SEISMOLOGICAL BULLETIN

IGY SUPPLEMENT

August, 1958

MSI - 212A

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Seismogram interpretations 2

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) h m s
Aug. 1		
BYRD	iP	05 48 01
KOR	eP	05 46 34
	iP	46 39
	iS	53 44
GUAM	eP	05 45 52
	iP	45 56
	epP	47 13
	iS	52 27
SP	iP	05 48 43
	epP	50 11
THUK	iP	05 44 41
	iPcP	46 46
Aug. 1		
GUAM	iP	12 33 49
KOR	iP	12 31 55
THUK	iP	12 34 40
Aug. 1		
BYRD	eP	14 37 35
GUAM	eP	14 35 34
SP	iP	14 38 05
THUK	iP	14 34 24
Aug. 1		
GUAM	iP	15 55 27
	iS	55 40
	iL	55 50
THUK	iP	15 56 54
	eS	58 08
Aug. 1		
THULE	e(P)	16 37 11
	iS	37 59
Aug. 1		
THUK	iP	16 58 57
Aug. 1		
SP	iP	17 21 47
Aug. 2		
SP	eP	03 17 44
Aug. 2		
SP	eP	05 33 56
Aug. 2		
SP	iP	19 22 36
Aug. 2		
SP	eP	21 55 36
Aug. 3		
SP	iP	00 06 38

Date and Station		Phase (GCT) h m s
Aug. 3		
BYRD	iP	01 16 03
	ipP	17 59
	isP	18 36
	iScP	19 42
	iPcS	20 10
	iS	23 54
	eScS	24 54
	eSS	28 44
GUAM	iP	01 14 33
	i	14 53
	iPcP	16 13
	ipP	17 28
	i	18 13
	iScP	21 05
	iScS	23 28
KOR	iP	01 15 02
	i	15 17
	e	19 02
	i(S)	21 54
SP	iP	01 16 33
	ipP	18 31
	eS	24 48
	eL	28 23
	eP'P'	44 36
THUK	iP	01 13 23
	ipP	14 58
	iScP	18 06
	eS	18 48
	isS	22 32
Aug. 3		
GUAM	iP	02 16 47
	iS	16 57
THUK	eP	02 19 14
Aug. 3		
GUAM	iP	05 39 22
KOR	eP	05 37 03
	eS	38 54
Aug. 3		
SP	eP	06 32 51
Aug. 3		
SP	iP	11 12 53
Aug. 3		
THUK	iP	15 13 31
Aug. 3		
SP	iP	15 54 29
Aug. 3		
THULE	eP	20 58 19
Aug. 4		
BYRD	iP	04 25 55
	eS	36 05
GUAM	iP	04 18 29
	ipP	19 05
	iPcP	21 46

Date and Station		Phase (GCT) h m s
GUAM	iS	04 22 35
	iScP	25 26
SP	iP	04 25 36
	ipP	26 05
	isP	26 28
	i	26 59
	eS	34 39
THUK	iP	04 18 42
	i	25 31
Aug. 4		
THULE	eP	06 13 32
	e(S)	14 36
	eL	15 42
Aug. 4		
SP	eP	06 39 02
Aug. 4		
THULE	eP	07 12 04
	i	12 53
	i	13 50
Aug. 4		
SP	iP	08 55 26
Aug. 4		
SP	eP	10 07 02
Aug. 4		
GUAM	eP	13 38 35
	e(S)	42 32
SP	eP	13 46 31
THUK	eP	13 37 05
	eS	39 40
Aug. 4		
GUAM	eP	16 07 27
	i	07 43
	iS	11 11
SP	iP	16 16 11
THUK	iP	16 08 12
	i	09 07
Aug. 4		
BYRD	iP	17 40 16
SP	iP	17 40 50
Aug. 4		
SP	iP	21 06 51
Aug. 5		
SP	iP	00 34 05
Aug. 5		
KOR	iP	02 53 43
SP	eP	02 55 53
Aug. 5		
BYRD	iP	03 05 05

Date and Station		Phase (GCT) h m s
SP	iP	03 03 13
Aug. 5		
SP	iP	03 09 31
Aug. 5		
SP	eP	04 13 24
Aug. 5		
BYRD	iP	09 20 23
SP	iP	09 20 55
Aug. 5		
GUAM	iP	11 57 05
	iS	57 21
Aug. 5		
BYRD	eP	15 59 18
SP	eP	15 58 59
Aug. 5		
BYRD	eP	17 32 00
GUAM	eP	17 31 19
SP	eP	17 32 38
THUK	iP	17 30 10
Aug. 5		
SP	eP	20 55 07
Aug. 5		
SP	eP	21 22 36
Aug. 5		
THULE	eP	21 28 03
Aug. 5		
SP	iP	21 38 14
Aug. 6		
BYRD	iP	01 26 05
SP	iP	01 26 22
Aug. 6		
THULE	eP	02 23 28
Aug. 6		
BYRD	iP	02 46 25
SP	iP	02 47 11
Aug. 6		
BYRD	iP	02 59 43
SP	iP	03 00 21
Aug. 6		
SP	eP	04 37 57
Aug. 6		
BYRD	eP	04 52 19
SP	eP	04 50 55

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Date and Station		Phase	(GCT) h m s
Aug. 6			
SP		iP	06 54 09
Aug. 6			
GUAM		iP'	10 10 21
		i	10 33
		epP'	12 53
KOR		eP'	10 10 52
SP		iP	10 01 20
		ipP	03 12
		eeP	03 38
		e	11 12
TRUK		eP'	10 09 57
		ipP'	12 47
Aug. 6			
BYRD		iP	14 35 35
SP		eP	14 35 41
Aug. 6			
GUAM		iP	16 34 05
		iS	34 34
		i	34 42
		i	36 24
		i	37 23
TRUK		iP	16 35 24
		eS	36 48
Aug. 6			
BYRD		iP	21 20 11C
		ePP	23 01
		iS	29 09
		eScS	30 12
		eL	38 05
GUAM		iP	21 18 19C
		i	18 34
		iPcP	19 34
		iPP	20 32
		e	22 06
		eScS	28 13
KOR		iP	21 19 01
SP		iP	21 20 46C
		ePP	22 43
		eS	30 16
		eP'P'	48 10
TRUK		iP	21 17 05
		i	19 02
Aug. 6			
BYRD		iP	22 02 30
KOR		eP	21 58 06
SP		iP	22 02 45
		iPcP	02 57
		ipP	03 16
TRUK		iP	21 56 12

Date and Station		Phase	(GCT) h m s
Aug. 7			
SP		iP	05 58 31
Aug. 7			
BYRD		eP	15 38 58
SP		eP	15 39 38
Aug. 7			
GUAM		iP	16 01 25
TRUK		iP	16 03 03
		e(S)	04 29
Aug. 7			
SP		eP	22 25 38
Aug. 8			
TRUK		iP	06 41 50
		i(S)	42 05
		iL	42 09
Aug. 8			
GUAM		eP	06 50 38
		e(S)	55 13
Aug. 8			
TRUK		eP	07 46 06
		i	46 09
Aug. 8			
SP		eP'	07 50 47
Aug. 8			
SP		iP	13 10 47
Aug. 8			
SP		iP	15 00 44
Aug. 8			
SP		iP	17 16 31
		i	16 46
Aug. 8			
GUAM		iP	22 00 17
		iS	00 29
TRUK		eP	22 03 52
Aug. 9			
SP		eP	02 20 29
Aug. 9			
KOR		eP	06 05 11
		e	05 30
Aug. 9			
SP		eP	06 48 18
Aug. 9			
SP		eP	07 26 00
Aug. 9			
BYRD		e(P)	11 21 13
SP		eP	11 20 43
Aug. 9			
SP		iP	11 28 38

Date and Station		Phase	(GCT) h m s
Aug. 9			
SP		eP	12 35 05
Aug. 9			
BYRD		iP	12 56 08
		i	56 33
		ePP	57 45
		ePPP	58 28
SP		iP	12 55 39
		i	56 03
		ePP	57 13
		ePPP	57 52
		i(S)	13 02 13
Aug. 9			
SP		iP	17 07 09
Aug. 9			
BYRD		eP	19 33 23
SP		iP	19 33 39
Aug. 10			
KOR		eP	05 24 39
		e	25 58
		e	26 50
		eL	27 14
TRUK		eP	05 27 59
Aug. 10			
BYRD		eP	15 27 42
SP		eP	15 28 00
Aug. 10			
BYRD		eP	17 13 46
SP		eP	17 13 24
Aug. 10			
BYRD		eP	18 18 35
		eS	29 12
GUAM		eP	18 10 13
KOR		iP	18 10 35
		i	10 50
		iS	14 25
		i	15 28
SP		eP	18 18 28
TRUK		iP	18 08 35
		eS	10 29
		eL	11 32
		eT	18 33
Aug. 10			
SP		iP	19 24 12
Aug. 10			
BYRD		iP	23 36 25
SP		iP	23 36 41
Aug. 10			
GUAM		eP	23 43 38

Date and Station		Phase	(GCT) h m s
GUAM		i	23 44 11
		eS	45 18
KOR		eP	23 45 36
TRUK		eP	23 45 16
		e(S)	47 55
Aug. 11			
BYRD		iP	04 50 10
SP		iP	04 50 50
Aug. 11			
SP		iP	08 04 39
		i	04 52
TRUK		iP	07 59 26
		i	08 00 36
Aug. 11			
THULE		e(P)	19 42 51
Aug. 11			
KOR		eP	20 33 20
SP		eP	20 39 11
TRUK		eP	20 35 37
Aug. 11			
BYRD		iP	22 24 29
		epP	25 17
SP		iP	22 25 56
		ipP	26 47
Aug. 12			
BYRD		eP	07 24 02
SP		eP	07 24 44
Aug. 12			
SP		iP	07 31 44
Aug. 12			
BYRD		eP	08 22 08
SP		iP	08 23 15
Aug. 12			
SP		eP'	08 35 26
Aug. 12			
SP		iP'	15 30 46
Aug. 12			
BYRD		iP	17 06 38
KOR		eP	16 55 55
		eS	57 54
SP		iP	17 06 18
Aug. 12			
GUAM		eP	17 58 16

Date and Station		Phase (GCT)
		h m s
Aug. 12		
BYRD	iP	18 43 16
SP	iP	18 43 33
Aug. 12		
KOR	eP	19 08 56
Aug. 12		
BYRD	eP	19 17 01
SP	eP	19 16 38
	e(S)	22 00
	e(L)	23 16
Aug. 12		
BYRD	iP	19 38 30
	e	42 19
	eS	48 56
GUAM	iP	19 30 08
	e	35 13
KOR	eP	19 27 50
	i(S)	29 50
SP	eP	19 38 11
	ePP	41 51
	eS	48 44
	eL	20 15 37
TRUK	iP	19 30 48
	eS	35 33
Aug. 12		
BYRD	eP	20 12 15
SP	eP	20 12 51
	e	13 35
	e(S)	15 37
Aug. 12		
KOR	eP	21 17 08
SP	eP	21 27 14
Aug. 12		
SP	iP	21 31 37
Aug. 12		
GUAM	eP	22 42 53
	i(S)	43 09
Aug. 12		
GUAM	iP	22 43 44
	i(S)	44 02
Aug. 12		
SP	eP	22 47 18
Aug. 12		
GUAM	iP	23 03 43
KOR	eP	23 05 13
TRUK	eP	23 05 34
	eS	07 06

Date and Station		Phase (GCT)
		h m s
Aug. 12		
BYRD	iP	23 24 39
GUAM	eP	23 16 58
	eS	20 49
KOR	eP	23 17 12
	i	17 38
	i(S)	21 26
SP	iP	23 24 41
TRUK	eP	23 15 21
Aug. 13		
BYRD	e(P)	00 24 39
GUAM	eP	00 16 13
	e(S)	20 40
KOR	eP	00 16 32
SP	iP	00 24 00
Aug. 13		
SP	iP	00 24 40
Aug. 13		
SP	eP	01 11 09
Aug. 13		
GUAM	eP	03 55 37
	iPP	56 02
KOR	eP	03 53 15
	eS	55 23
TRUK	eP	03 56 14
Aug. 13		
BYRD	iP	04 03 58
	ePP	07 43
SP	iP	04 03 39
	ePP	07 09
	eS	14 11
	eL	26 29
Aug. 13		
SP	iP	07 52 32
Aug. 13		
SP	iP	10 15 20
Aug. 13		
BYRD	eP'	11 06 08
SP	eP'	11 06 11
Aug. 13		
BYRD	iP	13 15 31
Aug. 13		
BYRD	eP	13 35 48
SP	iP	13 36 30
	e	43 12

Date and Station		Phase (GCT)
		h m s
Aug. 13		
BYRD	iP'	13 57 02
SP	iP'	13 57 43
	e	14 00 05
Aug. 13		
BYRD	iP	14 59 25
KOR	eP	14 57 47
SP	iP	14 59 55
	e(S)	15 08 33
Aug. 13		
BYRD	eP	16 13 36
SP	iP	16 13 15
Aug. 13		
BYRD	iP	17 01 26
KOR	iP	17 00 33
SP	iP	17 01 56
	ipP	03 50
Aug. 13		
SP	eP	19 33 44
Aug. 13		
BYRD	eP'	20 32 08
SP	eP'	20 32 18
THULE	eP	20 21 18
	ePP	23 08
TRUK	eP	20 21 54
Aug. 13		
BYRD	iP	22 08 49
	epP	09 37
GUAM	eP	22 00 52
	eS	04 38
KOR	eP	22 01 19
	eS	05 18
SP	iP	22 08 51
	epP	09 38
TRUK	eP	21 59 18
Aug. 13		
BYRD	iP	23 32 53
SP	iP	23 33 38
	e	33 59
Aug. 14		
BYRD	eP	00 42 31
SP	iP	00 43 09
Aug. 14		
GUAM	eP	02 30 01
	eS	31 18

Date and Station		Phase (GCT)
		h m s
KOR	eP	02 32 30
THULE	eP	02 40 34
TRUK	iP	02 31 34
	iS	33 59
	eT	44 51
Aug. 14		
SP	eP	04 12 33
Aug. 14		
SP	eP	05 27 06
Aug. 14		
GUAM	eP	06 08 06
	eS	08 24
	i(L)	08 30
Aug. 14		
SP	eP	06 10 18
Aug. 14		
KOR	eP	07 12 45
	eS	14 40
Aug. 14		
SP	iP	07 35 59
Aug. 14		
KOR	eP	07 57 37
	e	57 59
Aug. 14		
BYRD	eP	09 55 31
SP	iP	09 56 07
	i	56 18
Aug. 14		
BYRD	eP'	11 46 11
SP	eP'	11 45 59
THULE	eP	11 37 18
Aug. 14		
BYRD	eP'	12 24 45
SP	eP'	12 24 46
Aug. 14		
SP	eP	12 43 45
Aug. 14		
SP	eP	12 49 23
Aug. 14		
BYRD	iP	12 55 03
SP	iP	12 55 18
Aug. 14		
BYRD	eP'	15 14 21
	iSKP	18 00
	eSKKS	23 55
	eSKSP	26 45
	eL	16 00 03

Date and Station		Phase (GCT) h m s
GUAM	eP	15 04 01
	e	04 44
	e	07 54
KOR	eP	15 05 18
	iPcP	05 56
	ePP	07 26
	eS	13 27
	eScS	15 27
	eP'P'	34 53
SP	eP'	15 14 34
THULE	iP	15 03 16
	iPP	05 01
	iS	09 48
	iL	12 00
TRUK	eP	15 04 16
	eS	11 41
Aug. 14		
KOR	iP	15 34 52
Aug. 14		
THULE	iP	15 36 42
Aug. 14		
SP	eP'	15 37 32
	e	45 28
Aug. 14		
BYRD	eP	16 55 19
SP	eP	16 55 56
Aug. 14		
SP	eP	17 54 52
Aug. 14		
SP	eP	18 05 19
Aug. 14		
BYRD	iP	22 45 31
SP	iP	22 45 48
Aug. 15		
BYRD	iP	02 39 28
GUAM	eP	02 31 31
	eS	35 37
KOR	eP	02 31 33
	e(S)	36 15
SP	iP	02 39 26
THULE	eP'	02 44 11
TRUK	eP	02 30 12
	eS	33 27
Aug. 15		
BYRD	iP	06 33 33
	ipP	34 22
KOR	eP'	06 40 19
	eSKSP	53 44

Date and Station		Phase (GCT) h m s
SP	iP	06 34 05
	ipP	34 49
THULE	iP	06 31 40
Aug. 15		
BYRD	e(P)	06 50 34
	i	51 05
SP	eP	06 50 46
Aug. 15		
GUAM	iP	13 15 16
	iS	15 30
TRUK	iP	13 17 07
	iS	18 47
Aug. 15		
SP	eP'	13 40 53
	iP'	41 01
Aug. 15		
BYRD	eP	17 11 18
Aug. 15		
SP	iP	18 51 25
Aug. 15		
BYRD	eP'	20 14 58
	ePKS	19 08
GUAM	eP	20 03 29
	eS	09 30
KOR	eP	20 04 36
	i(PPP)	07 24
	e(S)	11 48
	eL	19 36
SP	eP'	20 15 06C
	i(pP')	15 15
	iSKP	18 54
	ePKKP	26 47
THULE	iP	20 04 01D
	iS	10 48
TRUK	iP	20 04 04
	eS	10 53
Aug. 15		
BYRD	iP	22 42 28
	ipP	43 19
	iS	52 53
	iSP	53 42
GUAM	eP	22 34 07
KOR	eP	22 31 50C
SP	iP	22 42 03D
	i(pPP)	46 00
	i(sPP)	46 29
	iSKS	52 24
	i(SKKS)	52 36
	i(S)	52 51
	i(pS)	53 46
	ePKKP	58 53

Date and Station		Phase (GCT) h m s
SP	eP'P'	23 07 31
	eL	09 43
	eP'P'P'	28 19
THULE	iP	22 42 46D
	epP	43 55
	iS	53 10
TRUK	iP	22 39 50
	epP	35 51
	iS	41 27
	isS	42 48
Aug. 16		
SP	eP	01 40 45
Aug. 16		
GUAM	eP	01 46 19
	iS	47 45
KOR	iP	01 44 36
	iS	45 07
TRUK	iP	01 47 22
Aug. 16		
THULE	e(P)	03 45 12
	e	46 00
	e	46 59
	i	50 53
Aug. 16		
BYRD	eP	07 20 48
SP	iP	07 21 33
Aug. 16		
BYRD	eP	08 15(15)
SP	iP	08 15 42
Aug. 16		
GUAM	iP	09 58 32
	iS	58 40
Aug. 16		
BYRD	eP	11 24 56
KOR	eP	11 23 37
SP	iP	11 24 30
	eS	33 20
Aug. 16		
BYRD	iP	12 20 05
SP	eP	12 20 39
Aug. 16		
BYRD	iP	13 35 33
SP	iP	13 35 15
Aug. 16		
BYRD	eP'	13 37 03
	e	40 44
GUAM	eP	13 26 25

Date and Station		Phase (GCT) h m s
KOR	eP	13 23 56
	i	25 17
SP	eP'	13 37 18
	e	40 57
THULE	iP	13 26 01
	ePcP	27 44
	i	31 36
	eS	32 37
	eL	35 58
TRUK	eP	13 26 56
	i(S)	33 09
Aug. 16		
BYRD	iP	16 01 15
SP	eP	16 01 51
Aug. 16		
GUAM	iP	16 42 20
	iS	42 40
TRUK	eP	16 44 03
	eS	45 46
Aug. 16		
SP	eP'	18 19 46
Aug. 16		
BYRD	eP	18 21 09
SP	eP	18 20 53
Aug. 16		
BYRD	eP'	19 33 00
	e	36 39
KOR	eP	19 26 15
	eS	36 30
SP	eP'	19 32 43
	e(PP)	34 34
	eSKS	39 38
	eSKKS	41 19
	eSKKKS	41 47
	eL	20 14 25
THULE	iP	19 24 05C
	iS	32 35
TRUK	iP	19 26 22
	ePP	30 14
Aug. 16		
GUAM	iP	21 21 12
	eS	21 44
Aug. 16		
KOR	eP	21 35 40
	e(S)	38 03
Aug. 16		
BYRD	eP	22 37 48
	iP	37 53
GUAM	iP	22 30 39

Date and Station		Phase (GCT)
		h m s
KOR	eP	22 28 38
	e(S)	31 04
SP	eP	22 38 10
Aug. 16		
BYRD	iP	23 44 17
SP	eP	23 44 06
Aug. 17		
BYRD	eP	00 28 29
SP	eP	00 29 47
Aug. 17		
SP	iP	02 12 39
Aug. 17		
THULE	eP	04 55 58
Aug. 17		
KOR	eP	09 18 41
SP	eP'	09 28 00
THULE	eP	09 16(46)
	iPP	18(30)
TRUK	eP	09 17 39
Aug. 17		
SP	eP'	11 10 06
Aug. 17		
SP	eP'	11 35 36
Aug. 17		
SP	eP	12 33 34
	iP	34 01
Aug. 17		
SP	eP'	12 39 39
Aug. 17		
BYRD	eP	13 48(30)
SP	iP	13 48 49
Aug. 17		
SP	iP	16 06 06
Aug. 17		
BYRD	eP	18 13 59
	iS	24 39
GUAM	eP	18 05 08
	iS	08 16
KOR	eP	18 04 49
	eL	10 05
SP	eP	18 13 52
	ePP	17 41
	eS	24 26
TRUK	eP	18 04 04
	e(S)	06 35

Date and Station		Phase (GCT)
Aug. 17		h m s
KOR	eP	21 21 23
TRUK	iP	21 20 11
	i	20 04
Aug. 18		
GUAM	iP	18 29 13
	iS	30 14
Aug. 17		
BYRD	eP	19 30 42
KOR	eP	19 19 36
	iS	21 29
SP	eP	19 30 21
Aug. 17		
BYRD	iP	21 20 02
SP	iP	21 20 36
	iPcP	21 40
	eS	28 17
Aug. 17		
BYRD	eP	21 47 15
SP	eP	21 47 55
Aug. 17		
BYRD	iP	22 25 38
SP	iP	22 26 11
Aug. 18		
SP	iP	04 04 10
Aug. 18		
SP	iP	07 44 43
Aug. 18		
BYRD	iP	10 29 40
SP	eP	10 30 14
THULE	iP	10 27 51
Aug. 18		
BYRD	e(P)	11 22 26
Aug. 18		
THULE	eP	12 28 04
Aug. 18		
SP	eP'	15 38 46
THULE	iP	15 28 36
Aug. 18		
KOR	eP	15 43 21
	eS	44 54
Aug. 18		
THULE	iP	16 38 08
Aug. 18		
TRUK	iP	18 30 21

Date and Station		Phase (GCT)
Aug. 18		h m s
TRUK	iP	21 46 05
	i(S)	46 22
Aug. 19		
SP	iP'	00 12 56
Aug. 19		
TRUK	eP	02 07 50
Aug. 19		
BYRD	eP	03 17 43
SP	eP	03 17 33
Aug. 19		
BYRD	eP	04 56 40
KOR	eP	04 54 24
SP	eP	04 57 06
TRUK	iP	04 53 36
	eL	05 04 58
Aug. 19		
SP	eP	08 14 28
Aug. 19		
KOR	eP	09 57 24
Aug. 19		
BYRD	iP	13 57 31
SP	eP	13 56 48
Aug. 19		
SP	eP'	16 13 45
Aug. 19		
BYRD	eP'	16 25 27
SP	eP'	16 25 40
Aug. 19		
BYRD	eP'	16 48 58
SP	iP'	16 49 06
	ePP	52 26
Aug. 19		
TRUK	iP	17 14 23
Aug. 19		
GUAM	iP	21 41 22
	iS	41 32
Aug. 19		
BYRD	eP	22 01 05
GUAM	iP	21 51 46
KOR	iP	21 52 13
	eT	22 08 56
SP	eP	22 01 05
TRUK	iP	21 50 14
	eS	51 49

Date and Station		Phase (GCT)
		h m s
TRUK	eL	21 52 52
	eT	57 04
	iT	58 51
Aug. 19		
BYRD	iP	23 08 10
KOR	eP	22 59 19
	e	23 00 58
SP	iP	23 08 09
TRUK	iP	22 57 20
	eS	59 30
	eT	23 05 32
	iT	06 05
Aug. 20		
BYRD	iP	01 18 19
SP	iP	01 18 50
	e	20 53
Aug. 20		
BYRD	iP	03 21 51
SP	iP	03 22 33
Aug. 20		
BYRD	iP	03 51 38
	iS	04 01 10
KOR	eP	03 47 31
SP	iP	03 51 54
	eS	04 01 41
THULE	e(P)	03 55(34)
TRUK	iP	03 45 42
	eS	50 33
Aug. 20		
SP	iP	05 13 55
TRUK	iP	05 03 04
	eS	03 36
	eT	10 37
	iT	11 49
Aug. 20		
TRUK	iP	05 28 59
	e	37 48
Aug. 20		
BYRD	iP	07 28 48
SP	iP	07 28 31
Aug. 20		
KOR	iP	08 50 45
Aug. 20		
BYRD	iP	09 05 09
SP	eP	09 04 57

Date and Station		Phase (GCT) h m s
Aug. 20		
SP	iP	09 39 39
	i	39 52
Aug. 20		
SP	eP	10 00 27
Aug. 20		
SP	eP	10 07 48
Aug. 20		
SP	eP	16 05 36
Aug. 20		
SP	eP	16 10 27
Aug. 20		
BYRD	eP	17 40 41
SP	eP	17 41 28
Aug. 20		
SP	eP	17 50 28
Aug. 20		
BYRD	eP	22 01 39
SP	iP	22 01 47
Aug. 20		
KOR	iP	22 52 12
SP	iP	23 00 15
Aug. 21		
BYRD	iP	00 23 02
	iPcP	23 34
	ipP	24 19
SP	iP	00 23 36
	iPcP	23 54
	iSP	24 54
Aug. 21		
TRUK	iP	00 48 18
	eS	50 11
	eT	57 24
Aug. 21		
BYRD	eP	01 19 13
SP	iP	01 19 50
Aug. 21		
SP	eP	03 24 17
Aug. 21		
BYRD	eP	04 13 41
SP	iP	04 14 17
	i	14 35
Aug. 21		
KOR	iP	04 31 06

Date and Station		Phase (GCT) h m s
Aug. 21		
KOR	eP	05 36 10
Aug. 21		
SP	iP	08 37 16
	epP	39 06
Aug. 21		
BYRD	iP'	12 12 36
SP	iP'	12 12 33
Aug. 21		
BYRD	eP'	12 38 13
SP	eP'	12 38 23
Aug. 21		
BYRD	eP	13 49 47
SP	eP	13 49 46
Aug. 21		
BYRD	eP	15 18 46
SP	eP	15 17 36
Aug. 21		
BYRD	iP	21 09 37
	ipP	10 31
	iS	18 05
GUAM	iP	21 07 46
	iScP	07 38
SP	iP	21 10 10
	ipP	11 04
	eS	19 15
TRUK	iP	21 06 40
	iPcP	08 35
Aug. 22		
SP	eP	00 09 06
Aug. 22		
BYRD	iP	01 50 47
SP	iP	01 51 19
Aug. 22		
BYRD	iP	10 07 58
SP	iP	10 08 14
	epP	08 43
Aug. 22		
BYRD	iP	12 29 51
SP	eP	12 30 45
Aug. 22		
BYRD	eP	14 42 15
SP	eP	14 42 00

Date and Station		Phase (GCT) h m s
Aug. 22		
SP	eP'	20 53 07
Aug. 22		
BYRD	eP	22 29 06
	ipP	29 36
	eS	39 09
GUAM	iP	22 21 12
KOR	iP	22 21 17
	eS	24 58
SP	iP	22 29 09
	ipP	29 35
	eS	39 18
TRUK	eP	22 19 51
	iP	19 59
	eS	22 20
	eL	23 37
Aug. 22		
SP	iP	23 29 08
Aug. 23		
BYRD	iP	01 44 23
SP	iP	01 44 38
Aug. 23		
BYRD	iP	05 43 06
SP	eP	05 43 45
Aug. 23		
SP	iP	07 01 23
Aug. 23		
BYRD	iP	08 11 00
SP	iP	08 11 13
Aug. 23		
BYRD	iP	10 02 54
SP	iP	10 03 28
Aug. 23		
BYRD	eP	16 23 35
SP	eP	16 22 29
Aug. 23		
SP	eP	18 09 10
Aug. 23		
BYRD	eP	20 39 00
SP	eP	20 38 25
Aug. 23		
SP	eP'	22 16 19
Aug. 23		
SP	eP	22 26 18

Date and Station		Phase (GCT) h m s
Aug. 23		
BYRD	iP	23 09 20
Aug. 24		
SP	iP	00 58 40
Aug. 24		
SP	eP'	00 59 12
Aug. 24		
SP	eP	04 01 18
Aug. 24		
BYRD	iP	04 32 55
SP	iP	04 33 39
Aug. 24		
SP	eP'	08 21 31
Aug. 24		
SP	iP	08 29 20
Aug. 24		
BYRD	iP	10 27 54
Aug. 24		
BYRD	iP	10 40 18
SP	iP	10 40 52
Aug. 24		
BYRD	iP	13 19 58
	e	20 32
	e	25 01
SP	iP	13 20 37
Aug. 24		
GUAM	iP	16 59 24
KOR	iP	16 57 51
	eS	17 00 41
SP	iP'	17 11 39
	epP'	12 20
Aug. 24		
SP	eP	17 04 39
Aug. 24		
BYRD	e(P)	17 23 34
	e	24 38
SP	eP	17 23 29
Aug. 25		
SP	eP'	04 23 44
Aug. 25		
BYRD	eP	05 27 30
SP	eP	05 28 39
Aug.		
SP	iP	06 38 04

Date and Station		Phase (GCT)
		h m s
Aug. 25		
BYRD	eP	08 37 11
SP	iP	08 37 33
	i	37 45
Aug. 25		
SP	eP'	13 45 28
	iP'	45 32
Aug. 25		
BYRD	eP	20 56 32
SP	eP	20 57 27
Aug. 25		
BYRD	eP	23 11 14
	e	12 21
SP	eP	23 11 47
Aug. 25		
THULE	eP	23 46 36
Aug. 26		
BYRD	iP	01 05 06
SP	iP	01 05 45
Aug. 26		
BYRD	iP	01 32 42
SP	iP	01 32 28
Aug. 26		
GUAM	iP	04 09 49
	iS	10 01
Aug. 26		
BYRD	e(P)	07 01 44
	iP	01 49
SP	iP	07 01 29
Aug. 26		
BYRD	eP	11 08 23
SP	iP	11 08 40
Aug. 26		
BYRD	iP	12 32 16
SP	eP	12 32 28
	iP	32 32
Aug. 26		
BYRD	eP	12 56 34
SP	eP	12 56 52
Aug. 26		
BYRD	iP	13 28 20
SP	iP	13 28 36

Date and Station		Phase (GCT)
		h m s
Aug. 26		
BYRD	e(P)	13 35 31
	i	37 03
SP	eP	13 35 39
	e	37 41
Aug. 26		
BYRD	iP	14 53 32
	i	54 11
SP	iP	14 52 58
	e	53 36
Aug. 26		
BYRD	iP	16 09 28
SP	iP	16 09 44
Aug. 26		
BYRD	iP	18 07 09
SP	eP	18 07 24
TRUK	iP	18 01 12
Aug. 26		
TRUK	iP	19 02 56
	eS	03 54
Aug. 26		
BYRD	iP	23 34 53
SP	iP	23 35 08
Aug. 26		
BYRD	iP	23 43 12
SP	iP	23 43 27
TRUK	eP	23 37 15
	eS	42 10
	eL	45 49
Aug. 26		
BYRD	iP	23 46 47
SP	iP	23 47 02
Aug. 26		
BYRD	eP	23 56 41
SP	eP	23 56 58
Aug. 27		
SP	iP	00 09 16
Aug. 27		
BYRD	iP	00 54 52
SP	iP	00 55 02
Aug. 27		
BYRD	eP	01 01 16
SP	eP	01 01 25

Date and Station		Phase (GCT)
		h m s
Aug. 27		
BYRD	iP	02 37 26
SP	iP	02 38 18
Aug. 27		
SP	eP	05 14 23
Aug. 27		
BYRD	iP	08 32 14
Aug. 27		
BYRD	eP'	13 28 23
	iP'	28 33
	iSKP	32 04
SP	iP'	13 28 31
THULE	eP	13 17(37)
Aug. 27		
BYRD	eP	14 05 06
SP	iP	14 05 40
Aug. 27		
TRUK	eP	15 03 38
	iS	05 36
Aug. 27		
BYRD	eP'	15 35 52
	iPP	38 29
	iPKS	39 33
SP	eP'	15 35 37
	iPP	37 37
THULE	iP	15 25(59)
	eS	32(28)
Aug. 27		
BYRD	eP	19 05 48
SP	eP	19 05 47
Aug. 28		
TRUK	eP	09 06 33
	e	08 16
Aug. 28		
BYRD	eP	09 44 58
SP	iP	09 45 49
Aug. 28		
BYRD	iP	14 38 22
SP	iP	14 39 08
Aug. 28		
BYRD	eP	17 50 19
Aug. 28		
BYRD	eP	18 35 05
SP	eP	18 35 17
	i	36 22

Date and Station		Phase (GCT)
		h m s
Aug. 29		
SP	eP	02 12 45
Aug. 29		
SP	eP	02 27 33
Aug. 29		
SP	iP	02 33 36
Aug. 29		
BYRD	iP	12 35 58
SP	iP	12 36 14
TRUK	eP	12 30 02
Aug. 29		
BYRD	iP	13 03 31
SP	iP	13 03 46
Aug. 29		
BYRD	eP	13 06 07
SP	eP	13 06 24
Aug. 29		
BYRD	eP	13 50 04
SP	iP	13 49 45
Aug. 30		
BYRD	eP	00 03 35
SP	eP	00 02 22
Aug. 30		
BYRD	eP	03 43 48
SP	eP	03 43 42
Aug. 30		
SP	eP	07 17 45
Aug. 30		
BYRD	eP	10 28 59
SP	eP	10 30 34
Aug. 30		
BYRD	iP	12 39 52
SP	iP	12 40 22
	e	42 19
Aug. 30		
BYRD	eP	14 00 03
SP	eP	14 00 16
Aug. 30		
BYRD	iP	14 44 03
KOR	eP	14 36 23
SP	iP	14 44 03

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
Aug. 30							
TRUK eP	16 02 13						
eS	03 30						
Aug. 30							
BYRD eP	18 09 05						
Aug. 30							
SP eP'	18 57 09						
Aug. 30							
SP iP	22 42 03						
Aug. 30							
SP eP'	23 48 45						
Aug. 31							
BYRD eP	06 57 05						
SP eP	06 56 59						
Aug. 31							
BYRD eP	06 58 50						
SP eP	06 58 15						
Aug. 31							
BYRD eP	10 37 04						
SP iP	10 36 07						
Aug. 31							
SP eP'	15 44 28						
iP'	44 31						
Aug. 31							
BYRD iP	16 31 44						
SP iP	16 31 58						
Aug. 31							
BYRD eP'	23 19 45						
SP iP'	23 20 03						
Aug. 31							
BYRD iP	23 37 25						
SP iP	23 38 00						