMS= ERH= KM ERZ= KM NES= IO=

ALBORAN
IV PUENTE SABINA,CABO GATA,MELILLA
III ALMERIA,MALAGA
II.GRANADA

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
DIC 09	TOL	E	01 12 41.5	E	1 13 50.5				120
	EBR	E	01 12 26.0	E	1 13 23.0				
	ALC	E	01 12 22.0						
	GUD	E	01 12 51.0						
	IFR	I	01 12 46.5	I	1 14 39.0				
	HAD	E	01 12 54.0	I	1 14 50.0				
	SSIS	09-DIC-1980		H/M/S= 1-11-16.8					
		LAT N=36-14.3		LONG E= 1-39.7		PROF= 10.0 KM		MAG= 3.	
		RMS= 0.82	ERH= 22.8 KM	ERZ=	KM	NES= 6		IO=	
	LES AUTS.ARG								
DIC 11	TOL	E	00 19 30.5	E	0 20 22.0	0.04	1.0		225
	ACU	E	00 18 47.2	E	0 19 17.8				67
	LGR	E	00 19 47.8	E	0 20 50.6				200
	EBR	E	00 19 13.0						
	GUD	I	00 19 37.3						
	MTE	E	00 20 11.1						
	TAF	I	00 19 00.5						
	IFR	I	00 19 36.5						
	HAD	I	00 19 43.2						
	SSIS	11-DIC-1980		H/M/S= 0-18- 4.7					
		LAT N=36-18.9		LONG E= 1-43.2		PROF= 10.0 KM		MAG= 3.2	
		RMS= 0.75	ERH= 18.9 KM	ERZ=	KM	NES= 9		IO=	
	CSEM	11-DIC-1980		H/M/S= 00-18- 6.4					
		LAT N=36-25.2		LONG E= 1-34.8		PROF= 10. KM		MAG=	
		RMS=	ERH=	KM	ERZ=	KM	NES= 8	IO=	
	KERBA.ARG								

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
DIC	12	ACU	E	10	37	58.0	E	10	38	29.8				60
		LGR	E	10	38	57.8								
		ALC	E	10	38	14.0								
		CRT	E	10	38	17.0								
		EBR	E	10	38	24.0	E	10	39	16.5				
		GUD	I	10	38	45.1								190
		IFR	I	10	38	39.0	I	10	40	19.0				
		HAD	E	10	38	46.0	I	10	40	35.0				
		SSIS	12-DIC-1980 H/M/S= 10-37-12.8											
			LAT N=36- 1.4 LONG E= 1-23.8 PROF= 10.0 KM MAG= 3.1											
			RMS= 1.02 ERH= 22.7 KM ERZ= KM NES= 8 IO=											
		MASSENA.ARG												
DIC	12	ACU	I	18	40	40.2	E	18	41	12.0				60
		EBR	E	18	41	13.0								
		GUD	E	18	41	29.2								
		TAF	I	18	40	54.0								
		IFR	I	18	41	28.0								
		HAD	I	18	41	38.0								
		TIO	E	18	42	10.0								
		SSIS	12-DIC-1980 H/M/S= 18-40- 9.0											
			LAT N=36-38.1 LONG E= 0-18.6 PROF= 10.0 KM MAG= 3.1											
			RMS= 1.04 ERH= 27.4 KM ERZ= KM NES= 7 IO=											
		MEDITERRANEO												

MES	DIA	STA	PRK	P H	P M	P S	SRM	S H	S M	S S	AMP	PER	STA-COR	DUR
DIC	14	TOL	E	17	34	15.0					0.06	0.8		160
		MAL	I D	17	33	32.4	I	17	33	37.0	2.20	0.6		100
		ALM	I D	17	33	56.2		17	34	19.0	0.42	0.8		58
		ALC	I	17	33	45.0								128
		CRT	I	17	33	45.6								
		ALR	I	17	33	47.5								
		GUD	E	17	34	23.3								160
		MTE	E	17	34	27.5								
		TAF	I	17	34	03.5	I	17	34	35.0				
		IFR	I	17	34	09.5	I	17	34	44.0				
		TIO	I	17	34	49.5								
		SSIS	14-DIC-1980 H/M/S= 17-33-22.2											
			LAT N=36-31.4 LONG W= 4-55.9 PROF= 10. KM MAG= 3.2											
			RMS= 0.97 ERH= 4.5 KM ERZ= 4.8 KM NES= 15 IO=											
		SPGM	14-DIC-1980 H/M/S= 17-33-22.0											
			LAT N=36-30. LONG W= 4-42. PROF= KM MAG=											
			RMS= ERH= KM ERZ= KM NES= IO=											
		MARBELLA.MA												
DIC	14	TOL	E	19	07	21.0	I	19	8	19.5	0.06	0.8		220
		LGR	E	19	06	58.8	I	19	7	43.0	0.53	1.0		210
		EBR	E	19	06	32.5	E	19	6	56.5				
		GUD	I	19	07	17.0								220
		SSIS	14-DIC-1980 H/M/S= 19- 6- 1.4											
			LAT N=41-54.8 LONG E= 2-26.2 PROF= 5. KM MAG= 3.4											
			RMS= 0.85 ERH= 37.9 KM ERZ= 41.4 KM NES= 7 IO=											
		VICH.B												
DIC	18													
		SPGM	18-DIC-1980 H/M/S= 00-58-35.0											
			LAT N=36-12. LONG W= 10-30. PROF= KM MAG=											
			RMS= ERH= KM ERZ= KM NES= IO=											
		ATLANTICO												

			P				S						
MES	DIA	STA	PRK	H	M	S	SRM	H	M	S	AMP	PER	STA-COR	DUR
DIC	19													
		SPGM		19-DIC-1980			H/M/S=	16-48-39.0						
				LAT N=34-48.			LONG W=	4-06.			PROF=		KM	MAG=
				RMS=			ERH=		KM	ERZ=		KM	NES=	IO=
		MESITA.MAC												
DIC	23	TOL	E	19	55	40.5	I	19	56	16.0	0.04	0.8		135
		ALM	I	19	55	17.3	E	19	55	39.1	0.11	1.0		21
		ALI	E	19	55	04.0	I	19	55	12.3	1.62	0.3		65
		SSIS		23-DIC-1980			H/M/S=	19-54-51.7						
				LAT N=37-53.4			LONG W=	1- 4.1			PROF=	5.	KM	MAG= 2.8
				RMS= 0.58			ERH=	11.7	KM	ERZ=	18.9	KM	NES= 6	IO= III
		MURCIA												
		III MURCIA,ARCHENA,TORRES DE COTILLAS												

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP PER	STA-COR DUR
DIC 24	MAL	I C	12 48 40.5			0.37 0.7	240
	TOL	I C	12 49 00.8	E	12 50 2.5	0.08 0.6	350
	AVE	I	12 49 23.5				
	ALI	E	12 48 18.0		12 48 50.0		450
	LGR	E	12 49 18.8		12 50 35.8	0.23 1.4	270
	ALC	I	12 48 35.4				436
	CRT	I	12 48 36.7				
	EBR	I	12 48 47.7		12 49 42.7		
	ALR	I	12 48 26.3	I	12 49 8.0		
	ALM	I D	12 48 22.0				
	POG	E	12 49 24.0				
	MT@	E	12 49 41.0				
	PTO		12 49 47.5				
	TAF	I	12 48 22.0				
	IFR	I	12 48 57.5				
	HAD	I	12 49 02.5				

SSIS 24-DIC-1980 H/M/S= 12-47-32.6
LAT N=35-52.4 LONG E= 1-18.6 PROF= 8.0 KM MAG= 3.9
RMS= 0.86 ERH= 8.8 KM ERZ= 10.5 KM NES= 21 IO=

CSEM 24-DIC-1980 H/M/S= 12-47-30.1
LAT N=35-36. LONG E= 1-21. PROF= 10. KM MAG= 4.3
RMS= ERH= KM ERZ= KM NES= 19 IO=

NEIS 24-DIC-1980 H/M/S= 12-47-27.9
LAT N=35-38.8 LONG E= 1-24.5 PROF= 10. KM MAG= 4.3
RMS= 1. ERH= KM ERZ= KM NES= 15 IO=

AMMI MOUSSA.ARG

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
DIC 25	MAL	E	08 47 48.5			0.10	0.7		120
	ALM	E D	08 47 23.6	I	8 47 41.4	0.24	1.4		330
	ALC	I	08 47 39.8						
	CRT	I	08 47 40.3						
	ALR	E	08 47 31.5	E	8 48 6.0				
	TAF	I	08 47 25.0						
	HAD	I	08 48 03.0						
	AVE	E	08 48 26.0						
	TIO	I	08 48 41.0						

SSIS 25-DIC-1980 H/M/S= 8-46-23.6
LAT N=35-40.9 LONG E= 2-28.8 PROF= 10.0 KM MAG= 3.5
RMS= 1.15 ERH= 15.3 KM ERZ= KM NES= 9 IO=

CHABOUNIA.ARG

MES DIA	STA	PRK	P H M S	SRM	S H M S	AMP	PER	STA-COR	DUR
DIC 31	TOL	I	02 26 36.5			0.76	1.0		350
	MAL	I	02 26 21.5			0.93	0.8		240
	ALM	I C	02 26 01.4	I	2 26 36.3	1.78	1.6		230
	LGR	I C	02 26 57.0			0.39	1.2		330
	ALC	I	02 26 15.0						
	CRT	I	02 26 15.3	I	2 26 58.5				
	EBR	E	02 26 23.0						
	GUD	I	02 26 44.3						320
	IFR	I	02 26 40.0						
	HAD	I	02 26 46.0						
	AVE	I	02 27 06.0						
	TIO	I	02 27 21.5						
	SSIS	31-DIC-1980	H/M/S= 2-25-14.9						
		LAT N=36-12.0	LONG E= 1- 6.1	PROF= 5.0 KM				MAG= 4.3	
		RMS= 0.79	ERH= 10.0 KM	ERZ= 15.1 KM	NES= 14			IO=	
	CSEM	31-DIC-1980	H/M/S= 02-25-12.7						
		LAT N=35-58.2	LONG E= 1-26.	PROF= 10. KM				MAG= 4.6	
		RMS=	ERH= KM	ERZ= KM	NES= 55			IO=	
	NEIS	31-DIC-1980	H/M/S= 02-25-10.2						
		LAT N=36-00.3	LONG E= 1-18.8	PROF= 10. KM				MAG= 4.6	
		RMS= 1.2	ERH= KM	ERZ= KM	NES= 36			IO=	

WARNIER.ARG

FECHA

29-FEBRERO-1980

ESCALA

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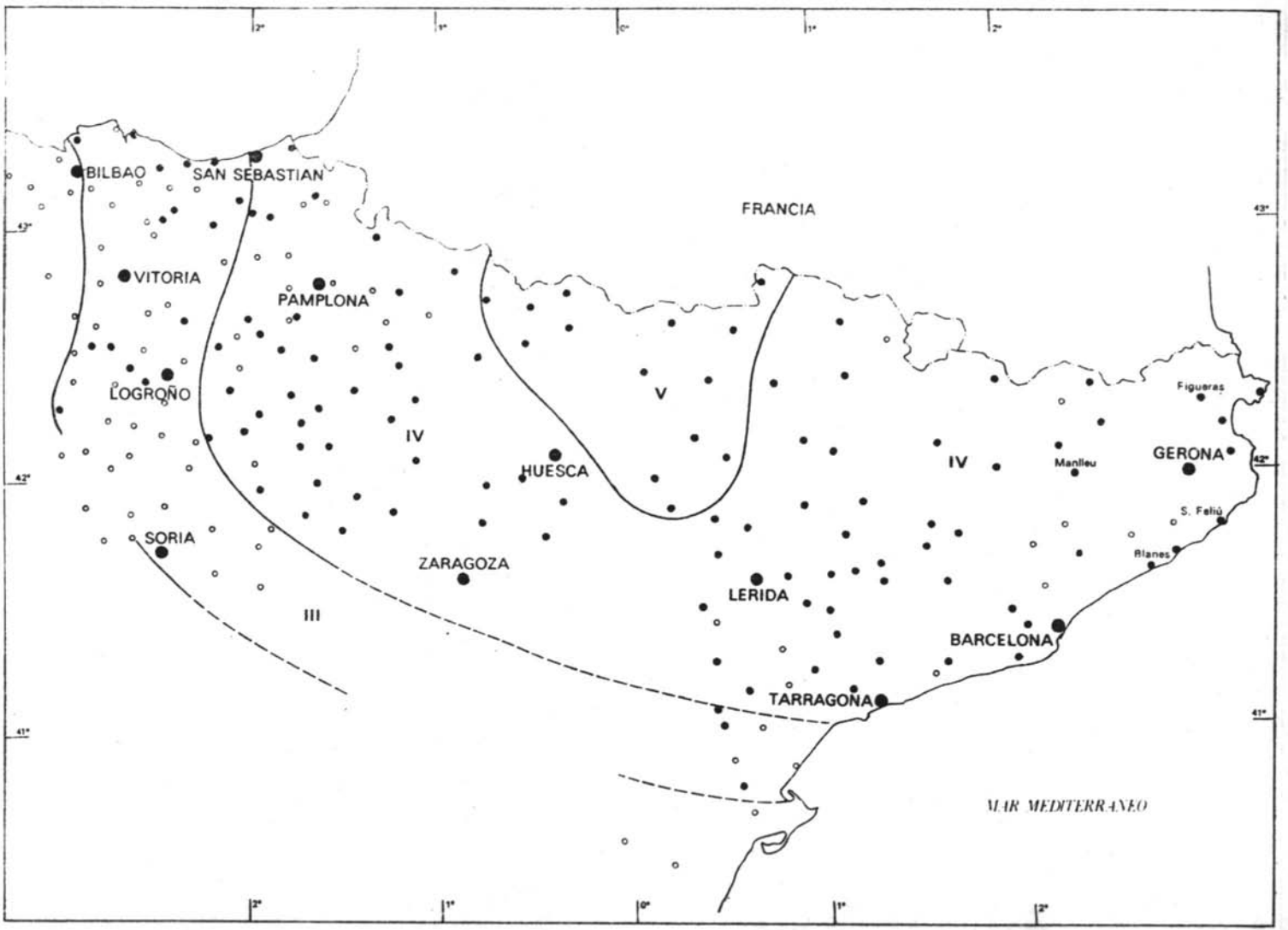

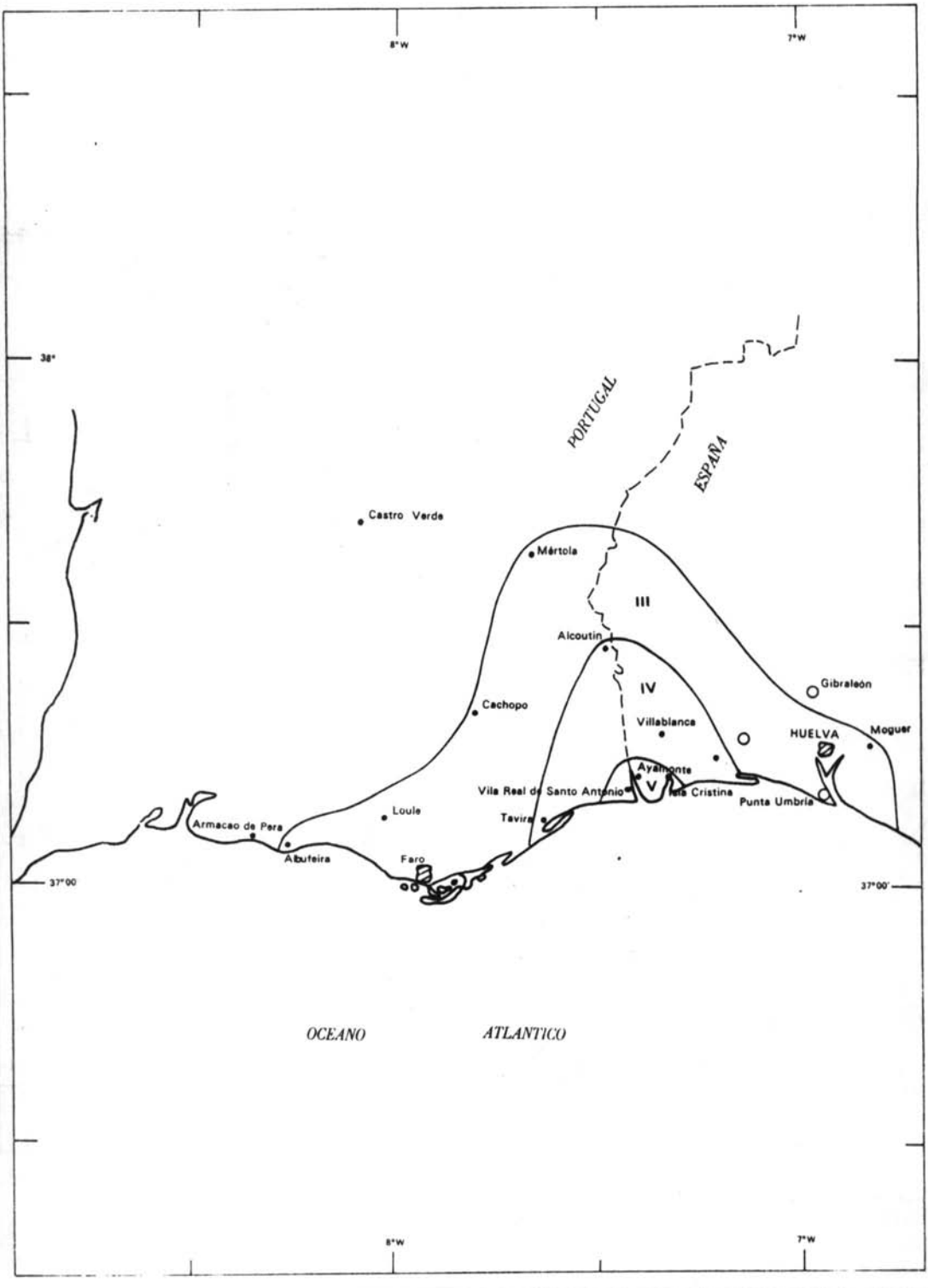

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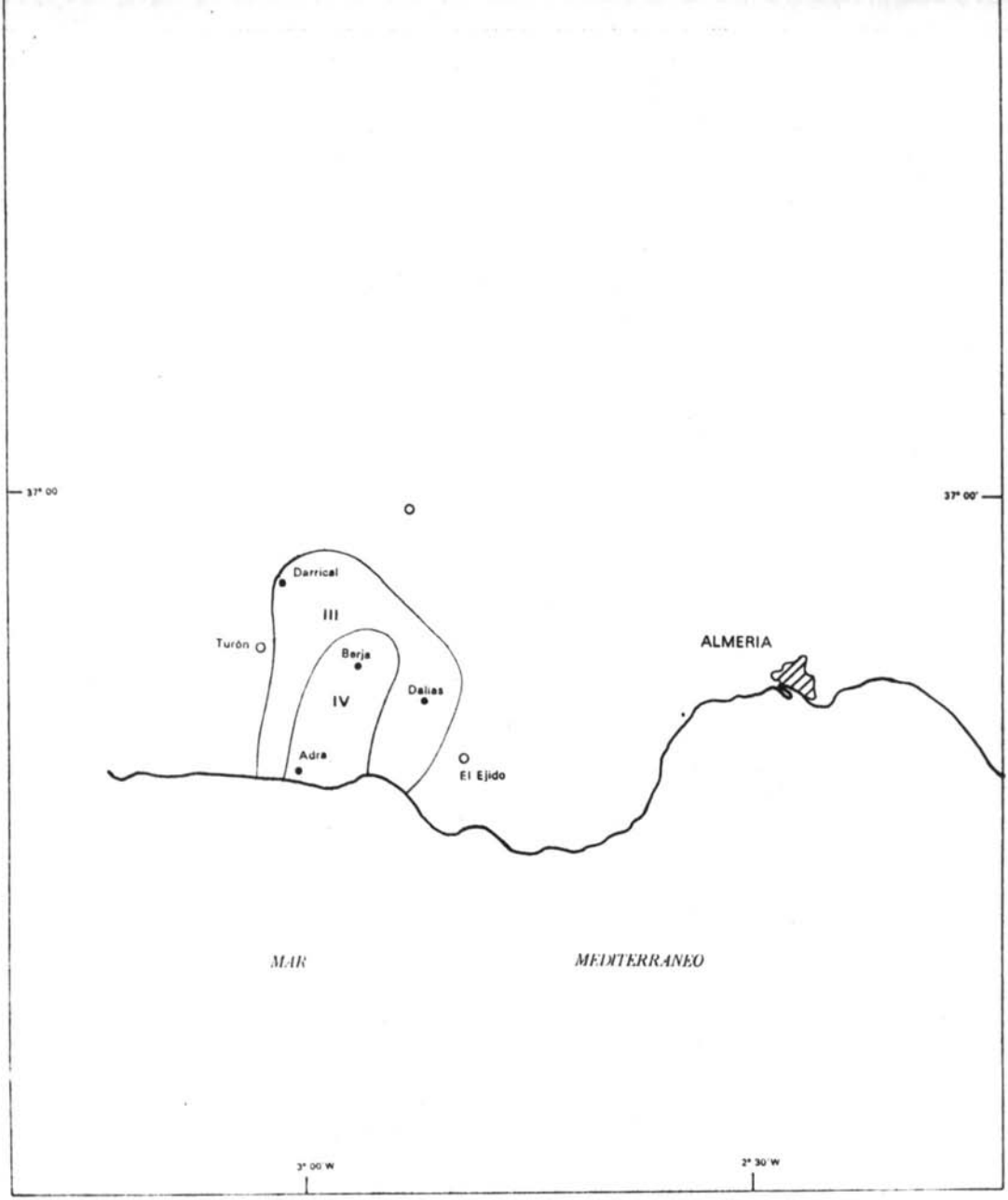

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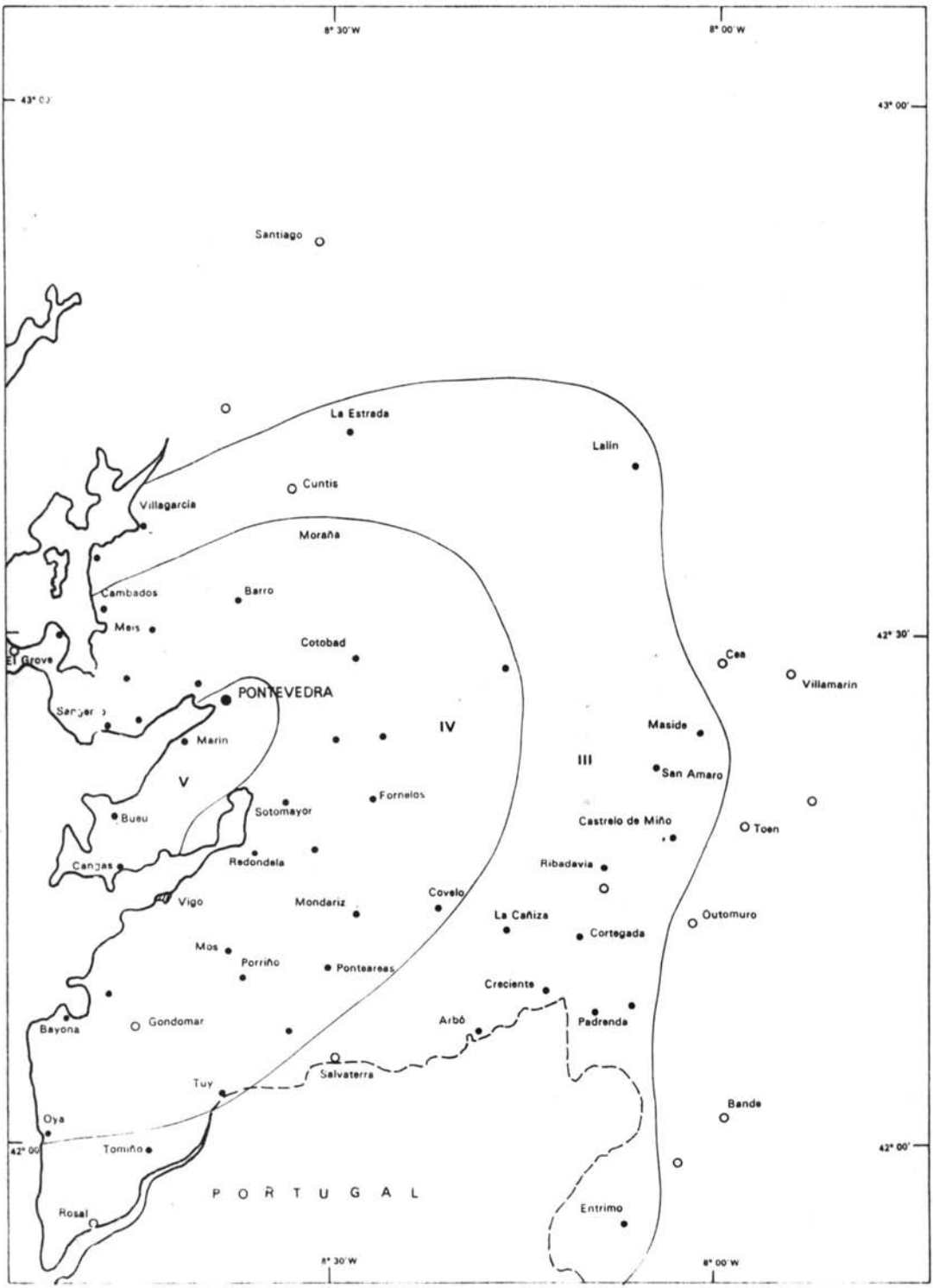

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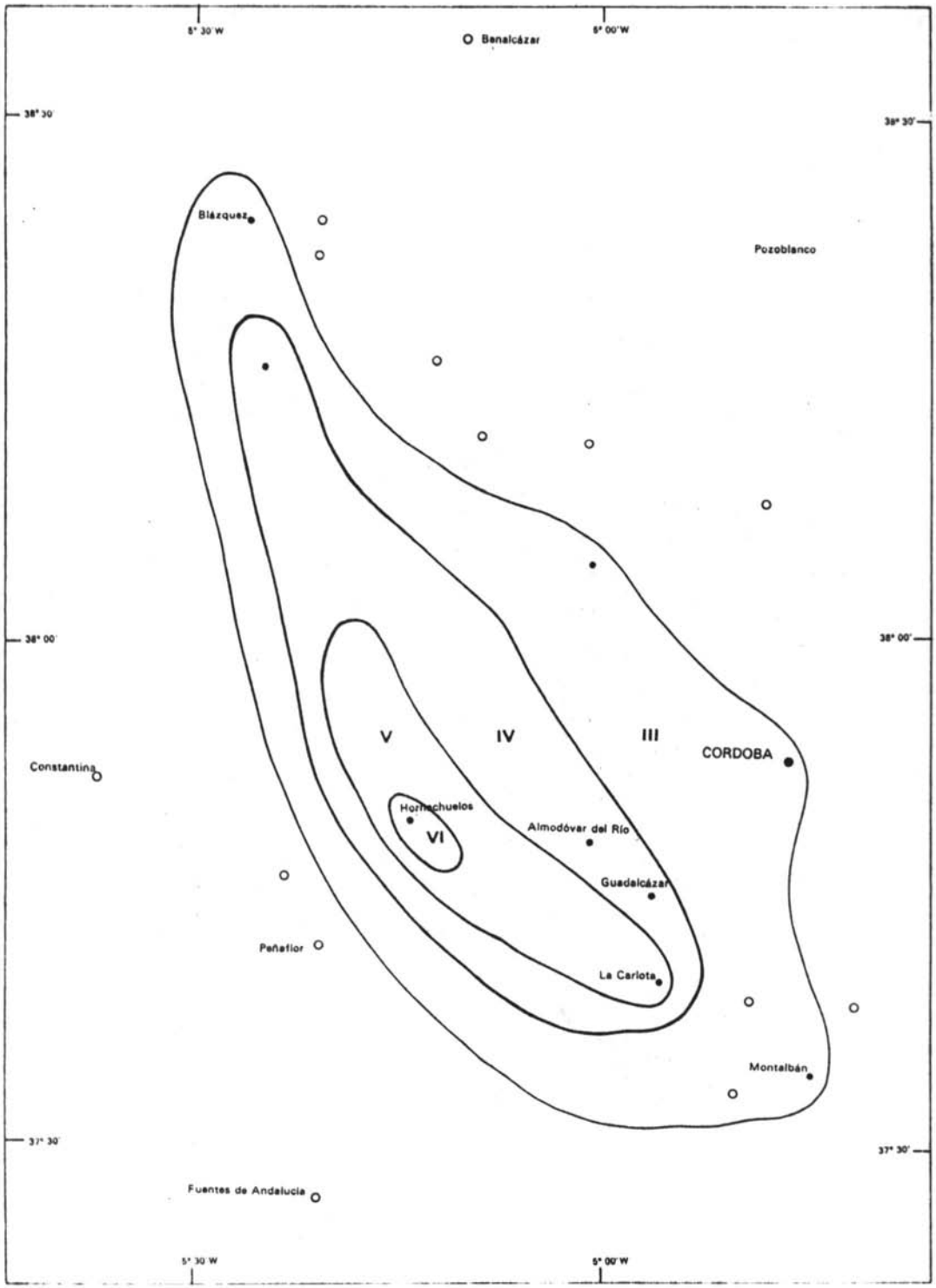

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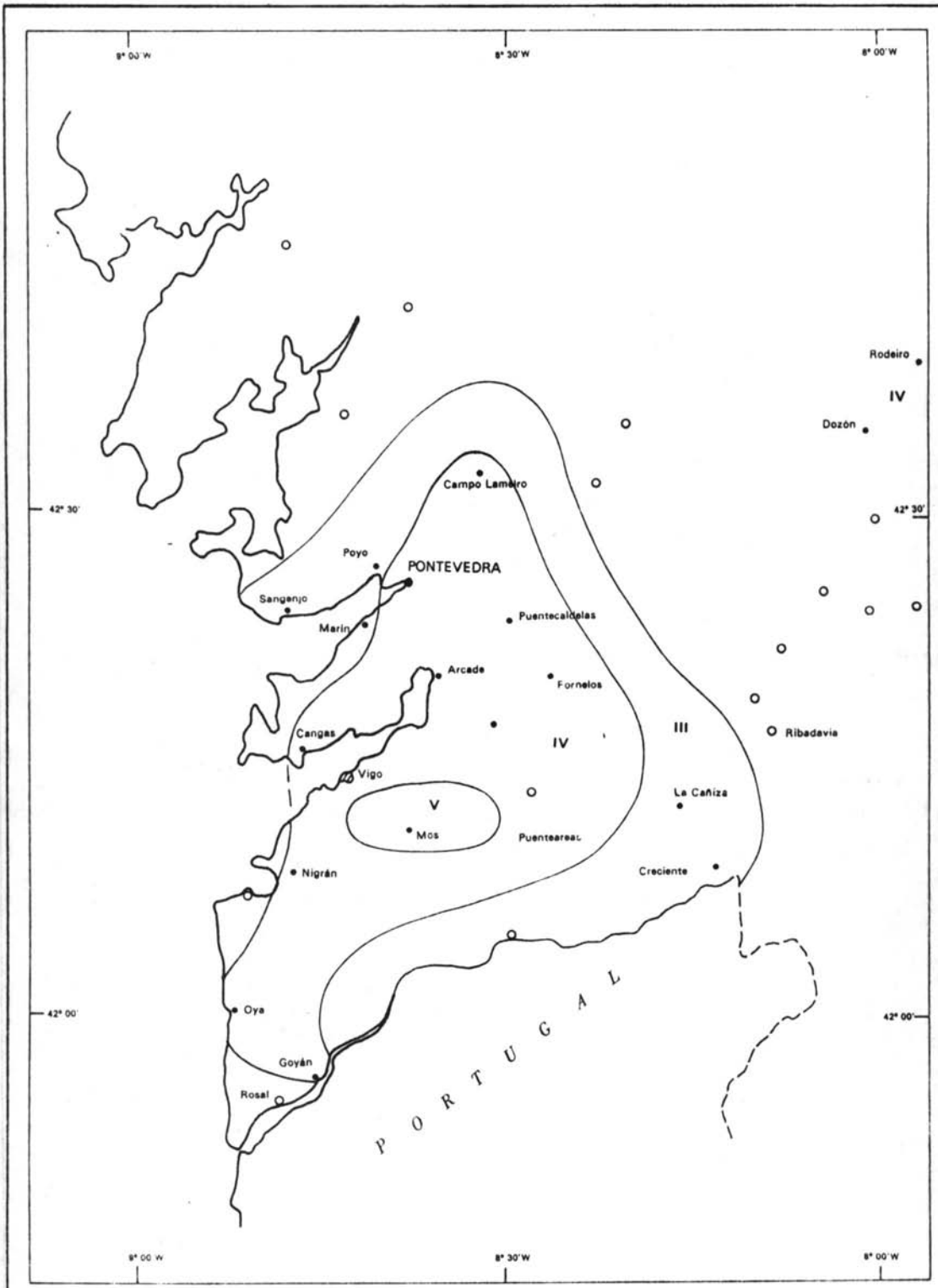

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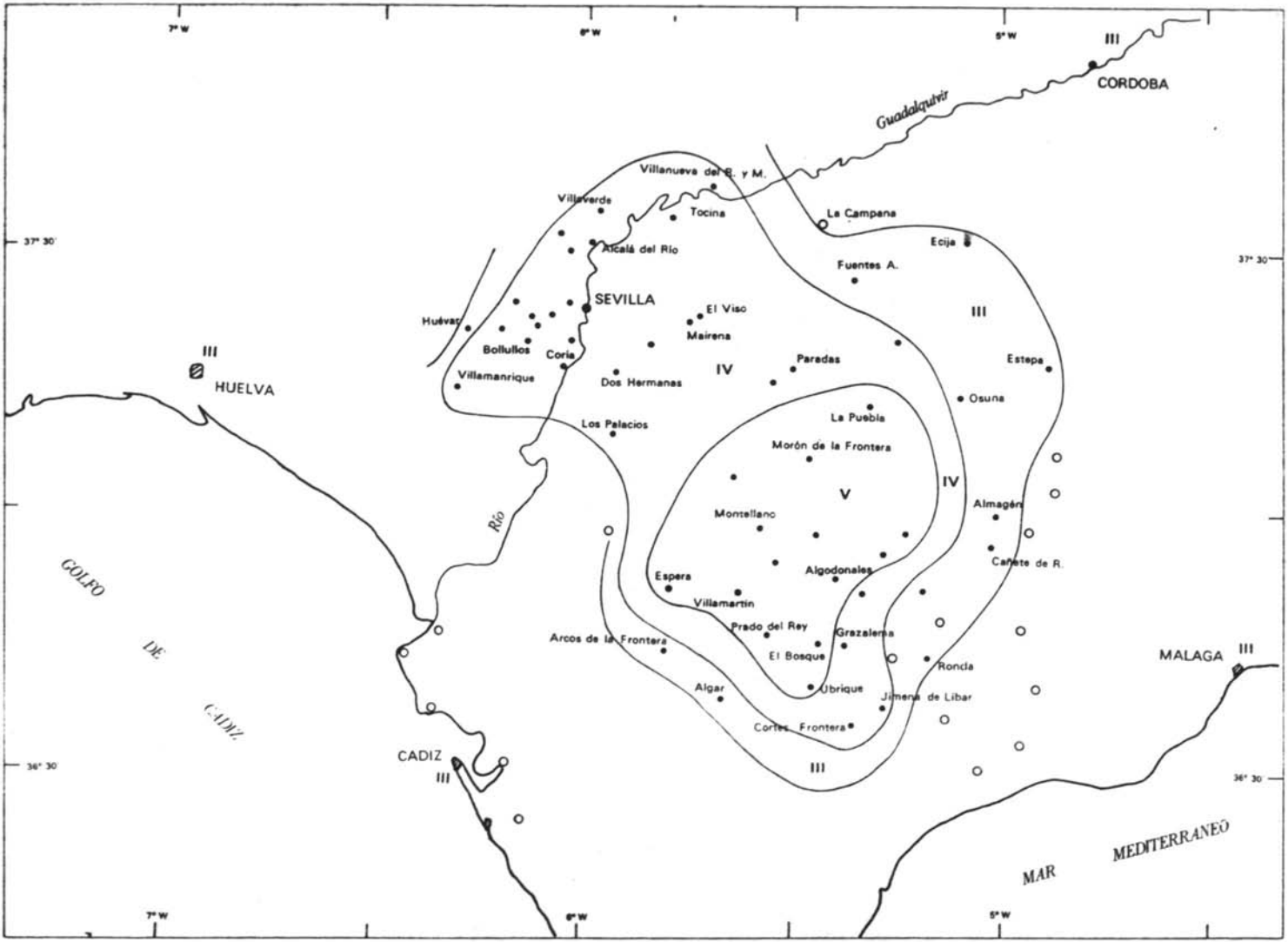

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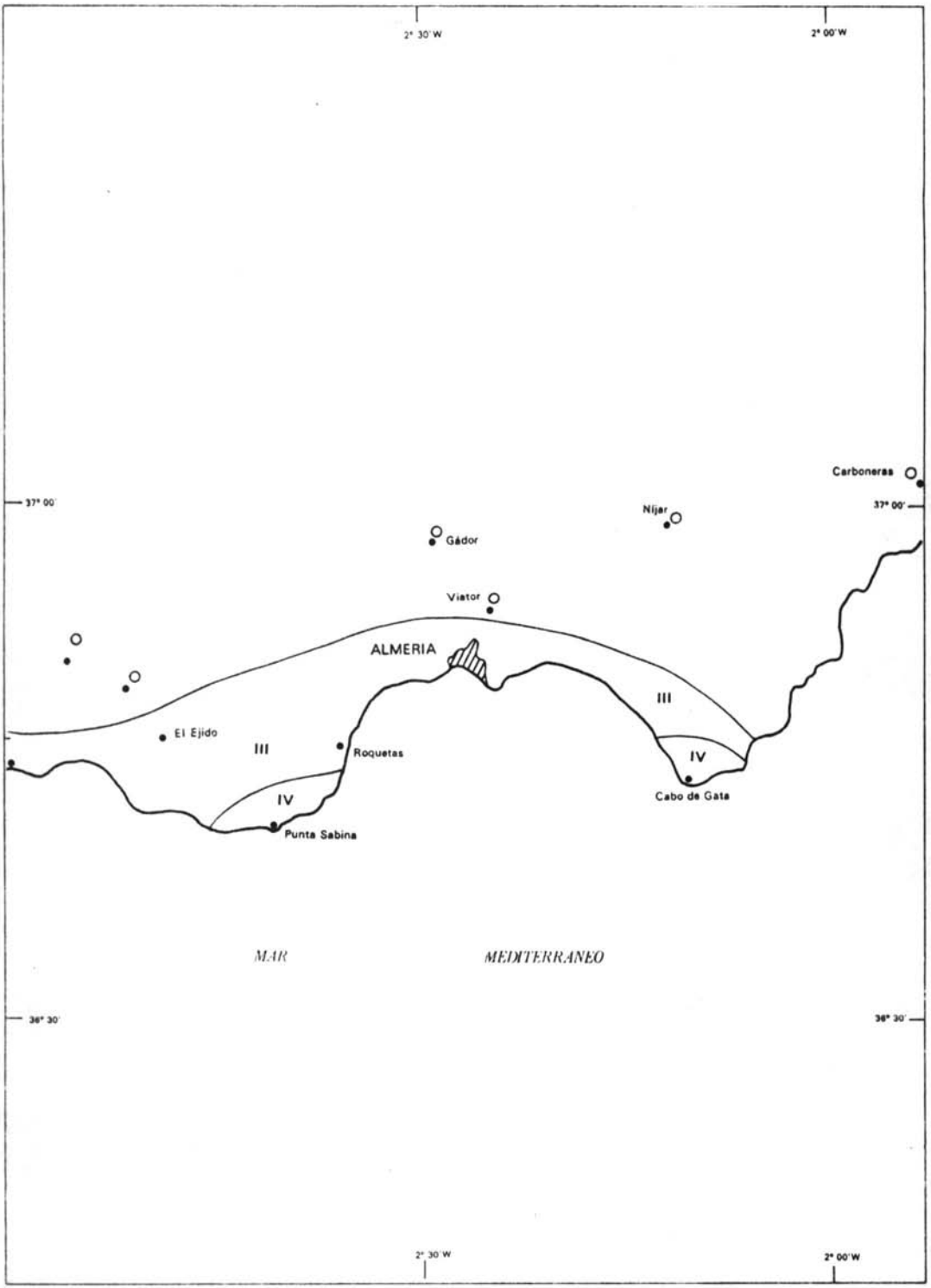

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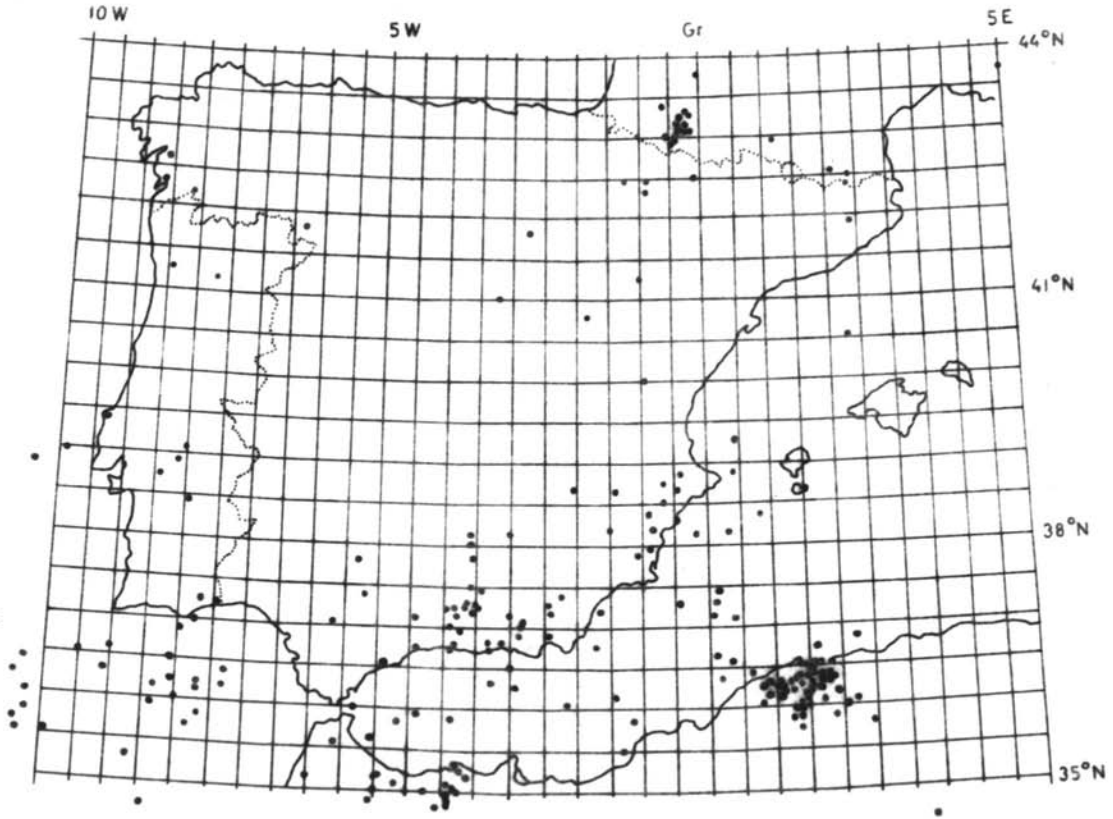
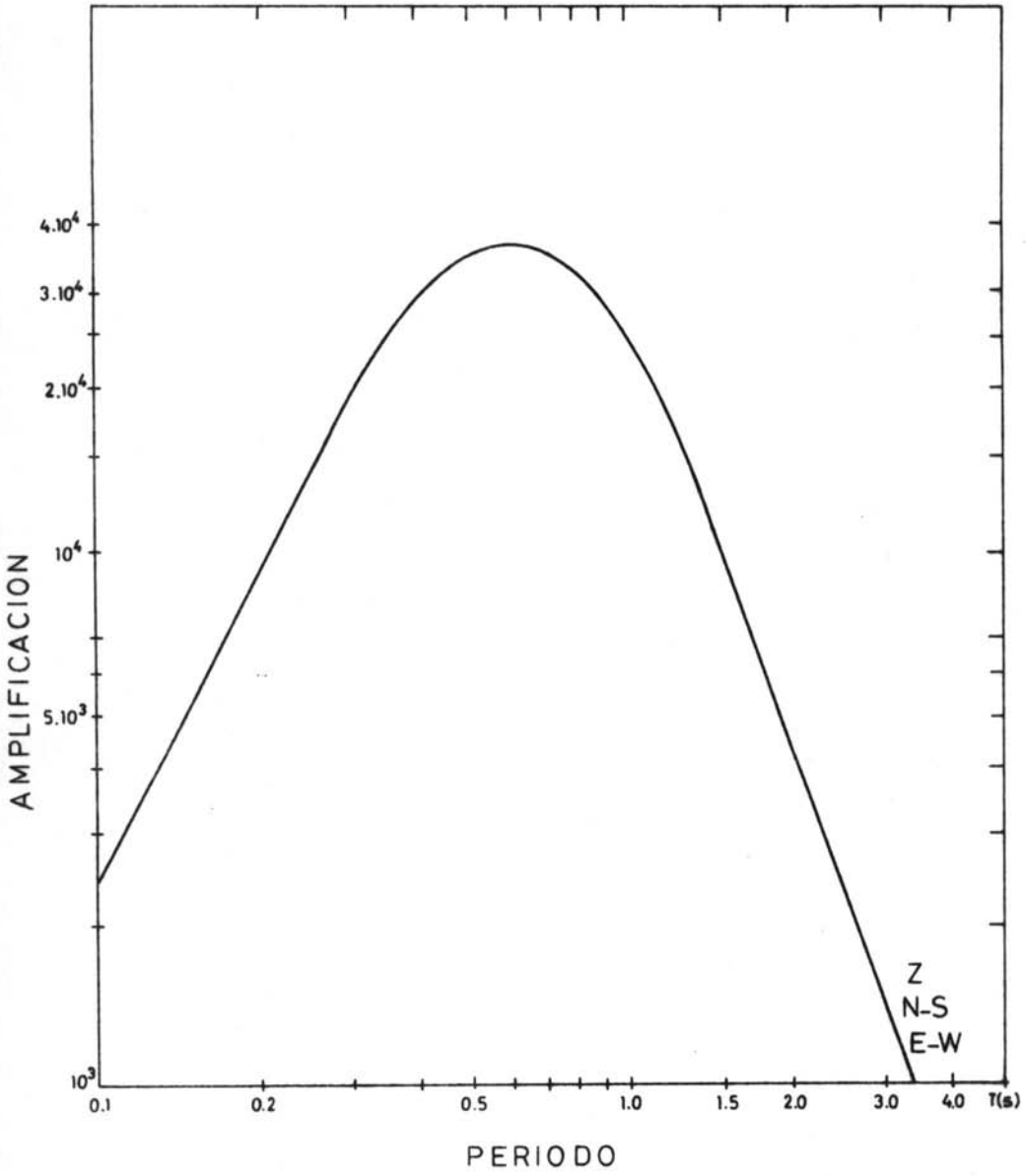


Epicentros localizados en Enero - Diciembre de 1.980



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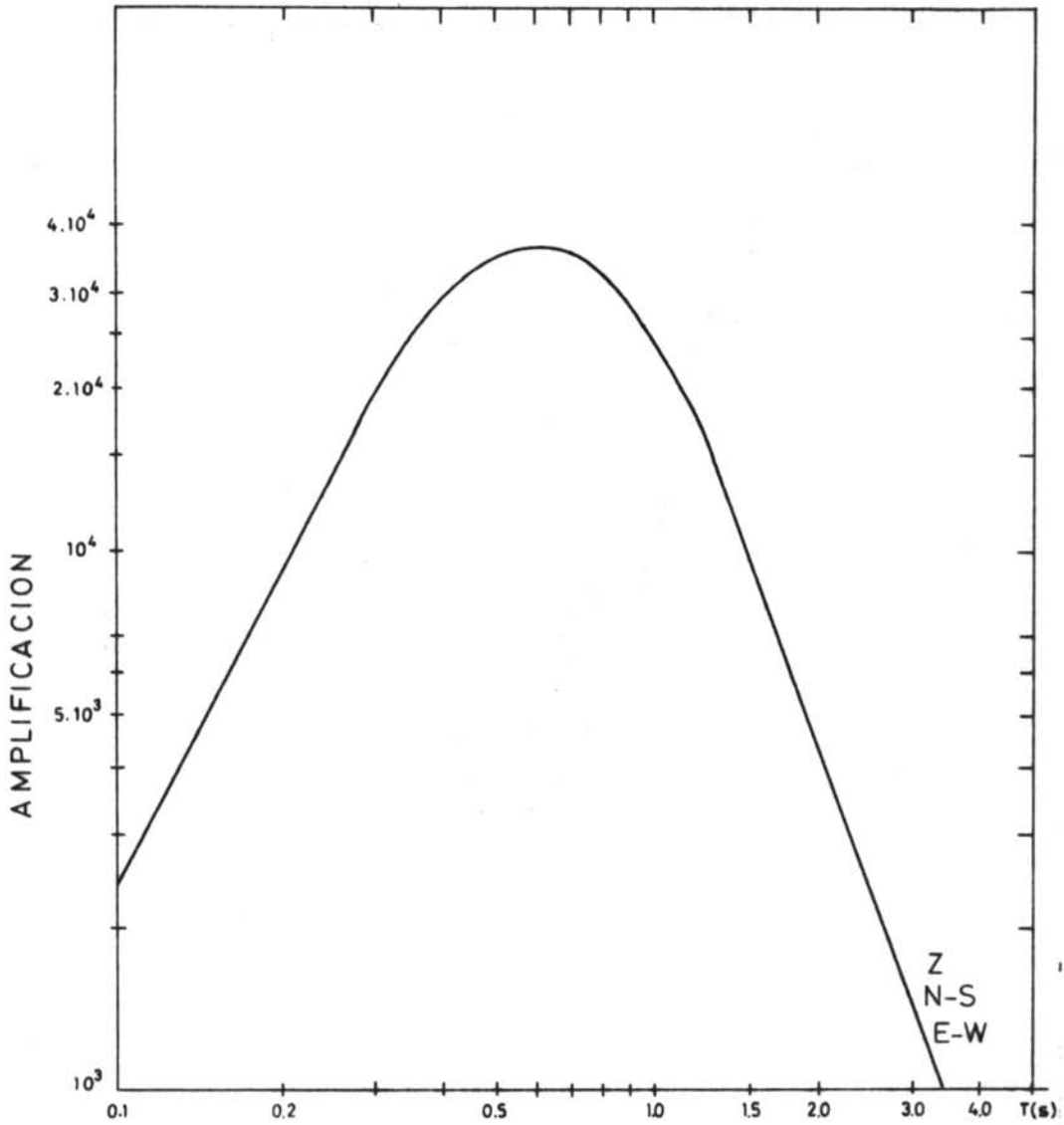

PERIODO

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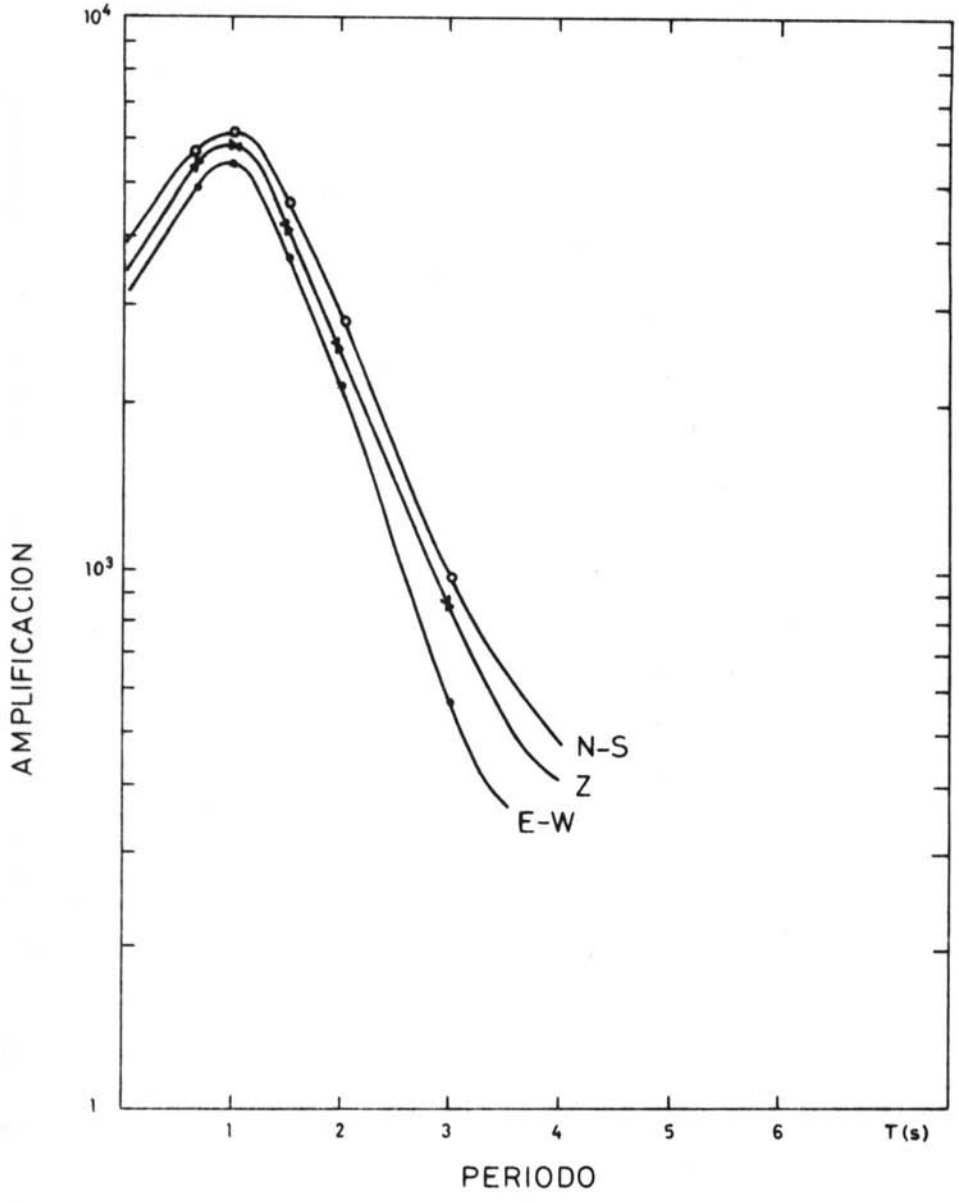

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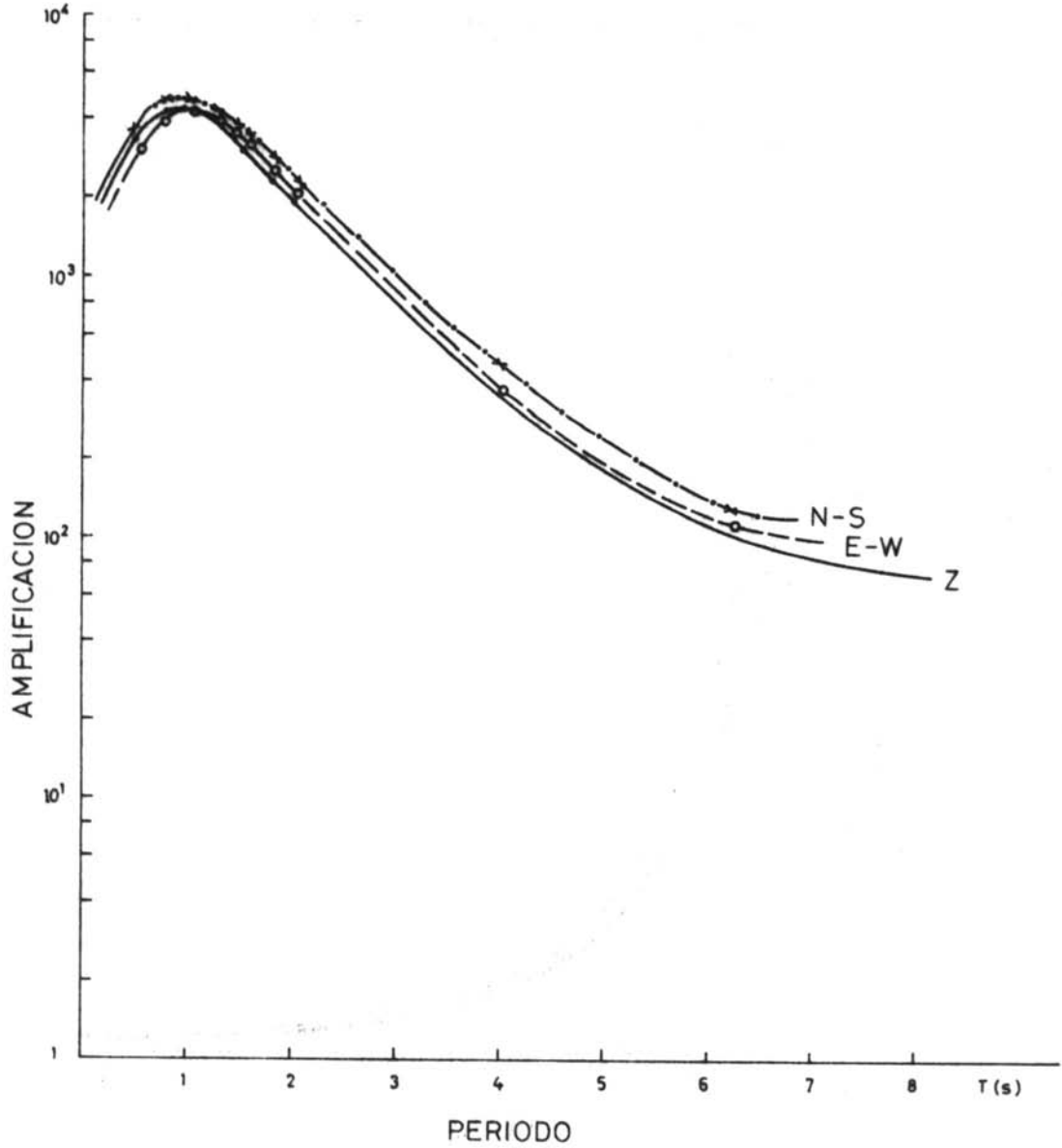

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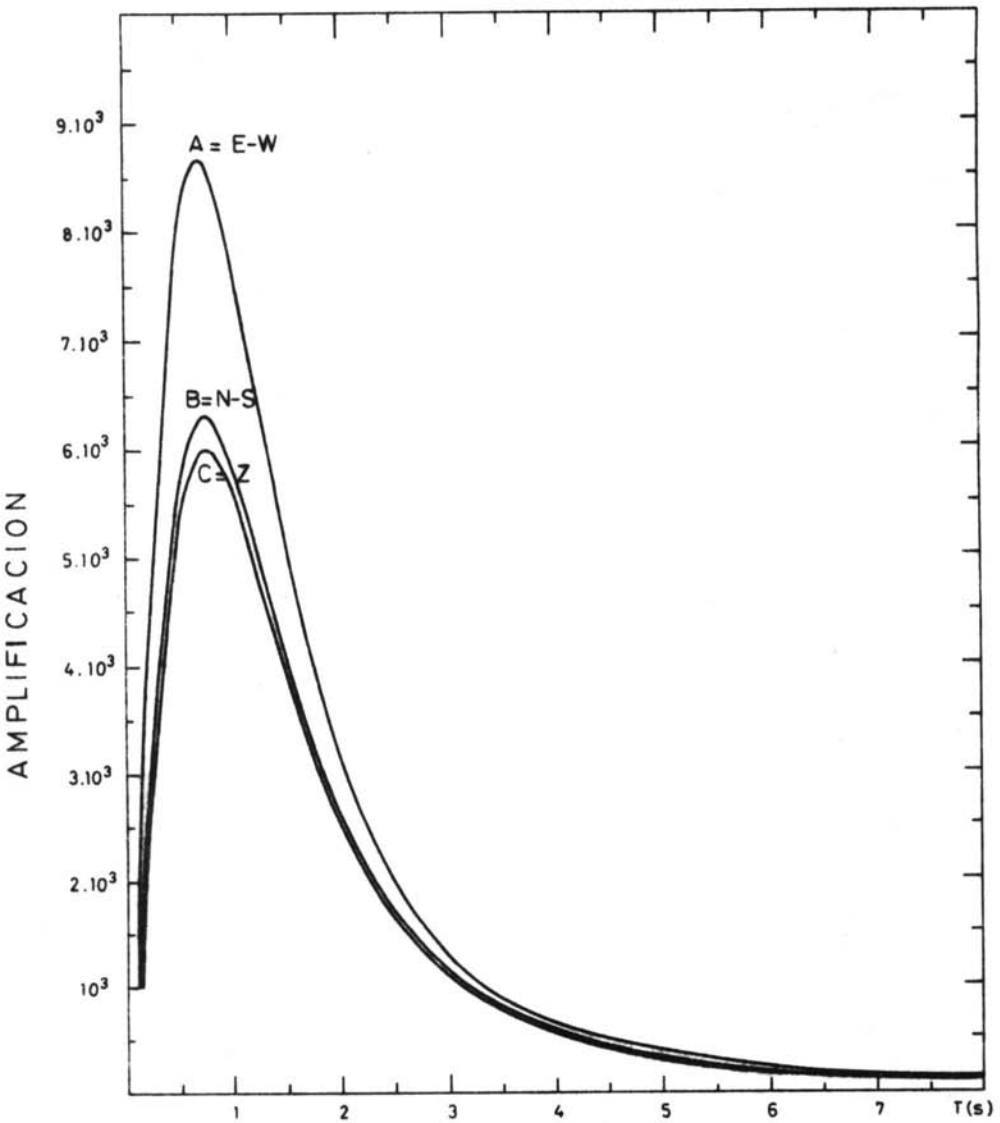

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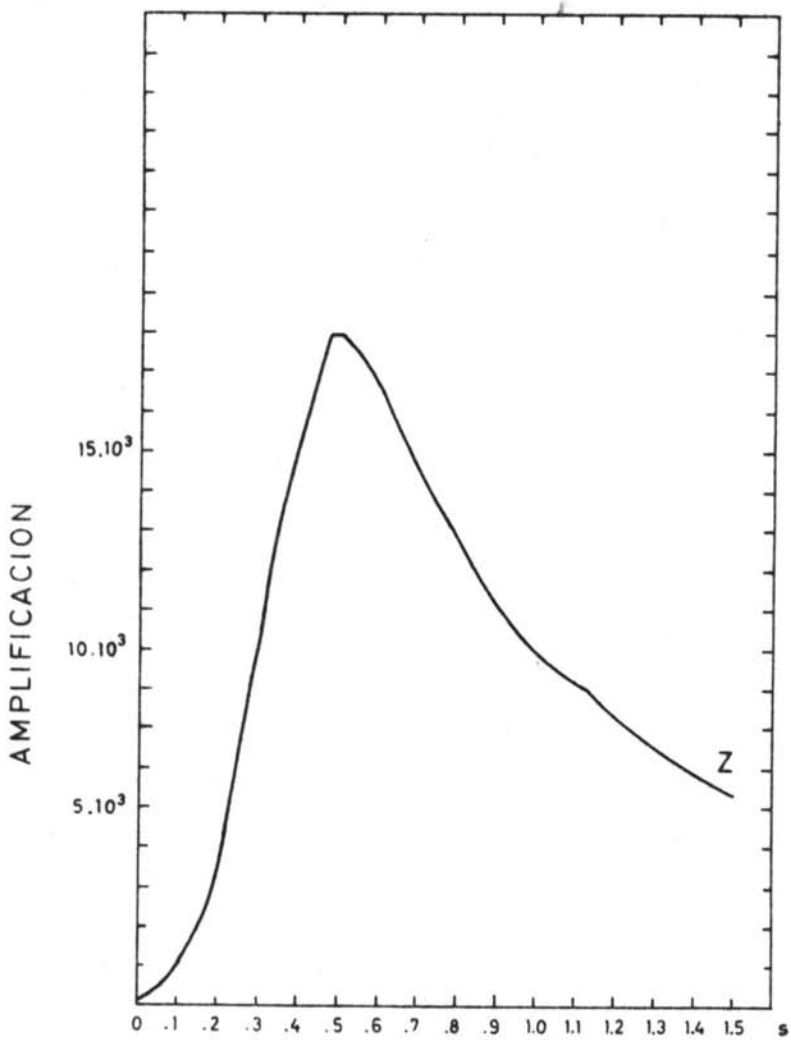

CURVA DE AMPLIFICACION DEL OBSERVATORIO DE SAN FERNANDO