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SEISMOLOGICAL BULLETIN

IGY SUPPLEMENT

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COAST & GEODETIC SURVEY
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U. S. DEPARTMENT OF COMMERCE

Frederick H. Mueller, Secretary

COAST AND GEODETIC SURVEY—WASHINGTON

H. Arnold Karo, Director

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National Oceanic and Atmospheric Administration

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The instrumental results tabulated in this supplement are from the following seismographic stations which are located in three regions.

Antarctic

Byrd (BYRD)

South Pole (SP)

Arctic

Thule (THULE)
Greenland

Pacific

Guam (GUAM)
Mariana Islands

Koror, (KOR)
West Caroline Islands

Truk (TRUK)
East Caroline Islands

These stations were established by the Coast and Geodetic Survey for the IGY and will provide additional control for locating epicenters of teleseisms in regions inadequately covered by previously existing stations. They will also provide data for studies in regional seismicity, crustal structure and other pertinent earth science problems.

Date and Station		Phase (GCT)
Mar. 1		h m s
BYRD	eP	00 14 30
SP	iP	00 15 52
Mar. 1		
BYRD	iP	00 24 59
SP	iP	00 24 40
Mar. 1		
BYRD	eP	00 35 29
SP	iP	00 35 09
Mar. 1		
BYRD	eP	02 16 38
SP	eP	02 16 20
Mar. 1		
BYRD	eP	03 08 19
SP	eP	03 07 59
Mar. 1		
BYRD	eP	04 02 18
	i	02 23
SP	eP	04 01 58
	i	02 04
Mar. 1		
BYRD	eP	06 34 56
	i	34 57
SP	iP	06 35 33
	i	35 42
Mar. 1		
SP	e(P)	08 43 30
Mar. 1		
BYRD	iP	09 16 54
SP	iP	09 17 36
Mar. 1		
BYRD	iP	12 55 19
	i	55 40
SP	iP	12 54 42
Mar. 1		
BYRD	eP	12 58 37
SP	iP	12 58 17
Mar. 1		
BYRD	iP	16 26 53
	i(PcP)	27 14
SP	iP	16 27 28
	i	27 46
Mar. 1		
BYRD	eP	18 19 10
SP	iP	18 20 02

Date and Station		Phase (GCT)
Mar. 2		h m s
BYRD	eP	10 17 42
	e	18 50
SP	iP	10 17 11
Mar. 2		
SP	eP	11 52 07
Mar. 2		
BYRD	iP	15 06 20
SP	iP	15 07 02
Mar. 2		
THULE	iP	18 21 25
Mar. 3		
BYRD	eP	02 10 17
SP	iP	02 10 15
Mar. 3		
BYRD	iP	04 17 45
SP	iP	04 18 01
Mar. 3		
BYRD	iP	05 01 50
SP	iP	05 02 24
Mar. 3		
SP	eP	06 20 39
Mar. 3		
BYRD	eP	07 07 10
SP	iP	07 07 44
Mar. 3		
GUAM	eP	07 28 03
KOR	iP	07 27 21
	eS	31 09
THULE	iP	07 34 56
Mar. 3		
BYRD	eP	11 15 33
SP	iP	11 16 07
Mar. 3		
BYRD	iP'	16 37 44
	e	41 25
KOR	iP	16 27 47
	iPcP	28 49
SP	iP'	16 37 53
Mar. 3		
BYRD	eP'	17 30 23
	i	30 29
SP	iP'	17 30 32
Mar. 3		
SP	iP	17 26 22

Date and Station		Phase (GCT)
		h m s
SP	epP	17 27 06
Mar. 3		
BYRD	eP'	17 52 15
	i	52 23
	iPP	55 55
SP	iP'	17 52 24
	ePP	55 52
Mar. 3		
THULE	iP	18 00 25
Mar. 3		
BYRD	iP	19 21 37
SP	iP	19 22 15
	i	23 36
Mar. 4		
BYRD	eP	02 02 26
	i	02 31
SP	iP	02 03 10
	i	03 16
Mar. 4		
BYRD	iP	04 48 24
GUAM	iP	04 46 02
SP	iP	04 48 41
Mar. 4		
GUAM	eP	17 53 03
KOR	eP	17 52 59
SP	iP'	18 06 21
Mar. 5		
BYRD	eP	05 45 46
SP	iP	05 46 13
Mar. 5		
SP	iP	13 40 02
Mar. 5		
SP	eP	17 06 01
Mar. 5		
SP	eP'	20 12 58
	i	13 01
Mar. 5		
SP	eP	22 09 55
	i	09 57
Mar. 5		
SP	iP	23 26 29
Mar. 5		
BYRD	eP	23 40 21
SP	iP	23 40 48

Date and Station		Phase (GCT)
Mar. 6		h m s
SP	eP	00 21 20
Mar. 6		
BYRD	iP	03 32 35
	epP	33 36
SP	iP	03 33 07
Mar. 6		
THULE	iP	05 50 48
Mar. 6		
THULE	iP	15 56 27
Mar. 6		
BYRD	eP	18 29 21
SP	iP	18 28 58
Mar. 6		
BYRD	eP	19 47 03
SP	eP	19 46 41
Mar. 7		
SP	iP	04 44 23
Mar. 7		
BYRD	eP'	07 14 25
	iP'	14 36
	epP'	15 30
	iPP	17 47
SP	iP'	07 14 10
	epP'	15 05
THULE	eP	07 05 48
	ipP	06 54
	i(PP)	08 10
Mar. 7		
BYRD	eP	08 35 37
	eP'	39 23
	ePKKP	51 27
KOR	iP	08 23 35
	iS	25 08
	iL	25 30
	iT	31 56
SP	eP	08 35 10
	i	35 31
	ePP	39 10
	eSKS	45 37
THULE	iP	08 34 44
Mar. 7		
BYRD	eP	09 49 34
SP	iP	09 49 11
Mar. 7		
KOR	eP	11 35 40
Mar. 7		
BYRD	iP	14 11 10

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Date and Station	Phase	Phase (GCT) h m s
Mar. 7		
BYRD	iP	17 41 33
KOR	eP	17 40 14
SP	iP	17 41 53
Mar. 8		
BYRD	eP	10 30 55
SP	eP	10 30 30
	i	31 05
Mar. 8		
BYRD	eP	15 19 35
SP	eP	15 18 47
	i	19 28
Mar. 8		
SP	iP	18 19 07
	i	19 21
TRUK	eP	18 10 21
Mar. 8		
BYRD	eP	18 49 25
SP	iP	18 49 57
Mar. 8		
SP	iP	19 00 18
TRUK	iP	18 51 37
Mar. 8		
BYRD	iP	20 19 19
	epP	19 50
	ePcP	20 27
SP	iP	20 19 58
	ipP	20 28
	eP'P'	49 59
	iP'P'	50 27
Mar. 8		
SP	iP	21 56 07
Mar. 9		
BYRD	eP	07 36 32
	e	36 44
KOR	eP	07 28 10
	i	28 16
SP	iP	07 36 21
	i	36 30
TRUK	eP	07 27 22
	i(S)	30 24
	eL	31 02
Mar. 9		
BYRD	eP	07 50 42
SP	iP	07 50 27
Mar. 9		
BYRD	eP	08 22 03
SP	iP	08 22 37
Mar. 9		
BYRD	eP'	08 26 59
	ePP	30 28
SP	eP'	08 26 54
	i	27 06
	ePP	30 35
Mar. 9		
BYRD	eP	10 31 48
	iPcP	32 04
	e	35 49
KOR	iP	10 32 31
SP	iP	10 32 13
	iPcP	33 09
	iPP	34 15
	iS	40 06
	eScS	42 00
	eP'P'	11 01 29
	iP'P'	02 07
THULE	eP'	10 41 28
	ipP'	41 44
Mar. 9		
SP	i(P)	10 37 03
Mar. 9		
BYRD	eP	11 36 56
KOR	iP	11 26 06
	eS	28 11
SP	iP	11 36 28
Mar. 9		
BYRD	eP	15 11 44
SP	iP	15 12 10
Mar. 9		
BYRD	eP	16 52 31
SP	iP	16 52 02
Mar. 10		
BYRD	eP'	08 17 33
SP	iP'	08 17 36
THULE	iP	08 06 00
	ePP	07 40
Mar. 10		
BYRD	e(P')	08 21 48
SP	i(P')	08 21 00
Mar. 10		
SP	eP	08 40 54
Mar. 10		
THULE	eP	17 39 13
Mar. 10		
BYRD	eP	19 02 08
SP	eP	19 02 04
Mar. 10		
BYRD	iP	21 42 20
SP	iP	21 42 46
Mar. 11		
BYRD	eP	00 41 23
	i	42 10
	eP'	44 43
	ipP'	45 13
	ePP	46 07
	eSKS	51 51
	iSKKS	52 51
	eS	54 08
	iPKKP	55 03
	i(pPKKP)	55 30
KOR	iP	00 30 33D
	eS	34 18
	eL	36 17
	eT	50 01
SP	eP	00 40 38C
	epP	41 06
	iP'	44 40
	i	44 48
	ipP'	45 05
	iPP	45 40
	ePKKP	55 16
TRUK	iP	00 32 20D
	eS	37 45
	eT	01 04 16
Mar. 11		
THULE	iP	08 58 22
Mar. 11		
SP	eP'	09 31 11
Mar. 11		
BYRD	iP	14 10 47
	eP'P'	38 14
SP	iP	14 10 56
	eP'P'	37 52
THULE	eP'	14 17 39
TRUK	eP	14 04 38
	eS	08 48
	eL	11 19
Mar. 11		
SP	eP	15 09 24
Mar. 11		
TRUK	eP	19 29 29
	eS	31 53
Mar. 11		
BYRD	iP	21 49 00
SP	iP	21 49 31
Mar. 11		
BYRD	iP	22 52 21
SP	iP	22 51 54
Mar. 12		
THULE	eP	00 03 22
Mar. 12		
BYRD	eP	05 55 14
SP	iP	05 55 24
Mar. 12		
BYRD	eP	08 47 12
SP	iP	08 47 37
Mar. 12		
SP	iP	09 25 09
Mar. 12		
KOR	eP	14 40 43
TRUK	iP	14 39 50
	iS	42 21
Mar. 12		
KOR	iP	18 20 59
SP	iP'	18 34 43
THULE	iP	18 27 45
Mar. 13		
BYRD	eP	11 40 04
SP	iP	11 39 42
Mar. 13		
BYRD	eP	11 58 18
SP	eP	11 59 40
Mar. 13		
BYRD	iP	12 49 50
SP	iP	12 49 20
Mar. 13		
SP	iP	21 39 58
Mar. 13		
KOR	eP	23 52 28
	eL	55 02
SP	eP	00 03 23
	e	06 27
	ePP	07 24
THULE	eP	00 02 32
	iPP	06 09
TRUK	iP	23 55 29
Mar. 14		
BYRD	eP'	00 28 48
SP	eP'	00 28 22

Date and Station		Phase (GCT)
		h m s
THULE	eP	00 21 42
Mar. 14		
BYRD	iP	05 37 30
SP	iP	05 36 59
Mar. 14		
SP	e(P')	10 18 42
	i	18 49
Mar. 14		
BYRD	iP	12 41 38
SP	iP	12 42 12
Mar. 14		
SP	iP	13 58 54
Mar. 14		
BYRD	eP	17 02 54
SP	eP	17 03 23
Mar. 14		
SP	iP	22 58 58
Mar. 14		
SP	iP	23 08 09
Mar. 15		
KOR	iP	00 28 33
	iS	32 12
	eT	47 51
SP	eP'	00 42 38
THULE	eP	00 36 19
	i	36 30
Mar. 15		
SP	iP	03 38 54
Mar. 15		
SP	eP'	04 46 18
	i	47 23
Mar. 15		
THULE	eP	06 36 09
Mar. 15		
BYRD	iP	08 01 26
SP	iP	08 01 52
Mar. 15		
BYRD	eP	15 44 54
SP	iP	15 45 10
	i	46 10
TRUK	iP	15 40 28
Mar. 15		
BYRD	iP	16 06 42
SP	iP	16 07 24

Date and Station		Phase (GCT)
		h m s
Mar. 15		
SP	iP	18 18 52
Mar. 15		
BYRD	eP	19 18 50
KOR	iP	19 11 08
SP	iP	19 18 48
TRUK	iP	19 09 11
	eS	11 42
	eL	12 41
Mar. 16		
THULE	iP	02 12 18
Mar. 16		
SP	eP	10 25 59
Mar. 16		
THULE	eP	16 32 45
Mar. 17		
THULE	iP	08 31 10
Mar. 17		
TRUK	iP	20 06 29
	iS	07 56
Mar. 17		
BYRD	iP	21 52 59
KOR	iP	21 44 51
SP	eP	21 52 55
TRUK	iP	21 43 56
Mar. 18		
SP	iP'	08 53 17
Mar. 18		
BYRD	eP'	22 39 09
SP	iP'	22 39 21
	i	39 32
THULE	iP	22 28 21
	iS	34 58
TRUK	iP	22 29 12
Mar. 20		
BYRD	eP'	01 57 08
	iP'	57 20
	eSKKS	02 06 37
	eL	36 42
KOR	iP	01 48 21
SP	eP'	01 57 23
THULE	iP	01 46 23
	eS	53 00
	eScS	56 28
TRUK	iP	01 47 13
	eS	54 43
	eL	02 01 08

Date and Station		Phase (GCT)
		h m s
Mar. 20		
SP	iP	02 21 37
Mar. 20		
SP	iP	03 12 36
	i	13 11
Mar. 20		
SP	iP	05 36 36
	i	36 46
Mar. 20		
THULE	eP	06 27 05
	e(S)	30 12
Mar. 20		
BYRD	eP	14 59 19
SP	iP	14 59 17
TRUK	eP	14 51 39
	eS	55 08
Mar. 20		
BYRD	iP	17 29 30
SP	iP	17 29 37
TRUK	iP	17 22 04
Mar. 21		
BYRD	iP	13 47 37
Mar. 21		
KOR	eP	15 33 34
SP	eP	15 42 31
TRUK	eP	15 33 33
Mar. 21		
SP	iP	18 33 18
Mar. 21		
THULE	eP	18 45 58
Mar. 21		
SP	eP	21 00 39
Mar. 22		
BYRD	iP	01 13 04
GUAM	iP	01 04 54
SP	eP	02 12 44
Mar. 22		
BYRD	iP	03 09 12
SP	iP	03 09 43
Mar. 22		
BYRD	eP	06 28 32
SP	eP	06 29 07
Mar. 22		
SP	eP'	07 24 05

Date and Station		Phase (GCT)
		h m s
Mar. 22		
BYRD	iP'	10 30 22
GUAM	iP	10 20 15
KOR	iP	10 19 21
	iPP	21 03
	iS	25 38
	iScS	29 28
SP	eP	10 26 20
	iP'	30 05
	i	30 31
	ePP	31 18
	i	33 34
	eSKS	36 39
	ePKKP	40 52
THULE	iP	10 23 36
	iS	33 30
Mar. 22		
BYRD	eP'	11 27 11
KOR	eP	11 18 46
SP	eP'	11 26 57
THULE	eP	11 18 30
Mar. 22		
BYRD	eP	11 51 33
SP	iP	11 51 14
Mar. 22		
THULE	e(P)	12 43 02
Mar. 22		
BYRD	eP	14 14 59
SP	eP	14 15 14
Mar. 23		
BYRD	iP	02 31 33
SP	eP	02 30 20
	e	32 03
Mar. 23		
BYRD	iP	08 56 02
SP	iP	08 56 52
Mar. 23		
BYRD	eP'	10 33 26
GUAM	iP	10 20 01
KOR	eP	10 18 51
	eS	21 57
SP	e(P)	10 29 18
	e	32 56
THULE	iP	10 27 21
	ePP	30 35
TRUK	iP	10 21 18

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Date and Station		Phase	(GCT)
			h m s
Mar. 23			
SP		eP	15 52 53
Mar. 23			
SP		eP'	19 15 52
Mar. 23			
SP		eP'	20 32 00
Mar. 24			
BYRD		iP	01 06 45
SP		eP	01 07 04
Mar. 24			
BYRD		eP	04 16 35
SP		eP	04 17 14
Mar. 24			
SP		eP	05 15 50
Mar. 24			
SP		eP'	06 15 43
Mar. 24			
BYRD		eP	08 18 31
GUAM		eP	08 12 54
KOR		eP	08 11 11
		i(S)	13 42
SP		iP	08 18 46
TRUK		iP	08 12 15
Mar. 24			
KOR		eP	11 59 54
GUAM		eP	12 00 57
Mar. 24			
SP		eP	21 13 16
Mar. 24			
BYRD		eP	21 59 13
		ePP	22 02 50
SP		eP	21 57 38
Mar. 24			
BYRD		eP	22 22 35
SP		iP	22 20 55
Mar. 24			
BYRD		iP	23 26 05
SP		iP	23 23 50
Mar. 25			
BYRD		eP	08 35 46
SP		iP	08 36 15
Mar. 25			
SP		iP	09 19 53
Mar. 25			
KOR		eP	16 01 14
Mar. 25			
THULE		iP	18 52 26
Mar. 25			
BYRD		eP	19 13(02)
SP		eP	19 13 20
		i	13 31
Mar. 25			
BYRD		eP	20 28(17)
SP		eP	20 28 36
Mar. 25			
BYRD		iP	21 44(25)
		ipP	44(54)
GUAM		i(P')	21 54 46
KOR		iP'	21 54 56
SP		iP	21 45 15
		ipP	45 53
		iP'P'	22 14 56
Mar. 25			
BYRD		eP	23 51(15)
SP		iP	23 51 02
Mar. 26			
BYRD		eP	00 39(49)
GUAM		iP	00 30 09
		eT	49 26
SP		eP	00 39 27
		epP	39 53
THULE		eP	00 38 55
		ipP	39 21
TRUK		eP	00 31 16
Mar. 26			
BYRD		iP	07 21(41)
		i	22 16
Mar. 26			
BYRD		iP	09 39(24)
SP		iP	09 40 05
Mar. 26			
THULE		e(P)	18 41 38
Mar. 26			
SP		eP	20 03 22
Mar. 26			
BYRD		eP	23 34(59)
SP		iP	23 35 33
Mar. 27			
BYRD		eP	01 15(05)
SP		iP	01 15 27
Mar. 27			
THULE		eP	06 16 10
Mar. 27			
THULE		eP	06 43 42
Mar. 27			
BYRD		eP	14 37 06
SP		iP	14 37 45
Mar. 27			
SP		eP	21 51 02
Mar. 28			
SP		iP	00 22 55
Mar. 28			
BYRD		eP	00 36 21
GUAM		eP	00 28 08
SP		eP	00 36 04
Mar. 28			
SP		eP	04 24 23
Mar. 28			
BYRD		eP'	04 28 15
		iP'	28 30
		epP'	29 31
SP		iP'	04 28 10
		epP'	29 11
THULE		iP	04 19 47
		ipP	20 40
Mar. 28			
BYRD		iP	05 29 03
		eL	35 01
SP		iP	05 30 25
Mar. 28			
BYRD		iP	09 08 16
SP		iP	09 08 47
Mar. 28			
BYRD		eP'	12 25 11
		iP'	25 24
		ipP'	26 05
		iPP	28 36
		e	37 05
KOR		eP	12 17 28C
SP		iP'	12 25 04C
		i	25 55
THULE		iP	12 16 39D
		ipP	17 24
		ePP	19 00
		e(sPP)	20 00
		iS	25 01
		esS	26 10
Mar. 28			
BYRD		eP	14 55 58
SP		eP	14 56 33
Mar. 28			
SP		iP	17 46 45
Mar. 28			
BYRD		iP'	19 05 38
SP		eP'	19 05 34
Mar. 29			
BYRD		eP	06 31 50
		e(S)	35 22
		eL	37 28
SP		eP	06 32 08
		i	32 12
		eL	40 38
Mar. 29			
BYRD		eP	17 42 58
SP		eP	17 43 21
Mar. 30			
THULE		iP	01 57 55
Mar. 30			
BYRD		iP	14 35 59
SP		eP	14 36 33
		ipP	36 49
Mar. 30			
BYRD		eP	14 47 23
SP		iP	14 47 57
Mar. 30			
BYRD		eP	15 12 58
SP		iP	15 13 26
Mar. 30			
SP		eP	15 36 13
		i	37 15
Mar. 30			
BYRD		iP	17 42 37
SP		iP	17 43 05
Mar. 30			
THULE		eP	17 58 41
Mar. 30.			
BYRD		iP	18 22 09
SP		iP	18 21 57
Mar. 30			
BYRD		eP	18 25 19
SP		iP	18 25 08

Date and Station		Phase (GCT)	Date and Station	Phase (GCT)	Date and Station	Phase (GCT)	Date and Station	Phase (GCT)
		h m s		h m s		h m s		h m s
Mar. 30								
BYRD	iP	22 47 22						
SP	iP	22 47 57						
Mar. 30								
BYRD	iP	23 24 26						
SP	iP	23 24 11						
Mar. 31								
SP	iP	01 03 10						
Mar. 31								
THULE	eP	10 42 02						
	ipP	42 32						
Mar. 31								
KOR	iP	17 56 49						
Mar. 31								
BYRD	eP	20 00 35						
SP	eP	20 01 13						
	iP	01 15						
Mar. 31								
SP	iP	21 40 45						

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