

SEISMOLOGICAL DEPARTMENT
 BOX 2101
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 SWEDEN

SEISMOLOGICAL DEPARTMENT
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 SWEDEN

SEISMOLOGICAL BULLETIN

UPPSALA, KIRUNA, UMEÅ, UDDEHOLM

DELARY and MYRVIKEN

Uppsala	(UPP)	59°51.5'N,	17°37.6'E;	h = 14 m
Kiruna	(KIR)	67°50.4'N,	20°25.0'E;	h = 390 m
Umeå	(UME)	63°48.9'N,	20°14.2'E;	h = 16 m
Uddeholm	(UDD)	60°05.4'N,	13°36.4'E;	h = 240 m
Delary	(DEL)	56°28.2'N,	13°52.2'E;	h = 150 m
Myrviken	(MYV)	62°56.5'N,	14°20.8'E;	h = 345 m

JANUARY 1 - 31, 1994

1994					1994				
Jan.	2	UME	iP	04 00 52.1	Jan.	3	(cont).		
"	2	UPP	iP	04 19 42.6 D			KIR	iP	21 07 00.2 D
		KIR	iP	04 19 50.0 D				P	Z' 0.3 1.1
		UME	iP	04 19 39.7 D			UME	iP	21 06 24.6 D
		Afghanistan-Tajikistan bord reg. (h = 100 km).					Turkey (h = 25 km).		
"	3	UPP	iP	01 37 04.5	"	4	UPP	eP	08 08 58
		KIR	eP	01 36 20			KIR	iP	08 10 01.0
		UME	eP	01 36 43			UME	iP	08 09 32.7
		Vancouver Island region. (h = 20 km).					Strait of Gibraltar (h = 20 km).		
"	3	UPP	iP	06 02 08.0	"	4	UPP	iPKP2	15 09 11.8
		KIR	iP	06 01 51.2			KIR	ePKP	15 08 51
			P	Z' 0.3 1.5			UME	iPKP1	15 09 01.6
		UME	iP	06 01 53.0			Kermadec Islands region (h = N).		
		Qinghai, China (h = 10 km).			"	4	UPP	Mx	20 35
"	3	UPP	iP	06 47 12.4				Mx	Z 7.2 22
							KIR	Mx	20 35
								Mx	Z 6.4 22
"	3	UPP	iPKP2	13 44 45.4			Irian Jaya region, Indonesia (h = 10 km). M = 6.1 (UPP,KIR).		
		KIR	iPKP1	13 44 16.2					
			iPKP2	13 44 29.9					
		UME	ePKP1	13 44 14					
			ePKP2	13 44 34	"	4	UPP	iP	23 39 50.4
		Auckland Islands region (h = 15 km).					KIR	eP	23 38 59
"	3	UPP	iP	21 06 00.6			Rat Islands, Aleutian Islands (h = N).		

(cont).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994			
Jan.	4	UPP iP KIR iP UME iP	23 59 03.4 23 58 38.2 D 23 58 47.4 D	Jan.	7	UPP iP KIR iP UME iP	09 33 33.8 09 33 51.2 09 33 37.8
		Mariana Islands (h = 540 km).				Pakistan (h = 35 km).	
"	5	KIR iPg1 iSg1 UME iSg1	01 17 55.9 01 18 05.3 01 20 03.6	"	7	UPP iP KIR iP UME iP	11 17 14.2 11 17 17.1 11 17 11.0
		Lappland, Sweden, 68.4°N, 18.9°E. Origin time = 01 17 43. $M_L(\text{UPP}) = 2.0$ 1. By combination with Norwegian station readings.				Northern Sumatera, Indonesia (h = 170 km).	
"	5	KIR iP UME iP i	01 22 58.9 01 23 29.0 01 23 34.3	"	7	KIR iP UME eP	18 44 12.0 18 44 25
		Northern Alaska (h = 10 km).				Philippine Islands region (h = 40 km).	
"	5	UPP iP KIR iP UME iP	04 36 46.8 04 36 21.7 D 04 36 30.4 D	"	7	UPP iP KIR iP ipP P UME iP ipP	19 36 31.8 19 36 35.2 19 36 45.0 micr sec Z' 0.5 1.8 19 36 29.7 19 36 39.3
		Mariana Islands (h = 590 km).				Southern Sumatera, Indonesia (h = N).	
"	5	UPP iP i iS KIR iP	13 28 29.6 D 13 29 51 13 31 59 13 29 46.1 D	"	7	UPP iP KIR eP UME eP	22 07 43.0 22 07 41 22 07 30
		micr sec P Z' 2.0 1.0 Mx Z 1.6 9 UME iP 13 29 07.7 D Southern Italy (h = 270 km).		"	8	UPP iP KIR iP UME iP	06 11 48 06 12 00.4 06 11 45.8
"	7	UME iPKP	02 19 08.9	"	9	UPP eP UME iP	12 11 53 12 11 51.5
		South of Fiji Islands (h = 590 km).				Afghanistan-Tajikistan bord reg. (h = N).	
"	7	UPP iP iS Mx KIR iP	03 53 12.3 04 01 44 micr sec Z 5.6 18 03 52 22.0	"	9	UPP iSg1 DEL iPg1 iSg1	14 24 19.0 14 22 27.1 14 22 41.5
		micr sec P Z' 0.3 1.0 Mx Z 4.2 18 UME iP 03 52 44.9 Off east coast of Kamchatka (h = 55 km). M = 5.6 (UPP,KIR).				Off coast of Halland, Sweden, 56.9°N, 12.2°E. Origin time = 14 22 08. $M_L(\text{UPP}) = 2.1$ 1. By combination with Norwegian station readings.	

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1994				1994			
Jan.	9	UPP	iP	21 39 44.2	Jan.	11	(cont).
		KIR	iP	21 38 56.0			KIR iP 07 29 15.6
		UME	iP	21 39 18.3			micr sec
		Kuril Islands (h = 70 km).					P Z' 0.3 1.0
"	9	UPP	eP	22 03 28			Mx Z 9.6 15
		UME	iP	22 03 27.7			UME iP 07 28 39.4
		Hindu Kush region, Afghanistan (h = 10 km).					Central Mediterranean Sea (h = 35 km). M = 5.5 (UPP,KIR).
"	9	UPP	eP	23 10 55	"	11	UPP iP 09 05 04.2
		UME	iP	23 10 53.8			iS 09 09 22.5
		Hindu Kush region, Afghanistan (h = N).					KIR iP 09 06 16.0
							UME iP 09 05 38.4
"	10	UPP	iP	16 06 32.7			Central Mediterranean Sea (h = 30 km).
		KIR	iP	16 06 46.0	"	11	UPP iP 22 04 14.4
				micr sec			
				P Z' 0.2 1.1	"	12	KIR iPKP 10 29 33.5
		UME	iP	16 06 39.7			South Sandwich Islands region (h = N).
			i	16 06 43.7			
		Peru-Bolivia border region (h = 600 km).					
"	11	UPP	iP	01 02 27.5	"	12	UPP iP 10 30 34.8
			iS	01 11 02			micr sec
				micr sec			Mx Z 3.3 13
			Mx	Z 13 17			KIR iP 10 30 37.3
		KIR	iP	01 02 18.6			micr sec
				micr sec			Mx Z 2.7 15
			P	Z' 0.7 1.1			UME iP 10 30 28.5
				micr sec			Southern Xinjiang, China (h = 30 km). M = 5.3 (UPP,KIR).
			Mx	Z 6.3 10	"	12	UPP iP 10 56 11.2
		UME	iP	01 02 17.1			KIR iP 10 57 24.0
		Myanmar-China border region (h = 10 km). M = 6.1 (UPP,KIR).					UME iP 10 56 44.8
"	11	UPP	iP	02 28 33.7			Crete (h = 10 km).
		KIR	iP	02 28 23.9	"	12	UPP iP 19 34 49.5
		UME	iP	02 28 24.6			KIR iP 10 36 00.4
		Myanmar-China border region (h = 30 km).					UME iP 19 35 20.7
"	11	UPP	iP	07 28 04.5			Central Mediterranean Sea (h = 40 km).
			iS	07 32 21.2	"	13	KIR iP 01 34 26.2
				micr sec			Southern Xinjiang, China (h = N).
			Mx	Z 8.6 13	"	13	KIR iP 20 40 00.8
							UME iP 20 41 03.4
							Northern Molucca Sea (h = 20 km).

(cont).

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1994				1994				
Jan.	14	UME	iPg1 iSg1	04 00 13.6 04 00 18.9	Jan.	17	KIR eP UME eP	09 52 43 09 52 25
				Gulf of Bothnia, 65.5°N, 20.8°E. Origin time = 04 00 07. By combination with Finnish station readings.				Western Iran (h = N).
"	14	UPP	iP	06 12 44.3	"	17	UPP iP KIR eP UME iP	12 17 03.5 12 17 20 12 17 53.0
		KIR	iP	06 13 56.5				
		UME	iP	06 13 24.4	"	17	UPP iP iPP iS iPPS	12 43 01.3 12 46 07 12 53 02 12 53 58
				Ionian Sea (h = 30 km).				micr sec
"	14	UPP	iP	10 48 23.5			Mx	Z 115 16
"	14	UPP	iP	13 46 36.0		KIR	iP	12 42 30.6 C
"	15	UME	iP	04 02 45.8			ipP iPP	12 42 37.1 12 45 21.1
"	15	UPP	iP	07 55 58.2			P	Z' 1.95 1.6
		UME	iP	07 55 54.6			Mx	Z 84 15
				Northern Molucca Sea (h = 30 km).		UME	iP	12 42 47.4
"	15	UPP	iP	23 20 27.6			ipP iPP	12 42 54.1 C 12 45 46.9
		KIR	iP	23 20 17.2				Southern California. h = 20 km (KIR,UME). M = 7.2 (UPP,KIR).
		UME	iP	23 20 19.6				
				Minahassa Peninsula, Sulawesi. (h = 130 km).	"	17	KIR iP UME iP	14 07 32.3 14 07 54.5
"	16	KIR	iP	05 39 41.7				Southern California (h = 20 km).
		UME	iP	05 39 54.3	"	17	KIR iPg1 iSg1 i	20 09 31.8 20 09 51.4 20 09 53.9
				Near s. coast of Honshu, Japan (h = 280 km).			UME iSg1	20 11 03.7
"	16	UPP	iP	17 06 48.5				Northern Finland, 67.4°N, 24.3°E. Origin time = 20 09 04. M _L (UPP) = 2.7 1. Felt. By combination with Finnish station readings.
				micr sec				
			Mx	Z 1.7 11				
		KIR	eP	17 06 18				
				micr sec				
			Mx	Z 0.8 8				
		UME	iP	17 06 26.9				
				Mongolia (h = 10 km).	"	17	UME iP	20 57 49.7
"	17	UPP	iP	07 31 16.5				Southern California (h = 10 km).
		KIR	iP	07 30 53.8	"	17	UPP iP iPP iS	23 45 38.0 23 48 42 23 55 39
		UME	iP	07 31 00.8				micr sec
				Taiwan region (h = 130 km).			Mx	Z 9.5 17
"	17	UPP	iP	09 08 12.5				

(cont).

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1994				1994					
Jan.	17	(cont). KIR	iP	23 45 01.4	Jan.	19	UPP eP KIR iP Mongolia (h = N).	05 08 32 05 27 54.5	
			P	Z' 1.1 2.7		"	19	UPP iP KIR iP UME iP Luzon, Philippine Islands. (h = 200 km).	11 30 07.6 11 29 48.3 11 29 56.2
			Mx	Z 8.2 17					
		UME	iP	23 45 23.2					
		Southern California (h = 10 km). M = 6.1 (UPP,KIR).							
"	18	UPP	iP	00 55 14.3	"	19	UPP eP Southern California (h = 15 km).	14 21 23	
		KIR	eP	00 54 40					
			P	Z' 0.6 2.5		"	19	UPP iPKP KIR iPKP UME ePKP iSKP1 Fiji Islands region (h = 530 km).	16 45 06.8 16 44 56.4 16 44 58 16 47 39.4
		UME	iP	00 55 00.4					
		Southern California (h = 10 km).							
"	18	UME	iP	15 35 40.2					
		Southern California (h = 10 km).							
"	18	UPP	eP	23 16 08	"	20	UPP iP KIR iP P Z' 0.3 2.1 UME iP Taiwan (h = 35 km).	06 01 55.9 06 01 34.1 06 01 41.6	
		KIR	eP	23 17 15					
		Eastern Mediterranean Sea (h = 45 km).							
"	19	UPP	eP	01 27 50	"	20	UPP iP P Z' 0.1 0.9 KIR iP UME iP Northern Peru. (h = 120 km).	09 20 13.6 09 20 17.5 09 20 17.8	
		UME	eP	01 27 35					
		Off coast of Oregon (h = 10 km).							
"	19	UPP	iPdiff	02 07 48.1	"	20	UPP iP KIR eP UME iP North of Ascension Island. (h = 10 km).	17 16 14.8 23 16 22 23 15 58.5	
			iPP	02 12 26					
			iSKS	02 18 26					
			iS	02 19 42					
			iPS	02 21 30					
			iSS	02 27 18					
				micr sec					
		Mx	Z	73 20					
		KIR	iP	02 07 27.9					
				micr sec					
		Mx	Z	44 20					
		UME	iP	02 07 35.1	"	20	UPP eP UME iP Kyrgyzstan (h = N).	23 19 47 23 19 42.2	
			iPP	02 11 36.0					
		Irian Jaya region, Indonesia (h = 25 km). M = 7.1 (UPP,KIR).							
"	19	UPP	iP	02 23 18.2	"	21	KIR iSg1 UME iPg1 iSg1	01 28 12.6 01 27 23.8 01 28 16.7	
		KIR	iP	02 23 36.5					
		UME	iP	02 23 28.1					

(cont).

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1994				1994			
Jan.	21	(cont). MYV iSg1 01 27 49.0 Coast of central Norway, 66.0°N, 11.9°E. Origin time = 01 26 12. $M_L(\text{UPP}) = 2.9 (0.10) 2.$ By combination with Finnish station readings.		Jan.	24	UPP iP 20 05 35.1 KIR iP 20 04 47.1 UME iP 20 05 12.5 Kuril Islands (h = 50 km).	
"	21	UPP eP 02 38 07 iPP 02 42 15 iSKS 02 48 48 iS 02 49 36 micr sec Mx Z 109 19 KIR iP 02 37 56.0 micr sec P Z' 0.4 1.0 Mx Z 41 18 UME iP 02 37 59.1 Halmahera, Indonesia (h = 20 km). M = 7.1 (UPP,KIR).		"	25	UPP eP 07 23 26 iS 07 32 18 micr sec Mx Z 8.5 16 KIR iP 07 23 54.2 micr sec Mx Z 4.1 15 UME iP 07 23 45.8 Northern Mid-Atlantic Ridge (h = 30 km). M = 5.9 (UPP,KIR).	
"	21	UPP eP 14 35 54 Qinghai, China (h = 40 km).		"	25	UPP iP 08 51 46.3 micr sec P Z' 0.1 1.0 KIR iP 08 50 54.7 micr sec P Z' 0.1 0.7 UME iP 08 51 18.4 Near east coast of Kamchatka (h = 140 km). m = 5.9 (UPP,KIR).	
"	21	UPP iP 18 13 17.6 micr sec P Z' 0.1 0.7 KIR iP 18 13 18.7 micr sec P Z' 0.8 1.0 UME iP 18 13 14.1 Southern Sumatera, Indonesia (h = 90 km). m = 6.6 (UPP,KIR).		"	25	UPP eP 18 02 40 KIR eP 18 02 44 UME iP 18 02 36.7 Afghanistan-Tajikistan bord reg. (h = N).	
"	24	UPP iP 05 25 59.2 Russia-Mongolia border region (h = N).		"	25	UPP eP 19 28 46 KIR eP 19 28 53 UME iP 19 28 43.4 Kyrgyzstan (h = N).	
"	24	UPP iP 16 25 05.1 Halmahera, Indonesia (h = 25 km).		"	25	UPP iP 21 39 12.6 KIR iP 21 39 23.2 micr sec P Z' 0.1 0.7 UME iP 21 39 10.7 Afghanistan-Tajikistan bord reg. (h = 220 km).	
"	24	UPP iP 18 53 23.2 KIR iP 18 52 34.6 UME iP 18 52 55.8 Northwest of Kuril Islands. (h = 390 km).		"	26	UPP iP 02 35 41.9 KIR iP 02 36 34.4 UME iP 02 36 06.2 Ethiopia (h = 10 km).	

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1994				1994				
Jan.	26	UPP	iP	10 14 57.2	Jan.	27	(cont).	
			ipP	10 15 06.8			UME iP	00 41 43.9
				micr sec			Minahassa Peninsula, Sulawesi (h = 160 km).	
			P	Z' 0.1 1.0				
		KIR	iP	10 14 16.0	"	27	UPP iP	04 46 37.1
				micr sec			UME iP	04 46 27.3
			P	Z' 0.2 1.0			Qinghai, China (h = N).	
		UME	iP	10 14 33.2				
		Hokkaido, Japan region (h = 30 km).						
		m = 6.0 (UPP,KIR).						
"	26	UPP	iP	12 11 47.2			UPP eP	09 40 50
				micr sec			KIR iP	09 40 50.2
			P	Z' 0.1 1.0			UME iP	09 40 46.2
		KIR	iP	12 10 17.6			Southern Sumatera, Indonesia (h = 80 km).	
				micr sec	"	27	UPP iP	17 32 04.6
			P	Z' 0.2 1.1			KIR iP	17 31 33.2
		UME	iP	12 11 05.9			Southern California (h = 15 km).	
		Greenland Sea (h = 10 km).						
		m = 5.5 (UPP,KIR).			"	28	UPP iP	01 14 46.3
"	26	KIR	e	17 28 35.5			KIR iP	01 13 58.2
			iPg1	17 28 37.2			UME iP	01 14 18.5
			iSg1	17 29 14.3			Southeastern Siberia, Russia (h = 20 km).	
		UME	i	17 29 35.4	"	28	UPP eP	07 19 56
			iSg1	17 29 53.9			UME eP	07 20 32
			i	17 29 58.2			Southern Greece (h = 80 km).	
		Near coast of northern Norway, 66.9°N, 13.8°E.			"	28	UPP iP	11 57 32.0
		Origin time = 17 27 45.					KIR iP	11 58 27.6
		$M_L(\text{UPP}) = 2.7 (0.09) 2.$					Turkey (h = 15 km).	
		By combination with Finnish station readings.			"	28	UPP iP	15 50 19.8
"	26	UPP	eP	21 59 54			i	15 50 26.6
		KIR	eP	21 59 41			iS	15 54 32
		UME	iP	21 59 42.9				micr sec
		Philippine Islands region (h = 50 km).					P	Z' 0.1 1.0
"	26	UME	iP	22 03 40.1			P	Z' 0.2 1.0
		Western Nei Mongol, China (h = N).					Mx	Z 6.5 9
"	27	UPP	iPKP	00 37 29.5			KIR iP	15 51 32.5
		KIR	ePKP	00 37 15				micr sec
		UME	ePKP	00 37 25			P	Z' 0.1 1.0
		Tonga Islands (h = N).					Mx	Z 2.5 10
"	27	UPP	iP	00 41 53.9			UME iP	15 50 55.0
		KIR	iP	00 41 45.2			Turkey (h = 5 km).	
		(cont).					m = 5.6, M = 5.2 (UPP,KIR).	
"	27	UPP	iP	00 41 53.9	"	29	UPP iP	11 32 43.2
		KIR	iP	00 41 45.2			KIR iP	11 32 08.7
		(cont).					(cont).	

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1994

Jan.	29	(cont).			
		UME	iP	11 32	29.4
		Southern California (h = 0 km).			
	29	UPP	iP	13 58	13.1
		KIR	iP	13 59	29.1
		UME	iP	13 58	49.6
		Ionean Sea (h = 60 km).			
"	29	UME	iP	18 38	42.2
		Myanmar-India border region (h = 90 km).			
"	29	UPP	eP	22 25	13
		Afghanistan-Tajikistan bord reg. (h = N).			
"	30	UPP	iPKP2	18 35	30.0
		KIR	iPKP1	18 34	57.2
		UME	iPKP	18 35	04.1
		South of Kermadec Islands (h = 170 km).			
"	30	UPP	iPKP1	21 17	19.7
		KIR	iPKP	21 17	05.3
		UME	iPKP	21 17	23.5
		Kermadec Islands, New Zealand (h = 60 km).			
"	30	UPP	eP	22 54	39
		Kuril Islands (h = 50 km).			
"	31	UPP	iP	08 47	54.5
		KIR	iP	08 47	56.6
		UME	eP	08 47	50
		Nepal (h = 35 km).			
"	31	KIR	eP	13 10	59
		Flores region, Indonesia (h = 160 km).			

October 23, 1995

Diego Cáceres
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Xin Pi

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DELARY and MYRVIKEN

Uppsala	(UPP)	59°51.5'N,	17°37.6'E;	h = 14 m
Kiruna	(KIR)	67°50.4'N,	20°25.0'E;	h = 390 m
Umeå	(UME)	63°48.9'N,	20°14.2'E;	h = 16 m
Uddeholm	(UDD)	60°05.4'N,	13°36.4'E;	h = 240 m
Delary	(DEL)	56°28.2'N,	13°52.2'E;	h = 150 m
Myrviken	(MYV)	62°56.5'N,	14°20.8'E;	h = 345 m

FEBRUARY 1 - 28, 1994

1994				1994			
Feb.	1	UPP	iP	01 21 18.9	Feb. 1994	(cont).	
		KIR	iP	01 22 07.9		KIR	iP 22 55 37.6
		UME	iP	01 21 38.9			i 22 56 18.1
		Northwestern Caucasus (h = 40 km).					micr sec
"	1	UPP	iP	09 40 51.3		P	Z' 0.3 1.4
		KIR	iP	09 40 08.5		UME	iP 22 55 45.2
		UME	iP	09 40 55.3		Taiwan region (h = 130 km).	
		Southern India (h = 10 km).				m = 5.8 (UPP,KIR).	
"	1	UPP	iSg1	10 00 58.0	"	2	UPP ePKP 03 12 18
		DEL	iSn	10 00 15.0			KIR iPKP 03 12 08.7
		Off coast of southern Norway, 58.5°N, 10.5°E.					UME iPKP 03 12 12.4
		Origin time = 09 58 57.				Vanuatu Islands region (h = 640 km).	
		By combination with Norwegian station readings.			"	2	UPP iP 16 27 50.0
"	1	UPP	eP	17 44 32			KIR iP 16 27 59.6
		UME	eP	17 44 52			UME iP 16 27 47.0
		Central Mid-Atlantic Ridge (h = 10 km).				Afghanistan-Tajikistan bord reg. (h = 80 km).	
"	1	UPP	iPKP	22 33 21.3	"	2	UME iP 23 24 02.4
		KIR	iPKP	22 33 11.1			Near coast of Chiapas, Mexico (h = 60 km).
		UME	iPKP	22 33 13.7	"	3	UPP iPKP 02 43 55.9
		Solomon Islands (h = 40 km).					KIR iPKP 02 43 43.4
"	1	UPP	iP	22 56 01.0			UME iPKP 02 43 47.3
			ipP	22 56 32.4		Santa Cruz Islands (h = 270 km).	
				micr sec	"	3	UPP iP 09 16 14.1
		P	Z'	0.1 0.7			micr sec
		(cont).					P Z' 0.1 1.2
		(cont).				(cont).	

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994			
Feb.	3	(cont). UPP		Feb.	4	UPP ePKP2	12 53 58
			micr sec			KIR iPKP1	12 53 30.1
		Mx	Z 3.6 19			UME iPKP1	12 53 37.8
		KIR eP	09 15 44			Off e. coast of N. Island N.Z. (h = 250 km).	
			micr sec				
		P	Z' 0.1 1.1	"	5	KIR iP	02 16 52.9
		Mx	Z 3.1 18			Halmahera, Indonesia (h = 40 km).	
		UME iP	09 15 58.8	"	5	UPP ePKP1	04 35 43
		Wyoming (h = 10 km).				iPKP2	04 35 50.4
		m = 5.9, M = 5.5 (UPP,KIR).				KIR ePKP	04 35 25
"	3	KIR ePKP	10 42 28			UME iPKP	04 35 31.2
		UME iPKP	10 42 35.3			Kermadec Islands, New Zealand (h = N).	
		Vanuatu Islands (h = 25 km).					
"	3	UPP ePKP	16 26 07	"	5	UPP iP	23 44 16
		KIR iPKP	16 26 07.7			iPP	23 46 35.2
		UME iPKP	16 26 11.2			iS	23 52 22
		Southeast Indian Ridge (h = 10 km).					micr sec
"	3	UPP iP	16 54 07.2			Mx	Z 6.9 13
		UME iP	16 53 51.8			KIR iP	23 45 08.2
		Ryukyu Islands (h = N).					micr sec
"	3	UPP iPKP	17 22 51.1			P	Z' 0.5 1.1
		Southeast Indian Ridge (h = 10 km).				Mx	Z 3.9 14
"	3	UPP iP	18 46 20.4			UME iP	23 44 39.5
		KIR iP	18 48 07.4			i	23 44 44.7
		UME iP	18 47 14.6			i	23 44 48.8
		Poland (h = 10 km).				Uganda (h = 15 km). M = 5.8 (UPP,KIR).	
"	3	UPP iP	18 57 26.0	"	5	KIR iP	23 59 21.9
		ipP	18 57 34.4			UME iP	23 59 46.1
		UME iP	18 58 05.7			Fox Islands, Aleutian Islands (h = N).	
		ipP	18 58 14.5	"	6	KIR iP	00 13 45.3
		Greece-Albania border region. h = 35 km (UPP,UME).				UME iP	00 13 20.7
"	4	KIR iP	02 52 48.7			i	00 13 42.2
		UME iP	02 53 06.9			Zaire (h = 10 km).	
		Eastern Idaho (h = 5 km).		"	6	KIR iP	00 24 26.5
"	4	UPP iP	11 06 42.9			UME iP	00 23 59.1
		KIR iP	11 05 22.2			Central African Republic. (h = 10 km).	
			micr sec	"	6	KIR iP	03 38 16.9
		P	Z' 0.1 0.9			UME iP	03 38 41.1
		UME iP	11 06 04.4			Fox Islands, Aleutian Islands (h = N).	
		i	11 06 12.2	"	6	UPP iP	06 06 08.2
		North of Svalbard (h = 10 km).				(cont).	

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1994				1994			
Feb.	6	(cont). KIR iP	06 05 15.8 micr sec	Feb.	8	UME iP	10 26 54.2
		P Z'	0.1 1.0			Uganda (h = N).	
		UME iP	06 05 40.4	"	8	UPP iPKP	21 44 13.1
		Fox Islands, Aleutian Islands. (h = N).				KIR iPKP	21 44 01.5
						UME iPKP	21 44 05.6
						Santa Cruz Islands (h = 150 km).	
"	6	KIR iPKP	09 18 18.3	"	9	UPP eP	00 14 37
		UME iPKP	09 18 22.5			KIR iP	00 14 23.9
		Vanuatu Islands (h = 200 km).				UME iP	00 14 34.3
						Oaxaca, Mexico (h = 55 km).	
"	7	UME iP	01 42 47.4	"	9	UPP iP	10 35 00.1
		Uganda (h = 10 km).				KIR iP	10 34 37.9
"	7	UPP iP	16 15 57.1			UME iP	10 34 45.3
		KIR iP	16 15 31.4			Taiwan region (h = 30 km).	
		UME iP	16 15 41.5	"	9	UME iP	11 12 47.2
		Mariana Islands (h = 150 km).					
"	8	UPP iP	03 32 02.9	"	9	UPP iP	13 37 06.6
		iS	03 35 30	"	9	UME iP	16 03 48.3
			micr sec			Near east coast of Honshu, Japan (h = 10 km).	
		P Z'	0.7 2.0				
		Mx Z	7.4 14	"	9	UPP iPKP	19 46 31.6
		KIR iP	03 31 33.9 C			UME iPKP	19 46 28.0
			micr sec			Tonga Islands (h = 30 km).	
		P Z'	1.2 1.3	"	9	UPP iP	22 58 23.2
		Mx Z	12 12			KIR eP	22 57 43
		UME iP	03 31 30.0 C			UME iP	22 58 02.2
		Iceland region (h = 10 km). m = 5.7 (UPP,KIR).				Off east coast of Honshu, Japan (h = 30 km).	
"	8	UPP iP	05 28 02.0	"	10	UPP iP	02 32 05.2
		KIR iP	05 27 25.4			KIR iP	02 32 11.1
		UME iP	05 27 39.5			UME eP	02 32 06
		E. Russia-n.e. China border reg. (h = 570 km).				Tajikistan (h = 25 km).	
"	8	UPP iP	05 48 17.8	"	10	UPP iP	02 33 26.6
		KIR iP	05 48 22.0			UME iP	02 33 39.8
		UME iP	05 48 15.9			Caribbean Sea (h = 10 km).	
		Andaman Islands, India (h = 25 km).					
"	8	UPP iP	09 55 48.3	"	10	UPP iP	06 20 49.3
		KIR iP	09 55 13.6				micr sec
		UME iP	09 55 26.9			P Z'	0.1 1.0
		Near s. coast of Honshu, Japan (h = 350 km).				KIR iP	06 21 47.8

(cont).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994			
Feb.		(cont).		Feb.		(cont).	
	10	KIR	micr sec		11	KIR	iPP 21 38 12.3
		P	Z' 0.1 1.0			P	Z' 0.3 1.0
		UME	iP 06 21 13.3			Mx	Z 4.7 21
		Turkey (h = 15 km). m = 5.5 (UPP,KIR).				UME	i(PKP) 21 36 03.0
"	11	UPP	iSg1 00 12 33.1			iPKP	21 36 16.0
		DEL	iSg1 00 12 52.8			iPP	21 38 44.9
		Värmland, Sweden, 59.4°N, 12.9°E. Origin time = 00 11 20. M _L (UPP) = 2.2 1. Felt. By combination with FOA readings.				iSKP1	21 39 20.0
						Vanuatu Islands (h = 210 km). M = 6.2 (UPP,KIR). M uncorrected for focal depth.	
"	11	UPP	iP 03 54 11.0	"	12	UPP	iP 00 32 59.4 C
		KIR	eP 03 55 20			P	Z' 0.1 0.7
		UME	iP 03 54 46.7			KIR	iP 00 32 11.6
		Southern Greece (h = 25 km).				UME	iP 00 32 32.2
						Kuril Islands (h = 25 km).	
"	11	UPP	iP 08 08 52.4	"	12	UME	iSg1 03 15 53.2
		KIR	iP 08 08 55.9			Västerbotten, Sweden, 64.2°N, 19.6°E. Origin time = 03 15 38. By combination with Finnish station readings.	
		UME	iP 08 08 48.7				
		Northern Sumatera, Indonesia (h = 100 km).					
"	11	KIR	iP 14 59 34.9	"	12	UPP	iPKP 04 35 26.1
		UME	iP 14 59 45.4				micr sec
		South of Mariana Islands (h = 40 km).				Mx	Z 27 19
"	11	UPP	iP 16 28 28.2			KIR	iPKP 04 35 16.6
		KIR	iP 16 28 15.2			i	04 36 34.9
		Philippine Islands region (h = N).				iPP	04 36 44.0
"	11	UPP	iP 17 45 19.3				micr sec
		KIR	iP 17 46 05.1			Mx	Z 20 16
		UME	iP 17 45 35.2			UME	iPKP 04 35 25.5
		Northwestern Caucasus (h = 15 km).				iPP	04 37 03.3
						South Pacific Ocean (h = 15 km). M = 6.8 (UPP,KIR).	
"	11	UPP	i(PKP) 21 36 14.0	"	12	UPP	iP 04 37 05.6
		iPKP	21 36 22.9			iS	04 47 14
		i	21 37 18	"	12	UPP	iP 07 02 54.7
		iPP	21 38 51.9			KIR	iP 07 02 49.0
		UPP	iSKP1 21 39 35.4			UME	iP 07 02 48.9
			micr sec			Borneo (h = 30 km).	
		P	Z' 0.1 1.0	"	12	UPP	iP 07 15 44.0
		Mx	Z 6.1 19			KIR	iP 07 14 59.7
		KIR	iPKP 21 36 12.1			UME	iP 07 15 20.8
		(cont).				Vancouver Island region (h = 10 km).	

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1994				1994					
Feb.	12	UPP	iP	17 18 28.7	Feb.	14	UPP	iP	15 19 05.6
		KIR	iP	17 17 56.8			KIR	iP	15 18 16.0
		UME	iP	17 18 10.3			South of Alaska. (h = N).		
		Kyushu, Japan (h = 30 km).							
"	12	UPP	i(PKP)	18 17 29.0	"	15	UPP	i(PKP)	15 27 21.0
			iPKP	18 17 42.7				iPKP	15 27 36.8
			iPP	18 20 22				i	15 31 03.0
			iSKP	18 21 10.2					micr sec
				micr sec			P	Z'	0.1 0.8
			P	Z' 0.2 1.0			KIR	iPKP	15 27 21.6
			Mx	Z 77 21					micr sec
		KIR	(iPKP)	18 17 23.6			UME	i(PKP)	15 27 17.4
			iPKP	18 17 31.2				iPKP	15 27 28.8
			iPP	18 19 05.5			Vanuatu Islands (h = 30 km).		
				micr sec					
			P	Z' 0.5 1.0	"	15	UPP	iP	17 20 53.5
			Mx	Z 62 23				i	17 20 57.0
		UME	(iPKP)	18 17 25.3				iS	17 31 53
			iPKP	18 17 36.1					micr sec
			iPP	18 19 55.0				P	Z' 0.2 1.2
			iSKP	18 20 58.5				Mx	Z 68 17
		Vanuatu Islands (h = 30 km).					KIR	iP	17 20 54.9
		M = 7.3 (UPP,KIR).							micr sec
"	13	UME	iP	10 20 40.7				P	Z' 0.2 1.0
		Northwestern Balkan region					UME	iP	17 20 50.7
		(h = 10 km).					Southern Sumatera, Indonesia		
"	13	KIR	iP	13 40 51.1			(h = 25 km).		
		Fox Islands, Aleutian Islands (h = N).					m = 6.4 (UPP,KIR).		
"	14	UME	iP	09 22 16.1	"	15	UPP	iP	21 19 17.6
"	14	UPP	iP	10 48 12.1				ipP	21 19 23.6
		KIR	iP	10 48 14.6					micr sec
		Southern Xinjiang, China (h = N).						P	Z' 0.1 0.5
"	14	UPP	iP	11 24 57.3			KIR	eP	21 18 58
				micr sec					micr sec
			Mx	Z 9.0 19				P	Z' 0.2 1.5
		KIR	iP	11 24 05.5			UME	iP	21 19 02.7
				micr sec				ipP	21 19 08.6
			P	Z' 0.4 1.2			Qinghai, China.		
			Mx	Z 8.5 19			h = 20 km (UPP,UME).		
		UME	iP	11 24 29.2 C			m = 5.9 (UPP,KIR).		
		Near east coast of Kamchatka			"	15	UPP	ePKP	21 31 14
		(h = 50 km).							micr sec
		M = 5.9 (UPP,KIR).						Mx	Z 9.0 24
							KIR	iPKP	21 31 06.1
							UME	iPKP	21 31 16.8
							Loyalty Islands (h = 20 km).		

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994					
Feb.	15	UPP	iP	22 34 03.6	Feb.	16	UPP	iP	16 27 35.5
			i	22 37 42.4			KIR	iP	16 27 09.6
			iS	22 37 52.2			UME	iP	16 27 19.4
		KIR	iP	22 34 56.0			Northeast of Taiwan (h = 110 km).		
		UME	iP	22 34 24.3					
			iS	22 38 32.6	"	16	UPP	ePKP	22 22 25
		Northwestern Caucasus (h = N).							micr sec
"	15	UPP	iP	23 57 10.8			Mx	Z 4.0	21
		KIR	iP	23 56 25.8			KIR	ePKP	22 22 14
		UME	eP	23 56 46					micr sec
		Kuril Islands (h = N).					Mx	Z 1.3	19
"	16	UME	iP	03 49 43.9			UME	iPKP	22 22 22.7
		Near east coast of Honshu, Japan (h = 80 km).					Loyalty Islands (h = 10 km). M = 5.8 (UPP,KIR).		
"	16	UPP	iPKP	04 07 18.5	"	16	UPP	iP	22 26 04.7
			iSKP1	04 10 01.5			UME	iP	22 25 47.3
		KIR	ePKP	04 07 04	"	16	UPP	iPKP	23 06 18.3
		UME	iPKP	04 07 05.4			KIR	ePKP	23 06 09
			iSKP1	04 09 50.8			UME	iPKP	23 06 11.7
		South of Fiji Islands (h = 610 km).					Loyalty Islands (h = 25 km).		
"	16	KIR	iP	06 24 40.9	"	17	KIR	iPKP	11 30 44.8
		Kyrgyzstan (h = N).					UME	iPKP	11 30 52.5
"	16	KIR	iPKP	07 06 04.1			Loyalty Islands (h = 20 km).		
		UME	iPKP	07 06 10.6	"	17	UPP	iP	19 54 54.2
		Loyalty Islands (h = 15 km).							micr sec
"	16	KIR	ePKP	07 07 28			P	Z' 0.1	1.0
		UME	iPKP	07 07 31.7			KIR	iP	19 54 35.6
		Vanuatu Islands (h = N).					UME	iP	19 54 41.6
"	16	UPP	Mx	08 08			Mindanao, Philippine Islands (h = 35 km).		
				micr sec	"	17	UME	iPKP	22 11 30.6
			Mx	Z 11 19			Dentrecasteaux Islands region (h = 30 km).		
		UME	iPKP	07 08 10.6	"	18	UPP	iP	00 56 59.3
		Vanuatu Islands (h = 15 km).					Ionian Sea (h = 10 km).		
"	16	UPP	iP	07 09 37.7	"	18	UPP	ePKP	04 38 05
		KIR	iP	07 09 03.5					micr sec
		UME	iP	07 09 34.4			Mx	Z 4.1	20
"	16	UPP	ePKP	11 28 04			KIR	ePKP	04 38 06
		KIR	iPKP	11 27 50.0					micr sec
		UME	iPKP	11 27 56.8			Mx	Z 3.4	18
		Loyalty Islands (h = 30 km).					UME	iPKP	04 38 07.6
							Southeast Indian Ridge (h = 10 km). M = 6.0 (UPP,KIR).		

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1994				1994					
Feb.	18	UPP	iP	07 32 36.5	Feb.	19	UME	eSg1	13 15 06
		KIR	iP	07 31 41.6			Eastcentral Finland, 65.8°N, 29.6°E.		
		UME	iP	07 32 07.3			Origin time = 13 12 55.		
		Near east coast of Kamchatka (h = 30 km).					Felt.		
							By combination with Finnish station readings.		
"	18	UPP	iP	10 28 10.7	"	19	UPP	iP	16 30 46.1
		KIR	iP	10 28 14.3			UME	eP	16 30 38
		UME	iP	10 28 15.3			Talaud Islands, Indonesia (h = 25 km).		
		Northern Colombia (h = 160 km).							
"	18	UME	iP	10 29 00.2	"	19	UPP	iP	17 25 28.8
							KIR	iP	17 25 13.0
"	18	UPP	iP	11 13 46.1			UME	iP	17 25 19.0
				micr sec			Mindanao, Philippine Islands		
			P	Z' 0.1 1.0			(h = 30 km).		
		KIR	iP	11 13 02.4	"	20	UPP	iP	02 08 07.4
		UME	iP	11 13 21.8 D					micr sec
		Hokkaido, Japan region (h = 100 km).						Mx	Z 4.5 22
"	18	UPP	iP	13 02 55.3			KIR	iP	02 07 51.3
		UME	iP	13 03 07.5			Northern Molucca Sea (h = 30 km).		
		Arabian Sea (h = 10 km).			"	20	UPP	iP	11 42 02.7
"	18	UPP	iP	16 29 03.5			KIR	iP	11 41 47.1
			i	16 29 09.8			Talaud Islands, Indonesia		
		KIR	iP	16 29 39.8			(h = 150 km).		
		UME	eP	16 29 23	"	20	UME	iP	20 53 23.8
		Arabian Sea (h = 10 km).							
"	18	UPP	iP	18 09 15.7	"	20	UPP	iP	22 00 23.7 D
		UME	iP	18 09 32.9				i	22 01 23.1
		Arabian Sea (h = 10 km).						iS	22 10 26
"	18	UPP	iP	22 33 38.2			KIR	iP	22 00 06.2 D
									micr sec
"	19	UME	iP	00 26 09.3				P	Z' 0.3 1.0
		Turkey (h = 10 km).					UME	iP	22 00 11.6 D
"	19	UME	iP	00 41 06.3			Mindoro, Philippine Islands		
		Aegean Sea (h = 10 km).					(h = 210 km).		
"	19	UPP	eP	03 21 20			m = 5.9 (UPP,KIR).		
		Pakistan (h = N).			"	21	UME	iP	01 02 17.9
"	19	UPP	iP	12 30 47.9	"	21	UME	iP	01 11 46.1
		UME	iP	12 31 27.6					
		Romania (h = 170 km).			"	21	UPP	eP	04 41 07
							KIR	iP	04 42 14.5
							UME	iP	04 41 39.3
							Turkey (h = 5 km).		

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1994				1994					
Feb.				Feb.					
21	UPP	iPKP	05 50 27.5	23	(cont).				
	KIR	iPKP	05 50 14.5		UPP		micr sec		
	UME	iPKP	05 50 20.6		P	Z'	1.4 1.8		
	Solomon Islands (h = 30 km).				Mx	Z	18 12		
"	21	UPP	iP	08 28 40.2	KIR	iP	08 10 13.5 C		
		KIR	iP	08 28 10.5		ipP	08 10 15.9		
		UME	iP	08 28 22.3		iPP	08 13 00.7		
	Mariana Islands region (h = 70 km).						micr sec		
"	21	UME	iPKP	15 23 49.4		P	Z'	5.6 2.5	
	Loyalty Islands region (h = N).				Mx	Z	44 16		
"	21	UPP	iP	22 29 28.4	UME	iP	08 09 54.8 C		
		KIR	iP	22 29 33.6		ipP	08 09 57.3		
		UME	iP	22 29 32.7		iPP	08 11 37.5		
	Venezuela (h = 25 km).					iS	08 16 13.4		
"	21	UPP	iP	23 18 42.6		Northern Iran.			
"	22	KIR	eSg1	05 56 33.9		h = 10 km (UPP,KIR,UME).			
		UME	iSg1	05 57 11.8		m = 6.6, M = 6.3 (UPP,KIR).			
	Near coast of central Norway, 66.8°N, 13.6°E.			"	23	UPP	iPKP2	11 21 30.0	
	Origin time = 05 55 04.					KIR	iPKP1	11 20 56.9	
	Felt.					UME	iPKP2	11 21 12.6	
	By combination with Norwegian station readings.					North Island, New Zealand (h = 210 km).			
"	22	UPP	iP	14 30 06.2	"	23	UPP	iP	12 02 15.8
			i	14 30 16.3					micr sec
		KIR	iP	14 29 47.7			Mx	Z	1.6 12
		UME	eP	14 29 57		KIR	iP	12 02 42.2	
	Off coast of northern Chile (h = N).								micr sec
"	22	KIR	iP	22 56 20.2			P	Z'	0.2 1.5
		UME	iP	22 56 31.8			Mx	Z	4.9 16
	Mariana Islands region (h = 330 km).					UME	iP	12 02 23.1	
"	23	UPP	iP	06 49 52.7		Northern Iran (h = 10 km).			
		KIR	iP	06 49 33.5		M = 5.3 (UPP,KIR).			
		UME	iP	06 49 39.3	"	23	UPP	iP	14 26 24.0
	Luzon, Philippine Islands (h = 40 km).						ipP	14 26 44.7	
"	23	UPP	iP	08 09 47.4 C					micr sec
			ipP	08 09 49.6			P	Z'	0.1 0.9
			iPP	08 11 24.2		KIR	iP	14 26 09.7	
			i	08 14 54			ipP	14 26 29.3	
	(cont).						i	14 26 36.2	
									micr sec
							P	Z'	0.8 2.5
						UME	iP	14 26 19.1 D	
							ipP	14 26 39.0	
					Central Mexico.				
					h = 80 km (UPP,KIR,UME).				
					m = 6.1 (UPP,KIR).				

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1994				1994					
Feb.	23	KIR	iPKP	18 19 33.2	Feb.	24	UPP	iP	10 16 44.1
		UME	iPKP	18 19 40.9					micr sec
		Tonga Islands (h = N).						P	Z' 0.1 0.6
"	23	UPP	iP	22 52 59.2			KIR	iP	10 16 53.9
				micr sec			UME	iP	10 16 43.1
			P	Z' 0.1 1.0			Hindu Kush region, Afghanistan (h = 190 km).		
		KIR	iP	22 53 25.5					
				micr sec	"	24	UPP	ePKP	15 44 39.7
			P	Z' 0.3 1.5			KIR	iPKP	15 44 28.9
		UME	iP	22 53 06.9			UME	iPKP	15 44 30.4
		Northern Iran (h = 10 km). m = 5.7 (UPP,KIR).					Tonga Islands (h = 120 km).		
"	23	UPP	iP	23 52 56.6	"	24	UME	iP	17 33 00.6
				micr sec			Northern Xinjiang, China (h = N).		
			P	Z' 0.1 0.8	"	24	UPP	eP	20 59 13
		KIR	iP	23 52 28.0			KIR	iP	20 59 39.4
				micr sec			UME	iP	20 59 19.8
			P	Z' 0.1 1.0			Northern Iran (h = 10 km).		
		UME	iP	23 52 39.1	"	25	UPP	e(PKP)	00 59 26
		Mariana Islands (h = 25 km). m = 6.0 (UPP,KIR).						iPKP	00 59 35.1
"	24	UPP	iP	00 18 54.9			KIR	iPKP	00 59 23.1
			iS	00 25 07			UME	iPKP	00 59 25.5
				micr sec			Tonga Islands (h = 120 km).		
			P	Z' 0.5 1.1	"	25	UPP	iP	01 39 17.8
			Mx	Z 13 11			UME	iP	01 39 55.6
		KIR	iP	00 19 19.6			Greece-Albania border region (h = 55 km).		
			ipP	00 19 22.5	"	25	UPP	iP	02 35 33.3
			i	00 19 23.6				iS	02 39 18
				micr sec					micr sec
			P	Z' 1.7 1.5				P	Z' 0.4 1.0
			Mx	Z 29 15				Mx	Z 6.3 12
		UME	iP	00 19 02.2			KIR	iP	02 36 48.4
			ipP	00 19 05.0					micr sec
		Northern Iran (h = 10 km). m = 6.5, M = 6.1 (UPP,KIR).						P	Z' 0.6 1.6
"	24	UME	iP	01 03 54.3				Mx	Z 4.8 8
		Southwestern Pakistan (h = N).					UME	iP	02 36 12.6
"	24	UPP	iP	08 15 18.1			Greece (h = 35 km). m = 5.9, M = 5.3 (UPP,KIR).		
		KIR	iP	08 15 17.3	"	25	UPP	iP	07 52 34.0
				micr sec			Sichuan, China (h = N).		
			P	Z' 0.1 0.7	"	25	UPP	iP	14 16 32.9
		UME	iP	08 15 14.2			KIR	eP	14 16 04
		Southern Sumatera, Indonesia (h = 60 km).					(cont).		

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994			
Feb.	25	(cont). UME iP	14 16 16.2	Feb.	26	UPP eP UME eP	18 10 08 18 10 19
		Mariana Islands (h = 60 km).				Northern Iran (h = 10 km).	
"	25	KIR eP UME iP	14 44 12 14 44 32.2	"	26	UPP ePn iSn	20 41 16 20 43 42.5
		Hokkaido, Japan region (h = 45 km).				KIR iPn UME iPn	20 42 59.5 20 42 08.3
"	25	UPP iP UME iP	16 06 57.6 16 07 42.6 C			DEL iPn iSn	20 40 27.2 20 41 23.1
		Northwestern Balkan region (h = 35 km).				Poland (h = 10 km).	
"	25	UPP eP KIR eP UME iP	17 45 26 17 45 33 17 45 32.5	"	26	UPP eP KIR eP UME iP	23 43 39 23 42 51 23 43 13.6
		Virgin Islands (h = N).				Sea of Okhotsk (h = 510 km).	
"	26	UPP iP i iS	02 38 52.0 02 38 55.1 02 45 02	"	27	UPP iP KIR eP UME iP	03 08 02.0 03 07 30 03 07 42.1
			micr sec			Kyushu, Japan (h = 45 km).	
		P	Z' 0.3 1.0	"	27	UPP iP KIR iP UME iP	03 45 19.2 03 44 47.7 03 45 00.3
		Mx	Z 14 12			Kyushu, Japan (h = 40 km).	
		KIR iP ipP i	02 39 17.5 02 39 20.4 02 39 23.1	"	27	UPP iP	09 16 03.5
			micr sec			Mx Z 1.8 15	
		P	Z' 1.2 1.5			KIR iP	09 15 31.9
		Mx	Z 29 16			Mx Z 1.3 19	
		UME iP ipP i	02 38 58.6 02 39 01.4 02 39 04.2			UME iP	09 15 53.0
		Northern Iran. h = 10 km (UPP,KIR,UME). m = 6.2, M = 6.1 (UPP,KIR).				Kyushu, Japan (h = 40 km). M = 5.3 (UPP,KIR).	
"	26	UPP iP KIR iP UME iP	12 05 12.6 12 05 15.9 12 05 16.6	"	27	UPP eP KIR eP	17 28 12 17 28 58
		Northern Colombia (h = 160 km).				North of Ascension Island (h = 10 km).	
"	26	UPP eP KIR eP	13 42 51 13 42 55	"	27	UPP iP KIR iP	19 32 26.0 19 32 49.7
		Southern Xinjiang, China (h = 10 km).				Romania (h = 130 km).	
"	26	KIR iPKP UME iPKP	18 04 49.7 18 04 54.9	"	27	UPP iP	22 39 39.6
		Vanuatu Islands (h = 30 km).				Greece (h = 10 km).	
"				"	28	UME iP	04 42 57.2

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994

Feb.	28	UPP	iP	05 28 26.0
		KIR	iP	05 28 06.6
		UME	iP	05 28 12.8
		Philippine Islands region (h = 30 km).		
"	28	UPP	eP	10 21 36
		KIR	eP	10 22 03
		Northern Iran (h = 10 km).		
"	28	UPP	iP	11 21 37.1
			iS	11 27 48
				micr sec
			P	Z' 0.1 1.2
			Mx	Z 4.1 13
		KIR	iP	11 21 59.0
				micr sec
			Mx	Z 9.6 18
		UME	iP	11 21 43.4
		Northern Iran (h = 10 km).		
		m = 5.6 (UPP,KIR).		
"	28	UPP	eP	16 06 51
		KIR	eP	16 08 01
		UME	eP	16 07 26
		Central Mediterranean Sea (h = 50 km).		
"	28	UPP	eP	21 58 13
		KIR	eP	21 57 31
		Off coast of Oregon (h = 10 km).		
"	28	UPP	iP	22 03 11.7
		KIR	iP	22 02 23.1
		UME	iP	22 02 48.8
		Off coast of Oregon (h = 10 km).		
"	28	UPP	iP	22 04 24.0
		UME	iP	22 04 08.4
		Off coast of Oregon (h = 10 km).		

November 28, 1995

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SEISMOLOGICAL BULLETIN

UPPSALA, KIRUNA, UMEÅ, UDDEHOLM

DELARY and MYRVIKEN

Uppsala	(UPP)	59°51.5'N,	17°37.6'E;	h = 14 m
Kiruna	(KIR)	67°50.4'N,	20°25.0'E;	h = 390 m
Umeå	(UME)	63°48.9'N,	20°14.2'E;	h = 16 m
Uddeholm	(UDD)	60°05.4'N,	13°36.4'E;	h = 240 m
Delary	(DEL)	56°28.2'N,	13°52.2'E;	h = 150 m
Myrviken	(MYV)	62°56.5'N,	14°20.8'E;	h = 345 m

MARCH 1 - 31, 1994

1994					1994				
Mar.	1	UPP	iP	03 56 25.7	Mar.	1	UPP	iP	19 08 58.2
			i	03 56 30.9			KIR	iP	19 09 36.3
			iS	04 02 18			UME	iP	19 09 08.4
				micr sec			Southern Iran (h = N).		
			P	Z' 0.4 0.9					
			Mx	Z 29 20	"	1	UPP	iP	23 45 39.2
		KIR	iP	03 57 02.7			Afghanistan-Tajikistan bord reg.		
			iPP	03 58 47.5			(h = N).		
				micr sec					
			P	Z' 0.6 1.2	"	2	UPP	iP	03 49 31.4
			Mx	Z 8.9 16			KIR	iP	03 49 31.5
		UME	iP	03 56 39.2			UME	iP	03 49 30.8 C
			iPP	03 58 17.6			Haiti region (h = 60 km).		
			iS	04 02 52.4					
			Southern Iran (h = 15 km).		"	2	UPP	iP	13 07 47.4
			m = 6.2, M = 5.9 (UPP,KIR).				KIR	iP	13 07 59.7
"	1	UPP	iP	04 07 32.2			UME	iP	13 07 46.3
		KIR	eP	04 08 10			Hindu Kush region, Afghanistan		
		UME	iP	04 07 45.9			(h = 25 km).		
		Southern Iran (h = 10 km).			"	2	UPP	eP	15 30 14
"	1	UPP	iP	05 50 19.8			i	15 30 30.1	
		KIR	iP	05 50 56.5			KIR	eP	15 28 49
		UME	eP	05 50 34			UME	iP	15 29 30.3
		Southern Iran (h = 10 km).					North of Svalbard (h = 10 km).		
"	1	UME	iP	11 54 11.2	"	2	UPP	eP	19 10 53
		Mariana Islands (h = 130 km).					UME	iP	19 11 05.4
"	1	UME	iP	18 23 09.2			Carlsberg Ridge (h = 10 km).		
		Puerto Rico region (h = 10 km).			"	2	UPP	i(PKP)	19 36 12.2
							iPKP	19 36 21.4	

(cont).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994				
Mar.	2	(cont).		Mar.	4	KIR	iP	18 44 42.5
		KIR	iPKP			UPP	iP	22 25 01.0
		UME	i(PKP)	"	4	KIR	eP	22 26 21
			iPKP			UME	eP	22 25 42
		Tonga Islands (h = 160 km).				Romania (h = 150 km).		
"	2	UME	iP	"	4	UPP	iP	23 13 36.9
			i			KIR	iP	23 14 15.8
		Carlsberg Ridge (h = 10 km).				UME	iP	23 13 52.0
"	3	KIR	iP			Eastern Caucasus (h = 10 km).		
		Honduras (h = 180 km).		"	5	UPP	iP	04 11 24.6
"	3	UPP	iP			KIR	iP	04 11 37.3
		KIR	iP			UME	iP	04 11 24.8
						Hindu Kush region, Afghanistan (h = 25 km).		
			Mx			Z	2.0	12
		UME	iP					
		Greenland Sea (h = 10 km).		"	6	UPP	iPKP1	03 59 22.9
"	3	UPP	eP			UME	iPKP	03 59 12.1 C
		KIR	iP			Kermadec Islands region (h = N).		
		UME	iP	"	6	KIR	iP	19 48 30.6
"	3	UPP	iP			UME	iP	19 48 40.5
		Greenland Sea (h = 10 km).				Taiwan region (h = 100 km).		
"	3	UPP	iP	"	7	UPP	iP	01 04 43.7
		KIR	eP			KIR	eP	01 05 23
		UME	iP			UME	iP	01 06 01.3
		Arctic Ocean (h = 10 km).				Southern Iran (h = 10 km).		
"	3	UPP	eP	"	7	UME	iP	04 58 07.2
		Southern Greece (h = 70 km).				Western Caroline Islands (h = 25 km).		
"	3	UPP	eP	"	7	UPP	iP	11 01 34.6
		Northern Sumatera, Indonesia (h = N).				UME	iP	11 01 50.4
						Western Iran (h = 25 km).		
"	3	UPP	eP	"	7	UPP	iP	17 36 26.5
		KIR	eP			KIR	iP	17 36 34.7 C
		Alaska Peninsula (h = 180 km).				UME	iP	17 36 24.4 C
"	4	UPP	iP			Afghanistan-Tajikistan bord reg. (h = 190 km).		
		KIR	iP	"	8	UPP	iPKP1	02 16 55.9
		UME	iP				i	02 17 01.6
		Southern Iran (h = N).				KIR	iPKP	02 16 34.2
"	4	UPP	iP			UME	iPKP1	02 16 44.6 D
		KIR	iP			South of Kermadec Islands (h = 360 km).		
		UME	iP					
		Mariana Islands (h = 70 km).						

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994			
Mar.	8	UPP eP	15 36 16	Mar.	9	(cont).	
		KIR iP	15 35 46.2			UME iSKP1	23 48 54.8
		UME iP	15 35 58.2			Fiji Islands region (h = 560 km).	
		Tonga Islands (h = 40 km).				M = 6.8 (UPP,KIR).	
						M uncorrected for focal depth.	
"	9	UME iP	08 35 50.8	"	10	UPP iPKP	00 08 33.1
		i	08 36 07.9			KIR iPKP	00 08 25.4
		Lake Tanganyika region (h = N).				Fiji Islands region (h = 590 km).	
"	9	UPP iP	10 14 23.9	"	10	UPP iPKP	12 43 58.6
		KIR iP	10 13 45.4			KIR iPKP	12 43 43.4
		UME iP	10 14 01.9 C			UME iPKP	12 43 48.5
		Near east coast of Honshu, Japan (h = 40 km).				Fiji Islands region (h = 600 km).	
"	9	KIR iPKP	12 27 10.8	"	10	UPP iP	17 56 38.2
		UME iPKP	12 27 14.8			KIR iP	17 56 12.8 C
		D'entrecasteaux Islands region (h = 40 km).				UME iP	17 56 23.7 C
						Mariana Islands (h = 130 km).	
"	9	UPP iP	14 01 43.2	"	11	UME iP	01 10 36.2
"	9	KIR iPKP	17 17 20.4			Near s. coast of Honshu, Japan (h = 10 km).	
		UME iPKP	17 17 26.2				
		Solomon Islands (h = 10 km).		"	11	UPP iP	03 23 50.4
"	9	UPP i(PKP)	23 46 13.2				micr sec
		i	23 46 14.9			P	Z' 0.1 1.1
		i	23 46 16.3			KIR iP	03 23 13.6
		iPKP	23 46 23.8			UME iP	03 23 30.7
		iSKP1	23 49 07.6			Near s. coast of Honshu, Japan (h = 10 km).	
		i	23 49 59.4				
		i	23 55 10.2	"	11	UPP iP	04 50 23.4
		i	23 55 36.0			KIR iP	04 50 46.1
			micr sec			UME iP	04 50 02.5
		P	Z' 0.6 1.1			Near s. coast of Honshu, Japan (h = 10 km).	
		Mx	Z 38 21				
		KIR i(PKP)	23 45 52.6	"	11	UPP iP	06 34 02.2
		i	23 46 09.2			UME iP	06 33 54.9
		iPKP	23 46 11.2			Myanmar-India border region (h = 35 km).	
		iSKP1	23 48 41.9				
			micr sec				
		P	Z' 16.0 2.4	"	11	UPP iP	11 03 16.0
		Mx	Z 12 17			KIR iP	11 02 42.5
		UME i(PKP)	23 46 02.5			UME iP	11 02 56.3 C
		i	23 46 15.3			South of Honshu, Japan (h = 450 km).	
		iPKP	23 46 18.1				
		i	23 48 34.0	"	11	UPP iP	15 00 07.5

(cont).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994							
Mar.	12	UPP	iPKP	02 07 05.0	Mar.	14	UPP	iP	04 41 09.9		
			iSKP1	02 09 34.9				i	04 41 26.4		
		KIR	iPKP	02 06 50.8				iS	04 50 20		
		UME	iPKP	02 06 56.6					micr sec		
		Vanuatu Islands region (h = 610 km).						P	Z' 0.2 1.2		
"	12	UME	iP	03 37 47.5			Mx	Z 43 23			
		Albania (h = 10 km).					KIR	iP	04 42 03.0		
							i	04 42 11.6			
									micr sec		
"	12	UPP	iP	06 22 39.2			P	Z' 1.4 2.4			
		Northern Mid-Atlantic Ridge (h = 10 km).					Mx	Z 31 23			
						UME	iP	04 41 38.7 C			
							i	04 41 45.1			
						Central Mid-Atlantic Ridge (h = 10 km). m = 6.4, M = 6.5 (UPP,KIR).					
"	12	UPP	iP	13 35 20.3							
		KIR	iP	13 34 36.1							
		UME	iP	13 34 56.8							
		Kuril Islands (h = 20 km).									
"	12	UPP	iPKP1	22 05 16.8	"	14	KIR	iP	13 38 26.7		
			iPKP2	22 05 24.9			UME	iP	13 39 10.3		
		UME	iPKP1	22 05 06.7			North of Svalbard (h = 10 km).				
		South of Kermadec Islands (h = 280 km).					"	14	UPP	iP	21 03 48.4
								ipP	21 04 29.9		
"	12	UME	iP	23 13 08.9				i	21 04 35.7		
		Near coast of Nicaragua (h = N).						iSKS	21 13 56		
									micr sec		
"	12	UPP	iP	23 58 32.3			P	Z' 0.6 1.0			
			ipP	23 58 58.5			Mx	Z 18 22			
		KIR	iP	23 58 19.7			KIR	iP	21 03 35.8		
		UME	iP	23 58 28.9			i	21 03 54.4			
			ipP	23 58 54.1			i	21 04 21.7			
		Oaxaca, Mexico. h = 100 km (UPP,KIR).							micr sec		
							P	Z' 2.8 3.0			
							Mx	Z 12 19			
"	13	UPP	iP	03 22 27.3			UME	iP	21 03 45.0 C		
		KIR	iP	03 21 34.1			ipP	21 04 27.3			
		UME	iP	03 22 01.3			ipp	21 06 56.5			
		Andreanof Islands, Aleutian Is. (h = N).					Mexico-Guatemala border region. h = 170 km (UPP,KIR). m = 6.5, M = 6.3 (UPP,KIR). M uncorrected for focal depth.				
"	13	UME	iP	17 38 06.8 C							
"	13	UPP	iP	20 52 05.2	"	15	UPP	iP	03 49 06.0		
		KIR	iP	20 51 36.5			KIR	iP	03 49 04.6		
		UME	iP	20 51 45.6 C					micr sec		
		Russia-Mongolia border region (h = N).						P	Z' 0.6 1.6		
							UME	iP	03 50 10.9 C		
							Off coast of Central America (h = 15 km).				

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1994				1994			
Mar.	15	UME iP	04 57 35.3	Mar.	16	UME iP	12 20 46.4
			Near east coast of Honshu, Japan (h = N).				Near s. coast of Honshu, Japan (h = 10 km).
"	15	UME iP	06 50 38.1	"	16	UPP iPKP1	19 20 44.6
			Norwegian Sea (h = 10 km).			KIR iPKP	19 20 27.5
"	15	UPP iP	11 31 30.0			UME iPKP	19 20 32.0 C
							Kermadec Islands, New Zealand (h = N).
"	15	UPP iP	11 39 31.2	"	16	UME iP	21 01 56.3
							Off east coast of Honshu, Japan (h = N).
"	15	UPP iP	14 45 54.1				
		KIR iP	14 45 20.6	"	16	UME iP	23 32 02.6
		UME iP	14 45 34.5			i	23 32 07.0
			South of Honshu, Japan (h = 70 km).				
"	15	UPP iP	15 39 30.2	"	16	UPP iP	23 35 51.4
"	15	UPP iP	18 01 54.1 C			ipP	23 36 18.8
		i	18 02 10.2			UME iP	23 35 21.8
			micr sec			ipP	23 35 47.9
		P	Z' 0.3 1.2				Near east coast of Kamchatka. h = 110 km (UPP,UME).
		KIR iP	18 01 01.8 C	"	17	UPP iPKP1	02 52 19.2
			micr sec			UME iPKP	02 52 10.5
		P	Z' 0.3 0.9				Kermadec Islands region (h = N).
		UME iP	18 01 26.4 C	"	17	UPP iP	08 13 39.7
			Off east coast of Kamchatka (h = 20 km). m = 6.2 (UPP,KIR).			UME iP	08 13 52.4
"	15	UPP iP	22 45 49.2				Southern Iran (h = N).
		KIR iP	22 47 03.6	"	17	UPP iP	11 39 50.8
		UME iP	22 46 32.8				micr sec
			Greece (h = 10 km).			P	Z' 0.1 1.2
"	16	KIR iPKP	06 34 55.0			Mx	Z 7.5 17
		UME iPKP	06 34 47.3			UME iP	11 39 34.8
			South Sandwich Islands region (h = 90 km).				Taiwan region (h = 40 km).
"	16	UPP iP	07 19 56.4	"	17	UPP eP	22 21 02
			Southern Greece (h = N).			UME iP	22 20 40.3
"	16	UPP iP	09 01 21.3				Hokkaido, Japan region (h = 70 km).
"	16	UPP iPKP1	09 14 07.1	"	18	UPP iP	00 22 54.4
		UME iPKP	09 13 54.8			UME iP	00 22 28.4
			Kermadec Islands, New Zealand (h = 45 km).				Andreanof Islands. Aleutian Is. (h = N).
				"	18	UPP iP	02 32 55.4
						iPP	02 36 10.2

(cont).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994			
Mar.	18	(cont.) UME iP	02 32 45.9	Mar.	19	UPP iP	10 53 41.5
		iPP	02 35 55.4			KIR eP	10 54 18
		Gulf of California (h = 10 km).				UME iP	10 53 54.0
						Carlsberg Ridge (h = 10 km).	
"	18	UME iP	02 38 30.9	"	19	UPP eP	11 04 34
						KIR eP	11 05 08
"	18	UPP iP	05 51 54.9			UME iP	11 04 48.0
		UME iP	05 51 26.6			Carlsberg Ridge (h = 10 km).	
		Off east coast of Kamchatka (h = 45 km).		"	19	UPP eP	11 12 46
						KIR iP	11 12 55.6
"	18	UPP iP	06 06 52.4			UME iP	11 12 44.0
		UME iP	06 06 27.0			Hindu Kush region, Afghanistan (h = 230 km).	
		Hokkaido, Japan region (h = 100 km).		"	20	UPP iPKP	01 39 28.4
"	18	UPP iP	17 38 28.5			KIR iPKP	01 39 16.9
		KIR iP	17 37 36.9			UME iPKP	01 39 16.0
		UME iP	17 38 02.3			South of Fiji Islands (h = 210 km).	
		Off east coast of Kamchatka (h = 35 km).		"	20	UPP iP	02 22 41.7
"	18	UPP iP	18 54 42.5			KIR iP	02 23 32.5
		KIR iP	18 54 11.0			UME iP	02 23 06.9 C
		UME iP	18 54 24.5			Uganda (h = 20 km).	
		Bonin Islands region (h = 530 km).		"	20	UME iPKP	21 03 06.6
"	18	UPP iPKP	21 20 11.0			Vanuatu Islands (h = N).	
		South of Fiji Islands (h = 100 km).		"	20	UPP iP	21 06 27.3
"	19	UPP iP	01 35 19.9	"	20	UPP iP	21 32 19.5
			micr sec			ipP	21 32 23.5
		P	Z' 0.1 1.0				micr sec
		Mx	Z 6.4 15			P	Z' 0.1 0.8
		KIR iP	01 34 25.7 C			KIR iP	21 31 50.6 C
			micr sec			UME iP	21 32 05.2 C
		P	Z' 0.1 1.0			ipP	21 32 09.0
		Mx	Z 7.3 21			Southern California. h = 10 km (UPP,UME).	
		UME iP	01 34 51.3 C	"	20	UME iP	23 32 43.5
		Off east coast of Kamchatka (h = N). m = 5.9, M = 5.8 (UPP,KIR).				Near east coast of Honshu, Japan (h = 90 km).	
"	19	UPP iP	05 01 28.0	"	21	UPP iP	05 23 27.1
		KIR eP	05 02 06			KIR eP	05 24 35
		UME iP	05 01 41.0			Dodecanese Islands (h = 70 km).	
		Southern Iran (h = N).		"	21	UPP iP	11 36 15.5
"	19	UPP iP	06 04 29.5			Mariana Islands (h = 200 km).	
		KIR eP	06 05 07				
		UME iP	06 04 40.8				
		Southern Iran (h = N).					

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994				
Mar.	21	UPP	iP	21 45 15.2	Mar.	25	UME iP	13 05 27.3
			iS	21 48 44.4			Jawa, Indonesia (h = 100 km).	
			P	Z' 0.1 1.0		25	UPP eP	13 20 41
		KIR	iP	21 46 30.7			KIR iP	13 21 07.3
			P	Z' 0.3 1.4			UME iP	13 20 59.1
		UME	iP	21 45 54.6 D			Northern Mid-Atlantic Ridge (h = 10 km).	
			i	21 46 44.8		25	UPP iPKP	19 29 37.9
		Southern Italy (h = 280 km).					South of Fiji Islands (h = N).	
		m = 5.4 (UPP,KIR).				25	KIR iP	21 05 34.4
"	22	UPP	ePKP	01 32 31	"	25	UME iP	21 05 43.5
		KIR	iPKP	01 32 28.2			Near coast of Chiapas, Mexico (h = 60 km).	
		UME	iPKP	01 32 25.9		25	UPP ePKP	23 36 13
		Southern east Pacific Rise (h = 10 km).					Fiji Islands region (h = 570 km).	
"	22	UPP	iP	07 34 40.3	"	26	UME iP	00 46 41.7
		KIR	iP	07 33 59.2			Southern Italy (h = 55 km).	
		UME	iP	07 34 17.1		26	UPP iP	10 48 34.4
		Near east coast of Honshu, Japan (h = 50 km).					micr sec	
"	23	UPP	iP	17 22 09.3			P	Z' 0.2 1.4
		KIR	iP	17 22 46.3			KIR iP	10 47 36.6
		UME	iP	17 22 22.4			micr sec	
		Southern Iran (h = N).					P	Z' 0.2 1.0
"	23	UPP	iPKP2	20 19 44.9			UME iP	10 48 03.6
		UME	iPKP2	20 19 27.3			Kamchatka (h = 25 km).	
		Kermadec Islands region (h = 550 km).					m = 6.0 (UPP,KIR).	
"	24	UPP	eP	04 56 34	"	26	UPP eP	15 28 42
		Ionian Sea (h = 40 km).				UME iP	15 28 46.4	
"	24	UPP	iPKP	11 09 31.1		27	UPP iP	14 41 34.1
		South of Fiji Islands (h = 650 km).				Myanmar (h = N).		
"	24	UPP	iP	17 21 09.6 D	"	28	UME iP	01 21 00.6
			i	17 21 40.0			Near coast of Chiapas, Mexico (h = 55 km).	
			P	Z' 0.3 0.8		28	UPP iPKP	01 47 09.2
		KIR	iP	17 20 20.6 D			UME iPKP	01 46 59.2
			P	Z' 0.3 0.7			South of Kermadec Islands (h = 210 km).	
		UME	iP	17 20 42.9 D				
		Northwest of Kuril Islands (h = 450 km).						
		m = 5.8 (UPP,KIR).						

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1994				1994			
Mar.	28	UPP	iP	08 23 04.4	Mar.	30	(cont).
			i	08 23 16.7			UPP
		KIR	iP	08 22 41.2			iPP
		UME	iP	08 22 48.9			
			i	08 22 56.8			P
		Taiwan (h = N).					Z'
"	29	UPP	iP	08 04 11.5			Z
			i	08 04 13.8			Mx
				micr sec			KIR
			P	Z' 0.1 0.8			iP
			P	Z' 0.2 1.1			i
		KIR	iP	08 04 49.8 C			iPP
			i	08 04 52.4			
				micr sec			P
			P	Z' 0.2 1.0			Z'
			P	Z' 0.2 1.0			Z
		UME	iP	08 04 25.6 C			UME
		Southern Iran (h = N).					iP
		m = 5.9 (UPP,KIR).					i
"	30	KIR	iP	12 20 58.2			iPP
		UME	iP	12 21 05.5			
		Southern Alaska (h = 110 km).					Southern Iran (h = 55 km).
"	30	UPP	iP	13 42 12.9 C			m = 5.8, M = 5.3 (UPP,KIR).
			i	13 42 14.2	"	31	UPP
			ipP	13 42 25.8			iPKP2
				micr sec			KIR
			P	Z' 0.1 0.8			iPKP
			Mx	Z 2.6 19			UME
		KIR	iP	13 41 55.2 C			iPKP
			ipP	13 42 07.9			
				micr sec			North Island, New Zealand
			P	Z' 0.3 1.0			(h = 80 km).
		UME	iP	13 42 01.2 C	"	31	UPP
			ipP	13 42 13.2			iPKP
		Mindanao, Philippine Islands					iSKP1
		h = 40 km (UPP,KIR,UME).					i
		m = 6.4 (UPP,KIR).					
"	30	UME	iP	16 47 17.9			
		Afghanistan-Tajikistan bord reg.					P
		(h = N).					Z'
"	30	UME	iP	17 51 40.9			Z
		Northern Alaska (h = 20 km).					KIR
"	30	UPP	iP	20 03 06.8 D			i(PKP)
			i	20 03 08.9			iPKP
		(cont).					iSKP1
							micr sec
							P
							Z'
							Z
							South of Fiji Islands (h = 580 km).

December 13, 1995

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SEISMOLOGICAL BULLETIN
 UPPSALA, KIRUNA, UMEÅ, UDDEHOLM

DELARY and MYRVIKEN

Uppsala	(UPP)	59°51.5'N,	17°37.6'E;	h = 14 m
Kiruna	(KIR)	67°50.4'N,	20°25.0'E;	h = 390 m
Umeå	(UME)	63°48.9'N,	20°14.2'E;	h = 16 m
Uddeholm	(UDD)	60°05.4'N,	13°36.4'E;	h = 240 m
Delary	(DEL)	56°28.2'N,	13°52.2'E;	h = 150 m
Myrviken	(MYV)	62°56.5'N,	14°20.8'E;	h = 345 m

APRIL 1 - 30, 1994

1994					1994						
Apr.	1	UPP	i(PKP)	08 56 19.8	Apr.	3	KIR	iP	07 27 37.8		
			iPKP	08 56 28.9			UME	iP	07 27 14.8		
		KIR	iPKP	08 56 13.9			Southern Iran (h = N).				
		Fiji Islands region (h = 560 km).					"	3	UPP	iPKP2	09 24 04.2
"	1	KIR	iPn	13 16 45.3			Kermadec Islands region (h = N).				
			iSn	13 18 13.6			"	3	UPP	iPKP1	13 16 18.4
		Barents Sea, 76.7°N, 22.9°E.							KIR	ePKP	13 16 01
		Origin time = 13 14 55.					Kermadec Islands region (h = 35 km).				
		By combination with Finnish station readings.					"	3	UPP	iPKP	18 15 51.0
"	1	UPP	iP	14 32 24.2				KIR	iPKP	18 15 36.4	
		KIR	iP	14 32 59.2				UME	iPKP	18 15 41.5	
		Southern Iran (h = N).					Vanuatu Islands (h = 25 km).				
"	1	UPP	iPKP	17 34 49.8			"	3	UPP	iP	22 57 05.3
			i	17 34 51.6				KIR	iP	22 57 19.7	
		KIR	i(PKP)	17 34 31.7				UME	iP	22 57 03.6	
			iPKP	17 34 40.9			Hindu Kush region, Afghanistan				
			iSKP1	17 37 33.0			(h = 20 km).				
		UME	i(PKP)	17 34 38.8			"	4	UPP	ePKP	01 56 21
			iPKP	17 34 45.8				KIR	ePKP	01 56 02	
			iSKP1	17 37 45.9				UME	ePKP	01 56 11	
		South of Fiji Islands (h = 380 km).					Tonga Islands (h = 25 km).				
"	2	KIR	iPKP	15 53 05.4			"	4	UPP	iP	02 49 46.9
		Fiji Islands region (h = 400 km).							KIR	iP	02 49 29.6
"	3	UPP	iP	06 59 23.0				UME	iP	02 49 33.8	
		KIR	iP	07 00 01.1			Mindoro, Philippine Islands				
		UME	iP	06 59 37.0			(h = 220 km).				
		Southern Iran (h = 25 km).									

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1994				1994			
Apr.	4	KIR iP	15 36 10.5	Apr.	6	UPP iP	05 31 25.3
		Hindu Kush region, Afghanistan				iP	05 31 03.6
		(h = N).				Near east coast of Honshu, Japan	
"	4	UPP iP	18 43 22.5			(h = 35 km).	
		KIR eP	18 43 29	"	6	UPP iP	07 13 49.3
		UME iP	18 43 20.3			i	07 13 53.0
		Afghanistan-Tajikistan bord reg.				ipP	07 13 59.4
		(h = 80 km).				micr sec	
"	4	UPP eP	20 38 35			P	Z' 0.2 0.9
		Kuril Islands (h = 60 km).				Mx	Z 5.8 13
"	4	UPP ePKP	21 56 10			KIR iP	07 13 34.6
		South of Tonga Islands (h = N).				micr sec	
"	5	UPP iPKP	01 34 48.3			P	Z' 0.2 1.0
		South of Fiji Islands (h = 550 km).				Mx	Z 2.8 10
"	5	UPP iP	09 46 46.0			UME iP	07 13 40.3
		iS	09 55 38			i	07 13 45.5
		micr sec				ipP	07 13 49.8
		P	Z' 0.2 1.0			Myanmar.	
		Mx	Z 11 21			h = 30 km (UPP,UME).	
		KIR iP	09 45 52.5			m = 6.2, M = 5.8 (UPP,KIR).	
		i	09 46 36.2	"	6	UPP iP	07 27 20.7
		micr sec				KIR iP	07 27 11.1
		P	Z' 0.2 1.1			UME iP	07 27 05.5
		Mx	Z 7.3 18			Myanmar (h = N).	
		UME iP	09 46 19.7	"	6	KIR iSg1	10 17 52.3
		i	09 46 53.8			UME iSg1	10 17 55.1
		Andreanof Islands, Aleutian Is.				Norrbotten, Sweden, 66.0°N, 21.6°E.	
		(h = 20 km).				Origin time = 10 16 48.	
		m = 6.2, M = 5.9 (UPP,KIR).				M _L (UPP) = 2.4 1.	
"	5	KIR iP	13 52 32.6			By combination with Finnish station	
		UME iP	13 52 27.7			readings.	
		Kyrgyzstan-Xinjiang border reg.		"	6	UPP iPKP	12 32 58.5
		(h = N).				micr sec	
"	6	UPP iP	00 01 38.0			Mx	Z 4.4 19
		KIR iP	00 01 16.3			KIR iPKP	12 32 44.1
		UME iP	00 01 24.1			micr sec	
		Philippine Islands region				Mx	Z 1.9 20
		(h = 170 km).				UME iPKP	12 32 50.6
"	6	UPP iP	04 33 08.4			Vanuatu Islands (h = 15 km).	
		KIR iP	04 32 29.3			M = 5.9 (UPP,KIR).	
		UME iP	04 32 47.1	"	6	KIR iP	21 26 08.7
		Near east coast of Honshu, Japan				UME iP	21 25 36.9
		(h = 35 km).				Egypt (h = 10 km).	
"	6	UPP iP	01 55 54.2	"	7	UPP iP	01 55 54.2
		(cont).					

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994			
Apr.	7	(cont).		Apr.	8	UPP eP	21 20 32
		KIR iP	01 55 23.1			KIR iP	21 19 41.5
		UME iP	01 55 36.7			UME iP	21 20 12.9
		Ryukyu Islands (h = 210 km).				Off east coast of Honshu, Japan (h = 50 km).	
"	8	UPP iP	01 21 56.3	"	9	UPP iP	02 27 38.6
		iPP	01 24 30			UME iP	02 27 15.7
		iS	01 31 08			Off east coast of Honshu, Japan (h = 15 km).	
			micr sec				
		P	Z' 0.1 0.8				
		Mx	Z 35 15				
		KIR iP	01 21 13.5	"	9	UPP iP	11 29 46.8
		iPP	01 23 41.8			i	11 29 52.3
			micr sec				micr sec
		P	Z' 0.9 2.0			P	Z' 0.1 0.8
		Mx	Z 47 16			KIR iP	11 29 40.0
		UME iP	01 21 32.3 C			UME iP	11 29 40.0 C
		iPP	01 24 08.7			Myanmar-India border region (h = 90 km).	
		Off east coast of Honshu, Japan (h = 15 km).					
		m = 6.3, M = 6.7 (UPP,KIR).		"	9	UPP iP	23 22 38.7
"	8	KIR iP	08 23 20.3			KIR iP	23 21 55.9
		Near coast of Chiapas, Mexico (h = 45 km).				Off east coast of Honshu, Japan (h = 20 km).	
"	8	KIR iP	12 01 57.6	"	9	UPP iP	04 26 13.5
		UME iP	12 02 29.5			Northeast of Taiwan (h = 10 km).	
		Northwest Territories Canada (h = 10 km).		"	10	UPP iP	07 37 04.9
"	8	UPP iP	14 24 23.7			Central Mediterranean Sea (h = 5 km).	
		KIR iP	14 23 42.8	"	10	UPP iP	12 47 28.7
		UME iP	14 24 01.3			Dodecanese Islands (h = 190 km).	
		Off east coast of Honshu, Japan (h = 35 km).		"	10	UPP iP	13 45 56.2
						Eastern Caucasus (h = 90 km).	
"	8	UPP iP	14 30 53.1	"	10	UPP eP	17 49 31
		KIR iP	14 30 10.3			iS	17 59 51
		UME iP	14 30 29.9				micr sec
		ipP	14 30 33.2			Mx	Z 9.9 29
		Off east coast of Honshu, Japan (h = 35 km).				KIR Mx	18 21
							micr sec
"	8	UPP iP	19 47 03.9			Mx	Z 9.3 27
		KIR eP	19 46 49			UME iP	17 50 28.9
		UME iP	19 46 58.2			Near coast of Chiapas, Mexico (h = 100 km).	
		Southwestern Ryukyu Islands (h = 40 km).				M = 6.0 (UPP,KIR).	
						M uncorrected for focal depth.	

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994			
Apr.	10	UPP iP UME iP Aegean Sea (h = 20 km).	19 50 55.9 19 51 40.2	Apr.	12	UPP iP KIR iP UME iP Crete (h = 15 km).	11 20 07.7 11 21 16.3 11 20 40.7
"	10	UME iP Southwestern Ryukyu Islands (h = N).	20 48 05.6	"	12	UPP ePKP KIR ePKP UME iPKP Tonga Islands (h = 30 km).	15 02 09 15 01 59 15 02 09.5
"	10	UME iP Northern Alaska (h = N).	21 35 35.3	"	12	UPP iP KIR iP UME iP Crete (h = 15 km).	18 17 53.2 18 19 01.6 18 18 30.4
"	10	UPP iP iS P Mx KIR Mx Mx UME iP Southeast of Ryukyu Islands (h = 10 km). M = 6.5 (UPP,KIR).	23 58 00.3 24 07 58 micr sec Z' 0.4 1.0 Z 33 15 24 24 micr sec Z 13 16 23 57 44.2 C	"	12	UPP iP KIR iP UME iP Mindanao, Philippine Islands (h = 45 km).	21 28 59.3 21 28 41.8 21 28 53.2
"	11	UPP iP UME iP Greece (h = N).	00 20 02.0 00 20 41.6	"	13	UME iP Poland (h = 10 km).	00 52 58.0
"	11	UPP iP ipP iS Mx KIR Mx Mx UME iP ipP Ethiopia. h = 15 km (UPP,UME). M = 5.5 (UPP,KIR).	11 29 28.5 11 29 33.4 11 36 45 micr sec Z 5.6 18 11 57 micr sec Z 2.2 13 11 29 48.3 11 29 53.0	"	13	UPP iP i iS P Mx KIR iP i P Mx UME iP i Southeast of Taiwan (h = 10 km). m = 6.0, M = 5.7 (UPP,KIR).	04 12 47.6 04 12 59.7 04 22 40 micr sec Z' 0.1 1.0 Z 4.0 16 04 12 23.6 04 12 25.9 micr sec Z' 0.2 1.1 Z 2.2 12 04 12 32.6 04 12 43.7
"	11	UPP iP Kuril Islands (h = 20 km).	18 06 07.7	"	13	UPP iP KIR iP UME eP Southern Xinjiang, China (h = N).	06 33 27.9 06 33 31.5 06 33 26
"	12	UPP iP P UME iP Kuril Islands (h = 120 km).	00 28 02.0 micr sec Z' 0.1 0.9 00 27 36.8	"	13	UPP iP KIR iP UME iP Poland (h = 10 km).	10 22 33.8 10 24 19.3 10 23 29.7

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994			
Apr.	13	UPP iP UME iP	16 44 54.1 16 45 03.4	Apr.	14	(cont). UME ipP	11 11 38.8
		Near north coast of Colombia (h = N).				Southern Iran. h = 20 km (KIR,UME).	
"	13	UPP iP KIR iP UME iP	21 04 56.3 21 04 02.3 21 04 30.4	"	14	UPP iP KIR iP UME iP	11 34 16.5 11 34 50.6 11 34 29.3
		Andreanof Islands, Aleutian Is. (h = N).				Southern Iran (h = 20 km).	
"	13	UME iP	21 21 47.4	"	14	UPP iP	14 12 49.8
		Andreanof Islands, Aleutian Is. (h = N).		"	14	UPP iP	17 42 50.6
"	13	UPP iP iPP iSKS iS	22 36 42.3 22 41 07.8 22 47 24 22 48 42			P	Z' 0.1 0.7
			micr sec			KIR iP	17 42 42.7
		P	Z' 0.1 0.9			UME iP	17 42 42.3 C
		Mx	Z 19 24			Myanmar (h = 180 km).	
		KIR iP iPP	22 36 22.9 22 40 42.5	"	14	UPP eP KIR iP UME iP	18 10 47 18 12 31.4 18 11 38.4
			micr sec			Poland (h = 10 km).	
		Mx	Z 12 19	"	14	UPP iPKP KIR iPKP UME iPKP	20 34 23.3 20 34 11.5 20 34 16.9
		UME iP iPP	22 36 31.2 22 40 43.6			Solomon Islands (h = 40 km).	
		Irian Jaya region, Indonesia (h = 30 km). M = 6.5 (UPP,KIR).		"	14	UPP iP UME eP	23 06 14.3 23 06 54
"	14	UME iPKP	02 45 01.7			Greece-Albania border region (h = 10 km).	
		Kermadec Islands, New Zealand (h = N).		"	15	UPP ePKP i	07 31 13 07 34 27.5
"	14	KIR iP UME iP	03 42 08.1 03 42 12.0			KIR iPKP UME iPKP	07 30 59.7 07 31 07.0
		Banda Sea (h = 170 km).				Vanuatu Islands (h = 110 km).	
"	14	UPP iP KIR iP	10 15 19.7 10 16 00.9	"	15	KIR iP UME iP	09 52 33.0 09 52 22.9
		Southern Iran (h = N).				Southwestern Kashmir (h = N).	
"	14	UPP eP KIR iP ipP	11 11 19 11 11 53.2 11 12 00.3	"	15	UPP eP UME iP	13 31 09 13 31 47.7
			micr sec			Spain (h = 30 km).	
		P	Z' 0.2 1.0	"	15	UPP iP KIR iP	14 38 47.2 14 38 43.2
		UME iP	11 11 32.4			(cont).	
		(cont).					

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994			
Apr.				Apr.			
15	(cont).	UME iP	14 38 42.3	16	(cont).	UME iPKP	17 36 07.6
							Solomon Islands (h = 35 km).
"	15	UPP eP	19 54 31	"	16	KIR iSg1	18 51 23.7
		UME iP	19 54 25.3			iSg1	18 51 29.2
			South of Mariana Islands (h = N).			UME eSg1	18 53 36
							Lappland, Sweden, 68.2°N, 19.8°E.
							Origin time = 18 51 16.
"	15	UPP iP	23 54 56.1				$M_L(\text{UPP}) = 2.1$ 1.
		UME iP	23 55 34.7				By combination with Norwegian station readings.
			Greece (h = 10 km).				
"	16	UPP iP	02 42 49.6	"	16	UPP iP	23 14 31.9 C
		KIR iP	02 42 13.7			iS	23 18 36.0
			micr sec				micr sec
		P	Z' 0.1 0.8			P	Z' 0.2 0.8
		UME iP	02 42 28.9 D			Mx	Z 17 13
			Western Honshu, Japan (h = 360 km).			KIR iP	23 15 45.6
							micr sec
"	16	UPP iP	08 48 09.6			P	Z' 0.3 1.5
		ipP	08 48 46.0			Mx	Z 9.1 14
			micr sec				Ionean Sea (h = 25 km).
		P	Z' 0.1 1.0				m = 5.7, M = 5.6 (UPP,KIR).
		KIR iP	08 47 16.5	"	17	UPP iP	05 54 21.8
		ipP	08 47 52.6			KIR eP	05 54 30
		UME iP	08 47 42.5				Afghanistan-Tajikistan bord reg.
		ipP	08 48 18.6				(h = 130 km).
			Rat Islands, Aleutian Islands.				
			h = 160 km). (UPP,KIR,UME).	"	17	UPP iPKP	06 33 46.4
"	16	UPP Mx	10 56			i	06 37 10.7
			micr sec			KIR iPKP	06 33 32.8
		Mx	Z 1.1 27				Vanuatu Islands (h = 40 km).
		UME iPKP	10 14 05.0	"	17	UPP iP	08 07 54.4
			Near coast of central Chile				micr sec
			(h = 35 km).			P	Z' 0.1 1.0
"	16	UPP iP	12 51 07.4			Mx	Z 2.6 13
		UME iP	12 50 53.9			KIR iP	08 08 33.7
			Off east coast of Honshu, Japan				micr sec
			(h = 25 km).			P	Z' 0.1 1.4
						Mx	Z 1.8 11
"	16	UPP eP	15 30 03				Eastern Caucasus (h = N).
		KIR eP	15 29 43				m = 5.3, M = 4.9 (UPP,KIR).
		UME iP	15 29 49.7	"	17	UPP iPKP	09 32 19.3
			Halmahera, Indonesia (h = 100 km).			KIR iPKP	09 32 32.7
"	16	UPP iPKP	17 36 13.5				South Sandwich Islands region
		KIR iPKP	17 36 02.0				(h = N).
			(cont).				

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1994				1994			
Apr.	17	UPP	iPKP	13 55 29.1	Apr.	19	(cont).
			iSKP1	13 58 20.2			UME iP 00 26 37.8
		KIR	iPKP	13 55 18.6			Near east coast of Honshu, Japan
				South of Fiji Islands (h = 520 km).			(h = 70 km).
"	18	UPP	iP	10 48 16.0	"	19	UME iP 06 01 26.2
				Taiwan region (h = N).			Minahassa Peninsula, Sulawesi
							(h = 25 km).
"	18	UPP	iPKP	17 48 39.5	"	19	KIR iP 09 52 18.5
			iPP	17 49 52			UME iP 09 52 12.4
			i	17 50 27.4			Southern Sumatera, Indonesia
			iPKKP	17 59 01.9			(h = 40 km).
			i	17 59 05.3			
				micr sec			
			P	Z' 0.1 1.0	"	19	KIR iP 16 22 32.1
			Mx	Z 11 24			UME iP 16 22 06.4
		KIR	iPKP	17 48 26.7			Western Iran (h = 15 km).
			iPKKP	17 59 21.2			
			i	17 59 32.3	"	19	KIR iP 17 58 56.3
				micr sec			
			P	Z' 0.1 1.0	"	19	KIR iP 23 50 25.4
			Mx	Z 14 23			UME iP 23 50 21.4
		UME	iPKP	17 48 30.9			Andaman Islands, India (h = 140 km).
			i	17 48 33.0			
			iPP	17 49 26.8	"	20	UPP iP 00 12 47.5
			iPKKP	17 59 13.4			KIR iP 00 13 19.7
			i	17 59 20.3			UME iP 00 12 59
				Solomon Islands (h = 25 km).			Southern Iran (h = 25 km).
				M = 6.4 (UPP,KIR).	"	20	UME iP 05 06 14.9
"	18	UPP	iP	20 15 08.1			Hokkaido, Japan region (h = N).
		KIR	iP	20 15 22.4	"	20	UPP iP 16 19 35.1
		UME	iP	20 15 06.5			KIR iP 16 18 41.3
				Hindu Kush region, Afghanistan			UME iP 16 19 08.2
				(h = 130 km).			Fox Islands, Aleutian Islands (h = N).
"	18	UPP	iPKP	21 58 01.5	"	20	UPP iPKP 18 44 53.7
			iSKP1	22 00 55.7			i 18 48 22.4
		KIR	i(PKP)	21 57 43.4			KIR iPKP 18 44 40.8
			iPKP	21 57 54.3			UME iPKP 18 44 47.6
			iSKP1	22 00 32.6			i 18 48 10.9
		UME	i(PKP)	21 57 48.5			Loyalty Islands region (h = 35 km).
			iPKP	21 57 56.1	"	20	UPP eP 21 28 43
			iSKP1	22 00 44.0			KIR eP 21 30 22
				Fiji Islands region (h = 540 km).			UME iP 21 29 38.7
"	18	KIR	iP	23 01 07.2			Northern Italy (h = 10 km).
"	19	KIR	eP	00 26 19	"	20	UPP eP 21 31 13
				(cont).			

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1994				1994			
Apr.		(cont).		Apr.		(cont).	
	23	UME ipP	03 52 50.8		24	UPP	micr sec
		Sea of Japan.				Mx Z	2.2 13
		h = 30 km (UPP,KIR,UME).				KIR iP	03 07 04.9
		m = 5.6 (UPP,KIR).					micr sec
"	23	UPP iP	04 14 35.8			Mx Z	1.3 13
		UME iP	04 14 15.1			UME iP	03 06 39.4
		Sea of Japan (h = 30 km).				Ethiopia (h = 10 km).	
						M = 5.3 (UPP,KIR).	
"	23	UPP iPKP	15 20 02.1	"	24	UPP iP	04 52 29.5
			micr sec			i	04 52 40.2
		Mx Z	3.7 21			KIR iP	04 52 10.5
		KIR iPKP	15 19 47.7			UME iP	04 52 16.7
			micr sec			Luzon, Philippine Islands (h = 70 km).	
		Mx Z	1.3 19				
		UME iPKP	15 19 53.9	"	24	UPP iPKP2	04 58 31.8
		Vanuatu Islands (h = 10 km).				i	04 58 36.3
		M = 5.8 (UPP,KIR).				UME ePKP	04 58 27
"	23	UPP iPKP	15 28 15.5			Kermadec Islands region	
		KIR iPKP	15 28 00.9			(h = 390 km).	
		UME iPKP	15 28 07.0	"	24	UPP iP	10 04 03.8
		Vanuatu Islands (h = N).				ipP	10 04 13.5
"	23	UPP iP	18 34 52.7			UME iP	10 04 26.3
		KIR eP	18 34 26			UME ipP	10 04 35.7
		UME iP	18 34 36.9			Lake Tanganyika region.	
		Mariana Islands region (h = 45 km).				h = 30 km (UPP,UME).	
"	23	UPP iP	19 47 56.4	"	24	UPP iP	14 36 02.0
		ipP	19 48 09.6	"	24	UPP iP	17 18 01.4
		KIR iP	19 47 14.7				
		ipP	19 47 27.9	"	25	UPP iP	00 29 01.2
		UME iP	19 48 33.1			ipP	00 29 19.9
		ipP	19 48 45.9				micr sec
		Near east coast of Honshu, Japan				P Z'	0.1 1.0
		h = 45 km (UPP,KIR,UME).				KIR iP	00 28 03.7
"	24	UPP iPKP	02 59 44.5			ipP	00 28 23.3
		iSKP1	03 02 35.3				micr sec
		KIR iPKP	02 59 37.1			P Z'	0.3 1.0
		iSKP1	03 02 12.0			UME iP	00 28 33.1
		UME iPKP	02 59 43.5			ipP	00 28 52.8
		iSKP1	03 02 22.5			Kenai Peninsula, Alaska.	
		Fiji Islands region (h = 580 km).				h = 80 km (UPP,KIR,UME).	
"	24	UPP eP	03 06 18.3			m = 6.0 (UPP,KIR).	
		iS	03 13 42	"	25	UME iP	02 53 20.2
						Off east coast of Honshu, Japan.	
						(h = N).	

(cont).

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1994									1994										
Apr.	25	KIR	iPKP	18 01 54.4					Apr.	26	(cont).								
		UME	iPKP	18 02 00.5							UME	iPP	19 09 26.4						
				Vanuatu Islands (h = 80 km).										East of Lake Baikal, Russia. h = 20 km (UPP,KIR,UME). m = 5.9, M = 5.7 (UPP,KIR).					
"	25	UPP	iP	19 14 22.4					"	26	UPP	iP	23 25 50.7						
		KIR	iP	19 13 34.0							KIR	iP	23 25 22.4						
		UME	iP	19 13 56.4							UME	iP	23 25 33.8						
				Kuril Islands (h = N).										Mariana Islands (h = 180 km).					
"	25	UPP	iP	22 35 44.2					"	26	UPP	iPKP	23 55 36.1						
				micr	sec							i	23 58 43.1						
			Mx	Z	2.3	21					KIR	iPKP	23 55 21.2						
		KIR	iP	22 35 04.7							UME	iPKP	23 55 23.1 C						
				micr	sec								Vanuatu Islands (h = 190 km).						
			Mx	Z	1.5	18					"	27	UME	iP	00 20 40.1				
		UME	iP	22 35 22.2 C									Afghanistan-Tajikistan bord reg. (h = 230 km).						
				Near east coast of Honshu, Japan (h = 45 km). M = 5.6 (UPP,KIR).							"	27	UPP	iP	01 44 18.7				
"	26	UPP	iP	01 53 23.4					"	27	KIR	iP	01 43 42.9						
				Luzon, Philippine Islands (h = 40 km).								UME	iP	01 43 58.1					
"	26	UPP	iP	06 33 21.0					"	27			South of Honshu, Japan (h = 140 km).						
		UME	iP	06 33 16.7							UPP	iPKP	09 42 47.1						
				South of Jawa, Indonesia (h = N).									iPP	09 45 51.2					
"	26	UME	iP	09 30 30.2									micr	sec					
				South of Jawa, Indonesia (h = N).								KIR	iPKP	09 42 39.0					
"	26	UME	iP	17 46 37.9									micr	sec					
				Vulcano Islands region (h = 70 km).										Mx	Z	3.7	21		
"	26	UPP	iP	19 08 05.0							UME	i(PKP)	09 42 35.2						
			ipP	19 08 10.8								iPKP	09 42 44.7						
			iS	19 15 00									Tonga Islands (h = 30 km). M = 6.0 (UPP,KIR).						
				micr	sec						"	27	UPP	iP	14 24 19.2				
			P	Z'	0.1	0.8								iSKS	14 34 42				
			Mx	Z	7.6	15									micr	sec			
		KIR	iP	19 07 16.3										P	Z'	0.1	0.8		
			ipP	19 07 21.8										Mx	Z	7.7	16		
			iPP	19 09 00.3									KIR	iP	14 24 02.3				
				micr	sec										micr	sec			
			P	Z'	0.3	1.3								P	Z'	0.2	1.0		
			Mx	Z	5.9	14									micr	sec			
		UME	iP	19 07 37.2 C										Mx	Z	14	16		
			ipP	19 07 41.9										UME	iP	14 24 07.9			
				(cont).										Philippine Island region (h = 10 km). m = 6.1, M = 6.2 (UPP,KIR).					

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1994				1994					
Apr.	28	UPP	iP	02 33 17.7	Apr.	30	UPP	iP	03 40 11.8
"	28	UPP	iP	09 41 12.6			P	Z'	0.3 0.9
		KIR	iP	09 40 39.4			Mx	Z	11 17
		UME	iP	09 40 53.2			KIR	iP	03 39 39.0
		South of Honshu, Japan (h = 440 km).							micr sec
							P	Z'	0.2 1.0
"	28	UPP	iPKP	17 03 50.1			Mx	Z	8.2 17
		KIR	iPKP	17 03 57.2			UME	iP	03 39 52.5
		UME	iPKP	17 03 55.7			Kyushu, Japan (h = 25 km).		
			i	17 04 03.9			m = 6.2, M = 6.1 (UPP,KIR).		
		Off coast of Central Chile (h = 25 km).			"	30	UPP	eP	11 12 56
							KIR	iP	11 14 41.4
"	28	KIR	iP	18 39 27.8			UME	iP	11 13 49.9
		UME	iP	18 39 47.5			Poland (h = 15 km).		
		Hokkaido, Japan region (h = 300 km).							
"	29	UPP	iPKP	07 28 57.1					
			iPP	07 29 41.4					
			iSKS	07 34 42					
			iPKKP	07 40 16.6					
				micr sec					
			Mx	Z 4.0 21					
		KIR	iPKP	07 29 03.8					
			iPP	07 30 06.6					
			iPKKP	07 39 51.5					
				micr sec					
			Mx	Z 4.6 22					
		UME	iPKP	07 29 00.9					
			iPP	07 29 56.6					
			iPKKP	07 40 05.8					
		Santiago Del Estero Prov., Arg. (h = 560 km).							
		M = 6.0 (UPP,KIR).							
		M uncorrected for focal depth.							
"	29	UPP	iP	13 49 11.2					
				micr sec					
			P	Z' 0.1 1.0					
		KIR	iP	13 48 26.7					
		UME	iP	13 48 46.8					
		Hokkaido, Japan region (h = 130 km).							
"	29	UPP	iP	20 16 40.9			December 19, 1995		
"	30	UPP	iP	03 30 19.6			Conny Holmqvist		
			i	03 30 29.1			Ota Kulhánek		
		KIR	iP	03 29 21.4			Hossein Shomali		
		Jan Mayen Island region (h = 10 km).					Pi Xin		

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1994				1994					
May	2	(cont). UME i	17 26 49.5	May	4	UME i(PKP) iPKP iSKP1	06 56 12.7 06 56 18.2 06 59 13.7	Southwest of Sumatera, Indonesia. m = 6.5, M = 5.7 (UPP,KIR). Double P, on average 11.2 s apart. The second shock, when interpreted as pP, provides a focal depth of 100 km.	
"	UME	iP	22 33 08.7	"	4	UPP iP i P KIR iP UME iP	10 47 39.3 10 47 41.8 micr sec Z' 0.1 1.0 10 47 49.5 10 47 36.3	Vanuatu Islands (h = 210 km). Afghanistan - Tajikistan bord reg. (h = 30 km).	
"	3	UPP iP KIR ipP UME iP	04 09 23.3 04 09 32.7 04 09 23.3	"	4	UPP iP P KIR iP P UME iP	11 58 23.7 micr sec Z' 0.1 1.0 11 57 30.9 micr sec Z' 0.1 1.0 11 57 57.2	Near coast of Guatemala (h = 90 km). Ionian Sea (h = 45 km). Fox Islands, Aleutian Islands (h = N). m = 5.9 (UPP,KIR).	
"	3	UPP iP	13 36 11.2	"	4	UPP iP UME iP	15 59 37.6 15 59 35.4	Southwest of Sumatera (h = 30 km).	
"	3	UPP iP iS P Mx KIR iP P Mx UME iP	16 48 24.9 D 16 58 02 micr sec Z' 0.1 0.9 Z 3.1 18 16 48 36.3 D micr sec Z' 0.1 1.0 Z 3.3 20 16 48 33.5 D	"	4	UPP iP UME iP	23 37 42.9 23 37 20.0	Off east coast of Honshu, Japan (h = 10 km).	
"	4	UPP iP UME iP	06 09 31.5 06 09 29.5	"	5	UPP iP KIR iP UME iP	03 46 22.8 03 45 35 03 45 56.2	Southwest of Sumatera, Indonesia (h = N). Southeastern Siberia, Russia (h = N).	
"	4	UPP iP	06 14 27.1	"	5	UPP iP i iS P P Mx KIR iP i P Mx	05 18 48.4 05 18 50.8 05 22 06 micr sec Z' 0.1 1.5 Z' 0.3 1.5 Z 6.1 18 05 18 29.0 05 18 31.4 micr sec Z' 1.7 2.1 Z 5.5 16	Hindu Kush region (h = N). Late arrival when compared with the NEIS solution.	
"	4	UPP iPPKP iSKP1 P KIR iPPKP P	06 56 25.8 06 59 33.6 micr sec Z' 0.1 0.8 06 56 12.2 C micr sec Z' 0.4 1.0	(cont).	(cont).				

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1994				1994					
May				May					
5	(cont).			6	UPP	Mx	23 49		
	UME	iP	05 18 39.1				micr sec		
		i	05 18 43.0			Mx	Z 1.1 20		
	Iceland (h = 10 km).				KIR	Mx	23 48		
	m = 5.6 (UPP,KIR).						micr sec		
"	5	UPP	iP	06 19 37.0		Mx	Z 1.4 20		
					UME	iPKP	22 57 57.9		
			micr sec		New Ireland region (h = 50 km).				
		P	Z' 0.1 0.9		M = 5.4 (UPP,KIR).				
		KIR	iP	06 18 51.9	"	7	UPP	iP	01 21 58.3
		UME	iP	06 19 13.0			KIR	iP	01 21 19.3
	Hokkaido, Japan region (h = 80 km).						UME	iP	01 21 37.1
"	5	UPP	iP	10 53 18.7		Near east coast of Honshu			
			i	10 53 37.1		(h = 40 km).			
		KIR	iP	10 53 11.8	"	7	KIR	iSn	01 39 52.3
		UME	iP	10 53 11.1			UME	iPg1	01 38 46.0
	Myanmar-India border region						i	01 38 46.6	
	(h = 80 km).						iSg1	01 39 02.7	
"	5	UPP	eP	23 44 03			i	01 39 04.7	
		UME	iP	23 43 42.6		Gulf of Bothnia, 64.9°N, 21.9°E.			
	South of Honshu (h = 120 km).				Origin time = 01 38 23.				
"	6	UPP	iP	04 31 28.1		$M_L(UPP) = 2.0$ 1.			
	Hindu Kush region (h = N).				By combination with Finnish station readings.				
"	6	UPP	iP	04 32 09.5	"	7	UPP	iP	06 13 30.0
		KIR	iP	04 32 10.2			UME	iP	06 13 13.8
		UME	iP	04 32 02.5	"	7	UPP	iP	06 14 27.7
	Kyrgyzstan (h = N).						i	06 14 34.5	
"	6	KIR	iP	12 30 48.3				micr sec	
	Northern Colombia (h = 60 km).					Mx	Z 1.8 19		
"	6	UPP	iPKP	18 39 34.0		KIR	eP	06 14 00	
		UME	iPKP	18 39 43.2			i	06 14 05.0	
	Southwestern Atlantic Ocean							micr sec	
	(h = 10 km).					Mx	Z 1.4 15		
"	6	UPP	iP	19 14 45.6		UME	iP	06 14 10.8	
		UME	iP	19 15 25.9			i	06 14 16.5	
	Sicily (h = 45 km).				Ryukyu Islands (h = 20 km).				
					M = 5.3 (UPP,KIR).				
					Double shock, small and large, on average 6 s apart. The second arrival, when interpreted as pP, provides a focal depth of 50 km.				
	6	UPP	iP	21 22 14.3	"	7	UPP	iP	08 42 03.7 C
			i	21 22 30.0			iS	08 50 32	
		KIR	iP	21 21 59.3					
		UME	iP	21 22 08.8					
	Central Mexico (h = 55 km).								

(cont).

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1994				1994			
May				May			
7	(cont).			8	(cont).		
	UPP		micr sec		UME iP	04 08 23.0	
	P	Z'	0.8 1.0		West of Macquarie Islands		
	Mx	Z	3.7 21		(h = 10 km).		
	KIR	iP	08 41 09.6 C	"	8	UPP iP	07 02 45.2
			micr sec			KIR iP	07 02 47.0
	P	Z'	0.5 1.0		Southwest of Sumatera, Indonesia		
	Mx	Z	2.1 16		(h = N).		
	UME	iP	08 41 35.5 C	"	8	UPP iP	08 13 31.5
	Off coast of Kamchatka (h = 50 km).					UME iP	08 13 12.0
	m = 6.6, M = 5.4 (UPP,KIR).				Near s. coast of western Honshu		
"	7	KIR	iPg1 10 34 36.4	"	8	Talaud Islands, Indonesia	
			iSn 10 35 16.7			(h = 180 km).	
		UME	iSn 10 36 06.8	"	8	UME iP	13 09 42.6
			i 10 36 22.6		Southwest of Sumatera (h = N).		
	Off coast of northwestern Norway,			"	8	UPP iP	20 24 59.5
	68.0°N, 12.7°E.				Southwest of Sumatera (h = N).		
	Origin time = 10 33 50.			"	8	UPP iP	22 17 09.2
	By combination with Finnish and					i	22 17 18.5
	Norwegian station readings.				Ryukyu Islands (h = 30 km).		
"	7	UPP	iP 12 13 43.3	"	8		
		Near east coast of Honshu, Japan					
		(h = N).		"	9	UPP eP	09 22 01
"	7	UPP	iP 13 03 52.1				micr sec
		South of Honshu, Japan (h = N).				Mx	Z 1.7 13
"	7	UPP	iP 14 31 48.0			KIR	iP 09 21 56.4
			i 14 31 52.7				micr sec
		Northern Iran (h = 55 km).				Mx	Z 3.7 12
"	7	UPP	iP 15 31 19.8			UME	iP 09 21 52.4
		KIR	eP 15 13 27		Southern Xinjiang, China (h = 45 km).		
		UME	iP 15 30 54.0		M = 5.3 (UPP,KIR).		
		Fox Islands, Aleutian Islands (h = N).		"	9	UPP iP	12 23 09.6 C
"	7	UPP	iP 18 51 02.1			KIR	iP 12 22 21.2 C
		KIR	iP 18 50 08.7 C			UME	iP 12 22 42.7 C
			micr sec		Kuril Islands (h = N).		
		P	Z' 0.1 1.1	"	9	UPP iP	12 49 25.0
		UME	iP 18 50 36.1				micr sec
		Fox Islands, Aleutian Islands (h = N).				P	Z' 0.2 1.0
"	8	UPP	iP 01 44 47.1			Mx	Z 2.7 22
"	8	UPP	ePKP2 04 08 35			KIR	iP 12 49 25.7 C
		KIR	ePKP1 04 08 23				micr sec
			iPKP2 04 08 37.5			P	Z' 0.4 1.0
			(cont).			Mx	Z 2.1 21
						UME	iP 12 49 22.6 C
					(cont).		

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994			
May	9	(cont). Southern Sumatera (h = 30 km). m = 6.6, M = 5.5 (UPP,KIR).		May	10	(cont). Northern Norway, 66.3°N, 13.1°E. Origin time = 07 34 55. M _L (UPP) = 2.9 1. By combination with Finnish and Norwegian station readings.	
"	10	UPP	iPdiff iPP micr sec Mx Z 0.9 22 Northern Chile (h = 50 km).	02 03 08.7 02 07 30.3	"	10	UPP iP 15 20 42.1
"	10	UPP	iP i micr sec P Z' 0.1 1.0 P Z' 0.1 1.1 Mx Z 3.9 14 KIR iP 04 17 44.7 D UME iP 04 17 51.7 D Philippine Islands region (h = 30 km).	04 18 06.2 D 04 18 16.3	"	10	UPP eP 18 31 39 Mindoro, Philippine Islands (h = 70 km).
"	10	UPP	iP Nepal (h = N). Late arrival when compared with the NEIS solution.	05 39 14.1	"	10	UPP iP 22 17 07.3 Mindanao, Philippine Islands (h = N).
"	10	UPP	ePdiff iPKP iPP iSKS iS iPKKP micr sec P Z' 0.1 1.1 Mx Z 5.4 19 KIR iP 06 53 57.4 iPKKP 07 04 51.8 micr sec P Z' 0.7 1.4 Mx Z 3.8 19 UME iP 06 53 56.1 i 07 04 47.9 iPKKP 07 04 58.2 Santiago del Estero Prov., Arg. (h = 600 km). M = 6.0 (UPP,KIR). M uncorrected for focal depth.	06 49 55 06 53 52.4 06 54 32.9 06 59 32 07 01 12 07 05 09.5	"	11	UPP iP 07 53 34.1
"	10	UPP	iPKP iPKKP micr sec P Z' 0.6 1.0 Mx Z 10 19 UME iP 08 31 01.4 C Southern Sumatera (h = 20 km). m = 6.5, M = 6.2 (UPP,KIR).	06 49 55 06 53 52.4 06 54 32.9 06 59 32 07 01 12 07 05 09.5	"	11	UPP iP 08 31 04.6 C i 08 31 19.2 iS 08 41 44 micr sec P Z' 0.2 1.0 Mx Z 12 19 KIR iP 08 31 04.9 C micr sec P Z' 0.6 1.0 Mx Z 10 19 UME iP 08 31 01.4 C
"	10	KIR	iSg1 UME iSg1 (cont).	07 36 38.0 07 36 57.0	"	11	UPP iP 08 49 57.5 UME iP 08 50 35.4 Tunisia (h = 10 km).
"	10	KIR	iSg1 UME iSg1 (cont).	07 36 38.0 07 36 57.0	"	11	UPP iP 10 16 25.8
"	10	UME	iSg1 UME iSg1 (cont).	07 36 38.0 07 36 57.0	"	11	UPP iP 11 48 11.3
"	10	UME	iSg1 UME iSg1 (cont).	07 36 38.0 07 36 57.0	"	11	UPP iP 21 27 20.9 i 21 27 39.1 iS 21 38 00 micr sec P Z' 0.1 0.9 Mx Z 5.4 17 (cont).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994					
May	11	(cont). KIR	iP	21 27 21.7	May	13	KIR iP	11 05 35.9	
			i	21 27 37.3			UME iP	11 05 10.0	
				micr sec		"	13	UME iP	11 29 40.1
			P	Z' 0.5 1.4				Near east coast of Honshu, Japan (h = 90 km).	
			Mx	Z 6.6 20		"	13	UPP iP	20 25 27.8
		UME	iP	21 27 18.1				iSKS	20 35 57
			i	21 27 26.5				iS	20 36 22
			i	21 27 36.2					micr sec
		Southern Sumatera, Indonesia (h = 30 km). m = 6.3, M = 6.0 (UPP,KIR).						Mx	Z 3.6 22
"	12	UPP	Mx	01 10			KIR	iP	20 25 11.4
				micr sec					micr sec
			Mx	Z 1.5 18				Mx	Z 3.4 16
		KIR	Mx	01 07			UME	iP	20 25 16.8
				micr sec			Mindanao, Philippine Islands (h = N). M = 5.8 (UPP,KIR).		
			Mx	Z 1.4 17		"	14	KIR iPn	01 08 52.2
		UME	iP	00 34 53.0				i	01 09 00.9
		Gulf of California (h = 10 km). M = 5.3 (UPP,KIR).						UME iPn	01 09 34.1
"	12	UPP	iP	08 11 26.0			Norwegian Sea, 71.8°N, 0.6°E. Origin time = 01 06 52. By combination with Norwegian station readings.		
		Pakistan (h = 15 km).				"	14	UPP iPKP1	04 23 19.2
"	12	UPP	iPg1	09 04 24.8			Kermadec Islands, New Zealand (h = N).		
			iSg1	09 04 45.4		"	14	UPP iP	15 32 00.0
			i	09 04 48.3			KIR	iP	15 33 14.2
			iRg	09 04 56.8			UME	iP	15 32 39.1
		DEL	iSg1	09 05 09.1			Ionian Sea (h = 10 km).		
		Närke, Sweden, 58.8°N, 15.1°E. Origin time = 09 03 57. Rockburst at the Zinkgruvan mine. Felt.				"	14	KIR ePKP	22 17 37
"	12	UPP	iP	15 18 33.3			UME	iPKP	22 17 43.0
		Andreanof Islands, Aleutian Is. (h = 80 km).					Loyalty Islands region (h = 25 km).		
"	12	UME	iP	15 21 57.3		"	14	UPP iP	22 43 15.6
"	12	UME	iSg1	16 42 59.5			KIR	iP	22 44 01.4
		Västerbotten, Sweden, 64.5°N, 21.4°E. Origin time = 16 42 34. M _L (UPP) = 2.0 1. By combination with Finnish station readings.					UME	iP	22 43 36.9
							Western Arabian Peninsula (h = 10 km).		
"	15	UPP	iPg1	05 40 58.5 D					
			iSg1	05 41 19.5					
			i	05 41 21.5					
			iRg	05 41 29.7					
		(cont).							

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994			
May	15	(cont).		May	17	(cont).	
		UME	iSn 05 42 56.4			UPP	micr sec
			i 05 43 17.9			P	Z' 0.1 1.3
			iSg1 05 43 22.3			Mx	Z 2.9 21
		DEL	ePg1 05 41 11			KIR	iP 09 58 14.8
			iSg1 05 41 43.2			i	09 59 00.0
			iRg 05 41 56.3				micr sec
		MYV	iSg1 05 42 34.0			P	Z' 0.2 1.3
			Närke, Sweden, 58.8°N, 15.1°E.			Mx	Z 1.5 18
			Origin time = 05 40 30.			UME	iP 09 58 10.4
			$M_L(\text{UPP}) = 2.8$ 1.			i	09 58 16.8
			Rockburst at the Zinkgruvan mine.			i	09 58 54.7
			Felt.				Southern Sumatera, Indonesia
			Very well developed Rg phase at				(h = 25 km).
			UPP records with clear dispersive				Probably two events, smaller and
			characteristics.				larger, on average 44.8 s apart. If this
							is the case, the second shock provides
							a body-wave magnitude of 6.1 and a
							surface-wave magnitude of 5.5.
"	15	KIR	iP 16 32 25.5				
			Eastern Mediterranean Sea (h = N).				
"	15	UPP	iPKP 19 13 50.8	"	17	KIR	iP 16 00 49.2
		KIR	iPKP 19 13 35.2			UME	iP 16 00 29.2
		UME	iPKP 19 13 43.4				North of Ascension Island
			Vanuatu Islands (h = 250 km).				(h = 10 km).
"	16	KIR	iPKP 00 00 49.9	"	17	UPP	iP 18 14 23.2
			Fiji Islands region (h = 220 km).				Off east coast of Honshu, Japan
"	16	UPP	iP 00 10 10.1				(h = N).
			i 00 10 22.0	"	17	UPP	iP 20 11 24.5
		KIR	iP 00 09 34.5				micr sec
		UME	iP 00 09 49.7			Mx	Z 1.7 25
			South of Honshu, Japan (h = 40 km).			KIR	iP 20 12 08.2
"	16	UPP	iP 01 00 29.6				micr sec
		KIR	iP 00 59 58.3			P	Z' 0.1 1.2
		UME	iP 01 00 12.8			Mx	Z 1.4 20
			Bonin Islands region (h = 470 km).			UME	iP 20 11 49.4
"	16	UPP	iP 08 04 44.2				North of Ascension Island
			South of Honshu, Japan (h = N).				(h = 10 km).
"	17	UPP	eP 09 13 16	"	17	KIR	iP 20 49 36.0
			Myanmar-India border region			UME	iP 20 49 16.6
			(h = N).				North of Ascension Island
"	17	UPP	iP 09 58 14.7				(h = 10 km).
			i 09 58 59.7	"	17	UME	iP 22 26 17.2
			iS 10 08 55				South of Honshu (h = 440 km).

(cont).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994					
May	18	UPP	iPKP	02 11 08.2	May	18	UPP	iP	17 24 15.5
				micr sec					Georgia-Armenia-Turkey bord reg.
			P	Z' 0.1 0.9					(h = 10 km).
				South of Fiji Islands (h = N).					
"	18	UPP	iP	04 05 00.0	"	19	UPP	iP	04 48 51.0
			iS	04 14 04			KIR	eP	04 48 06
				micr sec			UME	iP	04 48 27.4
			P	Z' 0.1 0.9					Hokkaido, Japan (h = 40 km).
			Mx	Z 11 17	"	19	UPP	iP	12 44 44.3
		KIR	iP	04 04 13.6			KIR	eP	12 44 17
				micr sec			UME	iP	12 44 24.7
			P	Z' 0.1 1.0	"	19	KIR	iP	16 35 02.8
			Mx	Z 7.2 17					Jan Mayen Island region (h = 10 km).
		UME	iP	04 04 35.0	"	19	KIR	eP	17 03 09
				Kuril Islands (h = 25 km).					Jan Mayen Island region (h = 10 km).
				m = 5.9, M = 6.0 (UPP,KIR).	"	19	UPP	iPKP1	18 12 08.6
"	18	UPP	iP	04 14 47.1	"	19		i	18 13 12.8
		UME	iP	04 14 23.1			KIR	iPKP	18 11 49.8
				Kuril Islands (h = N).			UME	iPKP1	18 11 55.8
"	18	UPP	iP	06 46 17.8					Kermadec Islands, New Zealand
				Kuril Islands (h = N).					(h = 260 km).
"	18	UPP	iP	10 18 50.0	"	19	KIR	eP	19 32 48
		KIR	iP	10 19 58.7					Jan Mayen Island region (h = 10 km).
		UME	iP	10 19 23.9	"	19	KIR	iP	19 38 36.4
				Crete (h = N).					Jan Mayen Island region (h = 10 km).
"	18	UPP	iP	14 46 17.8	"	19	UPP	iP	21 32 01.7
		KIR	iP	14 46 18.0			KIR	iP	21 31 43.7
				micr sec			UME	iP	21 31 49.3
			P	Z' 0.1 1.0	"	19			Luzon, Philippine Islands
		UME	iP	14 46 13.9					(h = 110 km).
				Southern Sumatera, Indonesia	"	19	UPP	iP	22 38 10.9
				(h = 25 km).			KIR	iP	22 38 21.4
"	18	UPP	iP	17 08 18.7	"	19	KIR	iPdiff	23 55 38.2
				micr sec					Timor region, Indonesia (h = N).
			Mx	Z 1.1 20	"	20	KIR	iPdiff	01 15 09.9
		KIR	iP	17 07 45.2 C					Timor region, Indonesia (h = 20 km).
				micr sec	"	20	UPP	iP	01 59 04.1
			P	Z' 0.1 1.0	"	20	KIR	iPdiff	04 58 05.9
			Mx	Z 1.1 18					Timor region, Indonesia (h = N).
		UME	iP	17 08 00.3 C					
				South of Honshu, Japan (h = N).					
				M = 5.1 (UPP,KIR).					

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1994				1994			
May	20	UME iP	07 18 06.2	May	21	UPP iP	22 11 34.8
		South of Honshu, Japan (h = 120 km).				KIR eP	22 11 57
						UME iP	22 11 54.1
"	20	KIR iPKP	10 25 14.4			Northern Mid-Atlantic Ridge (h = 10 km).	
		Vanuatu Islands (h = 130 km).		"	21	UPP iP	23 26 59.1
"	20	KIR iP	10 39 16.6			KIR iP	23 27 00.9
			micr sec			UME iP	23 26 56.7
		P	Z' 0.1 1.0			Nicobar Islands, India (h = 10 km).	
		UME iP	10 39 13.5	"	21	KIR iP	23 29 30.5
		Southern Sumatera, Indonesia (h = 25 km).				UME iP	23 29 24.7
"	20	KIR iP	11 58 17.2			Nicobar Islands, India (h = N).	
		Central Mid-Atlantic Ridge (h = 10 km).		"	22	UPP iPKP	00 26 24.9 C
"	20	KIR iP	14 17 01.9				micr sec
		Mariana Islands (h = 180 km).				P	Z' 0.1 0.9
"	20	UPP iP	16 51 58.2			KIR iPKP	00 26 11.3
			micr sec			iSKP1	00 28 55.8
		P	Z' 0.2 0.8			UME iSKP1	00 29 05.9
		Mx	Z 4.0 15			South of Fiji Islands (h = 510 km).	
		KIR iP	16 51 30.7	"	22	KIR iP	01 01 21.7
			micr sec			UME iP	01 00 56.5
		P	Z' 0.2 1.1			Zaire (h = 10 km).	
		Mx	Z 1.7 14	"	22	UPP eP	05 39 32
		UME iP	16 51 42.0			KIR iP	05 39 51.8 C
		Ryukyu Islands (h = 35 km). m = 6.1, M = 5.6 (UPP,KIR).				Northern Mid-Atlantic Ridge (h = 10 km).	
"	21	KIR iP	02 31 23.2	"	22	KIR iP	05 49 48.3
		Southern Alaska (h = 100 km).				UME iP	05 50 02.9 C
"	21	KIR iPg1	09 03 02.8 D			Bonin Islands region (h = N).	
		iSg1	09 03 06.8	"	22	UPP iP	07 20 47.8
		Lappland, Sweden, 67.9°N, 20.3°E. Origin time = 09 02 59. By combination with Norwegian station readings.				KIR iP	07 19 57.6
"	21	UPP iP	12 08 19.2			UME iP	07 20 21.6
		South of Honshu, Japan (h = 430 km).				Kuril Islands (h = 35 km).	
"	21	KIR iP	12 28 27.7	"	22	UPP iP	19 22 13.5
		UME iP	12 28 43.7			UME iP	19 22 26.7
		South of Honshu, Japan (h = N).				Arabian Sea (h = 10 km).	
"	21	KIR iP	12 28 27.7	"	22	UPP iP	23 01 44.6
		UME iP	12 28 43.7			KIR eP	23 02 09
		South of Honshu, Japan (h = N).				UME iP	23 01 23.5
						Northwestern Balkan region (h = 30 km).	

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1994						1994				
May	23	UPP	iP	01 54 25.5		May	23	UPP	iP	07 16 51.4
			iSKS	02 04 50				KIR	iP	07 16 26.4
				micr sec				Taiwan region (h = N).		
			P	Z' 0.1 0.9		"	23	UPP	iP	13 40 13.2
			Mx	Z 6.3 25				Taiwan region (h = N).		
		KIR	iP	01 54 08.1		"	23	UPP	iP	15 28 46.2 C
			i	01 54 11.7				iS	15 38 28	
				micr sec					micr sec	
			P	Z' 1.0 1.6				P	Z' 0.5 1.4	
			Mx	Z 3.1 25				Mx	Z 22 18	
		UME	iP	01 54 19.1				KIR	iP	15 28 21.6 C
			iSKS	02 04 38					micr sec	
		Guerrero, Mexico (h = 55 km).						P	Z' 0.3 1.3	
		m = 6.4, M = 5.7 (UPP,KIR).						Mx	Z 5.3 13	
"	23	UPP	iP	05 47 51.3				UME	iP	15 28 30.7 C
			iS	05 57 32				iS	15 38 02	
				micr sec				Taiwan region (h = 25 km).		
			P	Z' 0.1 0.8				m = 6.3, M = 6.2 (UPP,KIR).		
			Mx	Z 32 18		"	23	UPP	iP	17 28 54.3
		KIR	iP	05 47 26.1				KIR	iP	17 29 02.7
				micr sec				UME	iP	17 28 52.6
			P	Z' 0.1 1.0				Afghanistan-Tajikistan bord reg.		
			Mx	Z 9.2 16				(h = N).		
		UME	iP	05 47 35.1		"	23	UPP	iP	22 14 07.1
			iS	05 57 02				KIR	iP	22 13 33.8
		Taiwan region (h = 20 km).						UME	iP	22 13 48.2
		m = 5.9, M = 6.4 (UPP,KIR).						i	22 14 00.5	
"	23	UPP	iP	06 36 42.8				South of Honshu, Japan (h = 45 km).		
		KIR	iP	06 36 17.4		"	23	UME	iP	23 14 19.1
		UME	iP	06 36 25.0				Samar, Philippine Islands (h = 60 km).		
		Taiwan region (h = N).				"	24	UPP	iP	02 10 28.9
"	23	UPP	iP	06 51 30.0 C				iS	02 14 28	
			iS	06 55 44.4					micr sec	
				micr sec				Mx	Z 15 15	
			P	Z' 0.6 1.1				KIR	eP	02 11 38
			Mx	Z 6.0 12					micr sec	
		KIR	iP	06 52 38.3 C				Mx	Z 7.6 10	
				micr sec				UME	iP	02 11 03.8
			P	Z' 2.6 1.4				iS	02 15 30	
			Mx	Z 6.9 12				Aegean Sea (h = 15 km).		
		UME	iP	06 52 03.3 C				M = 5.5 (UPP,KIR).		
		Crete (h = 80 km).				"	24	UPP	iP	02 23 26.1
		m = 6.4, M = 5.4 (UPP,KIR).								
		M uncorrected for focal depth.								

(cont).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994						1994						
May	24	(cont).				May	24	(cont).				
		UPP	iS	02 27 22				UME	iP	04 12 16.9		
				micr sec					iS	04 21 49		
			P	Z' 0.2 1.5				Taiwan region (h = 15 km).				
			Mx	Z 17 14				m = 6.5, M = 7.2 (UPP,KIR).				
		KIR	iP	02 24 37.9				Multiple shock with successively increasing amplitudes and on average 2.6 and 11.6 s apart.				
				micr sec								
			P	Z' 0.1 1.0			"	24	UPP	iP	04 47 31.2	
			Mx	Z 4.0 11					KIR	eP	04 47 05	
		UME	iP	02 24 02.3					UME	eP	04 47 13	
		Aegean Sea (h = 15 km).						Taiwan region (h = 45 km).				
		m = 5.5, M = 5.4 (UPP,KIR).										
"	24	UPP	Mx	03 04		"	24	UPP	iP	06 00 02.0		
				micr sec						micr sec		
			Mx	Z 1.1 20					Mx	Z 5.8 18		
		KIR	Mx	03 04				KIR	iP	05 59 36.9		
				micr sec						micr sec		
			Mx	Z 1.6 21					Mx	Z 2.8 16		
		Near coast of Peru (h = 35 km).							UME	iP	05 59 45.4	
		M = 5.4 (UPP,KIR).						Taiwan region (h = 35 km).				
"	24	UPP	iP	03 40 26.7		"	24	UPP	iP	06 10 49.2		
			iS	03 44 26				UME	iP	06 11 25.1		
				micr sec				Aegean Sea (h = 10 km).				
			Mx	Z 5.7 12								
		KIR	iP	03 41 36.4				"	24	UPP	iP	06 57 41.1
				micr sec					KIR	i	06 57 26.1	
			Mx	Z 1.4 12					UME	eP	06 57 24	
		UME	iP	03 41 01.4				Taiwan region (h = N).				
			iS	03 45 32								
		Aegean Sea (h = 15 km).										
		M = 4.9 (UPP,KIR).						"	24	UME	iP	10 38 53.6
"	24	UPP	iP	04 12 30.9				North of Ascension Island (h = 10 km).				
			i	04 12 33.8								
			i	04 12 45.0				"	24	UPP	iP	11 18 49.7
			iS	04 22 16					UME	iP	11 19 21.6	
				micr sec								
			P	Z' 0.2 1.0				"	24	UPP	iP	16 48 10.2
			P	Z' 0.2 1.0				Taiwan region (h = N).				
			P	Z' 0.4 1.0								
			Mx	Z 202 19				"	24	KIR	iP	21 20 55.0
		KIR	iP	04 12 07.0				Volcano Islands region (h = N).				
			i	04 12 09.2								
			i	04 12 21.6				"	24	UPP	iP	21 23 21.8 D
				micr sec						ipP	21 23 45.2	
			P	Z' 0.4 1.4								
			P	Z' 1.0 1.7								
			Mx	Z 57 13								
		(cont).						(cont).				

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994		(cont.)				1994			
May	24			May	25				
		UPP	iS			UPP	iP		08 04 45.9
							iS		08 15 16
									micr sec
			P	Z'	0.4			Z'	0.1 1.3
			Mx	Z	1.6			Z	1.8 22
		KIR	iP			KIR	iP		08 04 15.7
			ipP				ipP		08 04 23.0
									micr sec
			P	Z'	0.5		P	Z'	0.2 0.9
		UME	iP				P	Z'	0.6 1.5
			ipP				Mx	Z	1.7 17
			iS			UME	iP		08 04 29.2
							ipP		08 04 35.5
							iS		08 14 43
									Volcano Islands region.
									h = 20 km (KIR,UME).
									m = 6.1, M = 5.4 (UPP,KIR).
"	25	UPP	iP			"	25	KIR	iP
		KIR	iP						11 30 13.1
		UME	iP						Volcano Islands region (h = N).
"	25	UPP	iP			"	25	UPP	iP
		KIR	iP					KIR	iP
		UME	iP						14 42 07.6
									14 42 51.5
									micr sec
								P	Z' 0.1 1.5
								UME	iP
									14 42 32.1
									North of Ascension Island
									(h = 10 km).
"	25	UPP	iPdiff			"	25	UPP	iP
			iPP						18 54 09.1
			iSKS					i	18 54 10.1
								ipP	18 54 14.9
								eS	19 03 48
									micr sec
			Mx	Z	19			P	Z' 0.1 0.8
		KIR	iP					P	Z' 0.3 1.0
								Mx	Z 4.4 19
								KIR	iP
									18 54 10.2
								ipP	18 54 15.5
									micr sec
								P	Z' 0.2 1.0
								Mx	Z 4.4 17
								UME	iP
									18 54 06.5
								ipP	18 54 10.7
									Nicobar Islands, India.
									h = 15 km (UPP,KIR,UME).
									m = 6.2, M = 5.8 (UPP,KIR).
"	25	UPP	iP			"	25	UPP	iP
									19 20 48.2
									Nicobar Islands, India (h = N).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994					
May	25	UPP	i(PKP)	21 23 35.3	May	26	KIR iPn	07 38 03.1	
			iSKP1	21 26 45.7			UME iP	07 38 42.4	
		KIR	ePKP	21 23 27			Jan Mayen Island region (h = 10 km).		
				Fiji Islands region (h = 370 km).					
"	25	UPP	ipP	21 25 26.8	"	26	KIR iPn	07 52 09.1	
		KIR	eP	21 25 52			UME iP	07 52 47.6	
				Carlsberg Ridge (h = 10 km).				Jan Mayen Island region (h = 10 km).	
"	25	UPP	iP	22 01 40.1	"	26	UPP iP	08 28 57.6	
		KIR	eP	22 01 41			UME iP	08 28 54.4	
		UME	iP	22 01 37.1			Nicobar Islands, India (h = N).		
				Nicobar Islands, India (h = N).		"	26	UPP iP	08 32 48.3
"	25	UPP	iP	22 21 01.4			iS	08 37 32	
				Carlsberg Ridge (h = 10 km).				micr sec	
"	25	UPP	iP	22 24 01.1			P	Z' 0.2 1.1	
			i	22 24 03.6			Mx	Z 31 18	
				Carlsberg Ridge (h = 10 km).		KIR	iP	08 33 48.4	
"	25	UPP	iP	22 42 50.3				micr sec	
				Carlsberg Ridge (h = 10 km).				P	Z' 0.6 1.5
"	25	UPP	iP	22 47 11.8			Mx	Z 22 12	
						UME	iP	08 33 21.1	
"	25	UPP	iP	00 03 28.8			i	08 33 30.2	
		KIR	eP	00 03 27			iS	08 38 34	
		UME	iP	00 03 25.6			Strait of Gibraltar (h = 10 km).		
				Nicobar Islands, India (h = 20 km).				m = 6.0, M = 6.0 (UPP,KIR).	
"	26	UPP	iP	00 40 38.4	"	26	UPP iP	14 03 13.9	
			i	00 40 44.9			KIR iP	14 02 40.6	
		KIR	eP	00 41 07			i	14 02 54.0	
		UME	i	00 40 54.6			UME iP	14 02 54.3	
				Carlsberg Ridge (h = 10 km).			i	14 03 08.0	
"	26	UPP	eP	03 54 35			Volcano Islands region (h = N).		
		KIR	eP	03 53 57	"	26	KIR iP	17 51 37.1	
		UME	iP	03 53 45.4			Volcano Islands region (h = 150 km).		
"	26	UPP	iP	04 43 38.1	"	26	KIR iP	17 57 04.1	
		UME	iP	04 43 21.9			Volcano Islands region (h = N).		
				Taiwan region (h = 35 km).		"	26	KIR iP	18 54 46.6
"	26	UME	iP	07 15 25.2	"	26	UPP iP	23 44 57.7	
				Off east coast of Honshu, Japan (h = N).			KIR iP	23 45 33.2	
							UME iP	23 45 11.4	
							Arabian Sea (h = 10 km).		
"	26	UPP	iP	01 04 42.9	"	27	KIR iPn	01 04 42.9	
							UME iP	01 05 20.7	
							Jan Mayen Island region (h = 10 km).		

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1994				1994					
May	27	UPP KIR	iP iP	02 59 13.7 02 59 45.8	May	28	UPP Tajikistan	iP (h = N).	09 11 30.3
				Arabian Sea (h = 10 km).					
"	27	KIR	iP	04 56 49.5	"	28	UPP	iP	16 51 34.1
				Tajikistan (h = 150 km).					Nicobar Islands, India (h = N).
"	27	KIR UME	iP iP	07 06 49.4 07 06 54.2	"	28	UME	iSg1	21 39 12.4
				Banda Sea (h = 130 km).					Norrbottn, Sweden, 65.7°N, 22.9°E.
"	27	UPP	iPKP	11 01 14.6					Origin time = 21 38 03.
				South of Fiji Islands (h = 120 km).					By combination with Finnish station readings.
"	27	UPP UME	iSn i iSg1	21 35 22.3 21 35 52.6 21 35 36.9	"	28	UPP KIR UME	iP eP iP	22 00 00.0 22 00 01 21 59 56.3
		DEL MYV	iSn iSg1	21 35 26.5 21 35 55.1					Nicobar Islands, India (h = N).
				21 35 17.5	"	28	UPP KIR UME	iP eP iP	22 05 35.1 22 05 41 22 05 32.6
				Norwegian Sea, 61.0°N, 3.2°E.					Nicobar Islands, India (h = N).
				Origin time = 21 32 07.	"	29	KIR UME	iPKP iPKP	12 44 21.1 12 44 27.4
				$M_L(\text{UPP}) = 2.8 (0.07) 2.$					Vanuatu Islands (h = 130 km).
				By combination with Finnish and Norwegian station readings.	"	29	UPP	iP i iS	14 22 34.7 14 22 51.2 14 31 12
"	27	UPP KIR UME	iP eP ipP	22 16 20.8 22 15 54 22 16 12.7					micr sec
				Northeast of Taiwan (h = N).					P Z' 0.4 0.7
"	28	UPP KIR UME	iP iP iP	01 32 22.4 C 01 31 39.3 01 31 59.0 C			KIR	iP	14 22 28.0
				Hokkaido, Japan region (h = 70 km).					micr sec
"	28	UPP	iP ipP	02 53 19.4 02 53 29.0					P Z' 1.0 1.1
				micr sec					Mx Z 13 15
				Mx Z 0.9 17			UME	iP iS	14 22 26.2 14 31 03
		KIR	epP	02 53 04					Myanmar (h = 35 km).
				micr sec					m = 6.7, M = 6.1 (UPP,KIR).
				Mx Z 0.7 13	"	29	UPP KIR UME	iP iP iP	14 46 37.1 14 46 32.6 14 46 30.1
				Taiwan region (h = N).					Myanmar (h = N).
				M = 5.1 (UPP,KIR).	"	29	UME	iP	15 03 52.2
"	28	UPP KIR UME	iP iP iP	08 15 53.7 08 15 17.0 D 08 15 32.7 D					Myanmar (h = N).
				Western Honshu, Japan (h = 50 km).	"	30	UME	iP	10 09 20.7
									Flores region, Indonesia (h = 120 km).

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1994

May	30	UPP	iPKP2	23 15 02.4
		UME	iPKP1	23 14 46.8 C
		Kermadec Islands region (h = 130 km).		
"	31	KIR	iP	16 43 53.2
		UME	iP	16 44 10.3
		Near s. coast of Honshu, Japan (h = 350 km).		
"	31	KIR	iP	17 25 57.5
		Near east coast of Kamchatka (h = 45 km).		
"	31	UPP	iP	17 54 25.2 C
			iS	18 04 44
				micr sec
		P	Z'	0.2 1.0
		KIR	iP	17 54 28.8 C
				micr sec
		P	Z'	1.7 1.5
		UME	iP	17 54 29.5 C
		Northern Colombia (h = 10 km). m = 6.6 (UPP,KIR).		
"	31	KIR	iP	19 11 24.2
		Northern Colombia (h = N).		
"	31	UPP	iP	20 58 21.6
		KIR	iP	20 58 24.5 C
				micr sec
		P	Z'	0.2 1.1
		UME	iP	20 58 25.2
		Venezuela (h = 40 km).		
"	31	KIR	iP	23 26 45.3
		Iceland region (h = 10 km).		

January 26, 1996

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SEISMOLOGICAL BULLETIN

UPPSALA, KIRUNA, UMEÅ, UDDEHOLM

DELARY and MYRVIKEN

Uppsala	(UPP)	59°51.5'N,	17°37.6'E;	h = 14 m
Kiruna	(KIR)	67°50.4'N,	20°25.0'E;	h = 390 m
Umeå	(UME)	63°48.9'N,	20°14.2'E;	h = 16 m
Uddeholm	(UDD)	60°05.4'N,	13°36.4'E;	h = 240 m
Delary	(DEL)	56°28.2'N,	13°52.2'E;	h = 150 m
Myrviken	(MYV)	62°56.5'N,	14°20.8'E;	h = 345 m

JUNE 1 - 30, 1994

1994					1994				
June	1	UPP	iP	03 25 13.0	June	2	UPP	iP	06 22 12.9
		KIR	iP	03 25 27.7			KIR	iP	06 21 19.1
		UME	eP	03 25 25			UME	iP	06 21 44.8
		Windward Islands (h = 70 km).					Off east coast of Kamchatka (h = N).		
"	1	KIR	iPn	07 56 07.7	"	2	UME	iSg1	09 09 17.7
		UME	iPn	07 56 57.2			West coast of Norway, 63.3°N, 8.7°E.		
		Greenland Sea, 74.9°N, 9.0°E. Origin time = 07 54 08. By combination with Finnish station readings.					Origin time = 09 06 39. Solution from Norwegian station readings.		
"	1	UPP	iP	18 50 12.1	"	2	UPP	iP	13 36 22.1
				micr sec			KIR	eP	13 36 14
			P	Z' 0.1 0.9			Myanmar-India border region (h = 100 km).		
		KIR	iP	18 49 18.9					
		Rat Islands, Aleutian Islands (h = N).							
"	1	UPP	eP	23 25 32	"	2	UME	iP	16 46 32.7
		KIR	iP	23 34 46.7			Central Italy (h = 10 km).		
		UME	eP	23 34 56	"	2	UPP	eP	18 31 36
		Kuril Islands (h = 60 km).						iPP	18 35 41.7
"	2	UME	iP	03 03 15.9				iSKS	18 42 20
		Hokkaido, Japan region (h = N).						iS	18 43 20
"	2	UPP	iP	04 51 33.8				micr sec	
		KIR	iP	04 51 17.9			KIR	eP	Z 118 19
			i	04 51 28.3				iPP	18 31 28
		UME	iP	04 51 24.2					18 35 42.9
		Philippine Islands region (h = 25 km).						micr sec	
							Mx	Z	104 20
							UME	iP	18 31 34.9

(cont).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994			
June	2	(cont.)		June	3	UME iP	18 30 03.9
		UME iP	18 35 41.0				South of Jawa, Indonesia (h = 40 km).
		South of Jawa, Indonesia		"	3	UPP iP	20 00 35.6
		(h = 20 km).				UME iP	20 00 39.3
		M = 7.3 (UPP,KIR).					Hindu Kush region, Afghanistan
"	2	UPP iP	18 45 55.3	"	3	UME iP	20 36 04.0
		KIR iP	18 45 59.0				Near coast of Chiapas, Mexico
		UME iP	18 46 01.1				(h = 70 km).
		Venezuela (h = 20 km).		"	3	UPP iP	21 20 51.7
"	2	UPP eP	18 47 31			iPP	21 25 12
		KIR iP	18 47 34.9			iSKS	21 31 26
		UME iP	18 47 36.1			iS	21 32 38
		Northern Colombia (h = N).				i	21 33 16
"	3	KIR eP	05 08 33				micr sec
		UME iP	05 08 34.1			Mx Z	12 21
		South of Jawa, Indonesia				KIR iP	21 20 46.3
		(h = 45 km).				iPP	21 24 54.7
"	3	UPP iP	09 03 32.2				micr sec
		KIR iP	09 04 34.8			Mx Z	12 16
		UME iP	09 04 08.7			UME iP	21 20 45.0
		Strait of Gibraltar (h = 15 km).				iPP	21 25 00.0
"	3	UME iPKP	09 54 26.1			iS	21 32 06
		Kermadec Islands, New Zealand					South of Jawa, Indonesia (h = 25 km).
		(h = N).					M = 6.4 (UPP,KIR).
"	3	UPP iP	11 38 08.4	"	3	UPP iP	21 34 59.0
		i	11 38 16.3			KIR iP	21 34 53.1
		iS	11 49 06			UME iP	21 34 53.1
		micr sec					South of Jawa, Indonesia (h = 45 km).
		P Z'	0.1 1.2	"	3	KIR iSg1	21 49 24.5
		KIR iP	11 38 08.9			UME iSg1	21 50 03.2
		i	11 38 17.2				Northern Norway, 66.8°N, 14.2°E.
		micr sec					Origin time = 21 48 00.
		P Z'	0.2 1.5				M _L (UPP) = 2.6 (0.06) 2.
		UME iP	11 38 11.2				Solution from Norwegian station
		i	11 38 19.0				readings.
		South of Panama (h = 10 km).		"	3	UPP iP	22 48 49.4
		m = 6.0 (UPP,KIR).				i	22 48 50.4
"	3	UPP iP	12 12 03.5			i	22 48 58.4
		i	12 12 11.3			iPP	22 50 40.2
		KIR iP	12 10 29.6				micr sec
		micr sec				P Z'	0.4 1.0
		P Z'	0.1 1.0			KIR iP	22 49 04.9
		UME iP	12 11 17.6				(cont).
		North of Svalbard (h = 10 km).					

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1994								1994								
Month	Day	Station	Type	Time	Lat	Long	Alt	Station	Type	Time	Lat	Long	Alt	Station	Type	
June	3	(cont).						June	4	UPP	eP	12 18 22				
		KIR	i	22 49 16.6						KIR	iP	12 18 15.6				
					micr	sec				UME	iP	12 18 15.9				
			P	Z' 0.5	1.5					South of Jawa, Indonesia (h = 30 km).						
		UME	iP	22 48 52.0												
			i	22 49 00.9					"	4	UME	iP	14 44 22.2			
			iPP	22 50 44.5							Chagos Archipelago region (h = 10 km).					
		Pakistan (h = N). m = 6.5 (UPP,KIR).								"	4	UPP	iP	14 57 10.6		
"	3	UME	iP	23 56 16.0							KIR	iP	14 58 54.8			
		South of Jawa, Indonesia (h = 30 km).									UME	iP	14 58 02.6			
											Poland (h = 10 km).					
"	4	KIR	iP	01 06 18.5				"	4	UPP	eP	20 23 38				
		UME	iP	01 06 23.1							iPP	20 27 43.7				
		Seram, Indonesia (h = 20 km).									KIR	iP	20 23 32.1			
"	4	UPP	ePdiff	01 11 49						UME	iP	20 23 32.7				
			iPP	01 16 08						South of Jawa, Indonesia (h = 30 km).						
			iSKS	01 22 30					"	5	UPP	iP	01 21 17.3			
			iS	01 23 36							ipP	01 21 21.4				
			i	01 25 27							iS	01 30 58				
					micr	sec							micr	sec		
			Mx	Z 14	21						P	Z' 0.1	1.0			
		KIR	iP	01 11 40.8							P	Z' 0.2	0.9			
			iPP	01 15 59.4							Mx	Z 94	18			
					micr	sec				KIR	iP	01 20 53.3				
			Mx	Z 10	17						ipP	01 20 56.6				
		UME	iP	01 11 40.6							iPP	01 23 23.8				
			iPP	01 15 53.5									micr	sec		
		South of Jawa, Indonesia (h = 10 km). M = 6.4 (UPP,KIR).									P	Z' 0.5	1.5			
"	4	UME	iP	07 37 40.0							Mx	Z 33	12			
		Caribbean Sea (h = 35 km).									UME	iP	01 21 02.3			
"	4	UME	iP	08 50 52.6							ipP	01 21 05.7				
		Near coast of Guerrero, Mexico (h = 10 km).									iPP	01 24 04.2				
											iS	01 30 16				
											Taiwan. h = 10 km (UPP,KIR,UME). m = 6.3, M = 6.9 (UPP,KIR).					
"	4	UPP	ePdiff	09 17 38				"	5	UPP	iP	01 25 06.7				
		UME	iPdiff	09 17 32.2						UME	iP	01 25 33.8				
		Northwest of Australia (h = N).									Northwestern Caucasus (h = N).					
"	4	UME	iP	11 50 22.6				"	5	UPP	iP	01 58 55.5				
		South of Jawa, Indonesia (h = 35 km).									KIR	iP	01 58 50.5			
											UME	iP	01 58 48.1			
											South of Jawa, Indonesia (h = 25 km).					

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1994				1994			
June	5	UPP iP KIR iP	05 08 29.7 05 07 35.0	June	6	UPP iP ipP iSKS iS	21 00 39.2 21 00 41.7 21 11 02 21 11 26
		Near east coast of Kamchatka (h = N).					micr sec
"	5	UPP iP KIR iP	06 03 32.9 06 03 06.7			P Z' P Z'	0.1 0.9 0.2 1.2
		Taiwan region (h = N).				Mx Z	42 24
"	5	KIR iP UME iP	06 10 34.9 06 10 31.6		KIR	iP ipP	21 00 40.7 21 00 44.0
		South of Jawa, Indonesia (h = N).					micr sec
"	5	UPP iP KIR iP	14 00 42.2 14 01 52.6			P Z' P Z'	0.4 1.8 0.7 1.7
		Central Mediterranean Sea (h = N).				Mx Z	23 26
"	6	UPP iP i KIR iP UME iP	07 32 34.5 07 32 48.5 07 33 56.2 07 33 15.0		UME	iP ipP iSKS iS	20 00 42.2 20 00 45.2 21 11 16 21 11 25
		Romania (h = 130 km).					Colombia. h = 10 km (UPP,KIR,UME). m = 6.6, M = 6.6 (UPP,KIR).
"	6	UPP iP KIR iP	09 09 15.0 09 08 47.3	"	6	UME iP	22 29 49.3
		Taiwan region (h = 10 km).				Afghanistan-Tajikistan bord. reg. (h = N).	
"	6	UPP iP	09 14 39.9	"	7	UPP iP UME iP	02 03 49.9 02 03 27.1
			micr sec			Near west coast of Honshu, Japan (h = 25 km).	
		P Z'	0.1 0.8				
		Mx Z	1.5 22	"	7	KIR iP UME eP	08 46 34.1 08 46 33
		KIR iP	09 14 09.1			Panay, Philippine Islands (h = 40 km).	
			micr sec	"	7	UPP iP KIR iP UME iP	09 29 41.4 09 29 10.8 09 29 22.9
		P Z'	0.1 1.0			Ryukyu Islands (h = 45 km).	
		Mx Z	3.5 22				
		UME iP	09 14 20.7	"	7	UPP iP KIR iP UME iP	13 41 08.7 13 40 31.1 13 40 53.3
		Ryukyu Islands (h = 60 km). m = 5.7, M = 5.4 (UPP,KIR). M uncorrected for focal depth.				Western Idaho (h = 5 km).	
"	6	KIR iPKP UME ePKP	10 15 21.8 10 15 23	"	7	UPP iP KIR iP UME iP	14 51 13.7 14 50 59.7
		West of Macquarie Island (h = 10 km).				South of Mariana Islands (h = 80 km).	
"	6	UPP iP KIR eP	11 25 02.9 11 25 07				
		Kashmir-Xinjiang border region (h = N).					

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1994				1994					
June	7	UPP	iP	18 44 54.0	June	9	UPP	iP	16 34 58.5
			i	18 44 55.6				i	16 35 20.8
		KIR	iP	18 44 52.0				iS	16 45 27
		UME	iP	18 44 50.4					micr sec
		Southern Sumatera, Indonesia (h = 40 km).						Mx	Z 2.6 21
							KIR	iP	16 34 39.8
									micr sec
"	8	KIR	iP	21 05 41.5				P	Z' 0.2 1.5
		UME	iP	21 05 46.4				Mx	Z 2.7 17
		Caribbean Sea (h = 10 km).					UME	iP	16 34 46.7
								ipP	16 35 07.5
"	8	UPP	iP	21 11 47.4				iS	16 45 03
		KIR	iP	21 11 31.9			Luzon, Philippine Islands (h = 80 km).		
		UME	iP	21 11 33.3			M = 5.6 (UPP,KIR).		
		Northern Xinjiang, China (h = N).					M uncorrected for focal depth.		
"	9	UPP	iP	00 45 53.2	"	9	UPP	iP	16 51 35.8
			i	00 46 05.0			KIR	iP	16 51 33.1
			ipP	00 48 25.2			UME	iP	16 51 31.6
			iPP	00 50 19.0			South of Jawa, Indonesia (h = N).		
			iSKS	00 55 31.4					
		KIR	iP	00 46 05.3	"	9	UPP	iP	20 44 24.3
				micr sec			KIR	iP	20 44 32.2
			P	Z' 1.5 2.5					micr sec
		UME	iP	00 46 02.1				P	Z' 0.1 0.7
			iSKS	00 55 41.3			UME	iP	20 14 21.9
		Northern Bolivia (h = 630 km).					Afghanistan-Tajikistan bord. reg. (h = 90 km).		
		m = 7.3 (UPP,KIR).							
"	9	UPP	iP	01 02 24.5	"	9	UME	iP	22 33 37.7
			i	01 02 28.7			Honduras (h = 35 km).		
"	9	UPP	eP	01 27 59	"	10	UME	iP	01 30 36.1
		KIR	iP	01 28 06.8			South of Jawa, Indonesia (h = N).		
				micr sec					
			P	Z' 0.2 1.8	"	10	UPP	iP	03 08 01.0
		UME	iP	01 28 11.3					micr sec
		Peru-Bolivia border region (h = 650 km).						Mx	Z 2.1 12
							KIR	iP	03 08 17.7
									micr sec
"	9	UPP	eP	03 17 02				Mx	Z 2.0 9
		KIR	iP	03 17 21.1			UME	iP	03 08 07.3
		Southern Sumatera, Indonesia (h = N).					Afghanistan-Tajikistan bord. reg. (h = N).		
							M = 5.2 (UPP,KIR).		
"	9	UPP	iP	14 28 57.8	"	10	UPP	iP	06 34 25.2 C
		KIR	iP	14 28 34.4			KIR	iP	06 34 10.2
		UME	iP	14 28 38.9					micr sec
		Taiwan (h = N).						P	Z' 0.3 0.9
							(cont).		

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994				
June	10	(cont).		June	11	UPP	iP	11 32 43.0
		UME	iP			KIR	iP	11 32 25.9
						UME	iP	11 32 31.2
		Southern Xinjiang, China.				Mindanao, Philippine Islands		
		Underground explosion.				(h = 35 km).		
"	10	UPP	iP	"	11	KIR	iP	16 26 43.9
						UME	iP	16 26 32.6
"	10	UPP	iP			Hindu Kush region, Afghanistan		
		KIR	iP			(h = 130 km).		
		UME	iP	"	11	KIR	iP	17 21 15.3
						UME	iP	17 21 06.1
		Off east coast of Kamchatka				Southern Sumatera, Indonesia		
		(h = 45 km).				(h = 40 km).		
"	10	UPP	iP	"	11	UPP	iSg1	17 34 06.5
		KIR	iP			KIR	iPg1	17 31 32.9
		UME	iP				iSg1	17 32 11.6
		Bonin Islands region (h = N).				UME	iPn	17 31 44.3
"	10	UPP	iP				iSg1	17 32 44.6
			i			MYV	iSg1	17 32 22.4
			ipP			Northern Norway, 66.3°N, 13.6°E.		
			iS			Origin time = 17 30 35.		
						M _L (UPP) = 3.0 (0.04) 2.		
						By combination with Finnish station readings.		
				"	13	UPP	iPKP	04 35 58.8
						South of Fiji Islands (h = 550 km).		
				"	13	UPP	iP	09 56 28.0
						Near east coast of Honshu, Japan		
						(h = 10 km).		
				"	13	UPP	iP	17 46 52.1
							i	17 47 04.6
								micr sec
							P	Z' 0.1 1.0
							Mx	Z 0.8 19
						KIR	iP	17 46 18.6
						UME	iP	17 46 33.4
							i	17 46 45.2
						Bonin Islands region (h = 30 km).		
"	10	UPP	iP	"	13	UME	iP	21 06 31.9
		UME	iP			Near s. coast of Honshu, Japan		
						(h = N).		
						Bonin Islands region (h = 100 km).		
"	10	UME	iP			Southern Iran (h = 20 km).		
"	11	UPP	iP					
		KIR	iP					
		UME	iP					

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994					
June	13	UPP	Mx	22 26	June	15	UPP	iP	09 36 48.2
				micr sec				iPP	09 41 12
			Mx	Z 2.8 19				iSKS	09 47 28
		KIR	Mx	22 19				iS	09 48 30
				micr sec					micr sec
			Mx	Z 3.1 18				Mx	Z 8.4 19
		UME	ePKP	21 33 41			KIR	iP	09 36 42.5
		New Britain region, P.N.G.							micr sec
		(h = 20 km).						Mx	Z 4.6 18
		M = 5.9 (UPP,KIR).					UME	iP	09 36 46.3
"	13	UPP	iP	22 06 54.0	"	15	UME	iP	10 04 09.0
		KIR	iP	22 06 36.2			South of Jawa, Indonesia (h = 20 km).		
		UME	iP	22 06 42.7			M = 6.1 (UPP,KIR).		
		North of Halmahera, Indonesia							
		(h = 55 km).							
"	14	UPP	iP	14 27 18.4	"	15	UPP	iP	10 42 42.5
		KIR	eP	14 27 45					micr sec
		Chagos Archipelago region						Mx	Z 6.9 21
		(h = 10 km).					KIR	iP	10 42 32.9
"	14	UPP	iP	15 41 10.8					micr sec
		KIR	iP	15 41 47.0				Mx	Z 3.4 18
		Southern Iran (h = N).					UME	iP	10 43 36.7
"	14	UPP	iP	19 24 08.0	"	15	UPP	iP	12 59 40.3
		KIR	iP	19 23 41.8					
		UME	iP	19 23 51.6	"	15	UPP	iP	16 58 11.7
		Northeast of Taiwan (h = 210 km).					KIR	iP	16 59 18.7
"	14	UPP	iP	21 15 32.5			Turkey (h = 10 km).		
		KIR	iP	21 15 12.4	"	15	KIR	iPn	17 44 15.0
				micr sec			Greenland Sea, 76.3°N, 11.2°E.		
			P	Z' 0.1 0.9			Origin time = 17 42 10.		
		UME	iP	21 15 17.7			By combination with Finnish station readings.		
		Northern Molucca Sea (h = N).							
"	15	UME	iP	02 00 52.8	"	15	KIR	iPn	18 53 55.9
		Mindoro, Philippine Islands							18 55 27.5
		(h = 210 km).					UME	iSn	18 57 04.9
"	15	KIR	iSg1	02 21 06.2			Barents Sea, 76.1°N, 24.7°E.		
		Northern Norway, 66.8°N, 14.1°E.					Origin time = 18 51 55.		
		Origin time = 02 19 42.					By combination with Finnish station readings.		
		M _L (UPP) = 2.5 1.							
		By combination with Finnish station readings.			"	15	UPP	iP	20 31 33.9
							KIR	iP	20 30 35.6

(cont).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994			
June				June			
15	(cont).	UME iP	20 31 05.3	18	(cont).	KIR iPKP1	03 45 03.1
							micr sec
						Mx Z	20 21
						UME iPKP	03 45 05.7
						iPKP1	03 45 14.3
						iPKP2	03 45 27.4
							South Island, New Zealand.
							(h = 15 km).
							M = 6.9 (UPP,KIR).
				"	18	UPP iP	12 49 27.0 C
						KIR iP	12 50 00.2
							micr sec
						P Z'	0.1 0.6
						UME iP	12 49 40.5 C
							Southern Iran (h = 10 km).
							m = 5.5 (UPP,KIR).
				"	18	KIR iPKP1	14 56 48.1
						UME iPKP1	14 56 58.9
							South Island, New Zealand (h = N).
				"	18	KIR iP	22 52 00.5
						UME iP	22 52 08.9
							South of Jawa, Indonesia (h = 45 km).
				"	18	UME iP	23 23 09.4
							Near east coast of Honshu, Japan
							(h = N).
				"	19	UPP iPg1	02 54 45.3
						iSg1	02 55 08.1
						iRg	02 55 16.6
						UME iSn	02 56 45.0
						iSg1	02 57 10.2
						DEL iPg1	02 54 59.6
						iSg1	02 55 30.8
							Närke, Sweden, 58.8°N, 15.1°E.
							Origin time = 02 54 16.
							M _L (UPP) = 2.6 1.
							Rockburst at the Zinkgruvan mine.
							Very well developed Rg phase at UPP
							records with clear dispersive
							characteristics.
				"	19	UPP iP	10 51 15.7
						KIR iP	10 50 36.8
							Near coast of Northern Calif.
							(h = 20 km).

(cont).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994							
June	19	UPP	iPKP1	14 03 57.9	June	21	UPP	iPKP2	02 38 49.3		
				micr sec			KIR	iPKP1	02 38 14.5		
			Mx	Z 2.6 21			UME	iPKP1	02 38 21.0		
		KIR	iPKP1	14 03 43.7			South Island, New Zealand (h = 10 km).				
				micr sec			"	21	UPP	iP	03 25 17.0
			Mx	Z 2.1 21					KIR	iP	03 25 54.1
		UME	iPKP1	14 03 50.6					UME	iP	03 25 30.7
		South Island, New Zealand (h = 10 km).					Southern Iran (h = N).				
		M = 5.9 (UPP,KIR).									
"	19	UPP	iPKP2	19 08 54.1	"	21	UPP	iP	04 23 14.9		
		KIR	ePKP	19 08 33			KIR	iP	04 23 52.0		
		UME	iPKP1	19 08 42.2			UME	iP	04 23 29.1		
		West of Macquarie Island (h = 10 km).					Southern Iran (h = 40 km).				
"	19	UPP	iP	20 20 22.4	"	21	KIR	iPKP1	08 51 33.1		
		Afghanistan-Tajikistan bord. reg. (h = 80 km).					UME	iPKP1	08 51 44.0		
							South Island, New Zealand (h = N).				
"	20	UPP	iP	09 16 29.4	"	21	KIR	iPKP	09 09 17.1		
			iPP	09 18 05.0			UME	iPKP	09 09 25.2		
			iS	09 22 22			Vanuatu Islands (h = 30 km).				
				micr sec	"	21	KIR	iSg1	19 42 45.9		
			P	Z' 0.5 1.0			Norrbotten, Sweden, 66.3°N, 23.3°E. Origin time = 19 41 45.				
			Mx	Z 9.7 18			By combination with Finnish station readings.				
		KIR	iP	09 17 06.7	"	24	UPP	iP	17 19 18.8		
			iPP	09 18 52.5			KIR	iP	17 19 22.6		
				micr sec			Southern Xinjiang, China (h = N).				
			P	Z' 0.5 1.0	"	24	UPP	eP	22 00 46		
			Mx	Z 5.6 14			KIR	iP	21 59 09.2		
		UME	iP	09 16 42.7			UME	iP	22 00 10.9		
			iPP	09 18 19.8			Greenland Sea (h = 10 km).				
			iS	09 22 28	"	24	UPP	eP	22 00 46		
		Southern Iran (h = 10 km).					KIR	iP	21 59 09.2		
		m = 6.2, M = 5.6 (UPP,KIR).					UME	iP	22 00 10.9		
"	20	UPP	iPKP1	10 04 25.1	"	25	UPP	eP	05 06 04		
		UME	iPKP1	10 04 15.9			UME	iP	05 06 20.5		
		Kermadec Islands region (h = 25 km).					Georgia-Armenia-Turkey bord. reg. (h = N).				
"	20	KIR	iP	10 25 39.6	"	25	UPP	iPKP1	08 38 16.3		
		UME	iP	10 25 49.3				iPKP2	08 38 26.3		
		Near coast of Oaxaca, Mexico (h = 30 km).					KIR	iPKP	08 37 58.4		
"	21	UPP	iP	02 20 58.2			UME	iPKP	08 38 06.7		
		UME	iP	02 21 20.5			South of Kermadec Islands (h = N).				
		Red Sea (h = 10 km).									

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994			
June	25	UPP iP	08 49 03.1	June	26	UME iPKP	22 14 02.0
		KIR iP	08 48 16.5			Solomon Islands (h = 30 km).	
		UME iP	08 48 37.6				
		Kuril Islands (h = 70 km).		"	27	UPP eP	02 17 25
"	25	UPP iP	10 51 46.9			KIR iP	02 17 18.9
		KIR iP	10 51 50.0			UME iP	02 17 26.4
		UME iP	10 51 42.9			Caribbean Sea (h = 10 km).	
		Kyrgyzstan (h = N).		"	27	UPP ePKP	04 29 25
"	25	UPP iP	12 25 20.0			KIR iPKP	04 29 32.3
			micr sec			UME iPKP	04 29 35.9
		P	Z' 0.1 0.9			Southern Pacific Ocean (h = 10 km).	
		KIR iP	12 24 24.9	"	27	KIR iPKP	10 08 22.4
			micr sec			UME iPKP	10 08 28.5
		P	Z' 0.1 0.8			Vanuatu Islands (h = 190 km).	
		UME iP	12 24 53.6 D	"	27	KIR iPKP	17 58 34.0
		Kodiak Island region (h = 70 km).				UME ePKP	17 58 35
		m = 5.9 (UPP,KIR).				Vanuatu Islands (h = 110 km).	
"	25	UPP iPKP	14 13 37.3	"	28	UPP iP	10 27 11.7
		KIR iPKP	14 13 51.8			UME iP	10 27 46.7
		UME ePKP	14 13 51			Albania (h = 30 km).	
		South Sandwich Islands region (h = 110 km).		"	28	UME iP	23 15 20.5
"	25	UPP iPKP1	15 05 25.5			Off east coast of Honshu, Japan (h = N).	
		Kermadec Islands region (h = 250 km).		"	29	KIR iP	02 12 52.8
"	25	UPP iPKP1	19 28 38.0			UME iP	02 13 08.8
		South of Kermadec Islands (h = N).				Near s. coast of Honshu, Japan (h = 50 km).	
"	26	UPP ePKP1	00 23 01	"	29	UME iP	02 40 14.5
		i	00 23 14.2			South of Honshu, Japan (h = 380 km).	
		Kermadec Islands region (h = N).		"	29	UPP Mx	12 53
"	26	UPP iP	03 07 17.8				micr sec
		KIR iP	03 06 31.8			Mx	Z 2.4 20
		UME iP	03 06 52.9			KIR Mx	12 52
		East of Kuril Islands (h = 70 km).					micr sec
"	26	KIR iP	10 25 23.9			Mx	Z 3.0 19
		Kyrgyzstan-Xinjiang border reg. (h = N).				Near coast of Nicaragua (h = 50 km).	
"	26	KIR iP	11 34 13.8			M = 5.6 (UPP,KIR).	
		Southern Xinjiang, China (h = 50 km).		"	29	UPP iP	18 32 10.3
						ipP	18 32 13.6

(cont).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994						1994			
June	29	(cont).				June	30	(cont).	
		UPP	iS	18 39 52				KIR	iP
				micr sec					09 30 54.3 C
			P	Z' 0.6 1.2					ipP
			Mx	Z 14 13					micr sec
		KIR	iP	18 31 58.6					P
			ipP	18 32 01.9					Z' 2.5 1.9
				micr sec				UME	Mx
			P	Z' 0.6 1.3					Z 5.3 11
			Mx	Z 7.1 14					iP
		UME	iP	18 31 59.7					09 30 43.9
			ipP	18 32 02.8					ipP
			iS	18 39 20					09 31 33.0
		Xizang.							i
		h = 10 km (UPP,KIR,UME).							09 33 17
		m = 6.5, M = 6.0 (UPP,KIR).							iS
									09 36 39
									Afghanistan-Tajikistan bord reg.
									h = 240 km (UPP,KIR,UME).
									m = 6.4, M = 5.7 (UPP,KIR).
									M uncorrected for focal depth.
"	30	UPP	eP	00 49 11		"	30	UPP	eP
				micr sec				KIR	iP
			Mx	Z 0.7 11					10 00 56
		KIR	iP	00 47 54.3					10 01 30.9
				micr sec					10 01 07.5
			P	Z' 0.2 1.0					Caspian Sea (h = N).
			Mx	Z 0.8 12				"	30
		UME	iP	00 48 35.0				UPP	iP
		North of Severnaya, Zemlya							13 21 06.5
		(h = 10 km).						KIR	iP
		M = 4.4 (UPP,KIR).							13 20 18.8
									micr sec
									P
									Z' 0.1 0.9
								UME	iP
									13 20 40.8 D
									Kuril Islands (h = 170 km).
								"	30
								UME	eP
									23 56 59
									Taiwan (h = N).
"	30	UPP	iP	00 58 07.0					
		KIR	iP	00 57 54.5					
		UME	iP	00 57 55.8					
		Xizang (h = N).							
"	30	UPP	Mx	01 54					
				micr sec					
			Mx	Z 1.8 19					
		KIR	Mx	01 52					
				micr sec					
			Mx	Z 1.5 18					
		Gulf of Mexico (h = 10 km).							
		M = 5.3 (UPP,KIR).							
"	30	UPP	iP	09 30 45.6 C					
			ipP	09 31 35					
			i	09 32 34					
			iS	09 36 41					
				micr sec					
			P	Z' 0.6 5					
			Mx	Z 8.6 11					
		(cont).							
									February 14, 1996
									Conny Holmqvist
									Ota Kulhánek
									Xin Pi
									Ronnie Quintero

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SEISMOLOGICAL BULLETIN

UPPSALA, KIRUNA, UMEÅ, UDDEHOLM

DELARY and MYRVIKEN

Uppsala	(UPP)	59°51.5'N,	17°37.6'E;	h = 14 m
Kiruna	(KIR)	67°50.4'N,	20°25.0'E;	h = 390 m
Umeå	(UME)	63°48.9'N,	20°14.2'E;	h = 16 m
Uddeholm	(UDD)	60°05.4'N,	13°36.4'E;	h = 240 m
Delary	(DEL)	56°28.2'N,	13°52.2'E;	h = 150 m
Myrviken	(MYV)	62°56.5'N,	14°20.8'E;	h = 345 m

JULY 1 - 31, 1994

1994					1994				
July	1	UPP	iP	05 25 48.0	July	1	(cont).		
		KIR	iP	05 25 04.4			UPP	iS	20 01 40
		UME	iP	05 25 22.0					micr sec
		Hokkaido, Japan region (h = 65 km).					P	Z'	0.1 1.1
"	1	UPP	iP	10 18 45.1			Mx	Z	2.6 21
			ipP	10 18 56.9			KIR	iP	19 56 38.1
			i	10 19 09.3				ipP	19 56 50.4
			iS	10 23 36					micr sec
				micr sec			P	Z'	0.1 1.4
		P	Z'	0.3 1.1			Mx	Z	0.9 16
		Mx	Z	7.9 17			UME	iP	19 56 15.1
		KIR	iP	10 19 14.8				ipP	19 56 27.3
			ipP	10 19 26.3			Turkmenistan.		
				micr sec			h = 50 km (UPP,KIR,UME).		
		P	Z'	0.3 1.5			m = 5.7, M = 4.7 (UPP,KIR).		
		Mx	Z	4.4 13	"	1	UPP	iP	22 39 24.6
		UME	iP	10 18 51.9	"	1	UPP	iP	22 54 16.7
			ipP	10 19 03.9			UME	iP	22 53 51.5
			iS	10 23 51			Hokkaido, Japan region (h = 65 km).		
		Turkmenistan.			"	2	UPP	iPKP	05 27 06.3
		h = 45 km (UPP,KIR,UME).					KIR	iPKP	05 26 53.5
		m = 6.0, M = 5.3 (UPP,KIR).					UME	iPKP	05 26 58.1
"	1	UPP	iP	13 13 42.2			Solomon Islands (h = 30 km).		
		KIR	iP	13 14 12.5	"	2	UPP	iPKP	06 05 10.5
		UME	iP	13 13 51.5				iSKP1	06 08 02.5
		Southern Iran (h = 45 km).					KIR	iPKP	06 05 04.3
"	1	UPP	iP	19 56 07.8				iSKP1	06 07 40.5
			ipP	19 56 20.4			UME	iPKP	06 05 09.3
			i	19 56 31.8			(cont).		
		(cont).					(cont).		

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994			
July	2	(cont).		July	2	(cont).	
		UME	iSKP1 06 07 49.6			KIR	eP 20 53 11
			Fiji Islands region (h = 570 km).				micr sec
"	2	UPP	iPKP 07 01 31.8			Mx	Z 0.7 9
		UME	iPKP 07 01 29.9				Hindu Kush region, Afghanistan
			iSKP1 07 04 10.4				(h = N).
			Fiji Islands region (h = 580 km).				M = 4.8 (UPP,KIR).
"	2	UPP	iPdiff 09 28 48.3	"	2	UPP	iP 21 14 53.8
		KIR	iP 09 28 33.1			KIR	eP 21 15 05
		UME	iP 09 28 37.8				Hindu Kush region, Afghanistan
			Banda Sea (h = 90 km).				(h = 55 km).
"	2	UPP	iSg1 11 52 41.2	"	3	UPP	iP 03 46 22.5
		KIR	e 11 49 06	"	3	UPP	iP 07 47 34.4
			iPn 11 49 06.9				Northwest of Ryukyu Islands
			iPg1 11 49 08.1				(h = 110 km).
			iSg1 11 49 35.3	"	3	UPP	eP 08 51 55
		UME	iPn 11 49 37.6				Southeast of Ryukyu Islands (h = N).
			iSn 11 50 25.7	"	4	UPP	eP 00 29 33
			iSg1 11 50 48.2			UME	iP 00 29 14.7
		DEL	iSg1 11 54 22.6				Ryukyu Islands (h = N).
		MYV	iSn 11 50 37.3	"	4	UME	iP 15 08 47.0
			iSg1 11 50 55.8				South of Panama (h = 25 km).
			Northern Norway, 67.7°N, 15.1°E.	"	4	KIR	eSn 16 09 09
			Origin time = 11 48 29.			UME	iPg1 16 08 03.9
			$M_L(UPP) = 3.5 (0.35) 3.$				iSg1 16 08 18.9
			By combinatin with Finnish station				iRg 16 08 26.7
			readings.				Västerbotten, Sweden, 64.8°N, 20.6°N.
"	2	UPP	iP 12 20 30.3				Origin time = 16 07 46.
			micr sec				Near surface event.
		Mx	Z 1.6 17				By combination with Finnish station
		KIR	iP 12 19 59.9				readings.
			micr sec	"	4	UPP	iP 21 49 37.2
		Mx	Z 1.5 18				iPP 21 53 10
		UME	iP 12 20 10.3				iSKS 22 00 06
			Ryukyu Islands (h = 45 km).				micr sec
			M = 5.3 (UPP,KIR).			Mx	Z 14 28
"	2	UPP	iPKP2 12 26 23.8			KIR	iP 21 49 25.6
		UME	iPKP 12 26 11.8				iPP 21 52 44.3
			Kermadec Islands, New Zealand				micr sec
			(h = 360 km).			P	Z' 0.2 1.0
"	2	UPP	iP 20 53 02.9			UME	iP 21 49 32.5
			micr sec				iPP 21 53 10.9
		Mx	Z 0.8 10				(cont).
			(cont).				(cont).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994			
July				July			
4	(cont).			6	UPP	iP	09 26 10.3
	UME	iSKS	21 59 44				micr sec
	Off coast of Oaxaca, Mexico (h = 15 km).					Mx	Z 0.7 13
					KIR	iP	09 25 54.7
							micr sec
"	5	UPP	iP 00 34 40.2			P	Z' 0.1 1.0
		KIR	iP 00 33 52.7			Mx	Z 1.1 15
		UME	iP 00 34 14.1		UME	iP	09 25 58.5
	Kuril Islands (h = 130 km).				Mindanao, Philippine Islands (h = 150 km).		
					M = 5.3 (UPP,KIR).		
"	5	UPP	iPKP 03 18 09.2	"	6	UPP	iP 12 27 08.5
			iSKP1 03 21 06			KIR	iP 12 27 17.7
			i 03 21 44			UME	iP 12 27 06.0
		KIR	iPKP 03 17 59.6		Afghanistan-Tajikistan bord reg. (h = N).		
		UME	iPKP 03 18 05.3				
			iSKP1 03 20 53.6				
	Fiji Islands region (h = 410 km).						
"	5	UPP	iP 10 22 20.4	"	7	UPP	iPg1 01 47 10.8
			eSKS 10 33 04				iSg1 01 47 31.6
			micr sec				iRg 01 47 41.0
		Mx	Z 3.8 20		UME	iSn	01 49 08.6
	KIR	iP	10 22 01.0			i	01 49 29.9
			micr sec			iSg1	01 49 34.3
		Mx	Z 3.0 19		DEL	iPg1	01 47 22.9
	UME	iP	10 22 07.1			iSg1	01 47 54.6
			iS 10 32 34			iRg	01 48 08.2
	Leyte, Philippine Islands (h = 30 km).				Närke, Sweden, 58.8°N, 15.1°E.		
	M = 5.7 (UPP,KIR).				Origin time = 01 46 43.		
"	5	UPP	eP 12 10 00		Rockburst at the Zinkgruvan mine. Felt.		
	Yunnan, China (h = N).				Very well developed Rg phase at UPP records with clear dispersive characteristics.		
"	5	UPP	iP 13 43 35.0	"	7	UPP	iP 19 38 53.2
		KIR	eP 13 44 02			KIR	iP 19 38 45.3
		UME	iP 13 43 46.6			UME	iP 19 38 41.6
	Mid-Indian Ridge (h = 10 km).				Eastern Kazakhstan (h = N).		
"	5	UPP	iP 16 38 24.5	"	7	UPP	iPg1 20 49 07.1
			ipP 16 38 51.3				iSg1 20 49 28.4
		KIR	iP 16 37 41.3				iRg 20 49 37.7
			ipP 16 38 07.7		UME	iSn	20 51 04.8
		UME	iP 16 38 00.0			i	20 51 27.2
			ipP 16 38 26.0			iSg1	20 51 29.6
	Hokkaido, Japan region. h = 110 km (UPP,KIR,UME).				DEL	iPg1	20 49 19.5
"	6	UPP	iPKP2 00 10 03.1			iSg1	20 49 50.7
		UME	iPKP2 00 09 52.0				
	South of Kermadec Islands (h = N).						

(cont).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994		1994	
July	7	(cont).	July 9
		DEL iRg 20 50 03.7	KIR iP 12 25 43.2
		Närke, Sweden, 58.8°N, 15.1°E.	UME iP 12 26 10.3
		Origin time = 20 48 38.	Alaska Peninsula (h = N).
		M _L (UPP) = 2.7 1.	" 9
		Rockburst at the Zinkgruvan mine.	KIR iSg1 14 07 37.1
		Felt.	UME iSg1 14 08 20.3
		Very well developed Rg phase at	Northern Norway, 66.9°N, 15.3°E.
		UPP records with clear dispersive	Origin time = 14 06 17.
		characteristics.	M _L (UPP) = 2.5 1.
			By combination with Finnish station
"	7	UPP eP 22 36 23	readings.
		UME iP 22 36 04.2	" 9
		i 22 36 16.5	UPP iPKP2 14 10 02.5
		South of Honshu, Japan (h = N).	KIR iPKP1 14 09 33.0
			UME iPKP1 14 09 40.1
			Off e. coast of N. Island, N. Z.
			(h = 160 km).
"	8	UPP iP 10 44 26.9	" 9
		KIR iP 10 43 40.0	UPP Mx 17 55
		UME iP 10 44 01.7	micr sec
		Sea of Okhotsk (h = 490 km).	Mx Z 1.3 19
			KIR ePKP 16 17 13
"	8	UPP eP 13 10 30	UME iPKP 16 17 13.0
		North Atlantic ocean (h = 10 km).	Southern Pacific Ocean (h = 25 km).
"	8	UPP iP 17 21 29.1	" 10
		micr sec	KIR iPKP 03 17 05.1
		Mx Z 1.1 20	UME iPKP 03 17 10.2
		KIR iP 17 21 55.7	Vanuatu Islands (h = 200 km).
		UME iP 17 21 40.1	" 10
		Carlsberg Ridge (h = 10 km).	UPP iP 23 21 25.0 C
			micr sec
"	8	UPP iPg1 21 01 50.5	P Z' 0.1 0.6
		iSg1 21 02 11.6	KIR iP 23 21 36.3 C
		i 21 02 14.7	micr sec
		DEL iSg1 21 02 34.7	P Z' 0.2 0.6
		Närke, Sweden, 58.8°N, 15.1°E.	UME iP 23 21 24.0 C
		Origin time = 21 01 22.	i 23 21 29.8
		Rockburst at Zinkgruvan mine.	Hindu Kush region, Afghanistan
"	9	UPP iPg1 06 01 50.6	(h = 230 km).
		iSg1 06 02 11.6	m = 5.6 (UPP,KIR).
		i 06 02 14.9	" 11
		iRg1 06 02 21.9	UPP iP 04 48 36.3
		DEL iPg1 06 02 06.0	Ryukyu Islands (h = 45 km).
		iSg1 06 02 37.1	" 11
		iRg 06 02 49.9	UPP iP 06 24 19.0
		Närke, Sweden, 58.8°N, 15.1°E.	KIR iP 06 23 27.8
		Origin time = 06 01 22.	UME iP 06 23 51.4
		Rockburst at Zinkgruvan mine.	Off east coast of Kamchatka
			(h = 35 km).

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1994				1994							
July	11	UPP	iP	21 04 05.6	July	13	UPP	ePKP	00 44 24		
			ipP	21 04 13.8			KIR	iPKP	00 44 12.6		
				micr sec			UME	iPKP	00 44 16.3		
			Mx	Z 1.4 17			Vanuatu Islands (h = N).				
		KIR	iP	21 04 37.9		"	13	UPP	ePKP	02 55 01	
				micr sec				iPP	02 57 31.3		
			Mx	Z 1.0 14				i	02 58 33.6		
		UME	iP	21 04 14.7					micr sec		
			ipP	21 04 23.5				Mx	Z 92 21		
		Turkmenistan-Iran border region. h = 30 km (UPP,UME). M = 4.7 (UPP,KIR).					KIR	iPKP	02 54 54.4		
								iPP	02 56 49.8		
"	12	UPP	iP	04 42 26.8					micr sec		
				micr sec				Mx	Z 48 20		
			P	Z' 0.1 1.0			UME	iPKP	02 54 58.0		
		KIR	iP	04 42 36.8				iPP	02 57 11.2		
				micr sec			Vanuatu Islands (h = N). M = 7.3 (UPP,KIR).				
			P	Z' 0.1 0.5							
		UME	iP	04 42 25.1		"	13	UPP	iPKP	03 02 55.4	
			ipP	04 43 15.6				KIR	iPKP	03 02 43.8	
		Afghanistan-Tajikistan bord reg. (h = 250 km). m = 5.2 (UPP,KIR).						UME	iPKP	03 02 47.7	
							Vanuatu Islands (h = N).				
"	12	UPP	ePKP	12 05 35		"	13	UPP	iPKP	03 32 29.7	
		Kermadec Islands region (h = N).						iPP	03 34 46.3		
								i	03 35 54.4		
"	12	UPP	ePKP	12 17 47			KIR	iPKP	03 32 17.0		
		Kermadec Islands region (h = N).						iPP	03 33 59.7		
							UME	iPKP	03 32 21.7		
								iPP	03 34 24.1		
"	12	UPP	eP	13 58 59			Vanuatu Islands (h = N).				
			iS	14 08 21		"	13	KIR	iP	05 31 33.0	
				micr sec				UME	eP	05 31 09	
			Mx	Z 1.5 22			Southern Iran (h = N).				
		KIR	eP	13 59 01							
				micr sec			"	13	UPP	iPKP	08 29 01.4
			Mx	Z 1.7 19				KIR	ePKP	08 28 48	
		UME	iP	13 59 02.5				UME	iPKP	08 28 53.9	
			iS	14 08 29			Vanuatu Islands (h = 30 km).				
		Dominican Republic region (h = N). M = 5.2 (UPP,KIR).				"	13	UPP	iPdiff	11 59 18.7 C	
"	12	UPP	iP	21 30 30.3				iPP	12 03 44.0		
		KIR	iP	21 29 37.8				iSKS	12 09 40		
		UME	iP	21 30 06.1				iS	12 10 54		
		Rat Islands, Aleutian Islands (h = N).							micr sec		
								P	Z' 0.2 0.9		
"	12	UPP	eP	22 53 42				Mx	Z 2.7 18		
		UME	iP	22 53 36.1			KIR	iP	11 59 06.4 C		
		Sunda Strait (h = N).					(cont).				

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1994				1994					
July	13	(cont.) KIR	iPP	12 03 27.2	July	14	UME eP	13 37 28	Gulf of California (h = 10 km).
				micr sec					
			P	Z' 0.7 0.9	"	14	UPP ePKP	15 58 07	
			Mx	Z 3.1 17			UME ePKP	15 58 02	
		UME	iP	11 59 09.7 C			Tonga Islands region (h = N).		
			iPP	12 03 32.3	"	14	UPP iP	18 48 32.3	
			iSKS	12 09 33			ipP	18 49 13.8	
			iS	12 10 34			KIR iP	18 47 39.4	
		Banda Sea (h = 160 km).					ipP	18 48 20.6	
		m = 7.2, M = 5.8 (UPP,KIR).						micr sec	
		M uncorrected for focal depth.					P	Z' 0.1 1.0	
"	13	UPP	ePKP	14 07 15			UME iP	18 48 05.7	
		UME	ePKP	14 07 09			ipP	18 48 46.6	
		Vanuatu Islands (h = 25 km).					Unimak Island region. h = 180 km (UPP,KIR,UME).		
"	13	UPP	eP	18 04 10	"	14	UPP iP	19 17 08.2	
		KIR	eP	18 03 32			UME iP	19 17 16.4	
		Off coast of Oregon (h = 10 km).							
"	14	UPP	iPKP	00 28 37.4	"	14	UPP iP	20 21 31.1	
			i	00 32 00.5			KIR iP	20 22 05.2	
				micr sec			UME eP	20 21 42	
			Mx	Z 3.4 21			Southern Iran (h = N).		
		KIR	iPKP	00 28 23.8	"	15	KIR iPg1	07 47 19.8	
				micr sec			iSg1	07 47 55.1	
			Mx	Z 2.4 20			UME iSn	07 48 08.8	
		UME	ePKP	00 28 37			iSg1	07 48 22.1	
		Vanuatu Islands (h = 20 km).					Northern Norway, 66.4°N, 14.8°E. Origin time = 07 46 31. M _L (UPP) = 2.5 (0.08) 2. By combination with Norwegian station readings.		
		M = 5.9 (UPP,KIR).							
"	14	KIR	iPKP	08 12 06.5	"	15	UPP ePKP	16 23 39	
		UME	iPKP	08 12 08.5			KIR ePKP	16 23 28	
		Vanuatu Islands (h = 35 km).					UME ePKP	16 23 32	
		Vanuatu Islands (h = N).					Vanuatu Islands (h = N).		
		M = 5.6 (UPP,KIR).							
"	14	UPP	ePKP	08 44 47	"	15	UPP iP	18 03 41.4	
				micr sec			KIR iP	18 02 50.4	
			Mx	Z 1.2 22			UME iP	18 03 14.6	
		KIR	ePKP	08 44 36			Kuril Islands (h = 120 km).		
				micr sec					
			Mx	Z 1.7 22					
		UME	ePKP	08 44 42					
		Vanuatu Islands (h = N).							
		M = 5.6 (UPP,KIR).							
"	14	KIR	ePKP	11 45 31	"	15	UPP iP	18 22 20.7	
		UME	iPKP	11 45 37.3			iPKP2	18 22 29.1	
		Vanuatu Islands (h = 20 km).					UME iP	18 22 10.4	
		Vanuatu Islands (h = 20 km).					South of Kermadec Islands (h = N).		

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1994				1994			
July	15	UME eP	23 21 11	July	18	UPP iPKP1	02 44 19.9
		Off coast of central America					micr sec
		(h = 70 km).				Mx	Z 1.0 18
"	15	UME iP	23 59 59.3			UME iPKP	02 44 07.3
		Turkey (h = 10 km).				Kermadec Islands, New Zealand	(h = 40 km).
"	16	UPP iP	18 18 14.7	"	18	UPP iPKP	14 16 56.9
		iPP	18 22 32.2			UME iPKP	14 16 51.1
		Banda Sea (h = 440 km).				Fiji Islands region (h = 570 km).	
"	17	UPP eP	01 15 48	"	18	UPP iP	15 49 03.3
		Luzon, Philippine Islands					micr sec
		(h = 20 km).				P	Z' 0.1 0.7
"	17	UPP iP	04 55 29.5			Mx	Z 1.0 11
		Jawa, Indonesia (h = 310 km).				KIR Mx	16 03
"	17	UME iP	17 49 53.2				micr sec
		Nepal (h = 30 km).				Mx	Z 0.9 13
"	17	UPP iP	22 19 21.4			UME iP	15 49 43.0
		UME iP	22 19 19.6			Greece (h = 10 km).	
		Afghanistan-Tajikistan bord reg.		"	18	UPP iP	16 47 45.8
		(h = N).					micr sec
"	17	UPP ePKP	22 24 04.5			Mx	Z 1.1 16
		i	22 27 32.1			KIR Mx	17 40
		UME iPKP	22 23 59.3				micr sec
		Vanuatu Islands (h = N).				Mx	Z 1.4 17
"	17	UPP iP	00 08 37.6			UME iP	16 47 41.5
		Mindoro, Philippine Islands				South of Jawa, Indonesia (h = N).	
		(h = 25 km).				M = 5.4 (UPP,KIR).	
"	18	UPP iPg1	00 12 56.3	"	18	UPP iPKP1	18 20 47.4
		iSg1	00 13 17.4			UME iPKP	18 20 34.7
		i	00 13 20.0			Kermadec Islands, New Zealand	(h = 140 km).
		iRg	00 13 26.2	"	18	UPP iP	21 26 51.7
		UME iSg1	00 15 19.7			UME iP	21 26 50.1
		DEL iPg1	00 13 10.5			Hindu Kush region, Afghanistan	(h = 170 km).
		iSg1	00 13 40.8	"	18	UPP iPKP1	22 12 24.9
		Närke, Sweden, 58.8°N, 15.1°E.				UME iPKP	22 12 12.4
		Origin time = 00 12 28.				Kermadec Islands region (h = N).	
		$M_L(UPP) = 2.5$ 1.		"	19	UPP iP	00 13 20.4
		Rockburst at the Zinkgruvan mine.				UME iP	00 14 02.8
		Very well developed Rg phase at				Mariana Islands region (h = 35 km).	
		UPP records with clear dispersive					
		characteristics.					

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1994				1994			
July	19	UPP iPKP	03 26 03.5	July	21	UME iP	11 59 56.7
		Kermadec Islands region (h = N).				Irian Jaya region, Indonesia (h = N).	
"	19	UPP iP	04 13 27.8	"	21	UME i	13 18 12.2
		UME iP	04 13 24.9			iSg1	13 18 16.5
		Afghanistan-Tajikistan bord reg. (h = N).				i	13 18 20.3
"	19	UPP iP	11 44 05.6			Västerbotten, Sweden, 65.1°N, 20.5°E. Origin time = 13 17 35. By combination with Finnish station readings.	
"	19	UPP iPKP	12 19 08.7	"	21	UME iP	16 06 27.7
		Mx	Z 1.5 22			South of Jawa, Indonesia (h = 25 km).	
		KIR Mx	13 19	"	21	UME iPKP	17 20 36.5
		Mx	Z 2.3 22			Vanuatu Islands (h = 210 km).	
		UME iPKP	12 19 01.5	"	21	UPP iP	18 46 25.1
		Tonga Islands region (h = 50 km). M = 5.7 (UPP,KIR).				i	18 46 30.6
"	19	UPP iP	16 31 32.4			iPP	18 49 00
		UME iP	16 31 18.3			iS	18 54 28.0
		Leyte, Philippine Islands (h = 20 km).				P	Z' 3.3 1.5
"	20	UPP eP	02 09 47			Mx	Z 17 12
		UME iP	02 09 24.8			KIR Mx	19 21
		Near east coast of Honshu, Japan. (h = N).					micr sec
"	20	UME iP	04 43 02.0			P	Z' 1.7 1.1
		Near east coast of Honshu, Japan (h = 80 km).				Mx	Z 16 12
"	20	UPP eP	18 21 53.0			UME iP	18 46 02.8
		East of North Island, N.Z. (h = N).				iS	18 53 47.2
"	20	UPP eP	18 26 08	"	21	UPP iP	19 05 54.4 D
		South of Kermadec Islands (h = 310 km).					micr sec
"	20	UPP iPKP1	20 42 03.1			P	Z' 0.2 1.1
		UME iPKP	20 41 52.1			UME iP	19 05 31.5 D
		South of Kermadec Islands (h = 310 km).				Sea of Japan (h = 510 km). m = 5.6 (UPP,KIR).	
"	21	UPP iP	03 01 38.4	"	21	UME iSn	20 24 42.4
		UME iP	03 01 13.4			Norwegian Sea, 70.4°N, 18.2°E. Origin time = 20 21 55. By combination with Finnish station readings.	
		Kuril Islands (h = 180 km).		"	21	UPP iP	21 43 54.1
"	21	UPP iP	05 17 16.5			ipP	21 44 04.8
		Northwestern Balkan region. (h = N).				UME iP	21 43 30.6
						(cont).	

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1994				1994			
July	21	(cont). UME ipP	21 43 41.1	July	23	UPP iP	07 14 42.5
		Off east coast of Honshu, Japan. h = 35 km (UPP,KIR,UME).				ipP	07 14 50.5
"	22	UME iP	00 49 18.0			UME iP	07 14 52.0
		Iceland (h = 10 km).				ipP	07 15 00.1
"	22	UPP iPKP	08 34 07.7	"	23	UPP iP	07 33 10.4
		UME iPKP	08 34 01.2			i	07 33 22.5
		South of Fiji Islands (h = 130 km).				P	Z' 0.1 1.4
"	22	UPP iPKP	17 16 38.5			UME iP	07 34 20.5
			micr sec			i	07 34 30.3
		Mx Z	4.6 21			Leeward Islands (h = 70 km).	
		KIR Mx	18 06			m = 5.6 (UPP,KIR).	
			micr sec	"	23	UPP ePKP	13 17 16
		Mx Z	4.7 21			Mx Z	2.0 21
		UME iPKP	17 16 31.8			KIR Mx	14 08
		Solomon Islands (h = 20 km).					micr sec
		M = 6.0 (UPP,KIR).				Mx Z	2.1 21
"	22	UPP iP	18 13 08.6			UME iPKP	13 17 09.3
"	22	UPP ePKP	22 54 18			Tonga Islands (h = 40 km).	
		UME iPKP	22 54 11.1			M = 5.8 (UPP,KIR).	
		Fiji Islands region (h = 640 km).		"	23	UPP ePKP	13 59 07
"	22	UPP iP	23 51 49.7			UME ePKP	13 58 52
		iS	23 55 32			Vanuatu Islands (h = N).	
			micr sec	"	23	UPP iP	14 02 37.3
		Mx Z	1.0 19	"	23	UPP eP	18 12 31
		KIR Mx	23 54			UME iP	18 12 19.5
			micr sec			Philippine Islands region (h = 45 km).	
		P Z'	1.9 20	"	23	UPP iP	21 07 17.6
		UME iP	23 51 03.5			iS	21 14 48
		iS	23 54 09				micr sec
		Greenland Sea (h = 10 km).				Mx Z	1.5 14
		M = 4.1 (UPP,KIR).				KIR Mx	21 30
"	23	UPP iP	04 51 20.8				micr sec
		ipP	04 51 30.8			Mx Z	3.1 18
		UME iP	04 51 18.5			UME iP	21 07 10.3
		ipP	04 51 28.7			iS	21 14 37
		Southwest of Sumatera, Indonesia. h = 35 km (UPP,KIR).				Xizang (h = 15 km).	
"	23	UPP eP	06 08 25			M = 5.2 (UPP,KIR).	
		UME iP	06 08 25.5	"	24	UPP iP	05 00 11.2
		Near coast of Oaxaca, Mexico (h = 35 km).					

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1994				1994			
July	24	UPP iPKP	05 15 18.1	July	24	(cont).	
		UME iPKP	05 15 09.6			UME iP	23 49 12.6
		South of Kermadec Islands (h = 150 km).				India-Bangladesh border region (h = N).	
"	24	UPP iP	11 12 46.4	"	25	UPP iPKP	04 58 05.6
		UME iP	11 12 44.1			i	04 58 12.7
		Southern Sumatera, Indonesia (h = 80 km).				i	04 58 24.7
		UME iPKP	04 58 14.2			UME iP	04 58 17.7
"	24	UPP iP	11 55 14.4			South Sandwich Islands region (h = N).	
"	24	UPP iP	14 34 49.3	"	25	UPP iP	06 09 51.8
		UME iP	14 34 29.1			UME iP	06 09 31.4
		South of Honshu, Japan (h = 45 km).				South of Honshu, Japan (h = N).	
"	24	UPP iP	14 55 19.9 D	"	25	UPP iPKP	11 27 28.4
		iS	15 01 20			UME iPKP	11 27 20.8
			micr sec			Santa Cruz Islands (h = 230 km).	
		P	Z' 0.3 0.7			UPP iPKP	16 05 34.2
		UME iP	14 55 17.3 D	"	25	UME iPKP	16 05 27.6
		Afghanistan-Tajikistan bord reg. (h = 120 km). m = 6.1 (UPP,KIR).				Mx Z	1.1 20
"	24	UPP ePKP	18 14 53			UME iPKP	16 05 27.6
		i	18 18 19.5			Solomon Islands (h = 30 km).	
			micr sec	"	25	UPP iP	17 52 50.8
		Mx Z	8.1 22				micr sec
		KIR Mx	19 05			Mx Z	0.6 12
			micr sec			KIR Mx	18 22
		Mx Z	4.8 17				micr sec
		UME iPKP	18 14 45.0			Mx Z	1.1 15
		Vanuatu Islands (h = 20 km). M = 6.3 (UPP,KIR).				UME iP	17 52 31.5
"	24	UPP iP	20 46 41.8			Yellow Sea (h = 10 km). M = 5.1 (UPP,KIR).	
		UME iPKP	20 46 46.2	"	25	UPP ePdiff	22 16 00
		Dominican Republic region (h = N).				iPKP	22 19 04.6
"	24	UPP iP	22 11 19.4			iPP	22 20 32.0
		UME iP	22 11 14.1			iSKS	22 25 50.0
		South of Jawa, Indonesia (h = 35 km).				iSKKS	22 27 22.0
						i	22 30 28.0
							micr sec
"	24	UPP iP	22 42 34.1			Mx Z	6.1 19
		Northern Xinjiang, China (h = N).				KIR Mx	23 15
							micr sec
						Mx Z	4.3 19
"	24	UPP iP	23 49 18.9			UME iPKP	22 19 12.7
		(cont).				(cont).	

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994					1994			
July	25	(cont).			July	27	(cont).	
		UME	iPP	22 21 02.5			DEL	iSg1 04 29 39.3
				South Sandwich Islands region				iRg 04 29 52.2
				(h = 80 km).				Närke, Sweden, 58.8°N, 15.1°E.
				M = 6.2 (UPP,KIR).				Origin time = 04 28 24.
				M uncorrected for focal depth.				Rockburst at the Zinkgruvan mine.
"	25	UPP	iP	22 29 09.0				Very well developed Rg phase at UPP records with clear dispersive characteristics.
"	25	UME	iSn	23 29 34.0	"	27	UPP	iPg1 05 55 41.3
			iSg1	23 29 51.5				iSg1 05 56 02.2
				Northern Norway, 66.8°N, 13.8°E.				iRg1 05 56 12.6
				Origin time = 23 27 47.			DEL	ePg1 05 55 54
				$M_L(\text{UPP}) = 2.4$ 1.				iSg1 05 56 25.4
				By combination with Finnish station readings.				iRg 05 56 38.4
"	26	UPP	eP	02 13 36				Närke, Sweden, 58.8°N, 15.1°E.
								Origin time = 05 55 12.
"	26	UPP	iPg1	04 19 22.2				Rockburst at the Zinkgruvan mine.
			iSg1	04 19 43.0				Very well developed Rg phase at UPP records with clear dispersive characteristics.
			iSn	04 19 46.0				
			iRg1	04 19 53.7				
		UME	iSg1	04 21 51.7	"	27	UPP	iP 07 40 37.4
		DEL	iPg1	04 19 34.2				
			iSg1	04 20 07.1	"	27	UPP	iP 07 44 02.8
			iRg	04 20 20.3			UME	iP 07 43 41.0
				Närke, Sweden, 58.8°N, 15.1°E.				Near east coast of Honshu, Japan (h = 60 km).
				Origin time = 04 18 52.				
				Rockburst at the Zinkgruvan mine.				
				Very well developed Rg phase at UPP records with clear dispersive characteristics.	"	27	UPP	ePn 09 44 36
"	26	UPP	iPKP	17 29 28.5				iSn 09 45 43.0
				Fiji Islands region (h = 590 km).				iSg1 09 46 16.0
							UME	iPn 09 44 28.3
								iSn 09 45 47.5
								iSg1 09 46 18.3
"	26	UPP	eP	18 09 07			DEL	e 09 44 35
			i	18 09 19.9				iPn 09 44 40.0
				Southern Iran (h = N).				iSn 09 46 09.7
								i 09 46 33.7
								iSg1 09 46 44.4
"	26	UPP	iP	18 37 20.3			MYV	iPn 09 43 53.1
		UME	iP	18 37 03.3				iSn 09 44 42.2
				Volcano Islands region (h = 200 km).				iSg1 09 45 01.1
"	27	UPP	iPg1	04 28 54.9				Off coast of southwestern Norway.
			iSg1	04 29 18.5				62.5°N, 4.9°E.
			iRg1	04 29 26.2				Origin time = 09 42 46
		UME	iSn	04 30 53.1				$M_L(\text{UPP}) = 4.2$ (0.16) 3.
		DEL	ePg1	04 29 08				Felt.
		(cont).						By combination with Finnish station readings.

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1994				1994			
July	27	UPP	eP	10 50 13	July	28	(cont).
			i	10 50 24.4			UME iP 19 00 27.5
		Taiwan (h = N).					Afghanistan-Tajikistan bord reg. (h = 130 km).
"	27	UPP	eP	10 54 08	"	28	UPP iP 19 16 27.7
			i	10 54 26.2			
		UME	iP	10 53 24.3			
			i	10 53 04.7	"	28	UPP iPKP 20 29 09.7
		Greenland Sea (h = 10 km).					UME iPKP 20 29 02.7
		Greenland Sea (h = 10 km).					Tonga Islands (h = 120 km).
"	27	UPP	eP	12 46 57	"	28	UME iPKP 21 18 58.7
			i	12 47 06.4			Pacific-Antarctic Ridge (h = 10 km).
		UME	eP	12 46 41			
		Mariana Islands (h = 30 km).					
"	27	UPP	eP	13 41 29	"	29	UPP iP 00 28 44.6 C
		Flores region, Indonesia (h = 190 km).					iS 00 37 46
							iP'P' 00 57 07.2
							micr sec
							P Z' 0.3 1.2
"	27	UPP	iP	13 47 10.8			Mx Z 3.8 20
		UME	iP	13 47 09.5			KIR Mx 00 52
		Afghanistan-Tajikistan bord reg. (h = 130 km).					micr sec
							P Z' 0.3 1.1
							Mx Z 3.3 20
"	27	UPP	iP	15 16 50.3			UME iP 00 28 17.1 C
		UME	iP	15 16 23.7			iS 00 36 57
		South of Aleutian Islands (h = N).					Fox Islands Aleutian Islands (h = 10 km).
		South of Aleutian Islands (h = N).					m = 6.4, M = 5.5 (UPP,KIR).
"	27	UPP	eP	18 45 17	"	29	UPP iP 01 23 57.4
		UME	iP	18 45 11.0			UME iP 01 23 31.5
		Off coast of Central Mexico (h = N).					Fox Islands, Aleutian Islands (h = N).
"	27	UPP	eP	21 03 29			
"	28	UPP	iP	01 02 12.3	"	29	UPP iP 02 51 41.0
							UME iP 02 51 21.7
"	28	UME	iPKP	05 09 03.7			South of Honshu, Japan, (h = 50 km).
		Fiji Islands region (h = 630 km).					
"	28	UPP	Mx	09 13	"	29	UPP iP 04 27 13.8
				micr sec			i 04 27 16.5
				Mx Z 2.4 25	"	29	UPP iP 05 53 25.2 C
		KIR	Mx	09 15			micr sec
				micr sec			P Z' 0.1 0.9
				Mx Z 1.1 15			UME iP 05 52 58.9
		Southeast Indian Ridge (h = 10 km).					Fox Islands, Aleutian Islands (h = 20 km).
		Southeast Indian Ridge (h = 10 km).					
		M = 5.7 (UPP,KIR).					
"	28	UPP	iP	19 00 27.2			
		(cont).					

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SEISMOLOGICAL BULLETIN

UPPSALA, KIRUNA, UMEÅ, UDDEHOLM

DELARY and MYRVIKEN

Uppsala	(UPP)	59°51.5'N,	17°37.6'E;	h = 14 m
Kiruna	(KIR)	67°50.4'N,	20°25.0'E;	h = 390 m
Umeå	(UME)	63°48.9'N,	20°14.2'E;	h = 16 m
Uddeholm	(UDD)	60°05.4'N,	13°36.4'E;	h = 240 m
Delary	(DEL)	56°28.2'N,	13°52.2'E;	h = 150 m
Myrviken	(MYV)	62°56.5'N,	14°20.8'E;	h = 345 m

AUGUST 1 - 31, 1994

1994					1994				
Aug.	1	UPP eP	01 52 08		Aug.	2	(cont).		
		Greece-Albania border region (h = 50 km).					UPP iS	14 36 29	
								micr sec	
							P	Z' 0.8	1.1
"	1	UPP eP	02 34 02				Mx	Z 1.7	25
		UME iP	02 33 55.2			UME iP	14 27 40.0	C	
		Xizang (h = N).					iS	14 35 35	
							Near east coast of Kamchatka (h = 150 km). m = 6.6 (UPP,KIR).		
"	1	UPP Mx	04 34		"	2	UPP eP	18 17 08	
							UME iP	18 16 52.8	
							Ryukyu Islands (h = 35 km).		
"	1	UPP iP	16 26 49.8		"	3	UPP iP	01 51 26.2	
		Kuril Islands (h = 35 km).							
"	2	UPP iP	04 08 27.5		"	3	UPP iP	02 35 52.4	
		UME iP	04 08 01.6				UME iP	02 36 07.9	
		Kuril Islands (h = 50 km).					Northern Mid-Atlantic Ridge (h = 10 km).		
"	2	UPP ePg1	14 12 14		"	3	UPP iP	05 50 41.3	
		iSg1	14 12 38.4				UME iP	05 50 05.4	
		iRg	14 12 44.2				Jan Mayen Island region (h = 10 km).		
		DEL iSg1	14 12 58.6		"	3	UPP iP	07 12 26.2	
		Närke, Sweden, 58.8°N, 15.1°E. Origin time = 14 11 41. Rockburst at the Zinkgruvan mine.							
"	2	UPP iP	14 28 08.0	C	"	3	UPP eP	08 16 13	
		ipP	14 28 42.1						
		(cont).							

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994			
Aug.	3	UPP	iP	10	33	26.2	Aug. 4 (cont). UME iS 17 27 43 Jan Mayen Island region (h = 10 km).
"	3	UPP	iP	12	38	31.2	" 4 UME iPKP 18 55 04.0 Solomon Islands (h = 35 km).
"	3	UPP	iP	15	10	34.0	" 4 UPP iPKP 21 57 31.7 iSKP1 22 00 24.9
			iPP	15	13	01.0	UME iPKP 21 57 19.7 iSKP1 22 00 14.0 South of Fiji Islands (h = 510 km).
			iS	15	19	08	" 4 UPP iPdiff 22 29 52.3 i 22 30 15.5 iPP 22 34 21.5
					micr	sec	Mx Z 2.0 21
		P	Z'	0.2	1.0		UME iP 22 29 41.4 C iPP 22 34 05.3
		Mx	Z	1.4	15		Tanimbar Islands reg., Indonesia (h = N).
		UME	iP	15	10	27.2 D	" 5 UPP iP 02 42 51.3 UME iP 02 42 37.7 Samar, Philippine Islands (h = 55 km).
			i	15	10	35.5	" 5 UPP iPP 03 51 56.5 C iPP 03 55 26.7
			i	15	10	42.9	UME iP 03 51 53.6 C i 03 52 07.6 Southern Sumatera, Indonesia (h = 70 km).
			iS	15	19	56	" 5 UPP iP 04 15 35.0 UME iP 04 15 11.6 Hokkaido, Japan region (h = 120 km).
		Myanmar (h = 35 km). m = 6.0 (UPP,KIR).					" 5 UPP iPKP2 04 56 47.2 i 04 57 00.5
"	3	UME	iPKP	18	43	03.2	UME iPKP 04 56 48.9 Kermadec Islands region (h = N).
			i	18	43	14.1	" 5 UME iP 07 02 43.9 Vanuatu Islands (h = 40 km).
"	3	UPP	eP	21	03	13	" 5 UPP iP 08 24 57.8 micr sec P Z' 0.1 1.1
"	4	UPP	iP	02	43	40.5	UME iP 08 24 30.0 Near Islands, Aleutian Islands (h = N).
			i	02	43	38.6	
				02	43	43.6	
		Northern Sumatera, Indonesia (h = 70 km).					
"	4	UPP	iP	02	48	53.9	
		UME	iP	02	48	50.8	
		Northern Sumatera, Indonesia (h = N).					
"	4	UPP	eP	05	17	42	
		UME	eP	05	17	37	
		Xizang (h = N).					
"	4	UPP	iPKP2	06	15	29.3	
			i	06	15	34.7	
		UME	iPKP1	06	15	18.1 D	
		Kermadec Islands region (h = 490 km).					
"	4	UPP	iP	17	24	58.2	
			iS	17	28	14	
					micr	sec	
		P	Z'	0.2	1.5		
		Mx	Z	1.1	16		
		UME	iP	17	24	30.4	
		(cont).					

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994			
Aug.	5	UME iPKP	10 20 27.8	Aug.	6	UPP ePKP	11 23 18
		Eastern New Guinea reg., P.N.G. (h = 40 km).				UME iPKP	11 23 16.8
"	5	UPP eP	11 29 14	"	6	Near s.e. coast of Australia (h = 10 km).	
		UME iP	11 29 06.4			UPP eP	15 37 44
		Northeastern India (h = N).				UME iP	15 37 23.5
"	5	UPP iP	13 11 23.1	"	6	Near east coast of Honshu, Japan (h = 60 km).	
		UME iP	13 11 03.9 D			UPP iP	16 17 19.3
		Kyushu, Japan (h = 50 km).				UME iP	16 16 58.6
"	5	UPP iP	18 39 09.7	"	6	Near east coast of Honshu, Japan (h = 60 km).	
			micr sec			UPP iP	16 17 19.3
		P	Z' 0.2 1.0			UME iP	16 16 58.6
		UME iP	18 38 42.5 D	"	6	Near east coast of Honshu, Japan (h = N).	
		Andreanof Islands, Aleutian Is. (h = N).				UME iP	17 05 47.9
"	5	UPP iP	18 51 22.9	"	6	Near east coast of Honshu, Japan (h = N).	
			micr sec			UME iP	17 08 57.8
		Mx	Z 1.3 19	"	6	Near east coast of Honshu, Japan (h = N).	
		UME eP	18 50 55			UME iP	17 50 56.1
		Andreanof Islands, Aleutian Is. (h = N).				Kuril Islands (h = N).	
"	5	UPP ePKP2	20 02 41	"	6	UPP iP	21 10 00.4
			micr sec			ipP	21 10 05.5
		Mx	Z 3.4 18			UME iP	21 10 13.2 C
		UME ePKP	20 01 56			ipP	21 10 17.9
		iPKP2	20 02 46.7			Southern Iran. h = 15 km (UPP,KIR).	
		Pacific-Antarctic Ridge (h = 10 km).		"	6	UPP iP	21 55 37.3
"	6	UPP iP	01 13 52.1			UME iP	21 55 38.3
			micr sec			Panama-Costa Rica border region (h = 40 km).	
		P	Z' 0.1 1.0	"	7	UPP iPKP1	04 06 50.0
		UME iP	01 13 25.9			UME ePKP	04 06 36
		Andreanof Islands, Aleutian Is. (h = N).				Kermadec Islands region (h = 60 km).	
"	6	UPP iP	02 02 01.8	"	7	UPP iP	06 06 34.6
		Near east coast of Kamchatka (h = N).				Sumba region, Indonesia (h = 25 km).	
"	6	UPP iP	05 28 29.1	"	7	UPP iP	06 40 37.3
		ipP	05 28 40.0			UME iP	06 40 50.7
		UME iP	05 28 24.1			Southern Iran (h = 45 km).	
		ipP	05 28 34.6	"	7	UPP iP	07 19 15.9
		Oaxaca, Mexico. h = 35 km (UPP,UME).				UME iP	07 18 57.4
						Southeast of Ryukyu Islands (h = N).	

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1994				1994			
Aug.	7	UPP iP	15 46 08.7	Aug.	9	UPP eP	23 37 56
		Greece-Albania border region (h = 30 km).				UME iP	23 37 55.0
						Andaman Islands, India (h = N).	
"	8	UPP iP	21 18 45.9 C	"	9	UPP iP	23 40 31.6
		ipP	21 19 16.2			UME iP	23 40 26.9
		iS	21 27 03.0			Andaman Islands, India (h = N).	
		i	21 27 54				
			micr sec	"	9	UPP iP	23 46 31.9
		P	Z' 0.4 0.6			UME iP	23 46 28.3
		Mx	Z 11 19			Andaman Islands, India (h = N).	
		KIR Mx	21 47				
			micr sec	"	10	UPP iP	01 51 05.1
		P	Z' 0.8 1.4			UME iP	01 51 01.5
		Mx	Z 6.5 17			Andaman Islands, India (h = N).	
		UME iP	21 18 37.4 C				
		ipP	21 19 06.7	"	10	UPP eP	02 11 15
		iS	21 26 51			UME eP	02 10 48
		Myanmar.				Kuril Islands (h = N).	
		h = 130 km (UPP,UME).		"	10	UPP iP	02 18 57.8
		m = 6.5, M = 5.9 (UPP,KIR).					micr sec
		M uncorrected for focal depth.				Mx	Z 1.4 17
"	9	UPP iSg1	07 01 34.3			KIR Mx	02 33
		Norwegian Sea, 60.3°N, 1.6°E.					micr sec
		Origin time = 06 57 24.				Mx	Z 2.4 20
		M _L (UPP) = 3.1 1.				UME iP	02 19 10.7
		By combination with Norwegian station readings.				Southern Iran (h = 45 km).	
						M = 5.0 (UPP,KIR).	
"	9	UPP iP	07 44 39.9	"	10	UPP eP	07 45 46
		UME iP	07 44 13.9			Irian Jaya region, Indonesia (h = N).	
		Unimak Island region (h = N).					
"	9	UPP iP	07 56 22.6	"	10	UPP e(PKP)	15 16 37
		UME eP	07 57 05			ipKP	15 16 41.4
		Romania (h = 160 km).				UME ipKP	15 16 49.3
						South Sandwich Islands region (h = N).	
"	9	UPP iP	16 31 02.9	"	10	UPP iP	16 20 16.9
		UME iP	16 31 44.3				
		Greece-Albania border region (h = N).		"	10	UPP iP	16 20 49.1
"	9	UPP eP	17 04 02	"	11	UPP ePKP	01 07 46
		iS	17 08 09			UME ipKP	01 07 43.1
			micr sec			Loyalty Islands (h = 40 km).	
		Mx	Z 1.9 14	"	11	UPP ipKP	03 03 28.3
		UME iP	17 04 38.0			UME ePKP	03 03 22
		iS	17 09 10			New Ireland region (h = 230 km).	
		Aegean Sea (h = 10 km).					

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1994				1993			
Aug.	11	UPP eP	06 54 17	Aug.	13	(cont).	
			Southern Iran (h = 25 km).			UME iP	06 43 11.5
							Northern Sumatera, Indonesia
"	11	UPP eP	08 51 29				(h = 180 km).
			Northern Colombia (h = N).	"	13	UPP eP	11 05 42
"	11	UPP iPKP	19 51 54.1			UME iP	11 05 16.6
			iSKP1 19 55 18.3				East of Kuril Islands (h = N).
			micr sec	"	13	UPP iP	14 30 30.4
			P Z' 0.1 0.9			UME iP	14 30 35.2
		UME iPKP	19 51 41.7				North Atlantic Ocean (h = 10 km).
			iSKP1 19 55 09.4				
			Fiji Islands region (h = 180 km).	"	13	UPP iP	15 02 44.6
"	11	UPP iPKP	21 01 28.6			UME iP	15 02 18.6 D
			micr sec				East of Kuril Islands (h = N).
			Mx Z 1.1 20	"	13	UPP iP	22 20 18.2
		KIR Mx	22 07			UME iP	22 20 00.7
			micr sec				Mariana Islands (h = 90 km).
			Mx Z 1.9 23	"	14	UPP iP	00 57 22.9
		UME iPKP	21 01 28.0			iS	01 06 36
			Tonga Islands (h = 30 km).				micr sec
			M = 5.6 (UPP,KIR).				P Z' 0.1 0.5
"	11	UPP iP	22 22 05.2				Mx Z 15 18
			Off east coast of Kamchatka (h = N).			KIR Mx	01 25
"	12	UPP iP	00 04 28.6				micr sec
							P Z' 0.2 1.0
		UME iP	00 03 57.2				Mx Z 12 16
			Near east coast of Kamchatka			UME iP	00 56 58.2 D
			(h = 30 km).			iS	01 05 40
"	12	UPP iP	10 14 45.3				East of Kuril Islands (h = 15 km).
							m = 6.2, M = 6.2 (UPP,KIR).
		UME iP	10 14 27.6	"	14	UPP iP	01 10 12.6
			Bonin Islands region (h = 460 km).				Kuril Islands (h = N).
"	12	UPP ePKP	10 57 38	"	14	UPP iP	01 42 14.8
			South of Fiji Islands (h = 580 km).			i	01 42 16.0
"	12	UPP iP	18 00 57.5			iS	01 51 24
						iP'P'	02 10 32.7
		UME iP	18 00 33.4				micr sec
			Eastern Siberia (h = N).				P Z' 0.2 0.9
"	12	UPP iP	21 05 37.1				Mx Z 33 18
						KIR Mx	02 10
		UME iP	21 05 38.2				micr sec
			Afghanistan-Tajikistan bord reg.				Mx Z 30 21
			(h = N).			UME iP	01 41 49.3
"	13	UPP iP	06 43 15.7				East of Kuril Islands (h = 20 km).
							m = 6.3, M = 6.5 (UPP,KIR).
			(cont).				

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994					
Aug.	14	UPP	iP	02 22 51.7	Aug.	16	UPP	iP	04 57 58.8
				micr sec				ipP	04 58 10.9
			Mx	Z 3.2 16					micr sec
		KIR	Mx	02 46				P	Z' 0.1 1.1
				micr sec				Mx	Z 3.6 22
			Mx	Z 2.0 14			KIR	Mx	05 28
		UME	iP	02 22 25.8					micr sec
		East of Kuril Islands (h = N).						P	Z' 0.1 1.0
		M = 5.5 (UPP,KIR).						Mx	Z 3.8 17
"	14	UPP	iP	07 06 03.9			UME	iP	04 57 39.8
		East of Kuril Islands (h = N).						ipP	04 57 51.2
"	14	UPP	iP	07 47 30.6			Ryukyu Islands.		
				micr sec			h = 40 km (UPP,UME).		
			Mx	Z 1.7 12	"	16	UME	iSg1	07 00 42.1
		KIR	08 10				Västerbotten, Sweden, 64.3°N, 21.0°E.		
				micr sec			Origin time = 07 00 24.		
			Mx	Z 2.2 14			M _L (UPP) = 2.0 1.		
		Xizang (h = N).					By combination with Finnish station readings.		
		M = 5.3 (UPP,KIR).			"	14	UPP	iP	09 18 10.5
"	14	UPP	iP	09 18 10.5	"	16	UPP	iPKP	07 35 21.4
			iS	09 27 24			UME	iPKP	07 35 07.1
				micr sec			South of Fiji Islands (h = 570 km).		
			P	Z' 0.1 1.0	"	16	UPP	iP	10 20 59.5 C
			Mx	Z 6.4 17				i	10 20 09.7
		KIR	Mx	09 47				iPP	10 23 41.5
				micr sec				iS	10 30 22
			P	Z' 0.1 1.0					micr sec
			Mx	Z 3.8 15				P	Z' 0.6 1.3
		UME	iP	09 17 48.4				Mx	Z 7.9 17
			iS	09 26 44			KIR	Mx	10 50
		Near east coast of Honshu, Japan							micr sec
		(h = 45 km).						Mx	Z 6.1 16
		m = 5.7, M = 5.8 (UPP,KIR).					UME	iP	10 20 37.0 C
"	14	UME	ePKP	11 17 06				i	10 20 46.4
		Near coast of Central Chile						iS	10 29 38
		(h = 40 km).					Off east coast of Honshu, Japan		
"	14	UPP	ePKP	19 04 07			(h = 20 km).		
		UME	ePKP	19 04 03			m = 6.4, M = 5.9 (UPP,KIR).		
		South of Fiji Islands (h = 500 km).			"	16	UPP	iP	10 29 02.5
"	16	UPP	iP	03 54 57.8			UME	iP	10 28 41.0
		UME	iP	03 54 32.3			Off east coast of Honshu, Japan		
		Kuril Islands (h = N).					(h = 35 km).		
"	16	UPP	iP	03 57 57.8	"	16	UPP	iP	11 41 05.1
		East of Kuril Islands (h = N).					UME	iP	11 40 39.6
							East of Kuril Islands (h = N).		

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1994				1994					
Aug.	16	UPP	iP	11 52 57.5	Aug.	18	UPP	iP	01 18 48.8
"	16	UPP	iP	12 08 02.7				iS	01 23 32
		Kuril Islands (h = N).							micr sec
"	16	UPP	iP	21 28 33.1				P	Z' 0.2 1.4
		UME	iP	21 28 29.7				Mx	Z 10 12
		Near coast of Chiapas, Mexico (h = 60 km).					KIR	Mx	01 35
"	17	UPP	iP	00 31 42.2					micr sec
"	17	UPP	iP	07 44 08.8				Mx	Z 15 13
		Andreanof Islands, Aleutian Is. (h = N).					UME	iP	01 19 24.6
"	17	UPP	eP	11 01 51				iS	01 24 32
		UME	iP	11 02 38.8				Northern Algeria (h = 10 km). m = 6.0, M = 5.7 (UPP,KIR).	
		Northwestern Balkan region (h = 10 km).		"	18	UPP	iP	01 22 10.6	
"	17	UPP	iP	16 56 46.7	"	18	UPP	eP	01 48 30
			i	16 57 01.5			UME	iP	01 49 07.7
				micr sec			Northern Algeria (h = 10 km).		
			P	Z' 0.1 1.0	"	18	UME	iP	04 26 31.1
		UME	iP	16 56 19.4			Jawa, Indonesia (h = 35 km).		
		Andreanof Islands, Aleutian Is. (h = N).		"	18	UPP	iP	04 32 53.1	
"	17	UPP	eP	20 32 42				iS	04 41 58
		UME	iP	20 33 23.3					micr sec
		Northern Xinjiang, China (h = N).						P	Z' 0.1 1.1
"	17	UPP	iP	22 44 48.2				Mx	Z 6.1 19
		UME	iP	22 44 44.9			KIR	Mx	05 16
		Southern Sumatera, Indonesia (h = 90 km).							micr sec
"	18	UPP	iP	00 56 45.9				Mx	Z 9.9 24
			iS	01 05 44			UME	iP	04 32 27.2
				micr sec				iS	04 41 12
			P	Z' 0.3 1.4			East of Kuril Islands (h = N). m = 5.7, M = 5.8 (UPP,KIR).		
			Mx	Z 8.4 25	"	18	UPP	iP	04 53 59.6
		KIR	Mx	01 32				iS	05 02 56
				micr sec					micr sec
			Mx	Z 7.3 21				P	Z' 0.2 1.0
		UME	iP	00 57 06.8				Mx	Z 59 16
			iS	01 06 26			KIR	Mx	05 26
		Lake Tanganyika region (h = 25 km). m = 6.2, M = 5.9 (UPP,KIR).							micr sec
							UME	iP	04 53 34.4
							East of Kuril Islands (h = 15 km). m = 6.3, M = 6.8, (UPP,KIR).		
					"	18	UPP	iP	04 56 23.3
									micr sec
								P	Z' 0.1 1.0

(cont).

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1994				1994				
Aug.	18	(cont).		Aug.	19	UPP	iP	21 13 52.5
		UME	iP 04 55 58.4				ipP	21 13 56.4
		East of Kuril Islands (h = N).					iS	21 22 56
		m = 6.0 (UPP,KIR).						micr sec
"	18	UPP	iP 05 07 35.0				P	Z' 0.3 1.1
		UME	iP 05 07 10.1				Mx	Z 7.0 23
		East of Kuril Islands (h = N).				KIR	Mx	21 45
								micr sec
"	18	UME	iP 05 55 53.2			UME	iP	21 13 45.4
		East of Kuril Islands (h = N).					ipP	21 13 49.5
							iS	21 22 41
"	18	UPP	iP 06 01 41.5			Myanmar.		
		UME	iP 06 01 16.3			h = 15 km (UPP,UME).		
		East of Kuril Islands (h = N).				m = 6.3, M = 5.7 (UPP,KIR).		
"	18	UPP	iP 10 17 21.7	"	20	UPP	iP	00 21 47.4
		UME	iP 10 16 56.2			UME	eP	00 21 19
		Kuril Islands (h = N).				Off east coast of Kamchatka (h = N).		
"	19	UPP	iP 06 51 58.6	"	20	UPP	iP	02 32 12.1
		UME	iP 06 51 32.9				i	02 37 21.6
		East of Kuril Islands (h = N).						micr sec
"	19	UPP	eP 09 44 41				P	Z' 0.2 1.0
		UME	iP 09 44 02.7				Mx	Z 1.9 16
		North of Svalbard (h = 10 km).				KIR	Mx	03 02
								micr sec
"	19	UPP	ePdiff 10 16 15				Mx	Z 2.4 17
			iPP 10 20 49.2			UME	iP	02 31 46.5
			iSKS 10 25 58			Kuril Islands (h = 25 km).		
			i 10 29 52			m = 6.2, M = 5.4 (UPP,KIR).		
			iPS 10 30 28	"	20	UPP	iP	04 49 50.8
			i 10 32 56				iS	04 58 45
		UME	iPKP 10 20 20.8					micr sec
			i 10 20 57.9				P	Z' 0.4 1.0
		Santiago Del Estero Prov., Arg.					Mx	Z 12 16
		(h = 560 km).				KIR	Mx	05 20
								micr sec
"	19	UPP	eSn 17 39 37				Mx	Z 12 16
		UME	i 17 39 10.0			UME	iP	04 49 25.1
			iSn 17 39 14.5				iS	04 57 51
		MYV	iPn 17 37 33.4			Kuril Islands (h = 25 km).		
			iSn 17 38 23.6			m = 6.3, M = 6.1 (UPP,KIR).		
		Norwegian Sea, 65.0°N, 5.1°E.		"	20	UME	iP	05 01 55.2
		Origin time = 17 36 23.				Strait of Gibraltar (h = 10 km).		
		By combination with Finnish and Norwegian station readings.		"	20	UME	iP	06 57 26.1
						Kuril Islands (h = N).		

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1994				1994			
Aug.	20	UPP iP	12 28 13.0	Aug.	21	UME iP	14 48 09.9
		East of Kuril Islands (h = N).				Jordan-Syria region (h = 10 km).	
"	20	UME iSn	14 06 18.0	"	21	UPP iP	16 04 37.8
		Off coast of northern Norway, 67.0°N, 13.0°E. Origin time = 14 04 21. By combination with Finnish station readings.				ipP	16 04 42.4
						iPP	16 06 28
						iS	16 11 34
							micr sec
						P	Z' 0.1 0.7
						Mx	Z 22 12
"	20	UME iP	16 44 33.2			KIR Mx	16 20
		Iceland (h = 10 km).					micr sec
						Mx	Z 18 11
"	20	UPP iP	19 22 29.7			East of Lake Baykal, Russia (h = 10 km). M = 6.2 (UPP,KIR).	
		UME iP	19 22 01.8				
		Off east coast of Kamchatka (h = N).					
"	20	UPP iP	20 09 14.4	"	21	UPP eP	23 30 34
		Off east coast of Kamchatka (h = N).				Off east coast of Kamchatka (h = 50 km).	
"	20	UPP iP	20 19 15.3	"	21	UPP iP	23 59 04.9
		UME iP	20 18 48.7			Off east coast of Kamchatka (h = 30 km).	
		Off east coast of Kamchatka (h = N).					
"	20	UPP iPKP	21 58 07.0	"	22	UPP iP	01 11 32.8
		South of Fiji Islands (h = 410 km).				Andreanof Islands, Aleutian Is. (h = N).	
"	21	UPP iP	00 32 13.7	"	22	UPP eP	10 26 25
		UME iP	00 31 46.7			Off east coast of Kamchatka (h = 30 km).	
		Off east coast of Kamchatka (h = N).					
"	21	UME iP	02 13 58.2	"	22	UPP eP	11 20 40
		Afghanistan-Tajikistan bord reg. (h = N).					micr sec
"	21	UPP iP	02 17 58.2			Mx	Z 1.5 16
		UME iP	02 17 32.3			KIR Mx	11 52
		Off east coast of Kamchatka (h = 45 km).					micr sec
						Mx	Z 1.1 15
"	21	UPP iP	04 35 35.7			East of Kuril Islands (h = N). M = 5.2 (UPP,KIR).	
		UME iP	04 35 07.2				
		Off east coast of Kamchatka (h = 45 km).		"	22	UPP iP	11 26 28.9
"	21	UPP iP	06 30 17.9	"	22	UPP iP	12 44 43.9
		UME eP	06 29 50			iS	12 47 28
		Off east coast of Kamchatka (h = 80 km).					micr sec
						P	Z' 0.1 1.1
						Mx	Z 5.2 17

(cont).

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1994				1994			
Aug.	22	(cont). KIR Mx	12 45 micr sec	Aug.	23	UPP eP	14 26 21 micr sec
		Mx	Z 5.7 12			Mx	Z 3.1 14
		Jan Mayen Island region (h = 10 km).				KIR Mx	14 44 micr sec
"	22	UPP eP	15 16 15			Mx	Z 6.4 13
		Aegean Sea (h = 5 km).				UME eP	14 26 15
"	22	UPP iPKP	17 45 24.0			Southern Xinjiang, China (h = N). M = 5.5 (UPP,KIR).	
		iPP	17 47 23.0 micr sec	"	23	UPP iP	14 43 57.7
		P	Z' 0.2 1.3			UME eP	14 43 32
		Mx	Z 1.4 20			Southern Alaska (h = 90 km).	
		UME iPKP	17 45 16.3	"	23	UPP iP	21 25 29.8
		Santa Cruz Islands (h = 140 km).				UME iP	21 25 02.3
"	22	UPP iP	18 09 21.5			Off east coast of Kamchatka (h = N).	
		UME iP	18 08 58.3	"	24	UPP iP	01 38 59.0
		Northwest Territories, Canada (h = 10 km).				UME iP	01 38 30.7
"	22	UPP iP	20 06 32.6			Off east coast of Kamchatka (h = 30 km).	
		UME iP	20 07 07.7	"	24	UPP iP	02 13 38.5
		Kenya (h = 10 km).				UME eP	02 13 02
"	22	UPP iP	21 23 32.4			Near east coast of Kamchatka (h = N).	
		UME iP	21 22 56.4	"	24	UPP iP	10 09 42.1
		Jan Mayen Island region (h = 10 km).				Off east coast of Kamchatka (h = N).	
"	22	UPP eP	01 26 18	"	24	UPP iP	13 56 28.3
		UME iP	21 25 06.3			UME eP	13 56 02
"	22	UPP iP	21 43 15.4			Off east coast of Kamchatka (h = 40 km).	
		iS	21 53 10	"	24	UME iP	14 26 24.2
		KIR Mx	22 23 micr sec			Greece (h = 5 km).	
		Mx	Z 1.6 15	"	24	UPP iP	15 30 34.2
		UME iP	21 42 56.2			UME iP	15 30 53.7
		iS	21 52 30			Southern Mid-Atlantic Ridge (h = 10 km).	
		South of Honshu, Japan (h = N). M = 5.3 (UPP,KIR).		"	24	UPP iP	17 58 57.3
"	23	UPP ePKP	06 40 34			Greece-Albania border region (h = 10 km).	
		iSKP1	06 43 25.9	"	24	UPP iP	20 37 20.3
		UME ePKP	06 40 30			micr sec	
		iSKP1	06 43 15			Mx	Z 1.0 19
		South of Fiji Islands (h = 520 km).				(cont).	
"	23	UME eP	10 50 40				
		Northwestern Caucasus (h = N).					

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1994				1994			
Aug.	24	(cont). UME iP	20 37 30.3	Aug.	27	UPP ePKP UME iPKP	09 49 13 09 49 08.7
		North Atlantic Ocean (h = 10 km).				South of Fiji Islands (h = 210 km).	
"	24	UPP iP	21 18 02.7	"	27	UPP iP	16 17 06.1
			micr sec				micr sec
		Mx Z	0.7 13			P Z'	0.1 1.1
		KIR Mx	21 42			Mindanao, Philippine Islands	
			micr sec			(h = 100 km).	
		Mx Z	0.8 12	"	27	UPP iP	23 16 27.7
		UME iP	21 17 52.4			Chiapas, Mexico (h = 120 km).	
		Qinghai, China (h = N).					
		M = 4.9 (UPP,KIR).		"	28	UPP ePdiff	06 38 12
"	24	UPP iP	22 32 36.0			UME iP	06 38 06.1
						Banda Sea (h = 150 km).	
"	25	UPP iP	01 35 44.6 C	"	28	UPP iP	10 22 03.1
			micr sec			Near east coast of Honshu, Japan	
		P Z'	0.2 0.8			(h = 55 km).	
		UME iP	01 35 20.3 C	"	28	UPP eP	10 35 28
		Hokkaido, Japan region (h = 70 km).				Hokkaido, Japan region (h = 110 km).	
		m = 6.1 (UPP,KIR).		"	28	UPP iP	14 03 08.7
"	25	UPP iPKP1	11 57 20.2			Ryukyu Islands (h = N).	
		UME ePKP1	11 57 12	"	28	UPP iP	15 14 55.6
		North Island, New Zealand				ipP	15 15 14.7
		(h = 480 km).				iPP	15 18 17.2
"	25	UPP iP	16 56 29.7			UME iP	15 14 51.5
		UME eP	16 56 23			ipP	15 15 09.6
		Xizang (h = N).				Oaxaca, Mexico.	
"	25	UME iP	21 33 15.4			h = 70 km (UPP,KIR).	
		Talaud Islands, Indonesia		"	28	UPP eP	15 54 43
		(h = 65 km).				Mindanao, Philippine Islands	
"	25	UPP iP	23 57 49.8			(h = 70 km).	
		UME iP	23 57 31.3	"	28	UPP iP	18 48 21.9
		South of Honshu, Japan				i	18 48 24.6
		(h = 410 km).				i	18 57 04
"	26	UPP eP	00 22 32			iS	18 57 26
		UME eP	00 22 49				micr sec
		North Atlantic Ridge (h = 10 km).				P Z'	0.1 0.6
"	27	UPP iP	06 32 45.6			Mx Z	100 19
		UME iP	06 32 19.9			KIR Mx	19 15
		Kuril Islands (h = 45 km).					micr sec
"	27	UPP iP	07 50 59.5			Mx Z	91 17
		Qinghai, China (h = N).				UME iP	18 47 56.6
						(cont).	

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994			
Aug.	28	(cont).		Aug.	29		
		UME	iS 18 56 50 East of Kuril Islands (h = 20 km). m = 6.2, M = 7.0 (UPP,KIR).			UPP	iP 02 35 46.6 East of Kuril Islands (h = 45 km).
"	28	UPP	eP 19 16 10 Hokkaido, Japan region (h = N).	"	29	UPP	iP 02 57 31.8 Kuril Islands (h = N).
"	28	UPP	ePKP 20 23 02 UME	"	29	UPP	eP 03 03 26 East of Kuril Islands (h = N).
			ePKP 20 22 58 Mindanao, Philippine Islands (h = 60 km).	"	29	UPP	iP 17 47 12.8 iS 17 56 04 micr sec P Z' 0.1 0.9 Mx Z 4.7 23 KIR Mx 18 18 micr sec Mx Z 2.1 19 UME iP 17 47 36.9 iS 17 56 50 Central Mid-Atlantic Ridge (h = 10 km).
"	28	UPP	iP 20 19 34.1 UME				
			eP 20 19 11 East of Kuril Islands (h = N).				
"	28	UPP	iP 21 02 58.5 UME				
			iP 21 02 32.0 East of Kuril Islands (h = N).				
"	28	UPP	iP 21 51 46.3 Kuril Islands (h = N).	"	29	UPP	iP 23 06 28.0 UME
"	29	UPP	iP 00 17 59.3 i 00 18 14.3 East of Kuril Islands (h = 45 km).				iP 23 06 02.9 East of Kuril Islands (h = 45 km).
"	29	UPP	iP 00 34 12.4 D UME	"	30	UPP	iP 06 24 34.3 D eS 06 33 33 i 06 34 30 micr sec P Z' 0.1 0.7 Mx Z 8.2 18 KIR Mx 06 52 micr sec Mx Z 5.9 19 UME
			iP 00 33 46.0 East of Kuril Islands (h = 45 km).				iP 06 24 08.6 D East of Kuril Islands (h = 50 km). M = 5.8 (UPP,KIR).
"	29	UPP	iP 00 51 29.6 East of Kuril Islands (h = N).				
"	29	UPP	ePKP 00 58 58 UME	"	30	UPP	iSg1 15 40 33.4 UDD
			ePKP 00 58 51 Fiji Islands region (h = 570 km).				iSg1 15 39 31.7 Coast of southwestern Norway, 59.1°N, 5.7°E. Origin time = 15 37 23. M _L (UPP) = 2.6 1. By combination with Norwegian station readings.
"	29	UPP	iP 01 56 05.8 micr sec P Z' 0.1 1.2 Mx Z 5.0 17 KIR Mx 02 27 micr sec Mx Z 5.3 18 UME	"	30	UPP	iP 16 09 02.0 East of Kuril Islands (h = 50 km).
			iP 01 55 40.9 East of Kuril Islands (h = 50 km). M = 5.7 (UPP,KIR).				

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1994

Aug.	30	UPP	iP	19 55 49.9	
			i	19 58 44.8	
		UME	iP	19 55 39.1	
			iPP	20 00 01.2	
		Banda Sea (h = 600 km).			
"	30	UPP	iP	22 43 09.6	
		UME	iP	22 42 43.7	
		East of Kuril Islands (h = 55 km).			
"	31	UPP	iP	04 23 38.7	
		UME	eP	04 23 29	
		Xizang (h = N).			
"	31	UPP	iP	04 27 11.3	
		UME	iP	04 26 52.8	
		Russia-Mongolia border region (h = N).			
"	31	UPP	iP	09 18 20.2	D
			iS	09 27 11	
			i	09 28 08	
				micr	sec
			P	Z' 0.3	0.9
			Mx	Z 2.6	15
		KIR	Mx	09 48	
				micr	sec
			Mx	Z 2.7	15
		UME	iP	09 17 55.4	
			iS	09 26 23	
		Kuril Islands (h = 80 km). m = 6.2, M = 5.5 (UPP,KIR). M uncorrected for focal depth.			
"	31	UPP	iP	16 11 35.0	
		Off east coast of Kamchatka (h = N).			
"	31	UPP	ePKP	21 07 24	
		Northern Territory, Australia (h = 10 km).			
"	31	UPP	iP	23 39 12.8	
		UME	iP	23 39 11.7	
		Northern India (h = N).			

April 17, 1996

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SEISMOLOGICAL BULLETIN
 UPPSALA, KIRUNA, UMEÅ, UDDEHOLM
 DELARY and MYRVIKEN

Uppsala	(UPP)	59°51.5'N,	17°37.6'E;	h = 14 m
Kiruna	(KIR)	67°50.4'N,	20°25.0'E;	h = 390 m
Umeå	(UME)	63°48.9'N,	20°14.2'E;	h = 16 m
Uddeholm	(UDD)	60°05.4'N,	13°36.4'E;	h = 240 m
Delary	(DEL)	56°28.2'N,	13°52.2'E;	h = 150 m
Myrviken	(MYV)	62°56.5'N,	14°20.8'E;	h = 345 m

SEPTEMBER 1 - 30, 1994

1994				1994			
Sep.	1	UPP iP	01 28 41.1	Sep.	1	(cont).	
		UME iP	01 28 14.7			UPP iP'P'	15 55 13.2
		Fox Islands, Aleutian Islands (h = N).					micr sec
						P	Z' 1.6 1.7
						Mx	Z 133 20
"	1	UPP iP	02 40 51.8			KIR Mx	16 00
		UME eP	02 40 22				micr sec
		Off east coast of Kamchatka (h = N).				Mx	Z 86 18
						UME iP	15 27 21.5 C
"	1	UPP eP	03 48 03			ipP	15 27 24.5
		UME iP	03 48 36.9			iS	15 36 50.6
		Crete (h = 30 km).				iP'P'	15 56 02.9
						Off coast of northern California. h = 10 km (UPP,UME). m = 7.0, M = 7.1 (UPP,KIR).	
"	1	UPP iP	11 01 11.8				
			micr sec				
		P	Z' 0.1 1.2				
		UME iP	11 00 43.8	"	1	UPP iPKP	15 57 38.4 C
		Off east coast of Kamchatka (h = 45 km).				UME iPKP	15 57 30.9 C
						Santa Cruz Islands (h = 150 km).	
"	1	UPP eP	11 41 30	"	1	UPP iP	16 17 01.4
		Southern Mid-Atlantic Ridge (h = 10 km).				i	16 17 02.5
							micr sec
						P	Z' 0.2 1.0
						UME iP	16 17 42.4
"	1	UPP iP	11 43 40.6			Northwestern Balkan region (h = 15 km). m = 5.7 (UPP,KIR).	
"	1	UPP iP	15 27 38.7 C				
		ipP	15 27 41.7				
		iPP	15 30 29.1	"	1	UPP iP	16 26 16.1
		iS	15 37 22			UME iP	16 25 49.8
						Fox Islands, Aleutian Islands (h = N).	

(cont).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994			
Sep.	1	UPP iP UME iP	16 27 31.7 16 28 14.8	Sep.	3	(cont). UME iP	03 03 35.2
		Northwestern Balkan region (h = 10 km).				Andreanof Islands, Aleutian Is. (h = N).	
"	1	UPP iP	17 11 56.4	"	3	UME iP	03 57 53.6
						Mid-Indian Ridge (h = 10 km).	
"	1	UPP iP UME eP	17 40 50.2 17 40 15	"	3	UME iP	04 41 23.9
		Off east coast of Kamchatka (h = N).				Andreanof Islands, Aleutian Is. (h = N).	
"	1	UPP iP ipP	20 17 04.0 20 17 17.0	"	3	UME iP	07 33 43.5
			micr sec			East of Kuril Islands (h = 50 km).	
		P	Z' 0.1 1.3	"	3	UME ePKP	09 22 16
		UME iP ipP	20 17 35.7 20 17 48.9			Easter Island region (h = 5 km).	
		Off east coast of Kamchatka h = 50 km (UPP,UME). m = 5.8 (UPP,KIR).		"	3	UME iPKP	14 25 30.0
						Solomon Islands (h = 110 km).	
"	1	UPP iP i	20 38 29.9 20 39 39.1	"	3	UPP iP UME iP	15 56 23.6 15 56 20.8
			micr sec			Myanmar-India border region (h = 90 km).	
		P	Z' 0.1 1.1	"	3	UPP Mx	19 08
		UME iP	20 38 01.0				micr sec
		Off east coast of Kamchatka (h = 25 km). m = 5.8 (UPP,KIR).				Mx	Z 7.0 20
"	1	UPP iP UME iPKP	21 09 58.2 21 09 47.7			KIR Mx	19 05
		Tonga Islands region (h = 50 km).					micr sec
"	2	UPP iPKP UME iPKP	06 08 16.8 06 08 08.9			Mx	Z 7.7 26
		Tonga Islands region (h = 60 km).				UME iPKP	18 05 58.5
"	2	UME iP	16 10 05.0			Vanuatu Islands region (h = N). M = 6.3 (UPP,KIR).	
		Seram, Indonesia (h = 40 km).		"	4	UPP iP	01 30 33.3
"	2	UPP iP UME iP	22 12 27.0 22 12 22.6			Near east coast of Honshu, Japan (h = 90 km).	
		Southern Xinjiang, China (h = N).		"	4	UPP iP	02 35 31.8
"	2	UPP eP	23 36 16			Afghanistan-Tajikistan bord. reg. (h = N).	
		Western Iran (h = 50 km).		"	4	UPP iP	07 22 26.8
"	3	UPP iP	03 04 01.7			Hindu Kush region, Afghanistan (h = 190 km).	
		(cont).		"	4	UPP iP	15 00 14.8
						(cont).	

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1994				1994			
Sep.				Sep.			
4	(cont).			5	(cont).		
	UPP	ipP	15 00 18.4		UPP	iS	22 33 48
			micr sec				micr sec
		P	Z' 0.1 1.0			P	Z' 0.1 0.9
	UME	iP	15 00 00.0			Mx	Z 1.7 14
		ipP	15 00 03.8		KIR	Mx	22 55
							micr sec
						Mx	Z 2.8 16
					UME	iP	22 24 22.1
						iS	22 33 01
							East of Kuril Islands (h = 10 km).
							m = 6.2, M = 5.4 (UPP,KIR).
"	4	UPP	iP 20 23 50.9	"	6	UME	iP 10 11 05.1
		UME	iP 20 23 36.9				Near east coast of Honshu, Japan
			Sichuan, China (h = N).				(h = 70 km).
"	4	UPP	iP 21 51 17.8	"	6	UPP	iPKP1 12 49 22.5
		UME	iP 21 51 15.5			UME	iPKP1 12 49 14.9
			Off w. coast of northern Sumatera				South of Kermadec Islands (h = N).
			(h = N).	"	6	UME	iP 14 07 58.8
"	5	UPP	iP 03 10 11.7	"	6	UPP	eP 16 57 20
		ipP	03 10 25.1			UME	iP 16 57 19.5
			micr sec				South of Fiji Islands (h = 190 km).
		P	Z' 0.1 1.0	"	6	UPP	iP 20 15 08.5
		UME	iP 03 09 44.8			UME	iP 20 15 51.1
		ipP	03 09 59.0				Romania (h = 140 km).
			Alaska Peninsula.	"	7	UPP	eP 04 05 33
			h = 50 km (UPP,KIR).			UME	iP 04 05 14.9
"	5	UPP	iP 05 14 38.1				Kyushu, Japan (h = 30 km).
		UME	iP 05 15 15.7	"	7	UPP	iP 14 05 12.0
			Southern Greece (h = 70 km).			UME	iP 14 04 58.4
"	5	UPP	iP 05 31 16.8				Southern Xinjiang, China (h = N).
		UME	iP 05 30 51.1	"	7	UPP	iP 19 42 17.4
			South of Alaska (h = N).			UME	eP 19 41 53
"	5	UPP	eP 05 33 30				Kuril Islands (h = N).
			Southern Iran (h = N).	"	7	UPP	iP 19 56 52.4
"	5	UPP	iP 11 09 24.6				Kuril Islands (h = 40 km).
"	5	UPP	iP 19 18 37.3	"	8	UPP	iP 02 24 30.9
		UME	iP 19 18 51.5				Taiwan region (h = N).
		i	19 18 56.4				
			Eastern Caucasus (h = 60 km).				
"	5	UPP	iP 22 24 48.9				
		i	22 24 53.8				

(cont).

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1994				1994			
Sep.	8	UPP iP UME eP	09 04 16.8 09 04 07	Sep.	11	UPP Mx	13 17
		Northern Molucca Sea (h = 50 km).					micr sec
"	8	UME iP	09 28 28.3			Mx Z 2.2	2.3
		Afghanistan-Tajikistan bord. reg. (h = N).				KIR Mx	13 15
"	8	UPP iP	09 40 42.7				micr sec
"	8	UPP iP UME iP	10 04 06.7 10 03 46.6	"	11	UPP iP	12 26 05.1
		Off coast of northern California (h = 10 km).				UME eP	12 25 45
"	8	UPP iP	13 41 34.9			South of Honshu, Japan (h = 20 km).	
		UME iP	13 41 42.1	"	11	UPP iP	15 03 38.5
		Southern Iran (h = 80 km).				ipP	15 04 04.6
"	8	UPP iP	22 57 21.1				micr sec
		Azores Islands region (h = 10 km).				P Z' 0.1	1.0
"	10	UPP iP iS	01 29 30.1 01 33 52			UME iP	15 03 09.4
			micr sec			Rat Islands, Aleutian Islands (h = 100 km).	
		Mx Z 3.3	24			m = 5.7 (UPP,KIR).	
		KIR Mx	01 33	"	12	UPP Mx	07 41
			micr sec				micr sec
		Mx Z 3.4	19			Mx Z 3.8	19
		UME iP	01 28 50.3			KIR Mx	07 49
		iS	01 32 48				micr sec
		North of Svalbard (h = 10 km).				Mx Z 1.5	16
		M = 4.6 (UPP,KIR).				Near coast of central Chile (h = 40 km).	
"	10	UPP iP	05 07 14.1			M = 5.8 (UPP,KIR).	
		UME iP	05 07 01.6	"	12	UPP iP	11 43 43.8
		Mindanao, Philippine Islands (h = 80 km).				iPP	11 47 41.6
"	10	UPP iPKP1	09 52 16.9			South of Jawa, Indonesia (h = N).	
		UME iPKP	09 52 04.3	"	12	UPP iP	12 35 28.1
		North Island, New Zealand (h = N).				iS	12 45 09
"	11	UPP iP	01 43 08.3				micr sec
		Southeast Asia (h = N).				Mx Z 6.4	20
"	11	UPP iP	08 21 25.7			KIR Mx	13 04
		UME iP	08 21 04.4				micr sec
		Near east coast of Honshu, Japan (h = 80 km).				Mx Z 7.3	16
						California-Nevada border region (h = 15 km).	
						M = 5.9 (UPP,KIR).	
				"	12	UPP eP	16 12 14
						UME iP	16 11 47.5
						Kuril Islands (h = N).	

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1994				1994					
Sep.	12	UPP	ePKP	23 03 07	Sep.	13	UPP	ePKP	11 33 19
				micr sec				i	11 33 28.1
			Mx	Z 2.2 23			UME	iPKP	11 33 16.0
		KIR	Mx	23 59			Kermadec Islands region (h = N).		
				micr sec	"	13	UPP	iP	12 32 13.0
			Mx	Z 2.8 20					
		Samoa Islands region (h = 15 km).			"	13	UPP	iPKP	12 41 32.3
		M = 5.8 (UPP,KIR).					UME	iPKP	12 41 28.8
"	13	UPP	iP	00 08 57.6			Loyalty Islands region (h = N).		
		California-Nevada border region			"	13	UME	iPg1	13 21 18.6
		(h = 0 km).						iSg1	13 21 23.4
"	13	UPP	iP	03 28 30.7				iRg	13 21 25.9
		Vanuatu Islands (h = 190 km).					Västerbotten, Sweden, 65.1°N, 20.7°E.		
"	13	UME	iPg1	04 11 12.3			Origin time = 13 20 43.		
			iSg1	04 11 21.8			Near surface event.		
		Västerbotten, Sweden,					By combination with Finnish station		
		64.6°N, 20.4°E.					readings.		
		Origin time = 04 10 59.			"	13	UPP	iPKP	14 45 35.1
		M _L (UPP) = 1.9 1.					Kermadec Islands region (h = 40 km).		
		By combination with Finnish station			"	13	UPP	iP	19 36 51.7
		readings.					East of Kuril Islands (h = N).		
"	13	UPP	iP	04 39 41.6	"	14	UPP	iP	02 17 27.1
			i	04 39 53.4			UME	iP	02 17 05.6
				micr sec			Eastern Honshu, Japan (h = 270 km).		
			P	Z' 0.3 1.2	"	14	UPP	iPKP	02 23 53.0
			Mx	Z 16 15			UME	iPKP	02 23 46.9
		KIR	Mx	05 14			Santa Cruz Islands (h = 210 km).		
				micr sec	"	14	UPP	iP	11 56 32.8
			Mx	Z 15 21					
		UME	iS	04 48 42	"	14	UPP	iP	13 41 33.6
		Ryukyu Islands (h = 35 km).			"	15	UPP	iP	07 18 55.3
		m = 6.2, M = 6.3 (UPP,KIR).					UME	iP	07 18 39.7
							Taiwan (h = 50 km).		
"	13	UPP	iP	10 14 12.0	"	15	UPP	iP	19 59 06.6
			iSKS	10 24 40			UME	iP	19 58 39.9
				micr sec			Alaska Peninsula (h = 50 km).		
			P	Z' 0.2 1.5	"	15	UPP	iP	06 32 06.6
			Mx	Z 4.9 21					
		KIR	Mx	10 47					
				micr sec					
			Mx	Z 8.5 24					
		UME	iP	10 14 17.5					
		Northern Colombia (h = N).							
		m = 6.3, M = 5.9 (UPP,KIR).							

(cont).

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1994				1994					
Sep.				Sep.					
16	(cont).			17	UPP	Mx	13 31		
	UPP	iS	06 41 52				micr sec		
			micr sec			Mx	Z 1.3 19		
		P	Z' 3.3 1.5		KIR	Mx	13 33		
		Mx	Z 189 13				micr sec		
	KIR	Mx	07 07			Mx	Z 1.1 18		
			micr sec		UME	ePKP	12 41 02		
		Mx	Z 108 12		Near coast of central Chile				
	UME	iP	06 31 52.1		(h = 30 km).				
		iS	06 41 21		M = 5.5 (UPP,KIR).				
	Taiwan region (h = 15 km).			"	17	UPP	iP	22 55 37.4	
	m = 7.1, M = 7.4 (UPP,KIR).					UME	iP	22 55 12.0	
"	16	UPP	eP	08 29 04		Off east coast of Honshu, Japan			
		UME	iP	08 28 59.1		(h = N).			
	Southern Sumatera, Indonesia			"	18	UPP	iPKP	07 46 35.8	
	(h = N).				South of Fiji Islands (h = 180 km).				
"	16	UPP	iPKP	17 17 56.2	"	18	UPP	iP	10 34 47.2
	South of Fiji Islands (h = 490 km).					UME	iP	10 34 42.4	
"	17	UPP	iP	02 30 19.3		Afghanistan-Tajikistan bord reg.			
			ipP	02 30 22.4		(h = N).			
		UME	iP	02 31 38.5	"	18	UPP	iPKP	14 35 01.1
	Turkey.				South of Fiji Islands (h = 330 km).				
	h = 10 km (UPP,KIR).			"	18	UPP	iP	17 01 15.8	
"	17	UPP	iP	03 10 40.6			UME	iP	17 01 53.9
		UME	eP	03 11 12		Near east coast of Honshu, Japan			
	Crete (h = N).				(h = 30 km).				
"	17	UPP	iP	05 01 41.1	"	19	UME	iP	07 28 11.6
			micr sec			Eastern Sea of Japan (h = 270 km).			
		Mx	Z 2.3 17	"	19	UPP	iP	07 53 01.5	
	KIR	Mx	05 17		Ryukyu Islands (h = N).				
			micr sec	"	19	UPP	iP	13 37 10.3	
		Mx	Z 1.0 14	"	19	UPP	iPKP	15 06 36.1	
	UME	iP	05 02 19.4		South Sandwich Islands region				
	Tunisia (h = 10 km).				(h = N).				
	M = 4.6 (UPP,KIR).			"	19	UPP	eP	15 28 46	
"	17	UPP	eP	07 22 17				micr sec	
		UME	iP	07 21 47.6			Mx	Z 0.7 14	
	Off east coast of Kamchatka					UME	iP	15 29 05.1	
	(h = 35 km).				Northwestern Caucasus (h = N).				
"	17	UPP	iP	09 05 44.7					
		UME	eP	09 06 01					
	Southern Iran (h = N).								

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1994				1994			
Sep.	19	UPP	iP	15 39 26.3	Sep.	20	(cont).
		UME	iP	15 39 18.6			KIR Mx
		Yunnan, China (h = N).					09 42
							micr sec
"	19	UPP	iP	19 46 17.7			Mx Z 2.4 17
				micr sec			UME iP
		P	Z'	0.1 0.7			08 58 20.3
		UME	iP	19 45 51.3			Mindanao, Philippine Islands
		Andeanof Islands, Aleutian Is.					(h = 50 km).
		(h = 60 km).					M = 5.6 (UPP,KIR).
"	19	UPP	iP	22 41 02.2	"	20	UPP iP
		UME	iP	22 41 03.7			11 32 58.5
		Northern Colombia (h = N).					UME iP
							11 32 44.4
		Taiwan region (h = 10 km).					
"	20	UPP	iP	00 26 26.4	"	20	UPP iP
		Taiwan region (h = 10 km).					19 09 13.0
							UME iP
							19 08 47.9
		Kuril Islands (h = N).					
"	20	UPP	iP	05 29 05.6	"	20	UPP iP
		UME	iP	05 28 47.8			19 50 56.4
		California-Nevada border region					UME iP
		(h = 0 km).					19 50 44.9
		Taiwan (h = N).					
"	20	UPP	iP	05 56 38.0	"	20	UPP iP
		UME	iP	05 56 53.1			19 59 50.3
		Western Iran. (h = N).					UME iP
							19 59 39.0
		Taiwan (h = N).					
"	20	UPP	iP	05 58 28.7	"	20	UPP iP
				micr sec			22 30 44.2
		Mx	Z	1.5 16			UME iP
		KIR	Mx	06 15			22 30 58.4
				micr sec			
		Mx	Z	1.5 14			UPP iP
		UME	iP	05 58 45.1			22 30 44.2
		Western Iran (h = N).					UME iP
		M = 4.8 (UPP,KIR).					22 30 58.4
		Southern Iran (h = N).					
"	20	UPP	iPKP1	07 08 25.8	"	21	UPP iP
		UME	iPKP	07 08 14.2			02 20 42.7
		South of Kermadec Islands (h = N).					UME iP
							02 20 25.0
		Near coast of northern Calif.					
		(h = 20 km).					
"	20	UME	iPKP	08 15 52.6	"	21	UME iP
		Kermadec Islands region					08 30 01.1
		(h = 120 km).					Svalbard region (h = 10 km).
"	20	UPP	iP	08 58 34.2	"	21	UPP eP
				micr sec			08 58 32
		Mx	Z	1.9 20			UME iP
							08 58 47.1
		Northwestern Caucasus (h = N).					
"	20	UPP	iP	08 58 34.2	"	22	UPP ePKP1
				micr sec			01 07 04
		Mx	Z	1.9 20			iPKP2
							01 07 16.7
							UME iPKP
							01 07 47.7
		North Island, New Zealand (h = N).					
"	20	UPP	iP	08 58 34.2	"	22	UME iP
				micr sec			01 29 53.4
		Mx	Z	1.9 20			El Salvador (h = 170 km).

(cont).

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1994				1994			
Sep.	22	UPP	iP	02 07 28.1	Sep.	23	(cont).
			i	02 07 40.9			UPP ipP
				micr sec			02 49 31.2
			P	Z' 0.1 1.0			micr sec
		UME	iP	02 07 04.3			P
		Off coast of Hokkaido, Japan					Z' 0.1 0.7
		(h = 35 km).					UME iP
							02 49 02.1 C
							ipP
							02 49 09.1
							Off east coast of Honshu, Japan.
							h = 25 km (UPP,UME).
"	22	UPP	iP	04 47 36.8	"	23	m = 5.8 (UPP,KIR).
		UME	iP	04 47 13.6			UPP iP
		Hokkaido, Japan region (h = 270 km).					03 03 24.4
							UME iP
							03 03 31.4
"	22	UME	iSn	05 27 44.7			Leeward Islands (h = 30 km).
			iSg1	05 28 05.8			UPP iP
		UDD	iSg1	05 29 33.3	"	23	04 14 10.4
		MYV	iSn	05 27 44.9			UME eP
			iSg1	05 28 01.9			04 13 56
		Off coast of northwestern Norway,					Southeast Asia (h = N).
		67.2°N, 13.6°E.					UPP Mx
		Origin time = 05 25 49.					09 07
		M _L (UPP = 3.1 1.					micr sec
		Felt.					Mx Z 4.0 21
		By combination with Finnish and					KIR Mx
		Norwegian station readings.					09 04
							micr sec
"	22	UPP	iP	07 36 14.2			Mx Z 2.6 19
				micr sec			Bismarck Sea (h = N).
			P	Z' 0.1 0.7			M = 5.8 (UPP,KIR).
		UME	iP	07 35 55.0	"	23	UPP iP
		South of Honshu, Japan					11 05 45.4
		(h = 390 km).					UME iP
							11 05 23.7
							Off east coast of Honshu, Japan
							(h = N).
"	22	UPP	Mx	15 38	"	23	UPP iP
				micr sec			11 46 52.7
			Mx	Z 1.0 19			Near east coast of Honshu, Japan
		Near coast of central Chile					(h = 10 km).
		(h = 25 km).		"	23	UPP iP	
"	22	UPP	iP	18 52 55.3			17 57 35.3
		Taiwan region (h = 60 km).					Myanmar-China border region
							(h = N).
"	22	UPP	iP	19 43 20.8	"	23	UPP iP
		Taiwan region (h = 70 km).					19 25 20.4
							micr sec
"	23	UPP	iP	02 19 14.0			P
		New Siberian Islands, Russia					Z' 0.1 1.0
		(h = 10 km).					UME iP
							19 25 02.4
							Qinghai, China (h = N).
"	23	UPP	iP	02 49 23.9	"	24	UME iP
		(cont).					01 32 26.1
							Azores Islands region (h = 10 km).
							UPP iP
							03 44 36
							Vanuatu Islands (h = N).

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1994				1994				
Sep.	24	UPP	iP	10 56 30.9	Sep.	27	(cont).	
		UME	eP	10 57 11			UME iP	18 22 31.3
				Straits of Gibraltar (h = 35 km).			i	18 23 19.0
"	24	UPP	iPKP	17 43 30.9	"	27	UPP iP	23 17 43.3
				South of Fiji Islands (h = 610 km).			UME iP	23 17 49.1
"	24	UPP	iP	17 59 38.4			South of Panama (h = N).	
				Balearic Islands (h = N).	"	27	UME iP	23 37 41.6
"	25	UPP	iP	01 08 37.2			South of Panama (h = N).	
				Xizang (h = N).	"	28	UPP iP	05 48 32.3
"	25	UPP	eP	15 56 43				micr sec
				Taiwan region (h = N).			P	Z' 0.1 1.1
"	25	UPP	eP	22 13 11			UME iP	05 48 07.3
		UME	eP	22 14 02			Rat Islands, Aleutian Islands (h = N).	
				Kyrgyzstan-Xinjiang border reg. (h = N).	"	28	UPP iP	16 52 13.8
"	26	UPP	iP	04 53 39.9			ipP	16 52 30.3
				Philippine Islands region (h = 45 km).			i	16 54 33.8
"	26	UPP	iP	12 18 40.6			iPP	16 56 18.9
		UME	iP	12 18 29.9			iSKS	17 01 48
				Talau Islands, Indonesia (h = 150 km).			iS	17 02 36
"	26	UPP	eP	21 45 15				micr sec
		UME	iP	21 45 03.7			P	Z' 0.2 0.9
				Seram, Indonesia (h = N).			Mx	Z 3.0 16
"	27	UPP	iP	06 23 05.2			UME iP	16 52 08.7 D
		UME	iP	06 22 39.8			i	16 54 27.3
				Sea of Okhotsk (h = 590 km).			iPP	16 56 16.4
"	27	UPP	iP	12 48 46.7			iSKS	17 01 39
		UME	iP	12 48 20.7			iS	17 02 26
				Rat Islands, Aleutian Islands (h = N).			Jawa Sea (h = 640 km).	
"	27	UME	iP	14 39 59.2			m = 6.0 (UPP,KIR).	
				Western Iran (h = 40 km).	"	28	UPP iP	17 46 20.8
"	27	UPP	iP	17 12 50.7			UME iP	17 46 15.7
				Northern Molucca Sea (h = 45 km).			Jawa Sea (h = 630 km).	
"	27	UPP	iP	18 22 34.0	"	28	UPP eP	21 35 13
		ipP		18 23 19.1			UME iP	21 35 09.4
							Southern Sumatera, Indonesia (h = 45 km).	
"	27	UME	iP	17 12 50.7	"	30	UPP iP	03 03 37.5
				Northern Molucca Sea (h = 45 km).			UME iP	03 03 36.0
"	27	UPP	iP	18 22 34.0			Afghanistan-Tajikistan bord reg. (h = 240 km).	
		ipP		18 23 19.1				

(cont).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994

Sep.	30	UME	iP	03 05 01.0
		Tajikistan-Xinjiang border region (h = N).		
"	30	UPP	iP	07 37 34.9
		UME	iP	07 37 16.0
		Kyushu, Japan (h = 160 km).		
"	30	UPP	iPKP	19 48 26.4
			iSKP1	19 51 12.6
		UME	i(PKP)	19 48 14.2
			iPKP	19 48 26.5
			iSKP1	19 51 00.9
		Fiji Islands region (h = 640 km).		
"	30	UPP	iP	21 25 12.7
		UME	iP	21 24 46.6
		Northwestern of Kuril Islands (h = 330 km).		
"	30	UME	iPg1	23 32 46.2 C
			iSg1	23 32 50.0
		Västerbotten, Sweden, 64.0°N, 20.9°E. Origin time = 23 32 40. $M_L(\text{UPP}) = 2.7$ 1. Felt. By combination with Finnish station readings.		

May 9, 1996

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SEISMOLOGICAL BULLETIN

UPPSALA, KIRUNA, UMEÅ, UDDEHOLM

DELARY and MYRVIKEN

Uppsala	(UPP)	59°51.5'N,	17°37.6'E;	h = 14 m
Kiruna	(KIR)	67°50.4'N,	20°25.0'E;	h = 390 m
Umeå	(UME)	63°48.9'N,	20°14.2'E;	h = 16 m
Uddeholm	(UDD)	60°05.4'N,	13°36.4'E;	h = 240 m
Delary	(DEL)	56°28.2'N,	13°52.2'E;	h = 150 m
Myrviken	(MYV)	62°56.5'N,	14°20.8'E;	h = 345 m

OCTOBER 1 - 31, 1994

1994					1994				
Oct.	1	UPP	iP	08 33 05.4	Oct.	2	UPP	iP	01 07 23.0
		UME	iP	08 33 14.8			UME	iP	01 07 19.9
		Southern Iran (h = 45 km).					Nicobar Islands, India (h = N).		
"	1	UPP	iP	14 13 33.4	"	2	UPP	iPKP	10 33 44.3
		UME	iP	14 13 50.5			UME	iPKP	10 33 42.3
		Eastern Gulf of Aden (h = 10 km).					Vanuatu Islands (h = 10 km).		
"	1	UPP	iPKP	16 54 37.4	"	2	UME	iP	10 54 47.8
			iPP	16 57 00			Vanuatu Islands (h = N).		
			iPKS	16 58 02					
				micr sec	"	2	UPP	iP	11 11 59.5
		Mx	Z	15 20			UME	eP	11 11 40
		KIR	Mx	17 49			Jan Mayen Island region (h = 10 km).		
				micr sec	"	2	UPP	iP	15 43 13.7
		Mx	Z	7.2 19			Mariana Islands (h = 210 km).		
		UME	iPKP	16 54 29.7	"	2	UPP	iP	16 27 47.4
		Vanuatu Islands (h = 15 km).					UME	iP	16 27 42.5
		M = 6.5 (UPP,KIR).						ipP	16 28 11.5
"	1	UPP	iPKP	18 05 51.3			Tajikistan-Xinjiang border region (h = 130 km).		
				micr sec	"	2	UPP	iPKP	22 30 05.9
		Mx	Z	11 22			UME	iPKP	22 30 56.0
		KIR	Mx	19 00			South of Fiji Islands (h = 70 km).		
				micr sec	"	3	UME	iP	00 05 08.6
		Mx	Z	4.3 20			Fox Islands, Aleutian Islands (h = N).		
		UME	iPKP	18 05 42.9	"	3	UPP	iP	02 29 24.4
		Vanuatu Islands (h = N).					Western Iran (h = 70 km).		
		M = 6.3 (UPP,KIR).							
"	1	UPP	iPKP	23 48 09.2					
		UME	iPKP	23 48 09.3					
		Vanuatu Islands (h = 15 km).							

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994			
Oct.	3	UDD iSg1	18 18 24.3	Oct.	4	UPP iP	14 49 52.3
		West coast of Norway, 62.8°N, 5.8°E.					micr sec
		Origin time = 18 16 02.				P	Z' 0.1 1.0
		$M_L(\text{UPP}) = 2.8$					
		By combination with Norwegian station readings.		"	4	UPP iP	14 50 06.8
"	4	UPP iP	12 22 56.2	"	4	UPP iP	14 51 18.6
		UME iP	12 22 50.4			Kuril Islands (h = N).	
		Sunda Strait (h = 25 km).		"	4	UPP iP	14 52 53.3
"	4	UPP iP	13 33 59.8			Kuril Islands (h = N).	
		iS	13 43 08.5	"	4	UPP iP	14 53 37.4
		UME iP	13 33 35.1			Kuril Islands (h = N).	
		Kuril Islands (h = 15 km).		"	4	UPP iP	14 58 51.7
		$M = 8.1$ (UPP).				Kuril Islands (h = 60 km).	
		Magnitude is computed from Wiechert records.		"	4	UPP iP	15 15 38.6
"	4	UPP iP	13 53 50.2			UME iP	15 15 13.9
		Kuril Islands (h = 60 km).				Kuril Islands (h = N).	
"	4	UPP iP	14 02 05.0	"	4	UPP iP	15 29 24.8
		Kuril Islands (h = 60 km).				UME iP	15 28 58.7
"	4	UPP iP	14 03 46.7			Kuril Islands (h = N).	
		Kuril Islands (h = 30 km).		"	4	UPP iP	15 31 33.6
"	4	UPP iP	14 08 12.0			UME iP	15 31 03.4
		Kuril Islands (h = 10 km).				Kuril Islands (h = N).	
"	4	UPP iP	14 15 18.5	"	4	UPP iP	15 32 03.8
		Hokkaido, Japan region (h = N).				Kuril Islands (h = N).	
"	4	UPP iP	14 20 43.3	"	4	UPP iP	15 35 21.5
		Kuril Islands (h = N).				micr sec	
"	4	UPP iP	14 23 04.0			P	Z' 0.4 0.9
		Kuril Islands (h = 60 km).				UME iP	15 34 56.3
"	4	UPP iP	14 41 31.5			Kuril Islands (h = 20 km).	
		Kuril Islands (h = N).		"	4	UPP iP	15 45 54.1
"	4	UPP iP	14 49 28.9			UME iP	15 45 30.1
		micr sec				Kuril Islands (h = N).	
		P	Z' 0.1 0.8	"	4	UPP iP	15 54 14.7
		UME iP	14 49 03.6			micr sec	
		Kuril Islands (h = 50 km).				P	Z' 0.1 0.9
						East of Kuril Islands (h = 25 km).	
						$m = 5.8$ (UPP,KIR).	
				"	4	UPP iP	16 00 18.0
						Kuril Islands (h = 35 km).	

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994			
Oct.	4	UPP iP	16 06 14.9	Oct.	4	UPP iP	17 06 26.3
		Kuril Islands (h = 45 km).				Kuril Islands (h = N).	
"	4	UPP iP	16 10 31.8	"	4	UPP iP	17 09 38.8
		Kuril Islands (h = N).				East of Kuril Islands (h = 40 km).	
"	4	UPP iP	16 12 07.7	"	4	UPP iP	17 12 26.4
			micr sec			UME iP	17 12 02.8
		P	Z' 0.5 1.2			Kuril Islands (h = N).	
		UME iP	16 11 42.4	"	4	UPP iP	17 18 12.1
		Kuril Islands (h = 15 km).				UME iP	17 17 47.0
		m = 6.2 (UPP,KIR).				Kuril Islands (h = 35 km).	
"	4	UPP iP	16 17 26.1	"	4	UPP iP	17 23 11.3
			micr sec			UME iP	17 22 46.8
		P	Z' 0.2 1.0			Kuril Islands (h = 45 km).	
		UME iP	16 17 03.0	"	4	UPP iP	17 24 43.5
		Kuril Islands (h = 20 km).				UME iP	17 24 19.9
		m = 6.2 (UPP,KIR).				Kuril Islands (h = N).	
"	4	UPP iP	16 27 12.3	"	4	UPP iP	17 59 16.4
		UME iP	16 26 45.1			UME iP	17 58 51.9
		Kuril Islands (h = 45 km).				Kuril Islands (h = 35 km).	
"	4	UPP iP	16 35 36.9	"	4	UPP iP	18 01 33.7
		Kuril Islands (h = 20 km).					micr sec
"	4	UPP iP	16 37 42.9			P	Z' 0.1 1.0
		ipP	16 37 54.2			UME iP	18 01 07.8
			micr sec			Kuril Islands (h = N).	
		P	Z' 0.1 1.0			m = 5.8 (UPP,KIR).	
		UME iP	16 37 17.7	"	4	UPP iP	18 02 55.7
		Kuril Islands.				Kuril Islands (h = N).	
		h = 40 km (UPP,KIR).		"	4	UPP iP	18 13 46.3
"	4	UPP iP	16 43 47.0			UME iP	18 13 21.0
			micr sec			Kuril Islands (h = 40 km).	
		P	Z' 0.1 0.9	"	4	UPP iP	18 20 41.8
		UME iP	16 43 21.9			i	18 21 24.5
		Kuril Islands (h = 40 km).				i	18 21 28.8
		m = 5.7 (UPP,KIR).					micr sec
"	4	UPP iP	16 54 44.6			Mx	Z 3.4 17
		UME iP	16 54 20.7			KIR Mx	18 52
		Kuril Islands (h = 25 km).					micr sec
"	4	UPP iP	17 03 48.2			Mx	Z 6.5 17
		UME iP	17 03 23.1			UME iP	18 20 17.1
		East of Kuril Islands (h = 40 km).					

(cont).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994			
Oct.		(cont).		Oct.		(cont).	
	4	UME i	18 20 59.8		4	UME eP	21 33 01
		Kuril Islands (h = N).				Kuril Islands (h = N).	
		M = 5.7 (UPP,KIR).					
"	4	UPP iP	18 25 19.0	"	4	UPP iP	21 37 15.8
		Kuril Islands (h = N).				Kuril Islands (h = N).	
"	4	UPP iP	18 32 35.2	"	4	UPP iP	21 41 00.0
		UME iP	18 32 10.6			UME iP	21 40 35.3
		Kuril Islands (h = 40 km).				Kuril Islands (h = 30 km).	
"	4	UPP iP	19 21 06.4	"	4	UPP iP	21 50 29.7
		Kuril Islands (h = N).				UME iP	21 50 04.0
"	4	UPP iP	19 23 24.1			Kuril Islands (h = 35 km).	
"	4	UPP iP	19 27 30.4	"	4	UPP iP	22 43 07.6
			micr sec			Kuril Islands (h = 25 km).	
		P	Z' 0.2 1.0	"	4	UPP iP	23 07 31.4
		KIR Mx	20 42				micr sec
			micr sec			P	Z' 0.1 1.0
		Mx	Z 8.1 19			UME iP	23 07 05.1
		UME iP	19 27 05.0			Kuril Islands (h = 55 km).	
		i	19 27 06.1			m = 5.8 (UPP,KIR).	
		Kuril Islands (h = 35 km).		"	4	UPP iP	23 31 16.4
		m = 6.2 (UPP,KIR).				Kuril Islands (h = 45 km).	
"	4	UPP iP	19 35 10.2	"	4	UPP iP	23 34 03.1
		Kuril Islands (h = N).				UME iP	23 33 38.7
"	4	UPP iP	20 12 06.7			Kuril Islands (h = 45 km).	
		UME iP	20 11 40.9	"	4	UPP iP	23 57 45.0
		Kuril Islands (h = 60 km).				ipP	23 57 57.4
"	4	UPP iP	20 17 34.9				micr sec
			micr sec			P	Z' 0.1 0.8
		P	Z' 0.1 1.0			UME iP	23 57 20.1
		UME iP	20 17 10.4			ipP	23 57 32.4
		Kuril Islands (h = 35 km).				Kuril Islands (h = 40 km).	
		m = 5.7 (UPP,KIR).				h = 45 km (UPP,KIR,UME).	
"	4	UPP iP	20 27 56.2	"	5	UPP iP	00 13 46.0
			micr sec			Kuril Islands (h = 30 km).	
		P	Z' 0.1 1.0	"	5	UPP iP	00 19 27.8
		UME iP	20 27 31.6			KIR iP	00 18 39.6
		Kuril Islands (h = 45 km).				UME iP	00 19 03.5
		m = 5.8 (UPP,KIR).				Kuril Islands (h = N).	
"	4	UPP iP	21 33 26.7				
		(cont).					

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994			
Oct.	5	UPP iP UME iP East of Kuril Islands (h = N).	00 31 13.3 00 30 46.1	Oct.	5	UPP iP UME iP Kuril Islands (h = 20 km).	02 09 50.1 02 09 25.0
"	5	UPP iP UME iP Kuril Islands (h = N). m = 5.7 (UPP,KIR).	00 33 37.9 00 33 13.7	"	5	UPP iP UME iP Kuril Islands (h = 40 km).	02 25 13.8 02 24 47.6
"	5	UPP iP UME iP Kuril Islands (h = 40 km).	00 38 42.9 00 38 17.4	"	5	UPP iP Kuril Islands (h = 35 km).	02 47 57.2
"	5	UPP iP UME iP Kuril Islands (h = 40 km).	00 46 01.0 00 45 33.0	"	5	UPP iP UME iP Kyushu, Japan (h = 20 km).	03 27 03.9 03 26 46.0
"	5	UPP iP UME iP Kuril Islands (h = N).	00 56 15.3 00 55 50.9	"	5	UPP iP UME iP Kuril Islands (h = 50 km).	03 32 11.0 03 34 50.2 03 34 26.4
"	5	UPP iP UME iP Kuril Islands (h = 55 km).	01 04 47.9 01 04 23.3	"	5	UPP iP UME iP Kuril Islands (h = 50 km).	03 54 25.6 03 53 59.5
"	5	UPP iP UME iP Kuril Islands (h = 50 km).	01 20 40.5 01 20 11.2	"	5	UPP iP UME iP Kuril Islands (h = 50 km).	04 00 14.7 03 59 48.0
"	5	UPP iP P Mx KIR Mx Mx UME iP Taiwan (h = 70 km). m = 5.6, M = 6.0 (UPP,KIR). M uncorrected for focal depth.	01 25 13.1 micr sec Z' 0.1 1.2 Z 8.5 18 02 01 micr sec Z 4.6 13 01 24 58.9	"	5	UPP iP P Mx KIR Mx Mx UME iP East of Kuril Islands (h = 40 km). m = 6.2, M = 5.8 (UPP,KIR).	04 11 51.6 micr sec Z' 0.2 0.7 Z 5.0 15 04 43 micr sec Z 6.4 16 04 11 26.5
"	5	UPP iP UME iP Kuril Islands (h = 50 km).	01 37 44.3 01 37 20.8	"	5	UPP iP P UME iP East of Kuril Islands (h = N). m = 5.9 (UPP,KIR).	04 15 33.1 micr sec Z' 0.1 0.9 04 15 05.7
"	5	UPP iP Kuril Islands (h = 45 km).	01 53 06.1				
"	5	UPP iP Kuril Islands (h = N).	02 07 53.0				

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994			
Oct.	5	UPP iP	04 19 26.6	Oct.	5	UPP iP	09 21 08.8
			micr sec			UME iP	09 20 45.5
		P	Z' 0.1 1.1			Kuril Islands (h = N).	
		UME iP	04 19 01.2				
		East of Kuril Islands (h = 45 km).		"	5	UPP iP	09 47 54.6
		m = 5.6 (UPP,KIR).				UME iP	09 47 29.1
"	5	UPP iP	04 55 43.3			Kuril Islands (h = 55 km).	
		UME iP	04 55 11.3	"	5	UPP iP	09 58 16.5
		Kuril Islands (h = N).				UME iP	09 57 51.5
"	5	UPP iP	05 06 20.7			Kuril Islands (h = N).	
		ipP	05 06 32.2	"	5	UPP iP	10 18 56.8
		UME iP	05 05 55.5			Kuril Islands (h = N).	
		ipP	05 06 05.8	"	5	UPP iP	10 21 08.0
		Kuril Islands.				East of Kuril Islands (h = N).	
		h = 40 km (UPP,KIR,UME).		"	5	UPP iP	12 04 07.3
"	5	UPP iP	05 48 39.3			East of Kuril Islands (h = N).	
		UME eP	05 48 11	"	5	UPP iP	12 10 40.4
		East of Kuril Islands (h = N).				Kuril Islands (h = 50 km).	
"	5	UPP iP	07 18 28.1	"	5	UPP iP	12 16 09.2
		UME iP	07 18 02.7			micr sec	
		Kuril Islands (h = 40 km).				P	Z' 0.1 0.9
"	5	UPP iP	07 21 57.6			East of Kuril Islands (h = 10 km).	
		UME iP	07 21 31.9			m = 6.1 (UPP,KIR).	
		Kuril Islands (h = N).		"	5	UPP iP	12 23 01.4
"	5	UPP iP	07 27 09.4			East of Kuril Islands (h = 30 km).	
		iS	07 36 12	"	5	UPP iP	12 45 45.3
			micr sec			micr sec	
		P	Z' 0.2 0.7			P	Z' 0.1 0.6
		Mx	Z 4.5 17			Kuril Islands (h = 55 km).	
		KIR Mx	07 57			m = 6.1 (UPP,KIR).	
			micr sec	"	5	UPP iP	12 50 32.0
		Mx	Z 4.8 17			micr sec	
		UME iP	07 26 45.0			P	Z' 0.2 1.0
		East of Kuril Islands (h = 40 km).				Kuril Islands (h = 40 km).	
		m = 6.2, M = 5.7 (UPP,KIR).				m = 6.2 (UPP,KIR).	
"	5	UPP iP	08 07 38.4	"	5	UPP iP	14 05 19.4
		Kuril Islands (h = N).				Kuril Islands (h = N).	
"	5	UPP iP	08 27 02.8	"	5	UPP iP	14 47 02.7
		UME iP	08 26 38.3			Kuril Islands (h = 35 km).	
		Kuril Islands (h = N).					
"	5	UPP iP	09 10 05.6				
		East of Kuril Islands (h = N).					

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994			
Oct.	5	UPP iP UME iP Kuril Islands (h = 30 km).	15 38 23.4 15 38 03.5	Oct.	5	UPP iP UME iP Off coast of Hokkaido, Japan (h = N).	22 36 20.7 22 35 53.4
"	5	UPP iP UME iP South Sandwich Islands region (h = 160 km).	15 56 08.1 15 56 15.0	"	6	UPP iP UME eP East of Kuril Islands (h = 25 km).	00 30 46.4 00 30 22
"	5	UPP iP Kuril Islands (h = N).	17 26 32.3	"	6	UPP iP UME iP East of Kuril Islands (h = 25 km).	01 56 18.9 01 55 52.8
"	5	UPP iP East of Kuril Islands (h = N).	18 02 47.5	"	6	UPP iP UME iP Kuril Islands (h = N).	01 59 06.7 01 58 42.5
"	5	UPP iP UME iP Kuril Islands (h = 50 km).	19 49 36.9 19 49 12.0	"	6	UPP iP Kuril Islands (h = 30 km).	05 27 20.0
"	5	UPP iP iS micr sec P Z' 0.1 1.0 UME iP iS Kuril Islands (h = 15 km). m = 6.0 (UPP,KIR).	20 48 35.4 20 57 36 20 48 09.8 20 56 52	"	6	UPP iP Kuril Islands (h = N).	06 21 37.9
"	5	UPP iP micr sec P Z' 0.1 0.8 Mx Z 7.9 16 KIR Mx micr sec Mx Z 5.2 15 UME iP ipP Kuril Islands (h = 40 km). m = 5.9, M = 5.9 (UPP,KIR).	20 50 47.1 20 50 22.5 20 50 35.5	"	6	UPP iP UME eP East of Kuril Islands (h = 30 km). m = 5.8 (UPP,KIR).	07 30 52.0 07 49 30
"	5	UPP iP UME iP Kuril Islands (h = N).	21 13 37.8 21 13 12.9	"	6	UPP iP UME iP East of Kuril Islands (h = N). m = 5.8 (UPP,KIR).	07 54 50.9 07 54 21.9
"	5	UPP eP Kuril Islands (h = 30 km).	22 00 42	"	6	UPP iP UME eP Kuril Islands (h = 30 km).	07 57 41.3 09 13 16.8 09 12 51
"	5	UPP iP UME iP Kuril Islands (h = N).	22 02 20.9 22 01 53.5	"	6	UPP iP East of Kuril Islands (h = 40 km).	10 24 54.4

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994			
Oct.	6	UPP iP	11 47 35.6	Oct.	7	UPP eP	13 59 16
			Kuril Islands (h = N).				micr sec
"	6	UPP iP	12 06 44.3			P Z' 0.1	1.0
			Kuril Islands (h = 50 km).				Kuril Islands (h = 45 km).
"	6	UPP iP	12 50 47.3	"	7	UPP iP	15 11 19.5
			Kuril Islands (h = 55 km).				micr sec
"	6	UPP iP	12 57 07.6			P Z' 0.1	0.8
			Kuril Islands (h = N).				East of Kuril Islands (h = 30 km).
"	6	UPP iP	16 44 03.0	"	7	UPP iP	15 35 07.4
			Kuril Islands (h = N).			ipP	15 35 14.4
"	6	UPP iP	18 54 16.9				micr sec
			Kuril Islands (h = 50 km).			P Z' 0.5	1.0
"	6	UPP iP	23 31 14.5				Off coast of Hokkaido, Japan
			micr sec				(h = 25 km).
		P Z' 0.1	0.7	"	7	UPP iP	21 15 39.2
			Kuril Islands (h = 55 km).				Kuril Islands (h = N).
			m = 5.8 (UPP,KIR).	"	8	UPP iP	05 39 29.5
"	7	UPP iP	02 47 08.9				Kuril Islands (h = 25 km).
		i	02 47 09.4	"	8	UPP iP	10 05 40.0
			micr sec				East of Kuril Islands (h = 10 km).
		P Z' 0.8	1.0	"	8	UPP iP	10 39 44.6
			Kuril Islands (h = 50 km).			UME iP	10 39 20.5
			m = 6.6 (UPP,KIR).				Kuril Islands (h = 10 km).
"	7	UPP iP	03 34 24.8 C	"	8	UPP iP	12 24 51.0
		i	03 34 50.7			UME iP	12 24 26.9
			micr sec				Kuril Islands (h = 60 km).
		P Z' 0.4	0.7	"	8	UME iP	21 22 21.7
			Southern Xinjiang, China				Kuril Islands (h = 50 km).
			m = 6.5 (UPP,KIR).	"	8	UPP eP	21 58 01.5
			Underground explosion.			iSKS	22 08 42
"	7	UPP iP	07 11 53.3				micr sec
			micr sec			Mx Z 29	17
		P Z' 0.1	0.5			KIR Mx	22 52
			Kuril Islands (h = 55 km).				micr sec
			m = 6.1 (UPP,KIR).			Mx Z 27	17
"	7	UPP iPKP1	13 14 02.7			UME iP	21 57 50.9
			Off e. coast of N. Island, N.Z.			iSKS	22 08 33
			(h = N).				Halmahera, Indonesia (h = 15 km).
							M = 6.8 (UPP,KIR).
"	9	UME eP	00 35 07	"	9	UME eP	00 35 07
			Tajikistan (h = 130 km).				Tajikistan (h = 130 km).

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1994				1994			
Oct.	9	UPP iP	08 23 14.8	Oct.	9	(cont).	
			East of Kuril Islands (h = N).			UME iP	19 16 24.9
"	9	UPP iP	07 53 39.3				Southern Xinjiang, China
			Taiwan region (h = N).				(h = 40 km).
"	9	UPP iP	08 06 39.0	"	9	UPP iP	20 36 10.3
		iS	08 15 44			UME iP	20 35 45.7
			micr sec				Kuril Islands (h = 35 km).
		P	Z' 0.4 0.7	"	9	UPP iP	21 05 22.6
		Mx	Z 233 26			UME iP	21 04 57.3
		KIR Mx	08 36				Kuril Islands (h = 20 km).
			micr sec	"	9	UPP iP	22 34 54.4
		Mx	Z 306 19			UME iP	22 34 30.0
			Kuril Islands (h = N).				Kuril Islands (h = 30 km).
			M = 7.3 (UPP,KIR).	"	10	UPP iP	02 09 12.8
"	9	UPP iP	08 18 06.2			KIR eP	02 08 26
		ipP	08 18 20.0			UME iP	02 08 48.0
			micr sec				Kuril Islands (h = 25 km).
		P	Z' 0.1 0.8	"	10	UPP eP	14 17 34
			East of Kuril Islands (h = 40 km).			UME iP	14 17 20.1
"	9	UPP iP	08 59 56.7				Qinghai, China (h = N).
			micr sec	"	10	UPP iP	21 17 53.0
		P	Z' 0.1 0.8			i	21 18 04.0
			East of Kuril Islands (h = 35 km).				micr sec
"	9	UPP iP	09 11 51.5			P	Z' 0.1 1.0
			East of Kuril Islands (h = N).			Mx	Z 2.0 21
"	9	UPP iP	11 18 46.7			KIR Mx	21 49
		ipP	11 18 58.9				micr sec
			micr sec			Mx	Z 2.4 17
		P	Z' 0.1 1.0			UME iP	21 17 27.8 D
		Mx	Z 3.2 17			ipP	21 17 39.4
			East of Kuril Islands (h = 45 km).				Andreanof Islands, Aleutian Is.
"	9	UPP iP	11 20 00.0				h = 40 km (UPP,KIR,UME).
			micr sec				m = 6.0, M = 5.3 (UPP,KIR).
		P	Z' 0.1 0.7	"	10	UPP iP	21 36 41.9
			Kuril Islands (h = N).			UME iP	21 36 17.1
"	9	UPP iP	12 35 21.8				East of Kuril Islands (h = 35 km).
			Kuril Islands (h = 45 km).	"	10	UPP iP	22 28 50.7
"	9	UPP iP	19 16 28.2			UME iP	22 28 26.2
		iPP	19 18 10.0				Kuril Islands (h = 20 km).
			micr sec	"	11	UME iPKP	01 56 03.9
		Mx	Z 1.9 11				Near coast of Central Chile
			(cont).				(h = 45 km).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994			
Oct.	11	UPP iP UME iP i	01 57 13.2 01 56 56.8 01 56 58.9	Oct.	11	UPP iPKP UME iPKP	17 26 59.0 17 26 51.1
		Ryukyu Islands (h = 35 km).				Santa Cruz Islands (h = 50 km).	
"	11	UPP iP UME iP	05 37 38.5 05 37 12.9	"	11	UPP iP	18 06 15.6
		Kuril Islands (h = N).				Kuril Islands (h = N).	
"	11	UPP iP UME iP	05 42 27.8 05 42 21.1	"	11	UPP iP	20 54 49.8
		Xizang (h = 15 km).				Qinghai, China (h = N).	
"	11	UPP iP UME iP	06 49 11.1 06 48 46.7	"	11	UPP iPKP1 iPKP2	23 23 48.8 23 23 56.3
		Andreanof Islands, Aleutian Is. (h = N).				Kermadec Islands, New Zealand (h = 270 km).	
"	11	UPP iP UME iP	06 55 09.8 06 54 45.8	"	12	UPP iP	05 03 48.0
		Kuril Islands (h = N).				Southern Italy (h = 20 km).	
"	11	UPP iP	11 24 24.4	"	12	UPP iP ipP	06 15 30.5 06 15 37.6
		Andreanof Islands, Aleutian Is. (h = N).				micr sec P Z' 0.1 1.1	Luzon, Philippine Islands (h = 25 km).
"	11	UPP iP UME iP	11 33 39.2 11 33 36.2	"	12	UPP iP i	06 20 52.8 06 21 00.0
		Nicobar Islands, India (h = N).				micr sec P Z' 0.1 0.8	Luzon, Philippine Islands (h = 20 km).
"	11	UPP iP UME iP	11 39 55.5 11 39 31.6	"	12	UPP iP	06 47 02.1
		Kuril Islands (h = N).				Luzon, Philippine Islands (h = 30 km).	
"	11	UPP iP UME iP	12 11 19.3 12 10 48.2	"	12	UPP iP i iS	06 56 21.3 06 56 41.4 07 06 52
		Off coast of Hokkaido, Japan (h = 40 km).				micr sec P Z' 0.2 1.2 Mx Z 9.0 15	
"	11	UPP iP UME iP	13 28 33.6 13 28 09.3	"	12	KIR Mx	07 35
		Andreanof Islands, Aleutian Is. (h = N).				micr sec Mx Z 11 18	Luzon, Philippine Islands (h = 15 km). M = 6.2 (UPP,KIR).
"	11	UPP iP UME iP	13 42 16.1 13 41 51.5	"	12	UPP iP	08 38 50.2
		Kuril Islands (h = N).				Kuril Islands (h = N).	
"	11	UPP iP UME iP	14 16 56.2 14 16 26.2	"	12	UPP iP	09 19 59.1
		Kuril Islands (h = N).				Taiwan (h = 80 km).	

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1994				1994			
Oct.	12	UPP iP UME iP Kuril Islands (h = N).	10 01 46.6 10 01 22.2	Oct.	13	UPP iP UME iP Kuril Islands (h = N).	13 59 31.1 13 59 04.6
"	12	UPP iP Andreanof Islands, Aleutian Is. (h = N).	10 44 21	"	13	UPP iP Off coast of Hokkaido, Japan (h = N).	14 59 14.8
"	12	UPP iP Kuril Islands (h = 30 km).	14 17 18.0	"	13	UPP iP UME iP Kuril Islands (h = N).	16 33 58.7 16 33 33.4
"	12	UPP iP UME iP Kuril Islands (h = N).	14 57 36.2 14 57 11.9	"	13	UPP iP UME eP Kuril Islands (h = 20 km).	21 42 37.1 21 42 10
"	12	UPP iP UME iP Luzon, Philippine Islands (h = 20 km).	15 17 34.7 15 17 23.0	"	13	UPP iP UME iP Off coast of Hokkaido, Japan (h = N).	22 34 15.3 22 34 50.8
"	12	UPP ePKP Solomon Islands (h = 50 km).	17 02 10	"	13	UPP iP Turkmenistan (h = N).	23 25 58.1
"	13	UPP iP Hokkaido, Japan region (h = N).	03 04 20.0	"	14	UPP iP Crete (h = N).	02 49 35.7
"	13	UPP iP Kuril Islands (h = N).	04 25 38.4	"	14	UPP iP UME iP Kuril Islands (h = N).	04 17 18.2 04 16 54.1
"	13	UPP eP Mx Z KIR Mx Mx Z UME iP Halmahera, Indonesia (h = 10 km). M = 6.3 (UPP,KIR).	05 18 20 micr sec 11 19 06 09 micr sec 8.6 17 05 18 03.9	"	14	UPP iP Kuril Islands (h = N).	07 07 24.8
"	13	UPP iP UME iP Kuril Islands (h = N).	11 39 38.6 11 39 14.3	"	14	UPP iP P Z' UME iP Kuril Islands (h = N).	20 19 10.2 micr sec 0.1 0.6 20 18 46.0
"	13	UPP iP ipP P Z' UME iP ipP Kuril Islands. h = 35 (UPP,UME).	12 14 20.9 12 14 29.5 micr sec 0.1 0.7 12 13 57.0 12 14 07.8	"	15	UPP iP Mx Z New Ireland region, P.N.G. (h = 10 km).	00 58 02.4 micr sec 6.1 18

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994						
Oct.	15	UPP	iP	01 46 22.7	Oct.	18	UPP	iP	01 07 48.3	Southern Xinjiang, China (h = N).
"	15	UPP	iP	08 26 13.8	"	18	UPP	iP	03 20 10.9	El Salvador (h = 80 km).
		UME	iP	08 25 49.6						
		Kuril Islands (h = N).								
"	15	UPP	iP	15 27 49.2	"	18	UME	iP	04 59 07.0	Michoacan, Mexico (h = 90 km).
		UME	iP	15 27 24.8						
		East of Kuril Islands (h = 35 km).			"	18	UME	iPKP1	08 50 32.4	South of Kermadec Islands (h = N).
"	15	UPP	iP	15 35 40.6	"	18	UPP	iP	09 07 50.5	Kuril Islands (h = N).
		UME	iP	15 35 15.6						
		Kuril Islands (h = N).			"	18	UPP	iP	10 53 58.8 C	
"	16	UPP	iP	01 44 21.1	"	18		i	10 54 07.6	
		UME	iP	01 43 54.4					micr sec	
		Kuril Islands (h = N).						P	Z' 0.1 0.7	
"	16	UPP	iP	05 20 43.5	"	18	UME	iP	10 53 34.2 C	Kuril Islands (h = N).
			i	05 20 44.9						m = 6.1 (UPP,KIR).
			iPcP	05 21 14.5						
			iS	05 29 23.5						
			iScS	05 30 27.5						
				micr sec	"	18	UME	iP	14 28 47.7	Bonin Islands region (h = N).
		Mx	Z	13 17						
		KIR	Mx	05 45						
				micr sec	"	18	UPP	iP	17 23 49.3 C	
		Mx	Z	15 17				i	17 24 15.7	
		UME	iP	05 20 18.5 C				iS	17 32 47	
			iS	05 28 40.7				iScS	17 33 38	
		Kuril Islands (h = 120 km).							micr sec	
		m = 6.5, M = 6.2 (UPP,KIR).						P	Z' 2.2 1.5	
"	17	UPP	iP	09 07 10.1			KIR	Mx	17 55	
		UME	iP	09 07 50.7					micr sec	
		Ionian Sea (h = N).						Mx	Z 3.4 17	
"	17	UPP	iP	14 06 01.5			UME	iP	17 23 24.6 C	
				micr sec				iS	17 32 00	
		P	Z'	0.2 0.9						Kuril Islands (h = 60 km).
		UME	iP	14 05 37.3 C						m = 6.8, M = 5.6 (UPP,KIR).
		Kuril Islands (h = N).			"	18	UPP	iPn	18 40 15.8	
		m = 6.0, (UPP,KIR).						i	18 41 46.4	
"	17	UPP	iP	17 14 21.4			UME	iSg1	18 44 20.4	
		UME	iP	17 13 59.6			UDD	iPn	18 39 56.4	
		Kuril Islands (h = N).					DEL	iPn	18 39 37.0	
"	17	UME	iPKP	19 44 14.6						North Sea, 55.6°N, 4.9°E.
		Solomon Islands (h = 150 km).								Origin time = 18 38 23.
										By combination with Norwegian stations readings.

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1994				1994								
Oct.	18	UPP	iP	20 55	18.9	Oct.	20	(cont).				
			ipP	20 55	40.7			UPP	iPP	01 35	27.4	
		UME	iP	20 55	12.4			UME	iPKP	01 33	57.2	
			ipP	20 55	33.6			Southern Argentina (h = 160 km).				
		Myanmar-India border region. h = 90 km (UPP,KIR,UME).					"	20	UPP	eP	01 43	46
"	18	UPP	iPKP1	21 15	25.5	"	20	UPP	iP	03 55	27.6	
		UME	iPKP1	21 15	15.0			UME	iP	03 55	03.5	
		Off e. coast of N. Island, N.Z. (h = 30 km).						Kuril Islands (h = N).				
"	19	UPP	iP	00 15	47.9	"	20	UPP	iPKP	04 24	59.1	
		UME	iP	00 15	37.6			Tonga Islands (h = N).				
		Mindanao, Philippine Islands (h = N).				"	20	UPP	iP	08 03	50.3	
"	19	UPP	iP	05 33	10.3			UME	iP	08 03	28.4	
		UME	iP	05 32	45.9			Near s. coast of western Honshu (h = N).				
		Kuril Islands (h = N).				"	20	UPP	iP	20 12	43.3	
"	19	UPP	iP	08 26	54.3			Kuril Islands (h = N).				
		UME	iP	08 26	29.7	"	21	UPP	iP	05 13	57.0	
		East of Kuril Islands (h = N).							ipP	05 14	10.1	
"	19	UPP	iP	13 10	17.5				i	05 15	27.4	
		UME	iP	13 09	58.2				iS	05 20	04	
		Near s. coast of western Honshu (h = 390 km).								micr	sec	
"	19	UPP	iP	14 47	16.3				P	Z' 0.1	1.0	
		UME	iP	14 47	13.7				Mx	Z 8.9	13	
		Tajikistan (h = 35 km).						KIR	Mx	05 32		
"	19	UPP	iP	18 07	10.4					micr	sec	
		UME	iP	18 06	58.4				Mx	Z 5.8	10	
		Taiwan region (h = 15 km).						UME	iP	05 13	55.9	
"	19	UPP	iP	18 13	18.7				ipP	05 14	09.7	
		UME	iP	18 12	54.5				iS	05 20	05	
		Kuril Islands (h = N).						Hindu Kush region, Afghanistan. h = 55 km (UPP,UME).				
"	19	UPP	iP	18 31	37.6	"	21	UPP	iP	09 46	14.5	
		UME	iP	18 31	12.9			Kuril Islands (h = 130 km).				
		Kuril Islands (h = 25 km).				"	21	UPP	iP	11 33	40.5	
"	19	UPP	iP	22 39	54.4					micr	sec	
		Kuril Islands (h = N).							P	Z' 0.1	1.1	
"	20	UPP	iPKP	01 33	51.8				Mx	Z 1.5	18	
			i	01 34	52.0			KIR	Mx	12	10	
		(cont).								micr	sec	
								Mx	Z 4.2	14		
		(cont).						(cont).				

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1994				1994			
Oct.				Oct.			
21	(cont).			23	(cont).		
	UME	iP	11 33 38.4		UME	iP	21 47 10.6
	Afghanistan-Tajikistan bord reg. (h = 240 km).				Philippine Islands region (h = 200 km).		
	M = 5.1 (UPP,KIR).						
	M uncorrected for focal depth.			"	24	UPP	iP
"	21	UPP	eP				00 35 50.8
		UME	iP				00 36 04.1
	Turkmenistan-Iran border region (h = N).						micr sec
						P	Z' 0.2 1.5
						UME	iP
							00 35 26.2
							00 35 39.5
						East of Kuril Islands.	
						h = 45 km (UPP,KIR,UME).	
						m = 5.9 (UPP,KIR).	
"	21	UME	iPKP	"	24	UPP	iP
		Kermadec Islands, New Zealand (h = 210 km).					02 15 40.5
"	21	UPP	iP			UME	iP
			19 37 42.7				02 15 31.1
		UME	iP			Talaud, Islands, Indonesia (h = 70 km).	
			19 37 18.3				
"	21	UPP	iP	"	24	UPP	iP
			22 31 07.8				04 15 09.7
		UME	iP				micr sec
			22 30 41.1			P	Z' 0.2 1.1
		East of Kuril Islands (h = 60 km).				UME	iP
"	22	UPP	eP				04 14 40.8
		UME	iP			Off east coast of Kamchatka (h = N).	
			09 21 20			m = 6.0 (UPP,KIR).	
			09 20 59.4				
		Northwestern China (h = N).		"	24	UPP	iP
"	22	UPP	iP				06 30 08.5
			09 43 50.1			UME	eP
		Kashmir-Xizang border region (h = N).					06 29 53
"	23	UPP	iP			Luzon, Philippine Islands (h = 45 km).	
			01 12 41.4	"	24	UME	iP
			micr sec				07 30 48.0
						Kuril Islands (h = N).	
				"	24	UPP	iP
							17 12 23.3
						UME	iP
							17 11 57.2
							17 12 04.3
						South of Alaska (h = N).	
"	23	UPP	iP	"	24	UPP	iP
			08 08 43.4				19 37 29.1
			micr sec			UME	iP
							19 37 05.2 C
							19 37 20.3
						Kuril Islands.	
						h = 60 km (KIR,UME).	
"	23	UPP	iP	"	25	UPP	iP
			11 21 58.2				01 01 55.7
		Kuril Islands (h = N).					01 01 58.2
"	23	UPP	iP				01 04 38
			21 47 24.3				01 07 50
						UME	iP
							01 01 54.1 C
		(cont).				(cont).	

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1994				1994			
Oct.	25	(cont). UME iS Hindu Kush region, Afghanistan (h = 240 km).	01 07 48	Oct.	26	UPP iP UME iP Taiwan region (h = N).	18 14 24.1 18 14 09.0
"	25	UME iP Northern Molucca Sea (h = 40 km).	04 51 05.2	"	26	UPP iP UME iP Andreanof Islands, Aleutian Is. (h = 50 km).	23 58 14.3 23 57 48.4
"	25	UPP iP UME iP Ryukyu Islands (h = N).	07 30 29.9 07 30 13.3	"	27	UPP iP UME iP Southern Greece (h = 45 km).	07 07 24.6 07 08 05.8
"	25	UPP iP UME iP Easter Xizang-India border reg. (h = N).	07 39 05.9 07 38 57.6	"	27	UPP iP UME iP Western Iran (h = N).	13 26 05.1 13 26 21.0
"	25	UPP iP UME iP Myanmar-China border region (h = 45 km).	13 09 18.5 13 09 15.6	"	27	UPP iSg1 UME iSg1 UDD iPg1 iSg1 DEL iPn iPg1 iSn iSg1 Västergötland, Sweden, 58.5°N, 13.0°E. Origin time = 16 56 14. M _L (UPP) = 2.8 (0.32) 3.	16 57 37.0 16 59 27.8 16 56 40.2 16 57 01.0 16 56 48.0 16 56 52.1 16 57 16.1 16 57 19.0
"	25	UPP iP UME iP Kuril Islands (h = 35 km).	13 41 28.0 13 41 02.8	"	27	UPP iP iS i P Z' 0.1 0.9 UME iP i Kuril Islands (h = 50 km).	17 41 29.8 17 42 04.6
"	25	UPP iP i P Z' 0.1 0.9 UME iP i Kuril Islands (h = 50 km).	19 01 58.8 19 02 18.0 micr sec 0.1 0.9 19 01 34.9 19 01 53.4	"	27	UPP iP iS i P Z' 0.1 1.0 Mx Z 4.5 17 KIR Mx 18 29 micr sec Mx Z 2.8 16 UME iP iS Off coast of Oregon (h = 20 km). m = 6.1, M = 5.6 (UPP,KIR).	17 57 28.5 18 06 54 18 07 10 micr sec 0.1 1.0 4.5 17 18 29 micr sec 2.8 16 17 57 09.8 18 06 19
"	26	UPP iP UME iP Kermadec Islands region (h = 170 km).	03 50 37.1 03 50 25.7	"	27	UPP iP UME iP Kuril Islands (h = N).	20 54 36.9 20 54 12.3
"	26	UPP iP UME iP Kuril Islands (h = N).	14 03 34.0 14 03 07.9	"	27	UPP iP UME iP Kuril Islands (h = N).	20 54 36.9 20 54 12.3
"	26	UPP iP UME iP South of Kermadec Islands (h = N).	15 04 11.2 15 04 04.8	"	27	UPP iP i (cont).	22 39 00.6 22 39 02.2

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994						1994					
Oct.	27	(cont).				Oct.	29	(cont).			
		UPP	iSKKS	22 48 18				UPP	iS	00 12 42	
				micr sec						micr sec	
			P	Z' 1.2 0.7					P	Z' 0.1 1.5	
			Mx	Z 1.4 20					Mx	Z 7.5 16	
		UME	i(PKP)	22 38 48.7				KIR	Mx	00 40	
			iPKP	22 38 56.9						micr sec	
			iSKP1	22 41 43.8					Mx	Z 2.7 15	
		South of Fiji Islands (h = 520 km).						UME	iP	00 02 39.7	
									iS	00 12 09	
"	28	UPP	iP	04 33 20.9				Taiwan region (h = N).			
		UME	iP	04 32 56.4				m = 5.8, M = 5.8 (UPP,KIR).			
		Kuril Islands (h = N).									
"	28	UPP	iP	09 24 26.2		"	29	UPP	iP	04 42 11.5	
			iSKS	09 35 04					i	04 42 15.1	
				micr sec				UME	iP	04 41 56.4	
			Mx	Z 5.1 23					i	04 42 09.6	
		KIR	Mx	10 04				Southwestern Ryukyu Islands			
				micr sec				(h = N).			
			Mx	Z 3.1 17		"	29	UPP	iP	14 54 36.8	
		UME	iP	09 24 21.3				UME	iP	14 54 18.9	
		Off coast of Guerrero, Mexico						Near east coast of Honshu, Japan			
		(h = N).						(h = 80 km).			
		M = 5.8 (UPP,KIR).									
"	28	UPP	iP	11 11 07.7		"	30	UPP	iP	06 19 18.5	
		Near Islands, Aleutian Islands								micr sec	
		(h = N).							P	Z' 0.1 1.0	
								UME	iP	06 19 35.8	
								Republic of South Africa (h = 5 km).			
"	28	UPP	iP	13 10 09.8		"	30	UPP	iP	08 25 12.6	
		UME	iP	13 10 07.3					iSKS	08 35 26	
		Near coast of Chiapas, Mexico						UME	iP	08 25 03.0	
		(h = 70 km).						Banda Sea (h = 260 km).			
"	28	UPP	iP	17 43 22.0		"	30	UPP	iP	09 40 42.9	
		UME	iP	17 43 01.2				UME	iP	09 41 21.4	
		Off east coast of Honshu, Japan						Eastern Mediterranean Sea			
		(h = 40 km).						(h = 45 km).			
"	28	UPP	iP	21 00 22.3		"	31	UPP	iP	03 03 55.6	
		UME	iP	20 59 57.6				UME	iP	03 03 29.9	
		Kuril Islands (h = 60 km).						Kuril Islands (h = 55 km).			
"	28	UPP	iP	22 48 23.5		"	31	UPP	iP	12 00 30.3	
		UME	iP	22 47 55.1					iS	12 10 38	
		Fox Islands, Aleutian Islands								micr sec	
		(h = 45 km).							P	Z' 0.2 1.5	
"	29	UPP	eP	00 02 56				Mx	Z 7.4 19		
		(cont).						(cont).			

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SEISMOLOGICAL BULLETIN

UPPSALA, KIRUNA, UMEÅ, UDDEHOLM

DELARY and MYRVIKEN

Uppsala	(UPP)	59°51.5'N,	17°37.6'E;	h = 14 m
Kiruna	(KIR)	67°50.4'N,	20°25.0'E;	h = 390 m
Umeå	(UME)	63°48.9'N,	20°14.2'E;	h = 16 m
Uddeholm	(UDD)	60°05.4'N,	13°36.4'E;	h = 240 m
Delary	(DEL)	56°28.2'N,	13°52.2'E;	h = 150 m
Myrviken	(MYV)	62°56.5'N,	14°20.8'E;	h = 345 m

NOVEMBER 1 - 30, 1994

1994					1994				
Nov.	1	UPP	iP	00 15 32.6	Nov.	2	UPP	iP	07 44 08.1
		UME	iP	00 15 07.6			UME	eP	07 43 39
		Kuril Islands (h = 25 km).					Eastern Siberia, Russia (h = 10 km).		
"	1	UPP	eP	08 19 29	"	2	UPP	iP	10 01 29.8 C
		Carlsberg Ridge (h = 10 km).							micr sec
							P	Z'	0.1 0.7
"	1	UPP	iP	10 11 06.1 D			UME	iP	10 02 21.1
				micr sec			Myanmar (h = 140 km).		
		P	Z'	0.1 0.8			m = 5.8 (UPP,KIR).		
		Greece-Albania border region (h = N).			"	2	UPP	eP	12 37 03
"	1	UPP	eP	17 01 41			Armenia-Azerbaijan-Iran bord reg. (h = 10 km).		
		Mindanao, Philippine Islands (h = 40 km).			"	2	UPP	iPn	14 59 03.5
"	2	UPP	eP	01 05 15			i	14 59 11.4	
		UME	iP	01 04 53.7			iSn	15 00 06.5	
		Kuril Islands (h = N).					KIR	eSg1	15 04 08
							UME	iSg1	15 02 32.6
"	2	UPP	eP	01 56 55			UDD	iPn	14 58 41.1
				micr sec			iPg1	14 58 49.0	
		Mx	Z	1.4 20			iSn	14 59 31.0	
		KIR	Mx	02 40			DEL	iPn	14 58 28.7
				micr sec			i	14 58 43.8	
		Mx	Z	1.7 19			i	14 59 25.5	
		UME	iP	01 56 44.4			North Sea 57.0°N, 7.8°E.		
		Borneo (h = 55 km).					Origin time = 14 57 37.		
		M = 5.4 (UPP,KIR).					M _L (UPP) = 3.4 (0.09) 2.		
"	2	UPP	eP	05 19 11			By combination with Finnish, Norwegian and Danish station readings.		
		UME	iP	05 18 47.8					
		Kuril Islands (h = 70 km).							

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994			
Nov.	3	UPP iP	00 05 07.4	Nov.	5	(cont).	
		UME iP	00 04 43.0			UME i	02 36 41.5
		Kuril Islands (h = 60 km).				Macquarie Islands region (h = 25 km). M = 6.3 (UPP,KIR).	
"	3	UPP iP	01 32 10.2	"	5	UPP iP	10 04 34.8
		UME iP	01 31 45.6			Kuril Islands (h = 80 km).	
		Kuril Islands (h = N).					
"	3	UPP iPKP	03 26 04.6	"	5	UPP iP	15 13 03.9
		UME iPKP	03 25 57.1			UME iP	15 12 48.1
		Santa Cruz Islands (h = 160 km).				Bonin Islands region (h = 110 km).	
"	3	UPP iP	11 29 48.8	"	6	UPP iP	01 21 20.1
			micr sec			Northern Colombia (h = 170 km).	
		P	Z' 0.1 0.7				
		UME iP	11 29 24.0	"	6	UPP iP	12 06 05.3
		Kuril Islands (h = 50 km).				UME iP	12 05 53.1
"	3	UPP iP	11 51 00.6	"	6	Mindanao, Philippine Islands (h = 40 km).	
			micr sec				
		P	Z' 0.1 1.0	"	7	UPP iP	11 10 55.8
		UME iP	11 51 14.1			UME iP	11 10 53.2
		Southern Iran (h = N).				Andaman Islands, India (h = N).	
"	3	UPP iP	18 50 14.8	"	7	UPP iP	13 14 39.9
		UME iP	18 49 50.0			UME iP	13 13 14.3
		Kuril Islands (h = 35 km).				Kuril Islands (h = 55 km).	
"	4	UPP iP	01 25 52.3	"	7	UPP iP	15 07 30.3
		ipP	01 28 03.6			UME iP	15 07 03.7
		UME iP	01 25 59.7			Northwest of Kuril Islands (h = 420 km).	
		ipP	01 28 11.1	"	7	UPP iP	19 22 04.2
		Peru-Brazil border region. h = 610 km (UPP,UME).				KIR iP	19 21 13.9
"	4	UPP i(PKP)	08 45 40.8	"	7	UME iP	19 21 33.3
		iPKP	08 45 49.4			Near Islands, Aleutian Islands (h = N).	
		iSKP1	08 48 29.7	"	7	KIR iP	21 20 30.4
		UME iPKP	08 45 46.0				micr sec
		Fiji Islands region (h = 620 km).				P	Z' 0.1 0.8
"	5	UPP iPKP1	02 36 17.9	"	7	UME iP	21 20 54.3
		iPKP2	02 36 44.8			Fox Islands, Aleutian Islands (h = N).	
			micr sec	"	8	UPP iP	04 35 08.4
		Mx	Z 7.0 23			Ionian Sea (h = 5 km).	
		KIR Mx	03 45				
			micr sec				
		Mx	Z 4.7 21				
		UME iPKP1	02 36 12.9				

(cont).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994			
Nov.	8	UPP iP	05 39 27.6	Nov.	9	(cont).	
		KIR iP	05 39 15.8			UPP iS	18 41 01.4
			micr sec				micr sec
		P	Z' 0.1 1.0			P	Z' 1.4 10
		UME iP	05 39 14.3			Mx	Z 2.2 18
		Northern Xinjiang, China (h = N).				KIR iP	18 31 16.2 C
"	8	UPP iP	09 33 45.5				micr sec
		KIR iP	09 33 11.6			P	Z' 0.7 1.0
		UME iP	09 33 24.7			Mx	Z 3.8 20
		South of Honshu, Japan (h = 40 km).				UME iP	18 31 37.0
"	8	UPP iP	17 53 58.1			iS	18 40 15
		KIR eP	17 53 12			Kuril Islands (h = 55 km).	
		Kuril Islands (h = 50 km).				m = 6.8, M = 5.4 (UPP,KIR).	
"	8	UPP iP	18 02 12.2	"	9	UPP iP	21 45 38.1
		KIR iP	18 01 44.5			KIR eP	21 44 26
		South of Mariana Islands (h = 35 km).				UME iP	21 45 07.6
"	9	UPP iP	03 32 10.7			Jan Mayen Island region (h = 10 km).	
		KIR eP	03 31 28	"	10	UPP iP	00 36 25.0
		UME iP	03 31 50.8			KIR iP	00 35 39.4
		Kuril Islands (h = 50 km).				UME iP	00 36 04.0
"	9	UPP iP	04 09 25.5	"	10	UPP iP	03 43 33.7
		KIR iP	04 09 31.5			Halmahera, Indonesia (h = 90 km).	
			micr sec	"	10	UPP iPdiff	06 16 19.3
		P	Z' 0.2 1.6			KIR iP	06 16 03.5
		UME eP	04 09 31			UME iP	06 16 08.8
		Venezuela (h = 10 km).				Banda Sea (h = 100 km).	
"	9	UPP iP	05 14 29.4	"	10	UPP iP	07 19 30.8
		KIR iP	05 15 35.8			i	07 19 35.1
		Dodecanese Islands (h = 20 km).				KIR iP	07 19 09.7
"	9	UPP iPKP	14 59 57.4			i	07 19 13.3
		KIR iPKP	14 59 42.6				micr sec
		UME iPKP	14 59 49.2			P	Z' 0.1 1.4
		Fiji Islands region (h = 590 km).				UME iP	07 19 11.2
"	9	UPP iP	18 27 10.4			Taiwan region (h = N).	
		KIR iP	18 27 56.0	"	10	UPP iPKP	11 07 10.7
		UME iP	18 27 38.9			KIR ePKP	11 07 02
		Iran-Iraq border region (h = 40 km).				UME iPKP	11 07 05.0
"	9	UPP iP	18 32 02.2 C			Solomon Islands (h = N).	
		i	18 32 26.6	"	10	UPP eP	16 01 07
						KIR iP	16 00 48.9
						UME eP	16 00 58
						Northern Molucca Sea (h = N).	

(cont).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994			
Nov.	10	UPP iP	16 47 33.3	Nov.	13	UPP iP	07 01 15.4
		KIR iP	16 46 59.0			iS	07 05 36
		UME iP	16 47 11.9				micr sec
		Off east coast of Honshu, Japan (h = 25 km).				Mx Z	2.9 11
"	11	UPP iP	05 22 16.9			KIR iP	07 02 22.8
		Kuril Islands (h = N).					micr sec
						Mx Z	2.2 9
						Turkey (h = 10 km). M = 5.0 (UPP,KIR).	
"	11	UPP iP	07 34 07.6	"	13	UPP eP	07 19 04
		KIR iP	07 33 23.2			KIR iP	07 20 08.8
		UME iP	07 33 44.0			Dodecanese Islands (h = 10 km).	
		Kuril Islands (h = N).					
"	11	KIR iPg1	08 45 38.7	"	13	UPP iP	08 03 28.2
		iSg1	08 45 57.4			iS	08 07 50
		UME iSg1	08 47 07.4				micr sec
		Northern Finland, 67.2°N, 23.8°E. Origin time = 08 45 12. M _L (UPP) = 2.6 1. Felt. By combination with Finnish station readings.				P Z'	0.1 1.0
						KIR iP	08 04 35.5
							micr sec
						P Z'	0.1 1.0
						Turkey (h = 10 km). m = 5.2 (UPP,KIR).	
"	11	UPP eP	14 56 14	"	13	UPP eP	08 20 37
		KIR iP	14 55 58.2			i	08 25 04
		UME iP	14 56 01.9				micr sec
		Mindanao, Philippine Islands (h = 160 km).				P Z'	0.1 1.1
"	12	UPP iP	11 02 15.4			KIR iP	08 21 43.3
			micr sec				micr sec
		P Z'	0.1 0.8			P Z'	0.1 1.0
		KIR iP	11 01 30.5			Turkey (h = 10 km). m = 5.3 (UPP,KIR).	
			micr sec				
		P Z'	0.1 1.0	"	13	UPP iP	20 06 21.5
		UME iP	11 01 51.0				micr sec
		Kuril Islands (h = N). m = 5.7 (UPP,KIR).				P Z'	0.1 1.1
"	12	UPP iP	14 06 31.8			KIR iP	20 05 30.1
		KIR iP	14 05 46.6				micr sec
		Off coast of Hokkaido, Japan (h = N).				P Z'	0.1 1.0
						UME iP	20 05 55.8
						Off east coast of Kamchatka (h = 30 km). m = 5.9 (UPP,KIR).	
"	13	UPP iP	04 46 06.9	"	13	KIR eP	21 18 24
		KIR iP	04 45 21.3			Southern Xinjiang, China (h = N).	
		East of Kuril Islands (h = N).					

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994					
Nov.	14	KIR	iP	11 39 24.8	Nov.	15	UPP	iP	20 30 39.7
				micr sec				i	20 30 41.5
			P	Z' 0.4 20				ipP	20 32 44.7
		North of Ascension Island (h = 10 km).						iPP	20 34 36.1
"	14	UPP	iP	19 28 03.6				iS	20 41 04
			ipP	19 28 14.3					micr sec
			iS	19 38 26				P	Z' 0.4 0.6
				micr sec			KIR	iP	20 30 33.9
			P	Z' 0.9 1.5				ipP	20 32 39.1
			Mx	Z 113 15				iPP	20 34 36.1
		KIR	iP	19 27 45.1					micr sec
			ipP	19 27 54.9			UME	iP	20 30 34.8 D
			iPP	19 30 57.7				ipP	20 32 39.5
				micr sec				iPP	20 34 31.1
			P	Z' 0.6 1.1			Java Sea.		
			Mx	Z 109 17			h = 580 km (UPP,KIR,UME).		
		UME	iP	19 27 50.9			m = 6.9 (UPP,KIR).		
			ipP	19 28 00.9	"	15	UPP	iP	20 50 33.3
			iPP	19 31 02.0				i	20 50 40.3
			iS	19 38 06				iS	20 59 30
		Mindoro, Philippine Islands. h = 35 km (UPP,KIR,UME). m = 6.7, M = 7.3 (UPP,KIR).							micr sec
"	14	KIR	iP	22 36 48.2				P	Z' 0.1 1.0
		Taiwan region (h = 20 km).						Mx	Z 20 16
"	14	KIR	iP	22 47 54.8			KIR	iP	20 49 43.0
		East of Kuril Islands (h = N).							micr sec
"	15	UPP	iP	06 37 47.0				P	Z' 0.3 1.5
				micr sec				Mx	Z 14 14
			P	Z' 0.1 1.5			UME	iP	20 50 07.5
		KIR	iP	06 37 27.9				iS	20 58 37
			i	06 37 33.7			Kuril Islands (h = 10 km). m = 6.0, M = 6.3 (UPP,KIR).		
				micr sec	"	16	UPP	iP	00 11 44.0
			P	Z' 0.2 2.0					micr sec
		UME	iP	06 37 30.7				P	Z' 0.1 1.0
		Mindoro, Philippine Islands (h = 20 km). m = 6.0 (UPP,KIR).					KIR	iP	00 11 21.1
									micr sec
"	15	UPP	iP	19 03 27.4				P	Z' 0.1 0.9
		KIR	iP	19 02 32.6			UME	iP	00 11 30.0
		Andreanof Islands, Aleutian Is. (h = N).					Taiwan region (h = 15 km). m = 5.6 (UPP,KIR).		
"	16	UPP	iP	00 34 03.5					micr sec
		KIR	iP	00 33 12.2					
		UME	iP	00 33 32.8					
		Kuril Islands (h = N).							

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994			
Nov.	19	(cont).		Nov.	20	(cont).	
		UDD	iSg1 09 08 11.2			KIR	micr sec
		MYV	iPg1 09 08 27.0				Mx Z 2.6 23
			iSg1 09 09 08.0				Solomon Islands (h = 25 km).
			Southeastern Norway, 60.3°N, 11.1°E.				M = 5.8 (UPP,KIR).
			Origin time = 09 07 28.		"	20	KIR iSg1 05 22 51.5
			M _L (UPP) = 3.5 (0.13) 3.				Northern Norway, 69.9°N, 24.8°E.
			Felt.				Origin time = 05 21 32.
			By combination with Finnish and Norwegian station readings.				By combination with Finnish and Norwegian station readings.
"	19	UPP	ePg1 09 16 55	"	20	UPP	Mx 07 57
			iSg1 09 17 37.5				micr sec
		UME	iSg1 09 18 48.8				Mx Z 2.8 23
		UDD	iPg1 09 16 18.7			KIR	Mx 07 49
			i 09 16 24.4				micr sec
			iSg1 09 16 36.4				Mx Z 1.7 22
			i 09 16 42.7				Vanuatu Islands region (h = 25 km).
			Southeastern Norway, 60.3°N, 11.0°E.				M = 5.8 (UPP,KIR).
			Origin time = 09 15 54.		"	20	UPP iP 08 41 14.2
			M _L (UPP) = 2.7 (0.15) 3.				KIR iP 08 40 29.4
			Felt.				Kuril Islands (h = 50 km).
			By combination with Finnish and Norwegian station readings.				
"	19	UPP	eP 11 22 56	"	20	UPP	iP 09 39 36.7
		KIR	iP 11 22 05.4			KIR	iP 09 38 51.4
		UME	iP 11 22 21.4			UME	eP 09 39 10
			Rat Islands, Aleutian Islands (h = N).				Kuril Islands (h = 40 km).
"	19	UPP	iP 21 57 52.5	"	20	UPP	iP 14 36 56.2
			micr sec				iS 14 41 38
			P Z' 0.1 1.0				micr sec
		KIR	iP 21 57 07.8				Mx Z 4.0 12
			micr sec			KIR	iP 14 37 48.1
			P Z' 0.1 1.0				micr sec
		UME	iP 21 57 28.1				Mx Z 2.1 11
			Kuril Islands (h = 45 km).			UME	iP 14 37 16.9
			m = 5.8 (UPP,KIR).				iS 14 42 29
							Jordan-Syria region (h = 30 km).
"	20	UPP	iP 01 05 11.6				M = 5.1 (UPP,KIR).
		KIR	iP 01 04 20.8		"	20	UPP iP 16 45 42.1
			Andreanof Islands, Aleutian Is. (h = N).				micr sec
"	20	UPP	Mx 04 11				P Z' 0.1 0.9
			micr sec			KIR	iP 16 44 55.9
			Mx Z 3.1 21				micr sec
		KIR	iPKP 03 15 55.0				P Z' 0.1 1.0
						UME	iP 16 45 16.2
							Kuril Islands (h = 55 km).
							m = 5.7 (UPP,KIR).
			(cont).				

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994			
Nov.	20	UPP	iP	17 13 14.6	Nov.	21	(cont).
				micr sec			KIR iP
				Z 14 20			12 05 47.2
		KIR	iP	17 12 56.0			micr sec
				micr sec			P Z' 0.1 1.0
				Z 7.2 17			UME iP
		UME	iP	17 13 03.3			12 06 06.6
		Irian Jaya region, Indonesia					Hokkaido, Japan region (h = 50 km).
		(h = 15 km).			"	21	UPP iSg1
		M = 6.3 (UPP,KIR).					21 07 21.8
							UME iSg1
							21 08 33.4
							Southeastern Norway, 60.2°N, 11.1°E.
							Origin time = 21 05 38.
"	20	UPP	iP	18 46 32.9			M _L (UPP) = 2.5 1.
				micr sec			Felt.
				Z' 0.7 0.9			By combination with Finnish and
		KIR	iP	18 46 32.5			Norwegian station readings.
				micr sec			
				Z 0.8 0.9		"	22
		UME	iP	18 46 29.6			UPP i(PKP)
		Northern Sumatera, Indonesia					05 22 37.7
		(h = 150 km).					iPKP
		m = 6.4 (UPP,KIR).					05 22 45.5
							iSKP1
							05 25 29.8
							KIR i(PKP)
							05 22 20.1
							iPKP
							05 22 29.7
							iSKP1
							05 25 05.0
							UME iPKP
							05 22 32.2
							iSKP1
							05 25 19.4
							Fiji Islands region (h = 560 km).
"	20	UPP	iP	18 54 06.1			
		KIR	iP	18 53 35.1			
		UME	iP	18 53 47.5			
		Volcano Islands region (h = 30 km).					
"	20	UPP	iPKP1	20 21 20.6			
		KIR	iPKP	20 21 06.2			
		UME	iPKP	20 21 09.1			
		Kermadec Islands region					
		(h = 410 km).					
"	21	KIR	iPKP	02 40 10.4			
		Vanuatu Islands (h = 130 km).					
"	21	UPP	iP	08 27 00.5			
			iS	08 35 22			
				micr sec			
				Z' 0.1 1.0			
				Z 28 21			
		KIR	iP	08 26 50.0			
				micr sec			
				Z' 0.3 1.4			
				Z 7.3 12			
		UME	iP	08 26 52.6			
		Myanmar (h = 15 km).					
		m = 6.2, M = 6.2 (UPP,KIR).					
"	21	UPP	iP	12 06 31.2			
		(cont).					

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994					
Nov.	23	UPP UME	iP iP	18 47 25.2 18 47 07.4	Nov.	26	UME South of Panama	iP (h = 10 km).	05 01 08.8
				Qinghai, China (h = N).	"	26	UPP	ePKP i	06 30 27 06 30 36.9
"	23	KIR UME	iP iP	21 56 28.7 21 56 55.1				Mx Z	1.6 20
				Near east coast of Kamchatka (h = 35 km).	KIR	iPKP	i		06 30 12.7 06 30 24.7
"	24	UPP KIR	iP iP	10 51 22.4 10 51 05.2				Mx Z	1.7 22
				Mindoro, Philippine Islands (h = 60 km).	UME	iPKP	i		06 30 19.0 06 30 30.9
"	24	UPP	iPKP	20 01 25.1					Vanuatu Islands (h = 35 km). M = 5.7 (UPP,KIR).
				micr sec	"	26	UPP	eP	11 29 18
			P	Z' 0.1 0.9				Mx Z	1.4 17
		KIR	iPKP	20 01 11.2	KIR	iP			11 28 53.3
				micr sec	UME	iP			11 29 06.8
			P	Z' 0.1 0.5					Taiwan region (h = N).
		UME	iPKP	20 01 17.9	"	26	UPP	iP	11 34 13.5
				Vanuatu Islands (h = 220 km).	KIR	iP			11 34 00.3
"	24	KIR	iP	22 31 08.0	UME	iP			11 34 04.1
				Kyrgyzstan (h = N).					Minahassa Peninsula, Sulawesi (h = 200 km).
"	25	UPP	iP	09 00 50.8	"	26	UPP	iP	12 27 12.8
				micr sec	UME	iP			12 26 47.7
			P	Z' 0.1 1.3					Kuril Islands (h = N).
		KIR	iP	09 00 05.8	"	26	UPP	iP	15 14 18.7
				micr sec	KIR	iP			15 13 07.6
			P	Z' 0.1 1.0	UME	iP			15 14 44.8
		UME	iP	09 00 25.0					Jan Mayen Island region (h = 10 km).
				East of Kuril Islands (h = 60 km). m = 5.7 (UPP,KIR).	"	27	UPP	ePKP	11 58 17
"	25	UPP	iP	13 31 15.5	KIR	ePKP			11 57 56
		KIR	iP	13 30 56.2	UME	iPKP			11 58 08.6
		UME	iP	13 32 03.2					Fiji Islands region (h = 340 km).
				Philippine Islands region (h = 20 km).	"	27	UPP	iP	18 39 58.2
"	25	UPP	iP	21 12 42.2	KIR	iP			18 39 11.3
		KIR	eP	21 12 36					Kuril Islands (= N).
		UME	iP	21 12 36.3	"	27	UPP	eP	18 40 08
				Myanmar (h = N).	KIR	iP			18 39 53.9
"	26	UPP	iPKP1	04 31 01.4	UME	iP			18 40 03.2
		KIR	ePKP	04 30 46					Sulu Archipelago (h = 25 km).
		UME	iPKP	04 30 53.4					
				Kermadec Islands region (h = N).					

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994			
Nov.	28	UPP iP KIR iP Southern Xinjiang, China (h = N).	04 08 34.7 04 08 28.4	Nov.	30	UPP iPdiff UME eP Banda Sea (h = N).	08 57 19.0 08 57 18
"	29	UPP iP P Z' 0.2 1.0 KIR iP P Z' 0.1 1.0 UME iP Greece (h = 20 km). m = 5.4 (UPP,KIR).	14 35 13.1 micr sec 14 36 30.0 micr sec 14 35 54.8	"	30	UPP iP KIR iP Talaud Islands, Indonesia (h = N).	10 24 12.8 10 24 01.7
"	29	UPP iP P Z' 0.1 1.1 KIR iP Andreanof Islands, Aleutian Is. (h = N).	15 41 23.9 micr sec 15 40 33.1	"	30	UPP iP KIR iP Southern Greece (h = 80 km).	13 43 05.7 13 44 16.2
"	30	UPP iPg1 i iSg1 i UME iSg1 Off coast of southern Hälsingland, Sweden, 61.0°N, 17.8°E. Origin time = 00 08 05. M _L (UPP) = 2.1 (0.31) 2. Felt with maximum intensity I ₀ =IV (MM). By combination with Finnish station readings.	00 08 25.5 00 08 29.5 00 08 40.4 00 08 43.0 00 09 29.8	"	30	UPP iP KIR iP UME iP Kuril Islands (h = N).	15 09 22.6 15 08 34.3 15 08 57.5
"	30	UPP iP P Z' 0.1 1.0 KIR iP UME iP Hokkaido, Japan region (h = 110 km).	01 17 29.2 micr sec 01 16 46.0 01 17 04.9	"	30	UPP iP KIR iP UME iP South of Honshu, Japan (h = 480 km).	19 28 00.0 19 27 26.0 19 27 40.0
"	30	UPP eP KIR eP Northern Mid-Atlantic Ridge (h = 10 km).	02 38 57 02 39 27	"	30	UPP iP Off coast of central America (h = N).	22 04 05.1
"	30	UPP iPKP UME iPKP Fiji Islands region (h = 570 km).	06 55 32.1 06 55 23.3			August 15, 1996 Conny Holmqvist Ota Kulhánek Xin Pi Hossein Shomali Zhengsheng Yao	

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SEISMOLOGICAL BULLETIN

UPPSALA, KIRUNA, UMEÅ, UDDEHOLM

DELARY and MYRVIKEN

Uppsala	(UPP)	59°51.5'N,	17°37.6'E;	h = 14 m
Kiruna	(KIR)	67°50.4'N,	20°25.0'E;	h = 390 m
Umeå	(UME)	63°48.9'N,	20°14.2'E;	h = 16 m
Uddeholm	(UDD)	60°05.4'N,	13°36.4'E;	h = 240 m
Delary	(DEL)	56°28.2'N,	13°52.2'E;	h = 150 m
Myrviken	(MYV)	62°56.5'N,	14°20.8'E;	h = 345 m

DECEMBER 1 - 31, 1994

1994					1994				
Dec.	1	UPP iP	06 25 09.0		Dec.	2	UPP iP	08 07 47.0	
		UME iP	06 24 57.7				KIR eP	08 27 27	
		Banda Sea (h = 80 km).					UME iP	08 27 40.4	
							Philippine Islands region (h = 40 km).		
"	1	UPP iP	07 22 20.0		"	2	UPP iP	12 23 41.9	
		i	07 22 24.2				Minahassa Peninsula, Sulawesi		
			micr sec				(h = 35 km).		
		P	Z' 0.1 0.7				UPP iP	18 22 53.4	
		KIR iP	07 23 35.7		"	2	KIR iP	18 22 07.8	
		UME iP	07 23 03.0				UME eP	18 22 20	
		i	07 23 09.5				East of Kuril Islands (h = 45 km).		
		Greece (h = 30 km).					UPP iP	18 34 01.6	
"	1	UPP iP	07 37 42.3		"	2	KIR iP	18 33 19.9	
		UME iP	07 38 19.0				UME eP	18 33 33	
		Greece (h = N).					Kuril Islands (h = 10 km).		
"	1	UPP iPdiff	11 32 21.0		"	3	UPP iP	01 41 59.5	
		UME iP	11 32 09.7				KIR iP	01 42 36.0	
		Banda Sea (h = 140 km).					UME iP	01 42 10.8	
"	1	UPP iP	15 51 50.4				Caspian Sea (h = N).		
		KIR iP	15 53 04.8		"	3	UPP iP	06 09 21.0	
		UME iP	15 52 31.2				UME iP	06 09 38.2	
		Greece (h = 20 km).					Iran-Iraq border region (h = 80 km).		
"	1	UPP iP	21 27 33.8		"	3	UPP iP	14 53 06.6	
		East of Kuril Islands (h = N).					KIR iP	14 54 16.4	
"	2	UPP iP	00 51 55.8				UME iP	14 53 28.7	
		KIR iP	00 51 04.7				Cyprus region (h = N).		
		UME iP	00 51 31.2						
		Kuril Islands (h = 55 km).							

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994			
Dec.	4	KIR iP	05 36 25.4	Dec.	5	(cont).	
		Northern Molucca Sea (h = 55 km).				UME iP	21 21 10.6
"	4	UPP iP	06 28 12.4			Near east coast of Honshu, Japan (h = 10 km).	
		KIR iP	06 27 28.6				
		Kuril Islands (h = 40 km).		"	6	UPP iP	04 00 41.0
"	4	KIR iP	18 24 53.7			UME iP	04 00 26.5
		Off w. coast of northern Sumatera (h = 25 km).				Southern California (h = 10 km).	
"	4	KIR iP	22 06 26.5	"	6	UPP iP	06 16 21.2
		Tajikistan (h = N).				UME iP	06 16 03.1
"	4	UPP iPKP1	22 25 32.4	"	6	UPP iP	10 23 58.8
			micr sec			KIR iP	10 23 13.9
		P	Z' 0.1 0.7			UME iP	10 23 34.0
		KIR iPKP	22 25 13.9			Off coast of Hokkaido, Japan (h = N).	
			micr sec		6	UPP iP	12 21 47.7
		P	Z' 0.4 0.7			KIR iP	12 20 29.7
		UME iPKP1	22 25 22.1			UME iP	12 21 09.7
		Off e. coast of N. Island, N. Z. (h = 160 km).				Norwegian Sea (h = 10 km).	
"	5	UME iP	05 25 36.3	"	6	UPP eP	17 41 53
		Kuril Islands (h = N).				KIR iP	17 40 26.6
"	5	UPP iP	07 18 59.3			UME iP	17 41 10.7
		KIR iP	07 18 13.0			Norwegian Sea (h = 10 km).	
		Sea of Okhotsk (h = 460 km).		"	6	UPP iP	18 01 31.1
"	5	UPP iP	16 16 14.9			KIR iP	18 00 47.1
		Irian Jaya region, Indonesia (h = N).				UME iP	18 01 07.0
"	5	UPP iP	16 33 20.9			Kuril Islands (h = N).	
		KIR iP	16 32 35.7	"	6	UPP iP	22 05 29.1
		Kuril Islands (h = 35 km).				KIR iP	22 06 43.7
"	5	UPP iPKP	16 38 57.3			Greece-Albania border region (h = 25 km).	
		KIR iPKP	16 38 44.5	"	6	UPP iP	23 45 16.3
		Solomon Islands (h = 50 km).				KIR iP	23 45 07.0
"	5	UPP iP	18 35 56.2			UME iP	23 45 07.1
		KIR iP	18 35 11.8			Eastern Xizang-India border region (h = 10 km).	
		UME iP	18 35 31.9	"	7	UPP iP	21 59 14.0
		Off coast of Hokkaido, Japan (h = 70 km).				KIR eP	21 59 53
"	5	UPP iP	21 21 31.1			UME iP	21 59 27.0
						Northern Iran (h = 30 km).	

(cont).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994			
Dec.	8	UPP	iP	03 39 51.5	Dec.	9	(cont).
		KIR	iP	03 38 58.9			UDD iPg1 20 09 08.7
		UME	iP	03 39 24.5			iSg1 20 09 28.9
		Near Islands, Aleutian Islands				Närke, Sweden, 58.5°N, 15.1°E.	
		(h = N).				Origin time = 20 08 42.	
"	8	UPP	iP	10 55 19.7			M _L (UPP) = 2.1 1.
				micr sec			Felt.
			P	Z' 0.1 1.0			Rockburst at the Zinkgruvan mine.
		KIR	iP	10 55 28.9	"	10	UPP iPKP 02 12 54.7
				micr sec			KIR iPKP 02 13 10.4
			P	Z' 0.1 1.4			UME iPKP 02 13 03.0
		UME	iP	10 55 18.6			South Sandwich Islands region
		Hindu Kush region, Afghanistan				(h = 110 km).	
		(h = 200 km).					
"	8	UPP	iP	13 02 01.0	"	10	UPP iP 09 38 01.5
		KIR	iP	13 02 38.4			micr sec
		UME	iP	13 02 14.7			P Z' 0.1 0.8
		Southern Iran (h = N).				KIR iP 09 37 21.4	
						ipP 09 37 35.3	micr sec
"	8	UPP	eP	13 10 21			P Z' 0.1 0.7
		KIR	iP	13 10 27.4			UME iP 09 37 38.6
		Xizang-India border region				ipP 09 37 52.9	
		(h = 70 km).				Near east coast of Honshu, Japan	
"	8	UPP	iP	18 58 04.9			h = 50 km (KIR,UME).
		KIR	eP	18 57 18			m = 5.7 (UPP,KIR).
		Kuril Islands (h = 45 km).		"	10	UPP eP 11 32 28	
"	8	UPP	eP	19 42 22			KIR iP 11 32 10.8
		KIR	iP	19 42 21.2			Mindanao, Philippine Islands
		UME	iP	19 42 12.3			(h = 110 km).
		Southern Xinjiang, China		"	10	UPP iP 12 24 13.4 C	
		(h = 45 km).				KIR iP 12 24 35.5	micr sec
"	9	UPP	iP	01 03 28.0			P Z' 0.1 0.9
		KIR	iP	01 03 27.9			UME iP 12 24 18.8
		Southern Sumatera, Indonesia				Southwestern Pakistan (h = 55 km).	
		(h = 90 km).		"	10	UPP iP 15 36 33.9	
"	9	UPP	iPKP	19 42 58.3			KIR iP 15 36 38.7
		KIR	iPKP	19 43 11.7			micr sec
		UME	iPKP	19 43 04.0			P Z' 0.3 1.3
		South Sandwich Islands region				UME iP 15 36 39.5	
		(h = N).				Northern Colombia (h = 160 km).	
"	9	UPP	iPg1	20 09 11.7	"	10	UPP iP 16 30 23.4
			iSg1	20 09 32.7			i 16 30 45.7
			i	20 09 35.4			(cont).
		(cont).				(cont).	

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994					
Dec.	10	(cont).		Dec.	12	UPP	iP	15 19 34.0	
		UPP	iSKS				i	15 21 07.6	
						KIR	iP	15 19 41.4	
								micr sec	
			P				P	Z' 0.1 0.9	
			Mx				Z	23 24	
		KIR	iP			UME	iP	15 19 29.8	
			i			Tajikistan-Xinjiang border reg. (h = 120 km).			
								micr sec	
			P					Z' 0.1 1.0	
			P			"		Z' 4.3 1.8	
			Mx			12	UPP	i	
		UME	iP					16 01 31.6	
			i					16 01 36.5	
							UME	iSn	
								16 00 36.3	
								16 00 55.9	
		Guerrero, Mexico (h = 50 km). m = 6.9, M = 6.4 (UPP,KIR).							Off coast of central Norway, 64.3°N, 9.9°E.
									Origin time = 15 58 37.
"	11	UPP	iP						M _L (UPP) = 2.9 (0.33) 2.
		KIR	iP						By combination with Finnish station readings.
		Southern Sumatera, Indonesia (h = 50 km).							
"	11	UPP	iPKP			"			
			i			13	UPP	iP	01 02 40.7
							UME	iP	01 02 24.2
		KIR	iPKP						Taiwan region (h = N).
			iSKP1			"			
						13	UME	iP	08 36 33.5
		UME	iPKP						Near coast of Guerrero, Mexico (h = 15 km).
			iSKP1						
		South of Fiji Islands (h = 390 km).							
"	11	UPP	iP			"			
						13	UME	iP	10 15 41.1
		Kuril Islands (h = N).							Near coast of Guerrero, Mexico (h = 20 km).
"	12	UPP	eP			"			
		UME	iP			13	UME	iP	10 20 15.5
		UDD	iP						Mariana Islands region (h = 35 km).
			i			"			
		DEL	iP			13	UPP	iP	13 21 08.3
		Greenland Sea (h = 10 km).					UME	iP	13 20 39.0
								ipP	13 20 43.3
									Sakhalin Island (h = 15 km).
"	12	UPP	iP			"			
		KIR	iP			13	UPP	iP	17 41 06.8
		UME	iP				UME	iP	17 41 19.7
		Hindu Kush region, Afghanistan (h = 170 km).							Southern Iran (h = N).
"	12	UPP	eP			"			
		KIR	iP			13	UPP	iP	18 06 01.0
									Taiwan region (h = 170 km).
		Sumba region, Indonesia (h = 25 km).					"		
						14	UPP	iP	06 47 18.1
							UME	iP	06 46 53.2
									Kuril Islands (h = 25 km).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994			
Dec.	14	UPP ePKP	07 47 47	Dec.	17	UPP iP	14 08 56.2
		Solomon Islands (h = 15 km).				UME iP	14 08 52.7
"	15	UME iP	04 51 56.3			Southern Sumatera, Indonesia (h = N).	
		Gulf of Alaska (h = 40 km).		"	17	UPP iPKP	21 27 32.7
"	15	UPP iPKP1	11 40 18.0			i	21 27 35.2
		iPKP2	11 40 31.2			UME iPKP	21 27 25.0
		i	11 40 41.2			Kermadec Islands region (h = 35 km).	
			micr sec	"	18	UPP iPKP1	04 32 07.7
		Mx	Z 8.7 20			UME iPKP1	04 32 59.5
		KIR Mx	12 40			Off e. coast of N. Island, N.Z.	
			micr sec			(h = N).	
		Mx	Z 8.7 22	"	18	UPP iP	05 08 53.8
		UME iPKP	11 40 07.9			UME iP	05 08 29.3
		i	11 40 15.6			Kuril Islands (h = N).	
		Off e. coast of N. Island, N.Z.		"	18	UPP iP	11 18 58.3
		(h = N).					micr sec
		M = 6.5 (UPP,KIR).				P	Z' 0.1 1.0
"	15	UPP iP	13 33 38.0			UME iP	11 18 36.1
		UME iP	13 33 17.7			Eastern Honshu, Japan (h = 15 km).	
		Near s. coast of western Honshu		"	18	UPP i(PKP)	20 56 39.7
		(h = 360 km).				iPKP	20 56 50.1
"	15	UME iPKP1	17 17 55.1			iSKP1	20 59 33.0
		Off e. coast of N. Island, N.Z.				UME iPKP	20 56 41.8
		(h = 20 km).				iSKP1	20 59 23.0
"	15	UME iPKP2	18 51 04.1			Fiji Islands region (h = 550 km).	
		Off e. coast of N. Island, N.Z.		"	19	UPP iP	02 32 13.5
		(h = N).				UME iP	02 32 04.9
"	15	UPP iP	23 32 12.0			Southern Xinjiang, China (h = 30 km).	
		UME iP	23 32 24.3	"	19	UME iP	07 05 18.3
		Southern Iran (h = N).				Near s. coast of Honshu, Japan	
"	16	UPP iP	06 31 55.5			(h = 10 km).	
		Kuril Islands (h = N).		"	20	UPP iP	05 27 54.9
"	17	UPP iP	05 45 43.2			UME iP	05 27 31.4
		Crete (h = N).				Kuril Islands (h = N).	
"	17	UPP iP	07 34 27.7	"	20	UME iP	08 25 49.5
		i	07 34 41.8			Mindoro, Philippine Islands (h = N).	
		UME iP	07 34 03.5	"	20	UPP iP	10 39 49.5
		Off coast of Hokkaido, Japan				UME iP	10 39 34.4
		(h = 35 km).				Central California (h = 10 km).	
"	17	UPP iP	13 17 28.7				
		Crete (h = 45 km).					

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994			
Dec.	20	UPP eP UME iP	11 22 02 11 21 57.0	Dec.	23	UPP iP UME eP	16 18 07.3 16 17 47
		Southwest of Sumatera, Indonesia (h = 35 km).				Kuril Islands (h = N).	
"	20	UPP iP UME iP	15 11 11.3 15 10 45.3	"	24	UPP iP P Z'	20 56 46.3 micr sec 0.1 1.0
		Eastern Honshu, Japan (h = 90 km).				UME iP Near east coast of Kamchatka (h = 55 km).	
"	21	UPP iP	10 27 16.0			Southern Greece (h = 10 km).	
"	21	UPP iP ipP UME iP ipP	11 34 00.2 11 34 05.4 11 33 46.5 11 33 51.7	"	25	UPP iP UME iP	01 53 03.5 01 52 39.3
		Taiwan region. h = 15 km (UPP,UME).				Kuril Islands (h = 45 km).	
"	21	UPP iP UME iP	12 27 35.7 12 28 12.0	"	25	UPP iP UME iP	04 57 27.1 04 57 07.5
		Poland (h = 30 km).				Near s. coast of Honshu, Japan (h = 300 km).	
"	21	UME iP	17 56 54.0	"	25	UPP iPKP1 UME iPKP1	12 03 28.3 12 03 16.1
		Northern Molucca Sea (h = 35 km).				Kermadec Islands, New Zealand (h = 65 km).	
"	21	UPP iP	23 48 06.3	"	25	UPP iPKP	23 39 46.4
		Mindoro, Philippine Islands (h = N).				South of Fiji Islands (h = 490 km).	
"	22	UPP iP i UME iP ipP	01 10 04.8 01 10 12.0 01 09 42.4 01 09 50.9	"	26	UPP iP UME iP	03 19 06.2 03 18 38.7
		Eastern Sea of Japan (h = 30 km).				Unimak Island region (h = N).	
"	22	UPP iP UME iP	04 22 49.0 04 22 37.8	"	26	UPP iP i	14 43 46.0 14 55 24.9 14 56 36.3
		Taiwan region (h = N).				Mariana Islands region (h = N).	
"	22	UPP iP UME iP	06 07 48.4 06 07 37.8	"	26	UPP iP P Z'	14 55 23.8 micr sec 0.1 0.6
		Near s. coast of western Honshu (h = 370 km).				UME iP Afghanistan-Tajikistan bord reg. (h = 230 km). m = 5.5 (UPP,KIR).	
"	22	UPP iP UME iP	07 03 05.3 07 03 45.8	"	26	UPP iP	17 07 09.4
		Greece (h = 10 km).				Southern Xinjiang, China (h = 10 km).	
"	22	UME iP	21 40 31.8	"	27	UPP iP	01 49 05.0
		Near s. coast of Honshu, Japan (h = N).				Kuril Islands (h = 50 km).	

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994							
Dec.	27	UPP	iP	07 17 24.0	Dec.	28	(cont).				
			i	07 17 32.6			UPP	i	12 40 10		
		UME	iP	07 17 42.4					micr sec		
		Northern Mid-Atlantic Ridge (h = 10 km).						P	Z' 0.3 1.1		
								P	Z' 1.8 1.1		
"	27	UPP	iP	10 31 49.7			UME	iP	12 30 12.1		
		South of Honshu, Japan (h = N).						ipP	12 30 20.4		
							Off east coast of Honshu, Japan. h = 30 km (UPP,UME).				
"	27	UPP	iP	17 24 54.9			m = 7.0, M = 8.3 (UPP,KIR).				
		UME	iP	17 24 35.0			M calculated from Wichert records.				
		Andreanof Islands, Aleutian Is. (h = 200 km).			"	28	UPP	iP	12 58 20.4		
							Near east coast of Honshu, Japan (h = N).				
"	27	UPP	eP	17 46 16							
		UME	iP	17 45 59.7			"	28	UPP	iP	12 59 01.0
		Mariana Islands (h = N).					Off east coast of Honshu, Japan (h = N).				
"	27	UPP	iPKP1	17 52 14.5			"	28	UPP	iP	13 11 07.5
			i	17 52 15.3						micr sec	
			iPKP2	17 52 20.2					P	Z' 0.1 1.0	
							Off east coast of Honshu, Japan (h = N).				
			P	Z' 0.9 1.0							
			P	Z' 0.9 0.8							
		UME	iPKP	17 52 03.7			"	28	UPP	iP	13 39 49.6
		Kermadec Islands region (h = 210 km).							UME	iP	13 39 26.4
"	27	UPP	iP	20 53 57.2			Off east coast of Honshu, Japan (h = N).				
			i	20 54 14.1							
			P	Z' 0.1 0.6			"	28	UPP	iP	13 51 36.2
		UME	iP	20 53 31.7			Off east coast of Honshu, Japan (h = N).				
		Kuril Islands (h = 70 km). m = 6.0 (UPP,KIR).									
"	28	UPP	iP	04 05 20.1			"	28	UPP	iP	14 10 31.4
		UME	iP	04 05 06.3					UME	iP	14 10 08.9
		Qinghai, China (h = N).					Off east coast of Honshu, Japan (h = N).				
"	28	UPP	iP	12 28 15.8			"	28	UPP	iP	15 58 07.3
		UME	iP	12 28 40.8					UME	iP	15 57 45.6
							Off east coast of Honshu, Japan (h = 20 km).				
"	28	UPP	iP	12 30 35.8			"	28	UPP	iP	16 00 51.1
			i	12 30 39.1					UME	iP	16 00 27.8
			ipP	12 30 44.0			Off east coast of Honshu, Japan (h = N).				
			i	12 30 59.5							

(cont).

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994				1994			
Dec.	28	UPP iP	16 52 25.8	Dec.	28	UPP iP	22 47 18.0
		Off east coast of Honshu, Japan				UME iP	22 46 53.2
		(h = N).				Near east coast of Honshu, Japan	
						(h = 45 km).	
"	28	UPP iP	17 41 30.3	"	28	UPP iP	22 49 02.6
		UME iP	17 41 19.6				micr sec
		Mindoro, Philippine Islands				P	Z' 0.1 1.5
		(h = 160 km).				Mx	Z 22 17
"	28	UPP iP	18 27 21.0			KIR Mx	23 21
		UME iP	18 26 59.3				micr sec
		Off east coast of Honshu, Japan				Mx	Z 24 16
		(h = N).				UME iP	22 48 39.8
"	28	UPP iP	20 34 28.5			Off east coast of Honshu, Japan	
		i	20 34 39.3			(h = 10 km).	
		UME iP	20 34 14.2			M = 6.4 (UPP,KIR).	
		Off east coast of Honshu, Japan		"	28	UPP iP	23 06 01.8
		(h = 25 km).				UME iP	23 05 38.5
"	28	UPP iP	21 03 39.9			Off east coast of Honshu, Japan	
			micr sec			(h = 30 km).	
		P	Z' 0.1 1.0	"	29	UME iP	04 46 52.5
		Mx	Z 25 21			Southern Sumatera, Indonesia	
		KIR Mx	21 31			(h= 60 km).	
			micr sec	"	29	UPP iP	15 40 34.2
		Mx	Z 21 16			ipP	15 40 48.6
		UME iP	21 03 16.7			i	15 40 54.3
		Near east coast of Honshu, Japan					micr sec
		(h = 20 km).				P	Z' 0.1 1.0
		M = 6.4 (UPP,KIR).				UME iP	15 39 10.8
"	28	UPP iP	21 35 22.6			ipP	15 39 25.6
		UME iP	21 35 23.2			i	15 39 31.6
		Costa Rica (h = N).				Near east coast of Honshu, Japan.	
"	28	UPP iP	21 41 02.6			h = 55 km (UPP,UME).	
		UME iP	21 40 38.9			m = 6.0 (UPP,KIR).	
		Near east coast of Honshu, Japan		"	29	UPP iP	16 09 42.7
		(h = 40 km).				Kashmir-Xizang border region	
"	28	UPP iP	22 41 41.8			(h = N).	
		UME iP	22 41 19.0	"	29	UPP iP	16 52 23.7
		Off east coast of Honshu, Japan				Off east coast of Honshu, Japan	
		(h = N).				(h = N).	
"	28	UPP iPKP2	22 43 46.2	"	29	UPP iP	18 19 37.6
		UME iPKP1	22 43 33.9			Kuril Islands (h = N).	
		South of Kermadec Islands					
		(h = 55 km).					

UPP = Uppsala, KIR = Kiruna, UME = Umeå, UDD = Uddeholm, DEL = Delary, MYV = Myrviken

1994									(cont).
Dec.	29	UPP	iP	19 08 57.9					1994
				micr sec					Dec. 31
			P	Z' 0.1 0.6					(cont).
		UME	iP	19 08 46.2					UME i 03 08 43.0
		Sichuan, China (h = N).							Southeastern China (h = N).
"	29	UPP	iP	22 44 36.3					" 31
		Near east coast of Honshu, Japan (h = N).							UPP iPKP 03 23 37.5
									iSKP1 03 26 51.7
		UME	iPKP	03 23 27.0					UME iPKP 03 23 27.0
		Turkey (h = 10 km).							Fiji Islands region (h = 170 km).
"	30	UPP	iP	07 01 47.8					" 31
		UME	iP	07 02 11.6					UPP iPKP2 08 28 53.4
		Turkey (h = 10 km).							UME iPKP1 08 28 39.5
		West of Macquarie Island (h = 10 km).							
"	30	UPP	iP	11 28 38.7					" 31
		UME	iP	11 28 16.9					UPP iP 11 19 23.5
		Near east coast of Honshu, Japan (h = N).							Northern Molucca Sea (h = 90 km).
"	30	UPP	iP	14 15 55.8					" 31
		UME	iP	14 15 39.0					UPP iP 14 01 34.4
		Volcano Islands, region (h = 260 km).							i 14 01 48.0
									micr sec
			P	Z' 0.1 1.1					P Z' 0.1 1.1
			Mx	Z 13 19					Mx Z 13 19
"	30	UPP	iP	15 25 03.4					KIR Mx 14 30
			i	15 26 03.6					micr sec
				micr sec					Mx Z 6 15
			P	Z' 0.1 1.0					UME iP 14 01 11.4
		UME	iP	15 24 46.8					i 14 01 25.3
		Mariana Islands (h = 220 km). m = 5.8 (UPP,KIR).							Near east coast of Honshu, Japan (h = 45 km). M = 6.0 (UPP,KIR).
"	30	UPP	eP	17 45 34					" 31
		Off east coast of Honshu, Japan (h = N).							UPP iP 17 28 36.1
									UME eP 17 28 18
		Near east coast of Honshu, Japan (h = N).							
"	30	UPP	iP	18 51 10.7					" 31
		Off east coast of Honshu, Japan (h = N).							UPP iP 20 23 18.5
									UME iP 20 23 02.4
		Mariana Islands region (h = N).							
"	30	UPP	iP	21 41 48.6					" 31
		UME	iP	21 41 42.2					UPP iP 21 03 53.0
		Southern Sumatera, Indonesia (h = 100 km).							UME iP 21 03 32.3
		Near s. coast of Honshu, Japan (h = 80 km).							
"	30	UPP	iP	22 19 03.6					August 27, 1996
		UME	iP	22 18 40.8					Conny Holmqvist
		Lake Baykal region, Russia (h = 10 km).							Ota Kulhánek
									Xin Pi
"	31	UPP	iP	03 08 49.8					Zengsheng Yao
			i	03 08 53.5					
		UME	iP	03 08 39.0					