

PRELIMINARY SEISMOLOGICAL REPORT
OF
CENTRAL STATION "PEKING" AND AUXILIARY STATIONS

1 - 31, January 1961

dm
✓ 2.I

Zose	+iP	10 22 02
	pP	22 19
	sP	22 30
	iS	30 16
Canton	+iP	22 14
	pP	22 32
	sP	22 42
	iS	30 39
Nanking	+iP	22 17
	pP	22 34
	sP	22 44
	S	30 44
Chengchun	+iP	22 42
	pP	23 00
	iS	31 33
Peking	+iP	22 58
	pP	23 15
	sP	23 27
	iS	32 03
Sian	+iP	23 11
Kunming	+iP	23 14
	pP	23 31
	sP	23 42
	iS	32 35
Chengtu	+iP	23 20
	pP	23 37
	sP	23 49
	iS	32 45
Lanchow	+iP	23 27
	sP	23 54
Lhasa	+iP	24 16
	pP	24 36
	sP	24 45

Epc: Santa Cruz Is.
O: 10-11-51
h: 70km
M: 7

JAN. }
FEB. } Punched
MAR. } 29-9-65
ARR. } S.

May } finished
June } R.D.
16/12/65

✓ 3.I

Canton	eP	11 47 23
Zose	eP	48 05
Nanking	+iP	48 17
	e(S)	54 15
Kunming	+iP	48 26
Chengtu	+P	48 53
Peking	+P	49 22
	e(S)	56 12
Lanchow	+iP	49 30
	sS	56 23
Changchun	eP	49 39
Lhasa	+iP	49 50
	S	57 01

Epc: Banda Sea,
O: 11-40-52±

✓ 5.I	Changchun	+iP	14 13 56	Epc: Aleutian Is.
		PP	15 30	O: 14-06-31
		iS	19 52	M: 6 $\frac{3}{4}$
	Peking	+iP	15 00	
		(PP)	16 35	
		S	21 45	
	Zose	+iP	15 22	
		PP	17 17	
		iS	22 30	
	Nanking	+iP	15 28	
		(PP)	17 18	
		iS	22 37	
	Sian	+iP	16 03	
	Lanchow	+iP	16 15	
		iS	24 04	
	Canton	+iP	16 37	
		PP	18 56	
		S	24 49	
	Chengtu	+iP	16 39	
		PP	18 58	
		iS	24 51	
	Kunming	+iP	17 12	
		PP	19 37	
		iS	25 53	
	Lhasa	+iP	17 36	

✓ 5.I	Canton	+iP	16 01 24	Epc: 5°S, 144°E
		pP	01 57	O: 15-54-00
		sP	02 10	h: 140km
		S	07 20	M: 7
	Zose	+iP	01 34	
		pP	02 08	
		sP	02 20	
		S	07 38	
	Nanking	+iP	01 51	
		pP	02 23	
		sP	02 33	
		iS	08 07	
		sS	09 03	
	Kunming	+iP	02 39	
		pP	03 13	
		sP	03 26	
		PP	04 34	
		iS	09 35	
		sS	10 31	
	Sian	+iP	02 48	
	Peking	P	02 48	
		pP	03 22	
		sP	03 36	
		eS	09 54	
	Changchun	+iP	02 48	
		pP	03 22	

✓ 5.I Changchun (Continued) sP 16 03 36
 PP 04 48
 iS 09 55
 Chengtu +iP 02 53
 pP 03 26
 sP 03 40
 PP 04 37
 iS 10 01
 Lanchow +iP 03 19
 Lhasa +iP 04 00
 pP 04 34
 sP 04 47
 S 12 01

✓ 5.I Zose P 18 08 58
 iS 18 07
 Canton eP 09 03
 iS 18 17
 Nanking +iP 09 12
 S 18 36
 Changchun +iP 09 38
 iS 19 25
 Peking +P 09 51
 iS 19 51
 Kunming +iP 09 58
 iS 20 03
 Sian +iP 10 00
 Chengtu +iP 10 06
 iS 20 20
 Lanchow +iP 10 23
 Lhasa +iP 10 54

Epc: S. New Hebrides.
 O: 17-57-45
 M: 7

✓ 5.I Zose +iP 18 25 45
 S 34 54
 Canton +iP 25 49
 S 35 02
 Nanking +P 25 59
 iS 35 21
 Changchun +iP 26 25
 iS 36 11
 Peking +iP 26 37
 iS 36 37
 Kunming +iP 26 44
 iS 36 48
 Chengtu +iP 26 51
 iS 37 03
 Lanchow +iP 27 09
 iS 37 35

Epc: New Hebrides.
 O: 18-14-33
 M: 7½

✓ 6.I Chengchun e 06 29 04
 Peking i 30 08

✓ 6.I ^(font) Zose e 06 30 29
 Nanking e 30 35
 Lanchow e 31 23
 Chengtu P 31 48
 Kunming +i 32 20

out of order

✓ 6.I Changchun P 01 23 45
 Peking eP 25 10
 Zose eP 25 21
 eS 29 19
 Nanking eP 25 26
 Lanchow P 26 53
 Chengtu eP 27 12
 Kunming -iP 27 48
 Lhasa eP 28 39

Epc: Japan.
 O: 01-20-24±

✓ 7.I Kunming e 18 36 06
 i 39 25
 Lanchow e 36 13
 Nanking i 36 28
 Zose i 36 29
 Peking i 36 42
 Changchun i 36 47

✓ 8.I Canton -iP 01 20 34
 Zose eP 21 11
 Nanking eP 21 25
 Kunming eP 21 52
 Chengtu eP 22 13
 eS 27 45
 Peking eP 22 33
 Lanchow -iP 22 50
 S 28 49
 Changchun eP 22 52
 Lhasa P 23 26
 S 29 55

Epc: 4°N, 129°E
 O: 01-15-20

✓ 8.I Canton -P 03 01 44
 S 05 59
 Zose -P 02 21
 S 07 05
 Nanking P 02 34
 eS 07 28
 Kunming eP 03 01
 eS 08 17
 Chengtu eP 03 23
 PP 04 48
 S 08 56
 Peking eP 03 43
 S 09 33
 Lanchow eP 03 56
 eS 09 55

Epc: 4°N, 123°½E
 O: 02-56-27
 M: 5½

✓ 8.I *Cont.*

Changchun	eP	03 04 03
	eS	10 04
Lhasa	eP	04 33
	S	11 01

✓ 10.I

Changchun	+P	14 27 10
	iS	31 00
Peking	+P	28 24
	S	33 11
Zose	+iP	28 47
	iS	33 59
Nanking	+iP	28 54
	S	34 07
Lanchow	+iP	29 54
Canton	+iP	30 18
	PP	32 03
	eS	36 38
Chengtu	+iP	30 19
	iS	36 39
Kunming	iP	30 57
	PP	32 50
	iS	37 46
Lhasa	-iP	31 32
	PP	33 33
	S	38 50

Epc: 50°N, 155° $\frac{1}{3}$ E
 O: 14-22-25
 M: 6 $\frac{1}{2}$

✓ 11.I

Changchun	+iP	12 07 47
	S	13 08
Peking	P	08 48
	S	16 01
Zose	P	09 11
	S	16 40
Sian	+iP	09 48
Lanchow	+iP	10 02
	S	18 18
Canton	+P	10 25
	S	19 02
Chengtu	+iP	10 26
	iS	19 00
Kunming	+iP	10 57
	PP	13 28
	iS	20 02
Lhasa	+iP	11 20
	PP	14 03
	S	20 41

Epc: Aleutian Is.
 O: 11-59-51
 M: 6-

X

13.I

Zose	eP	07 50 14
Changchun	P	50 24
	S	53 46
Nanking	eP	50 41
Peking	eP	51 08
	eS	55 10
Chengtu	eP	52 41

Epc: 31° $\frac{1}{3}$ N, 142° $\frac{1}{2}$ E
 O: 07-46-09

✓ 14.I Changchun +iP 16 47 20 Epc: Aleutian Is.
 PP 49 08 O: 16-38-53
 S 54 06 M: 6
 Zose P 48 43
 S 56 38
 Nanking +P 48 46
 Sian +iP 49 16
 Lanchow +iP 49 25
 Chengtu +iP 49 51
 S 58 48
 Canton eP 49 54
 eS 58 54
 Kunming +iP 50 21
 (PP) 53 01
 S 59 46
 Lhasa P 50 39
 S 17 00 17

✓ 15.I Changchun P 11 56 30 Epc: 39°¹/₂N, 144°¹/₂E
 Zose eP 57 35 O: 11-52-50±
 S 12 01 25
 Peking e 11 57 44
 Nanking eP 57 48
 eS 12 01 47
 Lanchow P 11 59 24

✓ 15.I Zose eP 16 55 37 Epc: New Hebrides Is.
 sP 56 07 O: 16-44-40
 eS 17 04 33 h: 70km
 Canton eP 16 55 43 M: 6¹/₄
 sP 56 10
 S 17 04 43
 Nanking eP 16 55 51
 sP 56 21
 S 17 04 59
 Changchun -iP 16 56 15
 sP 56 45
 S 17 05 49
 Sian +iP 16 56 27
 Peking -P 56 29
 sP 58 59
 S 17 06 14
 Kunming -P 16 56 36
 sP 57 07
 iS 17 06 29
 Chengtu eP 16 56 46
 sP 57 16
 iS 17 06 45
 Lanchow -iP 16 57 01
 sP 57 33
 S 17 07 11
 Lhasa eP 16 57 33

✓ 16.I Changchun	+iP	07 23 38	Epc: 36°N, 142°E O: 07-20-07 M: 6 $\frac{3}{4}$ - 7
	iS	26 24	
Dairen	P	23 58	
Zose	+iP	24 17	
Nanking	+iP	24 34	
Peking	+iP	24 45	
	iS	28 30	
Sian	+iP	25 49	
Canton	+iP	25 58	
	(PP)	26 52	
	(S)	30 37	
Lanchow	+iP	26 22	
Chengtu	+iP	26 32	
	iPP	27 42	
	iS	31 42	
Kunming	+iP	27 02	
	iPP	28 22	
	iS	32 34	
Lhasa	iP	28 09	

✓ 16.I Changchun	+iP	11 23 03	Epc: 36°N, 142°E O: 11-19-34 M: 5 $\frac{3}{4}$ - 6 (余震)
	S	25 48	
Zose	+P	23 41	
Nanking	eP	24 00	
	PP	24 17	
Peking	+iP	24 10	
	PP	24 33	
	S	27 55	
Sian	+iP	25 14	
Canton	+P	25 23	
	PP	26 14	
	S	30 01	
Lanchow	+iP	25 48	
Chengtu	S	30 48	
	+iP	25 58	
	PP	27 04	
	S	31 06	
Kunming	+iP	26 27	
	PP	27 45	
	S	31 58	
Lhasa	iP	27 34	

✓ 16.I Changchun	+iP	12 15 55	Epc: 36°N, 142°E O: 12-12-26 M: 6 (余震)
	iS	18 39	
Zose	eP	16 34	
Nanking	iP	16 51	
Peking	+iP	17 03	
	S	20 46	
Sian	+iP	18 05	
Canton	+P	18 14	
	S	22 53	

✓ 16.I *Cent*

Chengtu	P	12 18 51
	iS	24 00
Kunming	iS	24 52
Lhasa	(S)	26 37

✓ 16.I

Changchun	+iP	14 07 24
	(S)	10 11
Zose	+P	08 02
	(S)	11 21
Nanking	P	08 20
Peking	+P	08 31
Sian	+iP	09 35
Canton	P	09 47
Lanchow	+iP	10 10
Chengtu	+iP	10 20
Kunming	+iP	10 48
	S	16 22
Lhasa	iP	11 54
	(S)	18 26

Epc: 36°N, 142°E
 O: 14-03-52
 M: 6
 (余震)

✓

16.I

Changchun	+iP	15 44 37
	iS	47 23
Zoso	+iP	45 16
	S	48 32
Nanking	P	45 35
Peking	+iP	45 45
	iS	49 30
Sian	iP	46 50
Canton	+iP	46 59
	PP	47 53
	iS	51 40
Lanchow	+iP	47 22
Chengtu	+iP	47 33
	PP	48 43
	iS	52 43
Kunming	+iP	48 02
	iPP	49 22
	S	53 35
Lhasa	iP	49 09
	(S)	55 28

Epc: 36°N, 142°E
 O: 15-41-07
 M: 6±
 (余震)

✓

17.I

Zose	(S)	23 25 47
Canton	(S)	25 55
Nanking	(eP)	16 54
	iS	26 17
Chengtu	eP	17 19
	S	27 07
Peking	-P	17 33
	iS	27 31
Kunming	eP	17 38
	iS	27 40
Changchun	iS	27 57

Epc: New Hebrides Is.
 O: 23-06-28
 M: 6±

✓ 17.I ^{Cont} Sian P 23 17 38
 eS 27 43
 Lanchow P 18 01
 Lhasa eP 18 35

✓ 19.I Zose eP 04 31 45
 S 40 16
 Canton (eP) 01 00
 eS 40 35
 Nanking eP 32 01
 eS 40 44
 Changchun (eP) 32 30
 (eS) 41 32
 Peking -P 32 41
 iS 42 02
 Kunming -P 32 54
 iS 42 26
 Chengtu eP 32 59
 iS 42 39
 Lanchow P 33 16
 Lhasa eP 33 56

Epc: New Hebrides.
 O: 04-21+15
 M: 05-21

✗ 19.I Nanking (eP) 06 05 58
 eS 15 22
 Changchun eP 06 17
 Peking (eP) 06 30
 eS 16 25
 Kunming (eP) 06 38
 (S) 16 40
 Chengtu (eP) 06 51
 S 17 02

Epc: New Hebrides Is.
 O: 05-54-28±

✓ 19.I Changchun eP 17 27 09
 Peking eP 28 23
 eS 33 10
 Zose +P 28 47
 eS 33 54
 Nanking +P 28 54
 S 34 08
 Lanchow +iP 29 59
 Chengtu P 30 20
 eS 36 41
 Kunming +iP 30 57
 eS 37 49
 Lhasa eP 31 32

Epc: Kuril Is.
 O: 17-22-23
 M: 5 $\frac{1}{2}$ - 5 $\frac{1}{2}$

✓ 20.I Changchun +iP 17 18 17
 S 25 36
 Peking +P 19 12
 eS 27 17
 Zose +iP 19 42
 S 28 13

Epc: Gulf of Alaska,
 (阿拉斯加海)
 O: 17-09-11
 M: 6

✓ 20.I ^{China}

Nanking	+iP	17 19 44
	S	28 18
Sian	+iP	20 06
Chengtu	+P	20 39
	iS	30 01
Canton	eP	20 48
	iS	30 20
Kunming	+P	21 09
	iS	30 58
Lhasa	P	21 20
	eS	31 18

✓ 20.I

Changchun	P	22 38 02
	eS	40 44
Zose	eP	38 54
	(eS)	42 21
Nanking	P	39 08
Peking	eP	59 15
	(eS)	42 57
Canton	eP	40 37
Chengtu	+P	41 03
Kunming	+P	41 37

Epc: 37°¹/₂N, 142°¹/₂E
O: 22-34-36

X 21.I

Chengtu	P	12 41 00
	iS	41 29
Lanchow	eP	41 24
	S	42 09
Sian	e	41 46
	e	42 47

Epc: 32°³/₄N, 104°E
O: 12-40-16
M: ≈ 4
(四川陪都余震)

✓ 22.I

Zose	P	03 34 21
	iS	42 41
Canton	eP	34 36
	S	43 05
Nanking	eP	34 36
	S	43 11
Changchun	P	34 59
	S	43 54
Peking	P	35 14
	eS	44 24
Sian	P	35 28
Kunming	-P	35 33
	iS	45 00
Chengtu	-iP	35 40
	iS	45 15
Lanchow	P	35 56
	S	45 42
Lhasa	eP	36 37

Epc: Santa Cruz Is.
O: 03-24-01
M: 6¹/₂ - 6³/₄

✓ 22.I

Zose	eP	16 22 10
Canton	eP	22 16

Epc: Kermadec Is.
O: 16-09-20

✓ 22.I *Cont*

Nanking eP 16 22 21
 Changchun P 22 36
 S 08 40
 Peking eP 22 50
 eSKS 33 27
 S 34 06
 Chengtu eP 23 08
 eS 34 39

✗ 22.I

Zose eP 19 15 12
 eS 23 26
 Nanking eP 15 23
 eS 23 52
 Canton eP 15 24
 eS 23 49
 Changchun P 15 46
 eS 24 35
 Peking eP 16 05
 eS 25 13
 Kunming eP 16 23
 iS 25 47
 Chengtu eP 16 28
 S 25 51
 Lanchow eP 16 43

Epc: Santa Cruz Is.
 O: 19-04-55

✓ 22.I

Zose P 19 27 13
 Nanking eP 27 28
 Chengtu e 28 26
 Peking eP 28 44
 Lanchow P 29 01

Epc: 13°¹/₂N, 123°E
 O: 19-23.0

✗ 23.I

Chengtu eP̄ 03 13 34
 iS̄ 14 03
 Lanchow P 13 54
 Sian P 14 18
 e 15 18

Epc: 32°³/₄N, 104°E
 O: 03-12-50
 M: 4¹/₂
 (四川降腊余震)

✓ 23.I

Changchun eP 04 51 51
 S 54 31
 Peking eP 53 19
 eS 57 16
 Zose P 53 27
 eS 57 30
 Nanking P 53 40
 eS 57 51
 Sian P 54 30
 Lanchow P 54 57
 S 05 00 09
 Canton eP 04 55 03
 eS 05 00 20

Epc: 42°¹/₂N, 145°E
 O: 04-48-28
 h: 50km
 M: 5[±]

23.I ^{Ant} Chengtu eP 04 55 17
 Kunming iS 05 00 44
 P 04 55 53
 Lhasa iS 05 01 49
 eP 04 56 41

23.I Lanchow P̄ 09 00 38
 S̄ 01 07
 Sian i 01 59
 i 03 27
 Chengtu e 02 35
 i 04 03
 Peking e 05 42
 Kunming e 06 57
 Changchun e 09 44

Epc: 甘肃武威东北部
 O: 08-59-54
 M ≈ 3₄

24.I Zose eP 07 35 25
 Canton +iP 35 31
 pP 36 04
 iS 44 09
 sS 45 00
 Nanking +P 35 38
 S 44 23
 sS 45 11
 Changchun +iP 36 03
 pP 36 34
 eS 45 10
 sS 46 01
 Peking +P 36 18
 pP 36 48
 eS 45 37
 Sian +iP 36 27
 Kunming +iP 36 30
 pP 37 02
 iS 46 00
 sS 46 52
 Chengtu +iP 36 37
 pP 37 08
 iS 46 13
 sS 47 07
 Lanchow +iP 36 54
 S 46 55
 Lhasa iP 37 30

Epc: New Hebrides.
 O: 07-24-55
 h: 120km
 M: 6

25.I Zose eP 05 31 46
 eS 40 15
 Canton eP 31 56
 S 40 33
 Nanking eP 32 02
 S 40 48
 Changchun eP 32 26
 eS 41 31

Epc: 14°S, 166°¹/₂E
 O: 05-21-17
 M: 6-

Cont

✓	25.I	Peking	eP	05 32 43
			eS	42 03
		Sien	eP	32 52
		Kunming	P	32 56
			S	42 26
		Chengtu	eP	33 03
			S	42 40
		Lhasa	P	33 58

X	25.I	Chengtu	P	15 19 19
			iS	19 48
		Lanchow	eP	19 42
			S	20 24
		Sian	S	21 06

Epc: $32^{\circ}\frac{1}{2}N$, $104^{\circ}E$
 O: 15-18-37
 M: $3\frac{1}{2}$
 (四川中震余震)

X	25.I	Canton	eP	17 25 39
			iS	29 49
		Zose	e	26 48
			eS	31 38
		Kunming	e	27 05
			S	31 37
		Lanchow	P	27 55
		Peking	e	28 01
			eS	33 57
		Lhasa	eP	28 12

Epc: Celebes.
 O: 17-20.5

✓	25.I	Changchun	P	19 09 26
			eS	13 26
		Lanchow	P	11 51
		Canton	P	12 15
		Chengtu	eP	12 17
		Kunming	P	12 54

Epc: $50^{\circ}\frac{1}{2}N$, $154^{\circ}E$
 O: 19-04-27+

✓	26.I	Zose	+P	16 24 28
			pP	25 00
			iS	33 38
		Canton	+eP	24 35
			iS	33 48
		Nanking	eP	24 43
			pP	25 16
			S	34 05
		Changchun	+iP	25 06
			iS	34 55
		Peking	eP	25 19
			-iP	25 22
			iS	35 21
		Kunming	eP	25 24
			-iP	25 28
			pP	26 02
			iS	35 31
		Sian	P	25 27

Epc: South Fiji Basin.
 O: 16-13-17
 h: 120km
 M: $6\frac{1}{2}$

✓ 26.I ^{hwb} Chengtu -iP 16 25 36
 ✓ pP 26 09
 iS 35 46
 Lanchow P 25 51
 Lhasa P 26 23

✓ 26.I Zose eP 18 59 56
 Canton eP 19 00 03
 Nanking +iP 00 11
 Changchun +iP 00 36
 S 10 17
 Peking eP 01 49
 eS 10 40
 Sian +iP 00 57
 Kunming +iP 00 57
 eS 10 55
 Chengtu P 01 04
 iS 11 10
 Lanchow P 01 21

Epc: S. New Hebrides,
 O: 18-48-50
 M: 5 $\frac{3}{4}$ -6

X 27.I Zose e 15 00 16
 Nanking e 07 33
 Changchun e 14 53 46
 S 15 08 23
 Peking e 14 58 50
 eS 15 08 48
 Kunming eP 14 58 59
 S 15 09 00
 Chengtu S 09 16
 Lanchow P 14 59 22

Epc: New Hebrides,
 O: 14-46-47+

X 27.I Zose eP 15 17 01
 eS 26 04
 Nanking eP 17 17
 eS 26 35
 Changchun +iP 17 43
 S 27 23
 Peking eP 17 53
 S 27 50
 Kunming +P 17 59
 eS 28 00
 Sian +iP 18 04
 Chengtu eP 18 06
 iS 28 15
 Lanchow P 18 22

Epc: S. New Hebrides,
 O: 15-05-53
 M: 5 $\frac{1}{2}$ -5 $\frac{3}{4}$

X 27.I Changchun eP 20 11 03
 eS 15 24
 Peking eP 12 22
 Zose e 12 31
 Nanking e 12 41
 Lanchow P 13 57
 Chengtu eP 14 18
 Kunming eP 14 54

Epc: Kuril Is.
 O: 20-5.6

23.I	Lhasa	eP	11 20 23	Epc: 31°N, 84°E O: 11-18-40+ (喜馬拉雅山區)
	Chengtu	eP	22 51	
		eS	26 06	
	Kunming	eP	22 51	
	Peking	eS	26 10	
		e(P)	24 44	
28.I	Nanking	e	14 25 41	Epc: Solomon Is. O: 14-15.9
	Kunming	eP	25 58	
		eS	34 05	
	Peking	eP	25 58	
	Sian	(P)	26 04	
	Chengtu	PZ	26 07	
28.I	Nanking	eZ	14 31 29	Epc: Santa Cruz Is. O: 14-21.9
	Peking	eZ	33 18	
	Changchun	ePZ	33 04	
	Kunming	ePZ	33 31	
		eSE	43 03	
	Lanchow	P	33 56	
28.I	Canton	+iP	19 54 21	Epc: S. New Hebrides. O: 19-43-14 M: 6+
	Zose	eS	20 03 27	
		+P	19 54 16	
		iS	20 03 16	
	Nanking	+P	19 54 29	
		S	20 03 41	
	Changchun	+iP	19 54 56	
		S	20 04 34	
	Peking	+iP	19 55 09	
		S	20 04 57	
	Kunming	+iP	19 55 15	
		S	20 05 09	
	Chengtu	eP	19 55 24	
		S	20 05 26	
	Lanchow	eP	19 55 34	
	S	20 05 53		
	Lhasa	eP	19 56 06	
29.I	Peking	P	13 32 24	Epc: Aleutian Is. O: 13-25.8
	Zose	P	32 48	
	Nanking	P	32 52	
		eS	40 09	
	Canton	eP	34 03	
	Chengtu	eP	34 04	
	Kunming	P	34 37	
31.I	Changchun	+iP	00 57 36	Epc: Alaska. O: 00-48-33 M: 6-6½
		iS	01 04 53	
	Peking	+iP	00 58 30	
		S	01 06 34	
	Zose	+iP	00 59 00	
	iS	01 07 28		

31.I *Continue*

✓	Sian	+iP	00 59 25
		iS	01 08 09
	Lanchow	+iP	00 59 33
		S	01 08 30
	Chengtu	+iP	00 59 59
		iS	01 09 18
	Kunming	+iP	00 28
		iS	10 15
	Lhasa	iP	00 41
		S	10 38

31.I

✗	Chengtu	eP _Z	01 38 24
		e	38 51
	Lanchow	eP _N	38 42
	Sian	(P)	39 10
		e	40 11

Epc: 四川阿坝地震.
O: 01-37.7

Given by
S. P. Lee (Chief)
S. J. Mei

1961 IV 7
Division of Seismology,
Institute of Geophysics, Academia Sinica
Peking China.

PRELIMINARY SEISMOLOGICAL REPORT
OF
CENTRAL STATION "PEKING" AND AUXILIARY STATIONS

1 - 28, February, 1961

X	2.II	Canton	eP	00 46 32	Epc: $7^{\circ}\frac{1}{2}N$, $127^{\circ}E$ O: 00-41-55
		Zose	eS	50 16	
			+P	47 08	
			S	51 23	
		Kunming	eP	47 58	
			eS	52 48	
		Chengtu	eP	48 15	
			eS	53 19	
		Peking	eP	48 34	
			S	53 56	
	Changchun	+iP	48 56		
		S	54 22		
	Lhasa	P	49 42		
		S	55 48		
✓	3.II	Changchun	P	13 35 01	Epc: $36^{\circ}N$, $138^{\circ}\frac{1}{2}E$ Honshu Japan. O: 13-31-50+
		Zose	eP	35 33	
		Nanking	eP	35 59	
		Peking	eP	36 09	
		Lanchow	P	37 47	
		Chengtu	eP	37 58	
	Kunming	eP	38 28		
X	4.II	Changchun	e	01 32 41	
		Peking	e	32 44	
		Lhasa	e	32 50	
		Chengtu	e	32 51	
		Kunming	e	32 55	
✓	4.II	Lhasa	-iP	08 53 21	Epc: $25^{\circ}\frac{1}{2}N$, $95^{\circ}\frac{1}{2}E$ O: 08-52-00 h: 150km M: $5\frac{1}{2}$
			iS	54 23	
		Kunming	-iP	53 31	
			iS	54 43	
		Chengtu	-iP	54 05	
		Lanchow	-iP	54 54	
		Sian	-iP	55 16	
		Canton	+P	55 36	
			pP	56 02	
			sP	56 16	
			iS	58 40	
		Nanking	+P	56 32	
			sP	57 17	
		iS	09 00 23		
	Peking	eP	08 56 45		
		pP	57 13		

Station	Phase	Time	Epicenter	
4.II Peking	sP	08 57 30	Epc: Kuril Trench, O: 12-49-14 $\frac{1}{2}$	
Zose	S	09 00 47		
	P	08 56 49		
	pP	57 18		
	sP	57 33		
Changchun	iS	09 00 53		
	eP	08 57 56		
	S	09 02 47		
4.II Changchun	eP	12 54 12		Epc: 23 $^{\circ}$ $\frac{1}{2}$ N, 123 $^{\circ}$ E O: 19-09-10 M: 5 $\frac{1}{2}$
Peking	S	58 11		
Zose	eP	55 27		
Nanking	eP	55 50		
Lanchow	eP	56 56		
Chengtu	+iP	56 57		
Kunming	eP	57 22		
4.II Zose	+iP	19 11 02	Epc: 23 $^{\circ}$ $\frac{1}{2}$ N, 123 $^{\circ}$ E O: 19-09-10 M: 5 $\frac{1}{2}$	
Nanking	iS	12 30		
	eP	11 21		
Sian	eS	13 02		
Peking	+iP	12 58		
	S	16 27		
Chengtu	+iP	13 24		
	iS	16 46		
Kunming	+iP	13 30		
	S	16 57		
Changchun	+iP	13 46		
	S	17 28		
Lanchow	+iP	13 53		
Lhasa	iP	15 14		
5.II Peking	e	15 57 40	Epc: Aleutian Is. O: 12-12-19 M: 5 $\frac{1}{2}$	
Chengtu	e	57 59		
Kunming	e	58 13		
5.II Kunming	e	18 01 51	Epc: Aleutian Is. O: 12-12-19 M: 5 $\frac{1}{2}$	
Lhasa	e	02 01		
Chengtu	e	02 23		
Lanchow	e	02 52		
Peking	e	03 22		
6.II Changchun	+P	12 19 57	Epc: Aleutian Is. O: 12-12-19 M: 5 $\frac{1}{2}$	
	(eS)	26 05		
Peking	+P	21 01		
	(eS)	27 59		
Chengtu	+P	22 40		
Kunming	P	23 11		
	(eS)	31 59		

6.II	Changchun	+iP	18 19 27	Epc: $43^{\circ}1\frac{1}{2}'N$, $149^{\circ}1\frac{1}{2}'E$ O: 18-15-24
		S	22 40	
	Peking	+iP	20 47	
	Zose	eP	20 53	
		e(S)	25 25	
	Nanking	P	21 05	
	Sian	+iP	21 56	
	Canton	+iP	22 30	
	Chengtu	+iP	22 42	
		S	28 31	
	Kunming	+iP	23 17	
		S	29 36	
	Lhasa	P	24 04	
		eS	31 01	

6.II	Zose	S	19 43 53	Epc: Solomon Is. O: 19-29-29
	Canton	(S)	44 12	
	Nanking	eP	37 47	
		iS	44 27	
	Changchun	-P	38 23	
		iS	45 33	
	Peking	iS	45 54	
	Kunming	eP	38 46	
		S	46 18	
	Chengtu	(eP)	38 54	
		iS	46 31	
	Lhasa	eP	40 01	

6.II	Zose	+P	21 54 05	Epc: $7^{\circ}S$, $154^{\circ}1\frac{1}{2}'E$ O: 21-45-11 M: $6\frac{1}{4}$
		(eS)	22 01 15	
	Canton	+iP	21 54 14	
		iS	22 01 26	
	Nanking	+iP	21 54 22	
		iS	22 01 44	
	Changchun	+iP	21 54 59	
		S	22 02 49	
	Peking	+P	21 55 10	
		S	22 03 15	
	Sian	+iP	21 55 17	
		S	22 03 22	
	Kunming	+iP	21 55 20	
		iS	22 03 31	
	Chengtu	+iP	21 55 30	
		S	22 03 49	
	Lhasa	iP	21 56 35	
		S	22 05 51	

7.II	Changchun	eP	21 05 22	Epc: $44^{\circ}N$, $147^{\circ}E$ O: 21-01-47
		S	08 12	
	Peking	eP	06 46	
		eS	10 48	
	Zose	eP	06 56	
	Nanking	eP	07 05	

✓	7. II	Canton	(eP)	21 08 30	
		Chengtu	eP	08 43	
			S	14 16	
		Kunming	eP	09 19	
			eS	15 20	
✓	8. II	Nanking	eP	02 47 16	Epc: New Hebrides.
		Changchun	+iP	47 41	O: 02-36-38
		Kunming	+iP	48 09	
			S	57 39	
		Chengtu	+iP	48 17	
			S	57 51	
		Lhasa	P	49 10	
✓	8. II	Changchun	-iPKP	08 22 40	Epc: Caribbean Sea.
		Nanking	-PKP	23 01	(加勒比海)
			PP	27 14	O: 08-03-04
		Zose	-PKP ₁	23 02	
			+PKP ₂	23 35	
			(PP)	27 15	
		Sian	-iPKP	23 03	
		Chengtu	-PKP ₁	23 06	
			+PKP ₂	23 48	
			PP	27 30	
		Kunming	-PKP ₁	23 10	
			+PKP ₂	24 09	
	ePP	27 49			
	-PKP	23 13			
✓	8. II	Zose	-P	18 01 50	Epc: Fiji Is.
		Canton	-iP	02 02	O: 17-50-42
			S	11 22	(Deep Shock)
		Nanking	-iP	02 02	
			(eS)	11 27	
		Changchun	-iP	02 14	
		Sian	-iP	02 44	
		Kunming	-iP	02 49	
			eSKS	12 28	
			eS	12 56	
		Chengtu	-P	02 54	
			SKS	12 32	
	S	13 07			
	eP	05 29			
✓	9. II	Zose	+iP	02 20 42	Epc: Tonga Is.
			si	21 07	O: 02-08-30
			PP	23 47	h: 60km
		Canton	+iP	20 47	
			sP	21 09	
			PP	23 58	
	Nanking	+iP	20 54		
		eP	21 19		

9.II *Cant*

Nanking	iPP	08 24 12
	(eS)	01 12
Changchun	+iP	21 10
Peking	+iP	21 23
	sP	21 49
	eSKS	31 49
Kunming	+iP	21 32
	eSKS	31 59
Sian	+iP	21 32
Chengtu	+iP	21 40
	sP	22 05
	PP	25 28
	SKS	32 12
	iS	32 37
Lhasa	eP	22 23

9.II

Canton	(eP)	20 27 53	Epc: 10°S, 113°E
Kunming	+P	28 20	O: 20-21-14
	S	34 01	M: 5 ¹ / ₄
Chengtu	+P	29 01	
	iS	35 14	
Zose	+P	29 09	
	S	35 30	
Nanking	P	29 13	
	S	35 38	
Lhasa	eP	29 25	
	S	35 55	
Sian	P	20 29 25	
	S	34 00	
Peking	eP	30 11	
	eS	37 19	
Changchun	(eP)	30 49	
	S	38 28	

10.II

Canton	-P	13 25 27	Epc: 3°S, 127°E
	eS	30 21	O: 13-19-19
Zose	(eS)	31 45	
Nanking	(eS)	32 02	
Kunming	-P	26 33	
	eS	32 20	
Chengtu	eP	27 00	
	(eS)	33 08	
Peking	(eP)	27 29	

11.II

Zose	P	06 15 53	Epc: 29°N, 139 ¹ / ₂ °E
	S	18 35	O: 06-12-32
Nanking	-iP	16 16	h: 400km
	sP	18 16	M: 5 ³ / ₄
	S	19 17	
Peking	-P	16 55	
	sP	18 55	
	eS	20 27	

Cont.

✓	11.II	Changchun	-iP	06 16 24
			S	19 32
		Canton	-iP	17 15
		Sian	-iP	17 35
		Chengtu	-iP	18 12
			iS	22 40
		Kunming	-iP	18 30
			S	23 15
		Lhasa	-iP	19 47

✓	11.II	Zose	+iP	21 13 31
			pP	13 48
			sP	13 55
			PP	16 40
		Nanking	+iP	13 43
			pP	13 58
			sP	14 07
			PP	17 00
		Changchun	+iP	14 00
			pP	15 16
			sP	17 26
			i	25 14
		Peking	+iP	14 14
			pP	14 31
			sP	14 40
			SKS	24 42
			i	25 43
		Sian	+iP	14 21
		Kunming	+iP	14 22
			pP	14 39
			sP	14 47
			SKS	24 53
			eS	25 14
		Chengtu	+iP	14 29
			pP	14 46
			sP	14 55
			iSKS	25 00
			iS	25 26
		Lhasa	P	15 13

Epc: South Fiji Basin,
 O: 21-01-22
 M: 6½ - 7+

✓	12.II	Changchun	+iP	21 57 29
			iS	22 00 29
		Peking	+iP	21 58 53
			S	22 03 03
		Zose	+iP	21 59 03
			iS	22 03 20
		Nanking	+iP	21 59 11
			S ₁	22 03 32
			S ₂	03 47
		Sian	+iP	00 03
		Chengtu	+iP	00 51
			iS	06 30

Epc: 43°¹/₂N, 147°¹/₂E
 O: 21-53-46
 M: 7

✓	12.II	Kunming	+iP	22	01	26	Epc: Aftershock of 21 ^h 12/II O: 23-26-37 (余震)
			iS		07	33	
✓	12.II	Lhasa			02	14	
✓	12.II	Changchun	+iP	23	30	23	
			S		33	22	
	12.II	Peking	+iP		31	47	
			eS		36	00	
	12.II	Zose	+iP		31	56	
			S		36	20	
	12.II	Nanking	+iP		32	04	
			12.II	Sian	+iP		32
	12.II	Chengtu			P		33
				S	3	29	23
	12.II	Kunming	+iP		34	19	
			iS		40	29	
	12.II	Lhasa	+iP		35	08	
			S		41	54	
✓	13.II	Zose	eP	06	57	18	Epc: Tonga Trench. (東加海溝) O: 06-45-25 h: 100km
			13.II	Nanking	eP		
		sP				58	
	13.II	Changchun	P		57	39	
				sP		58	
	13.II	Peking	eS	07	07	49	
				eP	06	58	
	13.II	Sian	sP		58	43	
				eS	07	08	
	13.II	Kunming	eP	06	58	14	
				eP		58	29
			S	07	09	25	
✓	13.II	Changchun	+iP	16	31	10	Epc: Aftershock of 21 ^h 12/II O: 16-27-23 M: 6 (余震)
				eS		34	
	13.II	Peking	+iP		32	35	
				i		32	
	13.II	Zose	S		36	49	
				+iP		32	
	13.II	Nanking	i		32	51	
				S		37	
	13.II	Sian	eP		32	53	
				i		33	
	13.II	Chengtu	eS		37	20	
				+iP		33	45
	13.II	Kunming	eP		34	31	
				i		34	41
	13.II	Lhasa	iS ₁		40	12	
				S ₂		40	25
	13.II	Lhasa	+iP		35	06	
				i		35	17
	13.II	Lhasa	iS		41	17	
				+P		35	55
			S		42	44	

13. II Changchun P 22 41 05 Epc: Aftershock of 21^h12/II
 Peking eP 42 28 O: 22-37-12
 Zose S 46 39 (余震)
 eP 42 37
 S 46 58
 Nanking e 42 43
 Chengtu eP 44 21
 eS 50 04
 Kunming eP 44 58
 eS 51 10

14. II Changchun P 03 25 54 Epc: Aftershock of 21^h12/II
 Peking eS 28 58 O: 03-22-03
 Nanking eP 27 16 (余震)
 eS 31 30
 eP 27 36
 Zose eS 32 04
 eP 27 25
 eS 31 45
 Sian P 28 26
 Chengtu P 29 12
 iS 34 53
 Kunming eP 29 47
 iS 35 58
 Lhasa -P 30 36

15. II Changchun -iP 10 49 00 Epc: Aftershock of 21^h12/II
 Peking +P 50 23 O: 10-45-13
 Zose S 54 37 M: 6
 +iP 50 33 (余震)
 iS 54 51
 Nanking +iP 50 41
 iS 55 12
 Sian P 51 38
 Chengtu P 52 20
 iS 58 00
 Kunming +iP 52 56
 iS 59 04
 Lhasa P 53 43
 S 11 00 30

15. II Lhasa P 11 30 23 Epc: 31°N, -84°E
 Chengtu -P 32 50 O: 11-28-48
 Kunming S 35 59 M: 4 $\frac{1}{2}$ \pm
 +P 32 54
 iS 36 09
 Peking eP 34 38

16. II Zose eZ 08 58 15 Epc: Japan.
 Changchun PZ 58 13 O: 08-54-57 $\frac{1}{2}$
 eS_E 09 00 45

✓	16.II	Peking	eP _E	08 58 57	
			eS _N	09 02 06	
			e _E	02 10	
	✓	Kunming	e _Z	01 00	
	16.II	Changchun	P	13 58 37	Epc: 45°N, 148°E
✓		Peking	eS	14 01 36	O: 13-54-50
			eP	00 00	M: 5
		Zose	eS	04 12	
			P	00 09	
		Lanchow	eS	04 27	
		Canton	eP	01 36	
			eP	01 43	
		Chengtu	eS	07 14	
			P	01 57	
		Kunming	eS	07 37	
			+iP	02 33	
			PP	04 15	
		Lhasa	iS	08 43	
			P	03 20	
			PP	05 13	
			S	10 08	
	18.III	Changchun	P	01 07 49	Epc: 45° ¹ / ₂ N, 150°E
✓		Peking	eP	09 11	O: 01-03-43
			eS	13 32	
		Zose	P	09 21	
			S	13 52	
		Nanking	eP	09 30	
			eS	14 08	
		Chengtu	eP	11 08	
		Kunming	P	11 44	
✓	18.II	Zose	eP	12 17 00	Epc: 22°S, 175°E
✓			eS	26 26	O: 12-06-30
		Changchun	P	17 37	
		Peking	eP	17 50	
			eS	28 03	
		Kunming	P	17 58	
		Chengtu	eP	18 06	
X	20.II	Chengtu	eP _N	05 24 14	Epc: 四川隆昌地震
			S _{EN}	24 42	O: 05-23.5
		Lanchow	eP	24 34	
			eS	25 17	
✓	20.II	Changchun	PKP	18 45 33	Epc: Chile.
		Lhasa	PKP	45 36	O: 18-25.5
		Peking	PKP ₁	45 40	Deep Shock.
			PKP ₂	46 59	
			ePP	50 48	
		Kunming	PKP	45 40	
			pP	07 07	
			sP	07 21	
		Chengtu	+P	06 56	
			pP	07 14	
			sP	07 28	
			SKS	17 29	
			S	18 16	
✓	23.II	Changchun	+iP	04 19 41	Epc: 38°N, 143°E
			eS	22 26	O: 04-16-17
		Zose	+P	20 41	M: 5 ¹ / ₂
			S	24 12	
		Nanking	+P	20 56	
		Peking	iP	20 58	
		Sian	+iP	22 05	
		Lanchow	iP	22 37	
		Kunming	+iP	23 23	
			iS	29 05	
		Lhasa	+iP	24 22	

PRELIMINARY SEISMOLOGICAL REPORT
OF
CENTRAL STATION "PEKING" AND AUXILIARY STATIONS

1 - 15, March 1961

1.III	Canton	P	14 10 19	Epc: $3^{\circ}\frac{1}{2}'N$, $126^{\circ}E$ O: 14-05-07
		S	14 34	
	Zose	eP	11 02	
		eS	15 46	
	Nanking	eP	11 13	
		eS	16 07	
	Chengtu	eP	11 58	
		eS	17 24	
	Peking	P	12 24	
		S	18 14	
Lanchow	P	12 34		
Changchun	eP	12 49		
3.III	Canton	eP	06 37 10	Epc: Fiji Basin. O: 06-25-41 M: $5\frac{1}{2}$
		S	46 34	
	Nanking	P	37 27	
	Changchun	P	37 41	
		eS	47 30	
	Peking	eP	37 55	
		eS	48 00	
	Kunming	P	38 01	
		S	48 15	
	Chengtu	eP	38 10	
	S	48 29		
3.III	Kunming	+iP	23 00 56	Epc: $25^{\circ}\frac{1}{4}'N$, $103^{\circ}E$ (昆明东北部)
		iS	01 02	
	Chengtu	(e)	02 38	O: 23-00-47
		e(S)	03 21	M: $3\frac{1}{2}$
		i	03 53	
	Canton	i	05 54	
4.III	Changchun	eP	22 29 28	Epc: $37^{\circ}N$, $142^{\circ}E$ O: 22-26-01
		eS	32 09	
	Zose	eP	30 18	
	Nanking	eP	30 34	
	Peking	eP	30 37	
		S	34 20	
	Lanchow	eP	32 15	
	Kunming	eP	33 03	
4.III	Canton	+iP	23 05 49.4	Epc: $23^{\circ}\frac{3}{4}'N$, $114^{\circ}\frac{1}{2}'E$ (广东河源)
		i	05 57	
		iS	06 06	O: 23-05-23
		i	06 13	M: $3\frac{1}{4}$

✓ *Cont*

20.II Nanking ePKP 18 45 42
 Chengtu PKP₁ 45 43
 ePKP₂ 47 10
 ePP 51 03

22.II Lanchow e 18 09 56
 Chengtu eP 09 57
 iP* 10 04
 eS 10 50
 iS* 11 01
 Sian e 11 00
 i 12 30
 Kunming eP 11 06
 S 12 55
 Lhasa eP 11 12
 Zose e 13 20
 Nanking e 17 00
 Canton e 17 38
 Peking e 13 14
 Changchun e 20 18

Epc: $34^{\circ}\frac{1}{2}N$, $101^{\circ}\frac{1}{2}E$
 O: 18-08-46
 M: $3\frac{1}{2}$ - 4
 (阿尼馬卿山地區)

✗

22.II Zose eP 22 05 57
 sP 06 28
 Canton +iP 06 02
 Nanking +P 06 09
 pP 06 28
 sP 06 40
 Changchun +iP 06 26
 pP 06 45
 sP 06 56
 Peking eP 06 40
 pP 07 01
 sP 07 09
 Kunming P 06 47
 pP 07 07
 sP 07 21
 Chengtu +P 06 56
 pP 07 14
 sP 07 28
 SKS 17 29
 S 18 16

Epc: Kermadec Is.
 O: 22-53-25
 h: 100km

✓

23.II Changchun +iP 04 19 41
 eS 22 26
 Zose +P 20 41
 S 24 12
 Nanking +P 20 56
 Peking iP 20 58
 Sian +iP 22 05
 Lanchow iP 22 37
 Kunming +iP 23 23
 iS 29 05
 Lhasa +iP 24 22

Epc: $38^{\circ}N$, $143^{\circ}E$
 O: 04-16-17
 M: $5\frac{1}{2}$

✓



24.II	Zose	-iP	03 05 58	Epc: 26°N, 125°E
		iS	07 09	O: 03-04-27
	Nanking	-iP	06 27	h: 100km
		eS	07 58	M: 5 1/2
	Canton	P	07 04	
		sP	07 31	
		eS	09 09	
	Peking	-iP	08 06	
		pP	08 23	
		sP	08 34	
	Sian	-iP	08 12	
	Changchun	-iP	08 24	
		sP	08 57	
		eS	11 46	
	Kunming	P	08 57	
		sP	09 30	
		S	12 40	
	Lanchow	P	09 01	
	Lhasa	-iP	10 32	
		eS	15 24	



25.II	Kunming	eP	21 51 55	Epc: (27°N, 103°E)
		+iP*	51 56	云南东北部
		P	51 59	O: 21-51-21
		iS	52 20	M: 4 1/2
		iS*	52 24	
	Chengtu	eP	52 22	
		P*	52 28	
		i	52 29	
		iS	53 08	
		i	53 16	
		i	53 19	
	Lhasa	e	54 02	
	Canton	e	53 54	
	Nanking	e	54 24	
	Zose	e	55 10	
	Peking	e	55 18	
	Sian	e	56 09	



26.II	Changchun	P	06 08 15
	Peking	e	08 31
	Lanchow	(P)	08 35
	Nanking	e	08 58
	Kunming	eP	08 35



26.II	Zose	+iP	18 13 00	Epc: 30° 1/2 N, 133° E
	Nanking	+iP	13 27	O: 18-10-31
	Changchun	+iP	13 57	M: 7
		S	16 38	
	Peking	+iP	14 22	
		S	17 22	
	Canton	+iP	15 02	
		iS	18 37	

26.II *Gu* Sian ++iP 18 15 13
 Lhasa +iP 15 57
 Changtu +iP 15 58
 Kunming +iP 16 21
 Lhasa +iP 17 40

26.II Canton eP 21 02 39
 Nanking eP 04 37
 Kunming eS 04 54
 Sian +iP 08 01
 Chengtu iP 05 40
 Peking +P 09 27
 Changchun eS 05 55
 eP 05 58
 iS 10 02
 +P 06 23
 eS 10 48
 eP 06 55

Epc: 15°¹/₃N, 122°E
 O: 21-00-55
 M: 5

27.II Changchun +iP 13 14 34
 Peking P 15 34
 Zose P 23 00
 Nanking eS 15 58
 Chengtu eS 23 44
 Kunming P 16 02
 eS 23 52
 eP 17 10
 eS 26 05
 P 17 42
 eS 27 05

Epc: Aleutian Is.
 O: 13-06-15

27.II ~~Changchun e 22 41 33~~
~~Peking e 42 07~~
~~Nanking e 46 37~~
~~Chengtu e 43 51~~
~~e 53 55~~

28.II Chengtu iP 07 13 03
 Lanchow S 13 31.5
 eP 13 25
 eS 14 12

Epc: 四川阿坝地震
 O: 07-12-19±

Given by
 S. P. Lee (Chief)
 S. J. Mei

1961 IV. 10

Division of Seismology,
 Institute of Geophysics, Academia, Sinica
 Peking China.

PRELIMINARY SEISMOLOGICAL REPORT
OF
CENTRAL STATION "PEKING" AND AUXILIARY STATIONS

1 - 15, March 1961

1.III	Canton	P	14 10 19	Epc: $3^{\circ}\frac{1}{2}'N$, $126^{\circ}E$ O: 14-05-07
		S	14 34	
	Zose	eP	11 02	
		eS	15 46	
	Nanking	eP	11 13	
		eS	16 07	
	Chengtu	eP	11 58	
		eS	17 24	
		Peking	P	12 24
		S	18 14	
	Lanchow	P	12 34	
	Changchun	eP	12 49	
3.III	Canton	eP	06 57 10	Epc: Fiji Basin. O: 06-25-41 M: $5^{\frac{1}{2}}$
		S	46 34	
	Nanking	P	37 27	
	Changchun	P	37 41	
		eS	47 30	
	Peking	eP	37 55	
		eS	48 00	
	Kunming	P	38 01	
		S	48 15	
Chengtu	eP	38 10		
	S	48 29		
3.III	Kunming	+iP	23 00 56	Epc: $25^{\circ}\frac{1}{4}'N$, $103^{\circ}E$ (昆明东北部)
		iS	01 02	
	Chengtu	(e)	02 38	O: 23-00-47 M: $3^{\frac{1}{2}}$
		e(S)	03 21	
		i	03 53	
		i	03 54	
	Canton	e	05 46	
4.III	Changchun	eP	22 29 28	Epc: $37^{\circ}N$, $142^{\circ}E$ O: 22-26-01
		eS	32 09	
	Zose	eP	30 18	
	Nanking	eP	30 34	
	Peking	eP	30 37	
		S	34 20	
	Lanchow	eP	32 15	
	Kunming	eP	33 03	
4.III	Canton	+iP	23 05 49.4	Epc: $23^{\circ}\frac{3}{4}'N$, $114^{\circ}\frac{1}{2}'E$ (广东河源)
		i	05 57	
		iS	06 06	O: 23-05-23 M: $3^{\frac{1}{4}}$
		i	06 13	

X

4.III Nanking e 23 10 08
 i 10 16
 Zose e 10 12
 e 10 16
 i 10 34
 Chengtu i 12 22

✓

5.III Zose eP 01 36 03
 eS 43 51
 Canton eP 36 13
 eS 44 08
 Nanking eP 36 20
 eS 44 19
 Changchun P 36 48
 eS 45 16
 Peking eP 37 04
 eS 45 42
 Kunming eP 37 16
 eS 46 09
 Chengtu eP 37 24
 eS 46 21

Epc: (9°S, 161°¹/₂E)
 Solomon Is.
 O: 01-26-22

✓

7.III Zose -iP 10 23 11
 pP 23 33
 sP 23 44
 Canton iSKS 33 35
 -iP 23 17
 pP 23 36
 sP 23 49
 iSKS 33 43
 Nanking S 33 51
 -iP 23 22
 pP 23 44
 sP 23 55
 SKS 33 50
 S 34 04
 Changchun -iP 23 37
 pP 23 59
 sP 24 11
 iSKS 34 07
 Peking iS 34 35
 -P 23 52
 pP 24 13
 sP 24 25
 iSKS 34 24
 Sian iS 35 05
 -iP 24 00
 Kunming iSKS 34 36
 -iP 24 01
 sP 24 54
 iSKS 34 37
 iS 35 20

Epc: Kermadec Trench.
 O: 10-10-33
 h: 100km
 M: 7¹/₂

✓	7.III	Lanchow	P	10 24 21	Epc: 30° ¹ / ₂ N, 111°E (長江三峽地區) O: 19-00-48 M: 4 ¹ / ₂	
			SKS	34 58		
			(P)	24 54		
			i	29 17		
			i	35 37		
		Lhasa	i	36 55		
X	7.III	Sian	+iP	19 01 55.5		
			eP	02 15		
			*Sn	02 47		
			iS	03 08		
			Canton	e		02 40
			e	03 56		
			i	04 33		
			Nanking	i		04 42
			e	02 48		
			i	02 57		
			Lanchow	i		04 23
			+Pn	02 51.2		
			-iPn	02 51.7		
			iSn	04 25.7		
			Zose	iS		05 15.2
e	04 38					
Kunming	e	05 18				
eP	03 03					
Changchun	i	04 42				
e	04 56					
✓	7.III	Kunming	eP	19 19 35	Epc: Amsterdam (Indian Ocean) O: 19-08-33+	
			S	28 35		
			Canton	eP		19 50
			eS	28 45		
			Chengtū	eP		20 07
			S	29 35		
			Nanking	eP		20 47
			eS	30 54		
			Zose	(SKS)		31 06
			eP	20 49		
			eS	30 59		
			Peking	eP		21 16
Changchun	eP	21 54				
✓	7.III	Zose	+iP	23 20 27	Epc: 7°S, 156°E O: 23-11-29	
			Canton	+iP		20 34
			eS	27 52		
			Nanking	+iP		20 44
			eS	28 09		
			Changchun	+iP		21 22
			Peking	eP		21 34
			eS	29 43		
			Kunming	+iP		21 45
			Chengtū	+iP		21 53
eS	30 18					

8.III Zose eP 23 51 12 Epc: 5°N, 128°E
 Kunming eP 51 54 O: 23-42-32
 Peking eP 52 37
 Lanchow P 52 51
 Lhasa P 53 25
 S 59 44

10.III Zose +P 23 45 39 Epc: (13°S, 166°E)
 Nanking +P 45 55 N. New Hebrides.
 Changchun +iP 46 24 O: 23-35-31+
 Peking eP 46 38
 Kunming eP 46 52
 Chengtu eP 46 59
 e(S) 56 23
 Lanchow P 47 16

11.III Changchun +iP 01 36 17 Epc: 50°¹/₂N, 153°¹/₂E
 pP 36 31 O: 01-31-42
 sP 36 37 h: 50km
 S 40 06 M: 5³/₄
 Peking +P 37 34
 sP 37 55
 eS 42 14
 Zose +iP 37 55
 sP 38 19
 S 42 56
 Nanking +iP 38 01
 sP 39 22
 iS 43 08
 Sian +iP 38 43
 Canton +iP 39 25
 sP 39 49
 iS 45 37
 Kunming +iP 40 07
 pP 40 20
 sP 40 29
 iS 46 54
 Lhasa +iP 40 43
 S 48 01

11.III Lhasa -P 08 49 45 Epc: 13°¹/₂N, 39°¹/₂E
 S 56 42 O: 08-40-58
 Kunming eP 50 57
 S 59 00
 Lanchow eP 51 11
 Sian eP 51 41
 Canton e 52 04
 Peking eP 52 17
 eS 09 01 31
 Nanking eP 08 52 31
 eS 09 01 59
 Changchun eP 08 52 56
 S 09 02 45

12.III Zose -iP 23 34 09 Epc: Kermadec Trench,
 S 44 38 O: 23-21 33
 Canton -iP 34 15
 eS 44 48
 Nanking -iP 34 20
 eS 44 59
 Changchun -iP 34 36
 eSKS 45 06
 eS 45 29
 Peking eP 34 49
 Kunming -P 35 00
 eS 46 16
 Chengtu P 35 11
 SKS 45 48
 S 46 36

13.III Changchun e 08 21 38
 Peking e 22 40
 Nanking e 22 51
 Zose e 22 58
 Chengtu e 24 09
 Kunming e 24 37

15.III Zose +iP 10 23 08 Epc: 4⁰/₃S, 152°E
 S 29 42 O: 10-14-52
 Canton +P 23 14 M: 6¹/₂
 eS 29 56
 Nanking +iP 23 25
 S 30 16
 Changchun +iP 24 07
 S 31 34
 Peking +P 24 18
 iS 31 53
 Sian P 24 23
 Kunming eP 24 27
 S 32 11
 Chengtu P 24 36
 S 32 25
 Lanchow P 24 56
 eS 33 04
 Dasa eP 25 46
 S 34 35

15.III Zose eP 13 09 24 Epc: 4°S, 153°E
 eS 16 07 O: 13-00-58
 Nanking eP 09 41
 eS 16 40
 Changchun eP 10 21
 eS 17 52
 Kunming eP 10 43
 eS 18 34
 Chengtu eP 10 51
 eS 18 47
 Peking e 10 51

X

15.III	Nanking	eP	16 21 57	Epc: 27°N, 143°E O: 16-17-04
	Changchun	eS	25 57	
		P	22 03	
		S	26 03	
	Peking	eP	22 36	
	Chengtu	eP	23 53	
	Kunming	eP	24 13	
		eS	29 54	

X

15.III	Kunming	eP	21 11 45	Epc: 26° ¹ / ₂ N, 100° ¹ / ₂ E (云南程海一带)
	Chengtu	1S	12 19.5	
		eP _n	12 16	O: 21-10-53
	Canton	1(Sn)	13 15	M: 4 ¹ / ₂
	Nanking	e	17.30	
		e	18 55	

X

15.III	Nanking	eP	22 19 04	Epc: 32°N, 131°E O: 22-16-54 M: 4 ¹ / ₂
	Zose	e	19 45	
	Changchun	eP	19 40	
	Peking	eP	19 59	
	Canton	eS	24 14	
	Chengtu	eP	21 40	
		eS	25 47	
	Kunming	eP	22 10	
		eS	26 37	

Given by
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16 - 31, March 1961

✓	16.III	Canton	+iP	11 26 24	Epc: 5°S, 131°E O: 11-19-51
			gS	31 39	
		Zose	+iP	27 02	
			S	32 45	
		Nanking	oP	27 14	
			iS	33 12	
		Kunming	+iP	27 29	
			eS	33 36	
		Chengtū	+iP	27 54	
			iS	34 19	
		Sian	+iP	27 59	
			iS	34 29	
		Peking	+iP	28 20	
			S	35 03	
✓		Changchun	+iP	28 36	
			cS	35 25	
		Lhasa	+iP	28 52	
			iS	36 08	

✓	16.III	Canton	+iP	13 52 05	Epc: 8° $\frac{1}{2}$ S, 122°E O: 13-45-32 M: 6
			iS	57 19	
		Kunming	+iP	52 55	
			PP	54 19	
			iS	58 49	
		Zose	+iP	53 02	
			PP	54 38	
			S	59 03	
		Nanking	+iP	53 11	
			PP	54 49	
			iS	59 20	
		Chengtū	+iP	53 28	
			PP	55 09	
			iS	59 49	
		Sian	iP	53 41	
			iS	14 00 16	
		Lhasa	+P	13 54 14	
			PP	56 10	
		S	14 01 11		
	Peking	+iP	13 54 14		
		iS	14 01 12		
	Changchun	+iP	13 55 41		

✓	16.III	Canton	oP	18 27 46	Epc: 8° $\frac{1}{2}$ S, 122°E O: 18-21-12 M: 5 $\frac{1}{2}$
			eS	33 00	
		Kunming	P	28 35	
			PP	30 07	
			iS	34 29	

16. III *AmC.*

Zose	P	18 28 43
	S	34 43
Nanking	eP	28 52
	S	35 00
Chengtu	eP	29 07
	iS	35 29
Sian	iP	29 20
Lanchow	eP	29 47
Lhasa	P	29 52
	S	36 51
Peking	P	29 54
	S	36 54

17. III

Canton	eP	04 57 36	Epc: $8^{\circ}\frac{1}{2}S$, $122^{\circ}E$ O: 04-51-02
	eS	05 02 53	
Kunming	eP	04 58 27	
Zose	eP	58 33	
	eS	05 04 34	
Nanking	eP	04 58 44	
	eS	05 04 50	
Chengtu	P	04 58 59	
	eS	05 05 21	
Sian	eP	04 59 13	
Lanchow	eP	59 39	
Lhasa	eP	59 44	
	eS	05 06 42	
Peking	eP	04 59 47	

17. III

Zose	e	14 19 01	O = 14-07-08
Canton	e	19 12	
	e	30 02	
Nanking	e	19 14	
Changchun	P	19 26	
Peking	P	19 43	
	e(S)	30 08	
Kunming	eP	19 58	
	e	30 29	
	e	30 43	
Chengtu	e	20 04	
	e	31 23	

17. III

Zose	P	20 22 51	Epc: Kermadec. O: 20-10-23 M: 6-6 $\frac{1}{2}$
	S	33 13	
Canton	P	23 00	
	eS	33 27	
Nanking	eP	23 03	
	eS	33 31	
Changchun	+iP	23 17	
	eSKS	33 44	
Peking	+iP	23 32	
	eS	34 29	
Sian	P	23 43	

✓ *Cont*
17.III Kunming
Chengtu

eP 20 23 49
eS 35 02
eP 23 53
S 35 09

✓ 18.III Canton
Kunming
Zose
Chengtu
Sian
Lanchow
Lase
Peking

eP 02 15 09
-P 16 00
PP 17 28
S 21 52
-P 16 08
PP 17 44
S 22 09
-iP 16 33
iS 22 54
-iP 16 47
eP 17 13
-P 17 19
P 17 20
S 24 19

Epc: 8°S, 122°E
O: 02-08-37
M: 5

✗ 18.III Changchun
Peking
Kunming
Chengtu

eP 08 39 31
eS 50 12
eP 39 48
eSKS 50 19
eS 50 44
eP 40 02
eP 40 10
eSKS 50 47
eS 51 27

Epc: Tonga trench.
O: 08-26-40

✓ 18.III Canton
Zose
Nanking
Kunming
Chengtu
Sian
Lanchow

-P 15 07 38
iS 18 08
-P 07 57
SKS 18 23
S 18 45
-P 08 05
iS 19 02
-P 08 11
S 19 15
eP 08 50
SKS 19 07
iS 19 48
iP 08 33
eP 08 51

Epc: Auckland Is.
(New Zealand)
O: 14-54-58
M: 6½

✗ 18.III Zose
Canton
Nanking
Chengtu
Kunming

e 20 08 39
e(P) 09 05
e(S) 10 59
e 09 13
e 10 58
e(P) 10 58
e(P) 11 07
e 15 59

O= 20-06.6
M= 4½

✓	19.III	Changchun	P	04 55 08	Epc: 41°N, 145°E O: 04-51-32± M: 5½±
		Zose	eP	56 25	
		Peking	P	56 28	
			eS	05 00 25	
		Nanking	cP	04 56 36	
		Canton	eP	58 05	
		Kunming	P	59 00	
✓	19.III	Zose	P	07 25 40	Epc: New Hebrides. O: 07-14-52 M: 6½
			S	34 26	
		Canton	+1P	25 49	
			S	34 41	
		Nanking	eP	25 54	
			eS	34 50	
		Changchun	P	26 18	
			eS	35 40	
		Peking	P	26 35	
			S	36 09	
	Kunming	eP	26 44		
		eS	36 28		
	Chengtu	P	26 52		
		iS	26 43		
	Lhasa	P	27 45		
✓	19.III	Canton	P	07 56 51	Epc: Celebes. O: 07-51-31±
			S	08 01 10	
		Kunming	P	07 58 05	
		Chengtu	eP	58 28	
			S	06 03 59	
		Peking	eP	07 58 57	
		Lanchow	P	59 05	
	Changchun	P	59 17		
✓	19.III	Changchun	P	09 22 05	Epc: 36°N, 133°E O: 09-19-38
			S	23 58	
		Nanking	c(P)	23 07	
		Zose	e	23 14	
		Canton	eP	24 33	
		Lanchow	eP	24 51	
		Chengtu	e	25 03	
		Kunming	P	25 53	
✓	19.III	Canton	P	12 16 40	Epc: New Hebrides. O = 12-05-50
		Nanking	eP	16 45	
			e	23 25	
		Changchun	P	17 12	
			e	26 27	
		Peking	P	17 27	
			S	26 59	
		Kunming	P	17 37	
			eS	27 19	
	Chengtu	eP	17 45		

✓	19.III	Chengtu	eS	12 27 34	
		Lanchow	eP	17 58	
✗	19.III	Kunming	eP	12 54 43	
			e	13 00 29	
		Lanchow	P	12 55 54	
✗	19.III	Changchun	e	20 46 38	
		Peking	e	46 57	
		Kunming	e	47 11	
		Chengtu	e	47 21	
			e	48 36	
✓	20.III	Lhasa	eP	03 34 34	
		Lanchow	eP	35 58	
		Chengtu	e	36 14	
			e	41 15	
		Canton	e	37 47	
		Zose	e	38 10	
✓	20.III	Peking	e	06 35 16	0 = 06-31.2
		Zose	eP	35 27	
			e	38 54	
		Lanchow	e	35 31	
		Chengtu	P	35 40	
			e(S)	39 17	
		Canton	e	35 43	
			e	39 29	
		Kunming	e	35 55	
		✗	20.III	Canton	(e)
	e			31 40	
Kunming	e			31 43	
Chengtu	e			31 57	
	e			35 56	
Sian	i			31 56	
Peking	e			32 19	
Lanchow	e			32 35	
✓	20.III	Changchun	iP	11 41 31	Epc: 39°N, 141°E O: 11-38-33
		Peking	iS	43 49	
			P	42 54	
			S	46 22	
		Lanchow	P	44 30	
		Chengtu	iS	49 51	
		Zose	e	48 40	
		Canton	e	52 28	
Kunming	e	51 00			
✓	20.III	Zose	-iP	16 04 59	Epc: Tonga Is. O: 15-53-16 ht: 200km M: 6 $\frac{1}{4}$
			pP	05 51	
			sP	06 12	
			S	14 28	

Cont

✓	20.III	Canton	-iP	16 05 14
			sP	06 25
			iS	15 09
		Changechun	-iP	05 20
			sP	06 32
			iS	15 21
		Peking	-iP	05 40
			pP	06 34
			sP	06 52
		Sian	-iP	05 53
		Kunming	iP	06 03
			SKS	16 15
			iS	16 46
		Chongtu	-iP	06 05
			pP	07 00
			sP	07 18
			SKS	16 17
			iS	16 53
		Lanchow	P	16 15

✓	20.III	Zose	+iP	23 54 57
			S	00 05 20
		Canton	+iP	23 55 07
			S	00 05 40
		Nanking	+iP	23 55 09
			S	00 05 43
		Changechun	P	23 55 20
			eSKS	00 05 49
			S	06 03
		Peking	+iP	23 55 58
		Sian	iP	55 48
		Kunming	eP	55 53
			iSKS	00 06 31
			iS	07 06
		Chongtu	+iP	23 55 58
			iSKS	00 06 35
			iS	07 17
		Lanchow	P	23 56 08

Epc: Tonga Trench.
 O: 23-42-27
 M: 6½

✓	21.III	Nanking	eP	20 06 20
		Changechun	eP	03 50
			e(S)	16 50
		Peking	eP	07 03
			e(S)	17 17
		Kunming	eP	07 10
			e(S)	17 28
		Chongtu	eP	07 20
			e	17 44

Epc: South Fiji Basin.
 O: 23-54-43+

X	22.III	Zose	eP	04 23 20
			eS	30 56
		Nanking	eP	23 37

Epc: 110°S, 157°E
 O: 04-13-55

X	22. III	Peking	eP	04	24	26	
		Kunming	eP		24	34	
		Chengtu	eP		24	43	
			eS		33	27	
X	23. III	Canton	eP	01	52	55	Epc: 4°S, 121°E
			eS		57	54	O: 01-47-07±
		Kunming	eP		53	51	
		Zoso	eP		53	57	
		Sian	eP		54	39	
		Chengtu	eP		54	28	
		Changchun	e		55	43	
✓	24. III	Changchun	+iP	23	00	34	Epc: 36°N, 142°E
			S		03	21	O: 22-57-00
		Zoso	+iP		01	10	M: 5¼
			eS		04	29	
		Nanking	+iP		01	27	
			eS		05	05	
		Peking	+iP		01	39	
			eS		05	24	
		Sian	+iP		02	43	
		Canton	eP		02	55	
		Chengtu	+iP		03	27	
			S		03	38	
		Kunming	+iP		03	56	
	Lasa	+iP		05	02		
		S		11	25		
X	26. III	Canton	e	01	26	39	Epc: 15°½N, 122°½E
		Nanking	eP		25	43	O: 01-21-43
		Zoso	e		26	10	
		Kunming	eP		26	28	
			S		30	17	
		Chengtu	eP		26	44	
			S		30	46	
	Peking	eP		27	10		
✓	26. III	Canton	eP	14	34	04	Epc: 6°N, 127°E
			S		37	51	O: 14-29-23
		Zoso	+iP		34	45	h: 100km
			pP		35	05	M: 5½
			sP		35	14	
			S		39	05	
			ScS		45	34	
		Nanking	+P		34	59	
			pP		35	20	
			sP		35	29	
			eS		39	30	
			ScS		45	41	
		Kunming	P		35	23	
		S		40	10		

Cont

26.III	Chengtu	eP	14 35 45
		sP	36 16
	Sian	eP	35 46
	Peking	+iP	36 10
		sP	36 38
		iS	41 37
		ScS	46 21
	Changchun	eP	36 31
		sP	37 03
		eS	42 14
		ScS	46 32
	Lhasa	+iP	36 58
		eS	43 00

X

26.III	Peking	e	22 59 42
		i	23 00 24
		i	01 01
	Changchun	e	00 24
	Chengtu	e	05 17
		e	06 06

✓

28.III	Canton	+iP	09 41 19	Epc: 1°N, 123° $\frac{1}{2}$ E O: 03-36-02 M: 7
	Zose	+iP	42 10	
		S	47 06	
	Nanking	+iP	42 22	
		S	47 27	
	Kunming	+iP	42 22	
		S	47 26	
	Chengtu	+iP	42 52	
	Sian	+iP	43 01	
		S	48 38	
	Peking	+iP	43 29	
		S	49 27	
	Lanchow	+iP	43 32	
	Lhasa	+iP	43 52	
		iS	50 07	
	Changchun	+iP	43 54	

✓

28.III	Changchun	+iP	12 36 37	Epc: Aleutian Is. O: 12-29-13 M: 5 $\frac{3}{4}$ -6
		iS	42 36	
	Peking	P	37 43	
		S	14 30	
	Zose	+iP	38 03	
		S	45 10	
	Nanking	+iP	38 09	
		eS	45 17	
	Sian	+iP	38 42	
	Canton	+iP	39 20	
		S	47 32	
	Chengtu	P	39 21	
		iS	47 31	

Lhasa	eP	02 52
	e	05 53
Peking	e	03 17
	i	06 26
Nanking	eP	03 10
	e	06 27
Canton	e	03 13

X	30.III	Canton	i	12 06 35	
		Zose	eP	03 39	
		Changchun	eP	04 45	
			e(S)	08 26	
X	31.III	Changchun	P	05 24 22	Epc: Bonin Is.
		Nanking	eP	24 29	0: 05-20-00
			eS	28 04	
		Peking	eP	25 03	
		eS	29 06		
X	31.III	Peking	e	06 31 19	0=06-22.44
		Changchun	e	34 28	
		Chengtu	e	30 19	
X	31.III	Peking	e	11 08 20	
		Changchun	e	10 38	
		Chengtu	e	09 09	
		Kunming	e	10 21	

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PRELIMINARY SEISMOLOGICAL REPORT
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CENTRAL STATION "PEKING" AND AUXILIARY STATIONS

1 - 15, April 1961

X

1.IV	Changchun	eP	02 44 44	0: 02-40-25
		a(S)	48 10	
	Nanking	eP	44 51	
		e(S)	48 22	
	Canton	e	50 37	

✓

1.IV	Chengtu	-iP	15 23 33	Epc: 40°N, 78°E
		i(S)	27 37	0: 15-18-24
	Kunming	-iP	23 55	M: 6 $\frac{1}{4}$
		iS	28 20	
	Sian	-iP	23 55	
		i	28 36	
	Peking	-P	24 28	
		iS	29 20	
	Nanking	-iP	25 09	
		S	30 32	
	Canton	-iP	25 14	
		S	30 42	
	Changchun	-P	25 19	
		iS	30 52	
	Zose	-iP	25 29	
		iS	31 09	

X

2.IV	Zose	eP	02 48 35	Epc: Japan trench.
		eS	51 53	0: 02-44-24
	Nanking	eP	48 55	
		e(S)	52 35	
	Peking	eP	49 30	

✓

4.IV	Chengtu	eP	09 51 48	Epc: 40°N, 78°E
		(S)	55 55	0: 09-46-43
	Kunming	-P	52 12	M: 5 $\frac{3}{4}$ -6
		S	56 34	
	Peking	eP	52 43	
		(S)	57 38	
	Nanking	e(P)	53 25	
		S	58 51	
	Canton	+P	53 32	
		S	58 54	
	Changchun	eP	53 34	
		(S)	59 06	
	Zose	P	53 46	
		S	59 24	

X

5.IV	Canton	eP	04 44 33	Epc: 19°N, 123°E
	Kunming	eP	46 37	0: 04-42-02±
	Chengtu	eP	46 49	M: 4 $\frac{1}{2}$

✓	5.IV	Chengtu Peking	eS eP	04 50 39 47 02	
✓	6.IV	Chengtu Kunming Peking Nanking Canton Zose	-P e(S) -P (S) e e i i	01 38 59 43 07 39 21 43 55 49 49 41 06 53 47 53 58	O: 01-33.7 M: 4 $\frac{3}{4}$ -5
✓	6.IV	Kunming Canton Lhasa Chengtu Sian Lanchow Nanking Zose Peking Changchun	+iP S eP +iP eP S +iP eS +iP +iP eP +iP eP	14 10 14 14 39 10 37 10 55 11 04 16 08 11 45 17 22 11 50 12 05 12 12 12 52 13 44	Epc: 0° 96°E O: 14-04-44 M: 5
✓	6.IV	Lhasa Lanchow Kunming Chengtu Sian Peking Nanking Zose	eP S +iP +P iS eP eS eP eP eP eP	18 18 49 23 46 20 15 20 21 26 34 20 28 26 45 20 50 21 30 22 04 22 12	Epc: 28°N, 57°E O: 13-12-37 M: 5 $\frac{1}{4}$
✓	6.IV	Kunming Lhasa Chengtu Lanchow Nanking Peking	+iP S eP S eP S eP eP eS eP eS	22 31 49 36 04 32 26 37 08 32 38 37 29 33 24 33 41 39 24 34 26 40 47	Epc: 2°N, 96°E O: 22-26-33 M: 4 $\frac{3}{4}$
✓	7.IV	Peking Zose	-P eS eP	20 01 48 07 23 02 22	Epc: 56°N, 165°E O: 19-54-48 M: 5 $\frac{1}{2}$

Station	Phase	Time	Epc
7.IV Sian	eP	20 02 56	Epc: 39° ¹ / ₂ N, 72° ¹ / ₂ E O: 21-17-43 M: 4 ³ / ₄
Lanchow	+iP	03 16	
Chengtu	+iP	03 33	
	cS	10 40	
Canton	e(P)	03 48	
Kunming	+P	04 15	
	S	11 50	
Lhasa	+P	04 36	
	cS	12 29	
7.IV Lhasa	eP	21 21 57	
	eS	25 16	
Lanchow	eP	23 06	
Chengtu	eP	23 29	
	eS	28 07	
Sian	eP	23 48	
Kunming	eP	23 51	
Canton	eP	25 07	
Zose	eP	25 26	
8.IV Canton	eP	11 52 20	Epc: 9°N, 122° ¹ / ₂ E O: 11-48-23
	eS	55 26	
Zose	eP	53 24	
	e(S)	57 22	
Nanking	eP	53 34	
Kunming	eP	53 48	
	eS	58 10	
Chengtu	eP	54 17	
	cS	59 03	
Peking	(P)	54 48	
8.IV Canton	ePKP ₁	18 19 48	Epc: Chile. O: 17-59-43 M: 6 ¹ / ₄
	i	20 49	
	PP	24 23	
Lhasa	PKP ₁	19 49	
	PKP ₂	20 43	
	PP	24 28	
Changchun	PKP ₁	19 46	
	(PKP ₂)	20 52	
	PP	24 35	
Kunming	+PKP ₁	19 49	
	(PKP ₂)	20 51	
	PP	24 35	
Zose	ePKP ₁	19 48	
	PKP ₂	20 58	
	PP	24 43	
Nanking	PKP ₁	19 49	
	PKP ₂	21 09	
	PP	24 58	
Chongtu	+iPKP ₁	19 53	
	PKP ₂	21 15	
	PP	25 03	

✓

✓

✓

✓

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✓

✓

Cont.

✓	8.IV	Peking	+PKP ₁	18 19 52	
			(PKP ₂)	21 26	
			PP	25 13	
		Sian	*PKP	19 54	
			PP	25 28	
	Lanchow	*PKP	19 55		
✓	8.IV	Zose	P	21 42 23	Epc: 15°N, 146°E
			sP	43 00	O: 21-36-41
			S	46 59	h: 100km
		Nanking	-P	42 43	M: 6±
			sP	43 19	
			S	47 35	
		Canton	-P	42 57	
			sP	43 35	
		Changchun	-P	43 16	
			(sP)	43 48	
			PP	44 35	
			S	48 31	
		Peking	-P	43 36	
			pP	44 03	
			PP	45 00	
	S	49 07			
	Sian	-P	43 55		
	pP	44 24			
	S	49 44			
	Chengtū	-iP	44 10		
		sP	44 55		
		PP	45 57		
		S	50 24		
	Kunming	-iP	44 21		
		sP	45 01		
		PP	46 01		
		iS	50 31		
	Lanchow	P	44 34		
	Lhasa	-P	45 46		
		pP	46 14		
		sP	46 26		
		S	53 02		
✓	9.IV	Zose	e	09 32 30	O: 09-21.7
		Canton	e	32 35	
		Nanking	e	32 43	
		Changchun	e	33 01	
		Kunming	e	33 22	
		Chengtū	e	33 30	
		Lanchow	e	33 43	
✓	9.IV	Zose	P	15 36 52	Epc: 23° ³ / ₂ N, 123°E
			iS	38 18	O: 15-35-02

cont

✓

9.IV Canton	+iP	15 37 03	h: 25km± M: 6 $\frac{1}{2}$ -6 $\frac{3}{4}$
	iS	38 43	
Nanking	+iP	37 12	
	iS	38 54	
Dairan	eP	38 42	
Sian	P	38 46	
Peking	+iP	39 05	
	iS	42 13	
Chengtu	+iP	39 11	
	iS	42 30	
Kunming	+iP	39 17	
	iS	42 41	
Tatung	P	39 18	
Changchun	+iP	39 39	
	iS	43 21	
Suihwa	eP	40 11	
Lhasa	P	41 04	

✓

X

12.IV Changchun	eP	15 06 03	Epc: 44°N, 150° $\frac{1}{2}$ E O: 15-01-50
Peking	P	07 23	
	eS	11 50	
Zose	e	12 23	
Nanking	eP	07 43	
Chengtu	eP	09 18	
Kunming	eP	09 54	

✓

12.IV Canton	eP	17 23 14	Epc: 2°S, 125°E O: 17-17-44 h: 150km
	pP	23 43	
	sP	24 00	
	eS	27 39	
Zose	P	24 07	
Nanking	eP	24 16	
	pP	25 46	
	sP	26 02	
Kunming	eP	24 16	
Chengtu	P	24 47	
	pP	25 16	
	sP	25 34	
Sian	P	24 55	
Peking	eP	25 24	

✓

✓

12.IV Changchun	eP	17 32 26	Epc: 48° $\frac{1}{2}$ N, 154° $\frac{1}{2}$ E O: 17-27-50
Zose	eP	34 05	
	S	39 03	
Nanking	eP	34 09	
	eS	39 16	
Sian	P	34 54	
Lanchow	P	35 13	
Chengtu	eP	35 39	
Kunming	eP	36 15	
	eS	43 00	

Cont. No. 1

✓ 12.IV Zose P 17 56 41 Epc: 23°N, 143°E
 eS 18 00 30 O: 17-51-56
 Nanking eP 17 57 03
 eS 18 01 10
 Changchun eP 17 57 22
 Kunming eP 59 05

✓ 12.IV Sian e(PKP) 22 39 36 Panama.
 Lanchow e(PKP) 39 36 O: 22-20.2
 Chengtu ePKP 39 45 M: 6
 e 43 11
 Canton ePKP 39 54
 ePP 43 22
 Kunming ePKP 39 55
 ePT 43 26

✓ 13.IV Lhasa -iP 16 38 13 Epc: 40°N, 78°E
 Lanchow P 39 24 O: 16-34-37
 Chengtu -iP 39 49 M: 6 $\frac{1}{2}$ -6 $\frac{1}{2}$
 iS 44 04
 Sian P 40 10
 Kunming +P 40 11
 iS 44 38
 Peking +iP 40 44
 S 45 35
 Nanking +P 41 25
 iS 46 52
 Canton +P 41 28
 (S) 46 56
 Changchun +iP 41 34
 eS 47 08
 Zose +iP 41 44
 (S) 47 21

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1961 IV 23

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 Peking China.

PRELIMINARY SEISMOLOGICAL REPORT
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16 - 30, April 1961

✓	16.IV	Changchun	-iP	11 45 54	Epc: Aleution Is. O: 11-39-34±
		Zose	S	50 58	
		Nanking	e(P)	47 35	
		Sian	eP	47 40	
		Lanchow	eP	48 15	
		Chengtu	P	48 30	
		Kunming	eP	48 59	
			P	49 37	
X	16.IV	Zose	eP	12 13 59	Epc: 4°S, 149°E O: 12-05-46
		Nanking	eS	20 33	
		Changchun	eP	14 15	
			eP	15 00	
			eS	22 25	
		Sian	eP	15 15	
		Chengtu	P	15 26	
X	16.IV	Chengtu	+iP	15 08 48.5	Epc: 33°N, 103° $\frac{1}{2}$ E O: 15-08-01 M: 4 $\frac{1}{4}$
		Lanchow	iS	09 20	
			eP	09 05	
			S	09 42	
		Sian	eP	09(23)	
		Kunming	e(P)	10 04	
			iS	11 33	
		Peking	e	11 10	
		Nanking	e	14 17	
		Zose	e	14 38	
		Changchun	i	18 46	
X	17.IV	Changchun	P	13 11 31	
			e	15 03	
		Zose	e(P)	12 12	
			e	15 42	
		Nanking	e(P)	12 36	
			e	16 29	
		Peking	e	13 10	
		e	17 57		
X	17.IV	Kunming	-iPn	18 13 51	Epc: 27°N, 100° $\frac{1}{2}$ E O: 18-13-06 M: 4 $\frac{1}{4}$ -4 $\frac{1}{2}$
			iSn	14 25	
			iS	14 29	
		Chengtu	+(P)	14 28	
		Nanking	e	20 52	
		Zose	e	21 02	

18.IV Zose eP 05 00 26 Epc: Ryukyu Is.
 X Sian e(S) 02 02 O: 04-56-20±
 Chengtu eP 02 22 M: 4½
 Kunming eP 02 55
 eS 06 33
 eP 03 01

19.IV Lhasa eP 07 01 36 Epc: Baluchistan.
 X Lanchow P 03 26 (巴基斯坦)
 Kunming eP 03 31 O: 06-57-29±
 Chengtu e(S) 08 20
 e 03 41
 e 08 42

19.IV Changchun +iP 16 16 18 Epc: Kuril Is.
 ✓ Peking i 16 32 O: 16-12-34
 Zose P 17 43 M: 5
 Nanking i 17 55
 S 21 53
 P 17 53
 i 18 14
 eS 22 12
 eP 18 03
 i 18 16
 S 22 28
 eP 18 53
 Sian P 19 18
 Lanchow eP 19 25
 Canton eS 24 56
 Chengtu P 19 39
 i 19 51
 iS 25 19
 Kunming P 20 15
 i 20 27
 iS 26 23
 Lhasa eP 21 02
 S 27 48

19.IV Changchun P 20 23 58 Epc: 44°½N, 152°E
 ✓ Peking P 25 17 O: 20-19-41
 Zose eS 29 47 M: 5½
 Nanking P 26 28
 eS 30 06
 eP 25 37
 eS 30 21
 Sian P 26 27
 S 31 51
 Lanchow iP 26 51
 Canton P 27 00
 S 32 52
 Chengtu P 27 13

✓	19.IV	Kunming	eP	20 27 48	
			iS	34 14	
✓	19.IV	Peking	P	22 13 18	Epc: $44^{\circ}\frac{1}{2}N$, $152^{\circ}E$
			eS	17 48	O: 22-07-42
		Zose	P	13 29	M: 5
			eS	16 06	
		Nanking	eP	13 36	
		Sian	P	14 23	
		Lanchow	+iP	14 54	
		Canton	eP	15 01	
			eS	20 51	
		Chengtu	+iP	15 15	
			S	21 19	
		Kunming	+iP	15 49	
✓	20.IV	Zose	eP	21 51 19	Epc: Fiji Is.
			eS	22 00 54	O: 21-39-38
		Nanking	eP	21 51 32	M: 5 ₊
		Changchun	P	51 37	
			eS	22 01 31	
		Peking	P	21 51 59	
		Kunming	eP	52 28	
		Chengtu	eP	52 29	
	21.IV	Changchun	eP	19 35 24	Epc: Kuril Is.
			eS	39 18	O: 19-30-33 ₊
		Peking	e	36 52	M: 4 $\frac{3}{4}$
		Zose	e	36 53	
			eS	41 58	
		Nanking	eP	37 03	
			eS	42 15	
		Chengtu	eP	38 33	
		Kunming	e	39 09	
			eS	45 56	
✓	21.IV	Changchun	eP	20 15 20	Epc: $48^{\circ}N$, $153^{\circ}\frac{1}{2}E$
			S	19 06	O: 20-01-46
			i	19 16	M: 5 $\frac{1}{4}$
		Peking	eP	16 41	
			S	21 23	
		Zose	eP	16 55	
			eS	21 55	
		Nanking	eP	17 05	
			eS	22 07	
		Sian	eP	17 49	
			S	23 29	
		Lanchow	eP	18 08	
		Chengtu	eP	18 33	
			eS	24 48	
		Kunming	eP	19 09	
			eS	25 54	

✓ *Cont*
21.IV Lhasa ✓

eP 20 19 48
eS 27 06

21.IV Changchun

+iP 21 34 20
pP 34 36
PP 36 06

Epc: 52°N, 172°W

O: 21-26-39

h: 50km

M: 5 $\frac{1}{4}$

✓ Peking

+iP 35 24
eS 42 24

Zose

+P 35 44
pP 36 01

Nanking

eS 43 04
eP 35 50

Sian

P 36 25
(pP) 36 38

Lanchow

eS 44 16

Chengtu

P 36 37
P 37 03

Kunming

(pP) 37 18
eS 45 29

✓ Lhasa

+P 37 33
pP 37 49
eS 46 27
+iP 37 58
eS 47 10

X 22.IV Nanking

eP 00 38 43

Zose

e 43 59

Changchun

P 39 30
e(S) 46 52

Chengtu

eP 39 54

X 22.IV Zose

eP 19 07 26

Epc: Bismarok,

O: 18-59-16

M: 5

Canton

eS 13 59
eP 07 31

Nanking

S 14 07
eP 07 48

Peking

eS 14 33
eP 08 39

Sian

eS 16 09
eP 08 41

Chengtu

eP 08 53
eS 16 37

Changchun

P 08 29
eP 08 44

Kunming

S 16 22
eP 08 49

Lhasa

eP 08 49

Lanchow

eP 09 14

✓ 23.IV Zose

+iP 05 16 36
S 18 25

Epc: 26°N, 130° $\frac{1}{2}$ E

O: 05-14-16

M: 5 $\frac{1}{2}$

✓ Nanking

+P 17 06
S 19 20

Cont.

✓ 23.IV Canton C5 17(57)

Changchun	eP	18 35
	+iP	21 58
	S	18 35
Peking	+iP	21 59
	S	18 55
Sian	+iP	22 44
	S	19 27
Chengtu	eP	23 39
	iS	19 41
Lanchow	P	19 44
Kunming	+iP	24 04
	iS	21 14
Lhasa	P	

✓ 23.IV Changchun 09 05 48 Epc: 45°N, 151°E

Peking	+iP	07 11	O: 09-01-38
	+iP	11 39	M: 6½
	iS	07 21	
Zose	+iP	11 56	
	iS	07 29	
Nanking	+iP	12 12	
	iS	08 20	
Sian	+iP	08 44	
Lanchow	+iP	14 25	
	S	08 54	
Canton	+iP	09 09	
	i	10 23	
	PP	14 40	
	iS	09 06	
Chengtu	+iP	09 20	
	i	10 37	
	PP	15 02	
	iS	09 41	
Kunming	+iP	09 55	
	i	16 07	
	iS	10 28	
Lhasa	+iP	12 21	
	PP		

✓ 23.IV Changchun 12 22 03 Epc: 45°N, 151°E

Peking	P	23 24	O: 12-17-48
	+P	27 54	M: 4¾
Zose	eS	23 33	
	eP	28 10	
	eS	23 42	
Nanking	eP	28 25	
	eS	24 33	
Sian	P	29 53	
	S	25 06	
Canton	eP	25 19	
Chengtu	P	25 55	
Kunming	+P	32 19	
	S	26 40	
Lhasa	eP		

23. IV Changchun P 14 59 31 Epc: 45°N, 151°E
 Peking eP 15 00 51 O: 14-55-16
 eS 05 19
 Zose eP 01 00
 Nanking eP 01 06
 Lanchow P 02 24
 Chengtu eP 02 46
 Kunming eP 03 22

23. IV Changchun eP 16 55 08 Epc: 45°N, 151°E
 Peking +iP 56 29 O: 13-50-50
 S 17 00 56 M: 5 $\frac{1}{4}$
 Zose +P 16 56 39
 eS 17 01 13
 Nanking eP 16 56 48
 eS 17 01 32
 Sian eP 16 57 38
 Lanchow P 58 03
 Canton eP 58 13
 S 17 04 00
 Chengtu +iP 16 58 25
 S 17 04 20
 Kunming +P 16 59 00
 S 17 05 24
 Lhasa P 16 59 46
 S 17 06 46

24. IV Changchun P 12 31 45 Epc: 45°N, 151°E
 Peking +P 33 06 O: 12-27-33
 Zose eP 33 15 M: 4 $\frac{3}{4}$
 eS 37 51
 Nanking eP 33 24
 Sian +iP 34 14
 Lanchow eP 34 59
 Chengtu eP 35 01
 Kunming P 35 36
 eS 42 00
 Lhasa eP 36 22

25. IV Changchun +iP 01 21 46 Epc: 45°N, 151°E
 Peking +iP 23 07 O: 01-17-37
 i 27 41 M: 5 $\frac{1}{2}$
 Zose +iP 23 16
 eS 27 52
 Nanking +P 23 25
 iS 28 03
 Sian P 24 15
 Chengtu +iP 25 02
 iS 30 57
 Kunming +iP 25 37
 iS 32 02
 Lhasa +P 26 23
 S 33 26

26.IV	Changchun	+iP	07 43 04	Epc: 45°N, 151°E
	Peking	+iP	44 26	O: 07-38-54
		S	48 54	M: 6-
	Zose	+iP	44 36	
		S	49 12	
	Nanking	+iP	44 44	
		S	49 26	
	Lanchow	+iP	46 00	
		S	51 40	
	Canton	+iP	46 08	
		S	51 56	
	Chengtu	+iP	46 21	
		S	52 16	
	Kunming	+iP	46 56	
		iS	53 21	
	Lhasa	+iP	47 43	

26.IV	Changchun	P	19 36 41	Epc: 45°N, 151°E
	Peking	+P	38 01	O: 19-32-32
		e	42 33	M: 4 $\frac{3}{4}$
	Zose	eP	38 11	
	Nanking	eP	38 19	
	Lanchow	+iP	39 35	
	Chengtu	P	39 57	
		S	45 51	
	Kunming	+P	40 32	
		S	46 36	
	Lhasa	eP	41 15	

29.IV	Vinchuan	P _n	10 46 39	Epc: 42°N, 105°E
	Wuwei	P _n	46 48	O: 10-45-37
	Lanchow	-P	47 08	M: 5 $\frac{1}{4}$
	Sian	P	47 38	
	Peking	e(P)	47 45	
		e(S)	49 22	
	Chengtu	e(P)	48 21	
		(S)	50 28	
	Nanking	-P	49 09	
		e	52 10	
	Changchun	+P	49 15	
		e(S)	52 09	
	Kunming	e(P)	49 36	
	Zose	+eP	49 38	
		e(S)	52 50	
	Canton	-P	50 14	
		S	53 55	

29.IV	Changchun	-iP	09 31 02	O: 09-19-21
		S	40 37	M: 6 $\frac{1}{4}$
	Peking	-P	31 45	
		(S)	42 01	

Date	Location	Code	Time	Epicenter
29.IV	Zose	-P	09 32 03	Epc: Jan Magen. I. (楊邁島) O: 09-29-12
	Nanking	-P	32 07	
		eSKS	42 30	
		S	42 44	
	Lanchow	-iP	32 33	
	Chengtu	eP	32 52	
	Canton	eP	32 56	
	eS	44 17		
	Kunming	eP	33 20	
29.IV	Changchun	eP	09 39 25	Epc: 45°N, 151°E O: 11-00-31
		iS	47 42	
	Peking	P	39 38	
		S	48 04	
	Lanchow	P	39 41	
	Chengtu	oP	40 13	
		iS	49 14	
	Nanking	eP	40 29	
		S	49 42	
	Zose	P	40 39	
	S	50 00		
	Kunming	eP	40 43	
		S	50 09	
30.IV	Changchun	eP	11 04 40	Epc: 45°N, 151°E O: 11-15-15 M: 5½
	Peking	eP	06 04	
	Zose	eP	06 14	
	Nanking	eP	06 26	
	Chengtu	eP	07 59	
	Kunming	eP	08 34	
30.IV	Changchun	eP	11 19 22	Epc: Near Tonga. O: 14-48-15+
	Peking	+iP	20 45	
		eS	25 11	
	Zose	P	20 54	
		S	25 25	
	Nanking	*P	21 03	
	Lanchow	P	22 18	
		eS	27 54	
	Canton	eP	22 27	
		eS	28 14	
	Chengtu	+iP	22 39	
		eS	28 33	
Kunming	+iP	23 15		
	iS	29 39		
	Lhasa	eP	24 01	
		eS	31 00	
30.IV	Zose	eP	15 00 10	Epc: Near Tonga. O: 14-48-15+
		eS	09 55	
	Nanking	eP	00 23	
		eS	10 23	

Contr.

30.IV	Canton	eP	15 00 29
		eS	10 35
✓	Peking	eP	00 49
		eS	11 14
	Chengtu	eP	01 13
	Kunming	eP	01 14

Given by
S. P. Lee (Chief)
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1961 VI 13

Division of Seismology,
Institute of Geophysics, Academia Sinica
Peking China.

PRELIMINARY SEISMOLOGICAL REPORT
OF
CENTRAL STATION "PEKING" AND AUXILIARY STATIONS

1 -15 May 1961

X

2.V	Zose	eP	19 50 41	Epc: Kermadec Trench.
	Canton	P	50 46	O: 19-37.9
	Nanking	eP	50 52	
	Changchun	iP	51 08	
		e(S)	20 02 13	
	Peking	eP	19 51 23	
		e(S)	20 02 41	
	Kunming	eP	19 51 31	
	Chengtu	eP	51 40	

✓

2.V	Zose	+P	22 57 12	Epc: Kermadec Trench,
		SKS	23 07 36	O: 22-44-30
		S	07 45	M: 6 $\frac{1}{2}$
	Canton	+iP	22 57 19	
		eS	23 07 59	
	Nanking	+iP	22 57 24	
	Changchun	+iP	57 40	
		eSKS	23 08 10	
		iS	08 38	
	Peking	+iP	22 57 54	
		SKS	23 08 26	
		S	09 05	
	Kunming	+iP	22 58 03	
		SKS	23 08 39	
	Chengtu	+iP	22 58 11	
		i(SKS)	23 08 45	
		S	09 35	

✓

5.V	Zose	eP	13 55 47	Epc: Kermadec Trench.
		eSKS	14 06 12	O: 13-43-02
	Canton	eP	13 55 54	M: 6
		SKS	14 06 21	
	Nanking	eP	13 55 57	
		SKS	14 06 24	
		S	06 41	
	Changchun	P	13 56 13	
		iS	14 07 13	
	Peking	eP	13 56 28	
		iSKS	14 07 04	
		S	07 39	
	Kunming	eP	13 56 36	
		SKS	14 07 14	
		S	07 56	
	Chengtu	eP	13 56 44	
		SKS	14 07 23	
		iS	08 10	

6.V	Canton	eP	22 37 33	Epc: Philippine.
		S	41 19	O: 22-32-52
	Zose	eP	38 12	L: 5
✓	Nanking	e(S)	42 34	
		eP	38 26	
		eS	42 54	
	Kunming	eP	39 00	
	Sian	eP	39 17	
		S	44 25	
	Chengtu	e	39 24	
✓	Peking	eP	39 38	
		e	45 03	
	Lanchow	e	39 47	

6.V	Zose	eP	23 24 10	Epc: New Hebrides.
		eS	32 58	O: 23-13-21
✓	Canton	eP	24(18)	M: 6±
		eS	33(19)	
	Nanking	eP	24 24	
	Changchun	+iP	24 49	
		S	34 13	
	Peking	P	25 04	
		e(S)	34 41	
	Sian	+iP	25 13	
		e	34 52	
	Kunming	+P	25 14	
		S	34 59	
	Chengtu	eP	25 22	
		S	35 14	
✓	Lanchow	+iP	25 38	
	Lhasa	eP	26 14	
		PP	29 46	
		S	37 00	

7.V	Zose	+P	00 34 18	Epc: 5°S, 155° ¹ / ₂ E
		S	41 16	O: 00-25-35
✓	Canton	+iP	34 26	M: 6
		iS	41 33	
✓	Nanking	+iP	34 35	
		eS	41 49	
✓	Changchun	+iP	35 11	
✓	Peking	+iP	35 24	
		S	43 23	
✓	Sian	+iP	35 33	
✓	Kunming	+iP	35 36	
		S	43 39	
	Chengtu	S	43 56	
✓	Lanchow	+iP	36 03	
		S	44 31	
✓	Lhasa	iP	36 50	
		PP	39 30	
		S	45 59	

7.V Canton eP 04 38 32 Epc: Java
 Kunming eS 43 40 O: 04-32-11
 Chengtu eP 38 59 M: 5½
 Zose eS 44 27
 Nanking P 39 40
 Sian S 45 40
 Lhasa +iP 39 50
 Lanchow S 45 57
 Peking +iP 39 54
 Changchun S 46 03
 Sian +iP 40 06
 Lhasa iP 40 07
 Lanchow PP 41 58
 Peking iS 46 26
 Changchun +iP 40 23
 Sian +iP 40 52
 Lhasa eS 47 47
 Lanchow +iP 41 28
 Peking eS 48 56

7.V Canton eP 10 27 31 Epc: Mindanao
 Zose S 31 17 O: 10-22-52
 Nanking +P 28 10 M: 6
 Kunming eS 32 26
 Chengtu eP 28 25
 Sian P 28 50
 Peking S 53 39
 Lanchow +iP 29 12
 Changchun S 54 15
 Lhasa +iP 29 15
 Lanchow P 29 38
 Changchun S 35 02
 Lhasa +iP 29 48
 Lanchow +iP 29 55
 Changchun S 35 31
 Lhasa P 30 26
 Lanchow S 36 33

7.V Changchun +iP 12 17 07 Epc: 35°N, 135°E
 Zose -iP 17 08 O: 12-14-10
 Nanking eS 19 25 M: 4¾
 Peking eP 17 29
 Sian -iP 17 55
 Canton S 20 53
 Lanchow eP 19 13
 Chengtu eP 19 13
 Kunming eS 23 16
 Lhasa P 19 38
 Lanchow P 19 49
 Chengtu P 20 17
 Kunming P 20 17
 Lhasa eP 21 30

19

8.V	Peking	PKP1	43 08	Epc: Chile,
		PKP2	44 00	01 19-23-56
		ePP	45 14	
	Zose	+PKP1	43 42	
		PKP2	44 16	
		ePP	48 36	
	Nanking	PKP1	43 42	
		PKP2	44 53	
		PP	48 43	
	Lanchow	PKP	43 43	
	Sian	PKP	43 44	
		PP	48 48	
	Chengtū	PKP1	43 45	
		PKP2	45 10	
		PP	48 57	
	Kunming	PKP1	43 46	
		PKP2	45 17	
		PP	49 10	
	Canton	ePKP	43 47	
		PP	49 21	

X

9.V	Zose	eP	17 31 41	Epc: Philippine.
	Nanking	eP	32 10	Q: 17-27-46+
		e(S)	35 21	
	Kunming	eP	32 22	
		e(S)	36 05	
	Chengtū	eP	32 45	
	Sian	P	32 49	
	Peking	eP	33 21	
	Changchun	eP	33 54	

✓

11.V	Changchun	PKP1	08 58 27	Epc: Chile.
		PKP2	59 27	O: 08-38-25
		e(PP)	09 03 16	M: 6
	Lhasa	PKP1	08 58 31	
		PKP2	59 29	
		PP	09 03 14	
	Canton	ePKP	08 58 29	
		ePP	09 03 15	
	Kunming	PKP	08 58 32	
		PP	09 03 23	
	Zose	ePKP	08 58 35	
		PP	09 03 31	
	Nanking	ePKP	08 58 34	
		PP	09 03 41	
	Lanchow	PKP	08 58 36	
	Chengtū	ePKP	58 36	
		PP	09 03 52	
	Peking	ePKP1	08 58 36	
		ePKP2	09 00 07	
		PP	03 56	

11.V Changchun P 13 40 34 Epc: Kuril Is.
 Peking eP 41 55 O: 13-36-28
 eS 46 17
 Lanchow eP 43 30
 Chengtu eP 43 50
 Kunming eP 44 26

12.V Kunming P 03 45 48 Epc: Sumatra;
 eS 50 22 O: 03-40-06
 Lhasa eP 46 30 M: 5
 Chengtu eP 46 35
 eS 51 46
 Sian eP 47 14
 Lanchow eP 47 21
 Nanking eP 47 35
 Zose eP 47 40
 Peking eP 48 18
 eS 54 53
 Changchun eP 49 08

12.V Nanking eP 04 57 14 Epc: Kermadec Trench.
 Changchun P 57 25 O: 04-44-20
 eS 05 08 21
 Peking eP 04 57 41
 eSKS 05 08 15
 eS 08 50
 Kunming eP 04 57 49
 eSKS 05 08 23
 eS 09 08
 Chengtu eP 04 57 57
 eSKS 05 08 35
 eS 09 21

12.V Nanking eP 06 49 34 Epc: 25°N, 126°E
 Peking eP 51 24 O: 06-47-20
 S 54 36 M: 4 (PK)
 Changchun eP 51 37
 Chengtu eP 51 52
 eS 55 29
 Kunming eP 52 03
 Lanchow P 52 13

13.V Zose +P 14 31 12 Epc: Kermadec Trench.
 eS 41 39 O: 14-18-36
 Canton eP 31 20 M: 6
 eS 41 55
 Nanking +P 31 24
 eSKS 41 49
 eS 42 03
 Changchun eP 31 39
 eSKS 42 09
 S 42 33

ent

13.V Peking	eP	14 31 55
	eSKS	42 29
	iS	43 03
Sian	eP	32 03
Kunming	eP	32 04
	eS	43 20
Chengtu	+P	32 11
	SKS	42 47
	S	43 34

13.V Zose	eP	15 03 47
	S	12 45
Nanking	+iP	03 59
	pP	05 56
	S	13 09
Canton	P	04 02
	iS	13 12
Changchun	+iP	04 10
	pP	06 01
	iS	13 34
Peking	+iP	04 29
	S	14 10
Sian	+P	04 43
	iS	14 38
Kunming	+iP	04 50
	pP	06 49
	S	14 48
Chengtu	+iP	04 54
	pP	06 54
	iS	14 58
Lanchow	+iP	05 05

Epc: Southern Fiji Ridge,
 O: 14-52-55
 h: 540km
 M: 6

13.V Changchun	eP	15 53 19
Peking	P	54 43
	eS	59 05
Zose	+iP	54 52
	eS	59 18
Nanking	eP	55 01
	eS	59 36
Sian	P	55 54
Lanchow	+iP	56 19
Canton	+P	56 25
Chengtu	+iP	56 40
	eS	16 02 34
Kunming	+iP	15 57 15
	eS	16 03 36
Lhasa	P	15 58 03

Epc: 45°N, 150°E
 O: 15-49-18
 M: 4½ - 5

13.V Zose	P	19 21 04
Canton	+P	21 39
Peking	eP	23 06

Epc: 26°N, 122°E
 O: 19-19-28±
 M: 5¼

Cont

13.V Peking
 Chengtu
 Kunming
 Changchun
 Lanchow

eS 19 25 58
 eP 23 22
 iS 26 26
 eP 23 33
 S 26 47
 P 23 38
 S 26 56
 P 23 46

14.V Zose
 Canton
 Nanking
 Changchun
 Peking
 Kunming
 Chengtu

eP 02 55 50
 eSKS 03 06 10
 eS 06 24
 eP 02 55 57
 eS 03 06 37
 eP 02 56 02
 eS 03 06 44
 eP 02 56 18
 S 03 07 41
 eP 02 56 42
 SKS 03 07 16
 eS 07 59
 eP 02 56 49
 SKS 03 07 28
 eS 08 15

Epc: Kermadec Trench.
 O: 02-45-10

15.V Zose
 Canton
 Nanking
 Changchun
 Peking
 Chengtu
 Lanchow

e 19 22 49
 eS 31 06
 eP 22 47
 e 22 56
 S 31 23
 e(P) 22 54
 e 23 04
 eS 31 33
 eP 23 20
 e 23 34
 eS 32 28
 eP 23 35
 i 23 45
 eS 32 56
 eP 23 55
 i 24 08
 S 33 51
 P 24 09

Epc: New Hebrides.
 O: 19-12-10

15.V Zose
 Canton
 Nanking

P 21 04 54
 eS 14 05
 -iP 05 07
 pP 07 00
 eS 14 30
 -P 05 07
 pP 07 01
 eS 14 33

Epc: Southern Fiji Ridge.
 O: 20-53-48
 h: 540km

15, V <i>Cook</i>	Changchun	-iP	21 05 19
		pP	07 11
		S	14 58
✓	Peking	-P	05 37
		pP	07 30
		eSKS	15 13
		iS	15 32
	Chengtu	eP	05 59
		pP	07 52
		SKS	15 41
		S	16 16

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1961 VII 10
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PRELIMINARY SEISMOLOGICAL REPORT
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CENTRAL STATION "PEKING" AND AUXILIARY STATIONS

16-31, May 1961

✓ 16.V

Zose	eP	17 40 02	Epc: Kermadec Trench. O: 17-27-32
Canton	eS	50 23	
Nanking	+P	40 07	
Changchun	eS	50 34	
Peking	eP	40 13	
Kunming	eP	40 29	
	eP	40 42	
	eP	40 52	
	eSKS	51 29	
Chengtu	eS	52 01	
	e(P)	40 57	
	eSKS	51 35	
	e(S)	52 25	

✓ 16.V

Zose	+iP	21 47 42	Epc: 30°N, 133°E O: 21-45-15 M: 6
Nanking	+iP	48 10	
Changchun	eS	50 26	
	+iP	48 51	
	S	51 41	
Peking	+iP	49 12	
	S	52 18	
Canton	+iP	49 53	
	eS	53 01	
Sian	+iP	49 57	
	iS	53 40	
Chengtu	+iP	50 40	
	S	54 57	
Lanchow	+iP	50 41	
	iS	55 02	
Kunming	+P	51 01	
	S	55 41	
Lhasa	e	52 22	

✓ 17.V

Changchun	+iP	19 35 55	Epc: 53°N, 175°E O: 19-29-22 M: 6
Peking	+iP	37 03	
	S	43 17	
Zose	+iP	37 27	
	PP	39 07	
	S	43 56	
Nanking	+iP	37 32	
	S	44 06	
Sian	+iP	38 09	
	eS	45 12	
Lanchow	+iP	38 23	
Canton	+iP	38 49	
	eS	46 24	
Chengtu	+iP	38 50	
	iS	46 26	

17.V *Cont.* Kunming +iP 19 39 23
 S 47 27
 Lhasa +P 59 51
 eS 48 20

18.V Chengtu oP 00 25 18
 Lhasa eP 25 47
 eS 27 19
 Kunming e(P) 26 03
 cS 27 55
 Peking e(P) 27 18
 e(S) 30 06
 Nanking eP 27 41
 Zose eP 28 10
 eS 31 47
 Changchun cP 28 49
 eS 33 00

Epc: 34°N, 98°E
 O: 00-23-37
 M: 4 $\frac{3}{4}$

18.V Zose oP 20 43 35
 Nanking eP 43 44
 Chengtu eP 44 25
 Peking eP 44 56
 eS 50 23
 Lanchow eP 45 05
 Changchun P 45 17
 eS 51 05
 Lhasa eP 45 58
 S 51 38

Epc: Mindanao,
 O: 20-38-06

19.V Zose +iP 16 59 18
 Canton -iP 39 40
 Nanking +P 39 40
 i 41 32
 Sian +iP 41 21
 (S) 44 31
 Peking +iP 41 29
 iS 44 46
 Chengtu -iP 41 43
 S 45 08
 Kunming -iP 41 49
 iS 45 28
 Changchun -iP 41 57
 i(S) 45 39
 Lanchow -iP 42 10
 i(S) 46 03
 Lhasa eP (43)32

Epc: 23° $\frac{1}{2}$ N, 124°E
 O: 16-37-20
 M: 5

20.V Changchun eP 11 54 54
 PeKing eP 56 18
 eS 12 00 34
 Zose eP 11 56 31

Epc: 45°N, 148° $\frac{1}{2}$ E
 O: 11-50-(59)

20.V	Nanking	eP	11 53 41	
	Canton	eP	58 07	
	Chengtu	eP	58 15	
	Kunming	eP	58 50	
22.V	Zose	+P	13 56 45	Epc: Tonga Trench. O: 13-44-23 M: 6
		-ipP	53 59	
		S	14 03 57	
	Nanking	+iP	13 56 58	
		pP	57 10	
		eSKS	14 07 19	
		eS	07 28	
	Canton	+iP	13 56 59	
		-ipP	57 10	
	Changchun	+iP	57 08	
		-ipP	57 19	
		eS	14 07 43	
	Peking	+iP	13 57 26	
		-ipP	57 58	
		SKS	14 07 54	
		S	08 31	
	Kunming	P	13 57 46	
		-pP	57 57	
		SKS	14 08 21	
		S	09 00	
Chengtu	+P	13 57 50		
	-pP	58 01		
	iSKS	14 08 23		
	iS	09 06		
Lanchow	+iP	13 58 00		
	SKS	14 08 35		
	S	09 27		
Lhasa	e	13 58 38		
22.V	Zose	eP	17 44 37	Epc: Kermadec Trench. O: 17-32-22 M: 6
		eS	54 36	
	Canton	eP	44 44	
		iS	54 59	
	Nanking	eP	44 46	
		S	55 01	
	Changchun	+iP	44 58	
		SKS	55 13	
		eS	55 27	
	Peking	eP	45 14	
		SKS	55 27	
		S	56 00	
	Sian	eP	45 27	
	Kunming	P	45 32	
	SKS	56 00		
	S	56 32		
Chengtu	eP	45 36		
	iSKS	56 04		

22.V *Cont*
Chengtu
Lanchow

S 17 56 41
+iP 45 47
SKS 56 17
S 57 03

23.V
Lhasa
Lanchow
Chengtu

+iP 02 54 27
PP 56 27
S 03 01 44
+iP 02 55 17
+iP 55 33
+pP 55 45
iS 03 03 52
+iP 02 55 44
-pP 55 56
PP 58 00
iS 03 04 14
+iP 02 55 48
pP 55 59
S 03 04 18
+iP 02 53 02
pP 56 13
iS 03 04 47
+iP 02 56 26
ipP 56 38
iS 03 05 32
+iP 02 56 38
ipP 56 49
iS 03 05 56
+iP 02 56 44
pP 56 56
iS 03 06 07
+iP 02 56 52
pP 57 04
iS 03 03 20

Epc: Turkey.
O: C2-45-18
M: 6

Kunming

Sian

Peking

Changchun

Nanking

Canton

Zose

23.V Zose

eP 05 20 48
e(S) 22 19
eP 21 07
eS 22 57
eP 22 46
P 23 02
eS 26 22
eP 23 11
eS 26 42
eP 23 13
eS 26 52
eP 23 35
+iP 23 58

Epc: 24°N, 124°E
O: 05-18-48
M: 4½

Nanking

Sian

Peking

Chengtu

Kunming

Changchun

Lanchow

23.V
Kunming
Chengtu
Lhasa

eP 17 01 02
eP 01 14
eP 02 49
eS 07 50

X

X

24.V	Kunming	-P	17 25 41	Epc: 8°S, 121°E O: 17-18-20 M: 5	
		eS	31 30		
	Zose	eP	25 47		
		eS	31 43		
	Chengtu	eP	26 14		
		S	32 32		
	Sian	eP	26 25		
		eS	32 55		
	Lanchow	-iP	26 54		
		eS	33 45		
	Lhasa	P	26 59		
		S	33 56		
	Peking	eP	27 00		
		eS	33 52		
26.V	Changchun	P	22 53 11	Epc: Kuril Is. O: 22-49-(04)	
		eS	56 24		
	Zose	eP	54 15		
	Peking	eP	54 27		
		eS	58 46		
	Nanking	eP	54 30		
	Chengtu	eP	56 22		
Kunming	eP	56 53			
27.V	Changchun	P	07 21 07	Epc: 41°N, 142°E O: 07-18-00 M: 4½	
		S	23 33		
	Peking	P	22 30		
		eS	26 06		
	Zose	eP	22 30		
	Nanking	eP	22 42		
	Lanchow	P	24 11		
	Canton	eP	24 16		
	Chengtu	eP	24 30		
	Kunming	+P	25 05		
	eS	30 42			
	Lhasa	eP	26 00		
27.V	Kunming	+P	16 57 44	Epc: ½°N, 98°E O: 16-52-20 M: 5¼	
	Canton	eP	58 02		
	Lhasa	P	58 26		
		S	17 03 23		
	Chengtu	+P	16 58 33		
	Lanchow	+P	59 20		
		S	17 04 57		
	Nanking	+P	16 59 30		
	Zose	+P	59 34		
	Peking	+iP	17 00 18		
		eS	06 42		
		Changchun	+iP		01 10
			eS		08 14

✓	27.V	Kunming	+P	17 31 56	Epc: $10\frac{1}{2}^{\circ}S$, $97^{\circ}E$ O: 17-26-14
		Canton	eP	32 14	
		Chengtu	eP	32 46	
		Nanking	eP	33 42	
		Peking	+P	34 30	
		Changchun	eS	41 08	
			eP	35 23	
X	27.V	Canton	eP	22 40 46	Epc: $15^{\circ}N$, $120^{\circ}E$ O: 22-38-30
		Zose	eP	42 04	
		Nanking	eP	42 28	
			eS	45 39	
		Kunming	-P	42 49	
		Chengtu	eP	43 14	
			S	47 01	
		Peking	eP	43 49	
			eS	43 09	
		Lanchow	eP	43 53	
✓	28.V	Kunming	eP	04 06 04	Epc: $5^{\circ}S$, $103^{\circ}E$ O: 03-59-49 M: 5
		Chengtu	eP	06 51	
			eS	12 25	
		Lhasa	P	06 59	
		Lanchow	S	13 57	
		Peking	eP	08 22	
			eS	15 15	
		Changchun	eP	09 08	
X	29.V	Canton	eP	15 54 23	Epc: Philippine. O: 16-51-22
		Zose	eP	55 14	
		Nanking	eP	55 26	
		Kunming	eP	54 16	
			eS	17 00 13	
		Chengtu	eP	16 56 32	
			eS	17 00 43	
		Peking	eP	16 56 54	
			eS	17 01 18	
		Changchun	eP	16 57 22	
✓	31.V	Changchun	P	14 44 00	Epc: $49^{\circ}N$, $156^{\circ}E$ O: 14-39-06
			S	47 55	
		Peking	eP	45 16	
		Zose	eP	45 37	
		Nanking	eP	45 44	
		Lanchow	eP	46 47	
		Chengtu	eP	47 12	
		Kunming	eP	47 49	
✓	31.V	Zose	P	19 24 22	Epc: $5^{\circ}S$, $153^{\circ}E$ O: 19-15-40 M: $5\frac{1}{2}$
			S	31 19	
		Canton	eP	24 28	

✓	5.VI	Lanchow	e	03 38 43	Epc: Persia. O: 03-31.1
		Kunming	e	38 54	
		Peking	e	40 00	
		Nanking	e	40 26	
		Zose	e	40 42	

Cont.

31.V	Canton	eS	19	31	31
	Nanking	eP		24	37
		eS		31	45
	Changchun	P		25	20
		S		33	02
✓	Peking	eP		25	31
		eS		33	25
	Kunming	+P		25	37
		eS		33	36
	Chengtū	eP		25	46
✓	Lanchow	P		33	03

Given by
S. P. Lee (Chief)
S. J. Mei

1961 VII 24

Division of Seismology,
Institute of Geophysics, Academia, Sinica
Peking China.

PRELIMINARY SEISMOLOGICAL REPORT
OF
CENTRAL STATION "PEKING" AND AUXILIARY STATIONS

1 - 15, June 1961

X
1.VI Zose eP 06 52 34 Epc: Ryukyu Is.
Nanking e 53 57 O: 06-50.6
Canton eP 54 12 M: $4\frac{1}{4}$
Sian eP 54 34
Chengtū eP 54 54
Kunming eP 55 02

✓
1.VI Lhasa -iP 23 38 24 Epc: $9^{\circ}\frac{1}{2}N$, $38^{\circ}E$
Kunming eP 39 33 O: 23-29-09
Chengtū iS 48 08 M: $6\frac{1}{4}$
Lanchow +P 39 44
eS 48 22
Lanchow -iP 39 47
iS 48 28
Sian +P 40 15
S 49 28
Canton +P 40 40
S 50 07
Peking eP 40 51
S 50 31
Nanking eP 41 05
eS 50 54
Zose +P 41 17
iS 51 17
Changchun -iP 41 24

✓
2.VI Lhasa -iP 05 00 19 Epc: $10^{\circ}N$, $37^{\circ}\frac{1}{2}E$
S 07 43 O: 04-51-04
Kunming -iP 01 28 M: $6\frac{1}{2}$
PP 03 52
S 09 56
Chengtū P 01 36
PP 04 03
eS 10 12
Lanchow -iP 01 41
Sian eP 02 06
PP 04 40
eS 11 08
Canton -iP 02 31
iPP 05 15
eS 11 58
Peking -iP 02 42
iPP 05 24
S 12 15
Nanking P 02 56
PP 05 50
eS 12 46
Zose -P 03 08

2.VI ^{low} Zose

Changchun

PP 05 06 02
 eS 13 12
 -iP 03 18
 iPP 06 29
 eS 13 28

2.VI

Lhasa

Kunming

Chengtū

Lanchow

Sian

Canton

Peking

Nanking

Zose

Changchun

P 05 54 00
 P 55 09
 eP 55 17
 -iP 55 22
 eP 55 46
 -P 56 12
 PP 58 56
 -P 56 24
 eP 56 37
 eP 56 51
 -P 57 00
 eS 06 07 12

Epc: 10°N, 38°E

O: 05-44-42

M: 5½

2.VI

Lhasa

Kunming

Chengtū

Lanchow

Sian

Canton

Peking

Nanking

eP 07 11 57
 eS 19 23
 P 13 07
 S 21 34
 eP 13 13
 eP 13 18
 eS 21 56
 eP 13 43
 eP 14 11
 P 14 23
 S 23 58
 eP 14 36

Epc: 10°N, 38°E

O: 07-02-41

2.VI Zose

Nanking

Changchun

Canton

Peking

Sian

Chengtū

Lanchow

Kunming

Lhasa

eP 18 14 40
 eS 18 59
 eP 15 03
 eS 19 36
 eP 15 18
 eS 20 03
 e 15 35
 eP 15 45
 S 20 53
 eP 16 17
 eP 16 47
 eS 22 44
 +iP 16 57
 eP 16 58
 eP 18 20

Epc: 21°¹/₃N, 146°¹/₃E

O: 18-09-20

M: 4½

3.VI

Changchun

Peking

Nanking

P 01 19 11
 eP 20 19
 eP 21 00

Epc: Komandor.

O: 01-13-23±

M: 5½

Cal
✓ 3.VI

Chengtu	eP	01 22 19
	eS	29 23
Kunming	eP	22 52
	eS	30 30

✓ 4 VI

Lhasa	-iP	07 35 18
	iS	37 00
Lanchow	-iP	37 16
	e	40 44
Chengtu	-iP	37 27
	iS	40 57
Kunming	-iP	37 41
	iS	41 23
Peking	-iP	38 55
	eS	43 36
Canton	iP	39 10
	S	44 06
Nanking	-iP	39 21
	iS	44 29
Zose	-iP	39 42
	S	45 03
Changchun	-iP	39 54
	iS	45 26

Epc: $34^{\circ}\frac{1}{2}N$, $81^{\circ}\frac{1}{2}E$
O: 07-33-03
M: $6\frac{1}{4}$

✓ 4.VI

Lhasa	P	13 53 44
	S	55 28
Lanchow	iP	55 43
	eS	59 05
Chengtu	P	55 53
	iS	59 28
Kunming	eP	56 05
	S	59 51
Sian	eP	56 28
Peking	eP	57 21
Zose	P	58 08

Aftershock.

X 5.VI

Lanchow	+iP̄	02 10 57
	S̄	11 22
Chengtu	eP	11 16
	S	12 00
Sian	eP	11 31
	S	12 23
Kunming	e	14 11
Peking	e	13 46

Epc: $34^{\circ}N$, $104^{\circ}\frac{1}{2}E$
O: 02-10-17
M: $4\frac{1}{4}$

✓ 5.VI

Lanchow	e	03 38 43
Kunming	e	38 54
Peking	e	40 00
Nanking	e	40 26
Zose	e	40 42

Epc: Persia.
O: 03-31.1

6.VI	Lhasa	e(P)	20 59 51	Epc: $40^{\circ}\frac{1}{2}N$, $76^{\circ}\frac{1}{2}E$ O: 20-56-03± M: 4
		e(S)	21 02 50	
	Lanchow	e(P)	00 59	
		eS	04 56	
	Chengtū	eP	01 22	
		eS	05 38	
	Sian	e(S)	06 17	
	Kunming	e(S)	06 20	
7.VI	Lanchow	e	14 54 00	
	Sian	e	34 11	
	Peking	e	34 16	
	Kunming	e	34 18	
	Changchun	e	34 23	
	Nanking	e	34 26	
	Zose	e	34 30	
8.VI	Canton	eP	15 50 36	Epc: $8^{\circ}\frac{1}{2}S$, $122^{\circ}\frac{1}{2}E$ O: 15-44-06 M: $5\frac{1}{4}$ (Lhasa)
	Kunming	P	51 26	
		S	57 19	
	Zose	+iP	51 33	
		S	57 34	
	Nanking	+P	51 42	
		eS	57 48	
	Chengtū	P	51 59	
		iS	58 19	
	Sian	+iP	52 13	
		S	58 43	
	Lanchow	+iP	52 42	
		iS	59 35	
	Lhasa	+P	52 43	
		S	59 41	
Peking	+P	52 45		
	S	59 45		
Changchun	P	53 11		
9.VI	Lhasa	eP	15 23 11	Epc: $4^{\circ}\frac{1}{2}N$, $94^{\circ}E$ O: 15-17-47
		eS	27 31	
	Canton	+P	23 15	
	Chengtū	+P	23 28	
	Sian	+iP	24 13	
		eS	29 23	
	Lanchow	+iP	24 13	
	Peking	+iP	25 22	
		eS	31 28	
Changchun	eP	26 18		
9.VI	Zose	eP	15 46 46	Epc: $32^{\circ}\frac{1}{2}N$, $140^{\circ}\frac{1}{2}E$ O: 15-42-50
		S	49 51	
	Changchun	eP	46 52	
	Nanking	-P	47 09	
		S	50 34	

Cont

✓

9.VI Peking eP 15 47 44
 S 51 35
 Lanchow eP 49 05

✗

9.VI Zose P 22 13 22
 eS 19 20
 Nanking P 13 32
 S 19 39
 Chengtu P 13 50
 S 20 10
 Sian P 14 03
 S 20 54
 Lanchow P 14 29
 Lhasa -P 14 36
 S 21 32
 Peking P 14 36
 eS 21 36
 Changchun eP 15 02

Epc: 8°S, 121°E
 O: 22-05-54

✓

11.VI Lhasa eP 05 16 52
 Lanchow +iP 18 18
 i 18 25
 S 24 43
 Kunming +iP 18 25
 i 18 31
 S 24 55
 Chengtu eP 18 23
 i 18 29
 S 24 57
 Sian P 18 52
 i 18 59
 S 25 49
 Peking +iP 19 31
 i 19 38
 S 26 59
 Canton eP 19 42
 i 19 48
 eS 27 16
 Nanking eP 19 56
 i 20 03
 eS 27 41
 Zose +P 20 12
 i 20 18
 S 28 10
 Changchun +iP 20 15
 i 20 22
 S 28 16

Epc: 28°N, 54°E
 O: 05-10-17
 M: 6 $\frac{3}{4}$

✓

11.VI Lhasa P 12 37 55
 Lanchow P 39 21
 S 45 42
 Kunming +iP 39 27

Epc: 28°N, 54°E
 O: 12-31-27
 M: 5 $\frac{3}{4}$

Secor 12

Cont

✓	11.VI	Kunming	eS	12 45 49
		Chengtu	eP	39 25
			PP	41 09
			eS	45 49
		Sian	+iP	39 54
			PP	41 43
			iS	46 43
		Peking	+iP	40 34
			PP	42 34
			S	47 53
		Canton	eP	40 44
			eS	48 14
	Nanking	+iP	40 58	
		PP	43 06	
		eS	48 36	
	Zose	+P	41 15	
		S	49 07	
	Changchun	+iP	41 17	
		S	49 17	

✓	11.VI	Lanchow	+iP	14 06 50
		Kunming	eP	05 56
			eS	12 19
		Chengtu	eP	05 58
		Sian	+P	06 24
		Peking	eP	07 04
		Nanking	+P	07 28
			eS	15 09
		Zose	eP	07 45
			eS	15 37
	Changchun	+iP	07 48	

Epc: 28°N, 54°E
O: 13-57-58

✓	11.VI	Kunming	+P	17 16 32
			iS	17 25
		Chengtu	eP	17 25
		Lhasa	P	17 33
			S	19 15
		Lanchow	eP	18 25
		Sian	eP	18 37
		Canton	eP	18 42
		Nanking	+P	19 57
		Zose	P	20 14
			S	24 10
		Peking	+iP	20 18
			S	24 16
		Changchun	P	21 30
			S	26 27

Epc: 24°¹/₂N, 98°E
O: 17-15-21
M: 5¹/₂

✓	12.VI	Kunming	+iP _n	09 59 27
			i	59 31
			+iP	59 43
			iS _n	10 00 23

Epc: 21°²/₃N, 105°²/₄E
O: 09-58-09
M: 4³/₄ - 5

Cent

12.VI	Kunming	iS	10 00 43
	Canton	-iP	09 59 57
		i	10 01 15
	Chengtu	+P	00 28
		i(S)	02 11
	Sian	+P	01 18
		iS	03 47
	Lanchow	P	01 44
	Nanking	e(P)	01 51
	Lhasa	-iP	01 59
		eS	05 01
	Zose	e(P)	02 05
		+iP	02 12
	Peking	+iP	02 54
		eS	06 42
	Changchun	+iP	04 00
		S	08 41

X

13.VI	Canton	e	12 01 30	Epc: 0°, 122°E
	Zose	eP	02 06	O: 11-55-42
		eS	07 13	
	Kunming	eP	02 08	
	Nanking	eP	02 16	
		eS	07 30	
	Chengtu	eP	02 38	
	Sian	eP	02 52	
		eS	08 35	
	Peking	eP	03 26	

✓

13.VI	Zose	-iP	21 49 50	Epc: Tonga Is.
		pP	50 34	O: 21-37-54
		eS	59 42	h: 200km
	Canton	-iP	50 03	M: 6
		•pP	50 44	
		eS	22 00 08	
	Nanking	-iP	21 50 04	
		pP	50 48	
		eSKS	22 00 05	
		S	00 11	
	Changchun	-iP	21 50 13	
		pP	50 55	
		SKS	22 00 19	
		S	00 28	
	Peking	-iP	21 50 32	
		pP	51 16	
		SKS	22 00 44	
		S	01 05	
	Sian	-P	21 50 44	
		pP	51 27	
		iS	22 00 27	
	Kunming	-iP	21 50 50	
		pP	51 34	

13.VI *Cont.*
 ✓ Kunming
 Chengtu

eSKS 22 01 01
 eP 21 50 54
 pP 51 38
 SKS 22 01 11
 S 01 47
 Lanchow -iP 21 51 05
 pP 51 48
 SKS 22 01 25
 S 02 09

✓ 14.VI Kunming
 Chengtu
 Lanchow
 Sian
 Canton
 Nanking
 Peking
 Zose

+iP 00 43 06
 iS 44 31
 +P 43 42
 eS 45 36
 eP 44 28
 eP 44 58
 S 47 53
 +P 45 12
 P 46 10
 eS 50 09
 eP 46 38
 S 50 32
 eP 46 27
 eS 50 37

Epc: 24°¹/₂N, 95°E
 O: 00-41-16
 M: 4⁵/₂

✗ 14.VI Canton
 Nanking
 Zose
 Sian
 Kunming
 Chengtu
 Peking
 Changchun

e 09 09 30
 e 11 09
 e 10 29
 e 10 31
 eP 11 49
 eS 15 07
 eP 11 57
 S 15 22
 P 12 03
 S 15 30
 e(P) 12 11
 e(S) 15 50
 eP 13 04

Epc: 21°N, 122°E
 O: 09-07-40+
 M: 4 (Kunming)

✓ 14.VI Lhasa
 Kunming
 Chengtu
 Lanchow
 Sian
 Canton
 Peking

P 20 41(23)
 -P 42 34
 eS 50 59
 eP 42 45
 eS 51 21
 P 42 48
 S 51 24
 eP 43 13
 eS 52 12
 +P 43 40
 eS 53 06
 -P 43 50
 eS 53 23

Epc: 19°¹/₂N, 38°E
 O: 20-32-10
 M: 5¹/₂

Cont

✓

14.VI	Nanking	P	20 44 04
		eS	53 51
	Zose	eP	44 16
		eS	54 16
	Changchun	-iP	44 27
		eS	54 35

✗

15.VI	Zose	eP	01 00 15
	Peking	eP	02 27
		eS	05 39
	Chengtu	eP	02 35
		eS	05 55
	Kunming	eP	02 42
		eS	06 05
	Lanchow	P	03 05
	Changchun	eP	03 08

Epc: 24°N, 122° $\frac{1}{2}$ E
 O: 00-58-23
 M: 4 $\frac{1}{2}$

✓

15.VI	Changchun	+iP	23 28 57
		S	32 20
	Peking	+P	30 16
		S	34 46
	Zose	P	30 30
		S	35 12
	Nanking	+iP	30 38
		eS	35 20
	Sian	+iP	31 27
		S	36 50
	Lanchow	+iP	31 50
		S	37 31
	Canton	+iP	32 02
	Chengtu	+iP	32 14
		iS	38 12
	Kunming	+iP	32 49
		eS	39 17
	Lhasa	+iP	53 33
		S	40 38

Epc: Kuril Is.
 O: 23-24-43
 M: 5 $\frac{1}{2}$

Given by
 S. P. Lee (Chief)
 S. J. Mei

1961 VII 30.

Division of Seismology,
 Institute of Geophysics, Academia, Sinica
 Peking China.

PRELIMINARY SEISMOLOGICAL REPORT
OF
CENTRAL STATION "PEKING" AND AUXILIARY STATIONS

16 - 31, June 1961

16.VI Canton

ePKP ₁	07-28-20
ePKP ₂	29 05
ePP	32 42
oPKP ₁	28 22
oPKP ₂	29 17
ePP	33 03
ePKP ₁	28 24
PP	33 02
-PKP	28 24
PP	33 06
oPKP ₁	28 24
PKP ₂	29 25
ePP	33 11
PKP ₁	28 28
ePKP ₂	29 41
PP	33 29
ePKP ₁	28 27
ePP	33 35
ePKP ₁	28 29
ePP	33 43
PKP ₁	28 30
PKP ₂	30 03
PP	33 56
ePKP	28 30
oPP	34 01

Epc: Chile.
O: 07-08-19

16.VI Changchun
Peking

PKP	10 50 47
PP	52 29
PKP	50 53
PP	53 08
ePKP	50 59
PP	53 13
PKP	51 08
ePKP	51 09
PP	53 53
PKP	51 12
PP	53 52
PKP	51 11
PP	53 57
ePKP	51 14
PP	54 11
PKP	51 15
PKP	51 27
ePP	54 48
PKP	51 31
ePP	54 59

Epc: Caribbean Sea.
O: 10-31-48*

16.VI Paotow

eP	12 13 20
S	14 16
oP	13 51

Epc: 43°N, 104°E
O: 12-12-57
M: 4½

16.VI	Lanchow	S	12 15 10	
	Peking	e(P)	14 23	
	Sian	e(P)	14 26	
17.VI	Lhasa	eP	08 12 17	Epc: 28°N, 55°E
	Lanchow	+iP	13 43	O: 08-05-50
	Kunming	eP	13 50	M: 4 $\frac{3}{4}$
	Sian	eS	20 14	
		eP	14 19	
		eS	21 05	
	Pactow	P	14 21	
	Peking	eP	14 57	
		eS	22 15	
	Canton	eP	15 06	
	Nanking	eP	15 22	
	Zose	eP	15 38	
	Changchun	+P	15 42	
17.VI	Peking	(e)	15 26 17	
		e	27 42	
	Zose	e	26 27	
		e	28 14	
	Nanking	(e)	26 27	
		e	28 21	
	Sian	e	26 34	
		e	28 36	
	Chengtu	e	26 42	
		e	29 09	
	Canton	e	26 48	
		e	29 25	
	Lhasa	e	26 52	
	Kunming	e	26 54	
		e	29 43	
17.VI	Canton	e	15 31 10	Epc: 2°S, 138°E
		e	36 40	O: 15-24-17
	Zose	-P	31 29	
		eS	37 15	
	Nanking	-P	31 44	
		eS	37 40	
	Kunming	e	32 25	
	Sian	-P	32 39	
	Chengtu	e	32 41	
	Peking	eP	32 48	
		S	39 35	
	Changchun	-P	32 52	
	Lanchow	P	33 11	
	Pactow	eP	33 12	
		eS	40 21	
18.VI	Canton	-P	03 17 52	Epc: Java Sea.
		e	20 36	O: 03-12-40
		eS	22 01	(Deep focus)?

18.VI	Kunming	-iP	03 18 24
		i	21 10
		eS	22 59
✓	Chengtu	-iP	19 02
		e	21 48
		iS	24 08
	Zose	-iP	19 05
		e	21 47
		iS	24 14
	Nanking	P	19 09
		o	21 58
		S	24 22
	Sian	-iP	19 26
		e	22 12
		S	24 51
	Lhasa	-iP	19 34
		iS	25 05
	Lanchow	-iP	19 45
		iS	25 26
	Peking	-iP	20 08
		S	26 08
	Paotow	iP	20 12
		S	26 17
	Changchun	-iP	20 43
		e	23 38
		S	27 13

18.VI	Lhasa	eP	03 35 49
		eS	37 35
✗	Chengtu	eP	37 59
		S	41 33
	Kunming	eP	38 09
		eS	41 55
	Sian	eP	38 35

Epc: 34°N, 81° $\frac{1}{2}$ E
 O: 03-33-31
 M: 4

18.VI	Lhasa	P	06 28 20
		S	30 07
✗	Lanchow	eP	30 16
	Chengtu	eP	30 28
	Kunming	eP	30 43
		eS	34 25
	Sian	eP	31 07
		eS	35 16
	Paotow	eP	31 15
		eS	35 28

Epc: 34°N, 81° $\frac{1}{2}$ E
 O: 06-26-02
 M: 4 $\frac{1}{4}$

18.VI	Zose	-P	14 07 00
✓		epP	08 40
		sP	09 18

Epc: Kermadec Is.
 O: 13-55-09
 h: 450km

18.VI Zose *Cont*

- Canton
- Nanking
- Changohun
- Peking
- Kunming
- Sian
- Chengtu
- Lanchow

SKS	14 16 40
eS	16 52
-P	07 03
sP	09 20
eSKS	16 44
S	16 56
-P	07 10
epP	08 52
sP	09 29
SKS	16 54
eS	17 06
-iP	07 31
epP	09 15
esP	09 51
SKS	17 17
iS	17 50
P	07 42
SKS	17 34
iS	18 13
eP	07 46
epP	09 27
esP	10 06
SKS	17 39
S	18 17
eP	07 48
pP	09 30
SKS	17 43
S	18 22
eP	07 55
pP	09 37
esP	10 16
SKS	17 47
S	18 36
P	08 10
S	19 03

19.VI Canton

- Zose
- Nanking
- Kunming
- Chengtu
- Sian

eP	01 48 32
iP	48 36
eS	51 05
P	49 37
iP	49 41
S	53 05
P	49 52
eS	53 30
epP	50 17
+iP	50 20
S	54 17
eP	50 41
iP	50 46
S	55 01
eP	50 42
iP	50 48
S	55 04

Loc: 120°¹⁵N, 122°E
 O: 01-45-17
 M: 5 $\frac{1}{2}$

19.VI ^{cont} Peking

✓ Lanchow

✓ Paotow

Changchun

eP 01 51 11
 iP 51 16
 S 55 54
 eP 51 17
 S 56 06
 eP 51 30
 iP 51 34
 eS 56 27
 P 51 43
 eS 56 49

19.VI Changchun

✓ Peking

✓ Zose

Nanking

Paotow

Canton

Lanchow

Chengtu

Kunming

+iP 02 49 17
 S 52 07
 +iP 50 35
 eS 54 31
 eP 50 36
 eP 50 38
 eS 54 43
 P 51 23
 eP 52 05
 eP 52 15
 eP 52 31
 +P 53 03

Epc: 40°N, 145°E
 O: 02-45-39±
 M: 5

19.VI Changchun

✓ Zose

Peking

Nanking

Paotow

Canton

Sian

Lanchow

Chengtu

Kunming

+iP 07 41 43
 S 44 36
 eP 42 50
 iP 42 54
 S 46 50
 +iP 43 01
 S 47 04
 +P 43 05
 S 47 10
 P 43 49
 +P 44 32
 +P 44 12
 eP 44 42
 eS 50 03
 +P 44 57
 +iP 45 29

Epc: 39°N, 145°E
 O: 07-38-00
 M: 5½

19.VI Lhasa

✓ Lanchow

Chengtu

Kunming

+iP 17 08 39
 +iP 09 59
 pP 10 40
 sP 11 03
 S 14 19
 sS 15 30
 +iP 10 13
 sP 11 16
 iS 14 44
 +iP 10 25
 sP 11 28
 S 15 06

Epc: 36°N, 70°E
 O: 17-04-36
 h: 200km
 M: 5

Cont

19.VI	Paotow	P	17 10 37
		pP	11 22
		S	15 26
		sS	16 38
✓	Sian	eP	10 39
		sP	11 43
		S	15 30
		sS	16 44
	Peking	eP	11 16
		pP	11 59
		sP	12 22
		S	16 39
		sS	17 56
	Canton	+P	11 46
		sP	12 51
		eS	17 31
		+pP	11 51
	Nanking	pP	12 35
		sP	12 56
		S	17 39
		sS	18 56
	Changchun	+iP	12 07
		pP	12 51
	Zose	P	12 09
		pP	12 54
		sP	13 15
		S	18 13
		sS	19 28

20.VI	Lhasa	eP	03 30 02
		S	36 54
✓	Kunming	P	31 16
		eS	39 07
	Chengtū	eP	31 25
	Lanchow	P	31 28
		eS	39 35
	Sian	eP	31 57
		eS	40 27
	Peking	eP	32 34
		e(S)	41 32
	Nanking	aP	32 50
	Zose	eP	33 01
	Changchun	eP	33 14

Epc: Gulf of Aden.
 O: 03-21-28
 M: 5 $\frac{1}{2}$

20.VI	Zose	eP	14 38 12
		eP	47 23
✓	Canton	eP	38 16
		eS	47 32
	Nanking	eP	38 25
		eS	47 51
	Changchun	ip	38 52
		S	48 42
	Peking	eP	39 05
		S	49 06
	Kunming	aP	39 09
		e	49 14

Epc: New Hebrides.
 O: 14-26-56
 M: 5 $\frac{1}{2}$

20.VI ^{Cant} Sian eP ^h 39 12
 Chengtu eS 49 21
 Lanchow eP 39 19
 eS 49 33
 eP 39 34

21.VI Lanchow +iP 06 47 14
 Kunming +P 47 19
 Sian +iP 47 49
 Paotow S 54 38
 Peking P 47 53
 eS 54 43
 Canton +P 48 27
 Nanking eS 55 47
 Zose eP 48 37
 +P 48 53
 +P 49 08
 eS 47 00

Epc: 27°N, 55°E
 O: 06-39-19
 M: 4 ³/₄

21.VI Canton -P 07 41 53
 S 48 35
 Zose -P 41 57
 S 48 41
 Nanking P 42 15
 S 49 13
 Kunming eP 43 04
 S 50 42
 Sian -iP 43 09
 S 50 53
 Peking P 43 10
 S 50 53
 Chengtu P 43 16
 Paotow iS 51 06
 eP 43 36
 S 51 41
 Lanchow P 43 41
 S 51 53
 Lhasa P 44 21
 S 53 07

Epc: 6 ¹/₂°S, 149°E
 O: 07-33-32
 M: 5

21.VI Canton eP 20 21 08
 pP 31 34
 eS 36 00
 esS 36 48
 Kunming eP 31 28
 Chengtu ipP 31 55
 eP 32 12
 ipP 32 40
 Zose -P 32 26
 ipP 32 53
 S 38 25

Epc: 8°S, 109°E
 O: 20-25-00
 h: 120km

21.VI *cont.* Nanking

✓ Lhasa
Sian

• Lanchow

Peking

Paotow

Changchun

-P 20 32 31
ipP 32 58
eS 38 32
esS 39 20
-iP 32 37
-iP 32 41
ipP 33 08
S 38 46
-iP 32 58
S 39 20
-P 33 28
ipP 33 56
iS 40 16
P 33 30
ipP 33 58
S 40 20
-P 34 06
ipP 34 32

23.VI Peking

✓ Paotow

Zose

Nanking

Sian

Lanchow

Chengtou

Canton

Kunming

eP 09 07 53
S 17 48
P 08 07
S 18 14
P 08 14
S 18 39
P 08 17
S 18 35
-P 08 36
SKS 19 04
S 19 13
-iP 08 41
S 19 22
eP 09 01
SKS 19 35
S 20 03
S 20 13
SKS 20 03

Epc: Pacific Ocean off Vancouver.
O: 08-55-50
M: 6

23.VI

✓ Lhasa

Lanchow

Paotow

Peking

Nanking

eP 16 42 47
P 44 13
eP 44 51
S 51 42
eP 45 28
S 52 49
eP 45 53

Epc: 27°¹/₂N, 54°¹/₂E
O: 16-36-17
M: 4¹/₂

24.VI

✓ Kunming

Sian

Lanchow

Nanking

Paotow

P 09 40 47
S 44 51
eP 42 21
eP 42 30
S 47 56
eS 48 17
eP 43 15
S 49 16

Epc: Sumatra.
O: 09-35-43
M: 5¹/₄

24.VI	Peking	P	09 43 30	
	Changchun	-iPP	46 16	
		eS	51 18	
24.VI	Canton	-iP	16 26 56	Epc: Near Admiralty Is.
	Zose	*iP	27 00	O: 16-19-21
	Nanking	*P	27 17	M: 5 $\frac{3}{4}$
		eS	33 38	
	Kunming	-iP	28 08	
	Changchun	-iP	28 10	
	Peking	-iP	28 13	
	Sian	-iP	28 13	
	Chengtū	iP	28 21	
	Paotow	iP	28 39	
		eS	36 07	
	Lanchow	-iP	28 45	
	Lhasa	iP	29 27	
25.VI	Changchun	e(P)	02 32 49	Epc: N. Japan
	Peking	e	35 28	O: 02-29-17+
		e	34 09	
		S	38 03	
	Zose	eP	34 15	
		eS	38 13	
	Nanking	eP	34 25	
		eS	38 34	
	Paotow	e	35 00	
	Sian	e	35 24	
	Kunming	e	36 45	
25.VI	Kunming	eP	16 25 54	Epc: 19°N, 121° $\frac{1}{2}$ E
		S	29 16	O: 16-21-38
	Sian	-P	26 01	M: 4 $\frac{3}{4}$
		S	29 29	
	Chengtū	-iP	26 08	
		S	29 42	
	Peking	-P	26 30	
		iS	30 23	
	Lanchow	-iP	26 46	
	Paotow	eP	26 53	
		S	31 04	
	Changchun	eS	31 29	
25.VI	Zose	*P	16 51 32	Epc: Near Bonin Is.
		S	55 41	O: 16-46-22
	Nanking	eP	51 55	M: 5 $\frac{1}{4}$
		S	56 21	
	Changchun	-P	52 17	
	Peking	eP	52 41	
		S	57 43	
	Sian	P	53 11	
		S	58 37	
	Paotow	eP	53 22	
	Chengtū	eP	53 43	
		S	59 36	

Cont

✓ 25.VI	Lanchow	P	16 53 50	
	Kunming	P	✓ 53 55	
25.VI	Paotow	eP	19 39 22	Epc: Baikal Region.
		(eS)	41 44	O: 19-36-20
	Peking	eP	39 41	M: 4 $\frac{1}{2}$
X	Lanchow	e(S)	42 16	
	Sian	eP	40 15	
	Chengtu	eS	43 59	
		(eP)	41 20	
		eS	45 22	
26.VI	Changchun	+iP	14 54 02	Epc: 50° $\frac{1}{2}$ N, 175° $\frac{1}{2}$ E
		S	59 22	O: 14-47-23
	Peking	+P	55 09	M: 5 $\frac{3}{4}$
		iPP	56 48	
		S	15 01 23	
✓	Zose	+iP	14 55 32	
	Nanking	+iP	55 37	
		eS	15 02 13	
	Paotow	+iP	14 55 38	
	Sian	+P	56 13	
		PP	58 10	
		S	15 03 21	
	Lanchow	iP	14 56 29	
		S	15 03 47	
	Chengcu	+iP	14 56 53	
		PP	59 03	
		S	15 04 33	
	Canton	+iP	14 56 53	
		eS	15 04 33	
	Kunming	+P	14 57 28	
		S	15 05 37	
	Lhasa	P	14 57 56	
		S	15 06 28	
27.VI	Kunming	-iP ₁	07 04 43.3	Epc: 28°N, 99° $\frac{3}{4}$ E
		-iP ₂	04 45.8	O: 07-03-43
✓	Chengtu	-iP ₁	04 54.6	M: 6 $\frac{1}{2}$
		iP ₂	04 57.6	
	Lhasa	+P	05 35	
		iS	07 04	
	Lanchow	eP	05 54	
		i	07 41	
	Sian	eP ₁	06 07	
		-iP ₂	06 09	
		S	07 59	
	Canton	eP ₁	06 47	
		-iP ₂	06 50	
		(S)	09 11	
	Paotow	eP	07 22	
		+i	07 27	

Sub.

27.VI	Nanking	-iP ₁	Jl 07 38.6
		-iP ₂	07 41.6
		eS	10 44
✓	Peking	-P	07 55
		+i	07 59
		eS	11 12
	Zose	-iP ₁	08 04.3
		-iP ₂	08 06.8
		S	11 29
	Changchun	-P	09 14
		eS	13 40

28.VI	Chengtū	-iP _n	04 22 14
		iP	22 16.5
		i	22 26
	Sian	+iP	23 25
		iS _n	24 03
		iS	24 30
X	Lanchow	+iP _n	23 05.5
		P	23 25
		S	24 17.5
	Kunming	iP	23 33
	Paotow	e(P)	24 23
		e(S)	26 27
	Lhasa	eP	24 39
		eS	26 44
	Canton	-P	24 46
		e	27 10
	Peking	eP	25 08
		e	27 51
	Nanking	e	28 02
	Zose	e	28 24
	Changchun	+P	26 35
		(S)	30 29

Epc: $31^{\circ}\frac{1}{2}N$, $104^{\circ}\frac{1}{4}E$
 O: 04-21-49
 M: $4\frac{1}{4}$ - $4\frac{1}{2}$

28.VI	Kunming	eP	13 21 30
✓	Lhasa	+iP	22 25
		eS	28 02
	Sian	+P	22 52
	Lanchow	+iP	23 03
	Paotow	+P	23 45
	Peking	+P	23 50
	Changchun	+iP	25 35

Epc: $4^{\circ}\frac{1}{3}S$, $103^{\circ}E$
 O: 13-15-23
 M: $5\frac{1}{4}$

29.VI	Zose	-P	01 19 13
X	Nanking	-P	19 29
		e(S)	25 13
	Peking	eP	20 35
		S	27 11
	Paotow	eP	20 59
		eS	27 52

Epc: New Guinea.
 O: 01-12-20

29.VI	Zose	P	08 25 08	Epc: 26°N, 120°E
		e	26 36	O: 08-23-55±
	Nanking	e(P)	25 28	M: 4
		e	27 41	
	Canton	e(P)	25 44	
	Sian	e(P)	27 06	
	Peking	e(P)	27 31	
	Chengtu	eP	27 33	
		e	30 33	
	Lanchow	P	27 59	
	Changchun	eP	28 08	

29.VI	Zose	P	09 33 17	Epc: Santa Cruz Is.
		S	41 48	O: 09-22-48
	Canton	-P	33 25	M: 5 ³ / ₄
		S	42 04	
	Nanking	-P	33 30	
		S	42 12	
	Changchun	iP	33 57	
		eS	43 02	
	Peking	-P	34 12	
		S	44 10	
	Sian	-P	34 21	
		S	43 48	
	Kunming	-P	34 26	
		S	43 57	
	Chengtu	-iP	34 33	
		iS	44 12	
	Paotow	-P	34 37	
		PP	37 28	
		S	44 21	
	Lanchow	P	34 48	
		S	44 40	

29.VI	Changchun	eP	11 39 07
	Peking	eP	40 26
	Paotow	eP	41 02
	Sian	eP	41 35
	Lanchow	iP	41 59

29.VI	Zose	P	14 11 42	Epc: Aleutian Is.
	Paotow	eP	11 45	O: 14-02-45
	Nanking	eP	11 48	
	Sian	eP	12 19	
	Lanchow	iP	12 32	
	Canton	-iP	12 58	
	Chengtu	eP	12 59	
	Kunming	-P	13 31	

29.VI	Changchun	P	22 09 11	Epc: Arctic Ocean.
		eS	15 33	O: 22-01-17
	Peking	(eP)	09 42	M: 4 ¹ / ₂

Cont
29.VI

Peking
Sian
Zose

Kunming

eS	22	16	25
eP		10	24
(eP)		10	49
eS		18	28
eP		11	31
eS		19	44

Given by
S. P. Lee (Chief)
S. J. Mei

1961 X 4.

Division of Seismology,
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Peking China.

Jul Aug. Sept. 20 3rd 4th Jan.
 October 11/3/61 R D M. Jones.

PERLIMINARY SEISMOLOGICAL REPORT
 OF
 CENTRAL STATION "PEKING" AND AUXILIARY STATIONS

1 - 31, July 1961

NOV-DEC

PUNCHED
 ON 14/3/66

R. D.

X 1.VII Changchun e 08 04 45
 ✓ 1.VII Changchun +PKP 13 30 16
 Peking PKP 30 27
 Lanchow PKP 30 35
 Sian +PKP 30 38
 Lhasa +PKP 30 38

✓ 2.VII Changchun eP 02 10 09
 Peking eP 11 36
 e(S) 15 16
 Lanchow eP 13 18
 Kunming eP 14 13
 Lhasa e(P) 15 13

Epc: 41°N, 142°¹/₂E
 O: 02-07-00
 M: 4

X 2.VII Changchun eP 16 58 24
 Peking eP 58 41
 Paotow e(P) 59 05
 Lanchow eP 59 16
 Lhasa e 59 57

✓ 4.VII Zose eP 06 16 12
 Nanking eP 16 38
 Changchun +iP 16 55
 eS 21 53
 Peking eP 17 20
 S S 22 39
 Sian eP 17 46
 S 23 26
 Paotow eP 17 58
 Chengtu eP 18 15
 e(S) 24 15
 Kunming eP 18 21
 S 24 30
 Lanchow -iP 18 25

Epc: 19°N, 146°E
 O: 06-10-40
 M: 5¹/₂

X 5.VII Zose eP 02 23 59
 (S) 25 43
 Nanking +P 24 26
 Changchun eP 25 41
 eS 23 50
 Peking eP 25 44
 Paotow e(S) 28 55
 eP 26 30
 Chengtu e(S) 30 24
 e(P) 26 56
 e(S) 31 08

Epc: 28°N, 131°¹/₂E
 O: 02-21-57
 M: 4¹/₂

5.VII Lanchow eP 02 27 01
 X Kunming eS 31 20
 eP 27 16
 Lhasa S 31 42
 e(P) 28 39

5.VII Chengtu iP̄ 05 48 34 Epc: 32°N, 103° $\frac{1}{2}$ E
 Kunming iS̄ 48 54 O: 05-48-04
 Lhasa i 51 06 M: 4 $\frac{1}{2}$
 iS̄ 51 48
 Canton e(S) 52 40
 +iP 51 03
 Nanking eS 53 20
 +P 51 10
 Peking e(S) 53 36
 Zose e(P) 51 18
 Changchun e 55 54
 eP 52 48

X 5.VII Lhasa eP 06 38 06 Epc: Tien Shan.
 Lanchow eP 39 14 (天山)
 Chengtu e(P) 39 39 O: 06-34.3
 Paotow eP 39 51
 Sian eP 39 59

6.VII Zose +iP 22 20 35 Epc: New Hebrides.
 Canton iS 29 38 (新赫布里底斯群岛)
 +iP 20 41 O: 22-09-29
 Nanking iS 29 50 M: 6 $\frac{3}{4}$
 +iP 20 49
 Changchun iS 30 05
 +iP 21(16)
 iS 30(57)
 Peking +iP 21 28
 iS 31 22
 Kunming +iP 21 34
 iS 31 33
 Sian +iP 21 35
 PP 24 36
 Chengtu iS 31 34
 +iP 21 44
 Paotow iS 31 50
 +iP 21 50
 Lanchow iS 32 05
 +iP 21 59
 Lhasa S 32 19
 +iP 22 32
 SKS 33 00
 +iS 33 26

X 7.VII Kunming P̄ 04 56 48 Epc: 25° $\frac{1}{2}$ N, 93°E
 Chengtu iS̄ 57 41 O: 04-55-22
 e 58 50 M: 4

X	7.VII	Lhasa	+P	17 03 55
			iP	04 28
			iS _n	05 28
		Sian	e(P)	05 38
			e(S)	07 49
		Canton	eP	05 04
		Paotow	eP	06 09
			eS	09 41
		Nanking	P	06 16
			eS	09 56
		Zose	+P	06 36
			eS	10 32
		Peking	+P	06 38
		S	10 36	

✓	7.VII	Zose	+P	22 30 33
			eS	39 34
		Canton	eP	30 39
			eS	39 45
		Nanking	+iP	30 46
			S	40 00
		Changchun	+iP	31 12
			(S)	40 50
		Peking	+iP	31 25
			S	41 17
		Sian	+iP	31 33
			eS	41 29
		Kunming	+iP	31 33
			S	41 30
		Chengtu	+iP	31 41
		S	41 46	
	Lanchow	+iP	31 57	
		S	42 17	
	Lhasa	+P	32 30	
		eS	43 16	

Epc: New Hebrides.
 (新赫布里底斯群岛)
 O: 22-19-28
 M: 6

✓	8.VII	Zose	eP	02 46 21
			S	55 18
		Canton	eP	46 26
			S	55 31
		Nanking	+P	46 35
			S	55 49
		Changchun	eP	47 01
			S	56 41
		Peking	+eP	47 14
			S	57 08
		Kunming	+eP	47 20
			+iS	57 18
		Sian	+P	47 20
		S	57 20	
	Chengtu	+P	47 29	
		+S	57 35	

Epc: New Hebrides.
 (新赫布里底斯群岛)
 O: 02-35-14
 M: 6

Cont
 ✓
 ✓

8.VII	Paotow	+P	02 47 36
		iS	57 50
	Lanchow	eP	47 45
		iS	58 07
	Lhasa	eP	48 17
		SKS	53 47
		S	59 10

~~X~~

8.VII	Nanking	eP	15 19 46
		e(S)	28 59
	Changchun	+eP	20 14
	Peking	eP	20 27
		eS	30 21
	Kunming	eP	20 33
		eS	30 31
	Sian	eP	20 32
	Chengtou	eP	20 39
		e(S)	30 44
	Paotow	eP	20 49
	Lhasa	eP	21 32

Epc: New Hebrides.
 (新赫布里底斯群岛)
 O: 15-08-26

✓

8.VII	Zose	+iP	15 45 40
		S	54 41
	Canton	-P	45 45
		S	54 50
	Nanking	+iP	45 54
		+iS	55 09
	Changchun	+iP	46 20
		iS	55 59
	Peking	+iP	46 33
		S	56 27
	Kunming	+iP	46 40
		S	56 37
	Sian	+iP	46 41
		iS	56 40
	Chengtou	+iP	46 48
		+iS	56 54
	Paotow	+iP	46 56
		iS	57 08
	Lanchow	+iP	47 05
		iSKS	57 38
	Lhasa	+sP	47 38
		SKS	58 07
		+S	58 29

Epc: New Hebrides.
 (新赫布里底斯群岛)
 O: 15-34-33
 M: 6 $\frac{1}{2}$

✓

8.VII	Zose	eP	21 25 01
		eS	34 03
	Canton	eP	25 09
		eS	34 19
	Nanking	eP	25 17
		eS	34 30

Epc: New Hebrides.
 (新赫布里底斯群岛)
 O: 21-15-53
 M: 5 $\frac{1}{2}$

Cant

✓	8.VII	Changchun	+iP	21 25 41
			eS	35 21
		Peking	eP	25 54
			eS	35 48
		Kunming	eP	26 00
			eS	35 58
		Chengtu	eP	26 08
			S	36 15
		Paotow	eP	26 17
			eS	36 32
		Lanchow	+iP	26 25
		Lhasa	eP	27 00
			eSKS	37 27
			eS	37 51

✓

✓	8.VII	Zose	eP	21 59 47
			S	22 08 49
		Canton	eP	21 59 52
			S	22 09 02
		Nanking	+P	00 00
			S	09 14
		Changchun	+iP	00 27
			S	10 04
		Peking	+P	00 40
			iS	10 34
		Sian	+iP	00 48
			S	10 46
		Kunming	eP	00 48
			S	10 47
		Chengtu	+P	00 56
			iS	11 02
		Paotow	+P	01 03
			eS	11 15
		Lanchow	+iP	01 12
			PT	02 07
			iS	11 36
		Lhasa	eP	01 44
			eSKS	12 13
			S	12 36

Epc: New Hebrides.
 (新赫布里底斯群岛)
 O: 21-48-39
 H: 5¹/₂

✓

✓	9.VII	Lhasa	e(P)	08 12 05
			eS	17 11
		Chengtu	e(P)	13 38
			eS	19 54
		Kunming	eP	13 36
			eS	19 53
		Sian	eP	14 07
			eS	20 50
		Paotow	eP	14 09
			eS	20 48
		Peking	eP	14 46
			(S)	22 01

Epc: Persian Gulf.
 (波斯湾)
 O: 08-05-43

9.VII ✓ *Cant*

Nanking oP 08 15 15
 Changchun eP 15 29

10.VII ✓

Changchun P 04 09 39
 Peking eP 09 48
 Lhasa e 09 51
 Nanking c 09 55
 Sian P 09 56
 Chengtu eP 09 56

11.VII ✓

Kunming +iP 09 36 12
 S 39 52
 Lhasa +P 36 34
 iS 40 22
 Chengtu +iP 37 04
 iS 41 21
 Canton +iP 37 05
 iS 41 25
 Lanchow eP 37 50
 Sian eP 37 51
 S 42 42
 Nanking +P 38 26
 S 43 41
 Zose eP 38 36
 S 44 13
 Paotow eP 38 42
 S 44 15
 Peking +P 39 03
 S 44 57
 Changchun +iP 40 03
 PP 41 51
 iS 46 48

Epc: 8°N, 92°¹/₂E
 O: 09-31-41
 M: 5³/₄

X

12.VII

Changchun -iP 13 34 14
 e(S) 37 41
 Peking oP 35 33
 Zose oP 35 44
 eS 40 08
 Nanking e(P) 35 53
 e 40 48
 Paotow e(P) 36 20
 o 40 27
 Chengtu c(P) 37 29
 Kunming e(P) 38 04
 Lhasa e(P) 38 27

Epc: 44°¹/₂N, 151°E
 O: 13-29-56
 M: 3³/₄

✓

13.VII ✓

Zose P 21 46 31
 Canton iP 46 39
 Nanking eP 46 52
 Sian P 48 25
 Peking P 48 43
 eS 52 02
 Chengtu iP 48 47

Epc: 23°N, 122°¹/₂E
 O: 21-44-31
 M: 5

Cont

✓ 13.VII Kunming P 21 48 50
 ✓ Paotow eS 52 36
 ✓ Changchun P 49 13
 P 49 14

✓ 15.VII Zose eP 00 21 57
 ✓ Nanking eP 22 11
 Kunming e(S) 25 40
 eP 22 33
 eS 26 21
 Chengtu eP 22 56
 Sian +iP 22 58
 iP 27 10
 Peking eP 23 29
 (S) 23 04
 Paotow eP 23 46
 e(S) 28 30
 Changchun eP 24 09
 Lhasa eP 24 17
 S 29 25

Epc: 13°¹/₂N, 121°¹/₂E
 O: 00-17-48
 M: 5¹/₄

✓ 15.VII Canton e(P) 14 00 54
 S 05 19
 Zose e(P) 02 05
 eS 07 17
 Chengtu o(P) 02 14
 S 07 35
 Sian e(P) 02 34
 S 08 08
 Kunming e(P) 01 36
 eS 06 29
 Lhasa eP 02 54
 S 08 45
 Lanchow eP 02 55
 PP 04 26
 S 08 47
 Peking eP 03 12
 S 09 19
 Paotow eP 03 19
 S 09 33
 Changchun eP 03 43
 eS 10 14
 e 12 24
 Nanking e 03 42
 eS 07 22

Epc: Java Sea.
 (爪哇海)
 O: 13-55-35+

✓ 16.VII Nanking eP 06 59 19
 ✓ Peking -P 59 48
 Sian -iP 07 00 01
 Paotow eP 00 09
 Kunming -P 00 09
 Chengtu -P 00 12
 Lhasa eP 00 30

16.VII	Zose	eP	14 12 59
		eS	22 23
	Canton	P	13 06
		eS	22 33
	Nanking	eP	13 13
		eS	22 48
	Changchun	+iP	13 37
		eS	23 34
	Peking	eP	13 51
		S	24 02
	Kunming	+P	13 58
		SKS	24 14
		S	24 22
	Sian	+P	13 59
		S	24 18
	Chengtū	eP	14 07
		SKS	24 29
	S	24 35	
Paotow	eP	14 12	
	eSKS	24 39	
	S	24 44	
Lanchow	eP	14 20	
	S	24 56	
Lhasa	eP	14 53	
	SKS	25 27	

Epc: New Hebrides.
 (新赫布利德群岛)
 O: 14-01-31
 M: 5 $\frac{1}{2}$

16.VII	Changchun	eP	21 13 33
		S	17 21
	Peking	eP	14 48
		eS	19 34
	Zose	+P	15 10
		eS	20 17
	Nanking	eP	15 17
		(S)	20 33
	Paotow	eP	15 22
	Sian	eP	15 58
	Lanchow	+P	16 17
	Chengtū	eP	16 41
		e(S)	23 06
	Kunming	eP	17 21
	eS	24 07	
Lhasa	e(P)	17 49	
	e(S)	25 06	

Epc: 50° $\frac{1}{2}$ N, 155°E
 O: 21-08-46

17.VII	Lhasa	eP	14 57 50
		S	15 01 26
	Paotow	e	08 28
	Sian	e	09 02
	Kunming	e	10 38
Peking	e	10 51	

O: 14-53-18+

17.VII	Changchun	+iP	16 23 44
		S	26 29
	Zose	+P	24 18
	S	27 31	

Epc: 36°N, 141°E
 O: 16-20-16
 M: 5 $\frac{1}{2}$

Cont

17.VII	Nanking	eP	16 24 37
		S	28 02
✓	Peking	eP	24 49
	Paotow	eP	25 38
		eS	29 56
	Sian	eP	25 53
		eS	30 23
	Canton	eP	26 03
		eS	30 41
	Lanchow	+P	26 26
		S	31 31
	Chengtu	eP	26 37
		eS	31 42
	Kunming	eP	27 05
		S	32 31
	Lhasa	+P	28 11
		S	34 33

18.VII	Zose	+iP	14 05 50	Epc: 29° ¹ / ₃ N, 132°E
		iS	07 37	O: 14-03-31
✓	Nanking	+iP	06 21	M: 6 ¹ / ₂
		iS	08 34	
	Changchun	+iP	07 10	
		S	10 00	
	Peking	eP	07 28	
		S	10 34	
	Canton	+iP	07 44	
		i(S)	11 03	
	Sian	+iP	08 08	
		iS	11 46	
	Paotow	+iP	08 18	
		iS	12(13)	
	Chengtu	+iP	08 49	
		iS	13 04	
	Lanchow	+iP	08 53	
	Kunming	+P	09 12	
		iS	13 44	
	Lhasa	eP	10 33	
		S	16 04	

18.VII	Zose	+iP	14 36 15	Aftershock of 18/VII 14 ^h 余震
		S	38 08	O: 14-33-55+
✓	Changchun	+iP	37 39	
	Canton	eP	38 08	
		(S)	41 31	
	Sian	eP	38 31	
	Paotow	eP	38 47	
	Chengtu	eP	39 13	
	Lanchow	+iP	39 15	
	Lhasa	eP	40 55	
		S	46 25	

✓	Chengtu	cP	15 19 46	Aftershock of 18/VII 14 ^h 余震 O: 15-16-06 _±
	Paochow	cP	19 58	
	Peking	cP	20 07	
	Lanchow	e	21 25	
		+P	21 28	
		cS	25 39	

18.VII	Zose	+P	16 22 19	Aftershock of 18/VII 14 ^h 余震 O: 16-19-59 _±
✗	Changchun	e(S)	24 07	
		eP	23 40	
	Peking	S	26 29	
	Paochow	eP	23 59	
	Sian	e	23 50	
		eP	24 36	
	Lanchow	S	29 02	
	Lhasa	eP	25 20	
		e	27 04	

18.VII	Zose	cP	16 37 43	Aftershock of 18/VII 14 ^h 余震 O: 16-35-22
✗	Peking	eS	39 32	
	Lanchow	eP	39 22	
		eP	40 44	

18.VII	Zose	+iP	16 50 50	Aftershock of 18/VII 14 ^h 余震 O: 16-48-30 M: 4 $\frac{1}{2}$
✗	Changchun	e(S)	52 40	
		cP	52 17	
	Peking	S	55 06	
		+P	52 30	
	Canton	eS	55 36	
	Sian	cP	52 43	
		eP	53 07	
		cS	56 47	
	Paochow	eP	53 18	
	Chengtu	e	53 49	
	Lanchow	+iP	53 51	
	Lhasa	e	55 28	

✗	18.VII	Zose	+cP	18 35 49	Aftershock of 18/VII 14 ^h 余震 O: 18-33-36
		Peking	eP	37 33	
			eS	40 39	

18.VII	Zose	+P	19 31 23	Epc: 290 $\frac{1}{2}$ N, 132 ^o E O: 19-29-03 M: 5 Aftershock of 18/VII 14 ^h 余震
✓	Hanking	cS	33 16	
	Changchun	e(P)	31 52	
		eP	32 43	
	Peking	S	35 33	
		eP	32 59	
	Sian	eS	36 05	
		eP	33 39	
		eS	37 19	
	Paochow	eP	33 47	
		eS	37 40	

✓	18.VII	Chengtu	oP	19 34 21	
			S	38 35	
		Lanchow	oP	34 21	
		Kunming	eP	34 45	
			S	39 19	
		Lhasa	oP	36 04	
			oS	42 24	
✗	18.VII	Lhasa	eP	21 33 28	Aftershock of 18/VII 14 ^h 余震
		Peking	eP	36 24	
		Changchun	eP	37 12	
✗	18.VII	Zose	eP	21 58 51	Aftershock of 18/VII 14 ^h 余震
			oS	22 00 44	O: 21-56-24
		Nanking	e	05 41	
		Peking	eP	00 30	
		Paotow	eP	01 28	
✓	18.VII	Zose	+iP	23 44 50	Aftershock of 18/VII 14 ^h 余震
			oS	46 43	O: 23-42-30
		Changchun	eP	46 13	M: 4 $\frac{3}{4}$
			S	50 43	
		Peking	eP	46 30	
			eS	49 39	
		Chengtu	eP	47 49	
			S	52 00	
		Lanchow	-P	47 51	
		Kunming	eP	48 11	
			eS	52 44	
		Lhasa	eP	49 31	
			oS	55 50	
✗	19.VII	Paotow	oP	04 10 22.5	
✗	19.VII	Kunming	e	05 14 47	
	19.VII	Zose	eP	05 32 09	Aftershock of 18/VII 14 ^h 余震
		Nanking	e	32 34	M: 4 $\frac{1}{4}$
			oS	33 55	O: 05-29-55
✗		Changchun	eP	33 31	
			eS	36 20	
		Peking	eP	33 50	
			eS	36 56	
		Sian	e	34 37	
			eS	38 32	
		Paotow	eP	34 40	
			eS	38 30	
		Lanchow	eP	35 16	
			S	39 30	
✗	19.VII	Zose	e	06 27 59	
			L _M	28.7	
✓	19.VII	Zose	+iP	06 35 35	hpc: 29° $\frac{1}{2}$ N, 132°E
			e(S)	37 23	O: 06-33-18
		Nanking	(o)	35 54	M: 5
		Changchun	oP	36 55	Aftershock of 18/VII 14 ^h 余震

Cont

19.VII	Changchun	eS	06 39 45
	Peking	eP	37 14
	Sian	eS	40 19
		eP	37 46
	Paotow	eS	41 19
		eP	38 01
	Chengtu	eS	41 57
		eP	38 32
	Lanchow	iS	42 46
		eP	38 34
	Kunming	eP	38 54
		eS	43 24

19.VII	Zose	+P	07 46 06
		e	47 49
	Changchun	e(P)	47 31
		e	50 29
	Peking	eP	47 47
		eS	50 58
	Paotow	eP	48 39
		eS	52 33
	Lanchow	eP	49 06

Aftershock of 18/VII 14^h 余震
 O: 07-43-46
 M: 4

19.VII	Zose	eP	08 03 54
	Changchun	c	05 28
	Peking	+P	05 32
	Paotow	e(P)	06 30
	Lanchow	eP	06 54

O: 08-01.6

19.VII	Zose	+iP	10 37 57
		eS	39 46
	Changchun	eP	39 21
		eS	42 13
	Sian	e	40 14
	Paotow	eP	40 25
		eS	44 21
	Lanchow	eP	40 56
		eS	45 18
	Chengtu	e(P)	40 57
		eS	45 12
	Kunming	eP	41 19
		eS	45 52

Aftershock of 18/VII 14^h 余震
 O: 10-35-38

19.VII	Zose	+iP	12 00 58
		S	02 42
	Nanking	+iP	01 27
		(S)	03 40
	Changchun	eP	02 19
		eS	05 09
	Peking	eP	02 34
		eS	05 42
	Sian	eP	03 12
		eS	06 51
	Paotow	eP	03(25)
		S	07 20

Epc: 29°N, 132°E
 O: 11-58-39
 M: 5

Aftershock of 18/VII 14^h 余震

18.VII ~~Changtu~~

✓ Lanchow

✓ Kunming

	eP	.12	03	57
	iS		08	12
+iP	+iP		53	59
	e		06	55
	eP		04	16
	S		08	45

19.VII Zose

X Sian

X Paotow

Changtu

Lanchow

Lhasa

+P	19	47	46
e(S)		49	35
eP		50	02
eS		53	40
eP		50	15
eS		54	10
e(P)		50	45
eS		54	59
eP		50	47
e		52	31

Aftershock of 18/VII 14^h 余震
O: 19-45-27

20.VII Zose

X Nanking

X Changchun

Peking

Canton

Sian

Paotow

Changtu

Kunming

Lhasa

+P	03	06	55
eS		08	47
eP		07	23
eS		09	34
eP		08	15
eS		11	04
eP		08	35
eS		11	45
e		08	48
e(P)		09	09
e(S)		13	02
eP		09	22
eS		13	17
eP		09	53
eS		14	06
e		10	15
e		11	36

Aftershock of 18/VII 14^h 余震
O: 03-04-39

20.VII Canton

X Zose

X Nanking

Kunming

Sian

Changtu

Peking

Lanchow

Paotow

Changchun

Lhasa

-P	06	51	37
S		54	44
+P		52	22
S		56	07
eP		52	37
e(S)		56	26
eP		53	10
eS		57	37
+P		53	29
S		58	04
eS		58	07
eP		53	52
eS		58	46
eP		54	06
eP		54	13
e(S)		59	27
eP		54	16
e(S)		59	34
eP		54	49
eS	07	00	28

Epc: 10°N, 125°E
O: 06-47-41
M: 5

20.VII	Zose	+P	09 04 54	Epc: 29°N, 132°E O: 09-02-35 M: 5 Aftershock of 18/VII 14h 余震
		eS	06 40	
	Nanking	+P	05 23	
		S	07 52	
✓	Changehun	eP	06 16	
		eS	09 07	
	Peking	iP	06 34	
		eS	09 42	
	Canton	oP	06 49	
	Sian	+P	07 11	
		e	11 03	
	Paotow	eP	07 21	
		eS	11 16	
	Chengtu	oP	07 54	
		S	12 09	
	Lanchow	iP	07 56	
		eS	12 16	
	Kunming	eP	08 13	
		eS	12 42	
	Lhasa	eP	09 36	

20.VII	Canton	e	15 02 59	Epc: 19°N, 121°E O: 15-00-16 M: 4½
	Zose	eP	04 09	
		e	07 03	
✗	Kunming	oP	04 33	
		eS	07 55	
	Sian	+P	04 34	
		S	07 57	
	Chengtu	eP	04 41	
		S	08 10	
	Peking	oP	05 02	
		e(S)	08 51	
	Lanchow	eP	05 18	
	Paotow	eP	05 26	
		eS	09 34	
	Changehun	eP	05 40	
		eS	10 00	
	Lhasa	eP	06 23	

20.VII	Zose	e(P)	15 34 46	Epc: 25°N, 122°E O: 15-33-18 M: 4½
		i	35 54	
	Nanking	-P	35 07	
		i	36 37	
✗	Canton	e(P)	35 21	
		i	36 50	
	Sian	-P	36 44	
	Peking	eP	36 59	
		S	40 02	
	Chengtu	eP	37 11	
		eS	40 23	
	Kunming	+P	37 21	
		eS	40 43	
	Paotow	eP	37 27	
		e(S)	41 00	

	20.VII	Changchun	e(P)	15 37 50	
			e(S)	40 53	
X		Lanchow	eP	37 35	
		Lhasa	eS	41 12	
			e	44 34	
X	21.VII	Zose	eP	18 01 29	Aftershock of 18/VII 14 ^h 余震
			eS	03 22	O: 17-59-04
		Changchun	eP	02 51	M: 4
			eS	05 51	
		Peking	eP	03 06	
			eS	06 15	
X	21.VII	Zose	eP	18 36 32	Aftershock of 18/VII 14 ^h 余震
			eS	38 24	O: 18-34-10
		Nanking	e(P)	37 02	M: 4 $\frac{1}{2}$
			eS	39 13	
		Changchun	eP	37 54	
		Peking	P	38 12	
			eS	41 18	
		Sian	eP	38 57	
			eS	42 35	
		Paotow	eP	38 59	
			eS	42 57	
		Chengtū	eP	39 32	
			eS	43 42	
		Lanchow	eP	39 33	
	21.VII	Zose	-P	18 53 07	Spa: 29°N, 132°E
			eS	54 55	O: 18-50-45
		Nanking	eP	53 36	M: 5
			e(S)	55 41	Aftershock of 18/VII 14 ^h
		Changchun	-iP	54 29	
			eS	57 17	
		Peking	-iP	54 45	
			S	57 55	
		Canton	+iP	55 02	
			eS	58 28	
		Sian	+P	55 25	
		Paotow	eP	55 33	
			eS	59 24	
		Chengtū	eP	56 06	
			S	19 00 23	
		Lanchow	iP	18 56 08	
		Kunming	eP	56 23	
			eS	19 01 01	
		Lhasa	eP	18 57 47	
X	21.VII	Zose	+P	22 42 09	Aftershock of 18/VII 14 ^h 余震
			eS	43 59	O: 22-39-46
		Nanking	eP	42 38	M: 4 $\frac{1}{2}$
			eS	44 51	

Cont

21.VII	Changchun	eP	22 43 31
		eS	46 26
	Peking	+iP	43 48
		eS	46 58
	Canton	eP	44 02
	Sian	+P	44 25
		e(S)	48 02
	Pactow	eP	44 34
		eS	48 24
	Chengtū	eP	45 07
		eS	49 26
	Kunming	eP	45 29
		eS	50 03
	Lhasa	eP	46 50

X	22.VII	Zose	e(P)	10 48 09	Aftershock of 18/VII 14 ^h 余震
			e(S)	49 48	
		Peking	eP	49 17	
		Changchun	eP	49 36	

X	22.VII	Zose	eP	20 31 21	Aftershock of 18/VII 14 ^h 余震 O: 20-29-01.
			e(S)	33 08	
		Nanking	eP	31 53	
			eS	34 03	
		Changchun	eP	32 46	
			eS	35 33	
		Peking	eP	33 02	
		Pactow	e(P)	34 00	
			e(S)	37 48	

X	22.VII	Zose	eP	21 04 0
		Peking	eP	05 40

X	22.VII	Zose	eP	22 31 45	Aftershock of 18/VII 14 ^h 余震 O: 22-29-24
			eS	33 34	
		Nanking	e	32 22	
			eS	34 40	
		Changchun	eP	33 07	
			eS	36 00	
		Peking	eP	33 23	
			eS	36 30	
		Sian	eS	37 45	

✓	23.VII	Zose	eP	14 14 30	Epc: New Hebrides. (新赫布里底斯群岛) O: 14-03-36 M: 5 $\frac{1}{2}$
			eS	23 21	
		Canton	eP	14 37	
			eS	23 35	
		Nanking	e(P)	14 45	
			S	23 51	
		Changchun	+iP	15 09	
			S	24 39	
		Peking	eP	15 23	
			S	25 07	

Ant
✓

23.VII	Sian	+P	14 15 33
		S	25 22
	Kunming	eP	15 33
		iS	25 24
	Chengtu	eP	15 42
		iS	25 39
	Paotow	+P	15 48
		S	25 52
	Lanchow	+iP	15 56
	Lhasa	eP	16 32
		eS	27 20

✓

23.VII	Zose	eP	15 41 08
		S	49 58
	Canton	eP	41 15
		e(S)	50 12
	Nanking	eP	41 24
		S	50 27
	Changchun	eP	41 48
	Peking	eP	42 02
		S	51 45
	Sian	eP	42 09
		S	52 00
	Kunming	eP	42 10
		S	52 01
	Chengtu	eP	42 18
		iS	52 15
	Paotow	eP	42 25
	Lanchow	iP	42 33
	Lhasa	eP	43 09
		SKS	53 35
		S	53 54

Epc: New Hebrides.
(新赫布里底斯群岛)
O: 15-30-15
M: 5 $\frac{1}{4}$

✓

23.VII	Zose	+iP	22 01 59
		iS	10 50
	Canton	+iP	02 06
		iS	11 04
	Nanking	+iP	02 13
		S	11 17
	Changchun	+iP	02 39
	Peking	+iP	02 53
		S	12 31
	Sian	+iP	03 02
		S	12 50
	Kunming	+iP	03 02
		iS	12 51
	Chengtu	+iP	03 10
		iS	13 07
	Paotow	+iP	03 16
		iS	13 16
	Lhasa	+iP	04 01
		SKS	14 28
		S	14 47

Epc: New Hebrides.
(新赫布里底斯群岛)
O: 21-51-05
M: 7 $\frac{1}{2}$

X	23.VII	Kunming	eP	23 57 15	
		Peking	eP	58 03	
		Chengtu	eP	58 23	
		Lhasa	eP	59 13	
✓	24.VII	Nanking	e	01 42 04	
		Canton	e(S)	51 16	
		Changchun	-iP	42 17	
			eS	51 48	
		Peking	e	42 33	
		Chengtu	e	42 56	
		Lhasa	i	53 19	
X	24.VII	Zose	eP	04 11 58	
			eS	13 47	
		Changchun	eP	13 43	
		Peking	eP	13 37	
✓	24.VII	Canton	(eP)	08 53 29	
			eS	57 03	
		Chengtu	+P	55 03	
			e(S)	09 00 27	
		Peking	eP	08 55 41	
		Lhasa	eP	56 05	
			e(S)	09 02 25	
✓	25.VII	Peking	e(P)	03 06 51	
		Sian	eP	07 02	
		Kunming	eP	07 09	
X	25.VII	Canton	-iP	12 03 06	Epc: 21°N, 123°E
			i	05 03	O: 12-00-48
		Zose	e	03 13	H: 4 $\frac{1}{2}$
			e	05 12	
		Nanking	eP	03 35	
		Sian	eP	05 05	
			eS	08 29	
		Kunming	-P	05 16	
			eS	08 48	
		Chengtu	eP	05 21	
			S	08 57	
		Peking	eP	05 23	
			eS	09 01	
		Lanchow	eP	05 50	
			S	09 56	
		Paotow	eP	05 53	
			eS	10 00	
		Changchun	eP	05 57	
			iS	10 03	
		Lhasa	eP	07 00	
✓	25.VII	Canton	+iP	18 44 55	Epc: 0°N, 126°E
			eS	49 16	O: 18-39-29

Cont.

✓

25.VII	Zose	-P	18 45 46
		c	46 58
	Nanking	-P	45 57
	Kunming	+P	46 01
		eS	51 16
	Chengtu	+P	46 29
		eS	52 06
	Sian	iP	46 38
		e	54 17
	Peking	e(P)	47 06
		(S)	53 13
	Lanchow	P	47 08
		e	52 59
	Changchun	+iP	47 29
		e	54 04
	Lhasa	+iP	47 32
		S	53 10

X

25.VII	Changohun	-iP	18 43 48	Epc: 40° ¹ / ₂ N, 138°E O: 18-41-32
		S	45 34	
	Peking	oP	45 13	
		S	48 09	
	Nanking	eP	45 30	
		eS	48 27	
	Pactow	eP	46 00	
		eS	49 34	
	Sian	oP	46 28	
		e(S)	50 27	

X

26.VII	Nanking	oP	03 03 29
	Kunming	oP	03 34
	Chengtu	eP	04 02
	Sian	oP	04 10
	Lhasa	eP	04 21
	Peking	eP	04 33
	Changohun	e(P)	05 53

X

26.VII	Zose	oP	20 40 30
	Peking	P	42 10
		e(S)	45 30
	Changohun	e(P)	42 10

X

27.VII	Changchun	e	02 33 41
	Peking	eP	33 57
		e	37 06
	Lanchow	eP	35 18
	Nanking	e	35 24
	Chengtu	e	35 29

X	27.VII	Changchun	oP	00 02 51	Epc: Baykal. (貝加爾) O: 23-54.5
			eS	05 28	
		Peking	o(P)	03 00	
		Sian	e	04 07	
		Zose	e	09 11	
		Nanking	e	11 24	
		Chengtū	e	11 41	
		Kunming	e	15 34	
✓	28.VII	Zose	+iP	00 35 52	Epc: 25° ¹ / ₂ N, 126°E O: 00-34-13 h: 100km M: 5 ¹ / ₂
		Nanking	+iP	36 23	
		Canton	o(P)	37 22	
		Peking	iP	37 55	
			(S)	40 54	
		Sian	-iP	38 10	
			sP	38 41	
			iS	41 18	
		Chengtū	-P	38 43	
			sP	39 11	
			iS	42 17	
		Lanchow	-iP	38 57	
			sP	39 29	
			S	42 45	
	Kunming	eP	39 00		
		sP	39 31		
		S	42 51		
	Lhasa	eP	40 29		
✓	28.VII	Changchun	e	01 24 33	
		Peking	e	24 45	
		Paotow	i	24 47	
		Zose	i	24 55	
		Nanking	i	24 55	
		Lanchow	o	24 56	
		Sian	e	24 58	
		Lhasa	i	25 05	
		Chengtū	i	25 06	
		Kunming	i	25 12	
✓	28.VII	Zose	eP	06 22 32	Epc: New Hebrides. (新赫布利底斯群島) O: 06-11-33 M: 5 ¹ / ₂
			S	31 23	
		Canton	eP	22 40	
			S	31 37	
		Nanking	eP	22 47	
			eS	31 52	
		Changchun	-iP	23 14	
			iS	32 45	
		Peking	oP	23 28	
			S	33 11	
	Kunming	eP	23 35		
		S	33 22		

Cont

28.VII	Sian	-P	06 23 35
		S	33 25
	Chengtu	P	23 43
		S	33 38
	Paotow	-P	23 51
		S	33 56
	Lanchow	eP	23 56
		(S)	34 13
	Lhasa	eP	24 34
		SKS	35 01
		S	35 19

28.VII	Canton	-P	13 26 01	Epc: 0° 123°E
		eS	30 18	O: 13-20-39
	Zose	eP	26 58	
		e(S)	32 02	
	Kunming	eP	27 04	
		eS	32 13	
	Nanking	eP	27 11	
		eS	32 24	
	Chengtu	eP	27 34	
		eS	33 04	
	Sian	eP	27 46	
		(S)	33 33	
	Lanchow	eP	28 13	
	Peking	eP	28 17	
		e(S)	34 22	
	Lhasa	eP	28 31	
		eS	34 49	
	Paotow	eP	28 52	
		cS	34 49	

28.VII	Changchun	eP	15 23 17	Epc: 44°N, 146°E
		S	28 08	O: 15-19-40
	Peking	+P	24 42	
		cS	28 44	
	Zose	+P	24 50	
		eS	29 02	
	Nanking	+iP	25 01	
		eS	29 21	
	Paotow	+eP	25 26	
		S	30 04	
	Sian	+P	25 54	
		eS	30 53	
	Canton	e	26 37	
	Chengtu	eP	26 40	
		e(S)	32 14	
	Kunming	+P	27 14	
		eS	33 18	
	Lhasa	+eP	28 05	
		e(S)	34 49	

29.VII Zose e 16 39 32 Epc: Tonga Is.
 Canton +P 39 47 (東加群島)
 Nanking +P 39 48 O: 16-27-17+
 Changchun +iP 40 01
 S 50 37
 Peking +P 40 18
 c(S) 51 02
 Sian +P 40 29
 Kunming -eP 40 32
 Chengtu +P 40 38
 S 51 49
 Paotow +P 40 39
 Lanchow +P 40 49

30.VII Nanking e 16 09 54
 Peking eP 10 51
 eS 14 04
 Zose eP 11 11
 Paotow e(P) 11 43

31.VII Kunming eP 00 22 54
 eS 26 59
 Lhasa i 23 58
 Nanking e(P) 24 00
 eS 28 56
 Zose e(P) 24 01
 Sian eP 24 07
 eS 29 10
 Changchun P 24 51
 Peking eP 25 00
 eS 30 41

Epc: ~~3°N, 110°E~~
 O: ~~00-17-5J~~

NO SENSE

Given by
 S. P. Lee (Chief)
 S. J. Mei

Division of Seismology,
 Institute of Geophysics, Academia Sinica
 Peking China.

PERLIMINARY SEISMOLOGICAL REPORT
OF
CENTRAL STATION "PEKING" AND AUXILIARY STATIONS

1 - 31, August 1961

✓	1.VIII	Zose	P	05 49 28	Epc: Solomon Is. (所罗门群岛) O: 05-39-47 M: 6 ¹ / ₂ (Peking)
		Canton	iS	57 12	
			P	49 36	
			S	57 29	
		Nanking	e(P)	49 44	
		Changchun	+iP	50 13	
			S	58 42	
		Peking	P	50 29	
			S	59 05	
		Sian	+P	50 36	
			S	59 17	
		Kunming	P	50 40	
			iS	59 29	
		Chengtu	eP	50 46	
		S	59 39		
	Pao ow	+iP	50 55		
		S	59 57		
	Lanchow	+iP	51 05		
		iS	60 17		
	Lhasa	+P	51 48		
		iS	06 01 38		
✓	1.VIII	Lhasa	ePKP	07 40 13	O: 07-20,9
		Kunming	ePKP	40 30	
			PP	43 48	
		Lanchow	ePKP	40 35	
		Canton	+i	40 40	
		Chengtu	e	40 44	
			i	44 02	
		Nanking	ePKP	40 47	
		Zose	PKP	40 49	
		Pao ow	PKP	40 54	
		Peking	e(PKP)	40 57	
		Changchun	ePKP	41 04	
		Sian	e(PKP)	41 44	
	✓	1.VIII	Lhasa	ePKP	
		Chengtu	e	53 59	
			e	57 28	
		Lanogow	ePKP	53 59	
		Sian	e(PKP)	54 07	
		Nanking	PKP	54 13	
			e(PP)	57 49	
		Zose	PKP	54 15	
		Pao ow	PKP	54 21	
		Peking	e(PKP)	54 23	

Station	Code	Time	Epc
1.VIII Changchun	PKP	09 54 31	CANTON?
Cantow	e	56 24	
Kunming	+iPKP	57 13	
2.VIII Nanking	eP	02 51 03	
Paotow	eP	51 09	
Peking	eP	51 16	
Kunming	eP	54 00	
2.VIII Changchun	eP	12 15 59	Epc: Near Hokkaido Japan (日本北海道) O: 12-02-10
	(S)	19 00	
Peking	P	17 22	
	(S)	21 41	
Paotow	eP	18 01	
	e(S)	22 43	
Lanchow	+P	18 55	
	S	24 19	
Kunming	(P)	19 52	Epc: 3° $\frac{1}{2}$ S, 132°E O: 06-51-44
	S	26 06	
Lhasa	e(S)	27 29	
3.VIII Zose	e(P)	06 58 46	
	eS	07 04 24	
Nanking	P	06 59 01	
	S	07 04 50	
Kunming	eP	06 59 19	
	eS	07 05 25	
Sian	eP	06 59 45	
	eS	07 06 10	
Chengtū	eP	06 59 45	
Peking	P	07 00 08	
	e	05 46	
Lanchow	eP	00 17	
Changchun	P	00 22	
	S	07 16	
Paotow	eP	00 25	
	(S)	07 26	
3.VIII Zose	eP	23 39 32	Epc: 12°N, 143° $\frac{1}{2}$ E O: 23-33-40 M: 5
	eS	44 13	
Changchun	eP	40 35	
	eS	46 08	
Nanking	P	40 47	
	e	46 34	
Peking	P	40 48	
	S	46 31	
Cantow	e(P)	40 56	
Sian	eP	41 03	
	eS	46 55	
Kunming	eP	41 23	
	eS	47 35	
Chengtū	P	41 25	
	S	47 33	

3.VIII *Cont*
 ✓ Lanchow +P 23 41 41
 Lhasa eP 42 49
 eS 50 08

4.VIII ✓
 Changchun +iP 22 57 07 Epc: $43^{\circ}\frac{1}{2}N$, $150^{\circ}\frac{1}{2}E$
 S 23 00 26 O: 22-52-54
 Peking P 22 58 27 M: $5\frac{1}{2}$
 S 23 02 54
 Zose -P 22 58 37
 iS 23 03 17
 Nanking -P 22 58 45
 eS 23 03 28
 Paotow P 22 59 04
 (S) 23 04 10
 Sian eP 22 59 37
 S 23 04 59
 Lanchow P 22 59 59
 iS 23 06 39
 Chengtu P 00 23
 iS 06 21
 Kunming -P 00 58
 iS 07 25
 Canton eP 01 00
 Lhasa +P 01 42
 S 03 45

5.VIII ✗
 Paotow P 18 41 52 Epc: $43^{\circ}N$, $108^{\circ}E$
 S 42 30 O: 18-40-54
 Tatung S 43 34 M: $3\frac{3}{4}$
 Peking iP 43 00
 iS 44 30
 Sian iS 45 44

5.VIII ✗
 Lhasa -iP 19 02 20 Epc: $22^{\circ}\frac{1}{2}N$, $93^{\circ}\frac{1}{2}E$
 iS 03 50 O: 19-00-20
 Kunming +P 02 31 M: $3\frac{3}{4}$
 S 04 11
 Chengtu eP 03 21
 S 05 42

7.VIII ✓
 Canton +iP 04 28 03 Epc: $2^{\circ}\frac{1}{2}S$, $122^{\circ}\frac{1}{2}E$
 eS 32 43 O: 04-22-16
 Zose +P 29 03 M: 5 (Peking)
 iS 34 25
 Kunming +iP 29 03
 eS 34 28
 Nanking +P 29 13
 iS 34 44
 Chengtu eP 29 34
 eS 35 23
 Sian +iP 29 47
 S 35 48
 Lanchow +P 30 15
 Peking +P 30 19
 S 36 42

7.VIII Paotow +P 04 30 27
 Lhasa +iP 30 29
 S 37 01
 Changchun e(P) 30 47
 e(S) 37 40

7.VIII Kunming eP 10 49 52 0: 10-43-27+
 Chengtu P 50 20
 Sian -iP 50 29
 Peking eP 50 58
 Lan show eP 50 58
 Paotow eP 51 12
 Lhasa P 51 21
 eS 57 40

7.VIII Canton +P 12 34 57 Epc: Kermadec Is.
 Nanking +iP 35 00 (克馬德克群島)
 eSKS 45 33 0: 12-22-10
 eS 45 45
 Changchun +iP 35 18
 iS 46 15
 Peking +P 35 32
 SKS 46 05
 S 46 41
 Sian +P 35 42
 eS 47 01
 Kunming eP 35 42
 SKS 46 20
 S 47 03
 Chengtu P 35 47
 SKS 46 25
 eS 47 09
 Lanchow eP 36 01

8.VIII Canton S 00 41 53 0: 00-18-45
 Nanking P 31 31
 eS 42 04
 Changchun +P 31 49
 iS 42 43
 Chengtu P 32 19
 SKS 42 56
 S 43 41
 Paotow SKS 42 56
 (S) 43 52

8.VIII Zose e 07 27 42 Epc: Solomon Is.
 e(S) 35 07 (所羅門群島)
 Canton eS 35 20 0: 07-18-29
 Nanking e(P) 28 00
 eS 35 38
 Changchun e(P) 28 33
 Kunming eS 36 21
 Peking eS 37 01

8.VIII Lanchow eP 07 29 21
 Chengtu eS 37 36
 Paotow e(P) 29 12
 eS 37 54
 Lhasa e² 30 06
 eS 39 36

8.VIII Changchun -iP 12 26 17 Epc: 50°¹N, 171°W
 iS 32 34 O: 12-18-21
 Peking -iP 27 18 M: 6
 S 34 26
 Zose +P 27 39
 Paotow -i P 27 44
 S 35 11
 Nanking -iP 27 45
 S 35 18
 Sian -iP 28 18
 iS 36 22
 Lanchow -iP 23 31
~~Caotow~~ -iP 28 54
 eS 37 25
 Chengtu iS 37 30
 Kunming -P 29 25
 iS 38 29
 Lhasa -iP 29 49
 S 39 07

9.VIII Changohun eP 04 05 37 Epc: Sea of Japan.
 Peking eP 07 00 (日本海)
 Nanking e(S) 10 43 O: 04-02-20±
 Sien eP 07 08
 o(P) 08 14
 Lanchow P 08 40
 Kunming eP 09 34
 Lhasa eP 10 24

9.VIII Zose +iP 16 13 30 Epc: New Hebrides.
 S 22 25 (新赫布里底斯群島)
 Canton +iP 13 37 O: 16-02-33
 S 22 37
 Nanking +iP 13 44
 S 22 53
 Changohun +iP 14 10
 S 23 41
 Peking +iP 14 24
 S 24 09
 Kunming +iP 14 32
 S 24 23
 Sian +iP 14 32
 S 24 23
 Chengtu iP 14 40
 iS 24 39
 Paotow +iP 14 47
 eS 24 53

Cont

9.VIII Lanchow +1P 16 14 56
 ✓ Lhasa iS 25 10
 ✓ +1P 15 29
 SKS 25 55
 eS 26 13

X 10.VIII Changchun e 01 37 07 O: 01-34.1
 Peking e(P) 38 31
 eS 42 00
 Paotow eP 39 01
 eS 42 53
 Zose e(S) 44 07
 Sian eP 39 53
 e(S) 44 30
 Lanchow P 40 01

✓ 10.VIII Changchun P 12 06 04 Epc: Japan.
 Zose e 06 49 (日本)
 S 09 46 O: 12-03-17
 Nanking e(P) 07 13
 Peking eP 07 20
 eS 10 31
 Sian e(P) 08 32
 Lanchow -P 08 59
 (S) 13 46

X 11.VIII Nanking oP 04 30 14 Epc: Near Kyushu, Japan
 Changchun eP 30 29 (日本九州附近)
 Peking eP 30 55 O: 04-27-14+
 Sian e(P) 31 55
 Lanchow eP 32 31
 Chengtu e(P) 32 32
 Kuuming (S) 38 29

✓ 11.VIII Zose e 06 10 35 Epc: 31°N, 133°E
 Nanking eP 10 59 O: 06-08-08.
 Changchun +1P 11 24 M: 5
 eS 14 54
 Peking +P 11 51
 S 14 45
 Canton e(P) 12 40
 (S) 16 17
 Sian P 12 44
 Paotow eP 12 45
 Lanchow eP 13 25
 S 17 38
 Chengtu eP 13 29
 eS 17 48
 Kuuming e(P) 14 01
 eS 13 44

✓ 11.VIII Canton iP 11 09 56 Epc: Celebes Sea.
 iS 14 06 (苏拉威西海)
 Nanking eP 10 57 O: 11-04-42

Conf
 ✓
 11.VIII

Nanking	S	11 15 58
Kunming	eP	10 59
	S	16 03
Ch ngtu	e(P)	11 28
	i	16 52
Sian	-P	11 37
	iS	17 10
Peking	P	12 05
Lanchow	+P	12 06
	S	18 02
Lhasa	P	12 29
	S	13 42
Changchun	e	12 31
Paotow	eP	12 52
	S	19 22

✓
 11.VIII

Changchun	+iP	15 54 57
	iS	57 37
Peking	+iP	56 24
	iS	16 00 19
Zose	+iP	15 56 31
	iS	16 00 32
Nanking	+iP	15 56 42
	iS	16 00 55
Paotow	+iP	15 57 08
	iS	16 01 35
Sian	+iP	15 57 37
	i(S)	16 02 26
Lanchow	+iP	15 58 03
	eS	16 03 11
Canton	+iP	15 58 08
	iS	16 03 21
Chengtu	iP	15 58 23
	iS	16 03 50
Kunming	+iP	15 58 59
	iS	16 04 49
Lhasa	+iP	15 59 49
	eS	16 06 21

Epc: 43°¹/₃N, 145°E
 O: 15-51-33
 M: 7

✓
 11.VIII

Zose	(P)	22 44 11
	S	49 28
Kunming	+P	44 05
	S	49 29
Nanking	(P)	44 19
	S	49 43
Chengtu	P	44 37
	eS	50 12
Sian	(P)	44 50
	e(S)	50 38
Lanchow	+iP	45 18
	eS	51 35
Peking	eP	45 23
	eS	51 39

Epc: 1°S, 132°E
 O: 22-37-34
 M: 5

Cont
✓

11.VIII Lhasa +iP 22 45 31
Paotow eP 45 35
S 52 01

✓

11.VIII Changchun +iP 23 37 15
Peking +iP 38 43
(S) 42 40
Zose P 38 49
(S) 43 02
Nanking eP 38 59
(S) 43 17
Paotow +iP 39 24
iS 44 02
Sian +P 39 55
e(S) 45 01
Lanchow +iP 40 21
eS 45 30
Chengtu iP 40 41
Kunming +iP 41 16
e(S) 47 21

Epc: 43°N, 146°¹/₂E
O: 23-33-36

✓

13.VIII Zose eP 06 02 36
Canton eP 02 55
e(S) 04 26
Nanking eP 02 55
i(S) 04 23
Sian e(P) 04 35
e(S) 07 33
Peking eP 4 50
e(S) 08 01
Chengtu P 04 57
e(S) 08 18
Kunming +P 05 05
S 08 29
Paotow -iP 05 24
eS 09 06
Changchun -P 05 31
S 09 13
Lhasa eP 03 54

Epc: 24°N, 122°¹/₂E
O: 06-00-49
M: 5 (Peking)

✓

14.VIII Zose +P 19 03 09
S 13 20
Nanking +iP 03 21
(S) 13 44
Changchun +iP 03 24
Paotow P 03 32
Peking +iP 03 51
SKS 14 19
S 14 49
Sian +iP 04 02
SKS 14 34
iS 15 09
Kunming +iP 04 06
SKS 14 37
S 15 12

Epc: Fiji Is.
(菲济群岛)
O: 18-50-47
M: 6

Cont

✓	14.VIII	Chengtu	iP	19 04 12
			SKS	14 43
			S	15 25
		Lanchow	eP	04 23
			S	15 50
		Lhasa	e(P)	05 02

✓	14.VIII	Zose	+P	22 07 12
		Nanking	+P	07 41
			S	09 53
		Changchun	+iP	08 11
			eS	10 51
		Canton	e(P)	08 16
		Peking	+P	08 35
			eS	11 33
		Sian	+iP	09 26
			e(S)	13 17
		Paotow	P	09 30
			S	13 21
		Lanchow	+iP	10 10
			e(S)	14 26
		Chengtu	iP	10 11
			S	14 32
		Kunming	eP	10 37
			e(S)	15 17

Epc: 30°¹N, 133°E
 O: 22-04-46
 M: 5¹/₂

✓	14.VIII	Zose	+P	23 39 45
			S	48 46
		Nanking	+iP	40 00
			S	49 13
		Changchun	+iP	40 23
		Peking	+iP	40 38
			iS	50 32
		Sian	+iP	40 46
			eS	50 40
		Kunming	+iP	40 46
			S	50 43
		Chengtu	iP	40 54
			iS	51 00
		Lanchow	+iP	41 10
			S	51 30

Epc: New Hebrides.
 (新赫布里底斯群岛)
 O: 23-28-40
 M: 5¹/₂

✓	15.VIII	Changchun	+iP	19 07 52
		Zose	+P	08 04
		Nanking	-iP	08 27
			iS	12 06
		Peking	eP	08 48
			eS	12 45
		Paotow	P	09 38
		Canton	eP	09 43
			(S)	14 14
		Sian	P	09 43
			(S)	14 17

Epc: 33°¹N, 142°¹E
 O: 19-03-52
 M: 5¹/₂

15.VIII Lanchow
 Chengtu
 Kunming
 Lhasa

eP 19 10 18
 iS 15 25
 eP 10 26
 iS 15 36
 eP 10 52
 iS 16 20
 +P 12 02

17.VIII Changchun

Peking
 Zose
 Nanking
 Paotow
 Sian
 Lanchow
 Canton
 Chengtu
 Kunming
 Lhasa

-iP 21 20 21
 pP 20 52
 sP 21 16
 iS 23 33
 -iP 21 41
 pP 22 13
 sP 22 34
 S 25 54
 sS 26 53
 -iP 21 57
 pP 22 31
 sP 22 49
 oS 26 21
 sS 27 21
 -iP 22 05
 pP 22 37
 sP 22 58
 iS 25 36
 iP 22 18
 pP 22 52
 sP 23 15
 S 26 55
 -iP 22 53
 pP 23 24
 iS 28 01
 -iP 23 14
 S 28 35
 -iP 23 30
 iS 29 04
 iP 23 38
 pP 24 10
 sP 24 33
 iS 29 19
 sS 30 14
 -iP 24 14
 sP 25 14
 iS 30 28
 sS 31 29
 -iP 24 57
 pP 25 32
 sP 25 55
 S 31 43
 sS 32 45

Epc: $47^{\circ} \frac{1}{2} N$, $149^{\circ} E$
 O: 21-16-30
 h: 160km
 M: 7

19.VIII Paotow
 Sian

iP 01 20 16
 S 21 04
 +iP 20 28

Epc: $38^{\circ} \frac{1}{2} N$, $106^{\circ} E$
 O: 01-19-02
 M: 4

X

19.VIII	Sian	iS	01	21	24
	Tatung	e(S)		22	01
	Linfen	e(S)		21	25
	Peking	iS		23	10
	Chengtu	S		23	17

✓

19.VIII	Peking	+P	02	47	51
	Zose	P		47	53
	Nanking	eP		48	07
		(S)		52	26
	Paotow	P		48	33
	Sian	+P		49	04
	Lanchow	+iP		49	29
	Chengtu	eP		49	49
	Kunming	iP		50	25
		(S)		56	40
	Lhasa	eP		51	13

Epc: $43^{\circ}\frac{1}{2}N$, $148^{\circ}E$
 O: 02-42-40+

X

19.VIII	Changchun	+iPKP	04	28	(05)
		iP		31	(35)
	Peking	-iPKP		28	29
		iPP		32	14
	Paotow	-iPKP		28	29
	Lanchow	-iPKP		28	36
	Lhasa	-iPKP		28	37
		iPP		32	41
	Nanking	-iPKP		28	38
		iPP		32	50
	Zose	-iPKP	05	28	33
		iPP		32	53
	Sian	PKP		28	39
	Chengtu	iPKP		28	42
		PP		33	06
	Kunming	-iPKP		28	46
		iPP		33	32
	Canton	-iPKP		28	50
		iPP		33	45

Epc: Peru
 (秘鲁)
 O: 05-09-28
 M: $7\frac{1}{2}$ (Peking)

QUERY

✓

19.VIII	Changchun	iP	05	28	12
	Zose	-iP		36	53
		(S)		39	40
	Nanking	-iP		37	13
		iS		40	12
	Peking	-iP		37	28
		iS		40	41
	Paotow	-iP		38	22
		S		42	20
	Sian	iP		38	37
		iS		42	46
	Canton	+iP		38	50
		iS		43	09
	Lanchow	iP		39	12
	Chengtu	i(P)		39	32
	Kunming	(P)		39	57
		iS		45	04

Epc: $36^{\circ}N$, $137^{\circ}\frac{1}{2}E$
 O: 05-33-27
 M: 7 (Peking)

19.VIII	Changchun	eP	13 27 06	Epc: Japan, (日本) O: 13-23-55
	Nanking	eP	28 09	
	Peking	eP	28 17	
		S	31 43	
	Lanchow	eP	29 57	
		e(S)	34 52	
19.VIII	Kunming	(P)	20 31 26	Epc: 30 ¹ / ₂ N, 97 ⁰ E O: 20-26-23
		e(S)	35 32	
	Lhasa	eP	32 10	
		eS	36 47	
	Lanchow	eP	33 01	
		eS	38 21	
19.VIII	Peking	eP	34 05	
		eS	40 14	
20.VIII	Changchun	eP	01 41 51	Epc: New Hebrides. (新赫布里底斯群岛) O: 01-30-18
	Nanking	e(S)	51 26	
	Peking	eP	42 05	
		eS	51 44	
	Kunming	eP	42 14	
		S	52 01	
	Lanchow	eP	42 36	
	(S)	52 48		
20.VIII	Zose	+P	05 15 05	Epc: Fiji Is. (菲济群岛) O: 05-04-14 h: 600km-
		sP	18 02	
		eS	24 00	
	Nanking	+iP	15 19	
		iS	24 29	
	anton	+iP	15 20	
		S	24 31	
	Changchun	+P	15 27	
		pP	17 32	
		sP	18 28	
		S	24 51	
	Peking	+iP	15 48	
		sP	18 48	
		eSKS	25 18	
		eS	25 25	
	Sian	eP	16 00	
		pP	18 09	
		sP	19 03	
		S	25 55	
	Kunming	+iP	16 09	
	iS	26 06		
Paotow	+iP	16 11		
	pP	18 14		
	eP	19 10		
	S	26 14		
Chengtu	iP	16 13		
	pP	18 24		
	sP	19 18		
	S	26 14		
Lanchow	+iP	16 22		
	i	26 34		

21.VIII	Zose	(P)	16 18 54	Epc: Totsu Is. (東加群島) O: 16-06-44 M: 5 $\frac{1}{2}$
	Nanking	(S) P	28 49 19 08	
	Canton	eS iSKS	29 24 29 26	
		eP iSKS	19 12 29 29	
	Changchun	S -iP	29 35 19 16	
	Peking	iSKS P	29 31 19 36	
		SKS S	29 58 30 19	
	Sian	-T iSKS	19 51 30 18	
	Kunming	eS -P	30 45 20 00	
		iSKS S	30 28 31 03	
	Chengtu	eP iSKS	20 03 30 31	
	Lanchow	eS eP	31 04 20 12	

21.VIII	Changchun	eP	17 03 14	Epc: 41°N, 141° $\frac{1}{2}$ E O: 17-00-25 M: 4 $\frac{3}{4}$
	Zose	+P S	04 45 08 08	
	Peking	+iP iS	04 45 08 12	
	Nanking	eP S	04 57 08 31	
	Paotow	P S	05 32 09 42	
	Sian	eP eS	05 53 10 28	
	Chengtu	eS	11 38	
	Lanchow	P	06 28	
	Lhasa	eP	08 16	

22.VIII	Zose	eP	09 09 46	Epc: Santa Cruz Is. (聖大克羅茲群島) O: 08-59-21
	Nanking	eS P	18 11 10 00	
	Changchun	eS +iP	18 37 10 26	
	Peking	eS eP	19 29 10 42	
		(S) P	19 56 10 52	
	Kunming	eP	10 57	
	Chengtu	eS P	20 26 11 03	
	Lanchow	eS +P	20 36 11 19	
		eS	21 07	

23.VIII Lhasa P 04 17 16 Epc: 38°N, 68°E
 S 21 03 O: 04-12-37
 Lanchow +iP 18 29 M: 4 $\frac{1}{2}$
 S 23 14
 Chengtu (S) 23 45
 Kunming eP 19 01
 Sian eS 24 07
 +P 19 09
 (S) 24 25
 Peking e(P) 19 43
 Canton eP 20 20
 iS 26 31
 Changchun eP 20 31
 eS 26 52
 Zose P 20 39
 eS 27 07

24.VIII Changchun oP 04 55 50 Epc: Kuril Is.
 Peking P 57 13 (千岛群岛)
 Zose S 05 01 14 O: 04-52-13
 eP 04 57 24
 o(S) 05 01 25
 Sian P 04 53 25
 Lanchow +P 58 51
 Kunming (P) 59 43

24.VIII Changchun P 22 44 20 Epc: Kuril Is.
 Peking o(S) 47 13 (千岛群岛)
 +P 45 45 O: 22-40-46
 S 49 45
 Zose e(S) 50 03
 Sian P 46 59
 Lanchow +P 47 24

26.VIII Changchun eS 19 01 56 Epc: Near New Guinea.
 Peking e(P) 18 57 02 (新几内亚附近)
 Kunming e(P) 57 31 O: 18-49-03±
 Lanchow eP 57 35
 eS 19 04 24

27.VIII Changchun +iP 16 26 44 Epc: 48°N, 154°E
 (S) 30 27 O: 16-22-N
 Peking +iP 28 03 M: 6
 Zose +P 23 19
 S 33 17
 Nanking +iP 23 27
 S 53 31
 Sian +P 29 13
 S 54 37
 Lanchow +iP 30 34
 Canton +iP 20 50
 o(S) 35 52
 Chengtu i 29 53
 iS 36 10

27.VIII	Kunming	+iP	16 30 35	
		iS	37 19	
	Lhasa	+iP	31 16	
		eS	38 41	
27.VIII	Changchun	(P)	21 00 57	Epc: Near Kanchatka, (堪察加半島附近)
		(S)	04 59	
	Peking	e(P)	02 12	O: 20-55-50+
	Sian	+P	03 21	
	Lanchow	+iP	03 42	
	Chengtu	P	04 06	
	Kunming	eP	04 42	
27.VIII	Lanchow	+iP	22 19 13	Epc: Mediterranean Sea, (地中海)
		eS	27 42	
	Sian	+iP	19 43	O: 22-08-45+
	Peking	P	19 55	M: 5 $\frac{1}{2}$
	Changchun	iP	20 22	
28.VIII	Chengtu	eP	00 17 19	Epc: 33°N, 96°E
		eS	13 43	O: 00-15-30+
		S	19 29	M: 4 $\frac{1}{2}$
	Kunming	e	20 15	
	Peking	eP	19 36	
	Zose	e(S)	24 19	
28.VIII	Changchun	-iP	21 46 45	
	Chengtu	iP	47 10	
	Kunming	eP	47 14	
29.VIII	Changchun	eP	05 59 02	Epc: Kuril Is. (千岛群岛)
		(S)	06 01 54	
	Peking	P	00 29	O: 05-55-32
		S	04 29	
	Zose	eP	00 30	
		eS	04 45	
	Nanking	P	00 49	
		S	05 04	
	Sian	P	01 35	
	Lanchow	P	02 07	
	Kunming	eP	03 02	
29.VIII	Changchun	P	14 59 07	Epc: Aleutian, (阿留申群岛)
	Peking	e(P)	15 00 08	
	Zose	eP	00 30	O: 14-52.1+
	Nanking	e(P)	00 37	
	Sian	(P)	01 08	
	Lanchow	+iP	01 19	
	Kunming	eP	02 16	
	Lhasa	eP	02 38	
31.VIII	Changchun	-iPKP	02 07 06	Epc: Peru, (秘鲁)
		iPP	10 27	
	Peking	KP	07 13	O: 01-40-22
	Lhasa	-iPKP1	07 28	M: 7 $\frac{1}{2}$

Cont

31.VIII	Lhasa	PKP ₂	02 07 52
		PP	11 31
	Zose	-iPKP ₁	07 27
		PKP ₂	07 59
		-iPP	11 36
✓	Sian	-iPKP ₁	07 26
		iPKP ₂	07 59
		iPP	11 37
	Nanking	-iPKP ₁	07 28
		iPKP ₂	08 00
		iPP	11 40
	Chengtu	iPKP ₁	07 31
		iPKP ₂	08 14
		iPP	11 54
	Kunming	-iPKP ₁	07 36
		iPKP ₂	08 35
		PP	12 21
	Canton	-iPKP ₁	07 39
		PKP ₂	08 45
		PP	12 32

31.VIII	Changchun	-iPKP ₁	02 15 34
		-iPP	18 58
	Peking	-iPKP	15 49
	Lhasa	-iPKP ₁	15 58
		iPKP ₂	16 28
		iPP	20 01
	Zose	-iPKP ₁	15 58
		+iPKP ₂	16 30
		iPP	20 05
	Sian	-iPKP ₁	15 58
		iPKP ₂	16 27
		-iPP	20 09
	Nanking	-iPKP ₁	15 59
		iPKP ₂	16 32
		iPP	20 10
	Chengtu	iPKP ₁	16 02
		PKP ₂	16 43
		iPP	20 25
	Kunming	-iPKP ₁	16 07
		+iPKP ₂	17 05
		PP	20 48
	Canton	+iPKP ₁	16 10
		iPKP ₂	17 16
		-iPP	21 04

Epo: Peru.
 (秘鲁)
 O: 01-56-55
 #: 7^{1/2}

Given by
 S. P. Lee (Chief)
 S. J. Wei

1961 XII 23

Division of Seismology,
 Institute of Geophysics, Academia, Sinica
 Peking China.

PRELIMINARY SEISMOLOGICAL REPORT
OF
CENTRAL STATION "PEKING" AND AUXILIARY STATIONS

1 - 15, September 1961

✓

1. IX	Kunming	+iPKP	00 28 35	Epc: South Sandwich Is. (南桑德偉奇群島) O: 00-09-20 M: 6 $\frac{3}{4}$
		PP	30 54	
		SKKS	37 33	
	Lanchow	ePKP	28 43	
		SKKS	38 26	
	Chengtu	+PKP	28 44	
		PP	31 27	
		SKKS	38 04	
	Nanking	+iPKP	28 58	
		PP	32 17	
		SKKS	38 54	
	Zose	+PKP	28 58	
		PP	32 18	
		SKKS	38 54	
	Peking	+PKP	29 08	
		PP	32 32	
		SKKS	39 17	
	Changchun	+PKP	29 16	
		PP	33 28	
		SKKS	40 01	

✓

1. IX	Nanking	eP	18 52 33
	Changchun	+iP	52 44
	Peking	+P	53 03
	Sian	+iP	53 16
	Kunming	eP	53 24
	Chengtu	eP	53 27

✓

1. IX	Peking	ePKP	19 09 24	Epc: Caribbean Sea. (中美洲加勒比海) O: 18-50-34 M: 6 $\frac{3}{4}$
		PP	10 47	
	Nanking	-PKP	09 34	
		PP	11 10	
	Zose	-PKP	09 34	
		PP	11 20	
	Sian	-iPKP	09 40	
		PP	11 42	
	Lanchow	-PKP	09 40	
	Chengtu	-PKP	09 50	
		PP	12 17	
	Canton	PKP	09 56	
		PP	12 33	
	Lhasa	-PKP	09 59	
		PP	12 35	
	Kunming	-PKP	10 00	
		PP	12 51	

✓

1. IX	Changchun	P	19 02 51	Epc: 35°N, 140°E O: 18-59-24+
	Zose	e(P)	03 12	
		eS	06 22	

✓ *Cart*

1.IX	Nanking	eP	19 03 34
		e(S)	06 59
	Peking	eP	03 53
		e(S)	07 26

✓

2.IX	Changchun	+iP	09 33 59	Epc: Aleutian Is.
	Peking	eP	35 00	O: 00-26-04
		eS	42 09	M: 5
	Zose	+P	35 23	
		eS	42 50	
	Nanking	+P	35 27	
		eS	42 57	
	Sian	+iP	36 01	
	Lanchow	+iP	36 12	
	Canton	e(P)	36 37	
		S	45 10	
	Kunming	+iP	37 07	
		eS	46 09	
	Lhasa	+iP	37 32	

✓

2.IX	Lhasa	P.	10 57 49	Epc: 20 ¹ / ₂ S, 66°E
		i	58 02	O: 10-50-23
		eS	11 03 44	M: 4 ¹ / ₂
	Kunming	-P	10 58 28	
		i	58 51	
		eS	11 04 56	
	Chengtu	-P	10 58 59	
		i	59 22	
		eS	11 05 53	
	Lanchow	eP	10 59 24	
		eS	11 06 43	
	Sian	-iP	10 59 42	
		S	11 07 10	
	Nanking	e(P)	00 25	
		i	00 48	
		eS	08 31	
	Zose	-P	00 35	
		i	00 57	
		e(S)	08 51	
	Peking	-P	00 38	
		i	01 03	
		S	08 57	
	Changchun	-iP	01 28	
		e	02 41	
		eS	10 41	

✓

4.IX	Zose	eP	03 20 35	Epc: Near Shikoku, Japan
		e	23 13	(日本四国附近)
	Nanking	-P	20 57	O: 03-17-22
		(S)	23 51	
	Changchun	eP	21 01	
		eS	23 54	
	Peking	eP	21 33	
		eS	24 53	

Cont

✓ 4.IX Sian -P 03 22 56
 Lanchow -iP 22 53
 S 27 18
 Chengtu -iP 22 54
 (eS) 27 14
 Kunming -eP 23 14

X 4.IX Changchun P 04 57 52
 eS 05 00 49
 Peking eP 04 59 09
 eS 05 04 03
 Zose e 04 59 25
 e(S) 05 04 24
 Sian +iP 00 18
 Chengtu P 01 04
 eS 07 31
 Kunming eP 01 39
 eS 08 32

Epc: 48°N, 155° $\frac{1}{2}$ E
O: 04-53-00

✓ 4.IX Changchun +iP 09 56 29
 PP 58 00
 eS 10 02 17
 Peking +iP 09 57 34
 i 57 45
 PP 59 18
 eS 10 04 16
 Zose iP 09 57 55
 eS 10 04 53
 Nanking +iP 09 58 00
 PP 59 57
 eS 10 05 01
 Sian +iP 09 58 36
 PP 10 00 40
 S 06 09
 Lanchow +iP 09 58 49
 i 59 15
 S 10 06 33
 Canton +iP 09 59 12
 eS 10 07 15
 Chengtu P 09 59 14
 PP 10 01 26
 S 07 20
 Kunming P 09 59 46
 eS 10 08 20
 Lhasa +iP 00 13
 i 00 23
 S 09 09

Epc: Aleutian Is.
O: 09-49-12
M: 6 $\frac{1}{2}$

✓ 5.IX Lhasa -iP 06 16 53
 S 19 59
 Lanchow eP 18 29
 iS 22 56

Epc: 39°N, 74°E
O: 06-12-58
h: 50km
M: 6

Cont

✓	5.IX	Chengtu	eP	06 18 29
			i	18 58
			S	22 56
		Kunming	eP	18 45
			S	23 22
			i	23 52
		Sian	P	18 51
			i	20 08
			(S)	23 45
		Peking	+P	19 28
			e	19 54
			S	24 41
		Canton	eP	20 03
			eS	25 42
		Nanking	eP	20 05
			S	25 47
		Changchun	+P	20 18
			e	20 48
			eS	26 10
		Zose	+P	20 24
			e	20 52
			S	26 22
			i	27 06

✓	5.IX	Changchun	+iP	11 43 33
			bpP	43 47
			iS	50 41
		Peking	+iP	44 26
			pP	44 40
			S	52 20
			sS	52 45
			ScS	54 12
		Zose	+iP	45 00
			pP	45 14
			iS	53 24
			sS	53 54
		Nanking	+iP	45 02
			pP	45 16
			PP	47 25
			iS	53 30
			sS	53 57
			ScS	54 50
		Sian	+iP	45 21
			S	54 06
		Lanchow	+iP	45 24
			iS	54 10
		Chengtu	+iP	45 53
			iS	55 05
		Canton	+iP	46 06
			eS	55 29
			sS	56 01

Epc: Near Kodiak, Alaska.
 (阿拉斯加科迪亞克島附近)
 O: 11-34-36
 h: 50km
 M: 5½

5.IX ^{ant} Kunming
 ✓
 Lhasa

iP	11 46 32
iS	56 05
sS	56 31
+iP	46 32
PP	49 23
S	56 19

6.IX Canton
 ✓
 Kunming
 Chengtu
 Sian
 Peking
 Lanchow
 Lhasa
 Changchun

+P	08 19 27
e(S)	23 52
e(P)	20 40
e(P)	21 04
e(S)	26 25
+P	21 09
e(S)	26 36
e(P)	21 35
e	27 07
+P	21 42
eS	27 41
+iP	22 13
e	27 57

Epc: Celebes Sea.
 O: 08-14-20
 M: 4 $\frac{3}{4}$

8.IX Kunming
 ✓
 Canton
 Chengtu
 Sian
 Zoso
 Nanking
 Peking
 Changchun

+iPKP	11 45 34
ipPKP	45 59
PP	47 58
+PKP	45 42
pPKP	46 08
iPP	48 22
-iPKP	45 43
i	46 06
iPP	48 29
+PKP	45 47
pPKP	46 12
PP	48 57
+PKP	45 59
ipPKP	46 23
PP	49 24
+iPKP	45 59
pPKP	46 16
iPP	49 24
+iPKP	46 06
PP	50 00
+iPKP	46 16
pPKP	46 41
PP	50 28

Epc: South Sandwich Is.
 O: 11-26-29
 h: 100km
 M: 7

11.IX Changchun
 ✓
 Peking
 Lanchow
 Lhasa

e(P)	02 53 54
e	59 24
eP	55 00
S	03 01 35
+P	02 56 17
+P	57 42
eS	03 06 33

Epc: Aleutian Is.
 O: 02-46-47
 M: 4 $\frac{1}{2}$

X

11. IX	Canton	e	11 41 31
		e(S)	46 02
	Kunming	e	48 04
	Nanking	e	49 48
		e	12 02 41
	Zose	e	11 49 53
	Peking	e	50 08
		e	50 10
	Changchun	(e)	50 33
	Chengtu	e	55 34

✓

11. IX	Changchun	eP	23 50 47	Epc: Hokkaido, Japan; (日本北海道) O: 23-47-15 M: 4 $\frac{1}{2}$
	Peking	e	54 19	
		+P	52 14	
	Lanchow	S	56 15	
	Canton	+iP	53 52	
		(e)	54 47	

✓

12. IX	Changchun	eP	12 30 53	Epc: Hokkaido, Japan O: 12-27-07 M: 4 $\frac{1}{2}$
	Peking	eS	33 50	
		P	32 19	
	Lanchow	eS	36 29	
		+iP	33 52	
		eS	39 15	

X

12. IX	Kunming	e	19 48 31	O: 19 ^h 28 ^m .3
		e	52 23	
	Lhasa	ePKP	48 33	
	Lanchow	ePKP	48 40	
	Zose	e	48 48	
	Nanking	e	48 49	
	Peking	+PKP	49 01	
		e	53 39	
	Changchun	e	49 23	
	Canton	(e)	50 26	
	Chengtu	e	52 44	

X

13. IX	Canton	e	14 15 13	Epc: Near Java. O: 14-04-38 M: 4 $\frac{1}{2}$
	Kunming	e	17 22	
	Chengtu	e	18 22	
	Zose	e	19 07	
	Lhasa	eP	12 44	
		eS	19 12	
	Nanking	e	22 13	
	Lanchow	+P	12 59	
		eS	19 41	
	Peking	e(P)	13 23	

✓

15. IX	Lhasa	+P	01 54 49	Epc: 36°N, 34°E O: 01-46-09 M: 5 $\frac{3}{4}$
		S	02 01 44	
	Lanchow	+iP	01 55 45	
		S	02 03 31	

IX - 7

Cant

15. IX	Chengtu	e	01 55 24
		(S)	02 04 06
	Kunming	P	01 56 11
		(S)	02 04 17
	Peking	P	01 56 37
		S	02 05 05
	Canton	+iP	01 57 13
		e	02 06 06
	Changchun	+P	01 57 31

Given by
S. P. Lee (Chief)
S. J. Mei

1961 X 14

Division of Seismology,
Institute of Geophysics, Academia, Sinica
Peking China.

PERLIMINARY SEISMOLOGICAL REPORT
OF
CENTRAL STATION "PEKING" AND AUXILIARY STATIONS.

16-30, September 1961

17. IX Zose

	+ip	08-43 38	Epc: 23° ¹ / ₂ N, 123° E
	iS	45 05	O: 08-41-43
Canton	e(P)	43 54	M: 5 ¹ / ₂
Nanking	+iP	43 57	
	iS	45 40	
Sian	+iP	45 34	
Peking	+iP	45 51	
	S	49 04	
Chongtu	iP	45 57	
	iS	49 17	
Kunming	+iP	46 03	
	iS	49 27	
Changchun	+iP	46 25	
	S	50 14	
Lanchow	+iP	46 29	
	(S)	50 13	
Lhasa	+iP	47 50	
	(S)	53 07	

17. IX Zose

	+iP	23 30 17	Epc: 5° S, 148° E
	pP	30 32	O: 23-22-05
	sP	30 38	h: 60km
	S	36 50	M: 4
	sS	37 12	
Nanking	+iP	30 33	
	pP	30 50	
	sP	30 56	
	iS	37 21	
	sS	37 45	
Canton	eP	30 40	
Changchun	+P	31 24	
	iP	31 40	
Kunming	eP	31 24	
Sian	iP	31 29	
	sP	31 52	
Peking	+iP	31 29	
	pP	31 45	
	sP	31 58	
Chongtu	eP	31 37	
	esP	31 59	

18. IX Chongtu

	P	11 09 12	Epc: 40° ¹ / ₂ N, 50° ¹ / ₂ E
	e	15 25	O: 11-01-03
Kunming	-iP	09 27	M: 5 ¹ / ₂
	iS	18 09	

Cmb

✓ 18.IX Sian -iP 11 09 28
 S 16 14
 Peking -P 09 50
 iS 16 54
 Changchun -P 10 24
 S 17 54
 Nanking -iP 10 30
 iS 18 07
 Zose -iP 10 46
 iS 18 37
 Canton e 18 16

✓ 18.IX Zose e 15 58 25
 Canton e 58 54
 Nanking e 54 59
 e 16 01 07
 Peking e 15 49 56
 i 16 00 06
 Sian e 00 08
 Kunming e 00 18
 Chengtu e 00 35

✓ 19.IX Changchun ePKP₁ 02 44 38
 PKP₂ 45 12
 sPKP 46 54
 iPP 49 46
 sPP 50 38
 Lhasa ePKP 44 40
 Peking PKP₁ 44 46
 PKP₂ 45 32
 sPKP₁ 47 01
 sPKP₂ 47 29
 ePP 49 15
 sPP 51 14
 Sian ePKP₁ 44 50
 PKP₂ 45 50
 sPKP 47 57
 ePP 49 32
 sPP 51 32
 Chengtu ePKP₁ 44 50
 PKP₂ 45 49
 sPKP₁ 47 05
 sPKP₂ 47 56
 ePP 49 33
 sPP 51 38
 Kunming ePKP₁ 44 51
 PKP₂ 45 55
 sPKP₁ 47 05
 sPKP₂ 48 02
 PP 49 43
 sPP 51 46
 Zose PKP₁ 44 54
 PKP₂ 45 08

Epc: Bolivia
 (玻利维亚)
 O: 02-25-33
 h: 400km
 M: 5¹/₂

Cont

✓

19.IX	Zose	sPKP ₁	02 47 09
		sPKP ₂	48 11
		ePP	49 44
	Nanking	ePKP ₁	44 53
		ePKP ₂	46 07
		sPKP ₁	47 08
		sPKP ₂	48 12
		ePP	49 51
		sPP	51 59

19.IX	Zose	e(P)	09 15 50
		e(S)	20 30
	Chengtu	e	19 43
		e	24 04
	Sian	eP	16 24
		e	24 22
	Peking	P	17 01
		e(S)	22 38
	Nanking	e(P)	17 18
		e	24 37
	Kunming	e(P)	17 50
		e	24 14
		e	24 47
	Lhasa	P	19 15

Sp: Mariana Is.
(馬里亞納群島)
: 06-10-01±

X

+

19.IX	Kunming	(e)	09 25 36
		e(S)	30 19
	Changchun	(e)	25 49
		e	32 39
	Peking	e	26 59
	Canton	e	28 07
		e	29 40

+

19.IX	Zose	e	09 29 34
	Sian	(e)	31 06
	Kunming	(e)	31 16
		e	35 43
	Changchun	e	37 35

X

19.IX	Kunming	eP	09 41 24
	Peking	e	43 17
		e	53 13
	Changchun	e	45 51
	Nanking	e	44 29

✓

19.IX	Sian	e	10 05 45
		e	08 22
	Canton	e	06 00
	Kunming	eP	06 05
	Changchun	e	06 58
	Peking	e	07 37
	Nanking	e	08 06
	Zose	e	08 27

19.IX

Sian	PKP	21 54 11	O: 21-34-33±
	PP	57 21	
Zose	ePKP	54 12	
	ePP	57 27	
Nanking	PKP	54 11	
	ePP	57 29	
Canton	e	57 29	
Peking	(PKP)	54 27	
	e(PP)	57 59	
Changchun	PKP	54 34	
	PP	58 37	
Kunming	e	56 09	
	e	57 15	

20.IX

Zose	+P	19 11 49	Epc: 4°S, 152° E O: 19-03-29 M: 6
	eS	18 20	
Canton	oP	11 53	
	iS	18 40	
Nanking	+iP	12 06	
	iS	19 00	
Changchun	+iP	12 49	
	iS	20 18	
Peking	+iP	12 58	
	eS	20 29	
Sian	+iP	13 06	
	iS	20 47	
Kunming	eP	13 07	
	iS	20 52	
Chengtu	+P	13 17	
	iS	21 08	
Lanchow	P	13 37	
	eS	21 41	
Lhasa	eP	14 26	
	S	23 15	

21.IX

Canton	e(P)	15 11 59	Epc: 19° N, 121° E O: 15-09-54 M: 4
	e(S)	13 57	
Zose	o(P)	13 11	
	eS	15 43	
Nanking	o(S)	15 47	
Kunming	eP	14 09	
	-eS	17 30	
Sian	-P	14 16	
	eS	17 42	
Chengtu	eP	14 23	
	S	17 56	
Peking	eP	14 46	
	eS	18 39	
Lanchow	P	15 01	
	eS	19 08	
Lhasa	e(P)	15 43	
	e	20 54	

22. IX

Zose	eP	07 26 47	Epc: 23°N, 124°E O: 07-24-46
	eS	28 19	
Nanking	eP	27 08	
	e(S)	28 48	
Canton	e(S)	28 58	
Sian	eP	28 47	
	eS	31 57	
Peking	e(P)	29 50	
	e(S)	32 12	
Chengtu	eP	29 10	
	eS	32 29	
Kunming	eP	29 15	
	e(S)	32 48	
Lanchow	+P	29 39	
Changchun	eP	29 45	
Lhasa	eP	31 02	

23. IX

Canton	P	03 06 00	Epc: Mindanao, Philippine (菲律賓) O: 03-01-42
	i	06 07	
	S	09 23	
Zose	eP	08 53	
	eS	11 03	
Nanking	P	07 09	
	eS	11 32	
Kunming	eP	07 22	
	eS	11 55	
Sian	eP	07 53	
	eS	12 41	
Lanchow	+P	08 25	
	eS	13 48	
Lhasa	-P	08 59	
	eS	14 48	

24. IX

Changchun	P	21 44 43	Epc: 34°N, 142°E O: 21-40-47 M: 5
	eS	47 48	
Zose	-P	44 58	
	i	44 16	
	S	48 15	
	i	48 24	
Nanking	eP	45 16	
	eS	48 48	
Peking	eP	45 38	
	e	45 53	
	e	46 02	
	eS	49 30	
Sian	eP	46 35	
	eS	51 14	
Lanchow	eP	47 08	
Chengtu	eP	47 17	
	e(S)	52 24	
Kunming	eP	47 45	
	PP	49 03	
	eS	53 18	

✓ *Cont*

24. IX Lhasa eP 21 48 52
 PP 50 34
 c 55 11

✓ 25. IX Changchun P 02 35 52
 Peking P 36 46
 Zose eP 37 20
 Nanking P 37 21
 Sian P 37 39
 Lanchow -iP 37 46
 Chengtu -P 38 12
 Kunming eP 38 44
 Lhasa +P 38 53

X

25. IX Changchun +iP 05 40 03
 S 49 12
 Zose eP 40 38
 ePP 43 24
 eS 50 21
 Peking eP 40 47
 eS 50 38
 Nanking eP 40 47
 PP 43 39
 S 50 39
 SS 55 41
 Sian +P 41 27
 PP 44 45
 S 51 55
 Lanchow eP 41 43
 SKS 52 11
 Chengtu +P 41 51
 SKS 52 26
 iS 52 42
 Kunming eP 42 07
 SKS 52 43
 S 53 14
 Lhasa SKS 55 23
 S 55 43

Epc: Hawaiian Is.
 (夏威夷群島)
 O: 05-28-48
 M: 5 $\frac{3}{4}$

✓ 27. IX Zose -P 06 44 53
 pP 46 50
 sP 47 49
 S 53 51
 SKS 54 09
 Canton -iP 45 06
 pP 47 02
 sP 48 00
 eS 54 15
 iSKS 54 30
 Nanking -iP 45 07
 pP 47 04
 sP 48 03

Epc: Fiji Is.
 (斐濟群島)
 O: 06-34-03
 h: 540km
 M: 5 $\frac{3}{4}$

Cont

27.IX	Lhasa	SKS	12 35 20
	Kunming	PKP	26 40
		PP	28 51
		SKP	30 02
		PKS	31 08
		SKS	33 33
		SKKS	35 45
	Canton	ePKP	26 48
		PP	29 13
		SKP	30 15
	Lanchow	PKP	26 59
		ePP	29 53
	Sian	ePKP	27 00
		PP	30 01
	Nanking	PKP	27 01
			27 51
		PP	30 11
	Zose	PKP	27 01
		e	27 52
		PP	30 14
	Peking	PKP	27 13
		PP	30 47

27.IX	Changchun	+iP	19 28 50
	Peking	eP	29 50
		e(S)	37 06
	Zose	+P	30 13
		eS	37 52
	Nanking	+P	30 20
	Sian	+P	30 50
	Lanchow	eP	31 01
	Chengtū	+P	31 27
	Kunming	+P	31 58
		S	41 08
	Lhasa	+iP	32 19
		eS	41 44

Epc: Aleutian Is.
(阿留申群岛)
D: 19-20-47

27.IX	Changchun	+iP	19 35 05
		eS	41 31
	Peking	+iP	36 06
		eS	43 22
	Zose	+iP	36 29
		S	44 05
	Nanking	+P	36 34
		eS	44 14
	Sian	+iP	37 06
		S	45 14
	Lanchow	+iP	37 16
		eS	45 33
	Canton	+P	37 42
		S	46 20

Epc: Aleutian Is.
(阿留申群岛)
D: 19-27-02
M: 6

27.IX *Cont*
 ✓
 ✓

27.IX	Chengtu	+iP	19 37 43
		eS	46 22
	Kunming	+iP	38 13
		iP	47 25
	Lhasa	+iP	38 34
		S	47 59

X

27.IX	Zose	iP	21 08 41	Epc: 26°N, 125°E
		S	09 57	O: 21-07-02
	Nanking	eP	09 10	M: 5
		S	10 49	
	Canton	+P	09 45	
	Peking	-iP	10 43	
		S	13 43	
	Sian	eP	10 54	
		e(S)	13 55	
	Changchun	-iP	11 11	
		S	14 32	
	Chengtu	eP	11 27	
		S	14 54	
	Kunming	P	11 35	
		e(S)	15 13	
	Lanchow	-P	11 40	
		S	15 22	
	Lhasa	e(P)	13 17	
		e(S)	18 20	

✓

28.IX	Kunming	+iP	01 29 56	Epc: 30°N, 102°E
		eS	34 42	O: 01-24-00
	Canton	+P	29 56	M: 5½
		(S)	34 45	
	Chengtu	+iP	30 43	
		S	36 06	
	Lhasa	+iP	30 48	
		S	36 15	
	Zose	+iP	31 25	
		e	33 17	
	Nanking	+P	31 25	
		(S)	37 22	
	Lanchow	+iP	31 30	
		(S)	37 25	
	Peking	+iP	32 16	
		S	38 49	
	Changchun	+iP	35 03	
		eS	40 17	

✓
 ✓

28.IX	Zose	+P	03 28 40	Epc: 31°N, 141°E
		(S)	32 03	O: 03-24-35
	Changchun	+iP	28 48	M: 5½
		eS	32 07	
	Nanking	eP	29 03	
		S	32 42	

Car
✓

28.IX	Peking	+P	03 29 34
		eS	33 34
	Canton	e	30 10
		e(S)	34 26
	Lanchow	eP	30 59
		e	36 17
	Chengtu	eP	31 03
		S	36 14
	Kunming	eP	31 26
		e(S)	36 51
	Lhasa	+eP	32 39
		eS	39 08

✓

28.IX	Lhasa	P	22 42 34
		eS	47 29
	Lanchow	-P	44 03
	Chengtu	e	44 03
	Kunming	-P	44 07
		e(S)	50 07
	Changchun	-P	46 35

✗

29.IX	Kunming	eP	08 48 52
		eS	51 33
	Lhasa	eP	49 08
		eS	52 01
	Chengtu	eP	49 48
		S	53 15
	Lanchow	+iP	50 36
		eS	54 46
	Sian	e	50 58
	Peking	e(P)	51 54
		e(S)	57 07
	Changchun	e(P)	52 58

Epc: Andaman Is.
(安达曼群岛, 孟加拉湾)
O: 00-45-25

✓

29.IX	Changchun	P	16 54 02
		S	56 43
	Peking	+iP	55 28
		eS	59 27
	Zose	eP	55 34
		eS	59 37
	Nanking	+P	55 45
	Sian	+iP	56 40
	Lanchow	+iP	57 06
		eS	17 02 16
	Chengtu	+P	16 57 27
		eS	17 02 55
	Kunming	+iP	16 58 02
		eS	17 03 58
	Lhasa	eP	16 58 51
		eS	17 05 27

Epc: 43°N, 146°E
O: 16-50-36
M: 5

✓	29.IX	Canton	+iP	19 11 21	Epc: 101° ¹ / ₂ N, 122° ¹ / ₂ E O: 19-06-12 M: 5 ¹ / ₂
		Zose	S	15 33	
		Kunming	P	12 17	
			S	17 17	
		Nanking	eP	12 21	
			S	17 16	
		Chengtu	eP	12 28	
			eP	12 54	
		Sian	iP	18 16	
			P	13 14	
			S	13 37	
		Lanchow	eP	13 33	
			(S)	19 20	
	Peking	P	13 36		
		S	19 33		
	Lhasa	P	13 53		
		S	20 03		
	Changchun	P	14 04		
		S	20 22		

✗	29.IX	Canton	+iP	19 11 46
		Zose	+(P)	12 34
		Nanking	+(P)	12 53
		Kunming	+iP	13 18
		Chengtu	iP	13 20
		Sian	+iP	13 31
		Peking	+iP	13 54
		Lanchow	P	13 59
		Changchun	+P	14 21
		Lhasa	+iP	14 28

✗	29.IX	Lhasa	(+)P	22 37 15	Epc: 28° ¹ / ₂ N, 89° ¹ / ₂ E O: 22-36-32 M: 4 ¹ / ₂
			i	37 29	
			iS	37 44	
		Kunming	eP	39 34	
			eS	41 54	
		Chengtu	eP	39 39	
			e	42 05	
		Sian	e(P)	40 35	
	Changchun	e	42 49		

+	30.IX	Peking	P	00 26 38
		Lanchow	+iP	28 13
		Kunming	e(P)	29 09
		Lhasa	e(P)	29 56

✗	30.IX	Zose	e(P)	01 38 26	Epc: 24°N, 126°E O: 01-56-20 M: 4 ¹ / ₂
			e(S)	40 06	
		Nanking	eP	38 54	
			eS	40 50	
		Sian	eP	40 34	
		e(S)	43 53		

IX 19

30.IX	Peking	eP	01 40 34
		eS	43 54
	Chengchun	e(P)	40 55
		e(S)	44 34
X	Chengtu	e(P)	40 50
		eS	44 37
	Kunming	eP	41 10
		eS	45 02
	Lanchow	P	41 24
	Lhasa	e	42 50

Given by
S. P. Lee (Chief)
S. J. Mei

1961 XI 22

Division of Seismology,
Institute of Geophysics, Academia, Sinica
Peking China.

PRELIMINARY SEISMOLOGICAL REPORT
OF
CENTRAL STATION "PEKING" AND AUXILIARY STATIONS

1 - 15, October 1961

X	1.X Lanchow	+iP _n	00 16 36	Epc: 34° ¹ / ₂ N, 104° ³ / ₂ E (甘肃西礼县附近) O: 00-16-01 M: 5 ¹ / ₂
	Chengtu	iP	17 14	
		iS _n	17 47	
		iS	18 08	
		P _n	17 06	
	Wuwei	eP	18 17	
	Kunming	iS	20 01	
	Peking	eP	18 35	
		eS	20 35	
	Nanking	e	18 58	
	Lhasa	eP	19 03	
		eS	21 25	
	Canton	e(P)	19 13	
	Changchun	-P	20 21	
	Zose	eS	23 43	
	e	20 23		
	e	23 06		

X	1.X Chengtu	eP	19 55 41	Epc: 32° ¹ / ₂ N, 103° ³ / ₂ E (四川松藩县) O: 19-55-00 M: 4 ¹ / ₂
		iP	55 42	
		iS	56 10	
	Lanchow	+iP	55 56	
	Sian	e	56 13	
		eP	56 26	
		iS	57 25	
	Kunming	eP	56 56	
		S	58 22	
	Peking	e	20 00 56	
	Canton	e	19 57 54	
	Nanking	e	20 00 30	
		e	01 49	
	Changchun	eP	19 59 41	
		i	20 05 35	

X	1.X Zose	(P)	23 13 52	Tec Taiwan region. (台湾地区)
		i	16 02	
	Canton	e	14 48	
		i	16 21	
	Nanking	e	14 45	
		i	16 41	
	Chengtu	(S)	21 05	
		e	21 25	
	Peking	e	21 24	
	Kunming	e	21 39	
	Changchun	eP	16 49	
Sian	e	21 22		

2.4 Lanchow +P 02 00 33 Epc: 34°^北, 105°^东
 Sian eS 01 00 (甘肃西礼县附近)
 Sian e 01 01 O: 01-59-55
 Chengtu eP 01 04 M: 4
 +iP 01 49 1/X 00h 之余震
 +iP 01 10
 iS 02 05
 Peking e 05 35
 Canton e 05.9
 Nanking e 06 07
 Changchun e 04 07

2.7 Chengtu eP 06 07 29 Epc: 34°^北, 104°^东
 +iP 07 33 (甘肃西礼县附近)
 i 08 05 O: 06-06-14
 iS 08 25 M: 4
 Sian e 07 14 1/X 00h 之余震
 i 07 23
 iP 07 25
 iS 08 11
 Peking e 11 47
 Canton (e) 12 56
 Nanking e 12 35
 Changchun e 10 24

2.1 Sian (e) 06 29 15
 Lanchow P 29 33
 Peking e 30 09
 Zose e 30 21
 Changchun +iP 30 50
 Kunming e 39 53

2.4 Lanchow +iP 07 31 16 Epc: 36°N, 22°^东
 Chengtu e(P) 32 33 O: 07-21-40
 iS 41 22 M: 5 1/2 (Peking)
 Sian (P) 32 44
 Kunming e(P) 32 46
 iS 41 44
 Peking +P 32 56
 S 42 07
 Changchun +iP 33 18
 e 42 30
 Nanking e 33 34
 Zose e 45 11

2.4 Kunming e 19 05 06 Epc: 云南中部附近
 +iP 05 17 O: 19-04-02
 iS 06 05 M: 4 1/2
 Chengtu e 05 29
 -iP 05 37
 iS 06 40
 Lanchow P 06 21
 Peking (P) 08 15

4.X

Changchun	+iP	02 34 18
Peking	+iP	34 34
Kunming	e(S)	43 53
	+P	34 50
Lanchow	e(S)	44 29
Lhasa	+P	35 12
	iP	35 52

Epc: Near Santa Cruz Is.
 (聖大克羅茲群島附近)
 O: 02-23-16+
 M: 5 $\frac{1}{2}$ (peking)

5.X

Canton	P	18 19 44
Nanking	e	20 04
Changchun	+iP	20 21
Peking	+P	20 31
	eS	30 19
Lanchow	+P	21 04

Epc: Near New Hebrides.
 (新赫布里底群島附近)
 O: 18-08-35+

5.X

Canton	eP	22 36 51
	i	38 19
Nanking	eP	37 02
	i	38 34
Sian	-iP	38 33
	(S)	41 23
Peking	-P	32 53
	S	42 01
Chengtu	iP	38 55
	i	41 58
	iS	42 04
Kunming	-P	39 00
	e(S)	42 22
Lanchow	-iP	30 20
Changchun	eP	39 33
	i	43 13
Lhasa	-P	40 49
	eS	45 33

Epc: 24°N, 121 $\frac{1}{2}$ °E
 (台灣北部)
 O: 22-34-54
 M: 5 $\frac{1}{2}$

6.X

Peking	e	07 23 27
Changchun	e	23 09
Chengtu	e	25 40
Sian	e	27 30
Kunming	e	29 38
Canton	(e)	35 53

6.A

Canton	e	13 29 18
	i	30 38
Zose	e	32 40
Nanking	e	28 12
	eS	33 08
Kunming	eP	31 13
	e(S)	34 32
	i	34 54
Sian	eP	31 14
	e(S)	34 37
Chengtu	-P	31 25
	S	34 47
	i	34 52

Epc: 21 $\frac{1}{2}$ °N, 122°E
 (巴士海峽)
 O: 13-27-00
 M: 4 (Peking)

6.X	Peking	e	13 31 30	
	Lanchow	+P	31 51	
		e	36 06	
	Changchun	e(P)	32 00	
		e	41 40	
6.X	Chengtu	e \bar{I}	01 36 45	Epc: 康定附近
		i \bar{S}	37 11	O: 01-36-05
	Kunming	e(I \bar{n})	37 26	M: 3 $\frac{1}{2}$
		i	38 27	
	Lanchow	(\bar{S})	38 48	
		eP	37 50	
8.X	Changchun	e	22 16 29	From N.E. (来自东北)
	Peking	e	13 13	
	Zose	/P	06 15	
	Chengtu	P	07 27	
	Lanchow	eP	07 00	
	Kunming	eP	07 53	
8.X	Canton	-P	23 46 50	Epc: 1 $^{\circ}$ $\frac{1}{2}$ N, 126 $^{\circ}$ E
		pP	47 16	O: 23-1-36
		sP	47 27	h: 100km
		iS	51 04	
		i	51 17	
	Zose	eP	47 38	
		sP	48 08	
		S	52 20	
		-sS	52 53	
	Nanking	eP	47 48	
		isP	48 13	
		S	52 47	
		sS	53 21	
	Kunming	-iP	48 04	
		sP	48 40	
		e	49 20	
		S	53 11	
		i	54 08	
	Sian	-iP	48 34	
		iS	54 09	
Chengtu	iP	48 28		
	pP	48 52		
	sP	49 03		
	iS	53 57		
Peking	P	48 56		
	pP	49 25		
	sP	49 34		
	eS	54 51		
	i	54 55		
Lanchow	-iP	49 06		
	iS	55 06		

8.X ^{Cont} Changchun

c(P) 23 49 13
 sP 49 46
 (o) 55 22
 -iP 49 36
 S 55 59

9.X Chengtu

iP̄ 05 58 00
 iS̄ 58 13

Kunming

o 06 00 30

Lanchow

i(E) 00 46
 sP 05 59 07
 e 59 38
 S 06 00 11
 e 00 47

Sian

e 00 58
 i -01 00

Lhasa

sP 52 38

Lanchow

P 52 51

Chengtu

c(S) 57 51

Sian

e 57 51

Kunming

e 58 26

Peking

e 07 00 43

Changchun

e 06 21

Epc: 30°E, 103°E
 (四川宝兴, 大邑一带)
 O: 05-57-40
 M: 3 $\frac{1}{2}$

10.X Nanking

o 03 55 36

Changchun

-iP 56 08

Peking

P 56 34

Lanchow

-iP 56 55

10.X Canton

+iP 17 52 05

Zose

eS 37 45

Nanking

+iP 52 26

Kunming

S 38 23

Sian

+iP 32 41

Chengtu

eS 38 48

Lanchow

+P 33 18

Changchun

iS 39 57

Lanchow

eP 33 34

Lhasa

e(S) 40 22

iP 33 37

S 40 28

P 33 43

eS 40 38

+iP 33 50

S 40 53

iP 34 06

e 39 15

+iP 34 43

i 43 33

Epc: 30 $\frac{1}{2}$ °E, 138°E
 O: 17-25-01
 M: 5 $\frac{1}{2}$ (Peking)

10.X Chengtu

eP̄ 21 35 19

Kunming

iS̄ 35 48

e 36 17

Epc: 西昌北部
 O: 21-34-35+
 M: 3 $\frac{1}{2}$

10.X	Kunming	c(\bar{S})	21 36 37	
	Sien	c(\bar{S})	38 46	
11.X	Lanchow	+P	09 39 59	Epc: 30°N 101° $\frac{3}{4}$ E (康定附近) O: 09-57-24 M: 3 $\frac{1}{2}$
	Lhasa	eP	40 41	
	Chengtu	+P	58 04	
		i	58 28	
		i \bar{S}	58 30	
	Kunming	c	58 50	
		c(S_n)	59 42	
		i	10 00 05	
		i \bar{S}	00 10	
	Sien	c	00 35	
	Lanchow	eP	09 59 08	
	P	59 30		
	e	10 00 14		
	\bar{S}	00 58		
11.X	Canton	(e)	17 18.2	Epc: Near Ryukyu Is. (琉球群島附近) O: 17-20-05 \pm
	Zose	e	21 26	
		e	23 09	
	Nanking	e	21 19	
	Changchun	P	23 54	
		c(S)	26 55	
	Peking	eP	23 59	
		eS	27 03	
	Lanchow	P	25 20	
	Chengtu	e	20 33	
Kunming	c	30 36		
12.X	Canton	e	03 52 23	Epc: Celebes Sea. (苏拉威西海) O: 03-42-54
	Zose	eP	48 15	
		c	48 53	
		c(S)	52 40	
	Nanking	e	48 23	
		e	55 09	
	Kunming	c	49 21	
		e	55 21	
	Changchun	(e)	55 50	
	Chengtu	iP	49 13	
		i	59 27	
	Peking	+iP	49 39	
	Lanchow	+iP	49 49	
		S	55 22	
	Lhasa	+P	50 25	
	S	56 25		
12.X	Zose	e(P)	06 08 22	Epc: Taiwan region. 台湾地區
		e	13 36	
		e	15 21	
	Nanking	e	08 24	
		e	15 20	

X	10.X	Kunming	o(S)	21 36 37	
		Sien	o(S)	38 46	
	11.X	Lanchow	+P	09 39 59	Epc: 30°N, 101° ³⁰ E
		Lhasa	eP	40 41	(康定附近)
		Chengtū	+P	58 04	O: 09-57-24
X			i	58 28	M: 3 ³ / ₂
			iS	58 30	
		Kunming	o	58 50	
			e(S _n)	59 42	
			i	10 00 05	
			iS	00 10	
		Sien	o	00 35	
		Lanchow	eP	09 59 08	
			P	59 30	
			e	10 00 14	
			S	00 58	
	11.X	Canton	(e)	17 18.2	Epc: Near Ryukyu Is.
X		Zose	e	21 26	(琉球群島附近)
			e	23 09	O: 17-20-06±
		Nanking	e	21 19	
		Changchun	P	23 54	
			o(S)	26 55	
		Peking	eP	23 59	
			eS	27 03	
		Lanchow	P	25 20	
		Chengtū	e	29 33	
		Kunming	o	30 36	
	12.X	Canton	e	03 52 23	Epc: Celebes Sea.
X		Zose	eP	48 15	(蘇拉威西海)
			o	48 53	O: 03-42-54
			o(S)	52 40	
		Nanking	e	48 28	
			e	55 09	
		Kunming	o	49 21	
			e	55 21	
		Changchun	(e)	55 50	
		Chengtū	iP	49 13	
			i	59 27	
		Peking	+iP	49 39	
		Lanchow	+iP	49 49	
			S	55 22	
		Lhasa	+P	50 25	
			S	56 25	
X	12.X	Zose	e(P)	06 08 22	Epc: Taiwan region.
			e	13 36	台灣地區
			e	15 21	
		Nanking	e	08 24	
			e	15 28	

X	12.X	Changchun	e	06 17 27	
		Chengtu	e	18 14	
		Kunming	e	19 45	
		Lanchow	eP	10 59	
		Lhasa	eP	11 45	
	12.X	Canton	e	19 09 07	Epc: Taiwan region.
		Zose	e	10 22	(台灣地區)
X		Zose	e(P)	09 34	O: 19-07-05±
			e	10 58	M: 4 ³ / ₄
			i	12 19	
		Nanking	e	09 23	
			e	11 56	
		Peking	eP	11 33	
			eS	15 05	
		Lanchow	eP	11 57	
			e	15 58	
		Sian	e	11 13	
		Chengtu	e	11 28	
			e	14 54	
		Kunming	e	16 31	
X	13.X	Peking	P	02 28 38	
			e	34 02	
		Lanchow	-iP	28 50	
		Lhasa	eP	29 27	
	13.X	Lhasa	PKP	05 18 09	
		Lanchow	PKP	18 26	
		Nanking	PKP	18 41	
			e	21 52	
		Zose	+iPKP	18 41	
		Peking	PKP	18 52	
		Changchun	ePKP	18 56	
			e	19 34	
		Sian	e	19 01	
	13.X	Lhasa	ePKP	11 05 57	Epc: South Sandwich Is.
		Lanchow	PKP	06 18	(南桑德偉奇群島)
		Sian	-iPKP	06 20	O: 10-46.8
		Zose	PKP	06 25	
		Nanking	+iPKP	06 26	
			e	09 19	
		Peking	PKP	06 37	
			ePP	10 24	
		Changchun	PKP	06 45	
	13.X	Zose	e	14 35 30	O: 14-30-33±
			e(S)	39 30	
		Nanking	e(P)	35 46	
			e(S)	39 56	

13. X	Kunming	e	14 40 45	
X	Chengtu	(e)	43 55	
X	Changchun	e	37 13	
X	Lanchow	eP	37 16	
14. X	Lanchow	+iP	01 52 04	Epc: $34^{\circ} \frac{1}{2} N, 104^{\circ} \frac{1}{2} E$
X		P	52 06	(甘肃西礼县附近)
X		ee	52 26	O: 01-51-24
X	Sian	S	52 33	M: $3 \frac{1}{2}$
X		eP	52 33	
X	Chengtu	iS	53 20	$1/x$ 00h 之余震
X		e(P)	52 43	
X		iS	53 34	
14. X	Kunming	e	01 59 30	Epc: 云南中甸县附近
X		eP	59 34	O: 01-58-20±
X		iS	02 00 05	M: $3 \frac{1}{2}$
X	Chengtu	iP	00 22	
X		e	00 03	
X		i	00 47	
X		(S)	01 17	
X	Sian	e	04 19	
X	Lanchow	P	01 01	
14. X	Nanking	e	16 34 09	
X	Zose	e	34 48	
X	Peking	eP	25 (38)	
X	Changchun	e(S)	34 58	
X	Sian	(e)	35 43	
X	Lanchow	-iP	26 11	
X	Kunming	(S)	35 40	
X	Chengtu	e	30 36	
X		iS	35 45	
14. X	Changchun	eP	22 04 04	Epc: Kuril Trench.
X		eS	08 10	(千岛群岛海沟)
X	Peking	eP	05 15	O: 21-58-50±
X	Zose	+P	05 39	M: 5
X		e(S)	11 06	
X	Nanking	+iP	05 46	
X		e	12 09	
X	Lanchow	+P	06 41	
X	Chengtu	P	07 09	
X		e(S)	13 41	
X		i	13 50	
X	Kunming	P	07 46	
X		S	14 48	
X	Lhasa	eP	08 17	

Given by
S. P. Lee (Chief)
S. J. Mei

1961 XI 27

Division of Seismology,
Institute of Geophysics, Academia, Sinica
Peking China.

PRELIMINARY SEISMOLOGICAL REPORT
OF
CENTRAL STATION "PEKING" AND AUXILIARY STATIONS

16 - 31, October 1961

X	16.X Kunming	eP _n	06 36 18	Epc: 23° ¹⁵ 'N, 104° ⁰⁰ 'E (云南, 文山县附近) O: 06-35-30 M: 4 ¹ / ₂
		P	36 25	
		S _n	36 49	
		S	36 54	
	Chengtū	e(P _n)	37 25	
		eS _n	38 49	
	Canton	e(P)	37 38	
		e	38 14	
		e	39 25	
	Sian	e	38 20	
	eS	40 33		
Lanchow	eP	38 48		
Nanking	e	40 29		
	e(S)	43 37		
Zose	e	43 11		
	e	44 07		
Peking	e	46 57		
Changchun	e	51 24		

X	18.X Lhasa	-iP	15 35 08	Epc: 23° ¹⁵ 'N, 94° ⁰⁰ 'E O: 15-31-23
		S	34 25	
	Kunming	+iP	33 19	
		S	34 50	
	Chengtū	eP	34 05	
		S	36 12	
	Lanchow	P	34 59	
	Sian	eP	35 15	
	Nanking	e(P)	36 23	
	Zose	e(P)	36 36	
Canton	e	39 16		

✓	18.X Changchun	+PKP ₁	17 11 55	Epc: Chile. (智利) O: 16-51-53 M: 6 ¹ / ₂
		PKP ₂	12 55	
		PP	16 38	
		PP	20 57	
		SKKS	23 25	
	Canton	+PKP ₁	12 00	
		PKP ₂	13 02	
		PP	16 43	
	Lhasa	+PKP ₁	12 00	
		PKP ₂	13 00	
		PP	16 45	
		SKKS	23 34	
	Zose	+PKP ₁	11 59	
		PKP ₂	13 09	
		PP	16 53	
		SKKS	23 42	

Cont
18.X Kunming



Nanking

Peking

Chengtu

Sian

Lanchow

+PKP ₁	17 12 01
PKP ₂	13 05
PP	16 56
SKKS	23 48
+PKP ₁	12 02
PKP ₂	13 23
PP	17 05
PPP	20 59
SKKS	23 53
+PKP ₁	12 03
PKP ₂	13 28
PP	17 13
SKKS	24 08
+PKP ₁	12 04
PKP ₂	13 27
PP	17 27
PPP	21 14
iSKKS	24 15
+PKP ₁	12 06
PKP ₂	13 46
PP	17 40
PPP	21 07
SKKS	24 38
+PKP ₁	12 05
PP	17 49

19.X Lhasa



Kunming

Zose

Nanking

Chengtu

ePKP ₁	11 39 07
epPKP ₁	39 49
PKP ₂	39 57
ipPKP ₂	40 36
PP	43 43
iSKKS	50 14
ePKP ₁	39 10
pPKP ₁	39 51
ePKP ₂	40 12
epPKP ₂	40 51
PP	44 03
eSKKS	50 34
ePKP ₁	39 10
pPKP ₁	39 51
PKP ₂	40 20
pPKP ₂	40 53
PP	44 08
PPP	44 47
SKKS	50 44
pPKP ₁	39 51
PKP ₂	40 27
pPKP ₂	41 11
sPKP ₂	41 26
PP	44 25
SKKS	50 53
ePKP ₁	39 11
pPKP ₁	39 52
ePKP ₂	40 35
pPKP ₂	41 14

Epc: Chile.
(智利)
O: 11-19-24
h: 160km

Cont

19.X	Chengtu	PP	11 44 23
		SKKS	51 00
	Peking	ePKP ₁	39 13
		pPKP ₁	39 53
		PKP ₂	40 44
		pPKP ₂	41 23
		PP	44 35
		pPP	45 14
	Lanchow	SKKS	52 05
		PKP ₁	39 14
		PP	44 45
	Sian	ePKP ₁	39 14
		pPKP ₁	39 50
		ePKP ₂	40 56
		pPKP ₂	41 37
		PP	44 52

19.X	Canton	e	19 38 58
		e	49 10
	Zose	eP	39 23
		eS	50 11
	Kunming	+P	39 24
		S	50 13
	Nanking	eP	39 30
		SKS	50 08
		S	50 25
	Chengtu	+P	39 44
		SKS	50 21
		S	50 51
	Sian	+P	39 53
		S	51 11
	Lhasa	e	40 03
		e	44 01
		eSKS	5 41
		e	52 27
		e	52 49
	Peking	(•)	40 08

Epc: Macquarie, Australia
 (馬克瓦里島, 澳洲)
 O: 19-26-24

20.X	Wuwei	P	17 48 09
		S	49 12
	Lanchow	+iP	48 15
		e	48 37
		i	49 50
	Chengtu	+iP	48 46
		eS	50 18
	Sian	eP	49 16
		e(S)	51 09
	Lhasa	eP	49 16
		e(S)	51 13
	Kunming	eP	50 16
		e(S)	53 06
	Peking	eP	50 19
		e	53 13
	Nanking	P	51 07
	Canton	+P	51 26

Epc: 38°¹/₂N, 97°¹/₂E
 O: 17-46-47
 M: 4¹/₂

20.X	Zose	eP	17 51 32	
			55 41	
X	Changchun	eP	51 39	
		c()	55 41	
21.X	Nanking	e(P)	11 54 41	Epc: New Hebrides.
		e(S)	12 03 09	(新赫布里斯群岛)
	Changchun	P	11 54 54	O: 11-45-26
		S	12 04 17	
✓	Peking	P	11 55 12	
		eS	12 04 51	
	Sian	-iP	11 55 26	
	Kunming	P	55 34	
	Chengtu	e(P)	55 38	
		S	12 05 40	
21.X	Zose	eP	17 44 21	Epc: Colomon Is.
		sP	44 56	(科隆群岛)
		e(S)	42 27	O: 17-34-30
	Peking	eP	45 21	h: 100km
		sP	45 57	
✓	Sian	+iP	45 33	
		sP	46 06	
	Kunming	+iP	45 40	
		sP	46 15	
		S	54 47	
	Chengtu	iP	45 44	
		sP	46 19	
		e(S)	54 57	
	Lanchow	+iP	46 00	
		sP	46 36	
		eP	55 27	
	Lhasa	+iP	46 43	
22.X	Zose	eP	10 01 45	Epc: Fiji Is.
		S	11 06	(斐济群岛)
	Nanking	e(P)	01 57	O: 00-5-18
		eS	11 30	M: 5
✓	Changchun	-iP	02 20	
		S	12 14	
	Peking	P	02 35	
		S	12 41	
	Kunming	eP	02 47	
		S	13 05	
	Sian	-P	02(47)	
	Chengtu	P	02 53	
		eS	13 16	
	Lanchow	eP	05 06	
		eS	13 49	
	Lhasa	eP	03 42	
23.X	Kunming	ePKP	00 27 55	Epc: South Sandwich Is.
		PP	30 27	(南桑德维奇群岛)
✓	Chengtu	PKP	28 00	O: 00-08-36
		PP	30 38	M: 6

Cant
 23.X Canton PKP 00 29 00
 PP 30 42
 ✓ Lanchow PKP 28 08
 Peking ePKP 28 25
 e 32 24

23.X Canton eP 14 44 44
 iS 48 53
 ✓ Zose +P 45 27
 iS 50 08
 Nanking +iP 45 39
 iS 49 31
 Kunming eP 45 58
 iS 51 05
 Chengtu eP 46 23
 iS 51 46
 Peking +iP 46 50
 S 52 35
 Changchun +iP 47 12
 S 53 18
 Lhasa +iP 47 34
 iS 53 55

Epc: 4°N, 127°E
 O: 14-39-35
 M: 5 $\frac{3}{4}$

24.X Changchun -iP 07 28 55
 sP 29 30
 i(S) 31 37
 ✓ Peking -iP 30 18
 sP 30 54
 eS 34 15
 Zose -iP 30 32
 sP 31 20
 Nanking -iP 30 40
 sP 31 19
 eS 35 02
 Sian -iP 31 31
 Lanchow -iP 31 54
 S 37 06
 Chengtu iP 32 17
 iS 37 47
 Kunming -iP 32 54
 iS 38 52
 Lhasa -iP 33 39
 S 40 16

Epc: 44°N, 147°E
 O: 07-25-24
 h: 130km
 M: 5 $\frac{1}{2}$

25.X Nanking eP 14 32 47
 eS 43 10
 ✓ Changchun P 32 54
 eS 43 27
 Peking eP 33 13
 eS 44 07
 Sian (P) 33 31
 (S) 44 38
 Kunming eP 33 56
 S 44 46

Epc: Tonga Is.
 (东加群岛)
 O: 14-20-11
 M: 5 $\frac{1}{2}$

25. X Chengtu eP 14 30 41
 eS 44 55

25. X Lhasa iP 16 31 11
 Kunming e(P) 32 30
 Chengtu e(P) 32 34
 Peking e(P) 34 06
 e(S) 42 01
 Changchun ? 34 57
 (P) 43 37

Epc: Arabian Sea.
 (阿拉伯海)
 O: 16-24, 2

26. X Zose + P 00 48 18
 S 52 40
 Canton +P 46 21
 iS 52 48
 Nanking P 46 34
 iS 53 15
 Changchun +P 47 22
 S 54 40
 Peking P 47 30
 S 54 53
 Sian +P 47(33)
 Kunming +P 47 34
 eS 54 59
 Chengtu P 47 44
 iS 55 18
 Lanchow P 48 07
 Lhasa P 48 53

Epc: 20°S, 148°E
 O: 00-30-17
 M: 6½ (Peking)

26. X Kunming +iP 15 32 37
 eS 37 04
 Canton +P 32 50
 (S) 37 29
 Lhasa P 33 23
 Chengtu iP 33 25
 iS 38 35
 Sian +iP 34(36)
 S 39(46)
 Lanchow P 34 13
 Nanking +P 34 19
 e(S) +0 08
 Zose +P 34 23
 S 40 15
 Peking +iP 35 06
 eS 41 35
 Changchun +iP 35 58
 (S) 42 54

Epc: 1°S, 99°E
 O: 15-27-01
 M: 6

26. X Peking eP_n 18 06 22
 P 06 30
 S 07 13
 Sian eP 06 49
 P 07 02
 S 08 11

Epc: 38°N, 112°E
 (山西北部)
 O: 18-05-16
 M: 4

X 26.X Lanchow P 18 07 35
 Chengtu ee 10 05
 (S) 10 56
 Changchun e 11 04
 Nanking c 10 14
 Kunming (e) 14 00
 Canton e 14 03

✓ 26.X Kunming +P 19 34 07 Epc: Sumatra.
 S 33 55 (苏门答腊)
 Lhasa +iP 34 52 O: 19-28-10
 Chengtu P 34 54 M: 5
 eS 40 16
 Canton e 34 14
 Sien eP 35 33
 Lanchow eP 35 42
 Zose e(P) 35 53
 Peking P 36 37
 eS 43 24

X 28.X Changchun eP 21 31 42
 Peking o(P) 32 57
 Lanchow eP 34 29

✓ 28.X Peking e(P) 22 49 13 Epc: Baykal.
 e 51 55 (贝加尔地区)
 Changchun e(P) 49 20 O: 22-45-55±
 e(S) 51 47 M: 5
 Lanchow eP 49 59
 Sien e(P) 50 28
 Chengtu e(P) 50 53
 Zose e(S) 55 03
 Kunming e(P) 51 41

X 28.X Canton iP 22 54 58
 Nanking oP 55 04
 Kunming iP 55 59
 Chengtu P 56 06
 Lhasa P 57 01

✓ 29.X Peking e(P) 09 24 00 Epc: Near Alaska.
 S 33 32 (阿拉斯加附近)
 Changchun (S) 34 06 O: 09-12-20
 Zose e(P) 24 28 M: 5
 S 34 21
 Nanking e(P) 24 27
 e(S) 34 26
 Kunming eP 25 35
 Lhasa eP 25 45
 Chengtu eS 35 52
 Canton e 36 37

30.X Peking eP 02 28 41 Epc: Near California.
 eS 30 48 (加里福尼亞附近)
 Zose eP 29 02 O: 02-16-26
 eS 39 26 M: 5
 Nanking eP 29 05
 SKS 39 15
 eS 39 32
 Lanchow P 29 27
 Chengtu e(P) 29 49
 eS 40 59
 Canton (S) 41 12
 Kunming e(P) 34 16

30.X Changchun e(P) 08 41 30 Epc: North Atlantic Ocean.
 e(S) 51 12 (大西洋北部)
 Peking e(P) 41 38 O: 08-29-40
 e(S) 51 28 M: 6
 Lanchow eP 41 48
 Chengtu e(P) 42 17
 Nanking e 42 46
 Kunming e(P) 43 01

30.X Zose +P 21 19 50 Epc: 30°N, 142°E
 Changchun +P 20 08 O: 21-15-38
 Nanking e(S) 23 42 M: 5
 +iP 20 13
 Peking eS 23 51
 -P 20 51
 S 25 04
 Canton e(P) 21 17
 e(S) 25 49
 Chengtu P 22 11
 eS 27 23
 Kunming +P 22 51
 eS 28 00

31.X Changchun eP 01 50 38 Epc: Aleutian Is.
 Peking +P 51 45 (阿留申群島)
 e(S) 58 3 O: 01-43-50+
 Zose eP 52 07
 eS 58 44
 Nanking +P 52 14
 Sian e(S) 02 00 10
 Lanchow +iP 01 53 04
 Canton e(S) 02 01 23
 Kunming P 01 54 03
 e(S) 02 02 16
 Lhasa P 01 54 30

Given by
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 Peking China.

1961 XII 23

PRELIMINARY SEISMOLOGICAL REPORT
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1 - 15, November 1961

4. XI	Nanking	e	03 11 05	0: 03-04.3
	Zose	e(P)	11 12	
	Peking	e	12 50	
		e(S)	19 36	
	Lanchow	+P	13 13	
	Lhasa	+P	13 50	
	S	21 28		
4. XI	Lhasa	-iP	13 05 55	Epc: 32° ¹ / ₂ N, 91° ¹ / ₂ E 0: 13-04-48 1: 5 ¹ / ₂
	Chengtu	e(P)	07 31	
		eS	09 35	
	Lanchow	eP	07 34	
		eS	09 44	
	Sian	-P	08 25	
		eS	11(15)	
	Peking	eP	09 47	
		eS	13 43	
	Canton	+iP	09 51	
		e	13 43	
	Zose	P	10 26	
		e(S)	14 59	
Changchun		eP	10 58	
		e(S)	15 58	
4. XI	Changchun	e(P)	18 25 05	Epc: Aleutian Is. (阿当申群岛) 0: 18-16.9
	Peking	eP	28 37	
		e(S)	33 30	
	Zose	e	26 30	
	Lanchow	P	27 16	
	Sian	e(P)	27 29	
	Lhasa	eP	28 34	
	e(S)	38 07		
5. XI	Changchun	-iP	10 40 24	Epc: 45° ¹ / ₂ N, 149° ¹ / ₂ E 0: 10-26-37 h: 160km
		e(S)	43 44	
	Peking	eP	41 46	
		pP	42 18	
		sP	42 33	
		e(S)	45 56	
	Zose	-iP	42 00	
		pP	42 31	
		esP	42 50	
		e(S)	46 19	
	Nanking	iP	42 07	
Lanchow	-iP	43 20		
Chengtu	iP	43 43		
Kunming	eP	44 19		

6.XI	Zose	+P	05 38 40	Epc: New Hebrides.
		S	47 02	(新赫布里底斯群岛)
6.1	Canton	e(P)	38 52	O: 05-28-18
		iS	47 26	
	Nanking	+P	38 56	
		eS	47 31	
	Changchun	+iP	39 19	
	Peking	+P	39 35	
		S	48 51	
	Sian	+iP	39 45	
		eS	49 06	
	Kunming	+iP	39 50	
		eS	49 17	
	Chengtu	P	39 57	
		S	49 30	
	Lanchow	+P	40 12	
		(S)	49 55	
	Lhasa	+P	40 52	
		S	51 18	
6.XI	Lhasa	P	07 59 54	O: 07-57.8
		S	08 01 31	
X	Sian	e(P)	01 33	
	Kunming	e	01 37	
	Chengtu	e	01 51	
	Lanchow	+P	02 17	
		e(S)	05 46	
6.XI	Lhasa	+P	12 32 55	O: 12-31.4
X	Lanchow	+iP	34 15	
	Kunming	e	36 07	
		e(S)	39 48	
6.XI	Zose	eP	13 40 10	Epc: Marianas Is.
		eS	44 36	(马利亚那群岛)
	Nanking	e	40 30	O: 13-34.6
X		e(S)	45 20	
	Peking	e(P)	41 20	
	Changchun	e(P)	41 46	
		e(S)	47 32	
	Chengtu	e	42 12	
		iS	47 56	
	Lanchow	-iP	42 22	
7.XI	Canton	+P	01 16 55	Epc: 11°N, 127°E
		iS	20 09	O: 01-12-47
	Zose	+P	17 27	
X		S	21 13	
	Nanking	+P	17 44	
		eS	21 44	
	Kunming	eP	18 26	
		eS	22 57	
	Sian	P	18 40	
		(S)	23 23	

7.XI	Chengtū	eP	01 18 44
		S	23 27
	Peking	eP	18 58
		S	23 54
	Lanchow	+iP	19 17
	Changchun	e(P)	19 20
		e(S)	24 32
	Lhasa	P	20 06
		e(S)	25 52

10.XI	Canton	e	18 11 16
	Zose	o(P)	11 41
		S	20 37
	Nanking	P	11 53
		S	21 03
	Changchun	e(P)	12 07
		S	21 26
	Peking	P	12 22
		S	21 57
	Kunming	-P	12 43
		iS	22 41
	Chengtū	i(P)	12 48
		S	22 50
	Lanchow	-iP	12 57
		eS	23 11

Epc: Near Fiji Is.
 (菲济群岛附近)
 O: 18-00-41

11.XI	Kunming	e	23 01 51
		P	01 53
		iS _n	02 31
		i	02 40
		iS	02 43
	Chengtū	e	02 08
		eP	02 12
		iS	03 17
	Lhasa	eP	02 48
	Lanchow	o(P)	03 03
	Sian	e	03 34
		e	06 09

Epc: 28°¹/₂N, 99°E
 (云南德钦一带)
 O: 23-00-30
 M: 4¹/₂

12.XI	Lhasa	-iP	02 25 58
		eS	34 42
	Kunming	-P	26 56
	Chengtū	iP	27 06
		eS	36 54
	Lanchow	-iP	27 10
	Sian	iP	27 29
	Canton	-P	27 48
	Peking	-P	28 02
		S	38 40
	Zose	e	39 26

Epc: East African.
 (东非洲)
 O: 02-15-13

13.XI	Peking	e(P)	07 48 33
	Lanchow	+iP	48 51
		eS	54 06
	Lhasa	+P	49 25

O: 07-42-16+

14.XI Zose e 01 07 46 Taiwan
 e(S) 09 01
 X Nanking e 10 32
 Sian e 09 54
 e 14 21
 Peking e(P) 09 55
 e 13 45
 Chengtu e(P) 10 06
 e(S) 13 46

14.XI Lhasa P 17 21 17
 i 26 57
 ✓ Lanchow +iP 21 53
 i 27 40
 Peking +iP 22 35
 Changchun +iP 23 20
 Kunming e 24 30
 Chengtu iP 26 47

15.XI Changchun +iP 07 20 36 Epc: 43°¹/₂N, 145°E
 iS 23 16 O: 07-17-15
 ✓ Peking +iP 22 03 M: 6³/₄
 iS 25 57
 Zose +iP 22 09
 iS 26 11
 Nanking +iP 22 21
 iS 26 31
 Sian +iP 23 15
 Lanchow P 23 40
 S 28 51
 Canton +iP 23 48
 eS 29 00
 Chengtu iP 24 02
 iS 29 28
 Kunming iP 24 37
 iS 30 26
 Lhasa +iP 25 27
 iS 32 04

16.XI Zose e 16 24 39 Epc: Fiji Is.
 ✓ Peking e(P) 16 04 (菲济群岛)
 S 26 09 O: 16-03-51
 Kunming eP 16 17 M: 5¹/₂
 S 26 32
 Chengtu eS 26 41
 Lanchow eP 16 34
 iS 27 12

18.XI Canton -P 06 08 29 Epc: 1¹/₃S, 126°¹/₂E
 ✓ Zose e(S) 12 54 O: 06-02-42
 e(P) 09 06
 eS 14 13

Cont

18.XI Nanking e(P) 08 09 16
 S 14 37
 Kunming e S 09 27
 S 14 57
 Sian eP 10 03
 iS 15 53
 Peking e(P) 10 27
 eS 16 40
 Lanchow P 10 34
 S 16 51
 Lhasa eP 10 57

18.XI Zose P 11 29 19
 eS 39 47
 Canton +P 29 21
 Nanking +iP 29 31
 SKS 39 49
 eS 40 07
 Changchun +iP 29 46
 Peking P 30 01
 Sian P 30 09
 Kunming +P 30 12
 Chengtu P 30 18
 Lanchow eP 30 30

Epc: Kermadec Is.
 (克馬德克群島)
 O: 11-16-43
 M: 6

18.XI Zose iP 22 11 38
 iS 12 54
 Canton +iP 11 45
 i 13 00
 Nanking -P 11 55
 iS 13 31
 Changchun P 14 26
 Sian -iP 13 28
 i(S) 16 16
 Peking eP 13 50
 S 16 58
 Chengtu eP 13 52
 S 17 02
 Kunming eP 13 54
 e(S) 17 12
 Lanchow +iP 14(26)
 iS 18(08)
 Lhasa +iP 15 43
 S 20 23

Epc: 24°N, 121°E
 O: 22-09-51
 M: 5

19.XI Canton +iP 23 27 05
 iS 31 12
 Zose +P 27 56
 S 32 40
 Nanking +P 28 06
 pP 28 52
 sP 29 07
 S 32 59

Epc: 1°N, 124°E
 O: 23-22-01
 h: 220km

Cont

19.XI	Kunming	+iP	28	28	11
		-ipP		28	55
		isP		29	11
		iS		33	08
	Chengtu	iP		28	39
		pP		29	25
		sP		29	39
		iS		33	57
	Sian	iP		28	48
		i		34	15
	Peking	iP		29	15
		sP		30	16
		S		34	57
	Lanchow	+iP		29	19
		sP		30	16
		iS		35	11
	Changchun	+iP		29	41
		S		35	49
	Lhasa	P		29	42
		S		35	50

20.XI	Peking	+P	04	08	24
		eS		12	10
	Lhasa	eP		08	41
	Chengtu	eP		08	48
		iS		12	50
	Changchun	P		09	01
		eS		13	18
	Kunming	e(P)		09	32
		eS		14	17
	Nanking	(a)		10	00
	Canton	e		19	57
	Zoso	e		18	32
		e		19	16

Epc: 51°^{30'}N, 91°E
 O: 04-03-41
 M: 5

20.XI	Zoso	+P	11	55	33
		S		12	04
	Canton	eP		11	55
		eS		12	04
	Nanking	eP		11	55
		eS		12	05
	Changchun	(P)		11	56
		eS		12	06
	Peking	+P		11	56
		S		12	06
	Kunming	eP		11	56
		iS		12	06
	Sian	P		11	56
		S		12	06
	Chengtu	iP		11	56
		iS		12	06
	Lanchow	eP		11	56
		S		12	07
	Lhasa	oP		11	57

Epc: Tonga Is.
 (東加群島)
 O: 11-44-18
 M: 6

21. XI *cont* Canton
 Kunming
 Chengtu
 Lanchow
 Peking
 Changchun

+P 11 12 00
 eS 16 10
 (P) 13 13
 eS 18 20
 i 19 14
 eP 14 08
 eS 20 30
 e(P) 14 03
 eS 30 30
 i 24 21

Epc: Near Celebes.
 (蘇拉威西附近)
 O: 11-05-58

22. XI Peking
 Kunming
 Chengtu
 Lanchow

eP 11 18 43
 eS 28 43
 eP 18 48
 S 28 53
 e 29 10
 P 19 12

Epc: Near New Hebrides Is.
 (新赫布里底斯群島附近)
 O: 11-06-35

22. XI Kunming
 Lanchow
 Peking

eP 21 54 12
 P 55 02
 e 55 48

25. XI Lanchow
 Peking

P 15 59 44
 e(Pn) 16 00 11
 eP 00 37
 (S) 02 01
 e(P) 30 14
 (S) 02 04
 eP 02 03
 e 02 13
 i 04 33
 e 05 13
 e 07 35

Epc: $43^{\circ}\frac{1}{2}N$, $104^{\circ}\frac{1}{2}E$
 O: 15-57-50
 M: $4\frac{1}{2}$

25. XI Changchun

Zose
 Nanking
 Peking
 Sian

1P 20 23 12
 iS 26 01
 eP 23 53
 eS 27 25
 eP 24 11
 eS 28 07
 P 24 21
 +iP 25 26
 e 31 09
 +P 25 59
 eS 31 04
 +iP 26 39
 i 35 29
 +iP 27 44

Epc: $38^{\circ}\frac{1}{2}N$, $142^{\circ}E$
 O: 20-19-37
 M: 5

26. XI Kunming
 Lhasa
 Chengtu

ePn 09 37 03
 eP 37 11
 e 38 42
 e 37 26
 P 37 28
 iS 38 46

Epc: $29^{\circ}\frac{1}{2}N$, $97^{\circ}E$
 O: 09-35-28
 M: $4\frac{1}{2}$

26.XI Lanchow eP 09 37 37
 Sian e 39 51
 Peking i 41 27
 e 45 14

26.XI Chengtu e 18 38 59
 Kunming e 41 03
 Peking o 39 51
 Nanking e 47 22
 Zose L 50.4
 L 51.0

27.XI Zose +iP 05 59 18
 S 06 00 58
 Nanking +iP 05 59 48
 S 06 01 56
 Changchun +iP 00 23
 iS 02 58
 Peking +iP 00 44
 S 03 37
 Canton P 01 22
 Sian eS 04 47
 +iP 01 34
 e 06 30
 Chengtu iP 02 17
 iS 06 30
 Lanchow +iP 02 18
 S 06 31
 Kunming P 02 40
 (S) 07 09
 Lhasa +P 03 59

Epc: 31°N, 132°E
 O: 05-57-04
 M: 5½

27.XI Canton +iP 17 16 23
 iS 20 56
 Zose +P 17 03
 e(S) 22 00
 Nanking +P 17 17
 iS 22 39
 Kunming +P 17 32
 iS 22 59
 Chengtu iP 17 58
 iS 23 47
 Sian +iP 18 03
 iS 23 54
 Peking +P 18 26
 S 24 34
 Lanchow +iP 18 34
 e 24 33
 Changchun +iP 18 47
 (S) 25 09
 i 25 22
 Lhasa +iP 19 02
 S 25 46

Epc: ½°N, 128°E
 O: 17-10-42
 M: 6½

28.XI Chengtu
 X Kunming
 Sian
 Peking
 Canton
 Zose

e	02 41 24	NQ
e	43 20	
i	43 23	
e	47 37	
e	44 29	
L	43 42	
e	42 13	
e(P)	46 06	
e	50 16	
e	48 25	

28.XI Canton
 Zose
 Nanking
 Sian
 Peking
 Kunming
 Chengtu
 Lanchow

e	16 35 58	Epc: Taiwan.
e	37 24	(台灣)
e(P)	36 06	O: 16-33-15+
eS	38 19	
i	38 39	
e(P)	38 11	
i(S)	39 02	
e	42 15	
e	38 15	
e	42 25	
e	41 24	
e	43 01	
eP	38 40	
e	43 39	

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1962 I 7.

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1 - 31, December 1961

1.XII	Changchun	-iP	07 39 42	Epc: 55° ¹ ₂ N, 160°E
		S	44 05	O: 07-34-14
	Peking	eP	40 50	M: 5
		eS	46 06	
	Zose	eP	41 26	
		eS	47 12	
	Nanking	-P	41 29	
		eS	47 18	
	Lanchow	P	42 14	
		eS	48 36	
	Chengtu	eP	42 43	
		eS	49 29	
	Kunming	eP	43 22	
	Lhasa	eP	43 45	
		eS	51 24	
1.XII	Zose	+iP	21 14 52	Epc: 26°N, 125°E
		iS	15 37	O: 21-13-03
	Nanking	+iP	14 59	h: 220km
		iS	16 26	M: 6
	Canton	+iP	15 38	
		eS	17 44	
	Peking	+P	16 36	
		sP	17 30	
		iS	19 27	
	Sian	+iP	16 40	
	Changchun	-iP	16 58	
		S	20 06	
	Chengtu	+iP	17 10	
		iS	20 30	
	Kunming	+iP	17 24	
		iS	20 54	
	Lanchow	+iP	17 27	
		sP	18 07	
		(S)	20 53	
	Lhasa	P	18 57	
		S	33 39	
2.XII	Lanchow	iP	12 51 49	Epc: North Africa.
	Chengtu	P	52 06	(北非洲)
		e(S)	13 01 52	O: 12-40-(08)
	Sian	+iP	12 52 14	
		e(S)	13 02 09	

Cont

✓

2.XII	Kunming	eP	12 52 18
		e(S)	13 02 21
	Peking	P	12 52 20
		e(S)	13 02 23
	Changchun	eP	12 52 34
	Nanking	P	52 34

✓

3.XII	Zose	-iP	08 42 03
		S	43 12
	Nanking	P	42 25
		S	43 57
	Canton	+P	42 38
	Sian	eP	44 00
		S	46 50
	Peking	+iP	44 12
		eS	47 11
	Chengtū	-P	44 29
		S	47 45
	Kunming	-P	44 37
		eS	47 55
	Changchun	+iP	44 44
		S	48 11
	Lanchow	iP	44 53
		sP	45 34
		iS	48 30

Epc: 25°N, 123°E
 O: 08-40-28
 h: 100km ca.
 M: 5

✓

3.XII	Changchun	eP	16 25 13
	Peking	eP	25 28
		e(S)	34 50
	Sian	eP	25 41
	Kunming	eP	25 47
		S	35 07
	Chengtū	eP	25 52
		S	35 19
	Lanchow	eP	26 07
	Lhasa	eP	26 49
		eS	37 09

Epc: Santa Cruz Is.
 (聖大克羅茲群島)
 O: 16-14-22

✓

3.XII	Changchun	+iP	19 56 51
		iS	58 14
		iScS	20 09 19
	Peking	-iP	19 58 16
		iS	20 00 52
		iScS	09 34
	Zose	S	01 29
		ScS	09 40
	Nanking	eP	19 58 45
		iS	20 01 42
		iScS	09 41
	Sian	-P	19 59 33
		S	20 03 10
	Lanchow	P	19 59 59
		iS	20 03 52

Epc: 44°N, 135°E
 O: 19-55-06
 h: 400km ca.
 M: 5

Cont
 3.XII Lanchow iScS 20 10 11
 Chengtu S 04 32
 Kunming iScS 10 20
 eP 01 00
 S 05 42
 Lhasa iScS 10 42
 eP 01 48
 eS 07 08
 iScS 11 14

4.XII Lhasa -iP 12 39 32 Epc: 33°N, 95°E
 Lanchow iP 40 04 O: 12-38-33
 Chengtu +iP 41 32 M: 6
 Tienshui iS 41 44
 Kunming eP 40 23
 +P 40 42
 S 42 42
 Sian P 40 55
 S 43 09
 Peking -P 42 22
 S 45 53
 Canton +P 42 30
 iS 46 05
 Nanking -iP 42 43
 S 46 24
 Zose -iP 43 06
 iS 47 10
 Changchun -iP 43 41
 S 48 09

5.XII Zose -P 13 12 56 Epc: 16°S, 169°E
 eS 21 23 O: 13-02-30
 Canton -P 12 59 h: 160km ca.
 Nanking -iP 13 11
 S 21 47
 Changchun -iP 13 36
 S 22 41
 Peking -P 13 51
 S 23 10
 Sian -iP 14 00
 eS 23 27
 Kunming -iP 14 02
 Chengtu P 14 10

6.XII Kunming +P 05 52 08 Epc: 13°N, 93°E
 iS 55 04 O: 05-48-38
 Lhasa eP 52 23 M: 5½
 (S) 55 31
 Canton -P 53 26
 (S) 57 27
 Chengtu +iP 53 09
 iS 56 47

Out

6.XII	Lanchow	+iP	05 53 58
		S	58 15
	Sian	+iP	54 01
		S	53 44
	Nanking	+P	54 45
		eS	59 38
	Zose	eP	54 58
		S	06 00 02
	Peking	+iP	05 55 16
		S	06 00 36
	Changchun	+iP	05 56 20
		S	06 02 26

6.XII	Zose	P	13 48 02
		eS	58 06
	Canton	P	48 12
		eS	58 17
	Nanking	P	48 14
	Changchun	+iP	48 25
		S	53 54
	Peking	eP	48 42
		S	59 24
	Sian	iP	48 53
	Kunming	+P	48 58
	Chengtū	P	49 04
	Lanchow	iP	49 15

Epc: Tonga Is.
(東加群島)
O: 13-35-49
M: 5 $\frac{1}{2}$

6.XII	Changchun.	+iP	16 44 19
		eS	48 02
	Peking	+P	45 34
		eS	50 13
	Zose	+iP	45 57
		S	51 02
	Nanking	+iP	46 03
		S	51 13
	Sian	P	46 43
	Lanchow	+iP	47 05
		iS	53 04
	Canton	+iP	47 27
		S	53 43
	Chengtū	+iP	47 30
		S	53 48
	Kunming	+iP	48 08
		iS	54 56
	Lhasa	+P	48 45

Epc: 50°N, 154° $\frac{1}{2}$ E
O: 16-39-37
M: 6 $\frac{1}{4}$

7.XII	Lanchow	iP	07 57 16
		iS	57 42
	Yinchuan	eP	57 19
		iS	57 49
	Sian	ePn	57 23
		iP	57 32
		iS	58 06

Epc: 36°N, 106° $\frac{1}{2}$ E
O: 07-56-40
M: 4

7.XII	Wuwei	\bar{P}	07 57 40	
	Chengtu	ePn	58 06	
		e \bar{P}	58 29	
		i \bar{S}	59 39	
	Peking	P	58 41	
Changchun	-iP	08 00 30		
8.XII	Chengtu	-iP	03 06 30	Epc: $31^{\circ}\frac{3}{4}N$, $104^{\circ}\frac{1}{2}E$ O: 03-06-10 M: $4\frac{1}{2}$
		S	06 44	
	Lanchow	+iP	07 23	
		i \bar{P}	07 41	
		S	08 13	
		S	08 34	
	Sian	eP	07 26	
		\bar{P}	07 42	
		S	08 43	
	Kunming	eP	07 54	
Lhasa	eP	08 59		
8.XII	Kunming	P	06 15 37	Epc: $2^{\circ}\frac{1}{2}S$, $137^{\circ}E$ O: 06-07-35
		S	22 02	
	Peking	eP	16 04	
	Lanchow	P	16 27	
	Lhasa	P	17 04	
	S	24 41		
8.XII	Zose	eP	09 43 33	Epc: $2^{\circ}S$, $159^{\circ}\frac{1}{2}E$ O: 09-36-22 M: 5
		S	49 16	
	Nanking	+P	43 49	
		S	49 49	
	Kunming	+P	44 34	
		S	51 10	
	Sian	P	44 43	
	Chengtu	+iP	44 51	
		S	51 39	
	Peking	eP	44 52	
		S	51 58	
	Changchun	eP	44 55	
		S	51 48	
	Lanchow	+iP	45 19	
		S	52 29	
Lhasa	+iP	46 00		
	S	53 47		
8.XII	Lhasa	+iP	10 20 52	Epc: $30^{\circ}N$, $87^{\circ}E$ O: 10-19-39 M: 5
		i \bar{S}	21 42	
	Chengtu	eP	23 13	
	Lanchow	+P	23 18	
		(S)	26 20	
	Kunming	eP	23 23	
		eS	26 19	
Sian	eP	24 06		
	eS	27 37		

✓ Cont
8.XII

Peking eP 10 25 19
eS 29 51

✓ 9.XII

Changchun eP 02 24 20
S 31 39
Peking +P 25 15
S 33 22
Zose eP 25 46
eS 34 15
Nanking +P 25 49
S 34 21
Sian eP 26 10
Lanchow iP 26 17
S 35 13
Chengtu eP 26 44
S 36 08
Kunming eP 27 14
eS 37 05
Lhasa eS 37 25

Epc: Alaska.
(阿拉斯加)
O: 02-15-14
M: 6

✓ 9.XII

Changchun +iPKP 04 18 32
Peking ePKP 18 45
Lanchow PKP 18 54
PP 23 08
Lhasa ePKP 18 58
ePP 23 19
Chengtu ePKP 18 59
(PP) 23 36

Epc: Peru.
(秘魯)
O: 03-58-57

X 9.XII

Lhasa P 08 35 00
P 35 05
iS 36 11
Kunming eP 35 24
Lanchow iP 36 44

Epc: 25°¹/₂N, 94°E
O: 08-33-(25)

✓ 9.XII

Changchun -PKP1 11 38 07
Zose -PKP1 38 08
Kunming -PKP1 38 09
PKP2 38 54
PE 42 38
Nanking -PKP1 38 09
PP 42 40
Lhasa -PKP1 38 11
PKP2 38 58
PP 42 41
Chengtu -PKP1 38 14
PKP2 39 17
PP 43 07
Sian ePKP1 38 14
Peking -PKP1 38 15
PP 43 23
Lanchow -PKP1 38 16
PP 43 31

Epc: Chile.
(智利)
O: 11-18-07
M: 6¹/₂

✓	9.XII	Zose	eP	20 00 39	Epc: Fiji Is. (菲吉群岛) O: 19-49-39 h: 600km ca.
			iS	09 43	
		Canton	eP	00 48	
			iS	10 01	
		Nanking	eP	00 49	
			iS	10 06	
		Changchun	-iP	01 05	
			iS	10 37	
		Peking	eP	01 21	
			iSKS	10 55	
			iS	11 09	
		Sian	-P	01 32	
			iS	11 31	
		Kunming	+iP	01 37	
		iS	11 35		
	Paotow	eP	01 39		
		iS	11 46		
	Chengtū	eP	01 41		
		iS	11 43		
	Lanchow	-iP	01 52		
		(S)	12 12		
	Lhasa	iSKS	12 08		
		S	13 11		
✗	11.XII	Lhasa	-iP	09 54 00	Epc: 24°N, 94° ¹⁵ ₃₅ E O: 09-52-22
			S	55 14	
		Kunming	P	54 12	
			S	55 41	
		Chengtū	eP	54 54	
			eS	56 50	
		Lanchow	eP	55 44	
	Sian	eP	56 07		
	Peking	eP	57 31		
✗	12.XII	Kunming	eP	04 02 26	Epc: Banda Sea. (班达海) O: 03-55-09
			eS	08 16	
		Chengtū	eP	02 52	
			eS	08 59	
		Sian	eP	03 04	
		Peking	eP	03 29	
		Lanchow	eP	03 30	
			eS	10 11	
	Lhasa	eP	03 52		
		eS	10 50		
✓	12.XII	Zose	+P	17 28 20	Epc: Marians Is. (马利亚纳群岛) O: 17-23-20 M: 4 ⁵ ₄
			S	32 43	
		Nanking	+P	28 41	
		Changchun	+iP	28 59	
			eS	33 28	
		Peking	eP	29 25	
		eS	34 19		

Cent

12.XII	Sian	+P	17 29 58
	Paotow	+P	30 06
	Chengtu	+P	30 27
	Lanchow	iP	30 36
		eS	36 22
	Kunming	eP	30 36
	Lhasa	+P	31 59

12.XII	Changchun	eP	23 09 59	Epc: 44°N, 147°E
		eS	12 51	
	Peking	+P	11 17	h: 60km
		sP	11 37	M: 5
		S	15 19	
		sS	15 50	
	Nanking	eP	11 41	
		isP	12 00	
		S	15 52	
	Paotow	+P	12 00	
		ipP	12 13	
		isP	12 19	
		S	16 32	
	Sian	+P	12 29	
		isP	12 49	
		S	17 25	
	Lanchow	+iP	12 54	
		pP	13 08	
		sP	13 14	
		iS	18 08	
	Canton	eP	13 15	
	Chengtu	+P	13 15	
		ipP	13 29	
		isP	13 36	
		e(S)	18 36	
	Kunming	+P	13 50	
		ipP	14 06	
		isP	14 11	
		S	19 51	
	Lhasa	+P	14 59	
		eS	21 17	

13.XII	Peking	eP	08 44 45	Epc: Ryukyu Is.
		eS	48 03	(琉球群島)
	Lanchow	eP	45 54	O: 08-40-(41)
		eS	50 07	M: 4½
	Kunming	eP	46 00	

14.XII	Canton	-P	07 17 43	Epc: 2°S, 141°E
		eS	23 30	O: 07-10-29
	Zose	eP	17 51	M: 5½
		-P	17 54	
		PP	19 40	
		S	23 47	
	Nanking	eP	18 08	

China

14.XII	Nanking	-iP	07 18 10
		S	24 13
		iS	24 18
	Kunming	+P	18 52
		-P	18 56
		PP	20 23
		eS	25 36
		iS	25 43
	Sian	+iP	19 03
		-iP	19 07
		iS	25 59
	Peking	eP	19 08
		-iP	19 11
		S	26 09
	Chengtū	+P	19 08
		-iP	19 12
		PP	20 26
		iS	26 11
	Changchun	-iP	19 14
		iS	26 14
	Pao ^o ow	-iP	19 37
		iS	26 53
	Lanchow	iP	19 37
		iS	27 02
	Lhasa	+iP	20 16
		iS	28 16

16.XII	Changchun	+iP	13 45 40
		e(S)	51 11
	Peking	eP	46 51
	Lanchow	+iP	48 17
	Kunming	eP	49 24

18.XII	Sian	eP	02 22 48
		S	26 17
	Chengtū	eP	22 39
		S	26 31
	Kunming	eP	23 05
	Peking	P	23 15
	Lanchow	P	23 34
	Pao ^o ow	eP	23 41
		(S)	27 50

Epc: South off Taiwan.
 (台湾之南海中)
 O: 02-18-(33)
 M: 4

18.XII	Zose	-iP	16 43 50
		S	44 53
	Kunming	-iP	43 56
		S	45 06
	Chengtū	-iP	44 21
		S	45 49
	Lanchow	-iP	45 09
		e(S)	47 27
	Sian	P	45 29
		e(S)	48 05

Epc: 26°N, 96°E
 O: 16-42-25

X
 18.XII Canton P 16 46 02
 Paotow -P 46 31
 Nanking -P 46 55
 Peking -iP 47 06
 Zose P 47 14

X
 19.XII Kunming eP 15 47 36
 Chengtu eP 47 58
 Sian P 48 00
 Peking eP 48 22
 Lanchow P 48 34
 S 54 18

Epc: Philippine Is.
 (菲律賓群島)
 O: 15-41-23

X
 19.XII Zose P 17 31 52
 S 33 15
 Nanking eP 32 12
 eS 33 51
 Sian P 33 50
 (S) 36 39
 Peking eP 34 05
 Chengtu eP 34 14
 e(S) 37 22
 Kunming eP 34 20
 eS 37 46
 Paotow eP 34 38
 eS 38 14
 Lanchow +iP 34 43
 eS 38 26
 Changchun eP 34 50
 eS 38 40
 Lhasa eP 36 07

Epc: 24°N, 122° $\frac{3}{4}$ E
 O: 17-30-03
 M: 4 $\frac{1}{2}$

✓
 20.XII Changchun PKP 13 44 21
 PP 46 23
 Peking PKP 44 32
 pPKP 45 18
 PP 46 55
 Paotow PKP 44 34
 pPKP 45 21
 PP 47 02
 Lanchow PKP 44 34
 Zose PKP 44 37
 pPKP 45 17
 Nanking ePKP 44 37
 pPKP 45 19
 ePP 47 31
 Sian PKP 44 40
 pPKP 45 20
 PP 47 36
 Lhasa PKP 44 48
 pPKP 45 28
 PP 48 07

Epc: Central America.
 (中美洲)
 O: 13-25-36
 h: 160km

Date	Location	Station	Time	Epc
20. XII	Chengtu	-iPKP	13 44 51	Epc: Mariane Is. (馬利亞納群島) O: 22-46-25
		pPKP	45 32	
		PP	48 13	
		PKP	45 02	
		pPKP	45 51	
		PP	48 43	
		PKP	45 03	
		pPKP	45 51	
		PP	48 45	
		22. XII	Zose	
Nanking	S		56 00	
Chengtu	eP		52 04	
Kunming	S		56 35	
Lanchow	eP		53 43	
Lhasa	S		59 33	
	eP		53 51	
	S		59 47	
	eP		53 52	
	eP		55 15	
22. XII	Zose	eP	23 47 04	Epc: 15°N, 122°E O: 23-43-17
	Nanking	eP	47 21	
	Kunming	eP	47 55	
	Sian	eS	51 40	
	Chengtu	eP	48 15	
	Peking	eS	52 11	
	Lanchow	S	52 08	
		eP	48 47	
		eS	53 12	
		P	48 55	
	eS	53 15		
23. XII	Zose	eP	12 45 56	Epc: 24°N, 124°E O: 12-43-54
	Peking	eS	47 29	
	Sian	eP	47 56	
	Chengtu	eP	47 57	
	Kunming	eP	48 25	
	Lanchow	eS	51 57	
		eP	48 34	
	+P	48 45		
24. XII	Zose	+iP	02 47 34	Epc: 4°S, 141°E O: 02-41-03 M: 5
	Nanking	S	53 35	
	Kunming	+iP	47 49	
	Chengtu	eS	54 05	
	Peking	P	48 32	
	Changchun	eS	55 21	
		+P	48 49	
		eS	55 51	
		+P	48 51	
		eS	55 54	
	+iP	48 54		

Sent

24.XII Changchun eS 02 56 02
 Paotow +P 49 15
 eS 56 37
 Lanchow +P 49 16
 Lhasa +P 49 57

24.XII Changchun -iP 06 54 04
 iS 57 27
 Peking -P 55 31
 iS 59 19
 Zose eP 55 41
 eS 59 35
 Nanking eP 55 49
 eS 59 48
 Paotow eP 56 14
 S 07 00 34
 Lanchow P 06 57 07
 eS 07 02 12
 Chengtu eP 06 57 28
 S 07 02 45
 Kunming eP 06 53 06
 S 07 03 51

Epc: Hokkaido.
 (日本北海道)
 O: 06-50-50
 h: Deep focus?

24.XII Lhasa +iP 07 15 39
 (S) 17 13
 Kunming eP 18 00
 iS 21 42
 Chengtu +P 18 01
 S 21 44
 Lanchow +P 18 03
 iS 21 49
 Paotow eP 19 05
 S 23 40
 Peking P 19 43
 eS 24 54
 Zose eP 20 17
 e(S) 25 51
 Changchun P 20 45

Epc: 29°¹/₂N, 80°¹/₂E
 O: 17-13-20
 M: 5

25.XII Canton +P 08 07 10
 eS 12 05
 Zose eP 07 54
 eS 13 27
 Nanking P 03 06
 eS 13 46
 Kunming +iP 08 15
 S 14 07
 Chengtu +iP 08 42
 S 14 51
 Sian +P 08 48
 Peking +P 09 13
 eS 15 49
 Lanchow iP 09 19
 iS 15 59

Epc: Banda Sea.
 (班达海)
 O: 08-01-00
 h: Deep focus?

X 25.XII Paotow eP 08 09 31
 Changchun eP 09 34
 Lhasa +iP 09 42
 S 16 40

25.XII Kunming P 09 16 23 Epc: Banda Sea.
 S 22 21 (班达海)
 Chengtu +P 16 50 O: 09-09-00
 (S) 23 01
 Sian +P 16 56
 e(S) 23 14
 Peking eP 17 20
 Lanchow +iP 17 27
 Paotow eP 17 35
 Lhasa +iP 17 50

X 25.XII Lhasa P 11 19 57
 S 20 33
 Kunming eP 21 59
 Lanchow eP 22 34

✓ 25.XII Zose eP 14 07 50 Epc: Tonga Is.
 S 18 12 (东加群岛)
 Nanking -P 08 01 O: 13-55-23
 eS 18 29
 Canton -P 08 03
 e(S) 18 27
 Changchun -P 08 05
 Peking -P 08 29
 eS 19 25
 Sian -P 08 42
 eS 19 50
 Paotow eP 08 49
 Kunming -P 08 50
 Chengtu eP 08 54
 Lanchow P 09 03

X 25.XII Lanchow eP 21 55 41 Epc: South-Western Sinkiang.
 eS 59 36 (新疆之西南)
 Chengtu eP 56 06 O: 21-50-48
 eS 22 00 22
 Paotow eP 21 56 19
 (S) 22 00 53
 Sian eP 21 56 26
 (S) 22 01 06
 Kunming e(S) 01 14

✓ 26.XII Canton +iP 04 30 13 Epc: 5°S, 111°E
 +ipP 31 41 O: 04-24-58
 iS 34 25 h: 550km
 sS 37 04 M: 6
 iCoS 39 54

Cont

26.XII	Kunming	+iP	04 30 40
		-ipP	34 10
		iS	35 12
	Chengtu	+iP	31 20
		+pP	33 01
		iS	36 25
	Zose	+iP	31 30
		pP	33 06
		PP	33 19
		iS	36 45
		iScS	40 59
	Nanking	+iP	31 34
		+ipP	33 09
		+PP	33 18
		iS	36 51
	Sian	+iP	31 45
		+iPP	33 30
		iS	36 10
	Lhasa	+iP	31 47
		pP	33 24
		iS	37 14
	Lanchow	+iP	32 04
		PP	33 57
		iS	37 45
	Peking	+iP	32 31
		+pP	34 09
		iS	38 34
		iScS	41 27
	Paotow	+iP	32 34
		+pP	34 19
		iS	38 40
		iScS	41 30
	Changohun	+iP	33 08
		+ipP	34 51
		+iPP	35 12
		iS	39 45
		iScS	42 02
		isS	43 00

26.XII	Kunming	eP	06 40 33
		iS	45 06
	Chengtu	eP	41 12
		iS	47 18
	Zose	+P	41 24
		S	46 38
	Nanking	+iP	41 27
		(S)	46 47
	Sian	+iP	41 39
		S	47 05
	Lhasa	P	41 40
		iS	47 06
	Lanchow	+iP	41 58
		iS	47 38
	Peking	eP	42 24

Epc: $5^{\circ}\frac{1}{2}S$, $111^{\circ}E$
 O: 06-34-53
 h: 550km

Date	Station	Code	Time	Epc
26.XII	Peking	eS	06 48 28	Epc: New Zealand. (新西兰) O: 23-48-(16)
	Changchun	eP	45 02	
		epP	44 44	
27.XII	Canton	iP	00 00 44	Epc: Santa Cruz Is. (聖大克羅茲群島) O: 23-55-54
	Zose	-iP	00 54	
	Nanking	P	01 04	
		iPP	04 41	
	Kunming	-P	01 26	
		PP	05 11	
		iSKS	11 59	
	Changchun	-P	01 32	
		iPP	05 20	
		SKS	12 06	
	Peking	ePP	05 29	
		iSKS	12 11	
	Chengtu	PP	05 32	
		iSKS	12 10	
	Sian	PP	05 48	
	iSKS	12 12		
Lanchow	(P)	02 08		
Lhasa	eP	02 16		
28.XII	Zose	-P	00 06 05	Epc: Aleutian Is. (阿留申群島) O: 00-39-16 M: 6 $\frac{1}{2}$
		iS	14 20	
	Nanking	-iP	06 21	
		iS	14 49	
	Changchun	-iP	06 46	
		eS	15 31	
	Peking	-P	07 02	
		S	16 06	
	Sian	-iP	07 13	
		(S)	16 27	
	Kunming	-iP	07 18	
	Chengtu	-P	07 22	
		iS	16 46	
Paotow	-P	07 27		
	e(S)	16 54		
Lanchow	iP	07 37		
	S	17 13		
30.XII	Changchun	-P	00 46 17	Epc: Aleutian Is. (阿留申群島) O: 00-39-16 M: 6 $\frac{1}{2}$
		iS	51 53	
	Peking	eP	47 23	
		iS	53 54	
	Zose	eP	47 41	
		S	54 27	
	Paotow	-P	47 52	
		iS	54 45	
	Nanking	-P	47 53	
		iS	54 48	
Sian	-iP	48 27		
Lanchow	P	48 41		
	S	56 13		

Cont
 30.XII Chengtu -P 00 49 06
 iS 56 59
 Canton -P 49 06
 iS 57 01
 Kunming eP 49 41
 S 58 07
 Lhasa eP 50 07
 S 58 54

30.XII Lhasa eP 07 12 07 Epc: 40°N, 77°E
 S 15 01 O: 07-08-26
 Lanchow iP 13 16 M: 5
 iS 17 09
 Chengtu -P 13 42
 iS 17 56
 Paotow -iP 13 55
 eS 18 21
 Sian -P 14 03
 eS 18 33
 Kunming -P 14 04
 eS 18 36
 Peking eP 14 38
 eS 19 35

30.XII Peking P 13 49 54 Epc: Aleutian Is.
 e(S) 56 16 (阿留申群岛)
 Paotow P 50 22 O: 16-41-(16)
 eS 57 06
 Lanchow eP 51 09

31.XII Canton iS 13 55 33 Epc: 30½°N, 127°E
 Zose eS 56 48 O: 13-46-03
 Nanking eS 57 11
 Kunming -P 52 30
 eS 57 40
 Chengtu eP 52 54
 iS 58 23
 Sian -iP 52 59
 S 58 32
 Peking eP 53 21
 S 59 11
 Lanchow iP 53 32
 S 59 29
 Paotow eP 53 41
 S 59 46
 Changchun eP 53 41
 eS 59 48

Given by
 S. P. Lee (Chief)
 S. J. Mei