

Jan - Feb - March
Revised
R.D.
3/may/66.

Instrument Constants
for
main stations

Comp.	T ₁ , sec	T ₂ , sec	D ₁	D ₂	σ ²	V ₀
H	12.5±	1.0-1.2	0.45±	6 - 5	<0.1	1200-1700
Z	12.5±	1.0-1.2	0.5-0.6	6 - 5	0.3±	700-900

Geographic positions of our main stations

Stations	Abbreviation	λ, E	φ, N
Peking (北京 白家垓)	PK	116°10' .5	40°02' .4
Canton (廣州)	CT	113°20' .6	23°05' .5
Changchun (長春)	CC	125°18' .8	43°49' .8
Chengtu (成都)	CU	104°00' .7	30°30' .6
Kunming (昆明)	KM	102°44' .4	25°07' .4
Lenchow (營口 劉家堡)	LC	103°50' .0	36°03' .0
Lhasa (拉薩)	LS	91°02' .2	29°38' .2
Nanking (南京)	NK	118°47' .0	32°03' .8
Paochow (包頭)	PT	110°02' .0	40°34' .7
1961 Dec. moved to			
Sian (西安)	SA	108°55' .2	34°14' .9
Zose (余山)	ZS	121°11' .2	31°05' .8

PRELIMINARY SEISMOLOGICAL REPORT
OF
GENERAL STATION, PEKING, AND AUXILIARY STATIONS

1 - 31, January 1962

1.I Epc: $52^{\circ}W$, $178^{\circ}E$
O: 02-41-04, M: 5

Peking	eP	02 49 08
	S	55 35
Zose	eP	49 29
	e(S)	56 17
Paotow	eP	49 35
	S	56 24
Nanking	P	49 36
Sian	P	50 11
Lanchow	P	50 25
	S	57 56
Chengtu	eP	50 51
	eS	58 43
Kunming	eP	51 24
	S	59 59
Lhasa	eP	51(50)
	eS	03 00 35

2.I ~~Paotow~~ (~~eP~~) 09 10 38

	eS	11 10
Lanchow	P	11 01
	S	11 54
Sian	e(P)	11 34
	e(S)	12 43
Peking	e(P)	12 00
	iS	13 37

3.I Epc: $51^{\circ}N$, $179^{\circ}W$
O: 17-52-56

Peking	eP	18 01 03
	eS	07 33
Zose	eP	01 25
	S	08 16
Paotow	eP	01 51
	S	08 23
Nanking	eP	01 31
Sian	eP	02 06
Lanchow	+iP	02 21
	eS	00 50
Chengtu	eP	02 46
Kunming	eP	03 20
Lhasa	eP	03 45

1.I Epc: $52^{\circ}N$, $178^{\circ}E$
O: 23-40-19, M: $5\frac{1}{2}$

Peking	-P	23 43 20
	PP	50 05
	S	54 44
Zose	eP	48 46
	S	55 32
Paotow	eP	48 48
	eS	55 35
Nanking	eS	55 37
Lanchow	-P	49 38
	iS	57 09
Chengtu	P	50 06
	S	57 57
Kunming	P	50 38
	eS	58 59
Lhasa	P	51 02
	eS	59 46

4.I Epc: $33^{\circ}N$, $135^{\circ}E$
O: 04-35-42, M: 6

Zose	-P	04 38 34
	S	40 47
Changchun	eP	38 50
Nanking	-iP	38 58
	iS	41 35
Peking	-iP	39 33
	S	42 38
Paotow	-iP	40 26
	i(S)	44 30
Canton	-iP	40 33
	eS	44 30
Sian	-iP	40 33
	(eS)	44 36

2.I ~~Epc: $39^{\circ}N$, $107^{\circ}E$~~
~~O: 09-09-49, M: $3\frac{1}{2}$~~

4.I Lanchow -iP 04 41 11
 S 45 45
 Chengtu -P 41 16
 i(S) 45 59
 i(S) 46 02
 Kunming -P 41 43
 PP 42 58
 eS 46 36
 Lhasa -iP 42 56
 iPP 44 22
 eS 48 46

5.I Sian S 08 32 04
 Pactow eP 21 11
 iS 32 03
 Chengtu eSKS 31 45
 iS 32 26
 Kunming SKS 31 58
 iS 32 27
 Lanchow eP 21 25
 S 32 42

4.I Epc: 23°¹¹N, 123°E
 O: 21-24-33, M: 4¹/₂

Zose eP 21 26 28
 eS 27 39
 Nanking eP 26 50
 Peking eP 28 43
 Pactow eP 29 17
 (eS) 32 55
 Lanchow P 29 26

5.I Epc: 3°S, 99°E
 O: 14-01-23, M: 5

Kunming eP 14 07 24
 eS 12 16
 Lhasa +P 08 12
 eS 13 38
 Lanchow +P 08 59
 S 15 04
 Nanking eP 09 02
 eS 15 05
 Zose eP 09 06
 eS 15 16
 Pactow eP 09 44
 Peking eP 09 52
 eS 16 39
 Changchun P 10 42
 eS 18 12

5.I Epc: Fiji Is.
 (斐濟群島)
 O: 00-23-42

Nanking eS 00 45 11
 Canton eS 45 29
 Changchun iS 45 33
 Peking eP 35 53
 Sian eP 36 14
 Pactow eS 46 52
 Kunming S 47 08
 Chengtu iP 36 27
 iS 47 11
 Lanchow eP 36 38
 eS 47 30

7.I Epc: 43°¹¹N, 16°¹¹E
 O: 10-03-07, M: 6

Lhasa eP 10 13 15
 eS 21 24
 Lanchow +P 13 49
 S 22 23
 Chengtu eP 14 10
 eS 23 09
 Sian eP 14 17
 Peking P 14 21
 eS 23 30
 Kunming eP 14 26
 eS 23 40
 Changchun +iP 14 37
 eS 24 00

5.I Epc: Tonga Is.
 (東加群島)
 O: 08-07-58

Nanking S 08 30 36
 Changchun S 30 42
 Peking eP 20 48
 S 31 28
 Sian eP 21 06

8.I Lanchow PKP 01 19 21
 PP 21 16
 SKS 26 09

8.I

Lanchow	SKKS	01	28	12
Lhasa	ePKP		19	31
	iPP		22	51
Chengtu	ePKP		19	34
	iPP		22	56
	SKS		26	44
Kunming	ePKP		19	46
	iPP		23	14
	SKS		26	53

9.I

Kunming	ipP	12	48	24
	S		54	05
	isS		54	25
Lhasa	+P		49	00
	(eS)		55	33
	SS		58	53

8.I Epc: (36°^{30'}N, 70°^{15'}E)
 O: 22-25-12
 h: Deep focus.

Lhasa	+iP	22	29	15
	S		32	31
Lanchow	P		30	33
Chengtu	eP		30	47
Pactow	eP		31	11
Sian	eP		31	13
Peking	eP		31	52

9.I Epc: Okhotsk Sea.
 (鄂霍茨克海)
 O: 22-13-49
 h: Deep focus.

Changchun	-iP	22	17	09
	S		19	53
Peking	eP		18	28
Pactow	eP		19	01
Sian	-iP		19	38
Lanchow	-P		20	00
Chengtu	iP		20	25
	S		25	36
Kunming	-P		21	02
Lhasa	-P		21	40
	eS		27	56

9.I Epc: 42°^{00'}N, 145°^{00'}E
 O: 12-40-49
 M: 6, h: 30km

Changchun	+iP	12	44	11
	iS		46	49
Peking	+iP		45	36
	epP		45	51
	S		49	30
Zose	+P		45	43
	(sP)		45	58
	S		49	39
Nanking	eP		45	54
	ipP		46	08
	eS		50	05
Sian	+iP		46	50
Canton	+P		47	21
	ipP		47	33
Lanchow	+iP		47	16
	pP		47	23
	sP		47	28
	iS		52	24
Chengtu	iP		47	35
	ipP		47	47
	S		52	57
	sS		53	19
Kunming	+iP		48	12

11.I Epc: 20°^{00'}N, 85°^{00'}E
 O: 03-01-27, M: 5

Lhasa	+P _n	05	02	55
	P		02	18
	S _n		04	02
Kunming	+P		06	15
	S		08	12
Chengtu	+P		05	25
	eS		08	30
Lanchow	+P		05	38
	S		08	55
Sian	+iP		06	17
Pactow	+iP		06	45
Peking	+P		07	25
	eS		12	12
Nanking	+P		07	35
Zose	eP		07	53
	S		13	02
Changchun	+iP		03	31

11.I Epc: 43°^{00'}N, 17°^{00'}E
 O: 05-05-00, M: 6
 Lhasa +P 05 15 05

11.I Lhasa S 05 23 12
iScS 24 53
Lanchow +iP 15 38
S 24 17
Paotow +P 15 46
S 24 30
Chengtū +P 15 59
iS 24 57
Sian +iP 16 07
S 25 12
Peking P 16 12
S 25 29
ScS 26 17
Kunming +P 16 16
iS 25 26
ScS 26 20
Changchun +iP 16 27
eS 25 46
Nanking eP 16 52
eS 26 38
Zose +P 17 03
S 26 57
Santon +P 17 07
S 27 02

12.I O: 08-50-25
Zose -P 08 55 42
PP 56 18
Nanking eP 56 07
Changchun P 56 24
(S) 09 01 16
Paotow P 08 57 29
S 09 03 08
Lanchow eP 08 57 59
Lhasa eP 59 22
e(S) 09 06 31

12.I Epc: Aleutian Is.
(阿留申群島)
O: 10-54-59, M: 5

Peking +P 11 02 59
S 09 24
Zose +P 03 22
eS 10 06
Paotow +P 03 27
S 10 14
Nanking eP 03 28
S 10 17
Lanchow eP 04 18
S 11 50
Chengtū eP 04 42
S 12 34
Kunming eP 05 18
eS 13 39
Lhasa eP 05 43
(S) 15 28

11.I Epc: Aleutian Is.
(阿留申群島)
O: 06-49-03, M: 5

Changchun +P 06 56 18
PP 57 47
e(S) 07 02 04
Peking P 06 57 23
eS 07 04 02
Zose +P 06 57 43
eS 07 04 37
Nanking eP 06 57 49
e(S) 07 04 49
Paotow P 06 57 49
S 07 04 50
Sian +P 06 58 24
Lanchow +iP 58 38
Chengtū eP 59 03
Kunming eP 59 55
eS 07 08 07
Lhasa +P 00 02
eS 08 58

12.I Epc: Hokkaido Japan.
(日本北海道)
O: 13-37-50

Changchun +P 13 41 15
e(S) 43 52
Peking eP 42 41
eS 46 36
Zose eS 46 43
Lanchow -iP 44 23
Lhasa eP 46 11

12.I Epc: Mariana Is.
(馬利亞納群島)

13.I Peking eP 04 56 34
Zose +P 56 57
Paotow P 57 01

13.I

Nanking	+P	57 02
Sian	eP	57 38
Lanchow	+iP	57 52
Chengtū	eP	58 18
Kunming	eP	58 50
Lhasa	eP	59 17

13.I Epc: 2°¹/₂N, 125°E
O: 09-18-20, M: 4²/₄

Canton	P	08 23 28
	S	27 37
Kunming	eP	24 39
	S	29 44
Chengtū	eS	30 30
Sian	eP	25 13
	S	30 44
Lanchow	iP	25 43
	eS	31 39
Lhasa	eP	26 11
	eS	32 30

14.I Epc: 42°¹/₂N, 140°E
O: 13-34-10, h: 160km ca.

Changchun	+iP	13 36 43
	sP	37 12
	S	38 44
Peking	+P	38 10
	isP	39 19
	S	41 28
Zose	eP	38 28
	S	42 01
Nanking	+P	38 35
	eS	42 13
Paotow	P	38 55
	S	42 48
Sian	eP	39 26
	eS	43 43
Lanchow	iP	39 51
	iS	44 24
Chengtū	iS	45 05
Kunming	"	40 52
	iS	46 13
Lhasa	eP	41 38
	eS	47 37

16.I Epc: Kermadec Is.
(克馬德克群島)

16.I O: 11-3E-38
M: 6, h: 100km

Zose	eP	11 48 11
	-P	48 15
	pP	48 38
	e(SKS)	58 32
	(S)	58 50
Canton	eP	48 13
	-iP	48 19
	epP	48 39
	S	58 39
Nanking	+P	48 22
	-iP	48 27
	pP	48 49
	S	58 58
Changchun	P	48 40
	-P	48 45
	pP	49 07
	S	59 32
Peking	eP	48 53
	-P	48 59
	pP	49 20
	SKS	59 21
	S	59 59
Kunming	eP	48 59
	-P	49 02
	pP	49 25
	SKS	59 30
	S	12 00 08
Sian	+P	11 49 00
	-P	49 04
	pP	49 27
	S	12 00 16
Chengtū	eP	11 49 05
	-P	49 09
	pP	49 32
	SKS	59 37
	S	12 00 22
Lanchow	P	49 21

17.I

Canton	P	13 26 22
Zose	eP	27 04
Kunming	+P	27 14
Nanking	+P	27 16
Chengtū	+P	27 42
Sian	+P	27 52
Peking	eP	28 19
Lanchow	iP	28 21
Paotow	eP	28 33

~~17.I~~ Lhasa P 13 28 35

17.I Epc: $40^{\circ}12'N$, $127^{\circ}01'E$
O: 15-29-18

Canton	eP	15	34	24
	eS		38	29
Zose	eP		35	07
	eS		39	45
Nanking	eP		35	17
Kunming	eP		35	40
	PP		36	46
	S		40	46
Chengtu	eP		36	04
	e(S)		41	27
Sian	eP		36	10
Peking	P		36	31
	eS		42	20
Lanchow	eP		36	40
Paotow	eP		36	51
	S		42	55
Changchun	P		36	52
	eS		42	53
Lhasa	eP		37	15
	eS		43	37

17.I Epc: After Shock.
(余震)
O: 15-43-16

Canton	eP	15	48	26
Zose	eP		49	06
	(S)		53	46
Nanking	eP		49	23
Sian	eP		50	06
Kunming	eP		50	09
Peking	eP		50	27
Changchun	eP		50	53
	eS		57	01

~~17.I~~ Epc: $40^{\circ}12'N$, $107^{\circ}11'E$
O: 20-53-53, M: 4

Paotow	eP _N	20	54	34.5
	P		54	37.5
	S _N		55	03
	iS		55	06.5
Lanchow	eP _N		55	08

~~17.I~~ Lanchow P 20 55 26
S_N 56 06
iS 56 26
Sian P 55 53
S 57 12
Peking e 56 02
e(S) 57 30

~~18.I~~ Epc: $50^{\circ}13'S$, $154^{\circ}0'E$
O: 15-53-42, h: 50km ca.

Zose	+P	16	02	20
	epP		02	34
Nanking	+iP		02	38
	pP		02	54
	eS		09	45
Changchun	+P		03	16
Peking	eP		03	27
	eS		11	18
Sian	+iP		03	35
Kunming	eP		03	38
	epP		03	53
	eS		11	41
Chengtu	+P		03	46
	epP		04	00
	eS		11	53
Paotow	eP		03	55
Lanchow	+iP		04	06
	pP		04	18
	S		12	30
Lhasa	+P		04	53
	pP		06	16
	eS		14	01

~~18.I~~ Epc: After Shock.
(余震)
O: 15-56-27, h: 50km ca.

Zose	+P	16	05	05
Nanking	eP		05	23
	eS		12	30
Changchun	+P		06	01
Peking	eP		06	12
Sian	+iP		06	21
Kunming	eP		06	24
Chengtu	+P		06	32
Paotow	eP		06	40
Lanchow	iP		06	51
	pP		07	04

~~18.I~~ Lanchow S 16 15 15
 Lhasa +P 07 38

~~19.I~~ Epc: $31^{\circ}\frac{1}{2}N$, $104^{\circ}\frac{1}{2}E$
 O: 05-36-59

Chengtu eP_n 05 37 20
 iP 37 22
 iS 37 35
 Lanchow P_n 38 04
 P 38 19
 S_n 38 53
 S 39 11
 Sian eP 38 23
 S 39 19

~~19.I~~ Epc: $10^{\circ}N$, $123^{\circ}\frac{1}{4}E$
 O: 20-43-13, h: 60km ca.

Zose eP 20 48 00
 (sP) 48 19
 eS 51 51
 (sS) 52 10
 Nanking eP 48 13
 S 52 13
 i(sS) 52 36
 Kunming P 48 34
 S 52 54
 sS 53 07
 Chengtu eP 48 56
 Peking eP 49 29
 eS 54 22
 Lanchow P 49 35

~~22.I~~ Epc: $52^{\circ}N$, $99^{\circ}E$
 O: 07-26-36, M: $5\frac{1}{4}$

Pactow eP 07 29 54
 eS 32 30
 Lanchow +P 30 32
 Peking eP 30 35
 eS 33 44
 Changchun +iP 31 05
 S 34 38
 Sian +P 31 05
 eS 34 40
 Chengtu P 31 34
 eS 35 35

~~22.I~~ Lhasa +P 07 31 55
 eS 36 15
 Nanking P 32 01
 Kunming eP 32 28

~~22.I~~ Epc: $31^{\circ}N$, $80^{\circ}\frac{1}{2}E$
 O: 20-22-15, M: $4\frac{1}{4}$

Lhasa eP 20 24 34
 eS 26 17
 Lanchow -P 26 52
 Chengtu -P 26 54
 S 30 41
 Kunming eP 26 56
 eS 30 45
 Pactow eP 27 29
 Sian +P 27 35
 Peking eP 28 30

~~24.I~~ Epc: New Hebrides Is.
 (新赫布星底群島)
 O: 04-46-25

Peking P 04 57 47
 Sian eP 57 50
 Kunming +P 57 59
 iS 05 07 29
 Chengtu eP 04 58 06
 eS 05 07 42
 Pactow eP 04 58 13
 Lanchow eP 58 22
 Lhasa eP 58 59
 e(S) 05 09 24

~~24.I~~ Epc: $25^{\circ}N$, $121^{\circ}\frac{1}{2}E$
 O: 15-39-51
 M: $5\frac{1}{2}$, h: 70km ca.

Zose P 15 41 22
 iS 42 31
 Nanking eP 41 42
 eS 43 08
 Canton -P 41 45
 eS 43 14
 Sian +iP 43 18
 Peking eP 43 34
 sP 43 57
 S 46 30

24.I ~~Chengt~~

eP	15 43 41
sP	44 04
eS	46 42
Kunming P	43 49
esP	44 12
eS	46 57
Paotow eP	44 06
eS	47 25
Lanchow -iP	44 11
eS	47 41

26.I ~~Lhasa~~

+P	08 27 24
S	35 17
Lanchow +iP	28 11
S	36 44
Paotow +P	28 27
S	37 16
Chengt +iP	23 28
iS	37 16
Kunming +iP	28 39
iS	37 37
Sian +iP	28 41
iS	37 43
Peking +iP	28 54
S	38 08
Nanking +P	29 28
Canton eP	29 35
eS	39 27
Zose eP	29 38
eS	39 35

25.I ~~Zose~~

+P	01 59 59
Nanking eP	02 00 14
Peking eP	00 58
Chengt eP	01 14
Paotow eP	01 19
Lanchow P	01 29

26.I Epc: $31^{\circ}\frac{1}{2}N$, $138^{\circ}\frac{1}{2}E$
 O: 05-22-48
 M: 5, h: 350km

Zose P	05 26 02
S	28 38
Nanking -P	26 23
iS	29 18
Peking -iP	26 53
sP	28 25
iS	30 14
Paotow -P	27 39
pP	28 40
S	31 32
Sian -iP	27 42
pP	28 45
sP	29 24
S	31 40
Lanchow P	28 19
S	32 40
Chengt -P	28 21
pP	29 29
sP	30 08
S	32 46
Kunming S	33 31
Lhasa -P	29 59
S	35 41
iSes	39 26

28.I Epc: $18^{\circ}S$, $171^{\circ}W$
 O: 05-40-03, M: $5\frac{1}{4}$

Zose eP	05 52 19
eS	06 02 25
Nanking +P	05 52 32
Changchun iP	52 35
PP	55 58
S	06 02 58
Canton +P	05 52 36
eS	06 02 48
Peking +iP	05 52 57
eSKS	06 03 23
iS	03 41
Sian +P	05 53 13
eS	06 04 04
Paotow +P	05 53 19
eSKS	06 03 53
S	04 26
Kunming +iP	05 53 23
S	06 04 35
Chengt +P	05 53 25
eSKS	06 03 58
S	04 39
Lanchow +iP	05 53 33
Lhasa eP	54 14

26.I Epc: $35^{\circ}\frac{1}{2}N$, $22^{\circ}\frac{1}{2}E$
 O: 08-17-37, M: $5\frac{1}{2}$

28.I Epc: $\frac{1}{2}^{\circ}N$, $124^{\circ}E$
 O: 16-41-11
 Canton eP 16 46 34

28.I Zose eP 16 47 26
 Nanking eP 47 36
 Chengtu +P 48 03
 PP 49 33
 eS 53 42
 Sian +iP 48 16
 Peking eP 48 46
 Lanchow iP 48 46
 eS 54 51
 Paotow eP 49 02
 Lhasa +iP 49 08
 eS 55 27
 Changchun eP 49 10

30.I Epc: 21°¹¹N, 144°⁰³E
 O: 15-22-50, h: 130km

Zose -iP 15 27 45
 sP 28 20
 S 31 51
 Nanking S 32 13
 Changchun P 28 27
 pP 28 55
 sP 29 12
 eS 33 00
 Peking P 28 53
 Sian eP 29 21
 Paotow -P 29 33
 Chengtu -P 29 52
 sP 30 34
 Lanchow -P 30 00
 sP 30 43
 eS 35 43
 Kunming -P 30 02
 sP 31 45
 Lhasa -P 31 24
 sP 32 08
 eS 39 11

30.I Lhasa eS 17 31 38

31.I Epc: 38°¹¹N, 70°E
 O: 00-05-50, M: 4¹/₂

Lhasa eP 00 10 20
 eS 13 57
 Lanchow +iP 11 34
 Chengtu eP 11 53
 Kunming +P 12 08
 Paotow eP 12 09
 Peking eP 12 49
 e(S) 18 26
 Nanking eP 13 28
 Changchun eP 13 38
 Zose eP 13 46

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1962, V, 5.

30.I Epc: North off New Siberian Is.
 (新西伯利亚群岛以北海中)
 O: 17-15-25

Changchun P 17 22 22
 Peking -P 22 56
 Lanchow iP 23 34
 Sian +P 23 46
 Chengtu eP 24 16
 Lhasa eP 24 36

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

1 - 28, February 1962

1.II Epc: Kermadec Is.
(克馬德克群島)
O: 00-39-46

Zose	SKS	01 03 00
Nanking	eP	00 52 45
	SKS	01 03 14
	(S)	03 27
Peking	eP	00 53 15
	SKS	01 03 49
	iS	04 32
Kunming	eP	00 53 20
	SKS	01 03 56
	iS	04 33
Sian	+P	00 53 23
	iSKS	01 03 59
	iS	04 45
Chengtu	eP	00 53 29
	SKS	01 04 05
	S	04 53
Paotow	SKS	04 11
	iS	05 06
Lanchow	eP	00 53 42
	SKS	01 04 21
Lhasa	SKS	04 54
	S	06 14

2.II Chengtu eP 17 27 23
e(pP) 27 36
eS 33 08
Kunming P 27 58
(pP) 28 11
S 34 13
Lhasa eP 28 46

3.II Epc: 1⁰₃₃S, 137⁰_{3E}
O: 00-37-55, M: 6

Canton	+P	00 44 38
	S	49 59
Zose	P	44 56
	iS	50 28
Nanking	+P	45 13
	iS	51 01
Kunming	+iP	45 54
	iS	52 17
Sian	+iP	46 06
	S	52 39
Chengtu	iP	46 12
	iS	52 49
Peking	+P	46 15
	iS	52 56
Changchun	eP	46 21
	iS	53 03
Paotow	+P	46 41
	iS	53 42
Lanchow	+iP	46 42
	iS	53 43
Lhasa	+iP	47 22
	iS	54 57

2.II Epc: 44⁰_{3N}, 149⁰_E
O: 17-20-10
h: 40 km ca M: 5

Changchun	eP	17 24 04
Peking	+P	25 28
	(pP)	25 37
	eS	29 47
Zose	+P	25 35
	eS	30 01
Nanking	-P	25 48
	e(pP)	25 56
	e(S)	30 20
Paotow	eP	26 09
	eS	30 57
Sian	P	26 38
Lanchow	+iP	27 03
	eS	32 29

4.II Epc: Sulawesi,
(蘇拉威西)
O: 02-54-34, M: 5

Kunming	eP	03 01 18
	eS	06 40
Zose	eP	01 36
Nanking	eP	01 45
Chengtu	eP	01 54

4.II Sian eP 03 02 11
 Lanchow P 02 35
 Lhasa eP 02 40
 Peking P 02 49
 Changchun eP 03 19

6.II Zose P 01 57 55
 S 59 35
 Nanking eP 58 24
 eS 02 00 23
 Changchun P 01 59 30
 eS 02 02 17
 Peking eP 01 59 35
 eS 02 02 36
 Sian eP 00 13
 eS 03 42
 Paotow eP 00 27
 S 04 20
 Chengtu eP 00 55
 S 04 59
 Lanchow eP 00 59
 S 05 12
 Kunming eP 01 15

5.II Epc: $27^{\circ}\frac{1}{2}N$, $90^{\circ}\frac{3}{4}E$
 O: 20-52-56, M: 4
 Kunming eP 20 54 02
 S 54 55
 Chengtu eP 54 21
 iS 55 26
 Lanchow eP 55 11

5.II Epc: $35^{\circ}\frac{1}{2}N$, $140^{\circ}E$
 O: 22-55-47
 h: 140km, M: 5

Changchun eP 22 58 56
 sP 59 32
 S 23 01 25
 Zose +iP 22 59 28
 sP 23 00 05
 S 02 23
 Nanking +P 22 59 45
 sP 23 00 28
 eS 02 53
 Peking +iP 22 59 58
 sP 23 00 41
 iS 03 21
 isS 04 09
 Sian +iP 01 02
 Canton +P 01 11
 eS 05 30
 sS 06 26
 Lanchow +iP 01 35
 sP 02 19
 eS 06 11
 Chengtu P 01 45
 eS 06 33
 Kunming +iP 02 14
 eS 07 21
 Lhasa +iP 03 21

6.II After Shock.
 O: 03-31-(12), M: 4
 Zose eS 03 34 53
 Changchun eP 34 47
 Peking eP 34 55
 Sian eP 35 36
 Paotow eP 35 45
 Lanchow e(S) 39 35
 eP 36 16

7.II Epc: $37^{\circ}\frac{3}{4}N$, $97^{\circ}\frac{1}{4}E$
 O: 03-22-31, M: 4
 Lanchow P₁ 03 23 59
 P 24 25
 S_n 25 06
 S 25 40
 Lhasa (eP) 24 54
 (eS) 26 49
 Paotow eP 25 04
 Sian (eS) 58 00

8.II Epc: $3^{\circ}\frac{1}{2}S$, $142^{\circ}E$
 O: 11-49-04, M: $5\frac{3}{4}$
 Canton P 11 56 25
 S 12 02 18
 Zose P 11 56 36

6.II Epc: $29^{\circ}N$, $130^{\circ}E$
 O: 01-55-50, M: $4\frac{1}{2}$

8.II

Zose	S	12 02 38
Nanking	P	11 56 53
	iS	12 03 11
Kunming	-P	11 57 39
	iS	12 04 32
Sian	P	11 57 46
	iS	12 04 49
Peking	P	11 57 54
	eS	12 04 57
Changchun	iP	11 57 55
	iS	12 05 02
Lanchow	-P	11 58 23
	S	12 05 52
Lhasa	-P	11 59 03
	S	12 07 06

9.II

Canton	eP	21 58 38
Zose	P	57 31
Nanking	eP	57 41
Kunming	P	57 43
	pP	58 11
Chengtu	eP	58 13
Sian	eP	58 20
	pP	58 44
	esP	59 00
Peking	eP	58 50
Lanchow	eP	58 51
Lhasa	-P	59 13
	eS	22 05 29
	iScS	08 58

8.II Epc: $20^{\circ}45'S$, $98^{\circ}E$
 O: 19-40-30
 h: 340km ca, M: 5.2

Kunming	P	19 45 40
	(pP)	47 04
	iS	50 21
Lhasa	+iP	46 35
	esP	48 19
	S	51 27
Chengtu	eP	46 33
	epP	47 49
	esP	48 19
	eS	51 32
Sian	+iP	47 19
	S	52 48
Lanchow	+iP	47 26
	eS	52 59
Zose	P	47 37
	esP	49 21
	eS	53 18
Nanking	+P	47 34
	esP	49 19
	eS	53 56
Paotow	eP	48 12
	S	54 25
Peking	+iP	48 23
	S	54 45
Changchun	iP	49 14

11.II Epc: $29^{\circ}14'N$, $139^{\circ}15'E$
 O: 02-42-37
 h: 430km, M: 5.2

Zose	-iP	02 45 57
	S	48 37
Nanking	-iP	46 19
	iS	49 18
Changchun	pP	46 24
	(S)	49 28
Peking	P	46 56
	sP	48 52
	S	50 23
	ScS	57 15
Canton	P	47 18
Sian	P	47 38
	iS	49 40
Paotow	eP	47 38
	ipP	48 53
	sP	49 39
	S	51 40
Lanchow	eP	48 13
	ipP	49 31
	iPP	49 42
	sP	50 16
	S	52 43
	iS	55 00
Chengtu	eP	48 14
	ipP	49 30
	S	52 44
Kunming	eP	48 34
	epP	49 54
	PP	50 04
	iSP	50 34

9.II Epc: $0^{\circ}14'N$, $124^{\circ}E$
 O: 21-51-25, h: 120km

11.II Kunming S 02 53 19
 sS 55 38
 Lhasa eP 49 49
 ipP 51 11
 PP 51 34
 sP 51 55
 eS 55 37
 iSS 58 00

11.II Epc: 4°S, 154°E
 O: 18-55-33
 h: 90km, M: 5 $\frac{3}{4}$

Zose eP 19 03 54
 Canton +P 04 03
 pP 04 25
 S 10 51
 sS 11 32
 Nanking eP 04 09
 pP 04 32
 eS 11 05
 sS 11 44
 Changchun eP 04 52
 pP 05 14
 Peking eP 05 01
 pP 05 26
 eS 12 41
 sS 13 28
 Sian +iP 05 10
 pP 05 31
 Kunming +iP 05 14
 pP 36
 eS 13 03
 sS 13 43
 ScS 14 07
 Chengtu iP 05 22
 pP 05 44
 eS 13 20
 esS 14 04
 Paotow eP 05 30
 epP 05 50
 Lanchow +iP 05 42
 pP 06 03
 esP 06 25
 S 13 54
 sS 14 30
 ScS 15 28
 Lhasa +iP 06 29
 epP 06 50

13.II Epc: 34° $\frac{1}{2}$ N, 94° $\frac{1}{2}$ E
 O: 07-42-26, M: 4 $\frac{3}{4}$

Lhasa -Pn 07 43 51
 P 44 07
 Sn 44 56
 S 45 20
 Lanchow -iPn 44 20
 P 44 53
 eSn 45 42
 S 46 29
 Chengtu eP 44 32
 S 46 09
 Kunming eP 45 09
 Sian eP 45 12
 Paotow eP 45 41
 Peking eP 46 39
 Nanking eP 47 03
 Zose eP 47 26
 eS 51 30
 Changchun eP 48 00
 eS 52 33

14.II Epc: Chile.
 (智利)
 O: 06-35-56, M: 7 $\frac{1}{2}$

Changchun PKP1 06 56 02
 PKP2 57 07
 PP 07 00 51
 Lhasa PKP1 06 56 04
 PKP2 56 08
 PP 07 00 44
 Canton PKP1 06 56 04
 iPKP2 57 12
 iPP 07 00 54
 Zose PKP1 06 56 04
 PKP2 57 21
 PP 07 01 04
 SKKS 07 43
 Kunming PKP1 06 56 05
 PKP2 57 16
 PP 07 00 56
 Nanking PKP1 06 56 05
 PKP2 57 23
 PP 07 01 08
 Peking PKP1 06 56 07
 PKP2 57 41
 PP 07 01 51

14.II Chengtu PKP1 06 56 08
 PKP2 57 32
 PP 07 01 25
 Paotow PKP1 06 53 08
 PKP2 57 50
 PP 07 01 44
 Lanchow PKP1 06 56 09
 PKP2 57 54
 PP 07 01 45
 Sian PKP1 06 56 10
 PKP2 57 56
 PP 07 01 48

16.II Zose eP 16 00 51
 Lanchow +P 02 08
 Peking +P 03 11
 Lhasa eP 03 47

17.II Epc: $2^{\circ}\frac{1}{2}S$, $130^{\circ}E$
 O: 11-07-05
 Kunming eP 11 14 26
 eS 20 18
 Peking P 15 14
 Lanchow P 15 27
 Changchun eP 15 33
 Lhasa eP 15 54

14.II Epc: Philippine Is.
 (菲律賓群島)
 O: 11-43-37

Zose eP 11 48 57
 Nanking eP 49 17
 Kunming eP 49 32
 Chengtu eP 49 54
 Peking +P 50 21
 Lanchow eP 50 51
 eS 56 03
 Lhasa +iP 51 07
 S 57 07

18.II Epc: Hokkaido Japan
 (日本北海道)
 O: 10-42-30

Peking eP 10 47 02
 Zose eP 47 03
 Nanking eP 47 14
 Paotow eP 47 47
 Kunming eP 49 38

14.II Epc: $34^{\circ}\frac{1}{2}N$, $104^{\circ}\frac{3}{4}E$
 O: 23-32-34, M: $3\frac{3}{4}$

Lanchow eP_n 23 33 12
 P 33 14
 S_n 33 37
 S 33 41
 Sian eP_n 33 40
 P 33 42
 iS 34 27
 Chengtu P 33 51
 S 34 36

18.II Epc: Colombia
 (哥倫比亞)
 O: 17-25-19, h: 50km/ca.

Peking ePKP 17 44 25
 pPKP 44 38
 PP 46 37
 pBP 46 57
 PKS 47 50
 pPKS 48 05
 Paotow PKP 44 25
 PP 46 42
 PKS 47 52
 Lanchow -PKP 44 34
 pPKP 44 48
 PP 47 13
 PKS 48 09
 Zose -PKP 44 37
 pPKP 44 53
 PP 47 25
 PKS 48 12

16.II Epc: $49^{\circ}\frac{1}{2}N$, $154^{\circ}\frac{1}{2}E$
 O: 15-54-41, M: $4\frac{3}{4}$

Changchun eP 15 59 24
 Peking eP 16 00 40
 eS 05 27

18.II ✓

Sian	-PKP	17 44 38
	pPKP	44 52
	PP	47 23
	pPP	47 37
Nanking	+PKP	44 38
	pPKP	44 53
	PP	47 24
	PKS	48 14
Chengtū	PKP	44 39
	ePP	47 38
	PKS	48 23
Lhasa	+PKP	44 44
	pPKP	44 59
	PP	47 41
Kunming	ePKP	44 53
	pPKP	45 11
	PP	48 17
Canton	-PKP	44 57
	pPKP	45 15
	ePP	48 28

20.II ✓

Zose	-iP	10 18 24
	eS	27 24
Canton	-iP	18 30
	sP	21 49
	e(SKS)	27 42
Nanking	-iP	18 36
	sP	21 52
	e(SKS)	27 51
Changchun	-iP	18 55
	pP	21 08
	sP	22 13
Peking	-iP	19 08
	pP	21 22
	sP	22 28
	iSKS	28 33
Kunming	-iP	19 15
	epP	21 32
	(sP)	22 35
	SKS	28 44
Sian	-iP	19 16
	pP	21 32
	sP	22 27
	SKS	28 44
Chengtū	iP	19 23
	sP	22 51
	iSKS	28 58
Paotow	-P	19 27
	pP	21 41
	sP	22 46
Lanchow	-P	19 38
	iSKS	28 09
Lhasa	iSKS	28 41

20.II ✓ Epc: 7°N, 92°⁰¹/₄E
O: 09-15-58, M: 5¹/₄

Kunming	+iP	09 20 40
	iS	24 50
Lhasa	-iP	21 01
	S	25 08
Canton	eP	21 30
	S	25 55
Chengtū	eP	21 33
	S	26 00
Lanchow	P	22 15
	eS	27 15
Sian	S	27 21
Nanking	+P	22 51
	eS	28 21
Zose	+P	23 01
	S	28 38
Peking	eP	23 28
	S	29 28
Changchun	P	24 27
	S	31 15

20.II ✓ Epc: 43°N, 145°⁰¹/₄E
O: 16-05-42, M: 6¹/₄

Changchun	iP	16 09 05
	S	11 43
Peking	+iP	10 31
	S	14 24
Zose	+iP	10 38
	S	14 37
Nanking	+iP	10 18
	S	14 57
Paotow	+iP	11 15
	eS	15 42
Sian	+iP	11 45
	eS	16 33
Lanchow	+iP	12 10
	S	17 18

20.II ✓ Epc: 24°⁰¹/₂S, 177°⁰¹/₂E
O: 10-07-31
h: 640km, M: 5¹/₂

20.II

Canton	+iP	16 12 16
	S	17 30
Chengtū	iP	12 31
	S	17 55
Kunming	+iP	13 07
	S	19 00
Lhasa	+iP	13 55
	S	20 28

22.II

Paotow	eP	16 42 39
	eS	46 20
Lanchow	eP	43 16
	eS	47 32
Kunming	-P	43 32
Lhasa	eP	44 57

20.II Epc: $25^{\circ}\frac{1}{2}N$, $96^{\circ}\frac{1}{2}E$
O: 22-02-32, M: 6

Kunming	-iP	22 03 59
	iP	04 18
	iS _N	05 06
Lhasa	+iP	04 13
	iS	05 29
Chengtū	iP	04 31
	P	05 01
	S	06 03
	S	06 41
Lanchow	eP	05 22
	S	07 35
Sian	-iP	05 42
Canton	eP	06 09
	eS	03 55
Paotow	-P	03 47
	PP	07 03
	S	10 07
Nanking	-iP	07 10
	S	10 52
Peking	-P	07 25
	S	11 19
Zose	-iP	07 31
	S	11 31
Changchun	eP	08 36
	PP	09 26
	S	13 27

23.II Epc: $5^{\circ}\frac{1}{2}S$, $148^{\circ}E$
O: 11-40-45, M: $4\frac{1}{2}$

Canton	+P	11 49 01
Zose	+P	49 02
	eS	55 35
Nanking	+iP	49 21
	(S)	56 14
Changchun	P	50 10
Kunming	eP	50 11
Peking	+P	50 14
	eS	57 50
Paotow	+P	50 41
Lanchow	+iP	50 48
	e(S)	58 52
Lhasa	+P	51 29

23.II Epc: $3^{\circ}S$, $152^{\circ}E$
O: 18-05-35, M: $4\frac{3}{4}$

Zose	eP	18 13 51
	S	20 27
Canton	eP	14 01
	eS	20 44
Nanking	eP	14 10
	eS	21 02
Changchun	P	14 52
	eS	22 15
Peking	eP	15 01
	eS	22 30
Sian	eP	15 08
Kunming	eP	15 13
	eS	22 57
Chengtū	eP	15 20
	eS	23 10
Paotow	eP	15 30
	eS	23 30
Lanchow	-P	15 40
	eS	23 45
Lhasa	-P	16 28
	S	25 20

22.II Epc: $30^{\circ}N$, $131^{\circ}E$
O: 16-37-58, M: $4\frac{1}{2}$

Zose	P	16 40 12
	eS	41 56
Nanking	eP	40 41
Changchun	iP	41 42
Peking	eP	41 52
	eS	44 56

23. II ~~X~~ Epc: $11^{\circ}\frac{1}{4}N$, $126^{\circ}E$
 O: 19-29-02, M: $4\frac{1}{2}$

Canton	eP	19	33	09
	S		36	26
Zose	+P		33	45
	eS		37	31
Nanking	+P		34	01
	S		38	05
Kunming	+P		34	41
	e(S)		34	16
Sian	+iP		34	57
	eS		39	43
Chengtu	S		39	46
Peking	eP		35	16
	eS		40	14
Lanchow	+iP		35	33
	eS		40	44
Paotow	+P		35	38
	e(S)		40	52
Changchun	eP		35	39
	eS		40	54
Lhasa	+iP		36	21
	e(S)		42	11

24. II ~~X~~ Epc: Philippine Is.
 (菲律賓群島)
 O: 13-48-53, M: $4\frac{1}{2}$

Canton	P	13	52	13
	eS		54	49
Zose	eP		53	21
	eS		56	51
Nanking	eP		53	32
	eS		57	17
Kunming	P		53	52
	S		57	52
Chengtu	P		54	14
	(S)		58	31
Sian	P		54	17
Peking	eP		54	48
Lanchow	P		54	52
Changchun	eP		55	19
Lhasa	P		55	33
	eS	14	00	51

25. II ~~X~~ Epc: Philippine Is.
 (菲律賓群島)
 O: 06-22-(04), M: $4\frac{1}{4}$

Zose	eS	06	50	28
Kunming	eP		27	01
	S		31	03
Sian	eP		27	29
Lanchow	+P		28	03
Peking	e(S)		33	05
Lhasa	eP		28	43

23. II ~~X~~ Epc: $2^{\circ}\frac{1}{4}S$, $152^{\circ}E$
 O: 20-21-31, M: $5\frac{1}{2}$

Zose	-P	20	29	48
	S		36	26
Canton	-P		29	56
	S		36	39
Nanking	-P		30	05
	S		36	58
Changchun	-iP		30	45
	eS		38	11
Peking	-P		30	57
	eS		38	30
Sian	-P		31	04
	S		38	42
Kunming	-P		31	07
Chengtu	P		31	16
	eS		39	04
Paotow	-P		31	25
	e(S)		39	21
Lanchow	-P		31	36
Lhasa	-iP		32	24
	eS		41	45

26. II ~~X~~ Epc: Hokkaido Japan.
 (日本北海道)
 O: 01-13-09, M: $4\frac{1}{2}$

Peking	eP	01	17	33
	eS		20	59
Zose	eP		17	37
	eS		21	10
Lanchow	eP		19	17
Lhasa	eP		21	04
	eS		27	24

26. II ~~X~~ Epc: 0° , $123^{\circ}E$
 O: 08-44-51, M: 5

26.II

Canton	eP	08	50	13
	S		54	34
Zose	eP		51	10
	eS		56	16
Kunming	eP		51	15
	iS		56	21
Nanking	eP		51	19
	eS		56	32
Chengtu	eP		51	45
	S		57	16
Sian	eP		51	57
	S		57	38
Lanchow	P		52	26
	iS		58	29
Peking	P		52	27
	eS		58	29
Paotow	eP		52	44
	S		59	02
Lhasa	eP		52	43
	iS		59	03

27.II Epc: $27^{\circ}\frac{1}{2}N$, $102^{\circ}E$
O: 06-34-48, M: 5

Kunming	-iPn	06	35	33
	iP		35	37
	iSn		36	05
Chengtu	iPn		35	52
	iP		36	01
	iSn		36	39
	iS		36	49
Sian	+P		37	02
	S		38	40
Lanchow	eP		37	02
	S		38	45
Lhasa	eP		37	16
	e(S)		39	12
Canton	-P		37	35
	e(S)		39	43
Paotow	P		38	19
	S		41	00
Nanking	P		38	28
	e(S)		41	25
Zose	eP		38	51
	eS		42	07
Peking	+iP		38	54
	eS		42	10
Change	P		40	17
	iS		44	46

27.II Epc: Chile,
(智利)
O: 12-40-41, M: 6

Lhasa	+PKP1	13	00	47
	-PKP2		01	42
	PP		05	28
	SKKS		12	18
Canton	ePKP1		00	47
	ePKP2		01	46
	PP		05	30
Kunming	+PKP		00	48
	iPP		05	37
	SKKS		12	27
Changchun	PKP1		00	48
	PKP2		01	55
	PP		05	39
Zose	ePKP1		00	48
	PKP2		02	00
	PP		05	45
	SKKS		12	21
Nanking	ePKP1		00	49
	PKP2		02	13
	PP		05	56
Peking	PKP1		00	50
	PKP2		02	25
	PP		06	15
	SKKS		13	16
Chengtu	PKP1		00	52
	ePKP2		02	22
	PP		06	04
Sian	+PKP1		00	53
	PKP2		02	46
	PP		06	23
Paotow	PKP1		00	53
	PKP2		02	47
	PP		06	39
Lanchow	ePKP1		00	54
	PKP2		02	39
	PP		06	36

28.II Epc: South-east off Japan,
(日本东南海中)
O: 07-19-36

Changchun	eP	07	23	39
	S		26	52
Zose	eP		23	41
	eS		26	54

28. II	Nanking	eP	07 23 58
		S	27 24
	Peking	eP	24 32
		eS	28 29
	Paoow	P	25 17
		eS	29 50
	Sian	eP	25 25
	e(S)	30 05	
Lanchow	P	25 55	

Given by
 S. P. Lee (Chief)
 L. T. Kuo

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 Peking China.

P.S. Station, Paoow (PT). Since Dec. 9, 1961 moved to
 the location: $\lambda: 110^{\circ}01'.2E, \varphi: 40^{\circ}35'.8N$

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

1 - 31, March 1962

1.III ✓ Epc: 25°N, 125° $\frac{1}{2}$ E
O: 04-52-01
h: 100km, M: 5 $\frac{1}{2}$

Zose	-iP	04-53-42
	S	54 55
Nanking	-iP	54 10
	S	55 47
Canton	+iP	54 41
	eS	56 48
Peking	-iP	55 51
	S	58 54
Sian	-P	55 53
	S	58 57
Changchun	iP	56 13
	sP	56 46
	S	59 33
Chengtū	eP	56 26
	sP	56 59
	S	59 52
Paotow	-iP	56 27
	iS	05 00 03
Kunming	+iP	04 56 35
	S	05 00 15
Lanchow	-iP	04 56 42
	pP	57 02
	sP	57 10
	iS	05 00 28
Lhasa	eP	04 58 10
	S	05 02 58
	iScS	08 35

1.III ✓ Epc: 15°S, 173° $\frac{1}{2}$ E
O: 23-41-06, M: 5 $\frac{3}{4}$

Zose	eP	23 52 04
	S	00 00 57
Canton	eS	01 19
Nanking	eP	23 52 15
	eS	00 01 20
Changcun	-iP	23 52 33
	PcP	52 51
	S	00 01 56
	SS	06 37
Peking	-P	23 52 51
	S	00 02 31
Sian	P	23 53 04
	S	00 02 58
Kunming	eP	23 53 10
	iS	00 03 09
Chengtū	-P	23 53 17
	iS	00 03 19
Paotow	P	23 53 17
	S	00 03 20
Lanchow	-P	23 53 29
	S	00 03 44
Lhasa	P	23 54 09
	SKS	00 04 00
	S	05 03

1.III ✓ Epc: 43° $\frac{1}{2}$ N, 146° $\frac{1}{2}$ E
O: 18-35-10, M: 4 $\frac{1}{4}$

Changchun	eP	18 38 50
Peking	eP	40 13
	eS	44 17
Zose	eP	40 21
Nanking	eP	40 30
	eS	44 47
Paotow	eP	40 55
	eS	45 32
Sian	eP	41 27
Lanchow	P	41 50

2.III ✓ Epc: 5° $\frac{3}{4}$ N, 126° $\frac{3}{4}$ E
O: 13-03-04, M: 5 $\frac{1}{2}$

Zose	P	13 08 34
	S	13 00
Nanking	eP	08 48
	S	13 26
Kunming	-P	09 11
	PP	10 11
	S	14 03
Chengtū	P	09 34
Sian	eP	09 36
Peking	-P	10 00
	iS	15 33
	ScS	20 16
Lanchow	-iP	10 11
Paotow	P	10 20

2.III Paotow PP 13 11 56
 iS 16 11
 Changchun P 10 23
 PP 11 53
 S 16 15
 Lhasa -iP 10 48
 S 16 56

3.III Peking +P 12 21 29
 eS 26 50
 Lanchow +iP 21 44
 Changchun P 21 50
 eS 27 31
 Lhasa +P 22 25
 PP 24 02
 eS 28 30

3.III Epc: 27°¹/₂N, 101°E
 O: 00-54-17, M: 4¹/₂

Kunming -iP_n 00 55 08
 +iP 55 11
 S_n 55 46
 S 55 52
 Chengtu eP_n 55 25
 eP 55 32
 S_n 56 19
 Lhasa e(P) 56 30
 eS 58 13
 Lanchow eP 57 05
 Sian e(P) 57 18
 Paotow e(P) 57 57
 Peking P 58 24
 Zose eP 58 30

4.III Peking eP 12 53 57
 Sian +P 54 19
 Lanchow iP 55 06
 Kunming -P 55 13

3.III Epc: 1°N, 125°³/₄E
 O: 10-01-28

Zose S 10 12 43
 Peking P 09 03
 S 15 07
 Paotow S 15 40
 Lhasa eP 09 34

5.III Epc: 11°N, 126°¹/₂E
 O: 14-59-45, M: 4¹/₂

Canton eP 15 03 52
 eS 07 09
 Zose eP 04 28
 S 08 19
 Nanking eP 04 45
 eS 08 46
 Kunming eS 10 00
 Sian eP 05 42
 Peking eP 06 00
 S 11 00
 Lanchow -iP 06 19
 S 11 34
 Paotow eP 06 24
 e(S) 11 46
 Lhasa eP 07 05
 eS 12 42

3.III Epc: 8°N, 126°E
 O: 12-14-48, M: 5¹/₂

Canton +P 12 19 22
 iPP 19 40
 eS 23 05
 Zose +P 20 02
 S 24 16
 Kunming +iP 20 47
 eS 25 37
 Sian +P 21 08
 Chengtu P 21 08
 S 26 11

5.III Epc: 19°N, 122°E
 O: 16-46-21, M: 4¹/₂

Canton S 16 49 51
 Kunming P 50 41
 Sian -P 50 45
 eS 54 13
 Chengtu P 50 51
 Peking P 51 12
 eS 55 06
 Lanchow -iP 51 29
 Paotow eP 51 35
 eS 55 49
 Lhasa eP 52 30

6.III ✓ Epc: $13^{\circ}13'N$, $93^{\circ}E$
 O: 05-55-47, M: $5\frac{1}{4}$

Kunming	eP	05	59	14
	P		59	22
	iS	06	02	09
Lhasa	eP	05	59	29
	P		59	36
	S	06	02	36
Chengtu	eP	00	14	
	P	00	21	
	S	03	59	
Canton	+P	00	38	
	S	04	31	
Lanchow	+P	01	02	
Sian	P	01	09	
	iP	01	15	
	iS	05	40	
Nanking	eP	01	50	
	P	01	55	
	S	06	53	
Paotow	eP	01	58	
	P	02	06	
	eS	07	07	
Zose	eP	02	06	
	P	02	10	
	S	07	20	
Peking	eP	02	22	
	P	02	29	
	S	07	50	
Changchun	eP	03	27	
	P	03	33	
	PP	05	05	
	S	09	32	

7.III ✓ Zose

	-iP	11	05	38
	pP		07	21
	sP		08	31
	iS		09	13
	sS		12	23
Nanking	-iP	05	57	
	pP	07	43	
	sP	08	53	
	iS	09	48	
	sS	13	06	
Changchun	-iP	06	22	
	pP	08	00	
	sP	09	31	
	iS	10	33	
	sS	13	42	
Canton	-P	06	25	
	sP	09	22	
	iS	10	37	
Peking	iP	06	45	
	sP	09	42	
	iS	11	14	
	sS	14	26	
Sian	-iP	07	10	
	sP	10	14	
	iS	11	59	
Chengtu	-iP	07	37	
	pP	09	26	
	sP	10	41	
	iS	12	47	
Kunming	-iP	07	43	
	pP	09	32	
	sP	10	46	
	iS	13	01	
	sS	16	25	
Lanchow	-iP	07	45	
Lhasa	-iP	09	04	
	sP	12	12	
	iS	15	26	
	SoS	17	40	

6.III ✗ Epc: $20^{\circ}13'N$, $123^{\circ}12'E$
 O: 22-28-48

Zose	e(P)	22	31	23
	e(S)		33	39
Peking	eP		33	28
	eS		37	11
Changchun	P		33	56
	eS		38	10
Lanchow	P		33	59
	eS		38	10

8.III ✓ Epc: Kuril Is.
 (千岛群岛)
 O: 10-47-06, M: $4\frac{3}{4}$

Peking	eP	10	52	49
	eS		57	26
Sian	P		53	59
Lanchow	+iP		54	21
	iS	11	00	08
Chengtu	eP	10	54	45

7.III ✓ Epc: $19^{\circ}03'N$, $145^{\circ}E$
 O: 11-01-08
 h: 670km, M: $6\frac{1}{2}$

8.III Chengtu S 11 00 52
 Kunming eP 10 55 22
 S 11 02 00
 Lhasa eP 10 56 03
 S 11 03 13

9.III Zose PcP 22 17 27
 eS 22 09
 Nanking eP 15 57
 pP 16 11
 sP 16 15
 eS 22 39
 Kunming eP 16 48
 eS 24 09
 Sian eP 16 51
 pP 17 04
 sP 17 10
 eS 24 17
 Changchun iP 16 51
 Peking eP 16 52
 pP 17 10
 S 24 16
 Chengtu eP 17 01
 eS 24 34
 Lanchow +P 17 24
 e(S) 25 24
 Lhasa eP 18 06
 eS 26 37

8.III Epc: $4^{\circ}15'S$, $29^{\circ}12'E$
 O: 21-38-29
 Lhasa P 21 49 33
 S 58 33
 Chengtu P 50 38
 eS 22 00 37
 Lanchow P 21 50 44
 Sian eP 51 04
 eS 22 01 29
 Paotow +P 21 51 14
 eS 22 01 48
 Canton +P 21 51 18
 eS 22 01 56
 Peking eP 21 51 35
 S 22 02 32

10.III Epc: $3^{\circ}14'N$, $98^{\circ}E$
 O: 03-01-13, M: $5\frac{1}{4}$

9.III O: 06-57-(12)
 Deep focus.
 Changchun S 07 17 13
 Zose eS 17 25
 Nanking eP 08 28
 S 17 50
 Canton eS 17 50
 Peking -P 08 57
 S 18 35
 Paotow eP 09 19
 (S) 19 05
 Lanchow P 09 32
 Chengtu S 19 36
 Lhasa S 20 01

Kunming -iP 03 06 13
 S 10 14
 Canton eP 06 35
 eS 10 52
 Lhasa eP 06 59
 eS 11 38
 Chengtu eS 11 48
 Lanchow eP 07 49
 eS 13 09
 Nanking eS 13 42
 Paotow eS 14 33
 Peking eP 08 52
 eS 16 00

9.III Epc: $5^{\circ}15'N$, $116^{\circ}15'E$
 O: 22-07-35
 h: 45km, M: 5

Canton P 22 15 36
 eS 22 02
 Zose eP 15 40
 sP 15 58

10.III Epc: $23^{\circ}N$, $121^{\circ}E$
 O: 08-43-56, M: $4\frac{3}{4}$

Canton a(P) 08 45 38
 e(S) 46 52
 Zose eP 45 56
 eS 47 27
 Nanking eP 46 09

Event	Station	Type	Time	Mag	Station	Type	Time	Mag
10. III	Nanking	eS	08 47 51		11. III	Changchun	-P	15 30 31
	Sian	eP	47 41			pP	30 57	
		S	50 37			sP	31 11	
	Kunming	eP	47 57			PP	32 42	
		eS	51 05			ScS	40 17	
	Chengtu	eP	47 58			Peking	-P	31 36
		S	51 08			pP	32 02	
	Peking	eP	48 04			sP	32 18	
		eS	51 19			iS	37 55	
	Lanchow	eP	48 30			sS	38 43	
	e(S)	52 16		Zose	-P	31 57		
Paotow	eP	48 35		pP	32 26			
	e(S)	52 15		sP	32 38			
Changchun	eP	48 45		S	38 34			
Lhasa	eP	49 47		sS	39 23			
	e(S)	54 28		Paotow	-P	32 02		
				pP	32 32			
				sP	32 45			
10. III	Kunming	eP	12 28 46		iS	38 45		
		eS	33 20		sS	39 31		
	Chengtu	eS	33 36		Nanking	-P	32 03	
	Peking	eP	29 34		pP	32 32		
	e(S)	34 44		sP	32 43			
				iS	38 45			
11. III	Epc: North Fiji Basin				sS	39 29		
	(北菲吉海)				Sian	-P	32 40	
	O: 07-18-44, M: 5				pP	33 08		
					sP	33 20		
	Zose	eS	07 38 26		Lanchow	-iP	32 52	
	Nanking	eP	29 52		pP	33 23		
		eS	38 57		sP	33 35		
	Canton	eS	39 00		S	39 28		
	Changchun	eP	30 10		sS	40 14		
	Peking	eP	30 30		Canton	-P	33 15	
	S	40 11		pP	33 43			
Kunming	eP	30 51		sP	33 57			
	eS	40 50		eS	40 59			
Chengtu	eP	30 55		sS	41 49			
	eS	40 58		Chengtu	-P	33 17		
Paotow	eP	30 56		pP	33 46			
	eS	41 00		sP	34 01			
Lanchow	eP	31 07		S	41 02			
Lhasa	eP	31 48		sS	41 52			
				Kunming	eP	33 50		
				pP	34 20			
				sP	34 33			
11. III	Epc: 51° ¹ / ₂ N, 178° ³ / ₄ E				eS	41 59		
	O: 15-23-42			Lhasa	-P	34 17		
	h: 120km, M: 5 ¹ / ₂			pP	34 50			

11.III Lhasa ✓ sp 15 35 00
 S 42 54
 sS 43 42

11.III Epc: 20°N, 145°E
 O: 16-16-28
 h: 400km, M: 5

Zose eP 16 21 09
 +iP 21 13
 pP 22 21
 sP 23 01
 eS 25 10
 Nanking eP 21 31
 -P 21 37
 e(pP) 22 39
 esP 23 26
 iS 25 54
 Changchun -P 21 51
 PP 23 17
 Canton iS 26 24
 sS 28 42
 Peking -iP 22 19
 S 27 00
 Sian eP 22 49
 Paotow eP 22 56
 eS 28 11
 Chengtu eP 23 12
 S 28 35
 Kunming eP 23 20
 iS 28 52
 Lhasa eP 24 42
 iS 31 20
 iSS 33 48

11.III Chengtu +P 19 25 14
 iPP 26 30
 Peking +iP 25 34
 S 30 45
 Lanchow +P 25 48
 eS 31 12
 Changchun +iP 25 56
 PP 27 28
 Paotow +iP 25 56
 PP 28 25
 iS 31 25
 Lhasa +P 26 34
 ePP 28 11

~~12.III~~ Epc: Celebes Sea.
 (西里伯斯海)
 O: 01-07-35, M: 5

Canton +P 01 12 31
 S 16 30
 iSS 17 07
 Zose eP 13 20
 eS 18 02
 Kunming eP 13 54
 Chengtu eS 19 28
 Peking S 20 27
 Lanchow eP 14 49
 Lhasa eP 15 25
 S 21 36

~~12.III~~ Epc: Central America.
 (中美洲)
 O: 10-41-36, M: 5½

Peking ePKP 10 00 42
 ePP 02 52
 ePKS 04 17
 Zose ePKP 00 52
 ePP 03 15
 PKS 04 25
 Nanking ePKP 00 54
 Lanchow PKP 00 54
 PP 03 23
 Sian ePKP 00 55
 ePKS 04 28
 Lhasa ePKP 01 08
 Canton -31 PKP1 01 13
 PKP2 01 19
 ePP 04 45

11.III ✓ Epc: 9°N, 127°E
 O: 19-19-05, M: 6¼

Canton +iP 19 23 29
 iPP 23 54
 eS 26 56
 Zose +iP 24 06
 S 28 13
 Nanking +iP 24 21
 eS 28 36
 Kunming +P 24 55
 iPP 25 58
 Sian +P 25 13
 iPP 26 26

12.III ~~Kunming~~ PKP 10 01 15

12.III ~~Epc: Central America.~~
 (中美洲)
 O: 11-40-19, M: 6 $\frac{1}{2}$

Changchun	+PKP	11 59 13
	ePP	12 00 43
Peking	ePKP	11 59 21
	iPKP	59 27
	iPP	12 01 35
	PKS	02 48
Paotow	SKKS	08 48
	PKP	11 59 29
	PP	12 01 41
	ePKS	02 55
	iPKS	03 00
Zose	ePKP	11 59 34
	iPKP	59 39
	ePP	12 02 12
	PKS	03 10
Nanking	ePKP	11 59 33
	iPKP	59 39
	PP	12 02 14
	iPKS	03 11
Sian	ePKP	11 59 36
	iPKP	59 42
	ePP	12 02 18
	iPKS	03 16
Chengtu	ePKP	11 59 43
	iPKP	59 49
	ePP	12 02 39
	iPKS	03 29
Lhasa	ePKP	11 59 47
	iPKP	59 51
	PKS	12 03 26
Canton	ePKP	11 59 51
	iPKP	59 57
	iPP	12 03 17
Kunming	ePKP	11 59 53
	iPKP	12 00 00

12.III ~~Peking~~ eS 15 11 15
 Zose eP 07 52
 eS 12 15
 Lanchow P 09 01

13.III ~~Epc: 36 $\frac{1}{2}$ N, 140°E~~
 O: 06-07-34, M: 4

Changchun	eP	06 10 48
	eS	13 18
Zose	-P	11 36
	eS	14 46
Peking	eP	12 01
	eS	15 33
Lanchow	eP	13 39

13.III ~~Epc: Moluccas Is.~~
 (摩鹿加群岛)
 O: 11-30-01, Deep focus.

Kunming	-P	11 36 20
Sian	-P	36 43
Peking	eP	37 02
Lanchow	-iP	37 18
	eS	43 08
Lhasa	-iP	37 52
	S	44 09

13.III ~~Epc: 9°N, 127 $\frac{1}{2}$ E~~
 O: 21-45-07

Canton	eP	21 49 37
Zose	eP	50 16
	eS	54 25
Nanking	eP	50 32
	eS	54 53
Peking	eP	51 44
Lanchow	eP	52 02
Lhasa	eP	52 46

12.III ~~Epc: 48 $\frac{1}{2}$ N, 145°E~~
 O: 15-02-24, M: 4 $\frac{1}{4}$

Changchun	e(P)	15 05 52
	eS	08 36
Peking	eP	07 22

14.III ~~Epc: 27 $\frac{1}{2}$ N, 97°E~~
 O: 01-47-47, M: 3 $\frac{1}{4}$

Kunming	eP _n	01 49 05
	eP	49 24
	S _n	50 05

14. III Kunming \bar{S} 01 50 31
 Lhasa ePn 49 11
 e(Sn) 50 14
 Chengtu eS 51 19
 Lanchow eP 50 15

14. III Epc: $8^{\circ}\frac{1}{4}N$, $127^{\circ}E$
 O: 08-27-15, M: $4\frac{3}{4}$

Canton eP 08 31 48
 eS 35 29
 Zose +P 32 28
 S 36 40
 Nanking eP 32 43
 eS 37 10
 Peking eP 33 56
 Lhasa eP 34 07
 Lanchow eP 37 11

15. III Epc: $45^{\circ}N$, $150^{\circ}\frac{3}{4}E$
 O: 01-51-20, M: $4\frac{1}{2}$

Changchun P 01 55. 38
 Peking eP 56 57
 e(S) 02 01 31
 Sian +iP 01 58 06
 Lanchow +iP 58 29
 Chengtu P 58 52
 S 02 04 53
 Kunming +P 01 59 28
 eS 02 05 59
 Lhasa +P 00 11

15. III Epc: West off Chagos Is.
 (恰果斯群岛以西海中)
 O: 14-37-11

Lhasa eP 14 45 30
 S 52 09
 Kunming eS 53 04
 Chengtu e(P) 46 31
 eS 53 59
 Canton eS 54 40
 Lanchow eP 46 59

16. III Epc: $23^{\circ}\frac{1}{4}N$, $101^{\circ}E$
 O: 09-28-21, M: 4

16. III Kunming \bar{P} 09 29 01
 \bar{S} 29 27
 Chengtu e(P) 30 10
 eS 31 33
 (S) 32 04
 Lhasa e(P) 30 59
 Lanchow eP 31 23
 Sian e(S) 34 29

16. III Epc: $26^{\circ}\frac{1}{2}N$, $129^{\circ}E$
 O: 09-42-05, h: 40km

Zose eP 09 44 02
 eS 45 32
 Nanking eP 44 32
 S 46 27
 Peking eP 46 05
 sP 46 18
 eS 49 15
 Changchun eP 46 14
 sP 46 30
 eS 49 31
 Sian P 46 20
 sP 46 37
 Paotow eP 46 46
 sP 47 02
 Chengtu eP 46 59
 sP 47 17
 Lanchow P 47 07
 eS 51 10
 Kunming eP 47 11
 sP 47 28
 eS 51 18
 Lhasa eP 48 40

16. III Epc: $9^{\circ}S$, $167^{\circ}\frac{1}{4}E$
 O: 19-42-41
 h: 30km, M: 5

Zose eP 19 52 42
 eS 20 00 47
 Canton eP 19 52 56
 eS 20 01 13
 sS 01 35
 Nanking -P 19 52 59
 eS 20 01 22
 sS 01 39
 Changchun -P 19 53 23
 pP 53 32

16.III ✓

Changchun	sP	19 53 37
	eS	20 02 04
Peking	eP	19 53 40
	pP	53 49
	sP	53 54
	eS	20 02 36
	sS	02 52
Sian	-P	19 53 51
	S	20 03 00
Kunming	-iP	19 53 57
	esP	54 02
	iS	20 03 13
	isS	03 32
Chengtu	P	19 54 03
	sP	54 18
	S	20 03 22
	sS	03 40
Paotow	eP	19 54 06
	S	20 03 31
	sS	03 50
Lanchow	-P	19 54 19
	pP	54 28
	sP	54 33
	S	20 03 53
Lhasa	-P	19 55 01
	iS	20 05 14
	isS	05 34

17.III ✓

Peking	eP	19 02 53
Lanchow	+iP	02 58

17.III ✓ Epc: Northern Mid-Atlantic Ridge,
(北大西洋脊)
O: 20-47-36, M: 6 $\frac{3}{4}$

Lhasa	iPP	21 07 56
Lanchow	PKP	06 33
	PP	08 15
Changchun	ePKP	06 38
	PP	08 25
Peking	ePKP	06 39
	PP	08 31
Sian	PP	08 44
Chengtu	ePKP	06 43
	iPP	08 46
Kunming	ePKP	06 49
	iPP	09 09
Nanking	ePKP	06 56
	PP	09 25
Zose	ePKP	06 56
	ePP	09 33
	PKS	10 30
Canton	ePP	09 45

17.III ✓ Epc: 26 $^{\circ}$ $\frac{1}{2}$ N, 97 $^{\circ}$ $\frac{1}{2}$ E
O: 11-26-31, M: 4 $\frac{1}{4}$

Kunming	P	11 28 07
	S	29 09
Lhasa	+P _n	28 05
	S _n	29 16
Lanchow	+iP	29 15
Peking	eP	31 14
	eS	35 01
Zose	eP	31 28
	eS	35 28

18.III ✓ Epc: 16 $^{\circ}$ $\frac{1}{2}$ S, 169 $^{\circ}$ E
O: 03-06-17, M: 5 $\frac{1}{2}$

Zose	eP	03 17 04
	eS	25 42
	PS	26 13
Nanking	eP	17 20
	S	26 13
	PS	26 43
Changchun	iP	17 41
	eS	27 01
Peking	eP	17 56
	eS	27 32
Sian	eP	18 04
Kunming	eP	18 08
	eS	27 53
Chengtu	eP	18 15
	S	28 06
Paotow	eP	18 20
	eS	28 16
Lanchow	P	18 30
Lhasa	eP	19 07
	SKS	29 33

17.III ✓ Epc: 9 $^{\circ}$ $\frac{1}{2}$ N, 123 $^{\circ}$ E
O: 18-56-33, M: 5 $\frac{1}{4}$

Canton	+P	19 00 27
	S	03 31
Zose	+iP	01 27
	eS	05 23
Nanking	+P	01 39
	eS	05 44

18.III ✓ Epc: $39^{\circ}\frac{1}{2}N$, $142^{\circ}E$
 O: 05-28-21, M: $4\frac{1}{4}$

Changchun	iP	05	31	35
	eS		34	06
Zose	eP		32	50
	(S)		36	38
Peking	P		32	54
	eS		36	33
Nanking	eP		33	02
	eS		36	49
Paotow	eP		33	41
	eS		37	58
Sian	eP		34	06
Lanchow	eP		34	34
	S		39	32
Kunming	+P		35	25
	eS		41	04
Lhasa	eP		36	21
	eS		42	45

18.III ✓ Changchun +iP 15 41 58
 sP 42 06
 eS 51 20
 Nanking +iP 42 20
 eS 52 03
 Zose +P 42 31
 sP 42 38
 eS 52 22
 Canton +P 42 31
 S 52 23

18.III ✗ Epc: $9^{\circ}N$, $127^{\circ}E$
 O: 14-54-52 M: $4\frac{1}{4}$

Zose	eP	14	59	58
	eS	15	04	04
Nanking	eP		00	13
Peking	eP		01	27
Lanchow	eP		01	44

18.III ✓ Epc: $23^{\circ}.8N$, $114^{\circ}.7E$
 O: 20-18-53, M: 6

Canton	+iP	20	19	17.5
Nanking	eP		21	03
	eS		22	43
Zose	eP		21	06.5
	S		22	48.5
Kunming	-P		21	29.5
Chengtu	-P		21	38
	iS		23	45
Sian	P		21	38.5
Lanchow	-P		22	29
	S		25	19
Peking	eP		22	43
	eS		25	41
Lhasa	-iP		23	48
	e(S)		27	49
Changchun	P		23	52
	S		27	48

18.III ✓ Epc: $40^{\circ}\frac{1}{2}N$, $19^{\circ}\frac{1}{2}E$
 O: 15-30-30
 h: 20km, M: $5\frac{3}{4}$

Lhasa	+iP	15	40	25
	sP		40	33
	iS		48	23
Lanchow	+iP		41	03
	sP		41	11
	S		49	38
Chengtu	+iP		41	23
	eS		50	14
Sian	+iP		41	32
Kunming	+P		41	37
	S		50	41
Peking	+iP		41	41
	sP		41	50
	eS		50	47

19.III ✓ Epc: $\frac{1}{2}^{\circ}N$, $124^{\circ}E$
 O: 05-54-36
 h: 130km, M: 6

Canton	+iP	05	59	49
	ipP	06	00	16
	sP		00	32
	PPP		01	01
Zose	+iP		00	41
	pP		01	08
	sP		01	24
	PP		01	52
	PPP		02	26
	S		05	34
	eS		06	14
Nanking	+iP		00	53

19.III	Nanking	ipP	06 01 21
		sP	01 57
		PP	02 42
		iPcP	03 39
		iS	05 58
		sS	06 50
	Kunming	+iP	00 53
		pP	01 20
		sP	01 37
		eS	05 57
		sS	06 50
	Chengtu	+iP	01 23
		pP	01 52
		sP	02 37
		PP	02 49
		PcP	03 47
		eS	06 49
		sS	07 40
	Sian	+iP	01 31
		pP	01 59
		sP	02 15
		PP	02 59
		PPP	03 24
	Peking	+iP	02 00
		ipP	02 31
		sP	02 44
		iPcP	04 02
		PPP	04 14
		eS	07 52
		sS	08 49
	Lanchow	+iP	02 02
		pP	02 32
		sP	02 48
		PP	03 43
		PcP	04 03
		sS	08 54
		iScS	10 51
	Paotow	+iP	02 16
		pP	02 45
		sP	03 00
		eS	08 30
	Lhasa	+iP	02 23
		iS	08 37
		isS	09 33
		iScS	12 06
	Changchun	+iP	02 27
		sP	03 11
		PP	04 09
		iPcP	04 24
		ScS	12 14

20.III	Lhasa	-iP	23 11 45
		P	11 59
		iS	12 54
	Chengtu	eP	12 33
	Lanchow	P	12 38
	Kunming	eP	12 56
	Sian	eP	13 25
	Paotow	eP	14 15
	Peking	eP	14 58
		S	18 35
	Changchun	eP	16 16

21.III Epc: $8^{\circ}\frac{1}{2}N$, $125^{\circ}\frac{1}{2}E$
O: 07-52-37

Zose	eP	07 57 44
	eS	08 01 51
Nanking	eP	07 58 00
	eS	08 02 20
Peking	eP	07 59 12
	eS	08 04 25
Lanchow	eP	07 59 28

21.III Epc: $5^{\circ}\frac{1}{2}S$, $113^{\circ}E$
O: 22-57-54
h: 600km, M: 6

Canton	iP	23 03 07
	ipP	04 40
	sP	05 50
	iS	07 17
	sS	10 02
Kunming	-iP	03 39
	PP	05 13
	ipP	05 19
	iPcP	06 06
	isP	06 26
	iS	08 16
Changchun	-iP	04 18
CHENG TU	ipP	06 01
	isP	07 09
	iS	09 25
Zose	-iP	04 21
	ipP	06 02
	PcP	06 20
	isP	07 09
	iS	09 30
Nanking	-iP	04 26
	ipP	06 12
	iPcP	06 23
	isP	07 16

20.III Epc: $31^{\circ}\frac{3}{4}N$, $95^{\circ}\frac{1}{2}E$
O: 23-10-40, M: $4\frac{3}{4}$

21.III ✓

Nanking	iS	23 09 40
Sian	-iP	04 41
	ipP	06 24
	isP	07 31
Lhasa	iS	10 06
	-iP	04 49
	ipi	03 33
	iPcP	06 35
	sP	07 41
Lanchow	iS	10 21
	-iP	05 01
	PcP	06 38
	pP	06 48
	PP	06 53
	sP	07 53
Peking	iS	10 43
	-iP	05 24
	iPcP	06 49
	ipP	07 13
	isP	08 17
Paotow	iS	11 24
	-iP	05 29
	iPcP	06 51
	ipP	07 18
	isP	08 22
Changchun	iS	11 33
	-iP	06 00
	iPcP	07 07
	ipP	07 52
	isP	08 56
	S	12 30
	sS	15 59

22.III ✓ Epc: $50\frac{1}{2}^{\circ}S$, $113^{\circ}E$
 O: 00-19-47
 h: 600km, M: 6

Canton	+iP	00 25 01
	pP	26 33
	iS	29 11
	sS	32 05
Kunming	+iP	25 33
	pP	27 10
	iS	30 10
Chengtu	+iP	26 11
	iS	31 18
Zose	+iP	26 13
	pP	27 54
	S	31 22
Nanking	+iP	26 18
	pP	28 02

22.III ✓

Nanking	S	00 31 31
Sian	+iP	26 34
	pP	28 18
	iS	32 00
Lhasa	+iP	26 42
	pP	28 26
	sP	29 30
	iS	32 14
	iScS	35 38
Lanchow	+iP	26 53
	PcP	28 31
	pP	28 41
	iS	32 36
	ScS	35 48
Peking	+iP	27 18
	iPcP	28 43
	pP	29 04
	S	33 19
	iScS	36 10
Paotow	+P	27 23
	pP	29 09
	S	33 39
Changchun	pP	29 43
	S	34 25
	ScS	36 42

22.III ✓ Epc: $30\frac{1}{2}^{\circ}S$, $143^{\circ}E$
 O: 15-13-04, M: $6\frac{1}{4}$

Canton	+iP	15 20 31
	PP	21 56
	iS	26 28
Zose	+iP	20 39
	PP	22 11
	PPP	23 02
	S	26 42
Nanking	+iP	20 56
	iS	27 13
Kunming	+iP	21 45
	PP	23 37
	eS	28 44
Sian	+iP	21 53
	PP	23 44
	iS	28 56
Peking	+iP	21 55
	iS	29 01
Changchun	+iP	21 55
	iS	29 01
Chengtu	+iP	22 00
	iS	29 10

22. III Paotow +iP 15 22 22
 Lanchow +iP 22 26
 Lhasa +iP 23 09

23. III Nanking eP 06 15 29
 Peking e(S) 18 35
 Zose P 15 43
 Changchun P 19 02
 15 52
 19 16
 17 07

22. III Kunming +P 16 24 38
 Chengtu eP 24 55
 Peking eP 24 55
 Paotow eP 25 20
 Lanchow P 25 23
 Lhasa P 26 04

24. III Epc: $27^{\circ}\frac{1}{2}N$, $100^{\circ}E$
 0: 00-25-59, M: 4

Kunming eP_n 00 27 00
 P 27 09
 S_n 27 44
 S 28 01
 Lhasa eP 27 54
 eS 29 22
 Lanchow eP 28 12
 Peking P 30 14

23. III Epc: $45^{\circ}\frac{1}{2}N$, $100^{\circ}E$
 0: 04-26-13, M: $4\frac{3}{4}$

Paotow eP 04 28 25
 eS 30 05
 Lanchow eP 28 38
 (S) 30 39
 Sian e(P) 29 40
 e(S) 32 26
 Chengtu e(P) 29 46
 e(S) 32 33
 Peking eP 29 28
 Changchun e(P) 30 20
 Lhasa eP 30 25
 Kunming e(S) 33 45
 eP 30 55

24. III Epc: $27^{\circ}\frac{1}{2}N$, $100^{\circ}E$
 0: 05-01-39

Kunming eP_n 05 02 49
 eP 02 48
 S_n 03 22
 S 03 36
 Chengtu e(P_n) 03 00
 eP 03 06
 e(S_n) 03 48
 iS 04 09
 Lhasa e(P) 03 34
 eS 05 02
 Lanchow eP 03 47

23. III Epc: $27^{\circ}\frac{1}{2}N$, $100^{\circ}E$
 0: 06-11-33, M: $4\frac{1}{2}$

Kunming eP_n 06 12 28
 -iP 12 41
 eS_n 13 10
 iS 13 32
 Chengtu e(P) 12 43
 -iP 13 01
 e(S) 13 45
 S 13 59
 Lhasa eP 13 26
 eS 14 55
 Lanchow P 13 43
 Sian e(P) 13 51
 Paotow P 15 06
 e(S) 17 55

24. III Epc: $6^{\circ}S$, $146^{\circ}\frac{1}{2}E$
 0: 12-59-31
 h: 160km, M: 6

Canton -P 13 07 20
 S 13 35
 Zose -P 07 25
 pP 08 05
 S 13 44
 sS 14 37
 Nanking -P 07 42
 iS 14 15
 sS 15 09

24.III	Kunming	-iP	13 08 31
		pP	09 07
		sP	09 26
		PP	10 33
		iS	15 46
		sS	16 41
	Changchun	-P	08 36
		pP	09 18
		iS	15 53
		sS	16 46
	Sian	-iP	08 37
		sP	09 30
		iS	15 57
		sS	16 50
	Peking	-P	08 39
		pP	09 18
		iS	15 58
		sS	16 51
	Chengtu	-iP	08 45
		iS	16 11
		sS	17 05
	Paotow	-iP	09 05
		pP	09 48
		S	16 48
		sS	17 43
	Lanchow	-iP	09 10
		PcP	09 59
		sP	10 03
		PP	11 24
		S	16 57
		sS	17 52

25.III Epc: $27^{\circ}\frac{1}{2}N$, $100^{\circ}E$
 O: 20-49-07, M: $4\frac{1}{2}$

Kunming	-iP _n	20 50 09
	P	50 21
	S _n	50 57
	S	51 13
Chengtu	eP _n	50 23
	-iP	50 41
	S _n	51 19
	iS	51 43
Lhasa	P	51 08
	S	52 32
Lanchow	P	51 23
	S	53 02
Sian	e(P)	51 40
	S	53 36
Paotow	eP	52 47
	e(S)	55 39

25.III	Nanking	eP	20 53 08
		e(S)	56 21
	Peking	P	53 25
		eS	56 51
	Zose	eP	53 31
		eS	57 05
	Changchun	eP	54 48

25.III Epc: $27^{\circ}\frac{1}{2}N$, $99^{\circ}30'E$
 O: 22-11-50, M: $4\frac{1}{4}$

Kunming	eP _n	22 12 55
	P	13 07
	iS	13 58
Chengtu	e(P _n)	13 13
	P	13 25
	S _n	14 07
	S	14 27
Lhasa	eP	13(50)
	S	15(14)
Lanchow	eP	14 09
Nanking	e(P)	15 58
Peking	e(P)	16 09

26.III Epc: Chile.
 (智利)
 O: 16-32-45
 h: 50km, M: 6

Canton	+PKP1	16 52 41
	PP	57 04
	epPP	57 11
Lhasa	+PKP1	52 45
	pPKP1	52 59
	PKP2	53 36
Kunming	PKP1	52 46
	pPKP	53 00
	ePKP2	53 40
	PP	57 24
Zose	ePKP1	52 45
	pPKP1	52 59
	PKP2	53 41
	ePP	57 33
	eSKKS	17 04 21
Nanking	PKP1	16 52 47
	PKP2	53 51
	PP	57 44
Chengtu	+PKP1	52 50
	pPKP1	53 04
	ePKP2	54 04

26.III	Chengtu	PP	16 57 52
	Sian	+PKP1	52 50
		pPKP1	53 05
		PKP2	54 19
		pPKP2	54 33
		PP	58 08
	Peking	ePKP1	52 49
		pPKP1	53 03
		PKP2	54 12
		pPKP2	54 26
		PP	58 03
		PPP	58 19
		SKKS	17 05 01
	Paotow	+PKP1	16 52 51
		pPKP1	53 06
		-PKP2	54 36
		PP	58 25

27.III	Lhasa	eP	05 31 17
		iS	38 15
		iScS	40 57

27.III Epc: $43^{\circ}\frac{1}{2}N$, $149^{\circ}\frac{1}{2}E$
 0: 10-10-11

Peking	eP	10 15 37
Zose	eP	15 46
	eS	20 14
Nanking	eP	15 55
	eS	20 31
Paotow	eP	16 17
Kunming	eP	18 08

27.III Epc: $3^{\circ}\frac{1}{4}S$, $130^{\circ}E$
 0: 05-22-35
 h: 100km ca, M: $5\frac{3}{4}$

Canton	+P	05 28 43
	S	33 38
Zose	+P	29 23
	eS	34 50
Nanking	+P	29 36
	S	35 14
Kunming	+P	29 50
	PP	31 27
	iS	35 38
	ScS	39 49
Chengtu	eP	30 15
	PP	31 57
	iS	36 23
	ScS	40 06
Sian	+iP	30 20
	PP	32 03
	S	36 33
Peking	+iP	30 42
	eS	37 11
	ScS	40 28
Lanchow	+iP	30 52
	pP	31 12
	iS	37 28
	ScS	40 31
Changechun	+P	30 58
Paotow	eP	31 00
	S	37 46

28.III Epc: Kashmir.
 (克什米尔)
 0: 00-52-03

Lhasa	eP	00 55 59
	S	59 04
Lanchow	P	57 23
Chengtu	eP	57 35
	eS	01 02 04
Kunming	eS	02 27

28.III Epc: $1^{\circ}\frac{1}{2}N$, $97^{\circ}\frac{1}{2}E$
 0: 04-05-17, M: $5\frac{1}{2}$

Kunming	+iP	04 10 36
	S	14 52
Canton	P	10 57
	eS	15 30
Lhasa	+iP	11 19
	iS	16 10
	SS	17 47
	ScS	22 01
Chengtu	+P	11 25
	eS	16 21
Sian	+iP	12 07
Lanchow	+iP	12 13
	S	17 42
	ScS	22 30
Nanking	+P	12 26
Zose	eP	12 31
	ePP	13 58
	eS	18 19

28.III Peking +iP 04 13 13
 eS 19 33
 Changchun +P 14 06

29.III Lhasa -P 20 17 30

28.III Epc: 46°N, 82°E
 O: 13-26-13, M: 4 $\frac{1}{4}$

29.III Epc: Bashi Chanel,
 (巴士海峡)
 O: 21-15-06

Lhasa eP 13 30 24
 eS 33 42
 Lanchow P 30 37
 eS 34 06
 Sian eP 31 26
 Peking eP 31 43
 Kunming eP 31 53
 e(S) 36 25

Canton eS 21 18 14
 Sian eP 19 12
 Kunming P 19 15
 e(S) 22 31
 Peking eP 19 41
 S 23 19
 Lanchow -P 19 59

29.III Epc: 0°, 128°E
 O: 20-09-06
 h: 30km ca, M: 5 $\frac{1}{2}$

31.III Epc: 10°N, 122° $\frac{1}{2}$ E
 O: 07-44-00, M: 5 $\frac{1}{4}$

Canton +P 20 14 48
 S 19 21
 Zose +P 15 29
 ePPP 16 47
 eS 20 35
 Nanking +P 15 43
 eS 21 04
 SS 23 01
 ScS 26 03
 Kunming +P 15 57
 PP 17 14
 S 21 27
 Chengtu +P 16 23
 PP 17 50
 iS 22 12
 Sian +P 16 27
 PP 17 56
 S 22 23
 Peking +P 16 51
 PP 18 31
 eS 23 02
 Lanchow +P 16 58
 PP 18 41
 S 23 20
 Changchun +P 17 11
 PP 18 53
 eS 23 43
 ScS 27 07

Canton eS 07 50 32
 Zose eP 48 48
 ePP 49 15
 S 52 41
 Nanking eP 48 58
 eS 53 00
 Kunming eP 49 18
 S 53 35
 Chengtu eP 49 48
 S 54 27

Given by
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PRELIMINARY SEISMOLOGICAL REPORT
OF
CENTRAL STATION, PEKING, AND AUXILIARY STATIONS

1 - 30, April 1962

1.IV Epc: $32^{\circ}\frac{1}{2}N$, $59^{\circ}E$
O: 00-45-07, M: $5\frac{1}{2}$

Lhasa	eP	00 51 00
	PP	51 53
	eS	55 42
Lanchow	eP	52 21
	S	58 10
Chengtou	S	58 24
Kunming	eP	52 38
	S	58 38
Sian	eP	53 02
Peking	eP	53 36
	eS	01 00 22
Zose	eP	00 54 23
	eS	01 01 47

1.IV Canton PPP 12 20 41

	eS	24 38
Zose	-P	18 46
	sP	19 14
	S	24 52
	sS	25 27
Nanking	-P	19 05
	sP	19 31
	S	25 24
	sS	25 54
Kunming	-P	19 53
	pP	20 14
	sP	20 19
	S	26 51
Sian	-P	19 59
	sP	20 27
	S	27 05
Changchun	iP	20 00
	sP	20 31
Peking	-P	20 21
	sP	20 30
	S	27 05
	sS	27 38
Chengtou	P	20 07
	sP	20 34
Paotow	eP	20 26
	sP	20 56
	eS	27 51
Lanchow	P	20 31
	pP	20 55
	sP	21 04
Lhasa	-P	21 14
	sP	21 42
	S	29 21

1.IV Epc: $42^{\circ}\frac{1}{4}N$, $144^{\circ}E$
O: 05-01-50, M: 5

Changchun	P	05 05 08
Peking	+P	06 34
	PP	06 53
	S	10 22
Zose	eP	06 38
	eS	10 29
Nanking	eP	06 51
Lanchow	eP	07 19
	eS	11 45
Lanchow	P	08 15
Kunming	P	09 10
	eS	15 00
Lhasa	+P	10 03
	PP	11 54
	eS	16 39

1.IV Peking eP 15 48 41

Kunming	+iP	48 50
Lanchow	+iP	49 14
Lhasa	+P	49 48

1.IV Epc: $3^{\circ}S$, $144^{\circ}\frac{1}{4}E$
O: 03-11-11
h: 80km, M: 6

Canton	eP	12 18 39
	pP	18 59
	sP	19 05

2.IV Epc: $19^{\circ}N$, $146^{\circ}E$

O: 00-14-50
h: 180km, M: 4

2.IV Zose	-P	00 20 02
	pP	20 37
Canton	sS	25 22
	eP	20 49
	S	25 36
Peking	sS	26 46
	eP	21 09
	S	26 13
Paotow	sS	27 20
	eP	21 47
	pP	22 24
Chengtu	S	27 20
	sS	28 32
	P	22 04
Kunming	(sP)	23 07
	eP	22 11
	pP	22 49
Lanchow	sP	23 10
	iS	28 05
	sS	29 14
Lhasa	ScS	31 55
	P	22 13
	pP	22 53
Lhasa	S	28 08
	P	23 32
	pP	24 14
	(PP)	25 21
	S	30 33
	sS	31 43
	ScS	33 00

5.IV Peking	eP	16 35 53
	sP	36 13
Sian	S	44 49
	sS	45 09
	eP	36 04
Kunming	-iP	36 10
	pP	36 24
Chengtu	sP	36 27
	iS	45 23
	P	36 16
Paotow	S	45 32
	eP	36 19
Lanchow	eS	45 40
	-P	36 31
	pP	36 46
Lhasa	sP	36 52
	iS	46 03
	-P	37 14
	sP	37 33
	S	47 25
	sS	48 04

4.V Epc: Moluccas Is.
(摩鹿加群岛)
O: 03-29-(19)

Peking	P	03 37 02
Lanchow	P	37 15
Lhasa	eP	37 47
	S	44 33

3.IV Epc: $11^{\circ}\frac{1}{2}S$, $165^{\circ}\frac{1}{4}E$
O: 16-24-54
h: 45km, M: $5\frac{3}{4}$

Zose	eP	16 34 55
	S	42 59
	sS	43 20
	SS	46 58
Canton	P	35 08
	sP	35 24
	iS	43 24
Nanking	P	35 11
	pP	35 25
	sP	35 28
Changchun	S	43 31
	sS	43 51
	P	35 37
	pP	35 48
	(sP)	35 52
	eS	44 17
	sS	44 38

4.IV Epc: $27^{\circ}\frac{1}{4}N$, $99^{\circ}\frac{1}{2}E$
O: 10-51-15
M: $4\frac{1}{2}$

Kunming	-P _n	10 52 19
	P̄	52 31
	S _n	53 09
Chengtu	S̄	53 24
	P̄	52 51
	S _n	53 29
Lhasa	S̄	53 54
	eP	53 15
Lanchow	S	54 43
	eP	53 34
Peking	eS	55 19
	eP	55 34
Zose	e(S)	58 59
	e(S)	59 22

~~4.IV~~ Changchun e(P) 10 56 55
 e(S) 11 01 29

~~7.IV~~ Canton PP 06 29 10
 eS 33 21
 sS 33 34

5.IV Epc: $23^{\circ} \frac{1}{2} N$, $114^{\circ} \frac{1}{2} E$
 O: 13-10-12, M: $4 \frac{1}{8}$
 Canton +1P 13 10 39
 iS 10 55
 Chengtu iS 15 04
 Lanchow P 13 47
 Lhasa eP 15 08
 Changchun e(P) 15 15

Changchun P 28 51
 PP 28 59
 PP 30 17
 eS 34 38
 sS 34 49
 Peking +P 29 03
 pP 29 11
 eP 29 15
 PP 30 36

6.IV Epc: $34^{\circ} .2 N$, $104^{\circ} .3 E$
 O: 12-41-33, M: $3 \frac{3}{4}$

iS 34 59
 sS 35 14
 Sian +P 29 15
 pP 29 24
 sP 29 28
 iS 35 21
 sS 35 34
 Kunming e(P) 29 33
 pP 29 41
 PP 31 14
 S 35 50
 sS 36 02

Lanchow ePn 12 42 15
 P 42 16
 S 42 45
 Sian e(Pn) 42 29
 P 42 40
 S 43 24
 Chengtu e(P) 42 46
 Sn 43 19
 S 43 31

Chengtu eP 29 34
 pP 29 42
 iS 35 55
 sS 36 07
 Lanchow +P 29 53
 pP 30 00
 sP 30 06
 S 36 29
 sS 36 43
 Lhasa eP 30 38
 eS 36 28
 sS 38 41

6.IV Nanking ePKP 17 09 32
 PP 12 07
 Peking PKP 09 40
 PP 12 21
 Changchun PP 12 49
 Sian PKP 09 46
 PP 12 59
 Chengtu PKP 09 55
 Lanchow PKP 09 56
 Kunming PKP 09 58
 Lhasa PKP 10 15

7.IV Epc: $10^{\circ} \frac{1}{2} N$, $145^{\circ} E$
 O: 06-21-38
 h: 30km ca, M: $5 \frac{1}{4}$

9.IV Epc: $7^{\circ} S$, $124^{\circ} \frac{1}{2} E$
 O: 08-54-31

Zose +P 06 27 46
 pP 27 53
 PP 28 40
 S 32 41
 sS 32 54
 Nanking P 28 06
 pP 28 14
 sP 28 17
 PP 29 18
 S 33 18
 sS 33 31
 Canton eP 28 08
 sP 28 21

Canton +P 09 01 04
 eS 06 17
 Kunming P 01 58
 eS 07 54
 Nanking eP 02 08
 S 08 13
 Chengtu eP 02 28
 S 08 50
 Sian +P 02 41
 S 09 14
 Lanchow eP 03 07
 Pe.ing eP 03 10
 eS 10 09
 Lhasa +P 03 17

9.IV Lhasa S 09 10 17
 Changchun eP 03 34

10.IV Canton PKP2 04 58 31
 ePP 05 01 53
 pPP 02 31

9.IV Epc: $8^{\circ}\frac{1}{2}N$, $126^{\circ}\frac{3}{4}E$
 O: 10-23-41, h: 50km ca

10.IV Epc: $38^{\circ}N$, $19^{\circ}\frac{1}{2}E$
 O: 21-37-09
 h: 30km, M: $5\frac{3}{4}$

Canton eP 10 28 05
 sP 28 26
 eS 31 39
 Zose eP 28 46
 sP 29 06
 S 32 57
 SS 33 53
 Peking eP 30 15
 sP 30 32
 S 35 30
 Lanchow eP 30 30
 Lhasa eP 31 13
 S 37 15

Lhasa +P 21 47 05
 sP 47 19
 PP 49 17
 S 55 03
 Chengtu eP 48 07
 sP 48 20
 iS 57 03
 Sian +iP 48 18
 sP 48 32
 S 57 24
 Kunming eP 48 19
 sP 48 33
 S 57 22

10.IV Epc: $28^{\circ}S$, $69^{\circ}\frac{1}{2}W$
 O: 04-38-31, h: 130km

Peking eP 48 28
 sP 48 41
 PPP 52 52
 S 57 43
 Nanking eP 49 04
 sP 49 17
 PP 52 01
 iS 58 53
 Canton eP 49 13
 sP 49 27
 S 59 10
 Zose P 49 16
 sP 49 29
 PP 52 21
 S 59 15
 sS 59 33

Lhasa ePKP1 04 56 17
 pPKP1 56 52
 PP 05 00 55
 pPP 01 41
 Peking ePKP 04 56 20
 pPKP1 56 55
 PKP2 58 13
 ePP 05 01 16
 Zose PKP1 04 56 23
 pPKP1 56 58
 PP 05 01 28
 pPP 02 15
 SKKS 08 09
 Lanchow ePKP1 04 56 23
 pPKP1 56 58
 ePP 05 01 28
 Nanking PKP1 04 56 24
 pPKP1 56 59
 PKP2 58 35
 ePP 05 01 40
 pPP 02 27
 Chengtu PKP1 04 56 25
 pPKP1 56 59
 PP 05 01 46
 pPP 02 23
 SKKS 08 44
 Sian PKP1 04 56 25
 pPKP1 56 59
 PP 05 01 48
 Canton PKP1 04 56 25
 epPKP1 57 00

10.IV Epc: $37^{\circ}\frac{3}{4}N$, $136^{\circ}\frac{1}{2}E$
 O: 23-54-10
 M: $4\frac{1}{2}$, Deep focus

Zose -iP 23 57 12
 eS 59 37
 Nanking -P 57 27
 Peking -iP 57 32
 iS 24 00 15
 Sian eP 23 58 37
 Canton eP 58 58
 Lanchow -P 59 09
 Chengtu eP 59 24
 Kunming eP 59 55
 Lhasa eP 24 00 56

11.IV ~~Epc: Ryukyu Is.~~
 (琉球群島)
 O: 09-19-29, M: 4

Zose	eP	09 21 10
	eS	22 27
Nanking	eP	21 40
	eS	23 19
Peking	eP	23 14
	e(S)	26 13
Changchun	iP	23 26
Sian	eP	23 30
Paotow	eP	23 55
Chengtu	eP	24 09
	eS	27 52
Lanchow	eP	24 16
Kunming	eP	24 42

11.IV ~~Epc: 37°³N, 20° E~~
 O: 10-47-25

Lanchow	eP	10 58 06
Paotow	eP	58 21
	eS	11 07 14
Chongtu	P	10 58 27
	eS	11 07 24
Sian	eP	10 58 36
Kunming	eP	58 38
	e(S)	11 07 46
Peking	eP	10 58 47
	eS	11 08 03
Nanking	eP	10 59 23
Zose	eP	59 36

11.IV ~~Epc: 8°¹N, 127° E~~
 O: 10-57-36, M: 5

Canton	eP	11 02 06
Zose	eP	02 42
	S	06 50
Nanking	eP	02 58
	eS	07 18
Kunming	eP	03 29
Peking	eP	04 11
	eS	09 27
Changchun	eP	04 32
	eS	10 04
Paotow	eP	04 32
	eS	10 05

12.IV ~~Epc: 37°³N, 143° E~~
 O: 00-52-32, M: 7

Changchun	iP	00 56 03
	iS	58 48
Zose	+iP	56 59
	PP	57 15
	S	01 00 30
Nanking	+iP	00 57 15
Peking	iP	57 17
	S	01 01 05
Paotow	iP	00 58 05
	iS	01 02 33
Sian	+iP	00 58 25
Canton	iP	58 42
	PP	59 43
	iS	01 03 38
Lanchow	+iP	00 58 56
Chengtu	+iP	59 10
	iS	01 04 23
Kunming	+iP	00 59 42
	PP	01 01 11
Lhasa	+iP	00 42
	iS	07 13

12.IV ~~Epc: 37°³N, 143° E~~
 O: 05-15-54, M: 5¹/₄

Changchun	P	05 19 26
	S	22 13
Zose	eP	20 21
	PP	20 39
	eS	23 50
	SS	24 17
Nanking	P	20 37
Peking	eP	20 40
	eS	24 29
Paotow	P	21 27
Sian	+iP	21 48
	eS	26 29
Canton	+P	22 04
	eS	26 57
Lanchow	+P	22 19
	eS	27 31
Chengtu	P	22 33
	eS	27 50
Kunming	+iP	23 04
Lhasa	+P	24 04
	eS	30 30

12.IV ~~✓~~ Epc: $24^{\circ}\frac{1}{2}N$, $123^{\circ}\frac{1}{2}E$
 O: 16-20-36, M: $4\frac{3}{4}$

Zose	eP	16	22	20
	eS		23	39
Nanking	eP		22	43
	eS		24	20
Canton	eS		24	47
Peking	eP		24	37
	eS		27	46
Chengtu	eP		24	54
	S		28	24
Kunming	eP		25	01
	eS		28	32
Paotow	eP		25	12
	eS		28	50
Changchun	+P		25	14
	iS		28	56
Lanchow	eP		25	19
	eS		29	01

13.IV ~~✓~~ Lanchow +iP 18 40 06

	sp		40	11
	eS		43	27
Paotow	eP		40	10
	eS		43	38
Lhasa	P		40	29
	sp		40	36
	S		44	14
Sian	iP		40	50
	sp		40	57
	eS		44	53
Chengtu	P		40	57
	eS		45	05
Peking	eP		40	57
	eS		45	07
Changchun	eP		41	36
Kunming	eP		41	40

12.IV ~~✓~~ After shock of the Seism
 of 12 April at 00h 52m
 O: 23-16-(33), M: $4\frac{1}{4}$

Zose	eP	23	21	01
Peking	eP		21	18
Lanchow	eP		22	57

14.IV ~~✓~~ Epc: $37^{\circ}N$, $143^{\circ}E$
 O: 16-49-57, M: $4\frac{1}{4}$

Changchun	P	16	53	29	
	S		56	19	
Zose	eP		54	23	
Nanking	P		54	38	
Peking	eP		54	40	
	eS		58	26	
Paotow	eP		55	30	
	eS		59	57	
Sian	eP		55	48	
Lanchow	eP		56	19	
	eS		17	01	23
Kunming	eP		16	57	05

13.IV ~~✓~~ Epc: $25^{\circ}\frac{1}{2}N$, $91^{\circ}\frac{1}{2}E$
 O: 03-12-47, M: $4\frac{1}{4}$

Lhasa	P _n	03	13	51
	P		14	07
	iS		15	03
Kunming	eP		15	15
Chengtu	eP		15	41
Lanchow	+P		16	16
	eS		19	14
Canton	eS		21	07
Paotow	eP		17	35
	eS		21	41
Peking	eP		18	14
	eS		22	52

14.IV ~~✓~~ Epc: $38^{\circ}N$, $143^{\circ}E$
 O: 18-42-50, M: 4

Changchun	P	18	46	22
Zose	eP		47	24
Peking	eP		47	35
	e(S)		51	23
Lanchow	eP		49	14
Kunming	eP		49	57

13.IV ~~✓~~ Epc: $50^{\circ}N$, $86^{\circ}\frac{1}{2}E$
 O: 18-35-47
 h: 15km, M: 5

15.IV ~~✓~~ Epc: Honshu, Japan
 (日本本州)
 O: 07-31-(51)

Zose eP 07 36 06

15.IV Peking eP 07 36 35
 eS 40 22
 Lanchow eP 38 12
 Kunming eP 38 53

Epc: 14° N, 121° E
 O: 11-35-30
 h: 110km ca, M: $4\frac{1}{2}$

Canton eP 11 38 13
 Zose +P 39 26
 eS 42 36
 Nanking P 39 38
 esP 40 14
 eS 42 55
 Kunming +iP 40 02
 eS 43 43
 Chengtu +iP 40 26
 S 44 24
 Sian +iP 40 28
 Peking +P 40 59
 esP 41 34
 Lanchow +P 41 03
 sP 41 38
 eS 45 31
 Paotow eP 41 18
 Lhasa eP 41 46
 eS 46 46

16.IV Epc: $30^{\circ}\frac{1}{2}$ N, 141° E
 O: 13-20-06
 h: 120km, M: 6

Zose +iP 13 24 02
 sP 24 34
 iS 27 12
 sS 27 54
 Changchun +iP 24 15
 ePP 24 36
 S 27 33
 Nanking +iP 24 24
 PP 24 46
 sP 24 56
 iS 27 53
 sS 28 37
 Peking +P 24 57
 pP 25 22
 S 28 51
 sS 29 36
 CoS 36 03

16.IV Canton eP 13 25 29
 pP 25 54
 sP 26 04
 isS 30 38
 Paotow eP 25 41
 S 30 10
 Sian P 25 42
 pP 26 08
 sP 26 28
 S 30 13
 Lanchow P 26 20
 epP 26 45
 ePPP 27 38
 S 31 15
 esS 32 00
 Chengtu P 26 22
 pP 26 47
 iS 31 19
 sS 33 02
 Kunming +P 26 43
 pP 27 09
 S 31 58
 iScP 32 57
 SS 33 59
 Lhasa +P 27 58
 epP 28 24
 iScP 33 31
 S 34 12
 sS 35 03
 SS 37 34
 iScS 37 48

17.IV Epc: North Burma,
 (缅甸北部)
 O: 11-51-(09), M: $4\frac{3}{4}$

Kunming eP 11 52 36
 eS 53 42
 Lhasa eP 52 58
 eS 54 24
 Chengtu eS 55 27
 Lanchow eP 54 19
 Peking eP 55 55

17.IV Epc: $37^{\circ}\frac{3}{4}$ N, 142° E
 O: 20-54-04, M: $4\frac{3}{4}$

Changchun P 20 57 29
 eS 21 00 08
 Zose eP 20 58 26

17.IV

Nanking	eP	20 58 40
Peking	eP	58 41
	eS	21 02 30
Paotow	eP	20 59 29
Sian	+iP	59 51
Lanchow	eP	21 00 21
Changtu	eP	00 35
Kunming	+P	01 07
Lhasa	P	02 07
	eS	08 33

18.IV

Lhasa	PP	19 38 48
	SKKS	45 35
Chengtu	+iPKP1	34 36
	pPKP1	34 50
	PKP2	35 12
	pPKP2	35 25
	PP	38 51
	pPP	39 05
	SKKS	45 38
Canton	+PKP1	34 40
	pPKP1	34 55
	PKP2	35 27
	pPKP2	35 40
	PP	39 10
	ipPP	39 24
Kunming	+iPKP1	34 41
	pPKP1	34 56
	PKP2	35 37
	pPKP2	35 50
	PP	39 20
	pPP	39 32

18.IV Epc: (47° $\frac{1}{4}$ N, 118°E)
 O: 19-05-09, M: 3 $\frac{1}{2}$

Changchun	eP	19 06 54
	S	08 04
Peking	Pn	06 38
	P	07 01
	S	08 23

18.IV Epc: Peru.
 (秘魯)
 O: 19-14-43
 h: 46km, M: 6

Changchun	iPKS	19 37 40
Peking	+iPKP	34 19
	pPKP	34 33
	PP	37 46
	SKKS	44 31
Paotow	PKP1	34 20
	iPKP2	34 22
	pPKP2	34 37
	ePP	37 49
	pPP	38 03
Zoso	+PKP	34 25
	PP	38 11
	pPP	38 27
Nanking	+iPKP	34 25
	PP	38 15
Lanchow	PKP	34 26
	SKKS	45 09
Sian	+iPKP1	34 31
	pPKP1	34 46
	PKP2	35 06
	pPKP2	35 21
	PP	38 27
	pPP	38 42
Lhasa	PKP	34 35
	pPKP	34 49

19.IV Epc: 15°S, 168°E
 O: 22-15-20
 h: 140km, M: 5

Zoso	eP	22 25 37
	sP	26 28
	S	34 00
Canton	eP	25 50
	sP	26 39
	S	34 20
Nanking	eP	25 53
	sP	26 53
	S	34 30
Changchun	P	26 18
	sP	27 08
	S	35 18
Peking	eP	26 35
	sP	27 25
	S	35 48
Sian	eP	26 44
	sP	27 34
	eS	36 03
Kunming	P	26 47
	isP	27 37
	eS	36 12
Chengtu	eP	26 54
	sP	27 44
	S	36 21
Paotow	eP	26 59

19.IV Paotow	sP	22 27 49
Lanchow	eP	27 07
	esP	27 57
	eS	36 52
Lhasa	-P	27 46
	esP	28 36
	SKS	37 49
	eS	38 06
	ess	39 10

20.IV Peking	+iPKP	06 06 44
	PP	08 03
	ePPP	10 44
	SKS	14 01
	SKKS	15 19
	PS	18 11
Lanchow	PKP	06 54
	iPP	08 34
Sian	iPKP	06 57
	pPKP	07 11
	PP	08 49
Nanking	+iPKP	06 58
	pPKP	07 13
	iPKS	09 15
	ePP	08 53
	iPPP	11 37
	eSKKS	15 47
	PS	19 28
Zose	PKP	06 58
	pPKP	07 13
	PP	08 58
	SKP	10 33
	PPP	11 56
Lhasa	+iPKP	07 01
	ePP	09 02
Chengtu	iPKP	07 03
	pPKP	07 18
	ePP	09 14
	iPKS	10 23
	PS	49 38
Kunming	+iPKP	07 14
	pPKP	07 29
	ePP	09 42
	iPKS	10 44
Canton	+iPKP	07 18
	epPKP	07 36
	PP	09 52
	PKS	10 52

19.IV Epc: $69^{\circ}\frac{1}{2}N$, $140^{\circ}E$
 O: 23-16-06, M: 6

Changchun	P	23 21 47
	eS	26 20
Peking	eP	22 35
	eS	27 48
Paotow	eP	22 43
	eS	28 03
Lanchow	eP	25 32
	iPP	25 08
	eS	29 24
Sian	P	23 56
Nanking	eP	23 38
	PP	24 11
	eS	29 39
Zose	eP	23 41
	eS	29 43
Chengtu	eP	24 13
	PP	25 55
	S	30 44
Canton	eP	24 55
	PP	26 53
	eS	31 58
Lhasa	eP	24 50
	eS	31 47
Kunming	eP	24 56
	iS	32 05
	SS	35 52

20.IV Epc: $24^{\circ}\frac{1}{2}N$, $106^{\circ}E$
 O: 07-28-12, M: $4\frac{1}{2}$

20.IV Epc: $21^{\circ}N$, $71^{\circ}W$
 O: 05-48-01
 h: 50km, M: $6\frac{1}{2}$

Changchun	ePKP	06 06 33
	PP	07 27
Paotow	PKP	06 43
	PP	08 03
	SKS	14 03

Kunming	eP _n	07 29 00
	P	29 10
	S _n	29 37
	S	29 49
Canton	eS	31 01
	iS	31 54
Chengtu	e(P _n)	29 55
	eP	30 28
	S _n	31 10
	iS	31 57

20.IV Lanchow eP 07 31 06
 eS 33 19
 Peking eP 32 26

21.IV Nanking eP 07 57 39
 Changchun -iP 57 55
 Kunming eP 58 21
 Chengtu -iP 58 28

21.IV Canton +iP 21 25 56
 Zose +iP 26 05
 Nanking +P 26 23
 Kunming +eP 26 58
 Sian +iP 27 17
 Peking P 27 19
 Chengtu +iP 27 22
 Paotow oP 27 45
 Lanchow +iP 27 49

22.IV Chengtu ePKP 05 04 28
 pPKP 04 49
 PP 06 48
 pPP 07 07
 Canton ePKP 04 34
 pPKP 04 55
 ePP 07 20
 Lhasa ePKP 04 37
 Kunming ePKP 04 38
 pPKP 04 59
 PP 07 21
 Peking ePP 07 52

22.IV Changchun eP 18 53 56
 e(S) 56 57
 Zose eP 54 31
 eS 58 06
 Peking eP 55 17
 Lanchow P 56 56

22.IV Epc: New Hebrides Is.
 (新赫布里底群岛)
 O: 02-10-07, Deep focus

Peking eP 02 21 37
 iS 31 06
 Kunming eP 21 47
 (sP) 22 45
 eS 31 22
 Paotow eP 21 49
 e(S) 31 50
 Chengtu S 31 37
 Lanchow eP 22 11
 S 32 08

22.IV Epc: 31°⁰¹N, 131°⁰¹E
 O: 19-15-22
 h: 160km, M: 5

Zose eP 19 17 27
 S 19 03
 Nanking P 17 57
 S 19 57
 Changchun iP 18 26
 sP 19 07
 iS 20 50
 Peking P 18 46
 (pP) 19 16
 sP 19 30
 S 21 28
 Canton eP 19 31
 pP 20 10
 sP 20 18
 S 22 50
 Sian +P 19 35
 isP 20 26
 S 22 59
 Paotow +P 19 39
 pP 20 07
 sP 20 28
 S 23 06
 Lanchow +iP 20 19
 pP 20 53
 S 24 18
 Chengtu +iP 20 20

22.IV Epc: 16°⁰¹N, 94°⁰⁰W
 O: 04-15-28, h: 75km

Zose ePKP 05 04 12
 ePP 05 51
 SKKS 12 41
 Nanking e(PKP) 04 13
 ePP 05 44
 Sian PKP 04 18
 pPKP 04 39
 PP 06 11
 Lanchow +PKP 04 19
 pPKP 04 39
 PP 06 10

22.IV Chengtu iS 19 24 20 23.IV Paotow eP 06 03 33
 Kunming eP 20 54
 eS 25 10
 Sian -iP 04 01
 -iP 04 05
 S 08 46

23.IV Epc: 23° 6N, 106° 1E
 O: 04-18-01, M: 5

Kunming	ePn	04 18 56	Lanchow	iP	04 28
	P	19 06		iP	04 32
	S _n	19 35		iS	09 32
	S	19 50	Canton	-iP	04 32
Canton	ePn	19 45		-iP	04 36
	P	20 15		iS	09 38
	S _n	20 57	Chengtu	-P	04 48
	iS	21 42		-iP	04 52
Chengtu	ePn	19 50		iS	10 08
	eP	20 20	Kunming	-iP	05 24
	iS _n	21 06		-iP	05 28
	iS	21 56		iPP	06 50
Sian	P	20 38		iPoP	07 48
	S	22 35		iS	11 12
	S	22 49	Lhasa	eP	06 15
Lanchow	eP	21 04		S	12 40
	eS	23 15			
Lhasa	eP	21 32			
Zose	eP	21 40			
	e(S)	24 27			
Paotow	e(P)	22 05			
	eS	23 01			
Peking	eP	22 20			
	eS	25 35			
Changchun	eP	23 36			
	eS	27 55			

23.IV Epc: 35° 1N, 103° 4E
 O: 19-48-31, M: 4

Lanchow	iP	19 48 55
	iS	49 09
Chengtu	eP	50 00
	eS	50 59
Sian	P	50 00
	eS	51 00

23.IV Epc: 42° 1N, 143° 2E
 O: 05-58 -08, M: 6 3/4

Changchun	-iP	06 01 20
	-iP	01 24
	iS	03 50
Peking	P	02 47
	-iP	02 51
	iS	06 30
Zose	eP	02 52
	iP	02 56
	iS	06 44
Nanking	eP	03 03
	iP	03 07
	S	07 03

24.IV Epc: 35° 1N, 121° 3E
 O: 09-15-00

Nanking	ePn	09 16 10
	S _n	17 03
Zose	ePn	16 11
	S _n	17 05
Peking	S _n	17 51

25.IV Epc: 38° N, 142° E
 O: 15-47-30, M: 6

Changchun	+iP	15 50 46
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25.IV ✓

Changchun	iS	15 53 18
Zose	+iP	51 45
	S	55 12
Nanking	+P	52 00
	(S)	56 32
Peking	+iP	52 01
Paotow	+P	52 49
	eS	57 04
Sian	+iP	53 11
Canton	+iP	53 28
	S	58 15
Lanchow	P	53 40
Chengtu	+iP	53 56
	S	59 03
Kunming	+iP	54 27
	PP	55 50
	S	16 00 03
Lhasa	+iP	15 55 28
	S	16 01 47

26.IV ✓

Kunming	SKS	07 47 55
	S	48 15
Chengtu	eP	38 22
	SKS	47 58
	iS	48 23
Lanchow	eP	38 34
	SKS	48 11
	eS	48 43

25.IV ✓ After shock.
M: 5

Changchun	eP	19 53 12
Zose	eP	54 12
Nanking	eP	54 27
Peking	eP	54 27
Sian	P	55 36
Canton	eP	55 56
Lanchow	eP	56 05
Kunming	eP	56 54

27.IV ✓ Epc: 45°S, 76°W
O: 06-47-34, h: 50km

Canton	PKP	07 07 23
	PP	11 36
Kunming	ePKP	07 27
	pPKP	07 44
	ePP	11 54
Zose	ePKP	07 27
	PP	11 54
Nanking	ePKP	07 29
	epPKP	07 47
	PP	12 03
Changchun	+PKP	07 30
	PP	12 14
Lhasa	PKP	07 32
Chengtu	PKP	07 32
	PP	12 19
	SKKS	19 09
Peking	+PKP ₁	07 35
	pPKP ₁	07 50
	PKP ₂	08 50
	PP	12 44
Lanchow	ePKP ₁	07 36
	PKP ₂	08 57
	ePP	12 49
	SKKS	19 39
Sian	+PKP	07 35
	pPKP	07 52
	PP	12 36
Paotow	ePKP	07 37
	pPKP	07 54
	PP	13 00

26.IV ✓ Epc: Fiji Is.
(菲吉群岛)
O: 07-26-25, M: 5
Deep focus

Zose	eP	07 37 13
	eS	46 09
Nanking	eP	37 26
	iS	46 36
Canton	eP	37 28
	S	46 37
Changchun	P	37 38
	S	46 58
Peking	+P	37 56
	SKS	47 25
	S	47 29
Sian	eP	38 09
	iS	48 01
Kunming	eP	38 18

28.IV ✓ Epc: 36°N, 26° $\frac{1}{2}$ E
O: 11-18-57
h: 70km ca, M: 5 $\frac{1}{2}$

Lhasa	eP	11 28 19
	eS	35 46
Lanchow	eP	29 08
	pP	29 26

28.IV ✓

Lanchow	S	11 37 20
	ScS	38 58
Chengtū	P	29 24
	S	37 51
	ScS	39 14
Paotow	eP	29 23
	pP	29 43
	S	37 53
Kunming	eP	29 35
	eS	38 10
Sian	+P	29 38
	pP	29 56
	S	38 18
Peking	eP	29 52
	pP	30 10
	S	38 47
Changchun	eP	30 15
	pP	30 31
	eS	39 29
Nanking	P	30 27
	iS	39 54
Canton	eP	30 32
	S	40 03
Zose	eP	30 41
	pP	30 59
	S	40 17

28.IV ✓ Epc: 36°N, 26° $\frac{1}{2}$ E
 O: 12-43-47
 h: 70km ca, M: 5 $\frac{1}{4}$

Lhasa	eP	12 53 06
	eS	13 00 35
Lanchow	eP	12 53 59
	eS	13 02 11
Paotow	P	12 54 13
	pP	54 31
	eS	13 02 43
Chengtū	eP	12 54 15
	S	13 02 43
Kunming	eP	12 54 24
	eS	13 03 01
	ScS	04 28
Sian	P	12 54 27
	eS	13 03 07
Peking	eP	12 54 41
	pP	55 00
	eS	13 03 36
Changchun	+P	12 55 06
	pP	55 23
	S	13 04 32

28.IV ✓

Nanking	eP	12 55 17
	eS	13 04 44
Canton	eP	12 55 24
	pP	55 41
	eS	13 04 56
Zose	eP	12 55 29
	eS	13 05 06

30.IV ✓ Epc: 38° $\frac{3}{4}$ N, 141°E
 O: 02-26-29
 h: 100km ca, M: 6 $\frac{1}{4}$

Changchun	+iP	02 29 30
	iS	31 53
Zose	+iP	30 34
	S	33 45
	sS	34 10
Peking	+P	30 48
Nanking	+iP	30 49
	S	34 13
	sS	34 37
Paotow	+P	31 36
	PP	32 14
	S	35 44
	SSS	36 52
Canton	+P	32 19
	PP	33 18
	S	37 01
Lanchow	+P	32 26
	PP	33 24
	S	37 11
Chengtū	+iP	32 43
	PP	33 52
	S	37 43
Kunming	+iP	33 17
	PP	34 39
	iS	38 46
Lhasa	+iP	34 15

30.IV ✓ Epc: 17°N, 147°E
 O: 09-44-08

Zose	eP	09 49 55
	e(S)	54 30
Changchun	eP	50 11
Peking	eP	51 05
	e(S)	56 39
Sian	eP	51 30
	S	57 23
Paotow	eP	51 44

30.IV Paotow eS 09 57 47
 Chengtu eP 51 59
 eS 58 13
 Kunming eP 52 06
 eS 58 28
 Lanchow eP 52 10
 eS 58 35

30.IV Epc: Tonga Is.
 (湯加群島)
 O: 16-16-47
 h: 30km ca, M: 5 $\frac{3}{4}$

Zose eP 16 28 49
 eS 38 45
 Canton eP 29 01
 sP 29 21
 S 39 10
 Nanking -P 29 02
 S 39 07
 Changchun -iP 29 08
 pP 29 16
 S 39 22
 Peking eP 29 28
 pP 29 38
 sP 29 43
 S 40 00
 Sian eP 29 43
 eS 40 33
 Paotow eP 29 51
 pP 29 58
 S 40 45
 Kunming eP 29 51
 sP 30 11
 S 40 46
 Chengtu P 29 58
 S 40 57
 Lanchow eP 30 03
 S 41 07

30.IV Epc: Tonga Is.
 (湯加群島)
 O: 18-30-57, M: 5 $\frac{3}{4}$

Nanking +P 18 43 07
 eS 53 05
 Canton +P 43 09
 e(S) 53 11
 Changchun +P 43 16
 eS 53 32

30.IV Peking +P 18 43 36
 eS 54 07
 Sian eP 43 50
 eS 54 40
 Paotow +P 43 58
 e(S) 55 43
 Kunming eP 43 58
 e(S) 54 56
 Chengtu eP 44 02
 eS 55 49
 Lanchow eP 44 13
 eS 55 25

30.IV Epc: 60 $\frac{1}{2}$ N, 124 $\frac{1}{2}$ E
 O: 20-39-45
 h: 15km, M: 5

Canton eP 20 44 15
 sP 44 21
 S 47 52
 Zose +iP 45 08
 sP 45 14
 eS 49 25
 Nanking eP 45 20
 sP 45 26
 S 49 46
 Kunming eP 45 36
 S 50 16
 Chengtu eP 46 00
 esP 46 06
 S 51 00
 Sian +P 46 04
 sP 46 10
 S 51 07
 Peking +P 46 32
 sP 46 38
 S 51 58
 ScS 56 53
 Lanchow +P 46 39
 sP 46 45
 S 52 10
 Paotow +P 46 50
 S 52 31
 Changchun +iP 46 58
 sP 47 04
 PP 48 30
 eS 52 45

Given by
 S. P. Lee (Chief)
 L. T. Kuo
 1962 VIII, 2

Punched RD
4/5/66
RD

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

1 - 31, May 1962

1.V ~~X~~ Epc: Celebes.
(苏拉威西)
O: 09-54-(21)

Zose	eP	10 00 42
Nanking	eP	00 54
Lanchow	P	01 57
	iS	08 02

2.V ~~X~~ Paotow

Peking

Lanchow
Sian

Chengtu

Kunming

Zose

Nanking

Canton

pPKP1	09 17 10
pPKP2	18 56
PP	20 59
-PKP1	16 15
PKP2	17 06
pPKP1	17 11
pPKP2	18 00
PP	19 49
PKP1	16 16
-iPKP1	16 19
pPKP1	17 16
PKP2	17 30
pPKP2	18 21
PP	21 16
pPP	22 09
-iPKP1	16 19
pPKP1	17 15
PKP2	17 32
pPKP2	18 26
PP	21 23
pPP	22 17
-PKP1	16 19
pPKP1	17 16
PKP2	17 34
pPKP2	18 28
ePP	21 26
pPP	22 20
-PKP1	16 20
pPKP1	17 15
PKP2	17 34
epPKP2	18 29
ePP	21 26
epPP	22 19
-PKP1	16 20
pPKP1	17 15
PKP2	17 37
pPKP2	18 34
PP	21 26
pPP	22 20
-PKP1	16 23
pPKP1	17 19
PKP2	18 17
pPKP2	19 19
PP	22 11

2.V ~~X~~ Epc: 54°⁰¹N, 155°⁰¹W
O: 02-13-22

Changchun	P	02 52 15
Peking	eP	53 11
Zose	eP	53 38
	eS	03 01 55
Sian	eP	02 54 07
Lanchow	P	54 13
Chengtu	eP	54 39
	S	03 03 53

2.V ~~X~~ Epc: 53° N, 142°⁰¹E
O: 06-15-14, M: 5

Changchun	eP	06 18 38
Peking	eP	20 10
	eS	24 07
Paotow	eP	20 42
	eS	25 05
Zose	eP	20 52
	eS	25 23
Nanking	eS	25 35
Lanchow	P	21 38
Kunming	eP	22 53

2.V ~~X~~ Epc: South Bolivia.
(玻利维亚南部)
O: 08-56-40, h: 210km

Changchun	-PKP1	09 16 07
	ePP	20 18
Lhasa	PKP1	16 12
Paotow	-PKP1	16 14
	PKP2	17 05

2.V ~~X~~ Epc: South Bolivia,
(玻利维亚南部)
O: 12-33-18, h: 210km

2.V	Changchun	ePKP ₁	12 52 43
		+PKP ₂	53 17
		ePP	56 54
	Peking	ePKP ₁	52 52
		ePKP ₂	53 44
		ePP	57 28
		epPP	58 31
	Chongtu	ePKP ₁	52 57
		epPKP ₁	53 51
		SKKS	13 04 25
	Sian	-PKP ₁	12 52 57
		+PKP ₂	54 09
	Zose	epPKP ₁	53 51
		-PKP ₂	54 12
		ePP	58 04
		eSKKS	13 06 05
	Nanking	ePP	12 58 04
	Kunming	ePKP ₁	52 57
		ePP	58 06
		SKKS	13 04 32
	Canton	epPKP ₁	12 54 02
		+PKP ₂	55 00
		pPKP ₂	55 47
		PP	58 51
		pPP	59 46
		SKKS	13 05 16

3.V	Lhasa	PKP	03 54 09
	Kunming	ePKP	54 11
		ePP	56 40
		SKP	57 42
	Canton	ePKP	54 14
		epPKP	54 26
		eSKP	57 52
	Chengtu	ePKP	54 19
		eSKP	57 57
	Lanchow	PKP	54 24
		SKP	58 06
	Sian	PKP	54 27
		pPKP	54 40
		PP	57 32
	Zose	ePKP	54 31
		iPKP	54 33
		pPKP	54 45
	Nanking	PKP	54 32
		iPKP	54 35
		pPKP	54 46
	Paotow	ePKP	54 38
	Peking	PKP	54 40
	Changchun	PKP	54 50

3.V Epc: 26°N, 95°E
 O: 20-37-13, M: 4½

Lhasa	eP	20 38 35
Kunming	eP	39 05
	eS	40 31
Chengtu	eS	41 11
Lanchow	eP	40 10
Nanking	eS	46 04

4.V Epc: 23°N, 123°E
 O: 10-10-16, M: 4¼

Zose	eP	10 12 12
	eS	13 41
Nanking	eS	14 28
Chengtu	eP	14 34
	eS	17 56
Kunming	eP	14 39
Lanchow	P	15 04

5.V Epc: 34°N, 140°E
 O: 11-11-40, M: 5½

Changchun	-iP	11 15 13
	isP	15 22

3.V Epc: South Sandwich Islands,
 (南桑德韋奇群島)
 O: 03-34-59, h: 50km

5.V	Changchun	eS	11 18 02
	Zose	eP	15 28
		si ²	15 40
		eS	18 27
	Nanking	eP	15 49
		S	19 09
	Peking	-P	16 14
		eS	19 54
	Paotow	eP	17 02
		eS	21 23
	Sian	-P	17 10
	Canton	eP	17 15
		eS	21 39
	Lanchow	P	17 45
	Chengtū	P	17 52
		S	22 50
	Kunming	eP	18 20
		S	23 40

6.V	Lanchow	PKP	22 13 20
	Sian	PKP	13 25
	Zose	ePKP	13 29
		ePP	17 03
	Nanking	PKP	13 30
		ePP	17 08
	Paotow	ePKP	13 35
	Peking	ePKP	13 38

6.V Epc: South Sandwich Islands.
(南桑德韋奇群島)
O: 22-34-44

	Lanchow	PKP	22 54 17
	Sian	PKP	54 19
	Zose	PKP	54 27
	Nanking	PKP	54 27
		ePP	58 08
	Peking	ePKP	54 34
		ePP	58 23

6.V Epc: South Sandwich Islands.
(南桑德韋奇群島)
O: 19-00-10, M: 6 $\frac{1}{2}$

	Lhasa	PKP	19 19 27
		PKS	23 02
	Kunming	+PKP	19 30
		PP	22 04
		PKS	23 07
	Chengtū	ePKP	19 31
		+iPKP	19 38
		PKS	23 19
	Canton	ePKP	19 34
		ePP	22 14
	Lanchow	PKP	19 44
	Sian	ePKP	19 45
		+iPKP	19 47
	Zose	ePKP	19 49
		-PKP	19 50
	Nanking	-iPKP	19 51
	Paotow	PKP	19 56
	Peking	PKP	19 59
		PKS	23 36
	Changchun	-iPKP	20 06

7.V Epc: 45°N, 147°E
O: 17-39-54
h: 25km, M: 6 $\frac{3}{4}$

	Changchun	-iP	17 43 22
		iS	46 28
	Peking	+P	44 57
		sP	45 07
		S	49 07
	Zose	+iP	45 11
		sP	45 22
		S	49 31
	Nanking	+iP	45 20
		sP	45 30
		S	49 42
	Paotow	P	45 37
	Sian	P	46 09
		sP	46 18
		PP	47 25
	Lanchow	-iP	46 33
		S	51 50
	Canton	+P	46 45
		sP	46 54
		eS	52 13
	Chengtū	iP	46 56
		sP	47 07
		PPP	48 37
		S	52 36

6.V Epc: South Sandwich Islands.
(南桑德韋奇群島)
O: 21-53-45

	Kunming	ePKP	22 13 06
		ePP	15 44

7.V Kunming +iP 17 47 32
 sP 47 43
 PP 49 08
 iS 53 39
 Lhasa +iP 48 18
 PP 50 03

9.V Changchun P 11 23 29
 eS 27 00
 Peking eP 24 47
 eS 29 25
 Zose eP 24 59
 Sian P 25 56
 Lanchow P 26 17
 Chengtu eP 26 41
 Kunming eP 27 17
 eS 33 58
 Lhasa eP 27 58

7.V Epc: 45°N, 147°⁰¹/₂E
 O: 22-54-49, M: 4¹/₂
 Changchun eP 22 58 30
 S 23 01 28
 Peking eP 22 59 58
 S 23 04 08
 Zose eP 00 13
 eS 04 35
 Nanking eP 00 20
 eS 04 50
 Paotow P 00 40
 Lanchow P 01 13

9.V Epc: 28°⁰¹/₂N, 130°⁰¹/₂E
 O: 18-19-59, M: 4³/₄
 Zose P 18 22 08
 eS 23 49
 Nanking eP 22 38
 eS 24 41
 Peking eP 23 52
 Changchun P 23 45
 Chengtu eP 25 05
 S 29 14
 Lanchow P 25 13
 S 29 30
 Kunming eP 25 28

8.V Epc: (45°N, 147°⁰¹/₂E)
 O: 13-34-(43), M: 4
 Changchun eP 13 38 28
 Peking eP 39 52
 Paotow eP 40 34
 eS 45 23
 Lanchow eP 41 28

10.V Epc: South Alaska,
 (南阿拉斯加)
 O: 00-03-37
 h: 60km, M: 5¹/₄

8.V Epc: 45°N, 147°⁰¹/₂E
 O: 16-24-42
 Changchun -iP 16 28 27
 eS 31 24
 Peking eP 29 53
 Zose eP 30 03
 eS 34 12
 Nanking eP 30 13
 Paotow eP 30 35
 Lanchow iP 31 31
 Canton eP 31 40
 Chengtu eP 31 52
 Kunming P 32 28

Changchun -iP 00 12 30
 pP 12 46
 iS 19 38
 Peking -P 13 22
 pP 13 38
 S 21 13
 ScS 23 03
 Nanking -iP 14 00
 pP 14 16
 Sian -P 14 16
 pP 14 32
 S 22 55
 Lanchow iP 14 19
 iS 23 01
 Chengtu -iP 14 48
 pP 15 04
 S 23 54

9.V Epc: 47°N, 153°E
 O: 11-19-02, M: 4¹/₄

10.V Canton S 00 24 26
 Kunming iS 24 56

10.V Epc: New Zealand.
 (新西兰)
 O: 00-27-20

Canton +P 00 39 46
 Zose P 39 55
 S 50 20
 Nanking eP 40 05
 Kunming eP 40 25
 SKS 50 57

10.V Epc: 52°N, 169°W
 O: 05-12-15
 h: 60km, M: 5 $\frac{3}{4}$

Changchun +iP 05 20 07
 Peking +iP 21 08
 pP 21 24
 eS 28 13
 Zose +iP 21 21
 Nanking +iP 21 36
 pP 21 53
 ePP 23 50
 eS 29 06
 Sian +iP 22 09
 pP 22 26
 eS 30 07
 Lanchow iP 22 20
 S 30 27
 Canton +P 22 45
 pP 23 02
 iS 31 16
 Kunming +iP 23 17
 pP 23 34
 S 32 17
 Lhasa +iP 23 39

11.V Epc: 16° $\frac{1}{2}$ N, 101°W
 O: 14-11-49, M: 7

Changchun P 14 26 08
 PP 30 33
 PPP 32 57
 PS 40 01
 Peking eP 26 40
 PP 31 27
 PPP 33 52

11.V Peking SKS 14 37 22
 PS 41 10
 Zose eP 27 02
 ePKP 30 37
 PP 31 53
 PKS 33 59
 SKS 37 45
 PS 41 42
 Nanking eP 27 01
 ePKP 30 38
 PP 31 57
 PPP 34 16
 PKS 34 26
 SKS 36 29
 SKKS 37 54
 Sian ePKP 30 46
 PP 32 16
 Lanchow PKP 30 48
 PP 32 19
 PPP 35 50
 SKS 38 13
 Chengtu eP 27 44
 ePKP 30 54
 PP 33 06
 Canton eP 27 50
 PKP 30 58
 PP 33 08
 PKS 34 23
 Lhasa ePKP 31 06
 PP 33 32
 PKS 34 36
 Kunming ePKP 31 07
 PP 33 32
 PKS 34 36

12.V Epc: 40° 2N, 116° 3E
 O: 10-30-52, M: 4

Peking P 10 30 57
 S 31 00
 Paotow P 32 18
 S 33 22
 Changchun (eP) S 33 16
 S 34 50
 Sian S 35 12
 Nanking e(S) 35 16

14.V Kunming eP 10 40 43
 Sian P 41 37
 Peking P 42 13

15.V Epc: 7°S, 129°E
O: 05-23-48, M: 6 $\frac{3}{4}$

Canton	+P	05	30	27
	sP		30	38
	S		35	46
Zose	+P		31	10
	sP		31	21
	S		37	01
Nanking	+iP		31	22
	sP		31	33
	iS		37	27
Kunming	+iP		31	28
	sP		31	39
	i(S)		37	30
Chengtu	+iP		31	55
	sP		32	06
	iS		38	28
Sian	+iP		32	03
	sP		32	13
Peking	+P		32	27
	sP		32	38
	S		32	24
Lanchow	+iP		32	33
	sP		32	43
	S		39	27
Paotow	+P		32	44
	i(S)		40	00
Changchun	+iP		32	46
	sP		32	57
	S		39	56
Lhasa	+iP		32	51
	sP		32	59
	PP		34	44
	S		40	07
	sS		40	17

15.V Epc: 7° $\frac{1}{2}$ S, 129°E
O: 06-42-59

Canton	P	06	49	41
Zose	P		50	24
Nanking	eP		50	31
Kunming	+iP		50	43
Chengtu	P		51	10
Sian	eP		51	17
Peking	oP		51	42
Lanchow	+iP		51	47
	S		58	51
Paotow	eP		52	00
Lhasa	+P		52	06
	sP		52	17
	S		59	24

15.V Nanking eP 10 02 55
Kunming P 02 59
Peking eP 03 57
Paotow eP 04 17

15.V Epc: 36°4N, 114°2E
O: 14-14-19, M: 3 $\frac{1}{2}$

Peking	e(Pn)	14	15	25
	P		15	37
	S		16	29
Sian	+iP		15	58
	S		17	04
Nanking	(S)		17	31

15.V Epc: 7° $\frac{1}{2}$ S, 128° $\frac{1}{2}$ E
O: 16-54-01, M: 4 $\frac{3}{4}$

Canton	+P	17	00	42
	eS		06	02
Zose	eP		01	26
	PPP		03	24
	eS		07	22
Nanking	eP		01	40
Kunming	+iP		01	43
	S		07	54
Chengtu	eP		02	11
	eS		08	43
Sian	+P		02	18
	S		08	56
Peking	eP		02	43
	eS		09	42
Lanchow	+iP		02	48
	S		09	50
Changchun	P		03	03
	S		10	18
Lhasa	+iP		03	07
	S		10	24

15.V Epc: 53° $\frac{1}{2}$ N, 159° $\frac{1}{2}$ E
O: 19-32-25, M: 4 $\frac{1}{2}$

Changchun	+P	19	37	38
	eS		41	51
Peking	eP		38	48
Lanchow	+iP		40	14

16.V Epc: 14°S, 166° $\frac{1}{2}$ E
O: 05-16-36

Zose	eP	05	27	05
	eS		35	36
Canton	eP		27	17
Nanking	eP		27	21
Changchun	P		27	45
Peking	eP		28	02
Sian	eP		28	12
Kunming	eP		28	16
	eS		37	53
Chengtu	eP		28	23
	eS		38	03
Paotow	eP		28	26
Lanchow	P		28	39
	sS		58	34

16.V	X	Lhasa	eP	05 29 18	17.V	X	Changchun	eP	02 33 16
								ePP	36 58
							Sian	eP	33 19
16.V	✓	Epc: $7^{\circ}\frac{1}{2}S$, $128^{\circ}\frac{1}{2}E$			18.V	✓	Epc: $46^{\circ}\frac{1}{2}N$, $149^{\circ}E$		
		O: 14-35-27					O: 18-46-35, M: 5		
		Canton	eP	14 42 09			Changchun	+iP	13 50 36
		Zose	eP	42 58				S	53 47
			e(S)	49 00			Peking	+P	51 58
		Nanking	eP	43 05				eS	56 17
			eS	49 12			Zose	eP	52 16
		Kunming	P	43 11				eS	56 50
			eS	49 23			Nanking	eP	52 25
		Chengtu	eP	43 38				eS	57 04
		Sian	P	43 46			Paotow	eP	52 35
			eS	50 25				eS	57 24
		Peking	eP	44 10			Sian	eP	53 08
		Lanchow	iP	44 15			Lanchow	+P	53 32
			S	51 17			Chengtu	P	53 56
		Changchun	eP	44 30				S	59 48
		Lhasa	+iP	44 33			Kunming	eP	54 33
			eS	51 51				eS	19 00 53
							Lhasa	eP	18 55 16
								eS	19 02 13
16.V	✓	Epc: New Hebrides Is.							
		(新赫布里底群島)							
		O: 17-33-00							
		Zose	eP	17 43 27	19.V	✓	Epc: $17^{\circ}\frac{1}{2}N$, $100^{\circ}W$		
			eS	51 56			O: 14-58-12, M: 7		
		Canton	eP	43 42			Changchun	+P	15 12 28
			eS	52 19				PP	16 54
		Nanking	eP	43 42				S	24 40
			eS	52 26				PS	26 29
		Changchun	eP	44 06			Peking	PP	17 48
			eS	53 08				ePP	20 06
		Peking	eP	44 23				SKS	23 48
			e(S)	53 44			Paotow	PS	27 31
		Sian	P	44 36				PP	18 01
			e(S)	54 10				SKS	24 01
		Kunming	eP	44 38			Zose	ePKP	16 59
			S	54 10				PP	18 13
		Chengtu	eP	44 46				SKS	24 06
			S	54 23				PS	28 03
		Lanchow	P	45 01			Nanking	ePKP	16 59
			eS	54 54				PP	18 17
17.V	X	Canton	P	02 32 26				PS	28 10
		Zose	eP	32 36			Sian	PKP	17 07
			ePP	36 01				PP	18 43
		Nanking	eP	32 46				SKS	24 08
			PP	36 18				PS	28 21
		Kunming	eP	33 05					

19.V ✓ Lanchow PKP 15 17 08
 PP 17 48
 PPP 21 25
 Chengtu PKP 17 17
 PP 19 16
 SKP 20 48
 PS 30 28
 SS 36 41
 Canton +PKP 17 20
 PP 17 26
 PKS 20 48
 Kunming +PKP 17 28
 PP 19 54
 PKS 20 55
 Lhasa +PKP 17 29
 PP 19 52
 PKS 20 56

21.V ✓ Lanchow S 12 06 21
 Lhasa -P 04 56
 sP 05 07
 P 05 35
 Sn 06 30
 Chengtu eP 05 07
 sP 05 18
 Sian +iP 05 27
 sP 05 36
 Paotow +P 05 34
 Kunming +eP 06 00
 sP 06 11
 S 08 27
 Peking +P 06 37
 sP 06 50
 Nanking +iP 07 19
 sP 07 29
 Canton +iP 07 30
 sP 07 39
 S 11 15
 Zose +iP 07 44
 sP 07 54
 S 11 53
 Changchun +iP 07 58
 sP 08 02
 S 12 07

10.V ✗ Epc: $39^{\circ}\frac{1}{2}N$, $72^{\circ}\frac{1}{2}E$
 O: 20-49-58

Lhasa eP 20 54 10
 S 57 33
 Lanchow eP 55 23
 eS 59 44
 Chengtu eP 55 43
 eS 21 00 20
 Sian eP 20 56 04
 Zose eP 57 36

21.V ✓ Epc: $37^{\circ}N$, $96^{\circ}E$
 O: 13-15-42, M: $5\frac{1}{2}$

Lanchow P 13 17 49
 Chengtu eP 18 02
 Sian eP 18 17
 Paotow eP 18 26
 Kunming eP 18 52
 Peking eP 19 30
 Nanking P 20 10
 Canton P 20 20
 Zose eP 20 34
 Changchun P 20 49

20.V ✗ Changchun -PKP 03 15 59
 Peking -PKP 16 20
 Paotow -PKP 16 24
 Lanchow PKP 16 25
 Sian PKP 16 26
 Kunming ePKP 16 35
 Zose ePKP 16 48

20.V ✗ Zose eP 16 54 04
 Canton eP 54 19
 Kunming eP 55 40
 Peking eP 56 28
 Changchun eP 56 51

21.V ✗ Epc: $37^{\circ}N$, $96^{\circ}E$
 O: 15-41-48, M: $4\frac{1}{2}$

Lanchow Pa 15 43 20
 P 43 50
 Sn 44 35
 S 45 10
 Lhasa eP 43 52
 Sian eP 44 19
 Paotow eP 44 29
 Kunming eP 44 54

21.V ✓ Epc: $37^{\circ}N$, $96^{\circ}E$
 O: 12-02-54
 h: 30km, M: $6\frac{3}{4}$

Lanchow iP₀ 12 04 28
 P 04 57

21.V ~~Peking~~ eP 15 45 35 SS

~~Nanking~~ eP 46 15

~~Canton~~ eP 46 22

~~Zose~~ eP 46 36

~~Changchun~~ eS 50 30

~~Changchun~~ P 46 52

~~Changchun~~ eS 50 54

21.V ~~Epc: 36°N, 96°E~~

~~O: 19-29-12, M: 4~~

~~Lanchow~~ ePn 19 30 43

~~Lanchow~~ P 31 14

~~Lanchow~~ Sn 31 57

~~Lanchow~~ S 32 34

~~Lhasa~~ eP 31 13

~~Sian~~ eP 31 43

~~Peking~~ eS 33 40

~~Peking~~ eP 32 57

~~Peking~~ eS 35 55

21.V ~~Epc: 37°N, 96°E~~

~~O: 19-46-07, M: 4 1/4~~

~~Lanchow~~ Pn 19 47 37

~~Lanchow~~ P 48 10

~~Lanchow~~ Sn 48 54

~~Lanchow~~ S 49 28

~~Lhasa~~ eP 48 06

~~Sian~~ eP 48 39

~~Peking~~ eP 49 47

~~Canton~~ eP 50 44

~~Zose~~ eP 50 54

~~Changchun~~ eS 54 42

~~Changchun~~ eP 51 10

~~Changchun~~ eS 55 15

21.V ~~Epc: 20°S, 177°W~~

~~O: 21-15-31~~

~~h: 400km, M: 7~~

~~Zose~~ -iP1 21 26 51

~~Zose~~ -iP2 26 58

~~Zose~~ pP1 28 23

~~Zose~~ pP2 28 35

~~Zose~~ sP 29 01

~~Zose~~ S 36 15

~~Zose~~ sS 38 51

~~Canton~~ -iP1 27 04

~~Canton~~ -iP2 27 12

21.V ~~Canton~~ pP1 21 28 38

~~Canton~~ ipP2 28 48

~~Canton~~ pP 29 27

~~Canton~~ S 36 38

~~Nanking~~ -P1 27 04

~~Nanking~~ -iP2 27 13

~~Nanking~~ pP1 28 39

~~Nanking~~ ipP2 28 49

~~Nanking~~ sP 29 23

~~Nanking~~ S 36 40

~~Changchun~~ -iP1 27 15

~~Changchun~~ -iP2 27 23

~~Changchun~~ pP1 28 48

~~Changchun~~ pP 28 58

~~Changchun~~ sP 29 31

~~Changchun~~ S 37 02

~~Peking~~ -iP1 27 33

~~Peking~~ -iP2 27 40

~~Peking~~ pP1 29 06

~~Peking~~ pP2 29 17

~~Peking~~ sP 29 52

~~Peking~~ PP 30 59

~~Peking~~ SKS 37 24

~~Sian~~ iS 37 36

~~Sian~~ -iP1 27 48

~~Sian~~ -iP2 27 56

~~Sian~~ pP1 29 23

~~Sian~~ pP2 29 33

~~Sian~~ sP 30 02

~~Sian~~ SKS 37 40

~~Sian~~ S 38 06

~~Kunming~~ -iP1 27 52

~~Kunming~~ -iP2 28 00

~~Kunming~~ pP1 29 27

~~Kunming~~ pP2 29 39

~~Kunming~~ sP 30 16

~~Kunming~~ iSKS 37 46

~~Chengtu~~ P1 28 02

~~Chengtu~~ pP1 29 34

~~Chengtu~~ pP2 29 44

~~Chengtu~~ sP 30 19

~~Chengtu~~ SKS 37 58

~~Chengtu~~ S 38 33

~~Lanchow~~ P1 28 06

~~Lanchow~~ pP1 29 42

~~Lanchow~~ pP2 29 54

~~Lanchow~~ SKS 38 01

~~Lhasa~~ P1 28 49

~~Lhasa~~ pP 30 20

~~Lhasa~~ sP 31 06

~~Lhasa~~ SKS 38 48

21.V Epc: 37°N, 96°E
O: 21-21-04, M: 4½

Lanchow	eP _n	21	22	40
	P		23	12
	S _n		23	56
	S		24	33
Lhasa	eP		23	10
Chengtu	eP		23	20
Sian	eP		23	39
Kunming	eP		24	14
Peking	eP		24	52
Canton	eP		25	42
Zose	eP		25	54
Changchun	P		26	13

22.V Epc: 37°N, 96°E
O: 01-31-19, M: 4¼

Lanchow	P _n	04	36	27
	i(P)		36	51
	S _n		37	41
	S		38	18
Lhasa	eP		36	57
	e(S)		38	42
Peking	eP		38	41
	e(S)		41	47
Zose	e(P)		39	45
	eS		43	44
Changchun	eP		39	59

22.V Epc: 23°N, 120°E
O: 06-17-20, M: 4½

Canton	eP	06	18	55
	eS		20	07
Zose	eP		19	12
	eS		20	38
Sian	eP		20	52
	e(S)		23	37
Kunming	eP		21	08
Chengtu	eP		21	10
Peking	eP		21	17
	e(S)		24	16
Paotow	eP		21	44
Lanchow	P		21	45

22.V Epc: 13°S, 166°E
O: 08-06-37
h: 100km, M: 7

22.V Zose

	+P	08	16	42
	pp		17	07
	sp		17	22
	iS		24	53
	sS		25	34
Canton	+iP		16	54
	pp		17	22
	sp		17	30
	iS		25	16
	sS		26	02
Nanking	+iP		16	57
	pp		17	22
	sp		17	38
	iS		25	19
	sS		26	00
Changchun	+iP		17	22
	S		26	08
	sS		26	55
Peking	+iP		17	38
	pp		18	05
	sp		18	17
	pp		20	08
	iS		26	38
	sS		27	22
Sian	+iP		17	49
	pp		18	18
	sS		26	58
Kunming	+iP		17	55
	pp		18	24
	sp		18	39
	iS		27	10
	sS		28	00
Chengtu	+iP		18	01
	pp		18	29
	sp		18	45
	iS		27	21
	sS		27	59
Paotow	+iP		18	04
	pp		18	31
	sp		18	45
	S		27	27
	sS		28	08
Lanchow	+iP		18	17
	pp		18	45
	iS		27	52
	sS		28	41
Lhasa	+iP		18	56
	pp		19	26
	sp		19	41
	eS		29	06

22.V Epc: 37°N, 96°E
O: 11-02-22, M: 4½

22.V ~~Lanchow~~

P _n	11 04 08
P	04 33
S _n	05 24
Sian	eP 05 09
Paotow	eP 05 18
Zose	e(P) 07 25
	eS 11 25

22.V ~~Lanchow~~

P _n	23 30 52
P	31 19
S _n	32 07
S	32 44
Lhasa	eP 31 23
	eS 33 03
Sian	eP 31 50
Peking	eP 33 07
Canton	eP 33 54
Zose	eP 34 08
Changchun	P 34 24

22.V ~~Epc: 37°N, 96°E~~
~~O: 17-56-53, M: 4½~~

Lanchow

P _n	17 58 38
P	59 11
S _n	59 54
Lhasa	eP 59 06
	eS 00 41
Chengtū	e(S) 18 01 09
Peking	eP 00 49
Canton	eP 01 40
Zose	eP 01 54
	eS 05 47
Changchun	P 02 11
	eS 06 20

23.V ~~Epc: 37°N, 96°E~~
~~O: 00-53-04, M: 4½~~

Lanchow

P _n	00 54 38
P	55 08
S _n	55 53
S	56 29
Lhasa	eP 55 13
Paotow	eP 55 48
Peking	eP 56 54
Zose	eP 57 56
	eS 01 50
Changchun	P 58 10
	eS 02 20

22.V ~~Epc: 50°S, 153°E~~
~~O: 22-03-31, M: 5¾~~

Zose

+P	22 11 58
eS	18 45
Canton	+P 12 02
e(S)	18 50
Nanking	eP 12 15
	eS 19 14
Changchun	P 12 56
Peking	+P 13 06
	eS 20 47
Sian	P 13 12
Kunming	eP 13 14
	PP 15 18
Chengtū	+iP 13 23
	S 21 19
Paotow	eP 13 34
	eS 21 42
Lanchow	eP 13 42
	S 21 57
Lhasa	eP 14 28
	eS 23 27

23.V ~~Epc: 37°N, 96°E~~
~~O: 01-42-06, M: 4½~~

Lanchow

P _n	01 43 27
P	44 16
S _n	45 04
(S)	45 44
Lhasa	eP 44 20
Chengtū	eP 44 34
Sian	eP 44 47
	eS 46 53
Paotow	eP 44 57
Kunming	eP 45 21
	eS 47 52
Peking	eP 46 02
	e(S) 49 10
Nanking	eP 46 39
Zose	eP 47 03
	e(S) 50 59
Changchun	P 47 18
	eS 51 27

22.V ~~Epc: 27°N, 96°E~~
~~O: 23-29-11, M: 4½~~

24.V ~~Epc: 40°N, 111°E~~
~~O: 23-53-19, M: 5¾~~

23.V Paotow F 23 53 42
 S 53 57
 Peking eP 54 28
 S 55 14
 Sian e(S) 56 47

26.V Zose eP 09 59 13
 eS 10 05 32
 Nanking eP 09 59 32
 eS 10 06 10
 Kunming eP 00 20
 Peking eP 00 28
 Chengtu eP 00 35
 Lanchow P 00 54

25.V Epc: Tonga Is.
 (湯加群島)
 O: 04-19-22, M: 6

Zose +P 04 31 42
 S 41 53
 Nanking +P 31 55
 Canton eP 31 56
 Changchun +P 32 04
 S 42 40
 Peking +iP 32 24
 eSKS 42 52
 S 43 17
 Sian +P 32 37
 SKS 43 11
 S 43 45
 Paotow +P 32 43
 SKS 43 19
 S 43 56
 Kunming P 32 45
 SKS 43 21
 S 43 58
 Chengtu P 32 49
 SKS 43 18
 S 44 04
 Lanchow +P 32 57
 SKS 43 32
 S 44 26
 Lhasa SKS 44 14

26.V Epc: 27°N, 102°E
 O: 14-24-45, M: 3½

Kunming ePn 14 25 31
 P 25 34
 S 26 04
 Chengtu eP 25 59
 iS 26 47

26.V Epc: 7°N, 94°E
 O: 19-44-26
 h: 80km ca, M: 5½

Kunming +iP 19 48 54
 PP 49 16
 esP 49 19
 iS 52 32
 SS 53 12
 Lhasa P 49 22
 S 53 24
 Canton +P 49 38
 Chengtu P 49 45
 esP 50 10
 iS 54 01
 Lanchow +P 50 30
 esP 51 02
 ePP 51 30
 PPP 51 49
 S 55 19
 eSS 56 56
 Sian +iP 50 30
 iS 55 21
 Nanking +iP 51 01
 eS 56 17
 Zose +P 51 09
 ePP 52 29
 S 56 32
 SS 58 59
 Paotow P 51 22
 PPP 53 13
 eS 56 53

25.V Epc: 37°N, 96°E
 O: 11-35-06, M: 4

Lanchow ePn 11 36 40
 P 37 10
 Sn 37 55
 S 38 32
 Lhasa eP 37 10
 eS 38 47
 Peking eP 38 55
 Zose eP 39 55
 eS 43 46

26.V Epc: New Guinea
 (新几内亚)
 O: 09-51-(20)

Peking +iP 51 40
 e(SP) 52 09

26.V Peking PPP 19 53 41
 S 57 28
 SSS 20 00 23
 Changchun +iP 19 52 38
 e(sP) 53 10
 PP 54 29
 S 59 13
 (sS) 59 54

29.V Lanchow eP 09 18 52
 e(S) 23 46

29.V Peking eP 21 08 42
 Lanchow P 09 58
 Kunming +iP 10 55

27.V Kunming eP 05 37 59
 Peking eP 38 48
 Lanchow eP 38 58
 Changchun eP 40 27

29.V Lanchow PKP 22 12 31
 Chengtu PKP 12 32
 Kunming +PKP 12 33

28.V Epc: 15°N, 121°E
 O: 02-47-58, M: 4 1/2

30.V Epc: 29°N, 98°E
 O: 18-21-46, M: 3 3/4

Nanking eS 02 55 09
 Kunming eP 52 34
 eS 56 14
 Sian eP 52 54
 eS 56 48
 Chengtu eP 52 54
 S 56 50
 Peking eP 53 28
 S 57 52
 Lanchow P 53 34

Chengtu P 18 23 27
 S 24 33
 Kunming eP_h 23 32
 eP 23 47
 eS_n 24 51
 S 25 12
 Lanchow P 23 58

31.V Lhasa -P 02 02 06
 Kunming eP 03 40
 Lanchow eP 03 50
 Peking eP 05 15

29.V Epc: Andaman Is.
 (安达曼群岛)
 O: 08-29-03

31.V Epc: 22°N, 142°E
 O: 06-28-25
 h: 240km, M: 5 1/2

Kunming eP 08 33 05
 Lhasa P 33 33
 Chengtu eS 37 58
 Lanchow eP 34 51
 eS 39 30

Zose +P 06 32 53
 sP 34 09
 S 36 26
 Nanking +iP 33 14
 sP 34 29
 eS 37 04
 SS 38 08

29.V Epc: Andaman Is.
 (安达曼群岛)
 O: 09-12-15

Lanchow eP 09 17 04
 eS 20 28
 Lhasa P 17 38
 Chengtu eP 18 04
 eS 22 23

Changchun iP 33 38
 PPP 34 42
 S 37 42
 SS 39 09
 Canton +P 33 48
 sP 34 54
 eS 38 08

31.V	Peking	+iP	06 34 02
		sP	35 19
		S	38 31
		sS	39 44
		iSS	40 17
	Sian	+iP	34 31
	Paotow	+iP	34 42
		sP	36 00
		iS	39 48
	Chengtū	+iP	35 01
		sP	36 17
		eS	40 17
	Lanchow	+iP	35 09
		pP	35 53
		sP	36 25
		PPP	37 22
		eS	40 29
		SS	42 50
		ScS	44 59
	Kunming	P	35 12
		sP	36 28
		S	40 38
	Lhasa	+iP	36 32

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1962 VIII 29.

Punched RD
3/5/66

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

1 - 30, June 1962

~~2.VI Epc: 5°S, 147° $\frac{1}{2}$ E
O: 05-35-28
Deep focus, M: 5 $\frac{1}{4}$~~

Canton	eP	05 43 16
	eS	49 31
Zose	eP	43 19
	S	49 37
Nanking	+P	43 36
	eS	50 07
Changchun	+iP	44 29
	eS	51 44
Kunming	+iP	44 30
	eS	51 46
Peking	+P	44 33
Sian	+P	44 34
Chengtu	+iP	44 43
	S	52 08
Paotow	+P	45 01
Lanchow	+P	45 07
	eS	52 53
Lhasa	+P	45 52

~~2.VI Lanchow +P 17 20 17
S 24 33
Lhasa eP 21 57
PP 23 13~~

~~2.VI Epc: 29°N, 132°E
O: 17-14-59
h: 30km, M: 5 $\frac{1}{2}$~~

Zose	+P	17 17 14
	sP	17 27
	eS	18 53
Nanking	+P	17 44
	sP	17 57
	S	19 52
Changchun	iP	18 40
	S	21 33
Peking	+iP	18 53
	sP	19 04
	S	21 58
Canton	eP	19 06
	eS	22 21
Sian	+P	19 32
	S	23 10
Paotow	eP	19 43
	sP	19 52
	S	23 34
Chengtu	P	20 14
	S	24 28

~~5.VI Epc: 40°N, 112° $\frac{6}{10}$ E
O: 08-31-30, M: 4~~

Paotow	P	08 32 14
	S	32 42
Peking	eP	32 22
	S	32 57
Sian	(S)	35 11
Lanchow	eP	34 08
	(S)	35 53

~~5.VI Epc: Banda Sea.
(班达海)
O: 16-43-54, h: 170km ca~~

Canton	eP	16 50 53
Kunming	+P	51 20
	pP	51 58
	S	57 18
Chengtu	pP	52 24
	S	58 04
Sian	pP	52 31
	eS	59 17
Peking	eP	52 16
	epP	52 53
Lanchow	+P	52 23
	epP	53 01
	S	59 10
Lhasa	+iP	52 42
	epP	53 21
	esP	53 27
	iS	59 46

~~5.VI Canton +P 16 56 22
Zose +P 56 39
Nanking +P 56 45
Kunming +P 56 50
Chengtu +P 57 03
Sian +P 57 07
Peking +P 57 18~~

5.VI Lanchow ~~+iP~~ 16 57 23
 Changchun ~~eP~~ 57 28
 Paotow ~~+P~~ 57 29
 Lhasa ~~eP~~ 57 33

8.VI Changchun eP 19 23 51
 Lhasa eS 29 06
 Lhasa +P 24 34

7.VI Epc: ~~East Pakistan.~~
 (東巴基斯坦)
 O: 20-06-32

Lhasa eP 20 08 18
 S 09 27
 Kunming eP 08 52
 Lanchow P 10 24
 eS 13 15

8.VI Sian -P 19 28 38
 Lhasa -P 28 41
 Lanchow -P 28 57

9.VI Zose eP 07 45 12
 Lhasa eS 49 13
 Lhasa eP 47 40
 S 53 34

8.VI Epc: ~~27°¹/₂N, 132°E~~
 O: 09-10-48, M: 4³/₄

Zose eP 09 13 13
 eS 15 02
 Nanking eP 13 43
 eS 15 51
 Changchun eP 15 00
 eS 18 18
 Peking eP 15 03
 eS 18 24
 Sian P 15 34
 eS 19 20
 Chengtu eP 16 13
 S 20 33
 Lanchow +P 16 20
 eS 20 45
 Kunming +P 16 30
 eS 21 03
 Lhasa eP 17 56
 eS 23 40

11.VI Epc: ~~43°¹/₂N, 18°¹/₄E~~
 O: 07-15-38, M: 5³/₄

Lhasa eP 07 25 35
 eS 33 34
 Lanchow eP 26 08
 eS 34 42
 Chengtu eP 26 30
 S 35 25
 Sian P 26 38
 eS 35 38
 Peking -P 26 43
 eS 35 46
 Kunming eP 26 47
 eS 35 54
 Changchun P 26 59
 eS 36 17
 Nanking eP 27 23
 Zose eP 27 35
 eS 37 24

8.VI Epc: ~~10°¹/₂N, 126°¹/₂E~~
 O: 19-17-15, M:

Zose eP 19 21 58
 S 25 47
 Nanking eP 22 15
 eS 26 17
 Kunming eP 22 54
 Chengtu eS 28 06
 Sian +P 23 10
 Peking eP 23 29
 eS 28 26
 Lanchow +P 25 47
 eS 29 04

14.VI Epc: ~~54°N, 170°E~~
 O: 07-51-45, M: 5³/₄

Changchun iP 07 58 00
 S 08 02 58
 Peking eP 07 59 08
 PP 08 00 42
 PPP 01 05
 S 05 03
 Paotow +P 07 59 35
 eS 08 05 51
 Zose eP 07 59 37
 S 08 05 55
 Nanking eP 07 59 42
 eS 08 06 03
 Sian P 00 16

14.VI Lanchow P 08 00 29
 S 07 27
 Chengtu P 00 58
 S 08 17
 Canton eP 01 00
 S 08 28
 Kunming P 01 33
 S 09 25
 Lhasa eP 01 58

14.VI Lanchow iS 22 23 00
 SS 23 47
 Lhasa eP 20 30
 esP 20 40
 eS 25 38

15.VI Epc: North of Chile.
 (智利北部)
 0: 06-30-34

14.VI Epc: 54°N, 169°¹/₂E
 0: 07-55-42, M: 6

Changchun P 08 01 56
 eS 06 53
 Peking eP 03 04
 eS 08 59
 Paotow eP 03 31
 Zose P 03 33
 eS 09 47
 Nanking eP 03 37
 Lanchow eP 04 24
 Chengtu eP 04 54
 eS 12 14
 Canton eP 05 00
 Kunming eP 05 29
 S 13 20
 Lhasa eP 05 53

Changchun PKP1 06 50 24
 Peking ePKP1 50 34
 ePKP2 51 11
 ePP 54 51
 Paotow ePKP1 50 34
 ePP 54 53
 Lhasa PKP1 50 35
 PP 55 01
 SKKS 07 01 51
 Lanchow ePKP1 06 50 38
 ePKP2 51 29
 ePP 55 15
 Zose ePKP1 50 39
 PP 55 26
 Nanking ePKP1 50 40
 ePKP2 51 39
 ePP 55 25
 Sian ePKP1 50 40
 ePP 55 27
 Chengtu ePKP 50 41
 ePP 55 37
 Kunming ePKP1 50 44
 ePKP2 52 08
 ePP 56 01
 SKKS 07 02 57
 Canton ePKP1 06 50 46
 ePKP2 52 28
 ePP 56 20

14.VI Epc: 26°¹/₂N, 126°E
 0: 22-14-15
 h: 20km, M: 5³/₄

Zose +P 22 15 44
 Nanking eP 16 14
 Canton +P 17 09
 Peking +P 17 57
 sP 18 07
 eS 21 02
 SS 21 09
 SSS 21 31
 Sian +P 18 07
 Changchun +iP 18 19
 eS 21 34
 SS 21 48
 Chengtu +iP 18 44
 sP 18 54
 PFP 19 12
 iS 22 27
 Kunming eP 18 58
 sP 19 08
 S 22 56
 Lanchow iP 19 01

16.VI Epc: 26°¹/₂N, 126°E
 0: 05-21-10, M: 5

Zose P 05 22 42
 Peking +iP 24 54
 sP 25 06
 eS 27 59
 Sian P 25 06
 eS 28 18
 Changchun P 25 14
 Paotow P 25 37
 Chengtu eP 25 41
 Kunming -P 25 54
 Lanchow +P 25 57

16.VI ✓ Lanchow S 05 29 55
 Lhasa eP 27 33

16.VI ✗ Epc: Celebes.
 (苏拉威西岛)
 O: 06-27-33

Zose eS 06 38 28
 Kunming eP 33 46
 S 38 47
 Nanking eS 38 50
 Sian eS 39 57
 Lanchow eP 34 57
 S 40 48
 Lhasa eP 35 14
 eS 41 24

17.VI ✗ Zose eS 13 40 26
 Nanking eP 32 32
 eS 40 56
 Changchun P 32 55
 eS 41 39
 Peking P 33 13
 Sian +P 33 25
 Kunming eP 33 32
 Chengtu P 33 37
 Paotow eP 33 39
 Lanchow eP 33 53
 eS 43 26
 Lhasa eP 34 35

18.VI ✓ Epc: 4°S, 152°E
 O: 23-42-39
 h: 100km, M: 6½

16.VI ✗ Epc: Ryukyu Is.
 (琉球群岛)
 O: 11-12-03, M: 4¼

Sian eP 11 15 57
 eS 19 06
 Chengtu eS 20 04
 Lanchow eP 16 39
 Kunming eP 16 52
 eS 20 44

Zose +iP 23 50 56
 -pP 50 21
 -sP 50 32
 eS 57 35
 sS 58 20
 Canton +iP 51 01
 sP 51 37
 Nanking +iP 51 13
 -ipP 51 39
 -isP 61 49
 +PcP 52 37
 PP 53 05
 S 58 07
 isS 58 54

17.VI ✓ Epc: 33°N, 75°E
 O: 04-39-27, M: 4½

Lhasa eP 04 42 41
 S 45 05
 Lanchow eP 44 35
 P 48 48
 Chengtu +P 44 43
 eS 48 57
 Kunming +P 44 51
 S 49 12
 Paotow P 45 23
 Sian S 50 20
 Peking eP 46 03
 Zose P 46 49
 eS 52 09

Changchun iP 51 53
 pP 52 21
 sP 52 31
 PcP 52 57
 eS 59 17
 Peking +iP 52 04
 pP 52 30
 sP 52 40
 PcP 53 03
 eS 59 38
 sS 00 00 26
 Sian +iP 23 52 10
 eS 59 49
 sS 00 00 39
 Kunming +iP 23 52 13
 pP 52 38
 sP 52 48
 PcP 53 07
 PP 54 16
 eS 59 56
 Chengtu +iP 52 21

17.VI ✗ Epc: Santa Cruz Is.
 (圣克鲁兹群岛)
 O: 13-22-09

Zose eP 13 32 15

18.VI Chengtu pP 23 52 48
 sP 52 59
 PcP 53 09
 S 00 00 11
 Lanchow +iP 23 52 42
 pP 53 09
 sP 53 19
 eS 00 00 51
 Lhasa +iP 23 53 27
 ePP 56 00
 eS 00 02 15
 sS 02 51

19.VI Changchun P 16 51 02
 Peking eP 51 20
 Sian -iP 51 31
 Kunming eP 51 37

20.VI Epc: $6^{\circ}23'S$, $127^{\circ}1'E$
 O: 06-16-35, h: 410km ca

Canton -iP 06 22 33
 Zose -P 23 20
 S 28 45
 Nanking -P 23 32
 Kunming -P 23 34
 S 29 09
 Chengtu -iP 24 01
 iS 29 58
 Sian -iP 24 09
 S 30 14
 Peking eP 24 35
 eS 31 00
 Lanchow iP 24 38
 ipP 26 00
 iS 31 07
 Paotow eP 24 50
 Lhasa -iP 24 55
 S 31 36
 Changchun eP 24 55

21.VI Epc: $4^{\circ}11'N$, $123^{\circ}1'E$
 O: 03-23-26, h: Deep focus,

Canton -iP 03 27 25
 Nanking -iP 28 27
 Kunming -P 28 32
 Chengtu -P 28 59
 S 33 26
 Sian -iP 29 07

21.VI Peking eP 03 29 35
 Lanchow eP 29 38
 Lhasa -iP 30 04
 S 35 23

22.VI Epc: $32^{\circ}N$, $142^{\circ}1'E$
 O: 11-48-48, M: $4\frac{1}{2}$

Zose +P 11 53 03
 eS 56 24
 Changchun P 53 03
 S 56 25
 Nanking eP 53 24
 Peking eP 53 53
 S 57 58
 Paotow eP 54 39
 eS 59 15
 Sian eP 54 46
 S 59 32
 Lanchow eP 55 20
 eS 12 00 25
 Chengtu eP 11 55 24
 eS 12 00 34
 Kunming eS 01 21
 Lhasa S 03 27

23.VI Epc: $25^{\circ}N$, $129^{\circ}E$
 O: 09-44-27
 h: 25km, M: $6\frac{1}{2}$

Zose +P 09 46 39
 iS 48 22
 Nanking +iP 47 10
 S 49 17
 Canton eP 47 52
 sP 48 03
 S 50 32
 sS 50 46
 Peking iP 48 44
 sP 48 55
 iS 52 08
 sS 52 19
 Changchun iP 48 53
 sP 49 04
 iS 52 25
 Sian +iP 48 58
 sP 49 10
 S 52 37
 Paotow P 49 24
 sP 49 35
 S 53 24

23.VI Chengtu +iP 09 49 30
 sP 49 41
 iS 53 34
 Kunming P 49 44
 sP 49 55
 iS 53 55
 Lanchow +iP 49 45
 sP 50 01
 iS 53 58
 Lhasa eP 51 16
 sP 51 27
 PP 52 32
 S 56 35

23.VI Zose P 11 12 09
 Canton eP 12 29
 iS 14 11
 Nanking eP 12 29
 S 14 12
 Sian +P 14 06
 Peking +iP 14 21
 iS 17 32
 Chengtu +iP 14 31
 S 17 58
 Kunming +iP 14 38
 iS 18 07
 Paotow +iP 14 53
 S 18 38
 Changchun iP 14 56
 S 18 43
 Lanchow +iP 15 00
 iS 18 49
 Lhasa +iP 16 22
 S 21 19

23.VI Canton -iP 10 00 26
 Kunming P 02 39
 Sian -iP 02 46
 Peking -iP 03 19
 Lanchow P 03 31
 Lhasa eP 04 31

24.VI Epc: 25°N, 101°E
 O: 01-21-11, M: 5 $\frac{3}{4}$
 Kunming P 01 21 44
 Chengtu -iP 22 47
 P* 23 04
 P 23 11
 iS 23 59
 Lhasa -P 23 07
 eS 24 34
 Lanchow -P 23 55
 S 26 01
 Sian iP 23 56
 S 26 00
 Canton +iP 23 58
 S 26 09
 Nanking +P 25 12
 S 28 18
 Paotow P 25 13
 S 28 23
 Zose P 25 34
 iS 29 10
 Peking eP 25 43
 iS 29 20
 Changchun P 27 00
 S 31 38

26.VI Epc: 27°N, 131°E
 O: 02-51-00, M: 4 $\frac{1}{2}$
 Peking eP 02 56 13
 eS 58 34
 Sian +P 55 41
 eS 59 22
 Kunming +P 56 37
 eS 03 01 04
 Lhasa eP 02 58 03

26.VI Epc: 42°N, 108°E
 O: 05-14-07
 Peking eP 05 16 07
 S 17 26
 Lanchow S_n 17 10
 (S) 18 05
 Sian S 18 30

27.VI Epc: 23°N, 122°E
 O: 23-26-42, M: 4 $\frac{1}{2}$
 Zose -iP 23 28 35
 S 30 01
 Nanking eP 28 56
 eS 30 38
 Peking eP 30 48
 Chengtu eP 30 58
 eS 34 16

25.VI Epc: 24°N, 123°E
 O: 11-10-14, M: 5 $\frac{3}{4}$

~~27.VI~~ Kunming eP 23 31 03
 Paotow eP 31 23
 Lanchow eP 31 25
 eS 35 11
 Changchun eS 35 21

~~28.VI~~ Kunming eSn 11 17 02
 Lanchow eP 16 13
 eS 17 38
 Lhasa eP 16 16
 S 17 44

~~28.VI~~ Epc: 30°^{SN}, 131°^{SE}
 O: 04-13-45, M: 4
 Zose eP 04 16 01
 eS 17 43
 Nanking eP 16 30
 Peking eP 17 30
 eS 20 25
 Paotow eP 18 26
 Chengtu eP 19 00
 S 23 14
 Lanchow eP 19 01
 S 23 16

~~28.VI~~ Changchun P 17 54 24
 Peking -iP 55 50
 Paotow eP 56 33
 Lanchow eP 57 28
 Kunming -P 58 26

~~28.VI~~ Epc: Hawaiian Is.
 (夏威夷群島)
 O: 04-27-12, M: 5½
 Zose eP 04 38 55
 eS 48 33
 Nanking +P 39 06
 eS 48 53
 Peking +P 39 06
 PP 41 58
 S 48 54
 Paotow eP 39 30
 eS 49 41
 Canton eP 39 46
 eS 50 14
 Lanchow +P 40 02
 Chengtu +P 40 10
 SKS 50 43
 51 00
 Kunming eP 40 26
 SKS 51 04
 S 51 34
 Lhasa eP 41 05
 SKS 51 43
 eS 52 41

~~28.VI~~ Epc: 1°^N, 124°^{1/2E}
 O: 18-50-32
 h: 50km, M: 5
 Canton eP 18 55 54
 sP 56 13
 S 19 00 14
 Zose eP 18 56 44
 eS 19 01 40
 Nanking eP 18 56 57
 PP 58 11
 Kunming P 57 00
 sP 57 21
 PP 58 12
 eS 19 02 09
 ScP 03 25
 Chengtu eP 18 57 29
 sP 57 46
 PP 58 57
 iS 19 03 03
 Sian eP 18 57 35
 PP 59 03
 S 19 03 11
 Peking eP 18 58 05
 PP 59 45
 eScP 19 03 53
 S 04 07
 Lanchow eP 18 58 07
 PP 59 54
 ScP 19 03 53
 S 04 12
 Paotow eP 18 58 20
 PP 19 00 00
 Lhasa eP 18 58 29
 ScP 19 04 05
 S 04 52
 ScS 08 23
 Changchun eP 18 58 30

~~28.VI~~ Epc: 30°^N, 99°^{1/2E}
 O: 11-14-21, M: 4
 Chengtu ePn 11 15 28
 Sn 16 18

28.VI Changchun sP 18 58 52
 PP 19 00 17
 ScP 04 05
 eS 04 53
 iSoS 08 27

29.VI Kunming eS 21 18 44
 Lhasa eP 09 42
 S 19 04
 Chengtu eP 10 00
 S 19 41
 Lanchow eP 10 29

29.VI Epc: 7°S, 127° $\frac{1}{3}$ E
 O: 13-49-21, h: 80km

29.VI Epc: 31°N, 49°E
 O: 22-35-41

Zose eP 13 56 39
 Nankin +P 56 51
 Kunming +P 56 53
 epP 57 12
 esP 57 21
 S 14 02 56
 Chengtu eP 13 57 21
 e(sP) 57 49
 eS 14 03 46
 Sian +P 13 57 29
 Peking eP 57 55
 Lanchow +iP 57 58
 epP 58 18
 S 14 04 53
 Lhasa +P 13 58 15
 epP 58 35
 eS 14 05 21

Lhasa eP 22 42 44
 S 48 23
 Kunming eP 44 16
 S 51 08
 Sian eP 44 33
 S 51 40
 Peking S 52 40
 Nankin S 53 36
 Zose eP 45 52
 es 54 05

29.VI Epc: Alaska (阿拉斯加)
 O: 16-27-50, M: 5 $\frac{1}{2}$

30.VI Epc: 16°N, 122° $\frac{1}{2}$ E
 O: 19-29-46, M: 5 $\frac{1}{4}$

Changchun P 16 36 50
 PP 38 48
 Peking +P 37 43
 ePP 39 47
 eS 45 39
 Paotow eP 37 59
 Zose +P 38 21
 eS 46 54
 Nankin eP 38 23
 eS 46 55
 Sian +P 38 38
 Lanchow +P 38 41
 eS 47 31
 Chengtu +P 39 10
 eS 48 28
 Kunming eP 39 44
 Lhasa +P 39 50
 eS 49 40

Canton eP 19 32 27
 S 34 31
 Zose eP 33 22
 Nankin eP 33 38
 S 36 44
 Kunming +iP 34 30
 iS 38 20
 Sian +iP 34 42
 iS 38 42
 Chengtu +iP 34 46
 iS 38 49
 Peking +P 35 08
 eS 39 25
 Lanchow +P 35 21
 S 39 49
 Paotow eP 35 27
 eS 39 58
 Changchun P 35 37
 eS 40 19
 Lhasa eP 36 15

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 1962 IX, 13

29.VI Kunming eP 21 09 29

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

1 - 31, July 1962

~~1.VII~~ Epc: $30^{\circ}N$, $103^{\circ}\frac{1}{2}E$
O: 03-37-40, M: $4\frac{1}{2}$

Chengtu	-iP	03 37 58
	iS	38 06
	iS	38 11
Kunming	+iP _n	38 55
	(S _n)	39 51
	iS	40 17
Sian	e(P _n)	39 13
	P	39 40
	S _n	40 25
	S	40 57
Lanchow	eP _n	39 14
	eP	39 38
	S	40 55
	iS	41 01
Lhasa	eP	40 13
	eS	42 08
Paotow	eS	42 33
Peking	eP	41 08
	eS	43 54
Zose	eP	41 28
	eS	44 25
Changchun	eP	42 42
	S	46 42

2.VII Zose +P 08 42 37

	pP	43 03
	iS	50 42
Canton	-P	42 50
	(pP)	43 16
	S	51 06
Changchun	P	43 15
	pP	43 41
	iS	51 55
	sS	52 41
Peking	P	43 33
	pP	44 00
	iS	52 28
	sS	53 10
Sian	+iP	43 45
	pP	44 11
	eS	52 53
Kunming	+iP	43 53
	pP	44 19
	S	53 04
	sS	53 50
Chengtu	+iP	43 58
	pP	44 24
	iS	53 12
Paotow	+P	44 00
	pP	44 26
	sP	44 41
	S	53 20
Lanchow	+iP	44 12
	pP	44 38
	iS	53 42
	sS	54 30
Lhasa	+P	44 56
	sP	45 23
	iS	55 06
	sS	55 51

1.VII Epc: $39^{\circ}\frac{3}{4}N$, $75^{\circ}E$
O: 21-23-38, M: $4\frac{1}{4}$

Lhasa	-P	21 27 33
	S	30 35
Lanchow	eP	28 46
	iS	32 54
Chengtu	eP	29 04
	S	33 29
Paotow	eP	29 20
	eS	33 51
Kunming	eP	29 29
	S	34 08
Sian	eS	34 05
Peking	eP	30 01
Nanking	eS	36 19
Zose	eS	36 55

~~2.VII~~ Epc: $30^{\circ}N$, $103^{\circ}\frac{1}{4}E$
O: 12-07-47, M: $3\frac{3}{4}$

Chengtu	+iP	12 08 07
	iS	08 20
Kunming	+P _n	09 04
	P	09 13
	S _n	10 00
	S	10 24
Lanchow	eP	09 46
	eS _n	10 46

2.VII Epc: $10^{\circ}\frac{1}{2}S$, $107^{\circ}\frac{1}{4}E$
O: 08-32-37
h: 100km, M: 6

2.VII ~~Lanchow~~ \bar{S} 12 11 06
~~Sian~~ \bar{P} 09 48
 \bar{S} 11 10

4.VII ~~Kunming~~ \bar{P} 08 14 51
 S_n 15 10
 \bar{S} 15 13
~~Chengtu~~ $e\bar{S}$ 17 29

2.VII ~~Epc: North Celebes,~~
~~(苏拉威西岛北群)~~
~~O: 15-42-(20)~~

~~Canton~~ eP 15 47 41
 eS 51 58
~~Zose~~ eS 53 30
~~Kunming~~ eP 48 42
 eS 53 47
~~Chengtu~~ eP 49 12
 eS 54 41
~~Sian~~ P 49 21
~~Lanchow~~ eP 49 49
 eS 55 55
~~Lhasa~~ eP 50 07

4.VII ~~Epc: 25° $\frac{1}{2}$ N, 102°E~~
~~O: 12-59-47, M: 3 $\frac{1}{2}$~~

~~Kunming~~ $e\bar{P}$ 13 00 05
 \bar{S} 00 18
~~Chengtu~~ \bar{S} 02 48

4.VII ~~Epc: 25° $\frac{1}{2}$ N, 101°E~~
~~O: 21-52-08, M: 3 $\frac{1}{4}$~~

~~Kunming~~ $e\bar{P}$ 21 52 43
 \bar{S} 53 05
~~Chengtu~~ \bar{S} 55 23

3.VII ~~Epc: 25° $\frac{1}{2}$ N, 101°E~~
~~O: 11-34-21, M: 3 $\frac{1}{2}$~~

~~Kunming~~ P_n 11 34 53
 \bar{P} 34 55
 S_n 35 14
 \bar{S} 35 17
~~Chengtu~~ $e\bar{S}$ 37 33

4.VII ~~Epc: 34° $\frac{1}{2}$ N, 106°E~~
~~O: 23-07-25~~

~~Lanchow~~ $e\bar{P}$ 23 08 11
 $i\bar{S}$ 08 42
~~Sian~~ $e\bar{P}$ 08 15
 \bar{S} 08 47
~~Chengtu~~ $e(\bar{S})$ 09 58

3.VII ~~Sian~~ ePP 18 34 43
 PKS 36 01
~~Pactow~~ $ePKP$ 32 43
~~peking~~ P 34 44
 PKS 36 01
~~Chengtu~~ PP 34 44
~~Lanchow~~ PKP 32 51
 PP 35 12
 PKS 36 15
~~Peking~~ $ePKP$ 32 55
~~Pactow~~ PP 35 12
 PKS 36 15
~~Lhasa~~ $ePKP$ 32 56
 P 35 23
 PKS 36 23
~~Zose~~ ePP 35 40

4.VII ~~Epc: 34° $\frac{3}{4}$ N, 105°E~~
~~O: 23-17-02, M: 3~~

~~Lanchow~~ P_n 23 17 38
 iP 17 40
 $i\bar{S}$ 18 00
~~Sian~~ \bar{P} 18 06
 $i\bar{S}$ 18 48
~~Chengtu~~ $e\bar{P}$ 18 23
 $e\bar{S}$ 19 13

5.VII ~~Epc: 31° $\frac{1}{2}$ N, 142° $\frac{1}{2}$ E~~
~~O: 17-40-45, M: 5~~

~~Zose~~ $+P$ 17 45 01
~~Chengchun~~ iP 45 05
 S 48 29
~~Nanking~~ $+P$ 45 23
 PP 45 46
 S 49 06
~~Peking~~ $+P$ 45 54

4.VII ~~Epc: 25° $\frac{1}{2}$ N, 101°E~~
~~O: 08-14-17, M: 3 $\frac{1}{4}$~~

~~Kunming~~ eP_n 08 14 49

5.VII Peking PP 17 48 26
 S 50 03
 Canton -P 46 34
 eS 51 14
 Sian eP 46 42
 PP 47 32
 Lanchow eP 47 19
 S 52 23
 Chengtu eP 47 21
 S 52 38
 Kunming P 47 45
 S 53 23
 Lhasa eP 48 58

6.VII Lhasa eP 09 26 08
 S 34 12
 Lanchow eP 26 50
 eS 35 30
 Paotow eP 27 03
 eS 35 55
 Chengtu eP 27 09
 S 36 05
 Sian P 27 20
 S 36 29
 Kunming eP 27 21
 S 36 27
 Peking eP 27 30
 eS 36 40
 Changchun P 27 50
 S 37 24
 Nanking eP 28 06
 S 37 56
 Canton eP 28 16
 eS 38 13
 Zose eP 28 20
 S 38 18

6.VII Epc: 32°N, 141°E
 O: 01-15-18, M: 4½

Zose eP 01 19 15
 Nanking P 19 40
 Peking eP 20 10
 eS 24 04
 Canton eP 20 55
 Paotow eP 20 56

6.VII Epc: 29°N, 131°E
 O: 15-11-10, M: 4½

Zose eP 15 13 28
 Changchun iP 14 53
 Peking eP 15 07
 Chengtu eP 16 27
 eS 20 40
 Lanchow eP 16 32

6.VII Epc: 13°N, 58°E
 O: 02-12-16, M: 5

Lhasa eP 02 19 13
 S 24 47
 Kunming +P 20 24
 S 27 01
 Chengtu eP 20 39
 eS 27 23
 Lanchow +P 20 49
 eS 27 37
 Canton +P 21 35
 eS 29 11
 Paotow eP 21 35
 eS 29 11
 Peking eP 22 08
 S 30 13
 Nanking eP 22 13
 eS 30 21
 Zose eP 22 26
 eS 30 38
 Changchun P 22 56
 eS 31 34

6.VII Epc: 36°N, 70°E
 O: 23-05-33
 h: 210km, M: 7

Lhasa +iP 23 09 39
 sP 10 39
 iS 13 00
 Lanchow +iP 10 57
 pP 11 42
 sP 12 03
 iS 15 18
 Chengtu +iP 11 11
 esP 12 20
 S 15 42
 Kunming +P 11 23
 iP 12 07
 sP 12 32
 iS 16 04

6.VII Epc: 37°N, 21°E
 O: 09-16-13, M: 5½

6.VII Paotow +iP 23 11 35
 sP 12 44
 S 16 25
 sS 17 39
 Sian +iP 11 36
 sP 12 44
 S 16 29
 Peking +iP 12 15
 sP 13 24
 iS 17 37
 isS 19 01
 Canton +iP 12 43
 ipP 13 30
 sP 13 54
 iS 18 28
 sS 19 46
 Nanking +iP 12 49
 sP 13 58
 iS 18 38
 esS 20 01
 Changchun iP 13 03
 sP 14 12
 S 19 05
 Zose +iP 13 07
 sP 14 19
 iS 19 12
 sS 20 31

7.VII Canton +iP 06 22 31
 pP 22 42
 S 30 26
 Kunming +iP 23 06
 pP 23 17
 S 31 30
 Lhasa +iP 23 33
 eS 32 21

7.VII Epc: 7°S, 129°E
 O: 11-47-19

Canton eP 11 54 00
 eS 59 21
 Zose eS 12 00 40
 Nanking eP 11 54 56
 eS 12 01 03
 Kunming +iP 11 55 03
 S 12 01 15
 Chengtu +P 11 55 30
 eS 12 01 59
 Sian eP 11 55 37
 eS 12 02 16
 Peking eP 11 56 01
 eS 12 03 00
 Lanchow +P 11 56 06
 eS 12 03 07
 Lhasa +iP 11 56 26
 eS 12 03 44

7.VII Epc: 51°N, 179°E
 O: 06-12-42
 h: 40km, M: 6

Changchun iP 06 19 45
 Peking +iP 20 51
 pP 21 02
 iS 27 23
 Zose +iP 21 12
 pP 21 24
 iS 28 01
 Nanking +iP 21 18
 pP 21 29
 S 28 11
 Paotow +iP 21 18
 pP 21 30
 S 28 14
 Sian +iP 21 54
 eS 29 06
 Lanchow +iP 22 06
 pP 22 20
 S 29 43
 Chengtu +iP 22 33
 pP 23 44
 S 29 28

8.VII Epc: 51°N, 179°E
 O: 03-21-58, M: 5½

Changchun P 03 29 02
 eS 34 40
 Peking eP 30 06
 iS 36 37
 Zose -P 30 27
 S 37 14
 Nanking -P 30 33
 S 37 25
 Paotow -P 30 34
 eS 37 28
 Sian -P 31 09
 eS 38 30
 Lanchow -P 31 23
 S 38 56
 Canton -P 31 45
 eS 39 25
 Chengtu eP 31 48
 eS 39 43
 Kunming -P 32 21

8.VII Kunming eS 03 40 45
 Lhasa eP 32 47
 eS 41 34

11.VII Changchun iP 12 46 57
 eS 52 06
 Lhasa eP 47 14
 iS 52 36

8.VII Epc: 35°N, 104°E
 O: 22-58-02, M: 4

Lanchow -iP 22 58 16
 S 58 25
 Sian eP 59 18
 S 23 00 11
 Chen tu eP 22 59 32
 eS 23 00 36

12.VII Epc: 31°N, 117°E
 O: 12-46-26, M: 3½

Nanking -iP 12 46 51
 eS 47 08
 Zose ePn 47 23
 +P 47 28
 eS 47 58
 S 48 06
 Lanchow eP 49 24

8.VII Epc: 23°N, 93°E
 O: 23-52-43

Lhasa -iP 23 54 47
 S 55 43
 Kunming +P 54 55
 Lanchow eP 56 30

13.VII Epc: 10°N, 122°E
 O: 03-31-54
 h: 40km, M: 6

Canton eP 03 35 37
 eP 35 51
 S 36 32
 Zose +P 36 41
 S 40 22
 Nanking eP 36 54
 iS 37 07
 iS 40 58
 Kunming +iP 37 11
 sP 37 27
 S 41 28
 sS 41 52
 Chengtu eP 37 32
 sP 37 49
 S 42 04
 sS 42 24
 Sian P 37 40
 S 42 13
 Peking -P 38 08
 iS 38 23
 S 43 05
 sS 43 26
 Lanchow eP 38 13
 eS 43 09
 Changchun iP 38 37
 sP 38 53
 iS 43 59
 Lhasa +P 38 52
 S 44 22

11.VII Epc: 31°N, 67°E
 O: 01-03-54, M: 5

Lhasa +iP 01 08 39
 S 12 27
 Lanchow eP 10 13
 eS 15 16
 Kunming eP 10 27
 Paotow eP 10 55
 Peking eP 11 34
 Zose eP 12 18

11.VII Epc: 12°N, 122°E
 O: 12-40-31, M: 5½

Zose +iP 12 44 55
 S 48 32
 Nanking eP 45 08
 eS 48 53
 Kunming -P 45 32
 eS 49 32
 Chengtu P 45 57
 Sian P 45 58
 eS 50 22
 Peking eP 46 27
 S 51 15
 Lanchow eP 46 32
 Paotow eP 46 46

13.VII Epc: 31°N, 80°E
 O: 05-01-16, M: 4

13.VII Lhasa eP 05 03 37
 S 05 26
 Lanchow eP 05 55
 Kunming eP 05 57

13.VII Epc: East Coast of Kamchatka.
 (堪察加半島東海岸)
 O: 22-19-(20), M: 5 $\frac{1}{2}$

Changchun iP 22 24 59
 Peking eP 26 10
 Paotow -P 26 38
 S 32 28
 Lanchow -P 27 33
 eS 34 06
 Lhasa -P 29 02

14.VII Epc: 31°N, 80°E
 O: 15-58-59, M: 4 $\frac{1}{2}$

Lhasa eP 16 01 22
 S 03 12
 Lanchow eP 03 39
 Chen-tu eP 03 42
 eS 07 28
 Kunming eP 03 44
 eS 07 35
 Sian eP 04 21
 Paotow eP 04 37
 Peking eP 05 15

14.VII Epc: Kuril Is.
 (千岛群岛)
 O: 20-37-53

Peking eP 20 43 59
 Zose +P 44 22
 S 49 33
 Nanking eP 44 27
 eS 49 42

15.VII Epc: 39°N, 140°E
 O: 06-47-22
 h: 100km, M: 6

Changchun iP 06 50 18
 iS 52 38
 Zose -P 51 27
 Peking -iP 51 36
 pP 51 57

15.VII Peking sP 06 52 09

iS 55 04
 esS 55 39
 Nanking -iP 51 40
 eS 55 09
 Paotow -P 52 23
 pP 52 45
 S 56 28
 Sian -iP 52 46
 sP 53 17
 Canton -iP 53 11
 S 57 51
 sS 58 30
 Lanchow eP 53 16
 epP 53 38
 esP 53 49
 eS 58 05
 sS 58 45
 Chen-tu P 53 33
 eS 58 29
 Kunming -iP 54 07
 esP 54 40
 iS 59 33
 sS 07 00 18
 Lhasa -iP 06 55 05
 eS 07 01 16

15.VII Epc: off East-North Honshu,
 Japan. (日本本州之東北)
 O: 15-12-23

Changchun P 15 15 54
 S 18 25
 Zose +P 17 07
 Peking eP 17 13
 Nanking eP 17 20
 eS 21 21
 Lanchow eP 18 52
 Kunming +P 19 45
 Lhasa eP 20 43

16.VII Epc: North New Hebrides.
 (新赫布里底群岛北部)

O: 09-25-54, h: Deep focus?

Zose +P 09 35 59
 S 44 10
 Canton eP 36 09
 eS 44 31
 Nanking eP 36 15
 Changchun iP 36 40
 Peking +P 36 55

16.VII Peking eS 02 45 57
 Sian +iP 37 06
 eS 46 16
 Kunming +P 37 11
 S 46 25
 Chengtu +P 37 17
 S 46 36
 Paotow eP 37 20
 Lanchow +P 37 31

17.VII Sian -PKP1 05 52 16
 PKP2 53 34
 PP 57 21
 Paotow PKP1 52 16
 PKP2 53 55
 PP 57 45
 Lanchow PKP1 52 17
 PKP2 53 44

16.VII Epc: Alaska Range
 (阿拉斯加地槽)
 O: 12-54-35

Changchun iP 13 03 27
 Peking +P 04 19
 eS 11 11
 Paotow eP 04 34
 Zose +P 04 56
 eS 13 17
 Nankin +P 04 58
 eS 13 19
 Sian +P 05 14
 eS 13 53
 Lanchow +P 05 17
 eS 14 00
 Chengtu P 05 46
 eS 14 53
 Canton +P 06 02
 eS 15 23
 Kunming eP 06 19
 Lhasa +P 06 25

17.VII Epc: 43°N, 145°E
 O: 17-20-22, M: 5 1/2

Changchun iP 17 23 44
 S 26 23
 Peking +iP 25 12
 iS 29 07
 Zose +P 25 17
 S 29 18
 Nanking +P 25 28
 eS 29 37
 Paotow +P 25 55
 eS 30 20
 Sian +iP 26 25
 S 31 12
 Lanchow +iP 26 49
 S 31 57
 Canton +P 26 56
 eS 32 11
 Kunming +P 27 47
 S 33 42
 Lhasa +iP 28 35

17.VII Epc: Chile
 (智利)
 O: 05-32-07, M: 6 1/2

Canton -PKP1 05 52 06
 PKP2 52 40
 PP 56 20
 Zose -PKP1 52 08
 PKP2 52 54
 PP 56 40
 Changchun PKP1 52 08
 PP 56 45
 Kunming PKP1 52 09
 Nanking -PKP1 52 10
 PKP2 53 06
 PP 56 51
 Lhasa -PKP1 52 12
 Peking ePKP1 52 14
 PP 57 28

18.VII Epc: 9°N, 125°E
 O: 02-31-56

Zose eS 02 42 36
 Chengtu eP 38 04
 eS 42 57
 Peking eP 38 31
 Lanchow eP 38 41
 S 44 04
 Lhasa eP 39 20

18.VII Epc: Flores, Indonesia
 (弗洛雷斯群岛)
 O: 05-53-(52)

Kunming -P 06 01 06
 eS 06 54
 Zose eP 01 20
 eS 07 20

18.VII Nanking eP 06 01 28
 Chengtu eP 01 40
 eS 07 55
 Sian +iP 01 55
 Lanchow P 02 21
 eS 09 12
 Lhasa eP 02 22
 eS 09 11
 Peking eP 02 31

19.VII Zose eP 22 09 54
 eS 13 38
 Peking eP 09 59
 Nanking eP 10 06
 Lanchow eP 11 40

21.VII Lhasa P 17 32 43
 Lanchow -P 34 09
 Peking eP 35 27

18.VII Epc: Indonesia.
 (印度尼西亚)
 O: 09-23-(34)
 Kunming -P 09 29 55
 Zose -P 30 10
 Nanking eP 30 18
 Chengtu P 30 30
 Sian -iP 30 45
 Lanchow -iP 31 09
 S 37 14
 Lhasa -iP 31 12
 eS 37 18
 Peking -P 31 20
 Paotow eP 31 28

22.VII Epc: $80\frac{1}{2}^{\circ}S$, $157\frac{1}{2}^{\circ}E$
 O: 13-36-52
 h: 100km, M: $5\frac{1}{2}$
 Zose -P 13 46 03
 S 53 24
 Nanking S 53 56
 Changchun P 46 51
 sP 47 24
 eS 54 56
 Peking eP 47 05
 sP 47 36
 S 55 21
 Sian -P 47 13
 Chengtu eP 47 25
 sP 48 00
 S 55 57
 Paotow eP 47 31
 sP 48 03
 eS 56 11
 Lanchow eP 47 43
 sP 48 17
 is 56 32
 Lhasa eP 48 27
 sP 49 02
 is 57 55

18.VI Epc: Mariana Is.
 (马里亚纳群岛)
 O: 10-10-(18)
 Zose -P 10 16 14
 Sian eP 17 51
 Chengtu eP 18 13
 S 24 33
 Kunming P 18 18
 Lanchow P 18 26
 S 24 57
 Lhasa eP 19 41

24.VII Epc: $30^{\circ}N$, $95^{\circ}E$
 O: 09-55-39, M: 4
 Lhasa eP₁₁ 09 56 37
 +P 56 43
 S₁₁ 57 21
 S 57 31
 Kunming S 10 00 18
 Lanchow S 00 55

19.VII Epc: $23\frac{1}{2}^{\circ}N$, $114\frac{1}{2}^{\circ}E$
 O: 09-30-29, M: 4
 Canton iP 09 30 56
 is 31 13

19.VII Epc: $39\frac{1}{2}^{\circ}N$, $144\frac{1}{2}^{\circ}E$
 O: 22-05-13
 Changchun eP 22 08 41

24.VII Epc: $10\frac{1}{2}^{\circ}N$, $121\frac{1}{2}^{\circ}E$
 O: 16-23-07, M: 5

24.VII Zose -iP 16 27 53
 eS 31 40
 Nanking eP 28 05
 Kunming -P 28 20
 eS 32 32
 Chengtu eP 28 45
 S S 33 15
 Sian eP 28 47
 Peking eP 29 20
 Lanchow eP 29 25
 eS 34 29
 Changchun iP 29 52
 Lhasa eP 30 01
 eS 35 30

25.VII Peking eP 09 21 36
 Lanchow eP 23 08

25.VII Epc: 30°N, 95°E
 O: 22-40-55, M: 4
 Lhasa ePn 22 41 54
 +P 42 01
 S 42 39
 S 42 49
 Kunming e(Pn) 43 05
 S 45 36
 Lanchow ePn 43 17

26.VII Epc: Kuril Is.
 (千岛群岛)
 O: 04-22-52, M: 4 1/2
 Changchun eP 04 27 52
 eS 31 53
 Peking eP 29 07
 eS 34 07
 Zose eP 29 22
 Sian +P 30 15
 Lanchow +P 30 36
 Kunming +P 31 37
 Lhasa eP 32 17

26.VII Epc: Panama
 (巴拿马)
 O: 08-14-44, M: 7 1/2
 Changchun PP 08 35 18
 Peking ePKP 33 52
 iPKP 34 04

26.VII Peking PP 08 36 03
 PKS 37 16
 PKS 37 28
 Paotow ePKP 33 55
 PP 36 11
 PKS 37 26
 PKS 37 35
 Zose ePKP 33 58
 +iPKP 34 06
 PP 36 47
 PP 37 00
 PKS 37 48
 Nanking ePKP 33 58
 +PKP 34 06
 PP 36 47
 PP 36 57
 PKS 37 50
 Lanchow ePKP 33 59
 +iPKP 34 06
 ePP 36 41
 iPP 36 49
 PKS 37 54
 Sian ePKP 34 02
 +iPKP 34 08
 PP 36 50
 PKS 37 53
 Chengtu +PKP 34 10
 PP 36 22
 PKS 38 00
 Lhasa +PKP 34 15
 Canton -iPKP 34 25
 PP 37 52
 Kunming -ePKP 34 26
 -PKP 34 28

26.VII Epc: 36 1/2°N, 105 1/2°E
 O: 13-40-20, M: (4 1/2)
 Lanchow -iP 16 40 48
 S 41 06
 Sian P 41 32
 S 42 21
 Paotow ePn 42 02
 (P) 42 08
 eS 43 22
 Chengtu eS 43 35

27.VII Epc: 30°N, 95°E
 O: 05-52-52, M: 4
 Lhasa ePn 05 53 50
 +P 53 56

~~27.VII~~ Lhasa S_n 05 54 34
 \bar{S} 54 44
 Chengtu (\bar{S}) 57 06
 Kunming (\bar{S}) 57 32
 Lanchow eP_n 55 14
 (\bar{S}) 58 05

~~28.VII~~ Lhasa $+P$ 19 43 49
 S_n 44 27
 \bar{S} 44 37
 Kunming (\bar{S}) 47 24
 Lanchow eP_n 45 04
 (\bar{S}) 48 00

27.VII Epc: Aleutian Is.
 (阿留申群岛)
 O: 12-38-(08) M: 6

Changchun iP 12 46 12
 eS 52 42
 Peking eP 47 14
 eS 54 32
 Zose $+P$ 47 35
 eS 55 09
 Paotow eP 47 39
 Sian $+P$ 48 14
 eS 56 22
 Lanchow eP 48 29
 Chengtu $+P$ 48 53
 Kunming $+P$ 49 24
 Lhasa $+P$ 49 48

28.VII Epc: 36°N, 143°E
 O: 19-42-46, M: 4 $\frac{3}{4}$

Changchun P 19 46 25
 eS 49 17
 Zose eP 47 09
 eS 50 36
 Nanking eP 47 25
 eS 51 09
 Peking eS 51 16
 Paotow eS 52 49
 Sian eP 48 39
 eS 53 25
 Canton S 53 38
 Lanchow eP 49 10
 S 54 11
 Kunming eS 55 22
 Lhasa eP 50 58
 eS 57 24

28.VII Epc: Tonga Is.
 (汤加群岛)
 O: 00-05-10, M: 6

Zose $+P$ 00 17 13
 Nanking eS 27 38
 Canton $+P$ 17 31
 eS 27 44
 Changchun iP 17 31
 Peking $+iP$ 17 54
 eS 28 30
 Sian $+iP$ 18 10
 S 29 04
 Paotow $+P$ 18 15
 eS 29 05
 Kunming $+P$ 18 20
 $eSKS$ 29 13
 eS 29 21
 Chengtu $+P$ 18 22
 $eSKS$ 28 54
 eS 29 24
 Lanchow $+P$ 18 30

28.VII Epc: Kuril Is.
 (千岛群岛)
 O: 20-46-25

Changchun eP 20 50 30
 eS 53 45
 Peking eP 51 46
 eS 56 06
 Zose eS 56 23
 Paotow eP 52 29
 eS 57 23
 Lanchow eP 53 19
 S 58 46

~~28.VII~~ Epc: 30°N, 95°E
 O: 19-42-42, M: 4

Lhasa eP_n 19 43 42

~~29.VII~~ Epc: Ryukyu Is.
 (琉球群岛)
 O: 03-37-21, M: 4

Zose eP 03 38 57
 eS 40 11
 Nanking eP 39 27
 Peking eP 41 06
 Sian eP 41 11
 Changchun eP 41 27

29.VII Paotow eP 03 41 43

29.VII Epc: 23°^{30'}N, 114°^{15'}E
O: 08-57-41, M: 4^{3/4}

Canton	+iP	03 58 06
	iS	58 23
Peking	eS	09 01 39
Zose	eS	01 45
Kunming	eS	02 23
Sian	eP	00 26
	eS	02 32
Chengtu	eP	00 26
	S	02 33
Lanchow	eP	01 16
Lhasa	eP	02 35
Changchun	e(P)	02 37

30.VII Lanchow +iP 17 26 13

pP 26 30
iS 33 50
+iP 26 57
pP 27 13
iS 35 12

30.VII Epc: Colombia.
(哥倫比亞)

O: 20-18-(36), M: 6^{3/4}

Changchun	ePKP	20 37 51
	PP	40 32
Peking	ePKP	38 01
	ePP	41 10
Lanchow	ePKP	38 13
	PP	41 26
Sian	ePKP	38 13
	iPP	41 48
Zose	ePKP	38 15
	PP	41 42
Lhasa	ePKP	38 18
	PP	42 02
Chengtu	ePKP	38 20
	PP	42 08
Kunming	ePKP	38 32
	PP	42 50
Canton	ePKP	38 36

30.VII Epc: 30°N, 95°E
O: 03-23-33, M: 4

Lhasa	eP _n	03 24 38
	P	24 45
	eS _n	25 23
	S	25 32
Chengtu	(S)	28 03
Kunming	S	28 20
Lanchow	S	28 55

30.VII Epc: Biemarck Is.
(比爾斯島)
O: 17-13-44, M: 6^{1/2}

Canton	+iP	17 24 20
	pP	24 37
	iS	30 27
Zose	+iP	24 25
	pP	24 43
	iS	30 34
Kunming	+iP	25 34
	pP	25 51
	S	32 40
Changchun	iP	25 39
	S	32 50
Sian	iP	25 40
Peking	+iP	25 41
	pP	26 14
	S	32 52
Chengtu	+iP	25 48
	pP	26 05
	iS	33 04

31.VII Epc: 3°^{15'}S, 145°^{15'}E
O: 02-19-06

h: 100km ca., M: 5^{1/2}

Zose	eP	02 26 46
Kunming	P	27 55
	(pP)	28 19
Changchun	P	27 59
	pP	28 29
	PP	29 54
	eS	35 06
Sian	eP	28 01
	(pP)	26 29
Peking	+P	28 02
	pP	28 27
	(sP)	28 42
	S	35 53
Chengtu	+iP	28 09
Lanchow	+iP	28 34
	pP	28 59
	S	36 11
Lhasa	+P	29 17
	S	37 32

31.VII Epo: Japan.
(日本)
O: 05-08-48, M: 5

Zose	eP	05	11	36
Chengchun	P		12	18
Peking	eP		12	51
	eS		16	02
Sian	eP		13	52
Lanchow	+P		14	28
Chengtū	+P		14	31
Lhasa	SP		16	14

31.VII Epo: 19°N, 120°E
O: 05-13-03, M: 5½

Canton	-iP	05	15	03
Kunming	-iP		17	15
	iS		20	33
Sian	-iP		17	26
	S		20	58
Chengtū	-iP		17	31
	iS		21	02
Peking	-P		17	55
	S		21	52
Lanchow	-iP		18	09
	S		22	14
Lhasa	-P		19	08
	iS		24	00
	iScS		29	46

Given by
S. P. Lea (Chief)
L. T. Kuo

Division of Seismology,
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Peking China.

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PRELIMINARY SEISMOLOGICAL REPORT
OF
CENTRAL STATION, PEKING, AND AUXILIARY STATIONS
1 - 31, August 1962

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INSTITUTE OF GEOPHYSICS & METEOROLOGY
ACADEMIA SINICA
Peking, China

1.VIII Epc: $30^{\circ}S$, $144^{\circ}E$
 O: 04-36-57, M: 6

Canton	+iP	04 44 30
	S	50 38
Zose	+iP	44 35
	S	50 49
Nanking	+P	44 53
Kunming	+iP	45 43
	PP	47 45
	iS	52 53
Changchun	iP	45 50
	S	53 04
Sian	+iP	45 50
	S	53 06
Peking	+iP	45 52
	S	53 00
Chengtu	+iP	45 58
	S	53 16
Pootow	+P	46 18
	S	53 56
Lanchow	P	46 24
	S	53 57
Lhasa	+iP	47 07
	S	55 20

2.VIII Lhasa eP 15 36 00
 Lanchow eP 37 46
 Chengtu eS 42 42
 Kunming eP 38 04
 Peking eS 42 48
 eP 38 47

3.VII Epc: $21^{\circ}S$, $69^{\circ}W$
 O: 08-56-25
 h: 140km, M: 7

Changchun	-PKP1	09 16 01
	PKP2	16 30
	PP	20 06
Lhasa	-iPKP1	16 07
Pootow	-iPKP1	16 08
	PKP2	16 54
	PP	20 40
	pPP	21 15
Peking	-iPKP1	16 08
	pPKP1	16 47
	PKP2	16 55
	PP	20 39
	pPP	21 16
Lanchow	-iPKP1	16 11
	pPKP1	16 50
	PKP2	17 10
	pPKP2	17 44
	PP	20 52
	pPP	21 29
Zose	-iPKP1	16 13
	iPKP2	17 22
	PP	21 11
Nanking	-iPKP1	16 14
	pPKP1	16 50
	-iPKP2	17 25
	PP	21 12
Kunming	-iPKP1	16 14
	pPKP1	16 51
	pPKP2	18 12
Sian	-iPKP1	16 15
	pPKP	16 52
	-PKP2	17 23
	PP	21 13
Chengtu	-iPKP1	16 15

1.VIII Epc: $39^{\circ}S$, $90^{\circ}W$
 O: 15-47-43, M: 5

Lanchow	+iP ₁	15 49 04
	P	49 23
	S ₁	50 06
	S	50 28
Pootow	eP ₁	49 59
	iP	50 29
	S	52 17
Sian	P	50 31
Peking	eP	50 57
Kunming	eP	51 13
Changchun	P	52 27
	S	56 17

2.VII Epc: $33^{\circ}N$, $75^{\circ}E$
 O: 15-32-00, M: 4.5

3.VIII Chengtu pPKP1 09 16 50
 iPKP2 18 06
 Canton -iPKP1 16 18
 pPKP1 16 56
 -PKP2 18 09
 pPKP2 18 46
 PP 22 03

6.VIII Peking +iP 21 04 57
 SKS 15 21
 S 15 51
 Sian +P 05 07
 Kunming eP 05 08
 SKS 15 38
 S 16 03
 Chengtu +iP 05 15
 SKS 15 44
 S 16 13
 Lanchow eP 05 27
 SKS 15 56
 S 16 27

3.VIII Epc: $40^{\circ}\frac{1}{2}N$, $73^{\circ}E$
 O: 11-04-00, M: $5\frac{1}{4}$

Lhasa +P 11 08 20
 Lanchow P 09 22
 eS 13 40
 Chengtu P 09 44
 Paotow eP 09 58
 Sian eP 10 02
 Kunming eP 10 06
 Peking eP 10 34

7.VIII Epc: $11^{\circ}\frac{1}{2}N$, $92^{\circ}E$
 O: 03-01-41

Kunming eP 03 05 44
 Lhasa eP 05 59
 eS 09 22
 Chengtu P 06 40
 eS 10 40
 Lanchow eP 07 27
 Sian eP 07 32
 Peking +P 08 44

3.VIII Epc: $11^{\circ}\frac{1}{4}N$, $91^{\circ}\frac{3}{4}E$
 O: 22-46-00

Kunming eP 22 50 03
 eS 53 16
 Lhasa eP 50 19
 eS 53 40
 Chengtu +iP 51 01
 eS 54 58
 Lanchow +P 51 46
 eS 56 29
 Sian +iP 51 53
 Peking P 53 05

7.VIII Epc: $6^{\circ}N$, $127^{\circ}\frac{1}{2}E$
 O: 08-44-51

Chengtu +P 08 51 28
 Sian eP 51 30
 Peking eP 51 51
 Lanchow +P 52 04
 eS 57 48
 Lhasa P 52 41
 eS 58 59

5.VIII Changchun P 15 19 34
 Peking P 19 50
 Lanchow P 20 27

6.VIII Epc: North off Kermadec Is.
 (克马德克群岛之北)
 O: 20-52-(00), M: $6\frac{1}{4}$

Canton +P 21 04 22
 Nanking +P 04 27
 Changchun iP 04 43
 SKS 15 04
 eS 15 22

9.VIII Epc: $29^{\circ}\frac{1}{2}N$, $129^{\circ}\frac{1}{2}E$
 O: 10-43-51, h: 180km

Zose eP 10 45 42
 iS 47 06
 Nanking S 47 56
 Peking P 47 20
 eS 50 09
 Sian P 47 56
 Paotow P 48 10
 pP 48 45

9.VIII	Paotow	S	10	51	40
	Chengtu	P		48	37
		pp		49	09
		S		52	28
	Lanchow	+P		48	40
		epP		49	17
		esP		49	32
		eS		52	32
	Kunming	eP		48	56
		epP		49	32
		esP		49	55

11.VIII	Paotow	sP	02	03	12
		SKS		09	04
		S		09	33
	Chengtu	-iP	01	59	34
		sP	02	03	16
		SKS		09	05
		iS		09	40
		sS		13	22
	Lanchow	-iP	01	59	46
		epP	02	02	01
		iSKS		09	19
		S		10	02

10.VIII	Paotow	+P	21	16	23
	Changchun	iP		16	29
	Lanchow	+P		16	34
	Peking	+P		16	35
	Sian	-P		16	51

11.VIII Epc: 24°^{30'}N, 124°E
 O: 08-15-38
 h: 130km, M: 6 $\frac{3}{4}$

11.VIII	Epc: Tonga Is.				
	(湯加群島)				
	O: 01-47-33				
	Z h: 660km ca.,		M: 5 $\frac{1}{2}$		
	Zose	-P	01	58	30
		epP	02	00	34
		esP		01	21
	Canton	-P	01	58	42
		SKS	02	07	51
		S		08	03
	Nanking	-iP	01	58	43
		epP	02	00	52
		sP		01	51
		S		07	56
	Changchun	P	01	58	55
		ipP	02	01	09
		sP		02	05
		SKS		08	13
		S		08	22
	Peking	-iP	01	59	11
		epP	02	01	27
		esP		02	33
		SKS		08	37
		S		08	56
	Sian	-iP	01	59	25
		SKS	02	08	52
		S		09	21
	Kunming	-P	01	59	30
		sP	02	03	08
		SKS		09	00
		S		09	28
	Paotow	-P	01	59	32
		pp	02	01	48

Zose	+iP	08	17	16
	iS		18	23
Nanking	+iP		17	38
	iS		19	11
Canton	-iP		17	57
	iS		19	39
Sian	-iP		19	17
	iS		22	20
Peking	iP		19	26
	iS		22	26
	sS		31	11
Chengtu	-iP		19	45
	iS		23	09
Changchun	iP		19	54
	iS		23	21
Kunming	-iP		19	55
	S		23	21
	sS		24	05
Paotow	-iP		19	58
	iS		23	29
Lanchow	-iP		20	08
	iS		23	46
Lhasa	iP		21	33

11.VIII Epc: Philippine Is.
 (菲律賓群島)
 O: 18-12-41, h: Deep focus.

Zose	eP	18	17	14
	eS		20	54
Nanking	eP		17	31
	eS		21	22
Kunming	-P		18	06
Peking	-P		18	44

~~11. VIII~~ Peking eS 18 23 31
~~Lanchow eP 18 59~~
~~Paotow eS 24 10~~
~~Lhasa eP 19 46~~

14. VIII Zose eP 01 23 42
 Nanking eP 23 51
 Kunming S 35 05
 Peking eSKS 35 01

13. VIII Lanchow ePP 06 58 26
 Chengtu ePKP 55 37
 Canton ePKP 55 46
 Nanking ePKP 56 32

15. VIII Epc: Philippine Is.
 (菲律賓群島)
 O: 08-29-(51), M: 4 $\frac{1}{2}$
 Zose eS 08 38 31
 Nanking eP 34 49
 S 38 49
 Kunming eS 38 58
 Chengtu S 39 43
 Sian eS 39 59
 Lanchow S 40 54

~~13. VIII~~ Lanchow -P 14 51 14
~~Sian -P 51 40~~
~~Peking eP 52 04~~

~~13. VII~~ Epc: 27 $\frac{1}{2}$ N, 100 $\frac{0}{E}$
 O: 18-57-13, M: 3 $\frac{1}{2}$
 Kunming P 18 58 29
 S 59 13
 Chengtu eP 58 42
 S 59 50

~~15. VIII~~ Epc: 44 $\frac{1}{2}$ N, 134 $\frac{0}{E}$
 O: 10-06-42, M: 4 $\frac{1}{2}$
 Changchun Pn 10 08 17
 P 08 30
 Sn 09 24
 S 09 41
 Peking eP 10 04
 Nanking eP 10 55
 S 14 15
 Sian eP 11 40
 eS 15 40
 Lanchow eP 12 04
 eS 16 23
 Chengtu eP 12 31
 eS 17 09
 Kunming eP 13 13

13. VIII Epc: 54 $\frac{0}{N}$, 108 $\frac{1}{2}$ E
 O: 20-11-33, M: 5
 Paotow eP 20 14 45
 Peking eP 15 03
 Changchun S 18 03
 Lanchow P 15 50
 eS 19 10
 Sian eP 16 07
 eS 19 46
 Nanking eS 20 50
 Chengtu eP 16 46
 eS 20 58
 Zose eP 16 56
 eS 21 16
 Lhasa eP 17 25
 Kunming eP 17 37
 eS 22 27
 Canton eP 17 54

~~15. VIII~~ Changchun eP 11 28 07
 Peking eP 29 09
 Zose +P 29 30
 Nanking +P 29 35
 Paotow eP 29 36
 Sian +iP 30 10
 Kunming +iP 31 21

14. VIII Epc: West off New Zealand.
 (新西兰之西)
 O: 01-11-(08)
 Canton eP 01 23 39
 S 35 49

~~15. VII~~ Epc: 14 $\frac{0}{N}$, 56 $\frac{1}{2}$ E
 O: 13-08-34
 Kunming eS 13 23 33
 Paotow eS 25 35
 Canton eS 25 48

~~15.VIII~~ Peking eS 13 26 35
 Nanking eP 18 40
 eS 26 48
 Zose eP 18 56
 eS 27 18
 Changchun eP 19 21
 eS 28 04

17.VIII Changchun PPP 05 12 41
 eS 16 32
 Lhasa P 11 19

~~16.VIII~~ Epc: 35°N, 102°E
 O: 04-25-31, M: 3 $\frac{3}{4}$
 Lanchow +Pn 04 26 03.6
 P 26 08.6
 eSn 26 32
 S 26 33.6
 Chengtu ePn 26 33
 eSn 27 25
 e(S) 27 30
 Sian Pn 27 00
 iSn 28 11
 i(S) 28 19

18.VIII Epc: 62°N, 151° $\frac{1}{2}$ W
 O: 16-43-46, M: 5 $\frac{1}{2}$
 Changchun +P 16 52 40
 PP 54 36
 Peking +P 53 32
 ePP 55 37
 eS 17 01 26
 Paotow eP 16 53 48
 eS 17 01 56
 Zose +P 16 54 08
 ePP 56 24
 eS 17 02 32
 Nanking +P 16 54 11
 ePP 54 28
 eS 17 02 36
 Sian +P 16 54 26
 Lanchow +P 54 30
 PP 56 57
 eS 17 03 11
 Chengtu P 16 54 59
 eS 17 04 07
 Canton +P 16 55 15
 PPP 59 41
 eS 17 04 39
 Kunming +P 16 55 31
 eS 17 05 08

17.VIII Epc: 10°N, 121° $\frac{1}{2}$ E
 O: 05-04-25, M: 6
 Canton eP 05 07 58
 iS 10 54
 Zose -iP 09 10
 S 12 58
 Nanking -iP 09 22
 PP 09 46
 PPP 09 58
 S 13 21
 Chengtu P 10 02
 PP 10 44
 PPP 10 55
 S 14 31
 Sian -iP 10 07
 PP 10 58
 PPP 11 16
 S 14 41
 Peking -iP 10 37
 PP 11 37
 PPP 11 50
 eS 15 35
 Lanchow -P 10 41
 iS 15 42
 Paotow eP 10 53
 S 16 04
 Changchun -iP 11 09
 PP 12 26

18.VIII Epc: 61°N, 152° $\frac{1}{2}$ W
 O: 17-46-11, M: 5 $\frac{3}{4}$
 Changchun +iP 17 55 00
 PP 56 53
 eS 18 02 01
 Peking +P 17 55 53
 eS 18 03 45
 Paotow eP 17 56 07
 Zose +P 56 29
 ePP 58 46
 eS 18 04 42
 Nanking +P 17 56 31
 eS 18 04 55
 Sian +P 17 56 48
 Lanchow +P 56 51
 eS 18 05 31
 Chengtu +P 17 57 20
 eS 18 06 25

18.VII Canton eP 17 57 36
 eS 18 06 52
 Kunming +P 17 57 53
 PP 18 00 41
 eS 07 20

19.VIII Nanking +iP 18 32 59
 pP 33 12
 eS 38 05
 Canton +iP 33 18
 pP 33 32
 PP 34 25
 eS 38 40
 " sS 39 07
 Zose +iP 33 19
 PP 34 33
 eS 38 42

19.VII Epc: 25°N, 104° $\frac{1}{2}$ E
 O: 09-25-42, M: 3 $\frac{1}{2}$
 Kunming ePn 09 26 14
 P 26 16
 S 26 35
 Chengtu S 26 53

19.VIII Changchun PKP 23 32 44
 PP 37 03
 Peking -PKP 32 52
 Nanking -iPKP 32 55
 Chengtu -iPKP 32 57
 PP 38 42
 Sian -PKP 32 57
 PP 38 30
 Kunming -iPKP 32 57
 iPP 38 41
 Lanchow -iPKP 32 57
 Canton PKP 32 58
 ePP 38 27

19.VIII Epc: 27° $\frac{1}{2}$ N, 127° $\frac{1}{2}$ E
 O: 11-18-18, M: 4 $\frac{1}{2}$
 Zose eP 11 19 50
 eS 20 59
 Peking eP 21 57
 eS 24 56
 Changchun eP 22 08
 Sian eP 22 18
 Chengtu eP 22 57
 Lanchow eS 27 07
 Kunming eP 23 15
 eS 27 15

21.VIII Epc: 24° $\frac{1}{2}$ N, 121° $\frac{1}{2}$ E
 O: 04-28-28, M: 4 $\frac{1}{2}$

Nanking eP 04 30 25
 eS 31 53
 Sian eP 32 03
 Peking eP 32 25
 eS 35 31
 Kunming eS 35 52
 Paotow eP 32 51
 Lanchow eP 32 54
 eS 36 23
 Changchun eP 33 00

19.VIII Epc: 45°N, 80° $\frac{1}{2}$ E
 O: 18-26-32
 h: 50km ca., M: 6
 Lhasa +iP 18 30 35
 pP 30 50
 iS 33 51
 Lanchow +iP 30 59
 sP 31 12
 iS 34 34
 Paotow +iP 31 24
 S 35 21
 Chengtu +iP 31 38
 S 35 43
 Sian +iP 31 46
 sP 32 01
 Peking iP 32 10
 S 36 41
 Kunming +iP 32 11
 S 36 42
 Changchun +iP 32 56
 S 38 04

21.VIII Epc: 41°N, 14° $\frac{1}{2}$ E
 O: 18-09-01

Lhasa -P 18 19 20
 S 27 40
 Lanchow -iP 19 56
 S 28 49
 Paotow eP 20 04
 eS 29 03
 Chengtu -P 20 16

21.VIII	Chengtu	S	18	29	25
	Sian	-iP		20	23
		S		29	39
	Peking	eP		20	28
		eS		29	49
	Kunming	eP		20	29
		eS		29	51
	Changchun	iP		20	45
		eS		30	19
	Nanking	eP		21	08
		eS		31	05
	Zose	eP		21	18
		eS		31	26
	Canton	eP		21	21
		eS		31	32

21.VIII Epc: $41^{\circ}\frac{1}{2}N$, $15^{\circ}\frac{1}{2}E$
O: 18-19-31, M: $5\frac{3}{4}$

Lhasa	+P	18	29	49
	iS		38	07
Lanchow	eP		30	22
	S		39	16
Pootow	+P		30	32
	S		39	30
Chengtu	+iP		30	44
	iS		39	52
Sian	+P		30	51
	iS		40	07
Peking	+P		30	57
	S		40	15
Kunming	P		30	58
	S		40	21
Changchun	+iP		31	11
	S		40	57
Nanking	+P		31	36
	S		41	29
Zose	+P		31	47
	S		41	53
Canton	eP		31	48
	eS		41	57

21.VIII Epc: Kermadec Is.
(克馬德克群島)
O: 21-05-(42), M: $5\frac{3}{4}$

Zose	eP	21	18	24
	eS		28	57
Canton	eP		18	29
	eS		29	05
Nanking	eP		18	36
	eS		29	14

21.VIII	Changchun	P	21	18	49
		S		29	50
	Peking	eP		19	05
		SKS		29	39
		S		30	15
	Sian	eP		19	13
	Kunming	eSKS		29	52
		S		30	33
	Chengtu	eP		19	21

21.VIII	Peking	ePKP	21	29	19
	Sian	ePKP		29	23
	Pootow	ePKP		29	24
	Kunming	ePKP		29	35
	Lanchow	ePKP		29	37
	Chengtu	ePKP		29	39

22.VIII Epc: $26^{\circ}\frac{1}{2}N$, $142^{\circ}\frac{1}{2}E$
O: 04-32-27, M: $4\frac{1}{2}$

Zose	eP	04	36	57
Nanking	eP		37	19
Sian	P		38	38
Chengtu	eP		39	13
	eS		44	40
Lanchow	eP		39	17
	eS		44	44
Kunming	eP		39	30
	eS		45	08
Lhasa	eP		40	50

~~22.VII Epc: $27^{\circ}\frac{1}{2}N$, $127^{\circ}\frac{1}{2}E$
O: 20-14-11, M: $4\frac{1}{4}$~~

Peking	eP	20	17	58
Changchun	P		18	15
	eS		21	27
Sian	eP		18	22
Chengtu	eP		18	57
	eS		22	45
Lanchow	eP		19	09
	eS		23	10
Kunming	eS		23	23

~~22.VIII Epc: Philippine Is.
(菲律賓群島)
O: 21-07-59~~

Canton	eP	21	12	18
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~~22.VIII Canton~~ eS 21 15 43
~~Zose~~ eP 13 01
~~Peking~~ eS 17 04
~~eP 14 27~~

~~23.VIII Zose~~ eP 01 38 44
~~Nanking~~ eP 39 14
~~Peking~~ eP 40 10
~~Changchun~~ P 40 51
~~Lanchow~~ eP 41 52

~~23.VIII Epc: 27°⁰¹N, 127°⁰⁸E~~
~~O: 02-06-15, M: 4¹/₂~~

~~Peking~~ eP 02 10 06
~~Changchun~~ eP 10 16
~~Pactow~~ eP 10 51
~~Chengtū~~ eP 11 03
~~Lanchow~~ eP 11 16
~~Kunming~~ eP 11 21
~~eS 15 28~~

~~23.VIII Epc: 22°⁰¹N, 121°E~~
~~O: 15-29-37, M: 4³/₄~~

~~Canton~~ eP 15 31 25
~~Zose~~ eP 31 47
~~Nanking~~ eP 32 03
~~Kunming~~ eP 33 39
~~Chengtū~~ eP 33 45
~~Peking~~ eP 33 54
~~Lanchow~~ eP 34 17
~~Pactow~~ eP 34 24
~~Changchun~~ eP 34 39
~~Lhasa~~ eP 35 48

~~23.VII Nanking~~ eP 17 13 03
~~Changchun~~ P 13 10
~~Lanchow~~ eP 14 02

~~23.VIII Epc: 26°⁰⁵N, 128°⁰¹E~~
~~O: 17-24-45~~

~~Peking~~ eP 17 28 42
~~eS 31 47~~
~~Changchun~~ P 28 55
~~Pactow~~ eP 29 27
~~Chengtū~~ eP 29 39
~~Lanchow~~ eP 29 52
~~Kunming~~ eP 29 57
~~eS 34 10~~

~~23.VIII Changchun~~ P 19 40 55
~~Peking~~ eP 41 41
~~Nanking~~ eP 42 06
~~Lanchow~~ eP 42 19
~~Sian~~ P 42 24

~~24.VIII Epc: Fiji Basin,~~
~~(菲吉洋)~~
~~O: 06-47-18, h: 540km~~

~~Canton~~ eP 06 58 19
~~Nanking~~ eP 58 25
~~Changchun~~ iP 58 42
~~pP 07 00 41~~
~~sP 01 36~~
~~eS 08 10~~
~~SKS 08 21~~
~~Peking~~ eP 06 58 57
~~epP 07 00 57~~
~~SKS 08 29~~
~~Sian~~ eP 06 59 05
~~pP 07 01 05~~
~~SKS 08 40~~
~~Kunming~~ eP 06 59 06
~~pP 07 07 06~~
~~Chengtū~~ -iP 06 59 14
~~pP 07 01 14~~
~~iSKS 08 50~~
~~Pactow~~ eP 06 59 16
~~pP 07 01 16~~
~~SKS 08 52~~
~~Lanchow~~ eP 06 59 25
~~epP 07 01 25~~
~~iSKS 09 05~~

24.VIII Epc: Samoa Is.
(薩摩阿群島)
O: 09-04-11, M: 6

Nanking	eP	09 16 30
	eS	26 41
Changchun	P	18 36
	S	26 53
Canton	eP	16 39
Peking	eP	17 00
	SKS	27 28
Sian	eP	17 17
	SKS	27 50
Paoow	eP	17 21
	SKS	27 52
	SKKS	27 57
	S	28 19
Kunming	P	17 29
	SKS	28 05
	S	28 36
Changtu	eP	17 30
	SKS	28 03
	S	28 38
Lanchow	eP	17 38
	SKS	28 10
	S	28 51

25.VIII Epc: 27°N, 128° $\frac{1}{2}$ E
O: 05-09-38, M: 4 $\frac{1}{2}$

Nanking	eS	05 13 50
Peking	eP	13 26
	eS	16 31
Sian	eP	13 49
Paoow	eP	14 21
Chenstu	eP	14 25
	eS	18 17
Lanchow	eP	14 37
	eS	18 36
Kunming	eP	14 44
	eS	18 53

25.VIII Epc: 19° $\frac{1}{2}$ S, 177°W
O: 08-31-50
h: 580km, M: 6

Zose	-iP	08 42 47
	pP	44 47
	sP	45 50
	eS	51 53

25.VIII Canton -iP 08 43.00

	pP	44 59
	sP	45 59
	iS	52 17
Nanking	-P	43 01
	pP	45 03
	sP	46 07
	S	52 19
Changchun	-iP	43 13
	pP	45 16
	sP	46 17
	SKS	52 36
	S	52 45
Peking	-iP	43 30
	+pP	45 33
	sP	46 33
	SKS	53 00
	S	53 19
Sian	-iP	43 42
	pP	45 46
	SKS	53 15
	S	53 43
Kunmin	-iP	43 48
	pP	45 51
	SKS	53 22
	S	53 51
Changtu	-iP	43 52
	pP	45 56
	esP	46 54
	iSKS	53 27
	iS	54 02
Lanchow	-iP	44 02
	+pP	46 08
	sP	47 09
	iSKS	53 40
	iS	54 23

26.VIII Epc: 27° $\frac{1}{4}$ N, 130° $\frac{3}{4}$ E
O: 01-33-17

Zose	eP	01 35 37
Nanking	eP	36 04
Peking	eP	37 26
	eS	40 42
Changchun	eP	37 28
Paoow	eP	38 15
	eS	42 13
Lanchow	eP	38 41

26.VIII Epc: 34°N, 140°E

O: 06-48-47

h: 15km ca., M: 5 $\frac{3}{4}$

Changchun	iP	06 52 25
	sP	52 32
Zose	eP	52 40
	S	55 43
Nanking	eP	53 00
	sP	53 06
	iS	56 21
Peking	iP	53 25
	iS	57 06
Paotow	eP	54 11
	sP	54 17
	eS	58 31
Sian	-P	54 21
	sP	54 26
Canton	eP	54 27
	sP	54 34
Lanchow	P	54 55
	sP	55 01
	eS	59 47
Chengtu	eP	55 05
Kunming	eP	55 31

26.VIII Peking eP 23 39 21

	S	46 21
Changchun	P	39 23
	eS	46 24
Paotow	eP	39 45
	eS	47 07
Lanchow	+P	39 47
	eS	47 07
Lhasa	+P	40 26
	S	48 22

27.VIII Epc: Japan.

(日本)

O: 02-18-56, h: Deep focus

Changchun	+iP	02 21 19
	S	23 15
Zose	eP	22 34
	iS	25 30
Peking	P	22 36
	S	25 34
Nanking	eP	22 45
	S	25 50
Paotow	eP	23 23
	eS	27 00
Lanchow	P	24 17

26.VIII Epc: Japan.

(日本)

O: 22-35-(19), M: 4 $\frac{1}{4}$

Changchun	P	22 38 39
Peking	eP	39 39
	eS	43 07
Lanchow	eP	41 09

27.VIII Epc: 27°N, 128°E

O: 15-17-42, M: 4 $\frac{3}{4}$

Peking	eP	15 21 34
	eS	24 36
Changchun	iP	21 45
Sian	eP	21 52
Paotow	eP	22 20
Lanchow	P	22 44
	eS	26 44
Kunming	eP	22 49
	S	26 58

26.VIII Epc: 4°S, 140°E

O: 23-30-37, M: 5

Canton	eP	23 37 48
	eS	43 31
Zose	+P	38 02
	S	43 59
Nanking	+P	38 19
	S	44 29
Kunming	+P	39 02
	eS	45 48
Sian	+iP	39 14
	eS	46 09
Chengtu	P	39 19
	S	46 18

27.VIII Epc: 37°N, 142°E

O: 16-20-00, M: 5

Changchun	P	16 23 22
Zose	eP	24 20
Nanking	+P	24 36
Peking	P	24 38
	eS	26 19
Paotow	eP	25 25

27.VIII Sian +iP 16 25 47
 Canton +P 26 04
 eS 30 57
 Lanchow P 26 18
 eS 31 21
 Kunming +P 27 03
 eS 32 40

27.VIII Changchun P 23 42 01
 Peking eP 42 15
 Lanchow +P 42 44

28.VIII Epc: Honshu, Japan.
 (日本本州)
 O: 00-29-(26), M: 4 $\frac{1}{2}$

Changchun P 00 32 54
 Zose eP 33 11
 eS 36 17
 Nanking eP 33 30
 Peking eP 33 56
 Lanchow eP 35 23

28.VIII Epc: 34°N, 141°E
 O: 08-13-02, M: 5

Changchun P 08 16 38
 eS 19 27
 Zose eP 16 55
 eS 19 59
 Nanking P 17 19
 S 20 41
 Peking eP 17 39
 eS 21 21
 Paotow eP 18 27
 eS 22 48
 Sian eP 18 35
 S 23 00
 Canton eS 23 03
 Lanchow eP 19 09
 eS 24 07
 Kunming eP 19 48
 eS 25 13
 Lhasa eP 20 59

28.VIII Epc: 38°N, 23°E
 O: 10-59-57
 h: 100km ca., M: 6 $\frac{1}{4}$

28.VIII Lhasa +iP 11 09 28
 S 17 07
 Lanchow +iP 10 11
 pP 10 40
 PP 12 21
 S 18 31
 Paotow +P 10 25
 pP 10 58
 PP 12 51
 S 18 55
 eS 19 40
 Sian +iP 10 40
 pP 11 09
 S 19 27

→ Kunming ← +iP 10 41
 iS 19 26
 Peking +iP 10 52
 pP 11 17
 PP 13 25
 iS 19 47
 eS 20 29
 Changchun iP 11 14
 S 20 27
 Nanking +iP 11 29
 S 20 57
 Canton +iP 11 37
 S 21 11
 Zose +iP 11 41
 S 21 19

28.VIII Epc: 20 $\frac{1}{2}$ °S, 68°E
 O: 22-45-57, M: 4 $\frac{3}{4}$

Lhasa +P 22 53 25
 Kunming eP 54 03
 S 23 00 29
 Lanchow eP 22 54 59
 eS 23 02 11
 Canton eP 22 55 01
 eS 23 02 17
 Sian +iP 22 55 17
 S 23 02 44
 Paotow eP 22 55 47
 eS 23 03 40
 Nanking +P 22 56 00
 eS 23 04 07
 Zose eP 22 56 10
 eS 23 04 21
 Peking eP 22 56 13
 eS 23 04 29
 Changchun eP 22 57 02

28. VIII Changchun eS 23 06 07 29. VIII Nanking eP 20 24 25
 Peking eP 24 49
 Sian eS 23 32
 Lanchow eP 25 52
 eP 26 19

29. VIII Epc: $24^{\circ}N$, $114^{\circ}\frac{1}{2}E$
 O: 07-04-39, M: 4

Canton +iP 07 05 05
 S 05 21.5

29. VIII Epc: $33^{\circ}S$, $139^{\circ}E$
 O: 22-36-54, M: $5\frac{3}{4}$

29. VIII Epc: $2^{\circ}\frac{1}{2}S$, $68^{\circ}E$
 O: 09-11-54, M: $4\frac{3}{4}$

Lhasa	+iP	09 19 23	Zose	+P	22 40 32
	S	25 22	Nanking	+P	41 03
Kunming	eP	20 02		S	44 01
	S	26 31	Peking	eP	41 23
Lanchow	P	20 57		S	44 56
	eS	28 11	Paotow	eP	42 13
Canton	+P	21 00		S	46 29
	eS	28 18	Canton	eP	42 16
Sian	+iP	21 14	Sian	+P	42 18
	S	28 41		S	46 37
Paotow	+P	21 46	Lanchow	eP	42 52
	eS	29 45		eS	47 36
Nanking	+P	21 58	Chongtu	eP	43 00
	eS	30 03		iS	47 57
Zose	eP	22 08	Kunming	P	43 27
	S	30 20		eS	48 42
Peking	eP	22 11	Lhasa	eP	44 38
	eS	30 29		S	50 47
Changchun	eP	22 59			
	eS	32 00			

30. VIII Epc: $23^{\circ}S$, $114^{\circ}\frac{1}{2}E$
 O: 13-43-52, M: $4\frac{1}{4}$

Canton +iP 13 44 18
 S 44 36

29. VIII Epc: $34^{\circ}\frac{1}{2}N$, $140^{\circ}\frac{1}{2}E$
 O: 17-38-54, M: $4\frac{1}{2}$

Changchun	P	17 42 32
	eS	45 24
Nanking	eP	43 08
	eS	46 28
Peking	eP	43 33
	eS	47 15
Sian	eP	44 32
Lanchow	eP	45 05
	eS	49 47

30. VIII Epc: Honshu, Japan.
 (日本) O: 13-54-(58), M: $4\frac{3}{4}$

Zose	eS	13 53 12
Peking	eP	50 38
	eS	54 21
Lanchow	eP	52 10

29. VIII Epc: $34^{\circ}\frac{1}{2}N$, $140^{\circ}\frac{1}{2}E$
 O: 20-20-09, M: 5

Zose eP 20 24 02

30. VIII Nanking eP 17 30 17
 Peking +iP 30 45
 Sian iP 30 58
 Kunming eP 31 04
 Lanchow P 31 18

30. VIII Epc: (33°N, 99°E)
O: 21-35-50, M: 4

Lanchow	Pn	21 37 14.5
	P	37 32
	(Sn)	38 18
	iS	38 38.5
Chengtu	P	27 29
	S	38 37

31. VIII Epc: 50°¹/₂N, 179°¹/₂W
O: 17-02-41, M: 6¹/₄

Changchun	iP	17 09 52
	PP	11 18
	S	15 43
Peking	+iP	10 57
	S	17 35
Zose	+iP	11 17
	S	18 18
Nanking	P	11 23
Paoow	+P	11 26
	S	18 26
Sian	P	11 59
Lanchow	+iP	12 15
	eS	19 56
Chengtu	+iP	12 39
Kunming	+P	13 11
	S	21 44
Lhasa	+iP	13 38
	S	22 29

31. VIII Changchun	P	18 03 15
Paoow	+iP	04 48
Lanchow	+iP	05 38
Kunming	oP	06 33

Given by
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15/8/66. P.P.W.

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

1 - 30, September 1962

~~1. IX~~ Epc: $50^{\circ}\frac{1}{2}N$, $179^{\circ}\frac{1}{4}W$
O: 03-46-02, M: $5\frac{3}{4}$

Changchun	+iP	03 53 15
	iS	59 02
Peking	+iP	54 19
	S	04 00 56
Zose	+iP	03 54 39
	S	04 01 33
Nanking	eP	03 54 46
Paotow	+P	54 47
	S	04 01 51
Lanchow	iP	03 55 36
	S	04 03 22
Kunming	+P	03 56 32
Lhasa	+P	57 00

1. IX Paotow S 05 13 22

Lanchow	+iP	03 57
	sP	04 56
	iS	13 41
Lhasa	+iP	04 34
	sP	06 34

~~1. IX~~ Changchun +P 04 48 48

Peking	+P	49 52
Zose	eP	50 13
Paotow	+P	50 21
Lanchow	+iP	51 09
Kunming	eP	52 06

1. IX Epc: $51^{\circ}\frac{1}{2}N$, $179^{\circ}W$
O: 07-51-03, M: $5\frac{1}{2}$

Changchun	+iP	07 58 14
	eS	08 03 57
Peking	+P	07 59 19
	S	08 05 56
Zose	eP	07 59 39
Paotow	P	59 47
	iS	08 06 47
Lanchow	+iP	00 36
Kunming	eP	01 32
	eS	10 02
Lhasa	+iP	02 00
	S	10 53

~~1. IX~~ Epc: $15^{\circ}S$, $168^{\circ}\frac{1}{2}E$
O: 04-52-09
h: 160km, M: 6

Zose	+P	05 02 28
	sP	03 23
	S	10 50
Nanking	+P	02 44
	sP	03 39
Changchun	+iP	03 38
	sP	04 05
	S	12 05
Peking	P	03 22
	sP	04 19
	iS	12 33
Sian	+P	03 32
	sP	04 29
Kunming	+iP	03 36
	sP	04 31
	iS	12 57
Paotow	P	03 47
	esP	04 40

1. IX Epc: West Pakistan.
(西巴基斯坦)
O: 15-01-(00), M: $5\frac{1}{4}$

Lhasa	P	15 06 10
	S	10 23
Lanchow	eP	07 50
Paotow	eP	08 43
Peking	eS	15 51
Changchun	eP	10 13

1. IX Epc: $35^{\circ}N$, $48^{\circ}\frac{3}{4}E$
O: 19-20-25, M: 7

Lhasa	+iP	19 27 34
	S	33 16
Lanchow	+iP	28 43
Chengtuo	+iP	28 50
Kunming	+iP	29 06

1. IX Kunming i 19 29 10
 S 36 01
 Paotow +iP 29 10
 i 29 15
 eS 36 13
 Sian +iP 29 17
 Peking +iP 29 46
 i 29 51
 iS 37 13
 Nanking +iP 30 20
 i 30 25
 S 38 21
 Changchun +iP 30 23
 i 30 28
 iS 38 23
 Zoso +iP 30 36
 S 38 48
 Peking eP 27 43
 Changchun eP 27 54
 Paotow eP 28 26
 Lanchow eP 28 51

2. IX Peking eP 05 36 41
 sP 36 47
 eS 39 39
 sS 39 46
 Changchun P 36 54
 S 40 08
 Sian iP 37 05
 Paotow eP 37 29
 sP 37 34
 eS 41 10
 Chengtu eP 37 36
 eS 41 23
 Lanchow P 37 52
 S 41 54
 Kunming eP 37 58
 esP 38 03
 eS 42 07
 Lhasa P 39 27

2. IX Epc: 27°N, 128°E
 O: 03-53-59, M: 4½
 Peking eP 03 57 50
 eS 04 00 53
 Changchun eP 03 58 02
 Lanchow eP 59 01
 eS 04 03 04

Peking eP 06 17 01
 eS 20 07
 Changchun P 17 12
 eS 20 29
 Paotow eP 17 45
 eS 21 28
 Lanchow eP 18 06

2. IX Epc: 27°N, 128°E
 O: 04-32-12
 h: 12km, M: 4½
 Zoso eP 04 33 58
 Peking eP 36 03
 sP 36 08
 eS 39 06
 Changchun P 36 14
 sP 36 19
 eS 39 27
 Sian eP 36 26
 Paotow eP 36 48
 esP 36 54
 eS 40 28
 Lanchow eP 37 13
 eS 41 15

2. IX Epc: 27°N, 128°E
 O: 07-43-52, M: 4½
 Peking eP 07 47 45
 eS 50 49
 Changchun P 47 57
 eS 51 10
 Sian eP 48 08
 Paotow eP 48 30
 eS 52 11
 Lanchow P 48 54
 eS 52 51

2. IX Epc: 27°N, 128°E
 O: 05-32-51
 h: 12km, M: 5

2. IX Epc: Timor Sea,
 (的摩尔海)
 O: 15-21-(56)
 Kunming eP 15 29 24
 Sian eP 30 16
 Lanchow eP 30 36
 Lhasa P 30 39

2. IX Peking eP 15 30 49
 S 37 58
 Changchun eP 31 18

3. IX Epc: Ryukyu Is. (琉球群島) 4 1/4
 O: 05-03-(36), M: 4 1/4
 Peking eP 05 07 28
 eS 10 31
 Paotow eP 08 12
 Lanchow eP 08 36
 eS 12 36

4. IX Epc: 35°N, 50°E
 O: 13-30-07
 Lhasa eP 13 37 06
 eS 42 39
 Lanchow eP 38 15
 eS 44 47
 Kunming eP 38 39
 Sian eP 38 52
 Peking eP 39 18

6. IX Epc: Banda Sea. (班達海)
 O: 11-10(43)
 Kunming eP 11 18 01
 S 23 44
 Peking eP 19 02
 eS 25 41
 Lanchow eP 19 06
 eS 25 49
 Lhasa P 19 28
 eS 26 26

7. IX Epc: Banda Sea. (班達海)
 O: 07-41-(54)
 Kunming eP 07 49 19
 Peking P 50 13
 Lanchow P 50 21
 eS 57 09
 Lhasa +iP 50 44
 iS 57 50

9. IX Epc: 10 1/2°N, 122°E
 O: 01-34-29, M: 4 1/2
 Zose P 01 39 15
 eS 43 06
 Kunming P 39 42
 eS 43 54
 Chengtu eP 40 06
 eS 44 34
 Sian eP 40 11
 Peking eP 40 42
 Lanchow -iP 40 46

10. IX Epc: 10°N, 122 1/2°E
 O: 11-23-30
 Zose eP 11 28 20
 eS 32 15
 Kunming eP 28 50
 eS 33 07
 Lanchow P 29 53

10. IX Epc: 35°N, 26 1/2°E
 O: 09-36-24
 Lanchow +iP 09 46 40
 eS 54 59
 Chengtu eP 46 53
 eS 55 26
 Paotow +P 46 56
 Kunming P 47 05
 eS 55 45
 Sian +iP 47 09
 Peking +P 47 25
 eS 56 29
 Changchun P 47 49
 Nanking P 47 59
 Zose eP 48 12

10. IX Epc: 20 1/2°S, 178°W
 O: 15-43-59
 h: 630km, M: 6
 Zose -P 15 54 52
 S 16 03 53
 Canton -iP 15 55 03
 esP 58 17
 iS 16 04 14

10.IX	Nanking	-iP	15 55 05
		sP	58 17
	Chengchun	iS	16 04 19
		-iP	15 55 17
	Peking	esP	58 32
		-iP	55 34
	Sian	esP	58 52
		SKS	16 04 59
	Kunming	iS	05 18
		sS	09 16
	Paotow	P	15 55 46
		esP	59 04
	Chengtu	iS	16 05 42
		eP	15 55 50
	Lanchow	esP	59 04
		S	16 05 49
	Lhasa	-P	15 55 54
		esP	59 10
		-iP	55 55
		epP	58 12
		esP	59 13
		iS	16 06 00
		-iP	15 56 06
		esP	59 17
		SKS	16 05 39
		iS	06 23
		P	15 56 41

10.IX	Lhasa	P	22 48 02
		S	48 53
	Lanchow	eP	49 26
		eP	50 55
	Peking	eP	51 38
		eP	52 54

~~11.IX~~ Epc: 39°N, 93°E
O: 07-45-37, M: 4

	Lanchow	+P	07 47 52
		S	49 36
	Peking	eP	49 56
		eP	51 00

~~11.IX~~ Epc: 26¹/₂°N, 143°E
O: 17-51-02

	Zose	eS	17 59 21
		eP	56 00
	Nanking	eS	59 57
		eP	56 07
	Chengchun	eS	18 00 11
		eP	17 56 39
	Sian	+P	57 20

~~10.IX~~ Epc: Tonga Is. (東加群島)
O: 17-49-03, M: 5¹/₂

	Zose	eP	18 01 23
		eS	11 35
	Nanking	eP	01 36
		eP	01 40
	Canton	P	01 41
		+P	02 02
	Chengchun	SKS	12 29
		S	12 53
	Peking	eP	02 18
		eP	02 25
	Sian	eS	13 36
		eP	02 28
	Paotow	eSKS	13 02
		eS	13 42
	Kunming	eP	02 30
		eSKS	13 05
	Chengtu	eS	13 45
		eP	02 40
	Lanchow	eP	02 40

~~11.IX~~ Epc: 37³/₄°N, 106¹/₄°E
O: 19-17-27, M: 3¹/₂

	Lanchow	e(P _n)	19 18 21
		P	18 25
	Paotow	S _n	18 55
		eP	19 02
	Sian	eP	18 46
		eP	19 35
	Chengtu	eP	19 42
		eP	18 52
	Peking	eS _n	19 50
		eS _n	21 10
	Lanchow	eP	21 30
		eP	20 03
	Paotow	eP	21 38
		eS	21 45

~~10.IX~~ Epc: 28¹/₂°N, 95¹/₂°E
O: 22-46-54, M: 3³/₄

~~11.IX~~ Epc: 23°N, 122¹/₂°E
O: 21-56-10, M: 4¹/₂

	Zose	eP	21 58 08
		eS	59 34

11. IX ~~Nanking~~ eS 22 00 18
~~Sian~~ eP 00 02
 eS 03 07
 Peking P 00 19
 eS 03 33
 Chengtu eP 00 21
 S 03 41
 Kunming eP 00 25
 eS 03 52
 Paotow eP 00 48
 Lanchow +P 00 51
 eS 04 32
 Changchun eP 00 56
 eS 04 57
 Lhasa eP 02 12

12. IX ~~Epc: Changtu Region.~~
 (昌都地区)
 O: 06-21-(27)

Kunming eP 06 23 34
 Lanchow eP 23 40
 Paotow eP 25 10
 Changchun eP 27 07

12. IX ~~Epc: 30°S, 145°E~~
 O: 18-18-36, M: 5

Canton +iP 18 26 31
 eS 32 49
 Zose eP 26 33
 eS 32 55
 Nanking eP 26 51
 eS 33 27
 Kunming +P 27 44
 S 35 03
 Changchun eP 27 45
 eS 35 05
 Peking eP 27 48
 eS 35 10
 Sian eP 27 49
 eS 35 09
 Chengtu +iP 27 56
 S 35 24
 Paotow eP 28 15
 eS 36 00
 Lanchow +P 28 21
 S 36 10
 Lhasa +iP 29 04
 eS 37 30

12. IX ~~Epc: 37°N, 69°E~~
 O: 20-56-56, M: 6

Lhasa +iP 21 01 28
 iS 05 09
 Lanchow +iP 02 49
 PP 02 37
 S 07 33
 Chengtu +iP 03 03
 iS 07 57
 Kunming +iP 03 14
 PP 04 16
 iS 08 16
 Paotow +P 03 26
 PP 04 40
 S 08 37
 Sian +iP 03 27
 Peking +iP 04 06
 PP 05 32
 PPP 05 53
 iS 09 51
 Canton +iP 04 35
 eS 10 41
 Nanking +iP 04 40
 iPP 06 20
 PPP 06 46
 S 10 51
 iScS 14 38
 Changchun +iP 04 56
 iS 11 20
 Zose +iP 04 59
 PP 06 43
 PcP 06 54
 S 11 24
 SS 14 28

13. IX ~~Epc: 48°N, 156°E~~
 O: 08-07-51

Changchun eP 08 12 43
 eS 16 37
 Peking eP 14 00
 Zose eP 14 16
 Sian eP 15 08
 Lanchow -P 15 29
 Kunming eP 16 29

14. IX ~~Epc: 22°S, 177°W~~
 O: 18-17-52
 h: 380km ca., M: 5

14. IX Zese S 18 38 33
 Nanking eP 29 24
 eS 38 57
 Changohun -iP 29 36
 S 39 23
 sS 41 56
 Peking -iP 29 55
 SKS 39 42
 S 39 58
 Sian P 30 07
 S 40 24
 Kunming eS 40 33
 Paotow eS 40 41
 Chengtu iS 40 43
 Lanchow P 30 27
 S 41 05

16. IX Kunming eP 19 09 21
 eS 11 37
 Lhasa eP 09 42
 Chengtu P 10 26
 S 13 35
 Lanchow +P 11 16
 eS 15 14
 Sian P 11 24
 Paotow eP 12 16
 eS 16 59
 Peking eP 12 40
 Changchun eP 13 47

15. IX Epc: $48^{\circ}\frac{3}{4}N$, $158^{\circ}E$
 O: 22-50-56
 h: 100km ca., M: $5\frac{3}{4}$

Changchun -iP 22 55 39
 iS 59 39
 Peking -P 56 55
 pP 57 09
 PP 58 00
 S 23 01 49
 Zose -iP 22 57 13
 eS 23 02 24
 Nanking -iP 22 57 20
 epP 57 42
 eS 23 02 35
 Paotow eP 22 57 28
 eS 23 02 50
 Sian -iP 22 58 04
 S 23 03 57
 Lanchow -iP 22 58 24
 eS 23 04 29
 Canton -iP 22 58 43
 S 23 05 05
 Chengtu -iP 22 58 50
 iS 23 05 18
 Kunming -iP 22 59 26
 sP 59 59
 PP 23 01 19
 iS 06 22
 Lhasa iP 00 03

16. IX Epc: $22^{\circ}\frac{1}{2}N$, $123^{\circ}\frac{1}{2}E$
 O: 22-45-01, M: $4\frac{1}{4}$

Sian eP 22 49 12
 Peking eP 49 25
 eS 52 51
 Chengtu eP 49 35
 S 53 15
 Kunming eP 49 37
 eS 53 17
 Changchun eP 49 57
 eS 53 56
 Lanchow eP 50 00
 eS 53 59

17. IX Epc: $22^{\circ}\frac{1}{2}N$, $121^{\circ}E$
 O: 16-31-10, M: $4\frac{1}{2}$

Canton eS 16 34 28
 Zose eS 34 46
 Nanking eS 35 18
 Sian eP 34 56
 Peking eP 35 (21)
 Chengtu eP 35 21
 eS 38 41
 Lanchow P 35 49
 e(S) 39 29

16. IX Epc: $16^{\circ}\frac{1}{4}N$, $93^{\circ}\frac{1}{2}E$
 O: 19-06-24, M: 5

17. IX Epc: Fiji Is.
 (菲吉群岛)
 O: 17-55-42
 h: 590km ca., M: 6
 Zose -P 18 06 40

17. IX Zose esP 18 09 53

Canton -iP 06 51
iS 16 04

Nanking -iP 06 53
iS 16 07

Peking -iP 07 22
eS 17 08

Sian -iP 07 34
iS 17 32

Kunming -iP 07 38
eS 17 36

Chengtu P 07 43
iS 17 49

Lanchow esS 21 26
-iP 07 54
iS 18 11

18. IX Nanking eP 06 16 41

pP 17 02
S 21 41

SS 23 27

Kunming +P 16 58
pP 17 16
PP 18 06
S 22 08
sS 22 33

Chengtu +P 17 23
sP 17 53
S 22 51

Sian P 17 28
sP 17 55
PPP 18 14
S 23 03
sS 23 35

Peking +P 17 52
S 23 45

Lanchow +P 17 59
pP 18 21
sP 18 29
S 23 58

Pactow -P 18 11
S 24 18

Lhasa P 18 30
iS 24 53

18. IX Epc: Central America.
(中美洲)
O: 00-29-08, M: 6 $\frac{3}{4}$

Pactow ePKP 00 48 16
ePP 50 23
PKS 51 52
iSS 01 08 01

Peking ePKP 00 48 16
ePP 50 23
FKS 51 39

Zose ePKP 48 25
ePP 50 54
PPP 53 42
iSS 01 09 10

Lanchow PKP 00 48 28
PP 51 06
PKS 52 06
PPP 53 40
SKKS 58 01

Sian ePKP 48 30
PP 51 09

Chengtu ePKP 48 32

Lhasa PKP 48 39

Canton +iPKP 48 46

Kunming PKP 48 48

18. IX Epc: 26 $\frac{3}{4}$ N, 96 $\frac{1}{2}$ E
O: 12-19-50, M: 4

Lhasa P 12 21 12
iS 22 14

Kunming -iP 21 15
eS 22 23

Chengtu eP 21 42

Lanchow -iP 22 30

18. IX Epc: 2 $\frac{1}{2}$ N, 127 $^{\circ}$ E
O: 06-10-30
h: 70km ca., M: 5 $\frac{1}{4}$

Canton +iP 06 15 46
eS 20 01

Zose P 16 29
pP 16 50
S 21 17

19. IX Epc: Sea of Japan.
(日本海)
O: 00-06-59, h: Deep focus.

Changchun P 00 08 40
iS 10 00

Peking -iP 09 52
S 12 10

Zose eS 12 34

Nanking eP 10 12
iS 12 52

Pactow eP 10 37

Lanchow -P 11 34

19. IX Epc: $13^{\circ} \frac{1}{2} N$, $139^{\circ} E$
O: 07-48-(57)

Zose eP 07 54 10
Peking +iP 55 31
Sian P 55 41
Chengtu +P 55 59
Paotow +P 56 05
Lanchow P 56 19

20. IX Epc: $23^{\circ} \frac{3}{4} N$, $114^{\circ} \frac{1}{2} E$
O: 03-59-22, M: $3 \frac{1}{2}$

Canton +iP 03 59 48
S 04 00 05

20. IX Epc: Japan Trench.
(日本海沟)
O: 06-14-32, M: $4 \frac{3}{4}$

Peking eP 06 20 19
eS 24 58
Sian eP 21 01
Lanchow P 21 44
eS 27 26
Zose eP 45 56
Peking eP 47 13
Lanchow P 47 37

22. IX Epc: $26^{\circ} \frac{1}{2} N$, $97^{\circ} E$
O: 06-51-25, M: 6

Kunming Pn 06 52 54
P 53 10
Sn 53 50
S 54 07
Lhasa -iP 53 05
Chengtu eP 53 23
is 54 50
Lanchow +iP 54 13
S 56 25
Sian P 54 33
S 57 00
Canton +iP 55 13
S 58 10
Paotow P 55 37
S 58 52
Nanking +iP 56 02
is 59 45
Peking +iP 56 14
S 07 00 07

22. IX Zose +iP 06 56 22
S 07 00 21

24. IX Epc: $44^{\circ} \frac{3}{4} N$, $81^{\circ} \frac{1}{4} E$
O: 06-26-36, M: 5

Lhasa eP 03 30 37
eS 33 53
Lanchow eP 31 05
eS 34 39
Paotow eP 31 30
Chengtu eP 31 43
eS 35 48
Sian P 31 54
Kunming eS 36 38
Peking eP 32 13

24. IX Epc: $9^{\circ} \frac{1}{2} N$, $126^{\circ} E$
O: 05-28-25, M: $4 \frac{1}{2}$

Canton eP 05 32 44
eS 36 08
Zose +P 33 25
S 37 23
Kunming eP 34 13
Peking +P 34 53
S 40 03
Lanchow eP 35 07
Changchun P 35 12
Lhasa eP 35 54

24. IX Epc: $43^{\circ} \frac{1}{2} N$, $146^{\circ} E$
O: 14-38-22, M: $5 \frac{1}{2}$

Changchun iP $\frac{1}{2}$ 41 49
Peking +iP 43 16
S 47 14
Zose +P 43 21
Nanking +iP 43 32
S 47 50
Paotow +P 43 59
eS 48 33
Sian +iP 44 27
S 49 19
Lanchow +iP 44 54
PP 45 59
S 50 08
Canton +iP 44 58
eS 50 15
Chengtu +iP 45 14
PP 46 38

24. IX Chengtu eS 14 50 47
 Kunming +iP 45 50
 PP 47 23
 S 51 49
 Lhasa +P 46 39

27. IX Peking eP 13 12 38
 S 16 33
 Lanchow eP 12 53
 Paotow eP 13 01
 eS 17 11

25. IX Epc: South of Province Fukien.
 (福建南部)
 O: 02-38-(23), M: 4

27. IX Changchun +P 13 36 21
 Peking eP 36 40
 Sian +P 36 54
 Kunming eP 37 01

Zose eP 02 40 16
 eS 41 43
 Lanchow eP 42 23
 Peking eP 42 25

28. IX Epc: 30°N, 95°E
 O: 11-16-31, M: 4½

Lhasa eP 11 17 34
 S 18 24
 Kunming eP 18 37
 S 20 14
 Lanchow eP 18 55
 Paotow eP 20 21
 Peking eP 21 10

25. IX Changchun eP 10 26 00
 Peking -iP 26 42
 Paotow P 27 28
 Lanchow P 28 10

25. IX Zose eP 14 55 15
 eS 59 38
 Peking P 56 38
 Chengtu eP 57 12
 Lanchow P 57 23

29. IX Epc: 26°S, 63°W
 O: 15-17-46
 h: 570km, M: 5¾

Lhasa PKP 15 36 41
 PP 38 56
 Changchun PKP1 36 44
 PKP2 37 33
 pPKP1 38 56
 pPKP2 39 37
 PP 41 17
 epPP 43 18
 Paotow -PKP1 36 47
 PKP2 37 49
 pPKP1 39 02
 pPKP2 39 57
 PP 41 36
 Lanchow -PKP1 36 49
 PKP2 37 52
 pPKP1 39 05
 PP 41 38
 eSKKS 47 32
 Peking -PKP1 36 49
 ePKP2 37 56
 pPKP1 39 05
 PP 41 46
 Kunming -PKP1 36 50
 PKP2 38 00
 pPKP1 39 06
 PP 41 51

26. IX Nanking eP 12 57 24
 Peking eP 57 55
 Kunming eP 58 05

27. IX Epc: Sumatra Is.
 (苏门答腊)
 O: 12-56-19
 Kunming eP 13 02 45
 eS 07 56
 Lhasa P 03 12
 S 08 41
 Lanchow eP 03 46
 Peking eP 05 00

27. IX Epc: Bashi Channel.
 (巴士海峡)
 O: 13-07-50

Sian eP 13 12 11
 Kunming eP 12 17

29. IX	Chengtu	-PKP ₁	15	36	50
		PKP ₂		38	03
		ipPKP ₁		39	06
		PP		41	54
		pPP		43	57
	Sian	PKP ₁		38	52
		PKP ₂		38	12
		ipPKP ₁		39	08
		epPKP ₂		40	23
		PP		42	03
		pPP		44	12
	Zose	PKP ₁		36	53
		PKP ₂		38	31
		pPKP ₁		39	08
		PP		42	22
		pPP		44	28
		SKKS		48	13
	Nanking	ePKP ₁		36	53
		ePKP ₂		38	20
		pPKP ₁		39	08
		pPKP ₂		40	38
		ipp		42	23
		pPP		44	25
30. IX	Zose	eP	10	56	40
	Nanking	+P		56	57
	Changchun	eP		57	37
	Peking	P		57	48
	Sian	+P		57	54
	Kunming	+P		57	57
	Chengtu	+P		58	05
	Paotow	eP		58	16
	Lanchow	+iP		58	26

30. IX	Peking	eP	22	02	14
		S		06	11
	Lanchow	-P		02	29
		sP		02	43
		iS		06	39
	Paotow	eP		02	36
		sP		02	49
		S		06	51
	Changchun	+iP		02	48
		sP		03	05
		S		07	09

Given by
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L. T. Kuo

Division of Seismology,
Institute of Geophysics,
Academia, Sinica
Peking China. 1962 XII B.

30. IX Epo: 18°⁰¹N, 121°⁰³E
O: 21-57-20
h: 40km ca., M: 5 $\frac{1}{4}$

Canton	-iP	21	59	23
Zose	eP	22	00	25
	S		02	47
Nanking	+P		00	36
	esF		00	53
	eS		03	12
Kunming	-iP		01	36
	esP		01	52
	eS		04	57
Sian	-iP		01	45
	-isP		02	00
	iS		05	20
Chengtu	-iP		01	50
	iS		05	27

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

1 - 31, October 1962

1.X Changchun P 04 08 03
Sian eP 08 37
Kunming eP 08 43
Lanchow +P 08 58

1.X Canton +P 12 23 12
eS 30 38
Nanking +iP 23 29
eS 31 10
Zose +iP 23 45
eS 31 38
Changchun +iP 23 48
eS 31 41

1.X Epc: $48^{\circ}\frac{1}{2}N$, $151^{\circ}E$
O: 09-53-38, h: 140km

1.X Epc: $38^{\circ}N$, $102^{\circ}E$
O: 14-43-07, M: 4
Lanchow \bar{P} 14 43 53
 \bar{S} 44 22
Sian e(\bar{P}) 45 16
e(\bar{S}) 46 41
Paotow e(\bar{P}) 45 18
e(\bar{S}) 46 50

Changchun eP 09 57 41
ScS 10 09 09
Peking eP 09 59 01
pP 59 26
eS 10 03 24
Zose eP 09 59 18
eS 10 03 53
Sian P 00 10
Lanchow iP 00 31
PP 02 21
eS 06 02
Chengtuo eP 00 56
S 06 47
sS 07 44
Kunming -P 01 33
S 07 54
sS 08 53

2.X Epc: $30^{\circ}\frac{1}{2}N$, $103^{\circ}\frac{1}{2}E$
O: 22-36-56, M: $3\frac{1}{2}$
Chengtuo -i \bar{P} 22 37 03
i \bar{S} 37 09
Kunming eP_n 38 16
eS_n 39 20
Lanchow eP_n 38 26
e \bar{P} 38 47
e \bar{S} 39 58
Sian e \bar{S} 40 06
Lhasa eP 39 28

1.X Epc: $26^{\circ}\frac{1}{2}N$, $54^{\circ}\frac{1}{2}E$
O: 12-13-57, M: $5\frac{3}{4}$

3.X Changchun -P 20 17 25
Peking eP 18 33
Lanchow eP 20 12

Lhasa P 12 20 24
Lanchow +iP 21 51
S 28 09
Chengtuo P 21 55
eS 28 17
Kunming +iP 21 57
PP 23 38
S 28 19
Sian +iP 22 25
S 29 15
Paotow +iP 22 28
PP 24 19
S 29 19
Peking +iP 23 04
PP 25 06
eS 30 23
PS 30 27

5.X Epc: $35^{\circ}N$, $58^{\circ}\frac{1}{2}E$
O: 20-02-22, M: $4\frac{3}{4}$
Lhasa P 20 08 17
Lanchow +P 03 32
Kunming +P 09 53
PP 11 30
eS 15 56
Peking +P 10 43

5.X Changchun +iP 20 11 27

6.X Epc: 25°¹/₂N, 101°E
O: 01-38-54, M: 4¹/₂

Kunming +iP 01 39 26
-P 39 28
S 39 50
Chengtū ePn 40 32
P 40 43
iS 42 03
Lanchow eP 41 40

6.X Canton S 05 44 02
Peking eP 42 25
is 45 33

Changchun SS 45 53
P 42 37
sP 42 52
S 45 58
Sian +P 42 38
sP 42 56
S 46 01
Chengtū eP 43 09
sP 43 29
Kunming eP 43 25
Lanchow P 43 25
sP 43 41
S 47 26

6.X Epc: 17°¹/₂S, 169°E
O: 04-23-20
h: 80km.ca., M: 6¹/₄

Zose P 04 34 05
sP 34 27
S 42 51
Canton eBP 34 36
eS 43 04
Changchun P 34 46
sP 35 08
PP 37 29
S 44 07
Peking +P 35 00
isP 35 22
S 44 36
Sian eP 35 08
sP 35 30
S 44 51
Kunming eP 35 11
sP 35 31
S 44 56
Chengtū P 35 18
sP 35 40
is 45 09
Lanchow +P 35 35
sP 35 57
S 45 45
Lhasa eP 36 10

6.X Epc: After shock of 6/X 04^h 23^m
O: 07-56-19

Nanking eP 08 07 19
Changchun eP 07 44
Peking +P 07 59
eS 17 36
Sian P 08 07
Kunming eP 08 10
S 17 54
Chengtū eP 08 18
S 18 08
Lanchow P 08 34

6.X Epc: 18°S, 169°E
O: 08-03-33, M: 5¹/₂

Zose eP 08 14 19
eS 23 03
Canton eP 14 29
S 25 17
Nanking eP 14 33
S 23 53
Changchun eP 14 57
S 24 16
Peking -P 15 13
S 24 49
Kunming eP 15 23
S 25 07
Sian eP 15 25
eS 25 11
Chengtū P 15 31
S 25 20
Lanchow P 15 45
S 25 54

6.X Epc: 26°N, 128°E
O: 05-38-26
h: 50km ca., M: 5

Zose eP 05 40 18
S 41 47
Nanking eP 40 48
S 42 41

6.X Epc: $12^{\circ}\frac{1}{2}S$, $168^{\circ}E$
 O: 11-00-51, h: 190km

Zose	+P	11 10 56
	epP	11 41
Nanking	P	11 11
	S	19 34
Changchun	+P	11 35
	pP	12 19
	S	20 22
Peking	+iP	11 51
	epP	12 36
	eS	20 54
Sian	P	12 02
	pP	12 47
Kunming	+P	12 07
	S	21 22
Chengtu	P	12 13
	epP	12 59
	S	21 32
Lanchow	+iP	12 27
	pP	13 14
	S	22 01
Lhasa	P	13 07

6.X Epc: $17^{\circ}\frac{1}{2}S$, $169^{\circ}E$
 O: 23-31-24, M: $5\frac{1}{2}$

Zose	+P	23 42 10
	S	50 57
Nanking	+P	42 25
	S	51 24
Changchun	+P	42 51
	PP	45 42
	S	52 14
Peking	+iP	43 05
	eS	52 42
Sian	iP	43 13
	S	52 56
Kunming	+P	43 15
	eS	53 00
Chengtu	+P	43 23
	iS	53 14
Lanchow	+P	43 38
	S	53 47

6.X Epc: $23^{\circ}\frac{1}{2}N$, $122^{\circ}\frac{1}{2}E$
 O: 23-57-56, M: $4\frac{1}{2}$

Zose	eP	23 59 48
	S	00 01 14

6.X Nanking eP 00 00 07
 (S) 01 49
 Canton eS 01 53
 Peking eP 02 04
 Chengtu e(P) 02 06
 Kunming e(P) 02 14
 e(S) 06 02
 Lanchow P 02 36
 Changchun eP 02 39

8.X Epc: $24^{\circ}N$, $122^{\circ}E$
 O: 21-56-14, M: $6\frac{1}{4}$

Zose	-P	21 58 01
	(S)	59 18
Canton	eP	58 17
	iS	59 52
Nanking	eP	58 19
	iS	59 54
Sian	+iP	59 55
	S	22 03 07
Peking	+iP	00 15
	iS	03 24
Chengtu	P	00 17
	iS	03 46
Kunming	+iP	00 24
	iS	03 47
Lanchow	+iP	00 49
Changchun	+iP	00 52
	iS	04 40
Lhasa	P	02 13
	S	07 01

9.X Epc: $24^{\circ}N$, $122^{\circ}E$
 O: 03-40-51, M: $4\frac{1}{2}$

Canton	e(S)	03 44 51
Nanking	e(P)	43 24
	e(S)	44 58
Peking	eP	44 53
Chengtu	e(S)	48 40
Lanchow	eP	45 26

9.X Epc: After shock,
 (台湾余震)
 O: 08-42-(31), M: $4\frac{1}{2}$

Zose	e(S)	08 45 23
Peking	eP	46 25
	eS	49 29

~~9.X~~ Kunming e(S) 08 50 00
 Lanchow eP 46 53

~~9.X~~ Epc: $36^{\circ}\frac{1}{4}N$, $105^{\circ}\frac{3}{4}E$
 O: 13-22-25, M: 4

Lanchow -iP_n 13 22 53
 iP 22 55
 iS_n 23 13
 i(\bar{S}) 23 17
 Sian P_n 23 17
 iP 23 26
 S_n 23 59
 \bar{S} 24 07
 Chengtu \bar{P} 24 14
 S_n 24 58
 S* 25 20
 \bar{S} 25 25
 Peking eP_n 24 36
 i(\bar{P}) 25 11
 eS_n 26 15

~~9.X~~ Epc: Hindu Kush,
 (兴都库什)
 O: 15-59-(13)
 h: Intermediate shock.

Lhasa eP 16 03 16
 eS 06 28
 Lanchow P 04 35
 Peking P 05 53

~~9.X~~ Epc: $3^{\circ}S$, $150^{\circ}E$
 O: 20-14-32
 h: 70km ca., M: $5\frac{3}{4}$

Zose +P 20 22 34
 S 29 00
 Canton eP 22 38
 isP 23 04
 S 29 08
 Nanking +iP 22 51
 pP 23 07
 is 29 31
 Changchun P 23 38
 sP 24 06
 PP 25 33
 S 30 56
 Peking +P 23 47
 S 31 14
 sS 31 42

~~9.X~~ Kunming eP 20 25 50
 pP 24 06
 sP 24 17
 S 31 19

Sian P 23 51
 S 31 20
 Chengtu P 24 02
 pP 24 17
 sP 24 33
 is 31 40
 Lanchow +P 24 23
 pP 24 38
 S 32 18
 Lhasa eP 25 11
 S 33 50

~~11.X~~ Epc: $24^{\circ}\frac{1}{4}N$, $122^{\circ}\frac{1}{4}E$
 O: 16-02-30, M: $4\frac{3}{4}$

Zose P 16 04 13
 S 05 32
 Canton eS 06 04
 Nanking eP 04 34
 eS 06 07
 Sian eP 06 09
 eS 09 09
 Peking -P 06 29
 eS 09 38
 Chengtu eP 06 31
 eS 09 39
 Kunming eP 06 42
 eS 10 00
 Lanchow P 07 00
 P_{otow} +P 07 02
 eS 10 43
 Changchun P 07 03
 eS 10 43

~~12.X~~ Epc: Ryukyu Is.
 (琉球群岛)
 O: 09-08-(23), M: 4

Zose eP 09 10 14
 e(S) 11 39
 Nanking eP 10 46
 Peking eP 12 12
 Sian eP 12 39
 Lanchow eP 13 25

~~12.X~~ Epc: $23^{\circ}\frac{1}{4}N$, $122^{\circ}E$
 O: 21-38-22

~~12.X~~ Zose eP 21 40 18
 eS 41 47
 Nanking eP 40 36
 Peking eP 42 30
 Lanchow eP 43 03

13.X Epc: 36°N, 49°⁰¹/₂E
 O: 10-23-30, M: 5

Lanchow -iP 10 31 38
 S 38 08
 Chengtu -P 31 52
 S 38 32
 SS 41 48
 Kunming -P 32 01
 S 38 49
 SS 41 59
 Paotow -P 32 06
 S 39 01
 Sian -P 32 12
 S 39 11
 Peking P 32 42
 eS 40 04
 Canton eP 33 13
 eS 41 02
 Nanking -P 33 16
 eS 41 01
 Changchun -P 33 18
 Zose -P 33 32
 eS 41 35

13.X Epc: 12°S, 167°E
 O: 18-47-44
 h: 30km ca., M: 5¹/₂

Zose eP 18 58 00
 S 19 06 19
 Canton +P 18 58 11
 eS 19 06 41
 sS 06 56
 Nanking +iP 18 58 16
 Changchun +P 58 40
 Peking +iP 58 57
 S 19 08 10
 Kunming +P 18 59 12
 S 19 08 37
 sS 08 56
 Chengtu +iP 18 59 18
 eS 19 08 47
 sS 09 08
 Paotow +P 18 59 25

13.X Lanchow +iP 18 59 35
 eS 19 09 17
 sS 09 39

14.X Epc: 31°N, 132°⁰³/₄E
 O: 15-08-50
 h: 20km ca., M: 4³/₄

Zose +P 15 11 12
 S 13 03
 Nanking +iP 11 40
 Changchun P 12 07
 sP 12 18
 Peking +iP 12 33
 sP 12 43
 S 15 28
 Paotow +P 13 28
 Lanchow +P 14 07
 sP 14 16
 S 18 21
 Chengtu +iP 14 08
 sP 14 18
 eS 18 23
 Kunming eP 14 35
 eS 19 10

16.X Epc: 52°⁰¹/₂N, 176°W
 O: 18-02-37, M: 5¹/₂

Changchun +iP 18 10 02
 PP 11 35
 S 15 59
 Peking +iP 11 06
 PP 13 02
 S 17 53
 Zose +P 11 28
 PP 13 23
 eS 18 34
 Paotow +iP 11 32
 S 18 38
 Nanking +iP 11 32
 eS 18 41
 Sian +iP 12 07
 Lanchow +P 12 20
 eS 20 08
 Chengtu +iP 12 45
 PP 15 03
 eS 20 56
 Kunming +P 13 17
 S 22 01

17.X Epc: 33°N, 138°¹/₂E
 O: 12-39-07, h: 350km ca.

Changchun	-P	12 42 20
	S	44 55
Nanking	-iP	42 41
Peking	-iP	43 06
	sP	44 41
	eS	46 18
Sian	-iP	43 59
Lanchow	P	44 34

18.X Peking -iP 08 46 09
 eS 50 22
 Zose -iP 46 25
 eS 50 49
 eScS 57 09
 Nanking eP 46 32
 Paotow eP 46 15
 Sian -iP 47 19
 Lanchow -iP 47 42
 eS 53 09
 Chengtu -iP 48 06
 iS 53 48
 Kunming -iP 48 42
 eS 54 54

18.X Epc: 28°N, 97°¹/₂E
 O: 01-59-57, M: 4¹/₄

Kunming	ePn	02 01 30
	P	01 44
	Sn	02 44
	S	02 55
Chengtu	P	01 54
	Sn	02 48
	S	03 14
Lanchow	P	02 16
	eS	03 58
Peking	eP	04 26

18.X Epc: 46°N, 149°E
 O: 11-22-44, h: 120km ca.

Changchun	eP	11 26 35
	eS	29 37
	ScS	38 10
Peking	-P	27 55
	eS	32 06
Zose	-P	28 11
	eS	32 35
Nanking	eP	28 23
Paotow	P	28 32
Sian	-iP	29 07
Lanchow	-iP	29 28
	eS	34 53
Chengtu	-iP	29 52
	S	35 34
Kunming	-iP	30 28
	eS	36 40

18.X Epc: 10°¹/₂S, 117°¹/₂E
 O: 04-05-43

Kunming	+P	04 13 09
	eS	19 10
Zose	eP	13 36
Nanking	+P	13 44
Chengtu	+iP	13 46
	eS	20 11
Sian	+iP	14 05
Lanchow	+iP	14 28
	eS	21 25
Peking	+P	14 44
	PP	16 39
	eS	21 57
Paotow	eP	14 53
Changchun	P	15 17

19.X Epc: 30°¹/₂N, 97°¹/₂E
 O: 09-17-02, M: 4¹/₄

Chengtu	P	09 18 53
	S	20 13
Kunming	eP	19 29
	e(S)	20 58
Lanchow	P	19 58
Peking	eP	21 25
	e(S)	24 47
Changchun	eP	22 41

18.X Epc: 46°N, 149°E
 O: 08-10-56, h: 120km ca.

Changchun	P	08 44 50
	eS	47 53
	ScS	56 23

19.X Epc: 10°¹/₂N, 125°¹/₂E
 O: 10-14-44
 Canton P 10 48 49

~~19.X~~ Canton S 10 52 04
 Zose eP 49 32
 Nanking eP 49 48
 Kunming eP 50 22
 Sian eS 54 55
 Sian P 50 39
 Chengtu eS 55 19
 Chengtu +P 50 41
 Peking eS 55 25
 Lanchow P 51 02
 Paotow P 51 14
 Paotow eP 51 24
 Changchun eP 52 26
 eS 52 47

~~21.X~~ Lanchow P 15 24 20
 Sian P 24 44
 Sian P 24 39
 Sian S 25 17
 Chengtu S 26 45
 Peking eP 25 54

~~22.X~~ Epc: Bismarck Is.
 (俾斯麥群島)
 O: 04-34-(33)
 Kunming eP 04 43 35
 eS 50 48
 Peking P 43 37
 S 51 00
 Chengtu eP 43 51
 eS 51 18
 Lanchow eP 44 11

19.X Epc: Banda Sea.
 (班達海)
 O: 23-42-40, h: 130km ca.
 Kunming S 23 54 54
 Zose eP 49 36
 eS 55 07
 Nanking eP 49 48
 Chengtu iS 55 33
 iS 56 46
 SCS 24 00 03
 Sian eP 23 50 33
 iS 56 51
 Peking eP 50 53
 S 57 28
 SCS 24 00 26
 Lanchow eP 23 51 03
 iS 57 46
 SCS 24 00 33
 Changchun S 23 58 00
 Paotow S 58 04

22.X Epc: 50°N, 155°E
 O: 15-23-39, M: 5
 Changchun eP 15 28 23
 Peking eP 29 33
 eS 34 23
 Zose eP 30 00
 eS 36 08
 Nanking eP 30 06
 eS 35 20
 Paotow eP 30 06
 eS 35 23
 Sian P 30 50
 Lanchow eP 31 05
 Kunming eP 32 09
 eS 38 58

21.X Epc: 59°N, 151°W
 O: 02-05-16, M: 5
 Changchun +iP 02 14 14
 S 21 24
 Peking eP 16 06
 eS 23 02
 Lanchow P 16 04
 Chengtu eP 16 32

~~22.X~~ Epc: Japan.
 (日本)
 O: 22-16-18
 Zose eP 22 23 01
 eS 26 47
 Peking eP 23 20
 Lanchow eP 24 59
 Kunming eP 25 43

~~21.X~~ Epc: 56°N, 108°E
 O: 15-23-44, M: 4

~~25.X~~ Epc: 2°N, 126°E
 O: 08-24-17
 h: 65km, M: 5½

25.X	Canton	+iP	09 39 28
		sP	39 52
		S	43 39
Zose		eP	40 12
		sP	40 35
		S	45 00
Nanking		oP	40 25
		sP	40 48
Kunming		+P	40 41
		PP	41 54
		S	45 50
Chengtu		+iP	41 07
		PP	42 16
		S	46 33
Sian		eP	41 10
		S	46 40
Peking		+iP	41 36
		sP	41 59
		PP	43 34
		S	47 28
Lanchow		+iP	41 44
		sP	42 06
		S	47 40
		sS	48 14
Pactow		eP	41 54
		sP	42 17
		ePP	43 31
		S	47 59
Changchun		iP	41 55
		PP	43 32
		S	48 04

26.X	Kunming	eP _n	08 53 35
		P	53 39
		S _n	54 10
		S	54 23
Chengtu		eP _n	54 14
		P	54 20
		eS _n	54 48
		S	55 21
Lhasa		eP	54 49
Lanchow		eP	55 05

26.X	Lanchow	PKP	16 18 03
	Nanking	+iPKP	18 14
	Zose	PKP	18 15
	Pactow	PKP	18 18
	Peking	ePKP	18 26

27.X	Epc: 45° $\frac{1}{2}$ N,	101°E	
	O: 01-32-55,	M: 4 $\frac{1}{2}$	
	Pactow	eP _n	01 34 50
		P	35 21
		S	37 56
Lanchow		-P _n	35 13
		P	35 36
		S _n	36 55
Peking		eP	36 00
Changchun		eP	37 04
Lhasa		eP	37 09
		S	40 31

26.X	Epc: 16°S,	169°E	
	O: 07-20-26,	M: 5	
Zose		eP	07 31 10
		S	39 51
Nanking		eP	31 26
Changchun		eP	31 50
		eS	41 14
Peking		eP	32 05
		eS	41 36
Sian		eP	32 11
Kunming		eP	32 15
		S	42 00
Lanchow		P	32 38
		eS	42 45
Lhasa		eP	33 15

28.X	Epc: 15° $\frac{1}{4}$ N,	120° $\frac{1}{2}$ E	
	O: 12-06-08,	M: 4 $\frac{1}{2}$	
Zose		P	12 09 54
		S	12 56
Nanking		eP	10 11
		S	13 26
Kunming		-P	10 38
		eS	14 12
Chengtu		P	10 59
		eS	14 52
Sian		eP	11 03
		eS	15 00
Peking		eP	11 39
		eS	16 03
Lanchow		-iP	11 41
		eS	16 10

26.X	Epc: 26° $\frac{1}{2}$ N,	100°E	
	O: 08-52-35,	M: 4	

28.X	Chengtu	+P	15 07 14
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~~28.X~~ Sian eP 15 07 24
 Peking iP 07 51
 Lanchow P 07 53

~~29.X~~ Epc: $4^{\circ}2'N$, $82^{\circ}1'E$
 O: 07-17-40, M: 5

Lhasa +P 07 24 50
 PP 26 19
 Kunming P 26 45
 PP 27 31
 S 32 11
 Lanchow P 26 28
 PP 28 25
 eS 33 30
 Sian P 26 50
 Peking P 27 43
 eS 35 49
 Zose eP 27 50
 Changchun eP 28 34
 eS 37 29

29.X Chengtu P 16 26 29
 Lanchow P 26 39
 Kunming +P 26 35

~~29.X~~ Epc: ($32^{\circ}N$, $104^{\circ}E$)
 O: 19-22-06, M: $3\frac{1}{4}$

Chengtu eP 19 22 39
 S 23 01
 Lanchow ePn 23 12
 P 23 23
 IS 24 13

Given by
 S. P. Lee (Chief)
 L. T. Kuo
 S. E. Jiang

~~30.X~~ Peking eP 15 50 03
 Changchun eP 50 03
 Lanchow eP 50 32
 Kunming eP 50 33

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

31.X Peking PKP 11 51 41
 PP 53 57
 PKS 56 06
 Lanchow PP 54 40
 Sian PP 54 43
 Canton ePKP 52 02
 Kunming PKP 52 18

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

1 - 30, November 1962

~~1.XI~~

Zose	+P	09 18 24
Peking	eP	20 14
Sian	eP	20 44
Changchun	eP	20 49
Lanchow	P	21 28

~~1.XI~~

Kunming	-P	17 59 30
	pP	59 50
	PP	18 00 59
	iS	05 23
Sian	P	17 59 47
	S	18 05 51
Chengtuo	-P	17 59 50
	pP	18 00 10
	iS	05 58
Peking	-P	00 01
	eS	06 16
Changchun	P	00 12
	S	06 37
Lanchow	-iP	00 22
	pP	00 41
Paotow	iP	00 25
	S	07 01
Lhasa	-P	01 01
	pP	01 21
	S	08 07

~~2.XI~~

Epc: $\frac{1}{2}^{\circ}N$, $134^{\circ}E$
O: 15-33-13
h: 100km ca., M: $5\frac{1}{2}$

Canton	eP	15 39 15
	S	44 06
Zose	-P	39 38
	S	44 47
Nanking	eP	39 54
	iS	45 14
Kunming	eP	40 31
	-sP	41 09
	PP	42 01
	iS	46 22
Sian	eP	40 48
	S	46 54
Chengtuo	-P	40 50
	iS	46 58
Peking	-P	41 02
	PP	42 43
	S	47 16
Changchun	+P	41 13
	S	47 38
Lanchow	-P	41 23
	epP	41 42
Paotow	P	41 25
	S	48 00
Lhasa	-P	42 02
	pP	42 22
	S	49 08

~~2.XI~~

Epc: $33^{\circ}N$, $105^{\circ}\frac{1}{2}E$
O: 07-23-33, M: (4)

Lanchow	P _n	07 24 35
	iP	24 48
	iS	26 34
Sian	P	24 46
	S	25 36
Kunming	eS	27 24
Paotow	(S)	28 24

~~2.XI~~

Epc: $10^{\circ}\frac{1}{4}S$, $118^{\circ}E$
O: 14-46-39
h: 30km ca., M: $5\frac{1}{4}$

~~1.XI~~

Epc: $\frac{1}{2}^{\circ}N$, $134^{\circ}\frac{1}{2}E$
O: 17-52-10
h: 80km ca., M: $5\frac{1}{2}$

Canton	iP	17 58 13
	S	18 03 04
Zose	-iP	17 58 35
	PP	59 41
	eS	18 03 44
Nanking	-P	17 58 53
	PP	18 00 04
	iS	04 14

~~1.XI~~

Canton	eP	14 53 19
	PPP	54 42
	eS	58 36
Kunming	eP	54 00
	pP	54 11
	PP	55 43
	iS	59 52
Zose	eP	54 22
	eS	15 00 34
Nanking	eP	14 54 31
	S	15 00 49
Chengtuo	eP	14 54 35
	S	15 00 57

2.XI Sian eP 14 54 53
 S 15 01 31
 Lhasa eP 14 55 12
 S 15 02 02
 Lanchow eP 14 55 17
 S 15 02 13
 S eS 05 10
 Peking eP 14 55 31
 S 15 02 39
 Paotow eP 14 55 41
 eP 55 53
 S 15 02 56
 S eS 05 26
 Changchun eP 14 56 01
 S 15 03 33

2.XI Epc: $36^{\circ}\frac{3}{4}N$, $141^{\circ}\frac{3}{4}E$
 O: 15-00-14

Peking P 15 04 48
 S 08 29
 Paotow eP 05 40
 Lanchow -P 06 28
 Chengtu eP 06 42
 Kunming P 07 10
 Lhasa eP 08 14
 eS 14 34

3.XI Epc: $37^{\circ}N$, $96^{\circ}E$
 O: 15-01-41, M: 4

Lanchow Pn 15 03 16
 P 03 43
 iSn 04 30
 iS 05 03
 Lhasa o(Pn) 03 50
 e(P) 04 18
 Sian (P) 05 32

3.XI Epc: Changtu Region.
 (成都地区)
 O: 23-25-46, M: $4\frac{1}{2}$

Lhasa ePn 23 26 48
 P 26 58
 S 27 39
 Lanchow eP 28 11
 Peking eP 30 26

3.XI Epc: $44^{\circ}\frac{1}{2}S$, $75^{\circ}W$
 O: 22-53-32, M: $5\frac{3}{4}$

4.XI Canton ePKP1 23 13 30
 PKP2 14 10
 PP 17 43
 Zose PKP1 13 33
 PKP2 14 19
 PP 18 06
 Kunming ePKP1 13 33
 PKP2 14 20
 PP 18 02
 Nanking PKP1 13 37
 PKP2 14 30
 PP 18 16
 Chengtu PKP1 13 40
 PKP2 14 44
 PP 18 30
 Lanchow PKP1 13 41
 PKP2 15 07
 PP 18 57
 Peking PKP1 13 41
 PKP2 14 56
 PP 18 49
 Sian PKP1 13 43
 PKP2 14 58
 Paotow PKP1 13 44
 PP 19 13

6.XI Epc: $26^{\circ}\frac{1}{2}N$, $56^{\circ}E$
 O: 00-09-46, M: $5\frac{1}{4}$

Lhasa eP 00 16 06
 eS 21 07
 Lanchow +P 17 34
 Kunming eP 17 39
 S 23 59
 Paotow eP 18 11
 Peking P 18 47
 Nanking eP 19 13
 eS 26 45
 Zose eP 19 28
 eS 27 17

6.XI Epc: $38^{\circ}N$, $106^{\circ}\frac{1}{2}E$
 O: 05-00-39

Lanchow iP 05 01 30
 iS 02 04
 Paotow eP 01 54
 eS 02 42
 Sian S 02 58
 Peking eP 03 06

~~6.XI~~ Epc: $23^{\circ}\frac{3}{4}N$, $114^{\circ}\frac{1}{2}E$
 O: 09-14-32, M: $4\frac{1}{2}$

Ganton	+iP	09 14 58
	iS	15 15
Nanking	e(P)	17 18
Peking	eP	18 24
Sian	eS	19 21

~~6.XI~~ Epc: $38^{\circ}N$, $106^{\circ}\frac{1}{2}E$
 O: 12-50-20, M: 4

Lanchow	+iP	12 51 08
	S	51 41
Paotow	eP	51 31
	eS	52 17
Sian	P	51 36
	S	52 32
Peking	P	52 42
	S	54 22

~~6.XI~~ Epc: $9^{\circ}\frac{3}{4}N$, $122^{\circ}E$
 O: 20-48-35, M: $4\frac{1}{2}$

Zose	-iP	20 53 21
	S	57 12
Nanking	-P	53 33
	S	57 35
Kunming	-P	53 50
	eS	58 05
Chengtuo	-iP	54 14
	eS	58 46
Sian	eP	54 17
Peking	-P	54 49
	eS	59 47
Lanchow	-P	54 53
Lhasa	eP	55 30
	eS	21 01 04

~~7.XI~~ Epc: $42^{\circ}\frac{3}{4}N$, $105^{\circ}E$
 O: 12-43-03, M: $3\frac{3}{4}$

Paotow	eP	12 44 34
	S	45 31
Lanchow	eP _N	44 42
	P	45 16
	eS _N	45 50
	S	46 39
Peking	S	47 51

~~7.XI~~ Epc: $7^{\circ}\frac{3}{4}S$, $120^{\circ}\frac{1}{2}E$
 O: 16-03-07
 h: 170km ca., M: $5\frac{1}{4}$

Kunming	eP	16 10 03
	iP	10 05
	S	✓ 15 36
Zose	eP	✓ 10 19
	S	✓ 16 04
Nanking	eP	✓ 10 27
	iS	✓ 16 19
Chengtuo	iS	✓ 16 37
	ScS	✓ 20 20
Sian	P	✓ 10 53
	S	✓ 17 07
Lanchow	-P	✓ 11 18
	esP	✓ 12 16
	iS	✓ 17 52
Lhasa	P	✓ 11 22
	sP	✓ 12 14
	iS	✓ 17 53
Peking	eP	✓ 11 29
	iS	✓ 18 12
	ScS	✓ 21 01
Paotow	eP	✓ 11 41
	S	✓ 18 31
Changchun	P	✓ 11 58
	S	✓ 19 04
	ScS	✓ 21 29

~~7.XI~~ Epc: $20^{\circ}N$, $122^{\circ}E$
 O: 20-02-03, M: $4\frac{1}{4}$

Zose	eS	20 07 08
Sian	eP	06 23
	eS	09 50
Kunming	eP	06 31
	eS	10 00
Chengtuo	P	06 35
	S	10 12
Peking	eP	06 45
Lanchow	eP	07 08
	eS	11 09
Paotow	eP	07 12
	S	11 20
Changchun	P	07 19
	S	11 39

~~8.XI~~ Changchun eP 21 22 35
 Peking eP 23 42

8.XI Paotow +iP 21 24 10
 Lanchow +iP 26 01
 Lhasa eP 26 27

9.XI Epc: 32°¹/₂N, 48°E
 O: 01-10-57
 Lhasa +iP 01 18 15
 eS 24 05
 Lanchow +iP 19 26
 Kunming P 19 45
 PP 21 40
 Paotow P 19 54
 Sian +iP 20 00
 Peking +P 20 28

9.XI Epc: 35°¹/₂N, 141°E
 O: 09-21-19
 Changchun eP 09 24 50
 S 27 35
 Nanking eP 25 44
 Peking eP 25 55
 eS 29 34
 Paotow eP 26 44
 Lanchow +P 27 32
 Kunming eP 28 12
 Lhasa iP 29 19

10.XI Epc: 43°N, 147°E
 O: 01-33-19
 h: 35km ca., M: 5³/₄
 Changchun -iP 01 36 59
 sP 37 09
 S 39 53
 Peking P 38 24
 sP 38 37
 S 42 29
 Zose +P 38 33
 sP 38 47
 S 42 48
 sS 43 02
 Nanking eP 38 42
 +iP 38 45
 sP 38 55
 eS 43 04
 Paotow +P 39 06
 sP 39 19
 S 43 41
 sS 43 55

10.XI Lanchow +iP 01 40 00
 isP 40 13
 IS 45 19
 Kunming +P 40 56
 sP 41 10
 S 47 00
 Lhasa P 41 43
 sP 41 58
 iS 48 28
 ScS 51 31

11.XI Epc: 56°N, 113°E
 O: 11-31-41
 h: 30km, M: 5³/₄
 Changchun P 11 35 06
 Paotow eP 35 22
 sP 35 34
 Peking P 35 30
 Lanchow -iP 36 26
 isP 36 36
 S 40 15
 Sian -P 36 36
 Nanking -iP 36 59
 Zose -iP 37 10
 Chengtu eP 37 15
 Lhasa eP 37 59
 Kunming -P 38 06

11.XI Epc: 16°¹/₂N, 39°¹/₂E
 O: 15-15-20
 h: 15km ca., M: 5¹/₄
 Lhasa +iP 15 24 10
 Kunming eP 25 25
 eS 33 31
 Lanchow +iP 25 30
 eS 33 43
 Paotow eP 26 04
 eS 34 44
 Peking P 26 33
 eS 35 42
 Nanking eP 26 52
 sP 26 59
 S 36 20
 Zose eP 27 05
 sP 27 12
 S 36 40
 Changchun P 27 11
 esP 27 18
 S 36 54

11.XI Epc: 12°S, 166° $\frac{1}{2}$ E
 O: 16-09-59
 h: 25km, M: 6

Zose	eP	16 20 10
	sP	20 23
Nanking	eP	20 26
	sP	20 38
	S	28 57
Changchun	+iP	20 50
	sP	21 02
Peking	+P	21 07
	esP	21 19
	eS	30 12
Sian	+iP	21 16
	sP	21 27
Kunming	eP	21 22
	pP	21 32
	sP	21 35
Chengtu	+iP	21 28
	sP	21 38
	iS	30 56
Paotow	+P	21 32
	sP	21 45
	eS	31 00
Lanchow	+iP	21 44
	iS	31 27
Lhasa	+iP	22 24
	S	32 40

11.XI Chengtu Peking

PP	22 39 14
-PKP1	34 24
epPKP1	34 43
+PKP2	35 41
PP	39 31
Sian	-PKP1 34 26
	pPKP1 34 43
	PKP2 35 40
	pPKP2 35 59
Lanchow	-iPKP1 34 26
	+PKP2 35 53
	iPP 39 41
	iSKKS 46 42
Paotow	-PKP1 34 26
	epPKP1 34 43
	PKP2 36 01
	PP 39 53

12.XI Epc: 25°N, 129° $\frac{1}{2}$ E
 O: 12-48-55
 h: 40km ca., M: 5 $\frac{1}{4}$

Zose	P	12 51 08
	eS	52 53
Nanking	eP	51 38
	S	53 44
Peking	+P	53 10
	sP	53 26
	eS	56 33
Changchun	P	53 15
	eS	56 40
Sian	+iP	53 27
	S	57 08
Paotow	+iP	53 52
Chengtu	P	54 00
	eS	58 04
Lanchow	+iP	54 15
	eS	58 33
Kunming	+iP	54 16
	iS	58 36
Lhasa	P	55 36

11.XI Epc: Chile.
 (智利)
 O: 22-14-20
 h: 60km, M: 6

Zose	-PKP1	22 34 18
	pPKP1	34 35
	PKP2	35 04
Kunming	-PKP1	34 18
	pPKP1	34 35
	+PKP2	35 04
	pPKP2	35 20
	-PP	38 47
Nanking	PKP1	34 19
	PKP2	35 14
	ePP	38 55
Changchun	PKP1	34 18
	PP	39 00
Lhasa	PKP1	34 23
Chengtu	-PKP1	34 23
	pPKP1	34 41
	+PKP2	35 28
	epPKP2	35 45

12.XI Zose Peking Lanchow

eP	16 20 12
eP	20 53
eP	22 35

12.XI Epc: Aleutian Is.
 (阿留申群岛)
 O: 19-32-34

Peking	eP	19 40 55
Paotow	P	41 18

12.XI Lanchow P 19 42 12
 S 49 55
 Lhasa iP 43 35

14.XI Epc: Japan.
 (日本)
 O: 07-48-(04), M: $4\frac{3}{4}$
 Zose eP 07 52 01
 Nanking eP 52 30
 Peking eP 52 33
 Paotow eP 53 29
 Kunming eP 54 48
 Lhasa eP 55 55

14.XI Epc: $\frac{1}{2}$ °S, $123\frac{1}{2}$ °E
 O: 21-59-13
 h: 90km, M: $5\frac{1}{2}$

Canton +iP 22 04 35
 epP 04 53
 iS 08 53
 Zose eP 05 30
 Kunming eP 05 38
 pP 05 59
 S 10 45
 sS 11 19
 Nanking eP 05 40
 Chengtu eP 06 08
 pP 06 29
 sP 06 39
 Sian +iP 06 18
 pP 06 39
 Lanchow +P 06 47
 pP 07 05
 sP 07 18
 iS 12 52
 sS 13 25
 Peking eP 06 48
 eS 12 53
 Lhasa P 07 06
 S 13 24

15.XI Peking +iPKP 23 44 50
 Paotow iPKP 44 54
 Lanchow +iPKP 45 03
 Kunming ePKP 45 16

16.XI Epc: South-Eastern Pacific Plateau.
 O: 07-18-49 (東太平洋海丘)
 h: 140km ca., M: $6\frac{1}{4}$

16.XI Peking ePKP 07 38 09
 Paotow -PKP1 38 15
 PKP2 38 23
 sPKP 39 08
 PP 41 56
 Kurming PKP1 38 24
 PKP2 38 32
 sPKP 39 13
 PP 42 17
 Lanchow ePKP1 38 25
 PKP2 38 34
 Lhasa ePKP1 38 35
 ePKP2 38 41

16.XI Epc: $13\frac{1}{2}$ °N, 93 °E
 O: 21-10-01
 h: 40km, M: 6

Kunming +P 21 13 33
 sP 13 50
 S 16 19
 Lhasa +iP 13 48
 sP 14 05
 Canton eP 14 52
 sP 15 09
 S 18 47
 Lanchow +iP 15 23
 isP 15 39
 iS 19 43
 Sian +P 15 29
 sP 15 45
 S 19 58
 Nanking -iP 16 10
 sP 16 27
 Paotow +iP 16 18
 pP 16 29
 sP 16 32
 iS 21 21
 Zose -P 16 21
 iS 21 26
 Peking P 16 41
 pP 16 52
 sP 16 56
 S 22 01
 Changchun P 17 45
 sP 18 01
 S 23 53

17.XI Epc: $3\frac{1}{2}$ °N, 122 °E
 O: 14-21-35
 h: 620km, M: $4\frac{1}{4}$

17.XI

Canton	S	14 29 02
Zose	+P	26 39
	iS	30 42
	iScS	36 09
Kunming	iS	30 55
	iScS	36 13
Nanking	+P	26 48
	S	31 01
	iScS	36 15
Sian	P	27 25
	S	32 05
Lanchow	+iP	27 55
	iS	32 57
	ScS	36 54
Peking	P	27 55
	S	33 01
	iScS	36 58
Paotow	eP	28 10
	iS	33 26
Changchun	P	28 23
	eS	33 48
	iScS	37 19

19.XI

Peking	eP	07 28 47
	eS	31 50
Kunming	eP	29 08
	eS	32 36
Chengtū	eP	29 16
Paotow	eS	32 53
Changchun	eP	29 21
	S	33 00
Lanchow	eP	29 22
	eS	33 04

19.XI Epc: $30^{\circ}\frac{1}{4}N$, $100^{\circ}E$
O: 14-02-36, M: 4

Chengtū	eP	14 03 49
	S	04 37
Kunming	eP	04 24
	S	05 43
Lanchow	eP _n	04 10
	P	04 39
	S _n	05 24

18.XI Epc: $2^{\circ}N$, $123^{\circ}\frac{1}{2}E$
O: 06-43-31, M: 6

Canton	P	06 48 37
Zose	eP	49 26
Nanking	eP	49 36
Kunming	+P	49 42
Sian	-iP	50 19
Peking	eP	50 46
Lanchow	+P	50 49
	eS	56 39
Lhasa	P	51 13

20.XI Epc: Kamchatka
(苏联堪察加)
O: 07-32-(33), M: 5

Peking	eP	07 39 12
Paotow	eP	39 42
Lanchow	eP	40 31

21.XI Epc: Ryukyu Is.
(琉球群岛以东)
O: 15-03-56, M: $4\frac{1}{2}$

Peking	eP	15 08 17
Lanchow	eP	09 20
Kunming	eP	09 22

19.XI Epc: $24^{\circ}\frac{3}{4}N$, $122^{\circ}\frac{1}{3}E$
O: 04-15-34, M: $4\frac{1}{2}$

Zose	+P	04 17 16
Nanking	P	17 37
	eS	19 11
Lanchow	eP	20 08

23.XI Epc: Peru.
(秘鲁)
O: 00-30-04

19.XI Epc: $24^{\circ}\frac{3}{4}N$, $123^{\circ}\frac{1}{2}E$
O: 07-24-45, M: $4\frac{1}{2}$

Zose	eP	07 26 23
Nanking	eP	26 56
Sian	S	31 42

Lanchow	ePKP ₁	00 50 07
	PKP ₂	50 39
	PP	54 20
Nanking	ePP	54 27
Lhasa	PKP ₁	50 06
	ePKP ₂	50 49
	PP	54 29

23.XI Lhasa SKKS 01 01 20
 Chengtu ePKP1 00 50 08
 Kunming PP 54 48
 ePKP 50 12
 PP 55 13

24.XI Nanking -P 10 45 33
 Changchun -iP 45 49
 Peking -P 46 04
 Chengtu -iP 46 22

24.XI Changchun eP 15 57 18
 Peking eP 58 32
 Lanchow eP 59 47

24.XI Epc: Bismarck Is.
 (俾斯麥群島)
 O: 17-22-51
 Zose eP 17 30 55
 eS 37 16
 Nanking eS 37 52
 Chengtu eP 32 23
 eS 40 00
 Paotow eP 32 33
 eS 40 21
 Lanchow +P 32 44
 eS 40 40
 Lhasa eP 33 32

25.XI Epc: Philippine
 (菲律賓)
 O: 09-50-54, M: 4 1/2
 Nanking eP 09 56 20
 eS 10 00 38
 Kunming eP 09 56 53
 eS 10 01 42
 Chengtu eP 09 57 12
 eS 10 02 14
 Peking eP 09 57 33
 Lanchow eP 57 47
 Paotow eP 57 55
 Changchun eP 57 58
 Lhasa -iP 58 33

25.XI Epc: 25°N, 130°E
 O: 15-39-05, M: 4 1/4
 Peking P 15 43 28
 Lanchow P 44 32
 Kunming eS 48 55
 eP 44 33
 eS 48 55

25.XI Epc: 25°N, 129°E
 O: 15-55-41, M: 4 1/2
 Peking P 15 59 58
 eS 16 03 22
 Paotow eS 04 44
 Kunming eP 01 02
 eS 05 20
 Lanchow -P 01 03
 eS 05 21

26.XI Epc: 39°N, 77°E
 O: 05-29-27, M: 5
 Lhasa -iP 05 33 07
 S 36 00
 Lanchow +P 34 17
 S 38 13
 Chengtu -P 34 44
 is 38 59
 Paotow eP 34 56
 Sian -P 35 03
 Kunming eP 35 04
 eS 39 33
 Peking eP 35 37
 eS 40 34

26.XI Changchun eP 13 31 54
 Peking eP 33 20
 Lanchow +iP 35 01
 Kunming eP 35 54

26.XI Changchun -iP 16 11 28
 Peking -iP 11 44
 Sian eP 11 57
 Kunming -P 11 59
 Chengtu eP 12 05
 Lanchow -P 12 17

27.XI Epc: $25^{\circ}\frac{1}{4}N$, $123^{\circ}E$
 O: 06-52-56
 h: 170km, M: 6

Zose	-iP	06 54 33
Nanking	+iP	54 55
	iS	56 24
Canton	S	56 46
Sian	+iP	56 30
	S	59 22
Peking	+iP	56 38
	sP	57 26
	iS	59 37
Chengtu	+iP	56 57
	sP	57 51
	iS	07 00 09
Kunming	+iP	06 57 06
	iS	07 00 28
Changchun	+iP	06 57 08
	esP	57 58
	iS	07 00 32
Paotow	+iP	06 57 11
	sP	58 02
	S	07 00 41
Lanchow	+iP	06 57 19
	sP	58 12
	iS	07 00 51
Lhasa	+iP	06 58 45
	eS	07 03 20
	iScS	09 10

27.XI Lhasa eS 17 07 00

28.XI Epc: $12^{\circ}N$, $144^{\circ}E$
 O: 02-35-41, M: 5

Peking	P	02 42 56
Kunming	eP	43 31
	eS	49 47
Chengtu	eP	43 32
Lanchow	+P	43 48
	eS	50 17
Lhasa	eP	44 58
	eS	52 21

28.XI Epc: $10^{\circ}\frac{1}{4}N$, $93^{\circ}E$
 O: 15-26-05, M: $5\frac{1}{2}$
 h: Intermediate shock.

Kunming	-P	15 30 06
	S	33 20
Lhasa	iP	30 28
	S	34 00
Chengtu	eP	31 00
	S	34 59
Lanchow	+iP	31 45
	S	36 17
Peking	P	33 00

27.XI Epc: Philippine
 (菲律宾)
 O: 12-07-12, M: $4\frac{3}{4}$

Chengtu	P	12 12 03
	S	15 57
Sian	eP	12 04
	eS	15 57
Peking	eS	16 52
Lanchow	eP	12 41
	eS	17 04
Lhasa	eP	13 30

29.XI Epc: New Hebrides
 (新赫布里底)
 O: 19-06-(39)

Changchun	P	19 18 01
	eS	27 24
Peking	eP	18 19
	eS	27 55 53
Sian	P	18 28
Kunming	eP	18 31
	S	28 16
Chengtu	P	18 38
	S	28 30
Paotow	eP	18 42
Lanchow	+P	18 52
	S	29 01
Lhasa	+P	19 29

27.XI Epc: $12^{\circ}\frac{1}{2}N$, $144^{\circ}E$
 O: 16-50-21, M: 5

Peking	P	16 57 35
Paotow	eP	58 10
Kunming	eP	58 10
Chengtu	eP	58 11
Lanchow	-iP	58 27
Lhasa	-P	59 36

30.XI Epc: $24^{\circ}\frac{3}{4}N$, $94^{\circ}\frac{1}{2}E$
 O: 16-02-03, M: 4

Lhasa -P 16 03 35

30.XI Lhasa eS 16 04 42
 Kunming +iP 03 55
 S 05 21
 Lanchow eP 05 21

30.XI Epc: 3°N, 138°E
 O: 16-53-23
 h: Intermediate shock.

Sian eP 17 00 18
 Peking -P 00 40
 eS 06 30
 Lanchow -iP 00 50
 Paotow eP 01 00
 Lhasa -P 01 23
 S 07 48

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

1 - 31, December 1962

~~11 APR 1963~~

1.XII Epc: $53^{\circ}\frac{1}{2}N$, $169^{\circ}W$
O: 01-50-18
h: 60km ca., M: $5\frac{1}{4}$

Changchun	P	01 58 13
Peking	eP	59 15
	S	02 06 23
Zose	+P	01 59 38
	pP	59 54
	S	02 07 06
Paotow	eP	01 59 39
	S	02 07 11
Nanking	eP	01 59 42
	S	02 07 18
Sian	+P	00 14
	eS	08 15
Lanchow	eP	00 25
Canton	S	09 24
Chengtuo	eP	00 51
Kunming	+P	01 23
	pP	01 39
	S	10 26
Lhasa	eP	01 44

2.XII Epc: $39^{\circ}\frac{1}{2}N$, $93^{\circ}\frac{1}{2}E$
O: 14-38-57, M: $4\frac{1}{4}$

Lanchow	eP _n	14 41 06
	P	41 41
	S _n	42 45
Lhasa	eP _n	41 26
Peking	P	43 05

4.XII Epc: Yellow Sea,
(黄海)
O: 08-16-04, M: 4

Zose	-P _n	08 17 18
	eP	17 34
	S	18 31
Nanking	e(P _n)	17 36
	eP	17 41
	(S _n)	18 29
	S	18 43
Peking	eP	18 01
Changchun	S	20 47
Lanchow	eP	20 00

1.XII Nanking eP 04 29 38
Changchun P 29 53
Peking eP 30 07

4.XII Epc: South off Samoa Is.
(薩摩阿群島以南)
O: 16-39-55, M: $5\frac{3}{4}$

2.XII Epc: $10^{\circ}\frac{1}{4}S$, $160^{\circ}E$
O: 05-30-51

Zose	+P	05 40 22
	eS	48 04
Nanking	+P	40 38
Changchun	+iP	41 11
Peking	eP	41 24
Sian	+P	41 33
Kunming	+P	41 36
	eS	50 20
Chengtuo	+P	41 44
Paotow	eP	41 51
	eS	50 50
Lanchow	+P	42 02
	eS	51 10
Lhasa	+P	42 45
	eS	52 31

Zose	eS	17 02 18
Nanking	eP	16 52 22
	S	17 02 46
Changchun	+P	16 52 27
	eS	17 02 52
Canton	eP	16 52 30
	eS	17 02 56
Peking	+P	16 52 49
	eSKS	17 03 19
	S	03 34
Sian	eP	16 53 05
	eSKS	17 03 45
	eS	04 09
Paotow	eP	16 53 11
	eSKS	17 03 43
	S	04 21
Chengtuo	eP	16 53 24
	SKS	17 03 53

4.XII Chengtu S 17 04 32
 Kunming eP 16 53 16
 SKS 17 03 55
 S 04 30
 Lanchow SKS 04 04
 eS 04 54

5.XII Epc: $33^{\circ}\frac{1}{2}N$, $98^{\circ}E$
 O: 00-19-34, M: $4\frac{1}{2}$
 Chengtu P 00 21 28
 S 22 42
 Lhasa P_n 21 16
 P 21 40
 S_n 22 33
 S 23 02
 Kunming eP 22 04
 eS 24 00

7.XII Epc: $38^{\circ}N$, $106^{\circ}\frac{1}{4}E$
 O: 09-35-58, M: 5
 Lanchow -P_n 09 36 46
 -iP 36 49
 iS_n 37 22
 S 37 26
 Paotow P_n 36 59
 +P 37 14
 S_n 37 45
 S 38 03
 Sian P_n 37 07
 P 37 23
 eS_n 38 03
 S 38 23
 Chengtu P 38 24
 S 39 56
 Peking eP_n 37 57
 iP 38 26
 S 40 04
 Nanking eP 38 49
 eS 41 02
 Kunming eP 39 08
 eS 41 32
 Zose eP 39 18
 Changechun P 39 39

7.XII Epc: $29^{\circ}\frac{1}{2}N$, $139^{\circ}\frac{1}{2}E$
 O: 14-03-38
 h: 410km, M: $6\frac{1}{2}$

7.XII Zose -iP 14 06 59
 IS 09 38
 Nanking -iP 07 20
 IS 10 22
 Chengchun -iP 07 27
 -IS 10 32
 Peking iP 07 59
 isP 09 57
 IS 11 30
 Canton -iP 08 20
 sP 10 21
 S 12 07
 Sian eP 08 38
 Paotow -iP 08 41
 pP 09 57
 sP 10 42
 S 12 44
 Chengtu -iP 09 16
 pP 10 35
 IS 13 46
 Lanchow -P 09 17
 Kunming -P 09 35
 IS 14 17

7.XII Epc: Philippine Is.
 (菲律賓群島)
 O: 23-55-(03), M: $4\frac{1}{2}$
 Zose -P 23 58 53
 Nanking eP 59 05
 Kunming eP 59 31
 eS 24 03 04
 Chengtu eP 23 59 51
 IS 24 03 44
 Sian -P 23 59 53
 S 24 03 49
 Lanchow P 00 29
 S 04 51
 Lhasa eP 01 13
 eS 06 08

8.XII Epc: Tonga Is.
 (湯加群島)
 O: 18-18-26
 h: 50km, M: $5\frac{3}{4}$
 Zose eP 18 30 26
 pP 30 40
 sP 30 48
 eS 40 15

8.XII	Zose	sS	18	40	40
	Nanking	eP		30	39
		pP		30	53
		sP		31	01
		eS		40	45
		sS		41	10
	Changchun	+iP		30	42
		pP		30	55
		sP		31	03
		S		40	52
		sS		41	14
	Canton	eP		30	44
		pP		30	59
		sP		31	07
	Peking	+iP		31	06
		pP		31	19
		sP		31	26
		SKS		41	27
		S		41	36
		sS		42	01
	Sian	+P		31	22
		pP		31	37
		esP		31	45
	Paotow	eP		31	30
		pP		31	43
		sP		31	52
		S		42	23
		sS		42	48
	Kunming	eP		31	33
		pP		31	49
	Chengtu	+P		31	35
		pP		31	50
		SKS		42	03
		S		42	34
		sS		43	01
	Lanchow	eP		31	43

8.XII	Paotow	pPKP1	21	48	38
		pPKP2		49	32
		PP		51	01
		pPP		53	07
	Lanchow	-PKP1		46	19
		PKP2		47	22
		pPKP2		49	34
		PP		51	09
	Peking	-PKP1		46	19
		PKP2		47	23
		pPKP2		49	37
		PP		51	10
	Kunming	-PKP1		46	21
		PKP2		47	30
		pPKP2		49	39
		PP		51	20
		pPP		53	26
	Chengtu	-iPKP1		46	21
		PKP2		47	33
		PP		51	23
	Sian	PKP1		46	23
		PKP2		47	38
		pPKP2		49	44
		PP		51	24
		pPP		53	35
	Nanking	-PKP1		46	24
		PKP2		47	57
		pPKP1		48	40
		pPKP2		50	07
		PP		51	48
		pPP		53	54
	Zose	PKP1		46	24
		PKP2		47	59
		pPKP2		50	08
		PP		51	54
		pPP		53	56
	Canton	-PKP1		46	25
		PKP2		48	07
		pPKP1		48	43
		PP		51	59

8.XII Epc: North Argentina.
 (阿根廷北部)
 O: 21-27-21
 h: 570km ca., M: 6½

Σ	Lhasa	PKP	21	46	11
		PP		50	25
	Changchun	-PKP1		46	13
		PKP2		46	59
		pPKP1		48	30
		pPKP2		49	09
		PP		50	51
		pPP		52	47
	Paotow	-PKP1		46	18
		PKP2		47	16

8.XII Epc: Aleutian Trench.
 (阿留申海沟)
 O: 22-54-58, M: 5½

Changchun	-iP	23	02	26
	S		08	22
Peking	eP		03	30
	S		10	22
Zose	-P		03	50
	S		10	55

8.XII Nanking -P 23 03 55
 eS 11 07
 Paotow -P 03 58
 S 11 12
 Sian -P 04 32
 eS 12 13
 Lanchow -P 04 45
 S 12 38
 Canton -iP 05 06
 eS 13 16
 Chengtu P 05 10
 eS 13 23
 Kunming P 05 41
 S 14 24
 Lhasa P 06 08
 S 15 13

9.XII Epc: $39^{\circ}\frac{1}{2}N$, $141^{\circ}\frac{3}{4}E$
 O: 21-16-51, M: $4\frac{1}{4}$
 Changchun eP 21 19 56
 Zose eP 21 14
 Peking eP 21 23
 eS 24 59
 Nanking eP 21 26
 S 25 06
 Lanchow eP 23 01
 Lhasa eP 24 54

10.XII Lhasa -iP 05 06 50
 Kunming -P 07 03
 Chengtu -iP 07 32
 Canton -iP 07 35
 Lanchow -P 07 58
 Sian -iP 08 05
 Nanking -P 08 28
 Zose -P 08 33
 Paotow -P 08 34
 Peking -P 08 49
 Changchun -P 09 24

11.XII Epc: $34^{\circ}\frac{1}{2}N$, $105^{\circ}\frac{1}{4}E$
 O: 04-12-51, M: $4\frac{1}{2}$
 Lanchow +iP_n 04 13 25
 P 13 26
 S_n 13 48
 iS 13 49
 Sian P 13 51
 iS 14 31

11.XII Chengtu P 04 14 10
 iS 15 02
 Kunming eP 15 13
 S 16 58

12.XII Epc: ($33^{\circ}\frac{3}{4}N$, $137^{\circ}\frac{1}{4}E$)
 O: 00-02-54, M: $4\frac{1}{2}$
 h: Intermediate Shock.
 Changchun P 00 05 59
 S 08 25
 Nanking P 06 10
 Peking eP 06 38
 iS 09 40
 Paotow eP 07 24
 S 10 59
 Sian -P 07 28
 Lanchow -iP 08 05
 Chengtu eP 08 10

12.XII Epc: $4^{\circ}\frac{1}{2}S$, $155^{\circ}\frac{1}{4}E$
 O: 10-08-47
 h: 90km, M: $5\frac{3}{4}$
 Zose +P₁ 10 17 16
 iP₂ 17 20
 pP 17 37
 sP 17 52
 S₁ 24 02
 iS₂ 24 07
 sS 24 39
 Canton P₁ 17 25
 iP₂ 17 29
 pP 17 46
 sP 17 59
 S₁ 24 20
 S₂ 24 24
 Nanking +P₁ 17 34
 P₂ 17 37
 iP₂ 17 55
 iS₂ 18 09
 eS₁ 24 35
 iS₂ 24 40
 Changchun +P₁ 18 11
 P₂ 18 15
 pP 18 33
 sP 18 48
 S₂ 25 48
 sS 26 21
 Peking P₁ 18 23
 P₂ 18 27

12.XII Peking ✓

pP	10 18 45
sP	19 00
S1	26 07
S2	26 10
Sian +iP1	18 31
iP2	18 35
ipP	18 53
iS2	26 25
Kunming +iP1	18 35
P2	18 38
pP	18 56
eS1	26 30
iS2	26 33
Chengtu iP1	18 43
iP2	18 47
pP	19 05
S1	26 42
iS2	26 46
Paotow eP1	18 51
P2	18 54
pP	19 12
eS1	26 59
S2	27 03
Lanchow P1	19 02
P2	19 05
pP	19 25
eS1	27 21
S2	27 25
Lhasa +iP	19 50
S	28 51

12.XII Epc: 4°N, 97°E
O: 22-56-32, M: 5

Kunming +P	23 01 27
eS	05 28
Lhasa +P	02 05
Chengtu eP	02 15
eS	06 52
Sian P	02 59
Lanchow +iP	03 02
Nanking eP	03 21
eS	08 48
Zose eP	03 28
Paotow eP	03 54
eS	09 45
Peking +iP	04 07

~~13.XII~~ Kunming P 00 29 27
Lhasa P 29 56
Lanchow P 31 06

~~13.XII~~ Epc: 24°N, 99°E
O: 10-45-17, M: 4

Kunming ePn	10 46 13
P	46 21
Sn	46 56
S	47 03
Chengtu e(P)	47 35
iS	49 08
Lanchow eP	48 15

~~13.XII~~ Kunming eP 23 24 50
Chengtu P 24 57
Peking eP 25 05
Lanchow +P 25 30

~~14.XII~~ Epc: Taiwan.
(台湾)
O: 07-37-(40), M: 4

Zose eP	07 39 33
Lanchow eP	42 24

14.XII Epc: 50°N, 91°E
O: 16-52-52, M: 4 3/4

Paotow eP	16 56 46
Lanchow eP	56 46
Peking iP	57 28
Lhasa P	57 30
Sian eP	57 32
Chengtu eP	57 44
Kunming eP	58 29

17.XII Epc: (2°N, 123°E)
O: 11-00-19
h: Deep focus, M: 6

Canton +P	11 04 50
Zose +iP	05 44
S	10 04
Nanking +iP	05 54
iS	10 23
Kunming +iP	05 55
iS	10 27
Chengtu +iP	06 23
iS	11 15
Sian +iP	06 33
Peking +iP	07 02
S	12 25

17.XII Lanchow +iP 11 07 03
 S 12 25
 ScS 16 25
 Paotow +iP 07 16
 Lhasa +iP 07 26
 iS 13 07
 iScS 16 41
 Changchun +iP 07 27

17.XII Epc: 38°N, 106° $\frac{1}{2}$ E
 O: 17-25-39, M: 5

Lanchow -iP_n 17 26 24
 +iP 26 27
 iS_n 26 58
 S 27 03
 Paotow eP_n 26 38
 +iP 26 52
 Sian +iP_n 26 46
 P 27 03
 eS_n 27 40
 S 27 58
 Chengtu eP 27 31
 eS 28 57
 Peking iP 28 04
 S 29 40
 Nanking eP 28 28
 Kunming eP 28 46
 Zose eP 29 00
 Lhasa eP 29 11
 Changchun eP 29 17
 Canton eS 32 32

18.XII Zose eP 02 59 15
 Lanchow +iP 03 01 30
 Lhasa eP 02 54

18.XII Epc: 27° $\frac{3}{4}$ S, 176° $\frac{1}{4}$ W
 O: 10-33-54
 h: 220km, M: 5 $\frac{1}{2}$

Zose eP 10 45 59
 Nanking +P 46 11
 epP 47 04
 Changchun +iP 46 27
 pP 47 20
 S 56 56
 Peking P 46 41
 SKS 56 52
 S 57 24
 Kunming eP 46 50

18.XII Kunming epP 10 47 42
 Chengtu +P 46 57
 pP 47 53

19.XII Epc: 5°S, 155°E
 O: 12-56-20
 h: 170km ca., M: 5

Zose eP 13 04 47
 pP 05 26
 S 11 32
 Canton eP 04 55
 eS 11 48
 Nanking +P 05 04
 pP 05 43
 S 12 06
 Changchun eP 05 41
 eS 13 11
 Peking eP 05 53
 eS 13 36
 Sian +P 06 01
 S 13 49
 Kunming eP 06 06
 Chengtu P 06 14
 Paotow eP 06 21
 epP 07 01
 Lanchow +P 06 33
 pP 07 14
 S 14 51
 Lhasa +P 07 20
 S 16 18

21.XII Epc: Java
 (爪哇)
 O: 00-44-19
 h: 45km ca., M: 6

Canton eP 00 50 42
 sP 51 03
 iS 55 51
 Kunming -P 51 13
 sP 51 32
 iS 56 47
 Chengtu eP 51 53
 sP 52 13
 iS 58 00
 sS 58 20
 Zose -P 51 56
 sP 52 17
 S 58 04
 Nanking -iP 52 04
 sP 52 22

21.XII Nanking is 00 58 17
 Lhasa P 52 22
 sP 52 42
 is 58 49
 sS 59 09
 Lanchow -P 52 37
 sP 52 56
 S 59 18
 Peking P 53 03
 sP 53 21
 is 01 00 04
 Paotow eP 00 53 06
 sP 53 25
 S 01 00 12
 Changchun eP 00 53 38
 sP 53 57
 S 01 01 08

21.XII Nanking sP 08 52 27
 S 09 00 09
 Sian +iP 08 52 45
 Lanchow +iP 53 00
 sP 53 10
 S 09 01 32
 Canton +P 08 53 26
 sP 53 36
 Chengtu +iP 53 26
 is 09 02 20
 Kunming +iP 08 53 58
 is 09 03 08
 Lhasa +P 08 54 18
 sP 54 28
 S 09 03 59

21.XII Epc: East of Aleutian Is.
 (阿留申群岛东部)
 O: 06-27-44, M: 5 $\frac{1}{2}$

Changchun +P 06 35 49
 Peking P 36 51
 Zose +P 37 13
 eS 44 52
 Paotow +P 37 15
 Nanking eP 37 17
 eS 45 02
 Lanchow +P 38 00
 Chengtu +P 38 26
 eS 47 09
 Canton +P 38 27
 eS 47 10
 Kunming +iP 38 57
 is 48 07

21.XII Epc: 52°N, 167°W
 O: 09-00-38, M: 6 $\frac{1}{2}$

Changchun +P 09 08 43
 Peking +P 09 45
 Zose +iP 10 07
 Nanking +P 10 12
 Sian +P 10 43
 Lanchow +iP 10 54
 Chengtu +iP 11 20
 Canton +P 11 21
 Kunming +iP 11 52
 S 21 03
 Lhasa +P 12 12

21.XII Epc: Aleutian Trench.
 (阿留申海沟)
 O: 08-42-(31)
 h: 25km ca., M: 6 $\frac{1}{4}$

Changchun +iP 08 50 49
 sP 50 59
 Peking +iP 51 50
 sP 52 00
 S 59 19
 Zose +iP 52 12
 sP 52 22
 S 59 58
 Nanking eP 52 17

21.XII Epc: 51°N, 166°W
 O: 09-09-57, M: (6 $\frac{3}{4}$)

Changchun +iP 09 18 04
 Peking P 19 07
 Zose +P 19 28
 Nanking eP 19 34
 Sian P 20 03
 Lanchow P 20 15
 Chengtu P 20 41
 Canton +iP 20 42
 Kunming +P 21 13
 S 30 27
 Lhasa +P 21 32
 S 31 01

21.XII Peking P 09 37 45
 Zose eP 37 49
 Nanking eP 38 00

21.XII Changchun +P 09 38 20
 Canton P 38 58
 Sian eP 39 00
 Lanchow P 39 26
 Chengtu eP 39 46
 Kunming -iP 40 23
 Lhasa P 41(15)

21.XII Epc: Philippine.
 (菲律賓)
 O: 18-20-(30), M: 4 $\frac{1}{2}$

Zose eS 18 27 43
 Nanking S 28 08
 Sian P 25 34
 Chengtu eS 29 40
 Chengtu eP 25 38
 S 29 46
 Peking eP 26 04
 Lanchow P 26 15

21.XII Peking ePKP 21 47 14
 Zose ePKP 47 19
 Lanchow PKP 47 25
 ePP 50 42
 Sian +PKP 47 27
 Lhasa ePKP 47 38
 Chengtu ePKP 47 44

22.XII Epc: 22°S, 171°E
 O: 00-52-20
 h: 50km ca., M: 6 $\frac{1}{4}$

Zose +P 01 03 38
 S 12 53
 Canton +iP 03 43
 iS 13 01
 Nanking +iP 03 52
 S 13 19
 Changchun +iP 04 17
 pP 04 31
 S 14 08
 Peking +iP 04 31
 iS 14 34
 Kunming +iP 04 37
 iS 14 46
 Sian +P 04 38
 S 14 48
 Chengtu +iP 04 45
 sP 05 04

22.XII Chengtu S 01 15 01
 Lanchow P 05 00
 pP 05 15
 sP 05 21
 SKS 15 23
 S 15 33
 Lhasa +P 05 32

22.XII Zose eP 01 40 03
 Changchun +iP 40 41
 Peking eP 40 55
 Kunming eP 41 01
 Chengtu eP 41 10
 Sian +iP 41 15
 Lanchow P 41 25
 Lhasa P 41 27

22.XII Epc: Java.
 (爪哇)
 O: 01-59-50
 h: 55km ca., M: 5 $\frac{1}{2}$

Canton S 02 11 23
 Kunming eP 06 45
 sP 07 07
 iS 12 18
 Chengtu eP 07 25
 iS 13 29
 Zose -P 07 30
 sP 07 49
 eS 13 39
 Nanking -iP 07 34
 S 13 47
 Sian P 07 49
 sP 08 11
 S 14 14
 Lhasa -iP 07 54
 iS 14 20
 Lanchow P 02 08 09
 sP 08 32
 S 14 49
 Peking P 08 34
 eS 15 34
 Changchun -P 09 10
 S 16 40

22.XII Kunming -P 09 31 16
 Chengtu eP 31 43
 Sian eP 31 48
 Peking P 32 14

23 14

~~22.XII~~ Lanchow eP 09 32 21
~~20 30~~ Changchun eP 32 38
~~21 30~~ Lhasa P 32 47

~~23.XII~~ Lanchow P 08 24 38
~~24 30~~ Lhasa eS 29 07
~~25 30~~ Lhasa eP 25 24

22.XII Epc: Aleutian Trench.
 (阿留申海沟)

~~23.XII~~ Epc: $14^{\circ}\frac{1}{2}N$, $122^{\circ}\frac{3}{4}E$
 O: 10-21-45, M: $4\frac{1}{2}$

O: 15-20-23
 h: 25km ca., M: $6\frac{1}{4}$

Kunming P 10 26 31
 eS 30 21
 Sian eP 26 49
 S 30 54
 Chengtu eP 26 50
 eS 30 56
 Peking eP 27 15
 Lanchow P 27 28

Changchun +iP 15 28 29
 Peking +P 29 30
 iS 36 50
 sS 37 02
 Zose +iP 29 53
 S 37 31
 sS 37 44
 Paotow +iP 29 54
 S 37 33
 Nanking +iP 29 58
 iS 37 40
 sS 37 54
 Sian +iP 30 29
 S 38 39
 sS 38 52
 Lanchow +iP 30 41
 S 39 05
 Chengtu +iP 31 06
 S 39 46
 sS 40 00
 Canton +iP 31 06
 S 39 48
 sS 40 01
 Kunming +iP 31 37
 iS 40 47
 sS 41 00
 Lhasa +iP 31 58
 S 41 25
 sS 41 39

~~23.XII~~ Peking eP 10 57 13
 Zose eP 57 36
 Lhasa eP 59 42

~~25.XII~~ Zose ePKP 12 29 19
 Nanking ePKP 29 27
 Peking PKP 29 35
 Paotow ePKP 30 02

26.XII Epc: $54^{\circ}N$, $168^{\circ}\frac{1}{3}E$
 O: 22-25-12, M: $6\frac{1}{2}$

Changchun +iP 22 31 21
 S 36 16
 Peking +iP 32 28
 iPP 33 55
 PPP 34 19
 iS 38 16
 SS 40 51
 iScS 42 40
 Paotow +iP 32 56
 iScS 43 02
 Zose +iP 32 56
 iS 39 08
 Nanking +iP 33 01
 S 39 14
 iScS 43 03
 Sian +iP 33 35
 Lanchow +iP 33 50
 PP 35 42
 iS 40 44
 iScS 43 42
 Chengtu +iP 34 18
 iS 41 35

~~23.XII~~ Epc: $14^{\circ}\frac{1}{2}N$, $120^{\circ}\frac{1}{2}E$
 O: 08-19-04

Zose eP 08 22 51
 Nanking eP 23 08
 eS 26 23
 Kunming eP 23 35
 eS 27 11
 Chengtu eP 23 57
 eS 27 53
 Sian P 24 00
 S 27 54
 Peking P 24 33

26.XII Chengtu ScS 22 44 06
 Canton +iP 34 20
 iS 41 39
 iScS 44 10
 Kunming +iP 34 54
 iS 42 41
 ScS 44 33
 Lhasa +iP 35 19
 iS 43 29
 ScS 45 06

26.XII Epc: 22°⁰¹N, 63°⁰¹E
 O: 23-24-51
 Lhasa -iP 23 30 29
 iS 35 00
 Kunming +iP 32 01
 Lanchow -P 32 11
 Sian -iP 32 44
 Paotow P 32 58
 Peking P 33 36
 Nanking eP 33 51
 Zose eP 34 06
 Changchun eP 34 28

26.XII Epc: 53°³²N, 169°E
 O: 23-46-10, M: 5½
 Changchun P 23 52 19
 S 57 15
 Peking P 53 27
 S 59 16
 Zose +P 53 55
 Paotow +iP 53 55
 Nanking +iP 54 00
 Sian +P 54 35
 Lanchow +iP 54 49
 iS 24 01 43
 Chengtu eP 23 55 17
 Canton +P 55 19
 Kunming +iP 55 53
 S 24 03 41
 Lhasa +iP 23 56 19
 eS 24 04 29

27.XII Epc: New Guinea.
 (新几内亚)
 O: 14-01-34
 Canton eP 14 09 51
 eS 16 28
 Zose eP 09 57
 Kunming eP 11 04

27.XII Changchun eP 14 11 07
 Sian eP 11 10
 Peking +iP 11 11
 Chengtu eP 11 17
 Paotow eP 11 37
 Lanchow +P 11 42
 Lhasa eP 12 24

27.XII Epc: 39°⁰¹N, 143°E
 O: 18-18-38
 h: 70km, M: 5¼

Changchun P 18 21 49
 Zose eP 23 00
 pP 23 18
 Peking +iP 23 08
 ipP 23 28
 iS 26 45
 Nanking eP 23 15
 pP 23 31
 Paotow +P 23 55
 pP 24 13
 Sian +iP 24 19
 pP 24 36
 Canton +iP 24 43
 ipP 25 00
 iS 29 35
 Lanchow P 24 47
 Chengtu +P 25 05
 Kunming +iP 25 40
 pP 25 57
 Lhasa +iP 26 38
 epP 26 55

29.XII Epc: 3°N, 127°⁰¹E
 O: 04-12-13
 h: 50km ca., M: 5¾

Canton -iP 04 17 29
 S 21 47
 Zose -iP 18 12
 eS 22 59
 Nanking -iP 18 25
 Kunming -iP 18 43
 eS 23 56
 Chengtu -iP 19 06
 Sian P 19 11
 eS 24 48
 Peking P 19 35
 eS 25 29
 ScS 29 40

29.XII Lanchow -iP 04 19 44
 S 25 44
 Changchun P 19 53
 Paotow -P 19 54
 Lhasa -iP 20 16
 eS 26 41
 ScS 30 07

29.XII Epc: North Arabian Sea.
 (阿拉伯海北部)
 O: 08-04-07, M: 5

Lhasa eP 08 09 39
 S 14 05
 Lanchow P 11 21
 Sian eP 11 53
 Paotow eP 12 09
 Peking P 12 37

29.XII Epc: 19°S, 70°W
 O: 10-41-06, M: 6 $\frac{1}{4}$

Changchun +iPKP1 11 00 50
 PP 04 41
 Peking PKP1 01 00
 PKP2 01 37
 PP 05 18
 Paotow PKP1 01 01
 PP 05 19
 Lhasa PKP1 01 03
 PP 05 26
 Lanchow +PKP1 01 04
 -PKP2 01 54
 PP 05 38
 Zose +PKP1 01 06
 ePP 05 47
 Nanking +iPKP1 01 06
 PP 05 48
 Sian +iPKP1 01 07
 PKP2 02 05
 PP 05 51
 Chengtu +iPKP1 01 09
 PKP2 02 15
 iPP 06 04
 Kunming +iPKP1 01 10
 -iPKP2 02 33
 PP 06 22
 SKKS 13 08
 Canton +PKP1 01 11
 ePKP2 02 49
 ePP 06 39

29.XII Epc: Kermadec Trench,

(克馬德克海沟)

O: 14-47-26, M: 6 $\frac{1}{4}$

Canton eP 15 00 16
 SKS 10 42
 Zose -P 00 16
 eSKS 10 42
 Nanking eP 00 25
 SKS 10 54
 Changchun eP 00 42
 eSKS 11 14
 eS 11 46
 Peking eP 00 56
 SKS 11 32
 S 12 12
 Kunming SKS 11 38
 S 12 23
 Sian eP 01 04
 iSKS 11 41
 S 12 28
 Chengtu eP 01 10
 iSKS 11 47
 Paotow SKS 11 53
 Lanchow eP 01 22
 SKS 12 00
 Lhasa SKS 12 33

~~30.XII Epc: Philippine Is.~~

(菲律賓群島)

O: 07-06-50

Kunming eP 07 11 36
 Chengtu eP 11 53
 Sian eP 12 02
 Peking eP 12 35
 Lanchow eP 12 38
 eS 17 17

30.XII Epc: 4°S, 154° $\frac{1}{2}$ E

O: 18-16-07

h: 15km, M: 5 $\frac{1}{4}$

Zose S 18 31 41
 ScS 34 36
 Canton eS 31 57
 ScS 34 46
 Nanking eP 25 03
 S 32 11
 ScS 34 51
 Peking eP 25 51

30.XII Peking eSP 18 25 59
 eS 33 42
 iScS 35 40
 Sian eP 26 01
 sP 26 08
 S 33 59
 Kunming eP 26 04
 sP 26 11
 S 34 05
 Chengtu P 26 12
 sP 26 20
 iS 34 21
 iScS 36 02
 Paotow eS 34 37
 Lanchow +P 26 32
 sP 26 39
 iS 34 58
 ScS 36 22
 Lhasa +P 27 19
 sP 27 26
 S 36 26

31.XII Lanchow P 19 52 52
 eSKS 20 03 16
 S 03 28
 Lhasa eP 19 53 25

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1963 II 28.

31.XII Epc: South off Kamchka.
 (堪察加半岛之南)
 O: 08-00-13, M: 4 $\frac{3}{4}$

Changchun eP 08 05 40
 eS 10 02
 Peking eP 06 51
 Nanking eP 07 25
 Lanchow P 08 17

31.XII Epc: Sumatra.
 (苏门答腊岛)
 O: 11-00-53, M: 5 $\frac{1}{2}$

Kunming eP 11 06 25
 Canton eS 11 24
 Lhasa eP 07 13
 S 12 16
 Lanchow eP 07 57
 eS 13 37
 Peking eP 08 52
 Lanchow P 52 52

31.XII Epc: New Hebrides.
 (新赫布里底群岛)
 O: 19-40-(06)

Changchun eP 19 52 09
 Peking eP 52 23