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4 APR 1968

OCEANOGRAPHIC INSTITUTE
Seismological Station of Nhatrang
(South Vietnam)
+++++oOo+++++

No ~~01/1968~~

No 344 /HHV/DC

NHATRANG, March, 26 1968

Arrival Time of First Longitudinale Waves
----oOo---

Station Characteristics:

Geographic Location { λ : 12°12'6N
φ : 109°12'7E

a= -3218, b= +9231, c= +2103, d= -52 (10^{-6})
Height (h)= 5m

Apparatus: Standard Short Period Seismographs
Magnifications: { SPZ : 25,000
SPH : 50,000

TEXT

Date	Wave	Begining	Time	Period(T)	Amplitude(A
Mar. 17.68	PorPKP	ei Z	12 34 5(1)		
Mar. 22.68	PorPKP	ei Z	09 22 06(5)		
Mar. 22.68	PorPKP	e Z	19 27 50		

NHATRANG STATION

VIET NAM CONG-HOA
BO QUOC-GIA GIAO-DUC
HAI-HOC-VIEN NHATRANG

International Seismological Centre
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Edinburgh 9

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9 APR 1968

OCEANOGRAPHIC INSTITUTE
Seismological Station of Nhatrang
(South Vietnam)
++++++oOo++++++

No 02/68

No 341 /HHV/DC

NHATRANG, April 3, 1968

Arrival Time of First Longitudinale Waves
----oOo---

Station Characteristics:

Geographic Location { λ : 12°12'6N
φ : 109°12'7E

a= -3218, b= +9231, c= +2103, d= -52 (10^{-6})
Height (h)= 5m

Apparatus: Standard Short Period Seismographs

Magnifications: { SPZ : 25,000
SPH : 50,000

TEXT

Date	Wave	Begining	Time	Period(T)	Amplitude(A)
Mar.26.68	PorPKP	i Z	19 44 45 3/10		
Mar.27.68	PorPKP	ei Z	22 42 41 2/10		

NHATRANG station

to: Dr. Leonard M. Murphy
Chief, seismology Division
US Coast and Geodetic Survey
Washington DC 20230

and: International Seismological Centre
6 south Oswald Road
Edinburg 9
Scotland

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30 MAY 1968

OCEANOGRAPHIC INSTITUTE
Seismological Station of Nhatrang
(South Vietnam)
+++++oOo+++++

No 03/68

No 547 /HHV/DC

NHATRANG, May 20 , 1968

Arrival Time of First Longitudinale Waves
----oOo---

Station Characteristics:

Geographic Location { λ : I2°I2'6N
φ : I09°I2'7E

a= -32I8, b= +923I, c= +2I03, d= -52 (I0^{-6})
Height (h)= 5m

Apparatus: Standard Short Period Seismographs
Magnifications: { SPZ : 25,000
SPH : 50,000

TEXT

Date	Wave	Begining	Time	Period(T)	Amplitude(A)
May.7.68	PorPKP	ei (Z)	09 20 I3.8		
May.8.68	PorPKP	i (Z)	II I2 I7		
May.I0.68	PorPKP	ei (Z)	09 27 36		
-id-	PorPKP	e (Z)	I5 I3 2I.5		
-id-	PorPKP	e (Z)	20 37 03.0		

NHATRANG STATION

to: Dr. Leonard M. Murphy
Chief, Seismology Division
US Coast and Geodetic Survey
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OCEANOGRAPHIC INSTITUTE

Seismological Station of Nhatrang
(South Vietnam)
+++++oOo+++++

No 04/68

No 547 /HHV/DC

NHATRANG, May 20 ,1968

Arrival Time of First Longitudinale Waves
----oOo---

Station Characteristics:

Geographic Location { λ : I2°I2'6N
φ : I09°I2'7E

a= -32I8, b= +923I, c= +2I03, d= -52 ($I0^{-6}$)
Height (h)= 5m

Apparatus: Standard Short Period Seismographs

Magnifications: { SPZ : 25,000
SPH : 50,000

TEXT

Date	Wave	Begining	Time	Period(T)	Amplitude(A)
May.I6.68	PorPKP	ei (Z)	06 38 10		
-id-	PorPKP	i (Z)	06 44 46		
-id-	PorPKP	e (Z)	07 56 45.2		
-id-	PorPKP	ei (Z)	08 I9 59.8		
-id-	P	ei (Z)	10 46 46.8	2	62mm
-id-	PorPKP	ei (Z)	15 00 20.5		
-id-	PorPKP	ei (Z)	16 01 29.5		
-id-	PorPKP	i (Z)	16 21 28.3		
-id-	PorPKP	ei (Z)	17 36 08		
-id-	PorPKP	i (Z)	18 [illegible]5057		
-id-	PorPKP	ei (Z)	19 24 29.1		
-id-	PorPKP	ei (Z)	20 29 58.8		
-id-	P	i (Z)	23 12 34	1.2	15mm

NHATRANG STATION

to: Dr. Leonard M. Murphy
Chief, Seismology Division
US Coast and Geodetic Survey

Washington D.C 20230
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10 JUN 1968

OCEANOGRAPHIC INSTITUTE
Seismological Station of Nhatrang
(South Vietnam)
+++++oOo+++++

No 05/68

No 586 /HHV/DC

NHATRANG, May 31 , 1968

Arrival Time of First Longitudinale Waves
----oOo---

Station Characteristics:

Geographic Location { λ : 12°12'6N
φ : 109°12'7E

a= -3218, b= +9231, c= +2103, d= -52 (10^{-6})
Height (h)= 5m

Apparatus: Standard Short Period Seismographs

Magnifications: { SPZ : 25,000
SPH : 50,000

TEXT

Date	Wave	Begining	Time	Period(T)	Amplitude(A)
May.17.68	P or PKP	i (Z)	06 32 14.0		
-id-	P or PKP	ei (Z)	13 10 22.0		
May.21.68	P or PKP	e (Z)	08 28 36.8		
-id-	P or PKP	i (Z)	18 56 06.0		
May.24.68	P or PKP	i (NS)	14 14 09.2		
-id-	P or PKP	ei (NS)	15 48 02.0		

NHATRANG STATION

To: Dr. Leonard M. Murphy
Chief,Seismology Division
US Coast and Geodetic Survey
Washington D.C. 20230 (U.S.A)

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2 JUL 1968

OCEANOGRAPHIC INSTITUTE

Seismological Station of Nhatrang
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++++++oOo++++++

No ~~07/1968~~

No 637 /HHV/DC

NHATRANG, June 23 , 1968

Arrival Time of First Longitudinale Waves
----oOo---

Station Characteristics:

Geographic Location { λ : 12°12'6N
φ : 109°12'7E

a= -3218, b= +9231, c= +2103, d= -52 (10^{-6})
Height (h)= 5m

Apparatus: Standard Short Period Seismographs

Magnifications: { SPZ : 25,000
SPH : 50,000

TEXT

Date	Wave	Begining	Time	Period(T)	Amplitude(A
1.6.68	P or PKP	e (Z)	10 39 23.0		
1.6.68	P or PKP	e (Z)	13 25 35.0		
4.6.68	P or PKP	e (Z)	17 18 16.5		
5.6.68	P or PKP	i (Z)	15 12 38.5		
6.6.68	P	e (Z)	19 46 30.5		
6.6.68	P or PKP	e (Z)	24 24 58.0		
7.6.68	P	i (Z)	12 01 39.8		
7.6.68	Pior PKP	ei(Z)	21 35 04.0		
8.6.68	P or PKP	e (Z)	00 25 49.0		
11.6.68	P or PKP	e (Z)	10 28 29.0		
12.6.68	P or PKP	ei(Z)	04 34 00.0		
12.6.68	P or PKP	ei(Z)	13 49 24.0		
12.6.68	P or PKP	ei(Z)	20 21 27.0		
12.6.68	P or PKP	i (Z)	22 05 15.3		
12.6.68	P or PKP	i (Z)	23 29 08.5		
14.6.68	P or PKP	ei(Z)	12 00 14.5		
16.6.68	P or PKP	ei(Z)	23 00 35.1		
17.6.68	P or PKP	i (Z)	06 00 44.5		
17.6.68	P or PKP	ei(Z)	11 04 02.0		
17.6.68	P or PKP	i (Z)	12 19 52.7		
19.6.68	P or PKP	ei(Z)	01 50 19.0		
19.6.68	P or PKP	e (Z)	08 33 42.0		
19.6.68	P or PKP	e (Z)	20 17 46.0		

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18 JUL 1968

OCEANOGRAPHIC INSTITUTE
Seismological Station of Nhatrang
(South Vietnam)
+++++oOo+++++

No_____

No 694 /HHV/DC

NHATRANG, JULY IO , I968

Arrival Time of First Longitudinale Waves
----oOo----

Station Characteristics:

Geographic Location { λ : I2°I2'6N
φ : I09°I2'7E

a= -32I8, b= +923I, c= +2I03, d= -52 (IO^{-6})
Height (h)= 5m

Apparatus: Standard Short Period Seismographs

Magnifications: { SPZ : 25,000
SPH : 50,000

TEXT

Date	Wave	Begining	Time	Period(T)	Amplitude(A)
JULY. I.68	PorPKP	e (Z)	IO 52 06.5		
JULY.5.68	PorPKP	ei(Z)	II 35 36.9		

NHATRANG STATION

to: Dr.Leonard M. Murphy
Chief,Seismology Division
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29 JUL 1968

OCEANOGRAPHIC INSTITUTE
Seismological Station of Nhatrang
(South Vietnam)
+++++oOo+++++

No 07/1968

No 72 /HHV/DC

NHATRANG, JULY 20,1968

Arrival Time of First Longitudinale Waves
----oOo---

Station Characteristics:

Geographic Location { λ : 12°12'6N
φ : 109°12'7E

a= -3218, b= +9231, c= +2103, d= -52 (10^{-6})
Height (h)= 5m

Apparatus: Standard Short Period Seismographs
Magnifications: { SPZ : 25,000
SPH : 50,000

TEXT

Date	Wave	Begining	Time	Period(T)	Amplitude(A
July 10,68	PorPKP	e(Z)	11 26 27.0		
July 12,68	PorPKP	ei(Z)	00 52 24.0		
-id-	PorPKP	ei(Z)	04 04 05.5		
-id-	PorPKP	e(Z)	09 31 23.0		

NHATRANG STATION

VIET-NAM CONG HOA NGHIA-VIEN NHATRANG VAN-HOA

to : Dr. Leonard M.Murphy
Chief, Seismology Division
US. Coast and Geodetic Survey

WASHINGTON D.C.20230

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OCEANOGRAPHIC INSTITUTE

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No ~~08/68~~

No 741 /HHV/DC

NHATRANG, July 27,1968

Arrival Time of First Longitudinale Waves
----oOo---

Station Characteristics:

Geographic Location { λ : I2°I2'6N
φ : I09°I2'7E

a= -32I8, b= +923I, c= +2I03, d= -52 ($I0^{-6}$)
Height (h)= 5m

Apparatus: Standard Short Period Seismographs

Magnifications: { SPZ : 25,000
SPH : 50,000

TEXT

Date	Wave	Begining	Time	Period(T)	Amplitude(A)
July I9,68	PorPKP	i(Z)	05 00	OI.0	

to: Dr.Leonard M.Murphy
Chief,Seismology Division
US.Coast and Geodetic Survey

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8 AUG 1968

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+++++oOo+++++

No 09/68

No 757 /HHV/DC

NHATRANG, August 2, 1968

Arrival Time of First Longitudinale Waves
----oOo---

Station Characteristics:

Geographic Location { λ : 12°12'6N
φ : 109°12'7E

a= -3218, b= +9231, c= +2103, d= -52 (10^{-6})
Height (h)= 5m

Apparatus: Standard Short Period Seismographs

Magnifications: { SPZ : 25,000
SPH : 50,000

TEXT

Date	Wave	Begining	Time	Period(T)	Amplitude(A
July,25,68	P or PKP	ei(NS)	07 34 30.0		
- id -	P or PKP	e (NS)	10 58 13.5		
July 29,68	P or PKP	i(NS)	23 58 02.0		

NHATRANGSTATION

To:

Dr. Leonard M.Murphy
Chief,Seismology Division
US. Coast and geodetic Survey
WASHINGTON DC.20230
(U.S.A)

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6 South Oswald Road
Edinbuegh 9
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VIET-NAM CONG-HOA
HAI-HOC-VIEN
NHATRANG
BO VAN-HOA GIAO-DUC

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15 AUG 1968

OCEANOGRAPHIC INSTITUTE
Seismological Station of Nhatrang
(South Vietnam)
+++++oOo+++++

No 10/68

No 771 /HHV/DC

NHATRANG, AUGUST,5,1968

Arrival Time of First Longitudinale Waves
----oOo---

Station Characteristics:

Geographic Location { λ : 12°12'6N
φ : 109°12'7E

a= -3218, b= +9231, c= +2103, d= -52 (10^{-6})
Height (h)= 5m

Apparatus: Standard Short Period Seismographs

Magnifications: { SPZ : 25,000
SPH : 50,000

TEXT

Date	Wave	Begining	Time	Period(T)	Amplitude(A)
August,1,68	PorPKP	i(NS)	20.22.29.0		
August,2,68	PorPKP	ei(Z)	13.38.40.5		
August,4,68	P	i(NS)	11.45.17.0		

NHATRANG STATION

To:
DR.LEONARD M.MURPHY
CHIEF,SEISMOLOGY DIVISION
US.COAST AND GEODETIC SURVEY
WASHINGTON D.C.20230
(U.S.A.)

INTERNATIONAL SEISMOLOGICAL CENTRE
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22 AUG 1968

OCEANOGRAPHIC INSTITUTE
Seismological Station of Nhatrang
(South Vietnam)
++++++oOo++++++

No II/68

No 781 /HHV/DC

NHATRANG,

Arrival Time of First Longitudinale Waves
----oOo---

Station Characteristics:

Geographic Location { λ : I2°I2'6N
φ : I09°I2'7E

a= -32I8, b= +923I, c= +2I03, d= -52 (I0^{-6})
Height (h)= 5m

Apparatus: Standard Short Period Seismographs

Magnifications: { SPZ : 25,000
SPH : 50,000

TEXT

Date	Wave	Begining	Time	Period(T)	Amplitude(A)
August,3,68	PorPKP	i(NS)	04 59 35.00		
August,3,68	PorPKP	i(NS)	06 28 I9.00		
AUgust,7,68	P	ei(Z)	08 08 I4.00		
August,I0,68	PorPKP	i(EW)	02 II 38.00		
-id-	PorPKP	i(EW)	04 I0 24.50		
-id-	PorPKP	i(EW)	05 56 22.00		
-id-	PorPKP	i(EW)	08 I4 48.00		
August,II,68	PorPKP	ei(EW)	20 05 II.50		
August,I2,68	P	ei(Z)	I3 48 20.00		

NHATRANG STATION

to: Dr.LEONARD M.MURPHY
CHIEF,SEISMOLOGY DIVISION
US. COAST AND GEODETIC SURVEY
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VIET-NAM CONG-HOA
BO VAN-HOA GIAO-DUC
HAI-HOC-VIEN
NHATRANG

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29 AUG 1968

OCEANOGRAPHIC INSTITUTE
Seismological Station of Nhatrang
(South Vietnam)
+++++oOo+++++

No 12/68

No 823 /HHV/DC

NHATRANG,

Arrival Time of First Longitudinale Waves
----oOo---

Station Characteristics:

Geographic Location { λ : 12°12'6N
φ : 109°12'7E

a= -3218, b= +9231, c= +2103, d= -52 (10^{-6})
Height (h)= 5m

Apparatus: Standard Short Period Seismographs
Magnifications: { SPZ : 25,000
SPH : 50,000

TEXT

Date	Wave	Begining	Time	Period(T)	Amplitude(A)
August,14,68	PorPKP	i(Z)	22 18 02.50		
August,15,68	P	ei(Z)	21 29 46.00		

NHATRANG STATION

To: DR.LEONARD M.MURPHY
CHIEF,SEISMOLOGY DIVISION
US.COAST AND GEODETIC SURVEY

"WASHINGTON D.C.20230

INTERNATIONAL SEISMOLOGICAL CENTRE
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9 SEP 1968

OCEANOGRAPHIC INSTITUTE
Seismological Station of Nhatrang
(South Vietnam)
+++++oOo+++++

No I3/68

No 854 /HHV/DC

NHATRANG,

Arrival Time of First Longitudinale Waves
----oOo---

Station Characteristics:

Geographic Location { λ : I2°I2'6N
φ : I09°I2'7E

a= -32I8, b= +923I, c= +2I03, d= -52 ($I0^{-6}$)
Height (h)= 5m

Apparatus: Standard Short Period Seismographs
Magnifications: { SPZ : 25,000
SPH : 50,000

TEXT

Date	Wave	Begining	Time	Period(T)	Amplitude(A
August,I3,68	P	ei(Z)	02 57 24.0		
August,I7,68	PorPKP	i(EW)	04 05 09.0		
August,I8,68	PorPKP	i(EW)	I8 47 I4.0		

NHATRANG STATION

to:
DR.LEONARD M.MURPHY
CHIEF,SEISMOLOGY DIVISION
US.COAST AND GEODETIC SURVEY
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VIET-NAM CONG-HOA HAI-HOC-VIEN NHATRANG

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17 SEP 1968

OCEANOGRAPHIC INSTITUTE
Seismological Station of Nhatrang
(South Vietnam)
+++++oOo+++++

No I4/68

No 842 /HHV/DC

NHATRANG,

Arrival Time of First Longitudinale Waves
----oOo---

Station Characteristics:

Geographic Location { λ : I2°I2'6N
φ : I09°I2'7E

a= -32I8, b= +923I, c= +2I03, d= -52 ($I0^{-6}$)
Height (h)= 5m

Apparatus: Standard Short Period Seismographs
Magnifications: { SPZ : 25,000
SPH : 50,000

TEXT

Date	Wave	Begining	Time	Period(T)	Amplitude(A)
August,25,68	P	ei(EW)	I3 27 45.0		
August,28,68	PorPKP	i (EW)	20 45 27.5		
August,29,68	P	ei(EW)	2I II I0.0		

NHATRANG STATION

To:
DR.LEONARD M.MURPHY
CHIEF,SEISMOLOGY DIVISION
US.COAST AND GEODETIC SURVEY
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