



Canada

File copy #1
Replace in Room #21

see see H. 6

Seismological Bulletin

**Seismological Service
of Canada**

**October - December
1956**

This document was produced
by scanning the original publication.

Ce document est le produit d'une
numérisation par balayage
de la publication originale.

**Dominion Observatory,
Department of Mines and
Technical Surveys, Ottawa**

Notes

1. Halifax. A Willmore seismometer and a galvanometer were installed in place of the long period Benioff on November 24. The characteristics of the new combination are as follows: $T_s = 1.0$; $T_g = 1.65$; magnification at 1 cycle/sec. = 16,000; damping is nearly critical; paper speed is 30 mm/minute; time mark zero is at the end; direction of motion: up trace, ground up.
2. Kirkland Lake. Some of the arrival times during December are in doubt because of clock trouble. These have been enclosed in parentheses.
3. Schefferville. There were very few time corrections or minute marks during the quarter. Shocks that could be identified with reasonable certainty are included in the bulletin (hours only), and the directions of initial motion are given.
4. Seven Falls. Practically no time corrections during the quarter. Uncertainties in arrival times are indicated by question marks.
5. Shawinigan Falls. Arrival times are uncertain from December 1 to December 26. This is indicated by enclosing the seconds in parentheses.

Notes

1. Hutter. A Whitmore manuscript and a handwritten note in-
cluded in place of the leaf printed bound on pages 132-133. The
characters of the new conditions are as follows: 1. 1. 2. 3.
4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 841. 842. 843. 844. 845. 846. 847. 848. 849. 850. 851. 852. 853. 854. 855. 856. 857. 858. 859. 860. 861. 862. 863. 864. 865. 866. 867. 868. 869. 870. 871. 872. 873. 874. 875. 876. 877. 878. 879. 880. 881. 882. 883. 884. 885. 886. 887. 888. 889. 890. 891. 892. 893. 894. 895. 896. 897. 898. 899. 900. 901. 902. 903. 904. 905. 906. 907. 908. 909. 910. 911. 912. 913. 914. 915. 916. 917. 918. 919. 920. 921. 922. 923. 924. 925. 926. 927. 928. 929. 930. 931. 932. 933. 934. 935. 936. 937. 938. 939. 940. 941. 942. 943. 944. 945. 946. 947. 948. 949. 950. 951. 952. 953. 954. 955. 956. 957. 958. 959. 960. 961. 962. 963. 964. 965. 966. 967. 968. 969. 970. 971. 972. 973. 974. 975. 976. 977. 978. 979. 980. 981. 982. 983. 984. 985. 986. 987. 988. 989. 990. 991. 992. 993. 994. 995. 996. 997. 998. 999. 1000.

2. Hutter. Some of the errors of the original have been
in doubt because of poor lighting. These have been pointed out
in the margin.

3. Hutter. There were very few lines of evidence of change
in the original. Some of the errors of the original have
been pointed out in the margin. The original is in the
margin of the original.

4. Hutter. The original is in the margin of the original.
The original is in the margin of the original.

5. Hutter. The original is in the margin of the original.
The original is in the margin of the original.

SEISMOLOGICAL BULLETIN - 1956

OCTOBER - DECEMBER

OCTOBER 1

U.S.C.G.S.
18 1/2N, 77W
Jamaica
H = 18 04 40

Banff
iP 18 13 12

Horseshoe Bay
iP 18 13 23

Kirkland Lake
eP 18 10 52 c

Ottawa
eP 18 10 30

Shawinigan Falls
iP 18 10 39 d

Victoria
iP 18 13 22.0

OCTOBER 1

Horseshoe Bay
iP 20 42 48.0
Local shock

OCTOBER 2

Horseshoe Bay
iP 09 25 42.0
Local shock

OCTOBER 2

Alberni
iP 09 26 00.5
iS 09 26 14.4
Local shock

OCTOBER 2

U.S.C.G.S.
53N, 159E
Near southeast coast
of Kamchatka
H = 14 56 26
Banff
iP 15 05 24

Halifax

eP 15 08 06

Horseshoe Bay
iP 15 04 49

Kirkland Lake
eP 15 07 17 c?

e 15 07 28 c

Ottawa
eP 15 07 41 c

PP 15 10 18

Resolute
iP 15 04 27 c

eS_cP 15 09 46
eS 15 10 34

eS_cS 15 14 02
Seven Falls
eP 15 07 31? d

Shawinigan Falls
iP 15 07 42 c

i 15 07 53
pP 15 08 09

i 15 08 20
PP 15 10 21

Victoria
eP 15 04 53.6
S 15 11 41.5

OCTOBER 2

U.S.C.G.S.
24N, 109 1/2W
Southern Gulf of
California
H = 15 53 30
Resolute
eL 16 18 01

OCTOBER 2

Resolute
i 16 44 33

OCTOBER 2

Horseshoe Bay
e 19 19 06.0
Local shock

OCTOBER 2

Horseshoe Bay
e 22 20 46.5
Local shock

OCTOBER 2

Horseshoe Bay
22 30 11.4
Local shock

OCTOBER 3

Alberni
iP 00 46 20.9
iS 00 46 44.4

Horseshoe Bay
iP 00 46 10
iS 00 46 27

Victoria
iP 00 46 00.9
iS 00 46 09.9

Local shock

OCTOBER 3

U.S.C.G.S.
20S, 69 1/2W
Northern Chile
H = 08 18 49
h = about 150 km
Banff
iP 08 31 03

Halifax
iP 08 29 10 c
P_cP 08 29 35 d

Horseshoe Bay
iP 08 31 08
i 08 31 46

Kirkland Lake
iP 08 29 40 d
ipP 08 30 05 c
i 08 30 06 c

isP 08 30 17 d
i 08 30 26 c
i 08 30 36 d

i 08 30 47 c

DOMINION OBSERVATORIES

Ottawa
 eP 08 29 20 c
 P_cP 08 29 47
 S 08 38 00
 sS 08 38 42
 S_cS 08 39 06
 Resolute
 ePP 08 36 00
 eS 08 43 15
 eSS 08 49 24
 e 08 53 28
 eG 08 58 10

Seven Falls
 iP 08 29 18? c
 P_cP 08 29 44? d
 S 08 38 04?
 sS 08 38 48?
 S_cS 08 39 05?

Shawinigan Falls
 iP 08 29 27 d
 P_cP 08 29 54
 sP 08 30 04
 Victoria
 iP 08 31 06.0
 ipP 08 31 44
 iS 08 40 47
 e 08 41 20
 e 08 42 07

OCTOBER 3
 Resolute
 e 14 13 53
 e 14 21 18
 e 14 21 47

OCTOBER 3
 Shawinigan Falls
 iP 16 45 45

OCTOBER 3
 Ottawa
 iP_n 17 06 45
 iS_n 17 07 05
 D = 180 km
 Shawinigan Falls
 i 17 07 08

*Melchiorista
 blast*

OCTOBER 3
 Resolute
 eP_n 18 34 39

OCTOBER 4
 Banff
 iP 00 13 22
 iS 00 13 23
 Local shock

OCTOBER 4
 Horseshoe Bay
 iP 07 30 31
 iS 07 31 09
 Victoria
 eP 07 30 18.6
 Local shock

OCTOBER 4
 About 200 miles off
 coast of Chiapas,
 Mexico
 H = 17 15 14
 Banff
 eP 17 22 55
 e 17 23 28
 Kirkland Lake
 eP 17 23 12 c

Ottawa
 iP 17 22 05 c
 Seven Falls
 eP 17 22 22?
 Shawinigan Falls
 iP 17 22 23 c

OCTOBER 6
 U.S.C.G.S.
 16S, 179W
 Fiji Islands
 H = 17 00 14
 Victoria
 iP 17 12 22

OCTOBER 7
 U.S.C.G.S.
 5N, 82W
 Off coast of Panama
 H = 06 52 00
 Ottawa
 eP 06 59 40
 i 06 59 44 c
 Seven Falls
 eP 06 59 49
 Shawinigan Falls
 eP 06 59 57

OCTOBER 7
 Victoria
 eP 07 34 24

OCTOBER 7
 Banff
 iP 16 56 13
 iS 16 56 14
 Local shock

OCTOBER 7
 Banff
 iP 22 58 53
 e 22 58 54
 Local shock

OCTOBER 8
 U.S.C.G.S.
 4S, 144 1/2E
 Near north coast of
 New Guinea
 H = 00 19 47
 Horseshoe Bay
 eP 00 33 06
 Victoria
 eP 00 33 02

SEISMOLOGICAL BULLETIN - 1956

OCTOBER 8
 U.S.C.G.S.
 About 200 miles off
 coast of Vancouver
 Island, B.C.
 H = 01 49 09
 Alberni
 eP 01 49 58.9
 iP 01 49 59.8
 iS 01 50 15.6
 i 01 50 36.7

Banff
 iP 01 51 28

Horseshoe Bay
 eP 01 50 17
 i 01 50 25
 i(S) 01 50 31
 Victoria
 eP 01 50 13

OCTOBER 8
 U.S.C.G.S.
 12N, 141E
 Marianas Islands region
 H = 04 29 04
 Banff
 iP 04 42 02
 Horseshoe Bay
 iP 04 41 43
 Victoria
 iP 04 41 41.4

OCTOBER 8
 U.S.C.G.S.
 20S, 174W
 Tonga Islands
 H = 14 55 49
 Halifax
 eL 15 58.0
 Kirkland Lake
 eL 15 54.0
 Resolute
 eS 15 21 30
 eSS 15 29 25
 eL 15 42 49

OCTOBER 8
 Alberni
 e 19 10 47
 e 19 17 40.5
 e 21 02 39.6
 e 21 32 21.8
 e 22 52 20.6
 e 23 18 46.1
 Series of local events
 having S-P intervals of
 about one second.

OCTOBER 8
 Victoria
 eP 22 51 06

OCTOBER 8
 U.S.C.G.S.
 25N, 46W
 Atlantic Ocean
 H = 10 53 41
 Banff
 iP 11 03 39
 Kirkland Lake
 eP 11 00 40
 Ottawa
 iP 11 00 07 d
 Shawinigan Falls
 iP 10 59 57 c
 Victoria
 eP 11 04 14

OCTOBER 9
 Victoria
 eP 14 00 35

OCTOBER 9
 U.S.C.G.S.
 24 1/2N, 45 1/2W
 Atlantic Ocean
 H = 14 46 18
 Banff
 eP 14 56 19
 Ottawa
 eP 14 52 48

Shawinigan Falls
 eP 14 52 50 c
 Victoria
 eP 14 56 54.4

OCTOBER 9
 Banff
 iP 21 39 25
 iS 21 39 26

OCTOBER 9
 Banff
 iP 23 42 11
 iS 23 42 15
 Local shock

OCTOBER 10
 Seven Falls
 iP₁ 05 41 10?
 iS₁ 05 41 15?
 D = 4 km
 Shawinigan Falls
 iP_n 05 41 52
 eS_n 05 42 16
 D = 260 km

OCTOBER 10
 Alberni
 iP 07 09 06.5
 iS 07 09 21.3

OCTOBER 11
 U.S.C.G.S.
 46N, 150 1/2E
 Kurile Islands
 H = 02 24 36
 Banff
 iP 02 34 25.7
 Halifax
 iP 02 37 01 c
 ePPP 02 42 04
 Horseshoe Bay
 iP 02 34 04
 iS 02 41 39
 iS_cS 02 43 42

*Eastward at Mac
 49 18 N 70 W
 South of the
 Canada, 2
 Map 2.7*

DOMINION OBSERVATORIES

| | | | | |
|-------------------------|-------------|------------------------|------------|----------------------------|
| Kirkland Lake | | OCTOBER 11 | | Saskatoon |
| iP | 02 36 15 c | Victoria | | iP 16 52 51 |
| iP _c P | 02 36 27 c | eP | 02 54 37 | iS 16 56 11 |
| ipP | 02 33 47 c? | | | Seven Falls |
| esP | 02 36 59 | | | eP 16 56 03? d |
| iPP | 02 39 11 c | OCTOBER 11 | | e 16 57 26? |
| iS | 02 45 48 | Victoria | | PP 16 57 35? |
| isS | 02 46 22 | iP | 15 32 20.4 | PPP 16 57 50? |
| Ottawa | | iS | 15 32 34.8 | P _c P 16 58 27? |
| iP | 02 36 36 c | Local shock | | S 17 02 01? |
| pP | 02 37 08 | | | i 17 03 01? |
| e | 02 39 28 | | | SS 17 04 59? |
| PP | 02 39 44 | OCTOBER 11 | | S _c S 17 06 47? |
| PPP | 02 41 33 | U.S.C.G.S. | | e 17 07 53? |
| e | 02 43 00 | 40 1/2N, 126 1/2W | | L 17 08 34? |
| iS | 02 46 30 | Off coast of Mendocino | | Shawinigan Falls |
| SS | 02 52 00 | California | | eP 16 56 12 d |
| SSS | 02 55 40 | H = 16 48 46 | | i 16 57 12 d |
| Resolute | | Alberni | | PP 16 57 44 |
| iP | 02 33 37 c | iP | 16 50 57.4 | P _c P 16 58 35 |
| eP _c S | 02 38 35 | Halifax | | S 17 02 13 |
| iS | 02 40 54 | i | 16 57 10 d | SS 17 04 53 |
| eS _c S | 02 43 05 | iP _c P | 16 58 55 | L 17 08 09 |
| esSS | 02 45 23 | eL | 17 12 10 | Victoria |
| e | 02 54 15 | Horseshoe Bay | | iP 16 50 47.8 |
| Seven Falls | | iP | 16 51 05 | iS 16 52 26 |
| eP | 02 36 19? | iS | 16 52 53 | |
| pP | 02 36 53? | e | 16 54 47 | |
| PP | 02 39 26? | Kirkland Lake | | |
| PPP | 02 41 22? | e | 16 55 23 | OCTOBER 11 |
| i | 02 45 28? | eP | 16 55 27 c | U.S.C.G.S. |
| iS | 02 46 16? | Ottawa | | 41N, 126W |
| SS | 02 51 28? | eP | 16 55 56 c | Cape Mendocino |
| SSS | 02 54 28? | e | 16 57 08 | aftershock |
| Shawinigan Falls | | PP | 16 57 25 | H = 17 18 17 |
| iP | 02 36 37 c | P _c P | 16 58 18 | Banff |
| pP | 02 37 09 | e | 17 00 38 | iP 17 21 23.8 |
| PP | 02 39 43 | e | 17 01 28 | Horseshoe Bay |
| PPP | 02 41 36 | S | 17 01 44 | eP 17 20 36 |
| S | 02 46 31 | SS | 17 04 14 | Ottawa |
| PS | 02 47 20 | S _c S | 17 06 26 | eP 17 25 27 |
| Victoria | | L | 17 07 12 | Seven Falls |
| eP | 02 34 01.6 | Resolute | | eP 17 25 33? |
| iP | 02 34 02.5 | iP | 16 55 58 d | Shawinigan Falls |
| iS | 02 41 38 | epP | 16 56 27 | eP 17 25 41 |
| (S _c S) | 02 43 41 | ePP | 16 57 25 | |
| G | 02 47.9 | e | 17 00 55 | |
| | | iS | 17 01 45 | |
| | | eL | 17 09 25 | |

SEISMOLOGICAL BULLETIN - 1956

OCTOBER 11

U.S.C.G.S.
41N, 125 1/2W
Cape Mendocino
aftershock
H = 17 22 32

Ottawa
eP 17 29 37 c
Shawinigan Falls
eP 17 29 50 d

OCTOBER 11

Alberni
iP 21 02 57.4
iS 21 03 22.7
Horseshoe Bay
iP 21 02 57
i 21 03 09
iS 21 03 17
Victoria
iP 21 03 06.3
iS 21 03 28.5
Local shock

OCTOBER 12

Banff
iP 01 07 28.6
iS 01 07 29.4
Local shock

OCTOBER 12

U.S.C.G.S.
15 1/2S, 75W
Near coast of Central
Peru
H = 02 37 45
Banff
e 02 49 26
Horseshoe Bay
eP 02 49 42
iS 02 59 34
Kirkland Lake
eP 02 48 13 c?
e 02 48 22

Ottawa

eP 02 47 54 d
S 02 56 09
e 02 57 22
SS 03 00 00
L 03 06 10

Resolute

iP 02 50 46 d
ePP 02 54 23
eS 03 01 15
eSS 03 07 43
eL 03 12 37

Seven Falls

eP 02 47 49? c
S 02 56 31?
e 03 02 48?
G 03 04 46?
Shawinigan Falls
iP 02 48 03 c
Victoria
iP 02 49 35.8
iS 02 59 23.9

OCTOBER 12

Horseshoe Bay
eP 09 43 55
e 09 44 58
Victoria
eP 09 44 08
e 09 45 12

OCTOBER 12

U.S.C.G.S.
42 1/2N, 144 1/2E
Near east coast of
Hokkaido, Japan
H = 12 22 46
Banff
eP 12 33 08
Halifax
eL 13 11.0
Kirkland Lake
eP 12 35 22
Ottawa
P 12 35 25
S 12 45 52

Resolute

iP 12 32 31 d
eS 12 40 21
eSS 12 43 43
eL 12 50 41

Seven Falls

eP 12 35 06?
S 12 45 22

Shawinigan Falls

eP 12 35 24?

Victoria

eP 12 33 01

OCTOBER 12

Alberni
iP 15 32 41.5
iS 15 33 05.7
Local shock

OCTOBER 13

U.S.C.G.S.
13N, 56 1/2W
Off north coast of
South America
H = 04 47 32
Kirkland Lake
eP 04 55 23
Ottawa
iP 04 54 50 d
Seven Falls
eP 04 54 22?
Shawinigan Falls
eP 04 54 41

OCTOBER 13

U.S.C.G.S.
9 1/2N, 70W
Western Venezuela
H = 05 04 40
Halifax
eP 05 11 38
Horseshoe Bay
eP 05 14 49
Kirkland Lake
eP 05 12 18

DOMINION OBSERVATORIES

*Assessment
Index*

Ottawa
eP 05 11 45
Shawinigan Falls
eP 05 11 54
Victoria
eP 05 14 46

OCTOBER 13
U.S.C.G.S.
5S, 149 1/2E
New Britain
H = 18 54 06
Halifax
eP' 19 13 16
e 19 16 48
eL 19 57.0
Ottawa
eP' 19 12 49 d
Resolute
e(SP) 19 21.0
e(SS) 19 26.4
e 19 51 11
Seven Falls
eP' 19 12 45?
Shawinigan Falls
eP' 19 12 50 d

OCTOBER 14
Ottawa
iP_n 16 50 15
i 16 50 17
S_n 16 50 32
D = 150 km

OCTOBER 13
U.S.C.G.S.
36N, 70 1/2E
Afghanistan
H = 08 21 07
Banff
eP 68 34 15

OCTOBER 14
U.S.C.G.S.
38N, 141 1/2E
Off east coast of
Honshu, Japan
H = 21 05 36
Resolute
e 21 15 30
eP 21 16 07

OCTOBER 13
U.S.C.G.S.
49 1/2N, 156E
Northern Kurile Islands
H = 15 12 24
Banff
eP 15 21 48
Kirkland Lake
eP 15 24 04
Ottawa
eP 15 24 25
Resolute
eS 15 27 47
eL 15 34 38
Shawinigan Falls
eP 15 24 13
Victoria
eP 15 21 30

OCTOBER 13
U.S.C.G.S.
Near coast of northern
California
H = 22 55 20
Horseshoe Bay
eP 22 57 39

OCTOBER 14
Banff
iP 22 47 51.3
iS 22 47 52.6
Local shock

OCTOBER 14
Victoria
iP 09 28 32.4
i 09 28 44.7
iS 09 28 48.2
Local shock

OCTOBER 16
Resolute
eP_n 04 58 30
e 04 59 07
Local shock

OCTOBER 13
Resolute
e(P) 15 20 57

OCTOBER 14
Victoria
iP 11 23 35.2

OCTOBER 17
Banff
iP 01 28 29.1
iS 01 28 30.0
Local shock

OCTOBER 13
Horseshoe Bay
iP 19 01 40.4

OCTOBER 14
Alberni
iP 12 12 49.9
iS 12 12 57.2
Local shock

OCTOBER 17
Resolute
e(P) 08 35 52
e 08 37 11

SEISMOLOGICAL BULLETIN - 1956

OCTOBER 17
 Alberni
 iP 09 37 36.3
 iS 09 37 43.4
 Local shock

OCTOBER 17
 Halifax *Napper plant*
 iP_n 17 49 29 d
 iS_n 17 49 53

OCTOBER 18
 Banff
 iP 00 38 49.1
 iS 00 38 50.1
 Local shock

OCTOBER 18
 Banff
 iP 01 09 15.9
 iS 01 09 17.0
 Local shock

OCTOBER 18
 U.S.C.G.S.
 Near north coast of
 Mindanao, Philippine
 Islands
 H = 03 27 18
 Resolute
 eP 03 40 38

OCTOBER 18
 Horseshoe Bay
 eP 07 17 14
 Victoria
 eP 07 16 59
 eS 07 17 10
 Local shock

OCTOBER 18
 Resolute
 e 20 40 06
 e 20 44 26

OCTOBER 19
 U.S.C.G.S.
 21S, 179W
 Fiji Islands
 H = 12 00 38
 Banff
 i 12 12 00.0
 Horseshoe Bay
 iP 12 11 16.0
 Ottawa
 iP' 12 18 09
 Seven Falls
 eP' 12 17 51?
 Shawinigan Falls
 iP' 12 18 14 c
 Victoria
 iP 12 12 12.9

OCTOBER 19
 U.S.C.G.S.
 56 1/2S, 122W
 South Pacific Ocean
 H = 14 05 34
 Resolute
 e 14 33 44
 eSS 14 44 44
 eSSS 14 49 17
 e 14 56 25
 eL 15 00.0

OCTOBER 19 *Bureau minute sheet*
 Ottawa
 iP_n 16 42 08
 S_n 16 42 24
 L 16 42 32
 D = 130 km

OCTOBER 19
 U.S.C.G.S.
 52N, 177E
 Rat Islands, Aleutian
 Islands
 H = 20 47 33
 Banff
 iP 20 55 09.8

Halifax
 iP 20 38 46 c
 S 21 07 54
 eL 21 23.0
 Kirkland Lake
 eP 20 57 42 c?
 e 21 01 08
 eS 21 06 06
 Ottawa
 iP 20 58 09 d
 P_cP 20 58 46
 S 21 06 42
 SS 21 11 05
 G 21 14 00
 Resolute
 iP 20 55 10 d
 ePP 20 56 45
 e 20 58 16
 iS 21 01 22
 eL 21 04 07

Saskatoon
 eP 20 55 43
 iS 20 02 15
 Seven Falls
 eP 20 57 49?
 S 21 06 30?
 e 21 08 34?
 SS 21 10 26?
 i 21 11 32?
 SS 21 13 17?
 L 21 17 07?
 e 21 17 46?
 e 21 18 49?
 i 21 20 41

Shawinigan Falls
 eP 20 58 11 d
 P_cP 20 58 49

OCTOBER 19
 U.S.C.G.S.
 42 1/2N, 127W
 Off coast of Oregon
 H = 23 58 30
 Ottawa
 eP 24 05 40
 Resolute
 e 24 00 08
 eS 24 10 56
 eL 24 17 18

DOMINION OBSERVATORIES

OCTOBER 20

U.S.C.G.S.
51 1/2N, 170W
Fox Islands, Aleutian
Islands

H = 03 31 24
Banff
iP 03 39 04.6
Kirkland Lake
eP 03 40 53 c?
Ottawa
iP 03 41 22 d
Shawinigan Falls
eP 03 41 26 d

OCTOBER 20

Alberni
iP 13 28 18.5
iS 13 28 36.0
Horseshoe Bay
iP 13 28 12.8
iS 13 28 26.6
Victoria
iP 13 28 02.8
iS 13 28 08.9
Local shock

OCTOBER 21

Ottawa
eP 08 40 32

OCTOBER 21

U.S.C.G.S.
25N, 109W
Southern Gulf of
California
H = 08 39 45
Halifax
eL 09 01.0
Kirkland Lake
e? 08 46 20
eP 08 46 26
Ottawa
eP 08 46 37
e 08 56 06
G 08 58 02

Resolute

e 09 05 09
eL 09 10 43

OCTOBER 22

U.S.C.G.S.
52N, 177E
Rat Islands, Aleutian
Islands
H = 07 26 15
Halifax
eL 08 02
Resolute
eL 07 42

OCTOBER 22

Kirkland Lake
eP 12 00 48

OCTOBER 22

U.S.C.G.S.
9 1/2S, 150E
Near southeast coast
of New Guinea
H = 12.35 10
Halifax
eL 13 34.0
Resolute
eSKS 13 00 02
PS 13 02 24
SS 13 08 30

OCTOBER 23

U.S.C.G.S.
Off coast of El
Salvador
H = 04 24 52
Kirkland Lake
eP 04 32 03
e 04 32 19
Ottawa
iP 04 32 09 d

OCTOBER 23

U.S.C.G.S.
3N, 95W
Northwest of
Galapagos Islands

H = 08 07 35
Banff
eP 08 16 37.4
iP 08 16 32 d
Kirkland Lake
eP 08 16 07
Ottawa
iP 08 15 58 d
Resolute
e 08 18 53 d
iP 08 18 56 c
eS 08 28 25
eL 08 40 32
Seven Falls
eP 08 15 54?
Shawinigan Falls
eP 08 16 13

OCTOBER 23

U.S.C.G.S.
13 1/2N, 120 1/2E
Mindara Island,
Philippine Islands
H = 08 41 22
Halifax
iP 09 00 08 d
Kirkland Lake
e 09 01 05
e 09 10 26
e 09 10 48
Ottawa
eP' 09 00 04
Resolute
iP 08 54 09 c?
eP 08 54 27
ePP 08 57 34
eS 09 04 52
e 09 21 03
e 09 28 59
Seven Falls
eP' 08 59 31? c
Shawinigan Falls
eP' 09 00 03

SEISMOLOGICAL BULLETIN - 1956

| | | | | | |
|---------------|------------|----------------------|-------------|------------------|-------------|
| Victoria | | Saskatoon | | Schefferville | |
| eP | 08 54 44 | iP | 14 50 21 | iP | 05 30 04 |
| | | i | 14 52 10 | iPP | 05 31 38 |
| | | iS | 14 56 50 | Seven Falls | |
| OCTOBER 23 | | e | 15 00 03 | eP | 05 28 31? d |
| Horseshoe Bay | | Seven Falls | | PP | 05 30 16? |
| iP | 18 11 47.2 | eP | 14 49 02? c | S | 05 34 51? |
| iS | 18 12 05.6 | pP | 14 49 26? | L | 05 37 10? |
| Victoria | | i | 14 50 11? | Shawinigan Falls | |
| iP | 18 11 47.2 | PP | 14 53 33? | eP | 05 28 50 |
| iS | 18 12 05.6 | i | 14 50 42? | Victoria | |
| Local shock | | PPP | 14 51 20? | eP | 05 30 20 |
| | | S | 14 55 18? | | |
| | | L | 14 57 23? | | |
| OCTOBER 24 | | Shawinigan Falls | | OCTOBER 25 | |
| U.S.C.G.S. | | eP | 14 49 23 | Shawinigan Falls | |
| 12N, 87W | | PP | 14 50 57 | e(P) | 20 58 26 |
| Near coast of | | PPP | 14 51 28 | | |
| Nicaragua | | S | 14 55 11 | OCTOBER 26 | |
| H = 14 42 10 | | L | 14 58 34 | U.S.C.G.S. | |
| Banff | | Victoria | | 17 1/2S, 176E | |
| iP | 14 50 34 | eP | 14 50 49 | Fiji Islands | |
| Halifax | | S | 14 57 50 | H = 02 47 00 | |
| i(P) | 14 49 38 | | | Horseshoe Bay | |
| iS | 14 55 56 | | | iP | 02 59 41.4 |
| Horseshoe Bay | | OCTOBER 25 | | Victoria | 02 59 38 |
| eP | 14 50 54 | U.S.C.G.S. | | | |
| e | 14 52 23 | 12N, 87W | | | |
| eS | 14 58 00 | Nicaragua aftershock | | OCTOBER 26 | |
| Kirkland Lake | | H = 05 21 40 | | U.S.C.G.S. | |
| eP | 14 49 21 c | Banff | | 6 1/2S, 130E | |
| i | 14 49 24 c | iP | 05 30 04 | Banda Sea | |
| i | 14 49 25 d | Horseshoe Bay | | H = 08 54 46 | |
| i | 14 49 48 d | iP | 05 30 23.2 | h = 200 km | |
| e | 14 50 37 c | Kirkland Lake | | Ottawa | |
| ePP | 14 50 54 | eP | 05 28 49 c | eP' | 09 13 51 |
| e | 14 55 27 | Ottawa | | SKP | 09 17 04 |
| e | 14 57 46 | iP | 05 28 34 d | Schefferville | |
| Ottawa | | PP | 05 30 14 | iP | 09 15 19 |
| eP | 14 49 06 c | PPP | 05 30 30 | Seven Falls | |
| PP | 14 50 20 | P _c P | 05 31 09 | eP' | 09 13 17? |
| PPP | 14 50 38 | S | 05 34 30 | SKP | 09 16 36? |
| e | 14 53 24 | SS | 05 37 06 | Shawinigan Falls | |
| S | 14 54 36 | L | 05 38 32 | iP' | 09 13 52 |
| e | 14 55 04 | Resolute | | SKP | 09 17 06 |
| L | 14 56 38 | eP | 05 32 09 | | |
| Resolute | | e(PPP) | 05 36 11 | | |
| iP | 14 52 40 c | eS | 05 40 38 | | |
| ePP | 14 54 55 | eSS | 05 44 52 | | |
| eL | 15 08 21 | eL | 05 47 53 | | |

DOMINION OBSERVATORIES

OCTOBER 26
 U.S.C.G.S.
 14S, 167E
 New Hebrides
 H = 22 50 21
 Halifax
 eP' 23 09 32
 Horseshoe Bay
 eP 23 03 15
 Kirkland Lake
 e(P') 23 09 36
 Ottawa
 eP' 23 09 15
 PPP 23 12 50
 PKKP 23 19 34
 SS 23 27 06
 Resolute
 e 23 07 35
 eSKS 23 15 08
 ePS 23 18 16
 eSS 23 24 15
 eL 23 40 33
 Seven Falls
 eP' 23 08 49?
 PPP 23 12 24?
 PKKP 23 18 48?
 PPS 23 22 02?
 SS 23 27 09?
 Shawinigan Falls
 eP' 23 09 18 d
 pP' 23 09 47
 PPP 23 12 55
 PKKP 23 19 25
 Victoria
 eP 23 03 14
 eS 23 13 57
 e 23 26.3

OCTOBER 27
 Alberni
 iP 03 58 18.6
 iS 03 58 40.7
 Horseshoe Bay
 iP 03 58 03.2
 i 03 58 06.1
 iS 03 58 13.7
 Victoria
 iP 03 58 06.2
 iS 03 58 18.7
 Local shock

OCTOBER 27
 Ottawa
 eP 09 14 15
 OCTOBER 27 *Caribbean*
 Seven Falls *Two of these*
 eP_n 14 40 03? *48°11'N 20°N*
 S_n 14 40 25? *48°00'N 25°W*
 D = 200 km *May 3-4 83-4*

OCTOBER 27
 U.S.C.G.S.
 12N, 86W
 Near coast of
 Nicaragua
 H = 15 33 08
 Kirkland Lake
 eP 15 40 01 d
 Ottawa
 eP 15 39 45
 Resolute
 eP 15 42 53
 esSS 15 56 21
 Schefferville
 eP 15 41 21
 Seven Falls
 eP 15 39 40
 Shawinigan Falls
 eP 15 40 02 d

OCTOBER 27
 Alberni
 iP 19 34 44.7
 iS 19 34 55.5
 Local shock

OCTOBER 27
 Halifax
 eP 19 59 00
 Ottawa
 iP 19 18 26
 Shawinigan Falls
 iP 19 58 42 d

OCTOBER 27
 Kirkland Lake
 eP 21 39 54
 Ottawa
 eP 21 40 55
 OCTOBER 28
 U.S.C.G.S.
 Fiji Islands
 H = 02 55 03
 Victoria
 eP 03 07 45

OCTOBER 28
 U.S.C.G.S.
 32S, 179W
 Kermadec Islands
 H - 03 28 41
 Halifax
 eP 03 47 48 d
 e 03 51 10
 eL 04 23.0
 Kirkland Lake
 eP' 03 47 28
 e 03 58.8
 Ottawa
 eP' 03 47 32
 i 03 47 49
 PP 03 49 23
 i 03 51 10
 PPP 03 51 37
 PKKP 03 57 34
 PS 03 59 08
 SS 04 05 24
 Resolute
 iP' 03 47 28
 PP 03 48 56
 SKS 03 54 23
 SKKS 03 55 51
 e 03 57 39
 PS 03 58 49
 e 04 03 10
 SS 04 05 25
 eL 04 17 24

SEISMOLOGICAL BULLETIN - 1956

| | | | | |
|-------------------|-------------|--------------------|----------------|------------------------|
| Seven Falls | | OCTOBER 29 | Seven Falls | |
| eP' | 03 47 08? c | Resolute | iP 15 51 10? c | |
| i | 03 47 28? | e | 03 34 15 | pP 15 51 30? |
| e | 03 49 30? | | | Shawinigan Falls |
| SKS | 03 04 06? | | | iP 15 51 38 d |
| SKKS | 03 55 45? | OCTOBER 29 | Victoria | |
| PS | 03 58 45? | Ottawa | iP 15 53 16.8 | |
| SS | 04 05 54? | eP | 07 10 35 | |
| Shawinigan Falls | | Seven Falls | | |
| eP' | 03 47 38 c | eP | 07 09 37? | OCTOBER 29 |
| i | 03 48 00 | | | U.S.C.G.S. |
| i | 03 51 19 | | | 22S, 177W |
| PPP | 03 51 45 | OCTOBER 29 | | Tonga Islands region |
| PKKP | 03 57 26 d | U.S.C.G.S. | | H = 22 33 49 |
| Victoria | | Dodeconese Islands | | Horseshoe Bay |
| eP | 03 42 04 | H = 07 34 57 | | iP 22 46 09 |
| S | 03 52 37 | Halifax | | |
| | | eP | 07 45 46 | |
| | | Ottawa | | |
| OCTOBER 28 | | iP | 07 46 30 d | OCTOBER 30 |
| U.S.C.G.S. | | Seven Falls | | U.S.C.G.S. |
| 17S, 173W | | iP | 07 45 33? | 66 1/2N, 17 1/2W |
| Tonga Islands | | Shawinigan Falls | | Near coast of northern |
| H = 06 42 52 | | eP | 07 46 15 d | Iceland |
| Resolute | | | | H = 00 11 03 |
| eL | 07 37 12 | | | Kirkland Lake |
| | | OCTOBER 29 | | eP 00 18 11 |
| OCTOBER 28 | | U.S.C.G.S. | | Ottawa |
| U.S.C.G.S. | | 8 1/2S, 77W | | eP 00 18 16 |
| 14N, 123 1/2E | | Central Peru | | Resolute |
| Luzon, Philippine | | H = 15 42 08 | | eP 00 16 32 |
| Islands | | Halifax | | eS 00 20 58 |
| H = 10 45 06 | | iP | 15 51 34 | eL 00 24 24 |
| Ottawa | | Horseshoe Bay | | Seven Falls |
| ePP | 11 05 23 | iP | 15 53 20.5 | eP 00 17 14? |
| Resolute | | Kirkland Lake | | Shawinigan Falls |
| iP | 10 58 00 c | iP | 15 51 48 c | eP 00 17 56 d |
| eS | 11 08 14 | e | 15 52 08 c | |
| eSS | 11 15 29 | e | 15 52 16 | |
| eL | 11 20 59 | e | 15 52 28 | |
| | | Ottawa | | |
| OCTOBER 28 | | iP | 15 51 29 d | OCTOBER 30 |
| Resolute | | ipP | 15 51 49 | Resolute |
| e(P) | 13 40 23 | Resolute | | e(P) 00 54 47 |
| | | iP | 15 54 33 c | e 01 27 04 |
| | | e | 16 17 24 | |
| | | e | 16 31 01 | OCTOBER 30 |
| | | | | Kirkland Lake |
| | | | | eP 14 38 16 |

DOMINION OBSERVATORIES

OCTOBER 30
 Horseshoe Bay
 iP 21 43 10.3
 iS 21 43 37.5
 Local shock

OCTOBER 31
 U.S.C.G.S.
 5N, 79W
 Off coast of Colombia
 H = 00 03 04
 Kirkland Lake
 eP 00 11 07

OCTOBER 31
 U.S.C.G.S.
 26 1/2N, 54 1/2E
 Southern Iran
 H = 14 03 38
 Halifax
 eP 14 16 46
 PP 14 20 20
 S 14 27 09
 Kirkland Lake
 eP 14 17 08
 Ottawa
 eP 14 17 06 d
 PP 14 21 09
 S 14 27 38
 PS 14 29 30
 PPS 14 30 20
 SS 14 35 04

Resolute
 eP 14 15 33 c
 iP 14 15 36 c
 e(PcP) 14 16 37
 ePP 14 18 18
 iS 14 25 14
 e 14 27 32
 eSS 14 31 14
 e 14 40 16

Saskatoon
 e 14 28 01
 Schefferville
 eP 14 16 19 c
 i 14 17 19

Seven Falls
 eP 14 16 13? d
 PP 14 19 53?
 SKS 14 26 42?
 PS 14 28 09?
 SS 14 34 28?
 G 14 39 57?

Shawinigan Falls
 eP 14 16 55 d
 Victoria
 S_cS 14 28 31

OCTOBER 31
 U.S.C.G.S.
 27N, 54 1/2E
 Iran aftershock
 H = 14 22 19
 Kirkland Lake
 eP 14 35 45
 Ottawa
 eP 14 35 47
 Resolute
 eP 14 34 13
 iP 14 34 16 c
 eS 14 44 03
 eSS 14 50 20
 Seven Falls
 eP 14 34 54?
 Shawinigan Falls
 eP 14 35 35

OCTOBER 31 *Benjamin Island*
 Ottawa
 iP_n 16 42 30
 S_n 16 42 47
 L 16 42 55
 D = 150 km

OCTOBER 31 *Benjamin Island*
 Ottawa
 iP_n 19 35 09
 S_n 19 35 26
 L 19 35 34
 D = 150 km

OCTOBER 31
 Alberni
 iP 22 24 34.5
 iS 22 24 53.6
 Horseshoe Bay
 iP 22 24 31.9
 i(S) 22 24 44.5
 Victoria
 iP 22 24 16.8
 iS 22 24 21.1

NOVEMBER 1
 U.S.C.G.S.
 27 1/2N, 54E
 Southern Iran aftershock
 H = 05 52 34
 Resolute
 eP 06 04 25
 eL 06 33 44

NOVEMBER 1
 Halifax
 iP 08 11 41 d
 Ottawa
 iP 08 11 37 d
 Shawinigan Falls
 eP 08 11 35 c

NOVEMBER 2
 U.S.C.G.S.
 39N, 23E
 Near east coast of
 Greece
 H = 16 04 30
 Halifax
 iP 16 14 52 d
 Kirkland Lake
 eP 16 15 42
 Ottawa
 eP 15 49 23 d
 Resolute
 iP 16 14 36 c
 Schefferville
 iP 16 14 38 d
 Shawinigan Falls
 eP 16 19 04 d

SEISMOLOGICAL BULLETIN - 1956

NOVEMBER 2

Ottawa
 iP_n 17 02 09
 S_n 17 02 26
 L 17 02 34
 D = 150 km

Benson's main blast

Schefferville
 e 05 45 11
 e 05 45 35
 Shawinigan Falls
 eP 05 33 36
 e 05 46 29

Horseshoe Bay
 iP 04 44 28.5
 iS 04 44 50.0
 Victoria
 iP 04 44 16.3
 iS 04 44 28.3
 Local shock

NOVEMBER 2

Ottawa
 iP_n 17 07 24
 S_n 17 07 24
 L 17 07 49
 D = 150 km

Benson's main blast

NOVEMBER 3

U.S.C.G.S.
 52N, 159E
 Near south coast of
 Kamchatka
 H = 10 04 02
 Resolute
 eP 10 12 14

NOVEMBER 4

U.S.C.G.S.
 35 1/2N, 140 1/2E
 Near east coast of
 Honshu, Japan
 H = 05 37 15
 Kirkland Lake
 eP 05 50 (06)

NOVEMBER 2

Banff
 iP 21 32 58
 iS 21 32 59
 Local shock

NOVEMBER 3

Alberni
 iP 18 57 45.9
 iS 18 58 03.4
 Horseshoe Bay
 iP 18 57 43.0
 iS 18 57 58.0
 Victoria
 iP 18 57 28.1
 iS 18 57 32.1
 Local shock

Ottawa
 eP 05 50 41
 Resolute
 iP 05 47 45 c
 Schefferville
 eP 05 50 00
 Shawinigan Falls
 eP 05 50 04
 Victoria
 iP 05 48 11.8

NOVEMBER 2

Banff
 iP 22 29 54
 iS 22 29 58
 Local shock

NOVEMBER 3

U.S.C.G.S.
 61N, 139W
 Southern Yukon,
 Canada
 H = 05 26 02
 Banff
 eP 05 30 49
 Horseshoe Bay
 eP 05 29 29
 e 05 33 33
 Kirkland Lake
 e 05 44 14
 Ottawa
 eP 05 33 30
 i 05 45 48
 Resolute
 eP 05 30 43
 eS 05 34 26
 eL 05 36 47

NOVEMBER 3

Alberni
 e 19 02 02.0
 e 19 02 19.0
 Horseshoe Bay
 e 19 01 59.2
 e 19 04 13.9
 Victoria
 iP 19 01 44.5
 iS 19 01 48.4
 Local shock

NOVEMBER 4

U.S.C.G.S.
 22S, 175W
 Tonga Islands
 H = 07 05 43
 Banff
 eP 07 18 41
 Halifax
 e(S) 07 36 02
 Horseshoe Bay
 eP 07 18 18
 Ottawa
 eP' 07 24 20
 Resolute
 eP' 07 23 49
 SKKS 07 33 57
 pPS 07 42 57
 eG 07 58 08
 Victoria
 eP 07 18 14

DOMINION OBSERVATORIES

NOVEMBER 4
U.S.C.G.S.
34S, 68W
Mendoza Province,
Argentina

H = 08 35 20

Kirkland Lake

eP 08 47 (49)

NOVEMBER 4

U.S.C.G.S.

Southern Quebec

Canada

H = 11 53 30

Halifax

e(S_n) 11 57 53

Kirkland Lake

e(S_n) 11 54 (27)

eS₁ 11 55 (15)

Ottawa

iP₁ 11 53 39

iS₁ 11 53 49

Schefferville

eP_n 11 56 01

eS₁ 11 58 44

Seven Falls

iP_n 11 53 43?

iS_n 11 54 21?

Shawinigan Falls

iP_n 11 54 01

i 11 54 05

iS_n 11 54 29

D = 280 km

NOVEMBER 4

Resolute

e(P) 19 59 08

NOVEMBER 4

U.S.C.G.S.

61N, 139W

Yukon, Canada

H = 21 40 55

Resolute

eP 21 45 36

eL 21 51 52

Victoria

eP

21 44 33

NOVEMBER 4

Alberni

iP

21 51 42.2

iS

21 51 49.5

Victoria

iP

21 51 45.5

iS

21 51 54.1

Local shock

NOVEMBER 5

Banff

iP

21 10 45.5

Local shock

NOVEMBER 5

Banff

iP

22 41 49.6

iS

22 41 53.4

Local shock

NOVEMBER 6

U.S.C.G.S.

Tonga Islands

H = 00 03 15

Victoria

eP

00 15 46.4

NOVEMBER 6

U.S.C.G.S.

5 1/2S, 134E

Aru Islands

H = 14 12 35

Halifax

eP'

14 32 06

Kirkland Lake

eP'

14 31 44

Ottawa

eP'

14 31 54

Resolute

eP

14 26 47

pP

14 30 46

ePPS

14 42 23

eSS

14 45 27

Seven Falls

eP'

14 31 13?

Shawinigan Falls

eP'

14 31 55

NOVEMBER 6

U.S.C.G.S.

52N, 176W

Andreanof Islands,

Aleutian Islands

H = 23 14 20

Banff

iP

23 21 30.7

NOVEMBER 7

Ottawa

iP_n

17 18 15

S_n

17 18 33

L

17 18 40

D = 160

NOVEMBER 8

U.S.C.G.S.

24S, 179E

Fiji Islands region

H = 03 45 51

Victoria

iP

03 57 50.9

NOVEMBER 8

U.S.C.G.S.

18S, 178W

Fiji Islands region

H = 06 50 24

Horseshoe Bay

iP

07 02 00

Victoria

iP

07 01 57.3

e(pP)

07 03 48.9

*Earthquake
46°13'±8"N
75°44'±8"W
about 16 miles
SE of Mandanaki, Yuk
Mag 4.0*

*Benares mine
blast*

SEISMOLOGICAL BULLETIN - 1956

NOVEMBER 8

U.S.C.G.S.
9N, 126E
Mindanao, Philippine
Islands
H = 15 44 50
Resolute
eP 15 58 04
iP 15 58 08 d

NOVEMBER 8

Horseshoe Bay
iP 23 13 35.1
iS 23 14 00.8
Victoria
iP 23 13 25.7
iS 23 13 43.1
Local shock

NOVEMBER 9

U.S.C.G.S.
36N, 34 1/2W
North Atlantic Ocean
H = 06 01 51
Halifax
iP 06 07 04 c
Kirkland Lake
eP 06 08 56
Resolute
eP 06 10 34 c
eS 06 17 36
eL 06 25 12
Shawinigan Falls
eP 06 08 06
PP 06 09 06

NOVEMBER 9

U.S.C.G.S.
17N, 94W
Southern Mexico
H = 13 06 10
Banff
eP 13 13 18
Halifax
eP 13 13 15
isP 13 13 49
iPP 13 14 48

Horseshoe Bay

iP 13 13 35.9
pP 13 14 07.5
S 13 19 31

Kirkland Lake

eP 13 12 34 c
i 13 12 37 d
Ottawa
iP 13 12 30
sP 13 13 01
e 13 13 20
PP 13 13 40
S 13 17 32
e 13 18 26
L 13 19 12

Resolute

eP 13 15 45 c
iP 13 15 46 d
ePPP 13 19 18
iS 13 23 36
eS_cS 13 25 25
ePKKP 13 25 25

Saskatoon

iP 13 13 05
iS 13 18 36

Schefferville

e 13 00 (00)
iP 13 00 (02.5) d
iPP 13 00 (37.5)
e 13 06 (13)

Seven Falls

eP 13 12 10?
i 13 12 14?
SP 13 12 47?
i 13 13 01?
PPP 13 13 28?
e 13 14 03?
e 13 14 34?
P_cP 13 14 41?
S 13 17 16?
e 13 18 17?
SSS 13 19 35?
L 13 20 36

Shawinigan Falls

eP 13 12 47
sP 13 13 21
PP 13 13 59
S 13 18 05
e 13 19 03
L 13 21 20

Victoria

eP 13 13 30
iP 13 13 32.7

NOVEMBER 10

U.S.C.G.S.
10 1/2N, 86W
Near coast of Costa
Rica
H = 00 08 27
Kirkland Lake
eP 00 15 37
Ottawa
iP 00 15 21
S 00 21 02
S_cS 00 26 02
L 00 27 15
Resolute
e 00 38.9
e 00 50.1

Seven Falls

eP 00 14 59
Shawinigan Falls
eP 00 15 36

NOVEMBER 10

Horseshoe Bay
iP 09 08 47.0
Victoria
iP 09 08 34.7
Local shock

NOVEMBER 10

U.S.C.G.S.
16N, 121E
Luzon, Philippine
Islands
H = 14 39 56
Horseshoe Bay
eP 14 53 18
Resolute
iP 14 52 43 d
eS 15 03 23
eL 15 32 13

DOMINION OBSERVATORIES

| | | |
|------------------|----------------------|----------------------|
| NOVEMBER 10 | NOVEMBER 13 | Victoria |
| Banff | U.S.C.G.S. | eP 01 04 39.4 |
| iP 20 24 35.1 | 48 1/2S, 124E | |
| Local shock | Indian Ocean, about | |
| | 1,000 miles south of | NOVEMBER 15 |
| | Australia | Alberni |
| NOVEMBER 11 | H = 09 55 29 | iP 12 40 19.4 |
| U.S.C.G.S. | Resolute | iS 12 40 50.4 |
| 44N, 149E | eP' 10 15 13 c | Local shock |
| Kurile Islands | iP' 10 15 18 c | |
| H = 19 15 20 | e 11 12 43 | |
| Halifax | | NOVEMBER 15 |
| iP 19 28 08 d | | U.S.C.G.S. |
| Horseshoe Bay | NOVEMBER 13 | 5S, 104 1/2W |
| iP 19 25 10.3 | U.S.C.G.S. | Galapagos Islands |
| Kirkland Lake | 15N, 123E | foreshock |
| eP 19 27 (23) c | Near coast of Luzon, | H = 14 17 19 |
| Ottawa | Philippine Islands | Resolute |
| iP 19 27 44 | H = 14 38 51 | eP 14 29 21 |
| Resolute | Resolute | eL 14 47 34 |
| iP 19 25 46 c | iP 14 51 41 c | |
| e 19 31 43 | | |
| eL 19 43 16 | | |
| Seven Falls | NOVEMBER 14 | NOVEMBER 15 |
| eP 19 26 58? | U.S.C.G.S. | U.S.C.G.S. |
| Shawinigan Falls | 36 1/2N, 71E | 3S, 103 1/2W |
| eP 19 27 45 | Hindu Kush | Pacific Ocean, about |
| Victoria | H = 00 51 27 | 900 miles west of |
| iP 19 25 14.1 | Banff | Galapagos Islands |
| | iP 01 04 29.8 | H = 17 25 55 |
| | Horseshoe Bay | Resolute Bay |
| | eP 01 04 34.6 | eP 17 39 53 |
| | Kirkland Lake | eS 17 49 52 |
| | eP 01 04 34 c | eL 18 01 00 |
| | Ottawa | |
| | iP 01 04 35 | NOVEMBER 15 |
| | Resolute | Banff |
| | iP 01 02 24 c | iP 23 22 47.3 |
| | esP 01 03 37 | eS 23 22 51.1 |
| | eS 01 11 16 | |
| | eSS 01 15 01 | |
| | eSSS 01 18 55 | |
| | e 01 25 18 | NOVEMBER 15 |
| | Seven Falls | Alberni |
| | eP 01 03 30? | iP 23 23 54.2 |
| | Shawinigan Falls | iS 23 24 08.7 |
| | eP 01 04 27 | |
| | PP 01 04 55 | |
| NOVEMBER 12 | | |
| Horseshoe Bay | | |
| iP 07 23 52 | | |
| i 07 26 28.8 | | |
| Victoria | | |
| iP 07 23 55.5 | | |
| NOVEMBER 13 | | |
| U.S.C.G.S. | | |
| 73N, 7E | | |
| Svalbard region | | |
| H = 02 58 37 | | |
| Resolute | | |
| eP 03 04 01 | | |

SEISMOLOGICAL BULLETIN - 1956

NOVEMBER 16

U.S.C.G.S.
35 1/2N, 121W
Near coast of
California
H = 03 23 05
Banff
eP 03 26 59
Horseshoe Bay
eP 03 26 25
Resolute
eP 03 30 52
eL 03 53

NOVEMBER 16

U.S.C.G.S.
Rat Islands,
Aleutian Islands
H = 06 23 10
Resolute
eP 06 30 49

NOVEMBER 16

Ottawa
P_n 07 18 10
S_n 07 18 28
Seven Falls
e(P_n) 07 17 49?
i(S_n) 07 18 23?
Shawinigan Falls
iP_n 07 18 21
iS_n 07 18 39
D = 160 km

NOVEMBER 16

U.S.C.G.S.
41N, 116W
Northeastern Nevada
H = 08 26 11
Banff
eP 08 28 42
e 08 31 33
Horseshoe Bay
eP 08 28 34

NOVEMBER 16

Resolute
eP 08 44 09

NOVEMBER 16

U.S.C.G.S.
4S, 139E
Central New Guinea
H = 08 48 14
Horseshoe Bay
iP 09 01 38.3
Resolute
eP 09 01 58
ePP 09 06 09

NOVEMBER 16

U.S.C.G.S.
14N, 123E
Southern Luzon,
Philippine Islands
H = 11: 43 35
Banff
e 12 03 39

NOVEMBER 16

U.S.C.G.S.
8 1/2N, 71W
Northwestern Venezuela
H = 11 53 54
Kirkland Lake
eP 12 01 38 c
Ottawa
eP 12 01 12
Seven Falls
eP 12 00 28?
Shawinigan Falls
eP 12 01 18
PP 12 03 03
PPP 12 03 33

NOVEMBER 16

U.S.C.G.S.
18S, 69W
Peru-Bolivia-Chile
border region
H = 22 02 19
Banff
iP 22 14 15.4
Ottawa
eP 22 12 38 d
Schefferville
iP 12 03 (30) d
i 12 05 (05) d
Seven Falls
iP 22 11 53? d
Shawinigan Falls
iP 22 12 45 c

NOVEMBER 16

Banff
iP 22 38 36.6
iS 22 38 40.4
Local shock

NOVEMBER 17

Horseshoe Bay
iP 16 12 35.5
iS 16 12 40.4
Local shock

NOVEMBER 17

Alberni
iP 17 26 03.6
iS 17 26 20.1
Horseshoe Bay
eP 17 26 11.6
eS 17 26 31.0
Victoria
iP 17 25 59.9
i 17 26 07.4

NOVEMBER 17

U.S.C.G.S.
27 1/2N, 126E
Ryukyu Islands region
H = 19 15 06

*Earthquake H=0717^h 46°12'N 126°
74°46'W ± 6
20 miles NW of
Agat, Saipan
May 29*

DOMINION OBSERVATORIES

| | | | | | |
|------------------|------------|------------------|------------|-------------------|------------|
| Resolute | | Schefferville | | Victoria | |
| eP | 19 26 20 | eP | 20 34 (36) | iP | 14 43 17.7 |
| | | eL | 20 46 (35) | iS | 14 43 33.4 |
| | | Seven Falls | | Local shock | |
| NOVEMBER 17 | | eP | 20 33 55? | | |
| Banff | | PP | 20 35 27? | NOVEMBER 18 | |
| iP | 20 12 14.2 | PPP | 20 35 51? | U.S.C.G.S. | |
| iS | 20 12 17.5 | P _c P | 20 36 03? | 27S, 176W | |
| Local shock | | S | 20 39 53? | Kermadec Islands | |
| | | SS | 20 42 19? | region | |
| NOVEMBER 17 | | S _c S | 20 43 57? | H = 18 16 25 | |
| U.S.C.G.S. | | e | 20 44 42? | Resolute | |
| 54 1/2N, 134W | | L | 20 45 23? | eSKKS | 18 42 47 |
| Queen Charlotte | | Shawinigan Falls | | SS | 18 51 38 |
| Islands region | | iP | 20 34 41 d | eL | 19 02 44 |
| H = 20 27 15 | | PP | 20 36 12 | | |
| Alberni | | P _c P | 20 37 02 | NOVEMBER 18 | |
| eP | 20 29 09 | S | 20 40 54 | U.S.C.G.S. | |
| e(S) | 20 30 32 | S _c S | 20 44 57 | 28 1/2N, 129 1/2E | |
| e | 20 31 07 | L | 20 47 06 | Ryukyu Islands | |
| Banff | | Victoria | | H = 21 22 38 | |
| iP | 20 30 06.6 | eP | 20 29 27.2 | Resolute | |
| eS | 20 33 07.3 | iS | 20 30 51.7 | iP | 21 34 09 c |
| Halifax | | | | eL | 22 00 26 |
| eL | 20 50 00 | NOVEMBER 18 | | | |
| Horseshoe Bay | | Banff | | NOVEMBER 19 | |
| eP | 20 29 20 | iP | 00 07 00.6 | U.S.C.G.S. | |
| S | 20 30 42 | Local shock | | 14N, 144E | |
| Kirkland Lake | | | | Marianas Islands | |
| eP | 20 33 58 | NOVEMBER 18 | | H = 12 02 26 | |
| iL | 20 44 39 | Horseshoe Bay | | Banff | |
| Ottawa | | iP | 03 57 32.8 | iP | 12 14 54.7 |
| iP | 20 34 32 d | iS | 03 57 56.5 | Horseshoe Bay | |
| PPP | 20 36 29 | Victoria | | eP | 12 14 37 |
| P _c P | 20 36 53 | iP | 03 57 21.9 | Resolute | |
| S | 20 40 24 | iS | 03 57 37.0 | iP | 12 14 51 d |
| S _c S | 20 45 02 | Local shock | | ePS | 12 26 06 |
| L | 20 46 08 | | | eL | 12 43 19 |
| e | 20 46 40 | NOVEMBER 18 | | Victoria | |
| i | 20 46 40 | Alberni | | eP | 12 14 34 |
| Resolute | | iP | 14 43 37.8 | | |
| iP | 20 32 46 c | eS | 14 44 06.8 | NOVEMBER 19 | |
| e | 20 34 06 | Horseshoe Bay | | Banff | |
| iS | 20 37 22 | iP | 14 43 25.8 | iP | 22 46 35.2 |
| eL | 20 38 50 | iS | 14 43 47.9 | | |
| Saskatoon | | | | | |
| iP | 20 31 03 | | | | |
| iS | 20 34 06 | | | | |
| i | 20 35 28 | | | | |
| i | 20 35 55 | | | | |

SEISMOLOGICAL BULLETIN - 1956

NOVEMBER 20

U.S.C.G.S.

7S, 129E

Banda Sea

H = 11 03 30

Ottawa

eP' 11 22 53 d

Schefferville

iP 11 (37.0) d

Seven Falls

eP' 11 21 54? d

Shawinigan Falls

eP' 11 22 52 d

NOVEMBER 20

U.S.C.G.S.

1/2S, 123 1/2E

Near east coast of

Celebes

H = 11 58 55

Kirkland Lake

eP' 12 17 46 d

Ottawa

eP' 12 17 54 d

iSKP 12 21 10 c

Seven Falls

eP' 12 16 55

iSKP 12 20 10 c

Shawinigan Falls

iP' 12 17 54 d

iSKP 12 21 10 c

NOVEMBER 20

U.S.C.G.S.

39 1/2N, 25 1/2E

Aegean Sea

H = 23 20 52

Halifax

eP 23 31 26

Ottawa

eP 23 32 09

Seven Falls

eP 23 30 44? c

Shawinigan Falls

eP 23 31 53

NOVEMBER 21

Schefferville

eP 00 (19.0) c

NOVEMBER 21

U.S.C.G.S.

49N, 141 1/2E

Off west coast of

Sakhalin

H = 06 22 10

Ottawa

eP 06 34 24 c

Resolute

iP 06 31 15 d

NOVEMBER 21

U.S.C.G.S.

38N, 142E

Near coast of northern

Honshu, Japan

H = 07 33 28

Banff

iP 07 44 26.1

Horseshoe Bay

iP 07 44 04.7

Kirkland Lake

eP 07 46 07 c

Ottawa

eP 07 46 25 c

Resolute

iP 07 43 41 c

ePPP 07 47 21

eS 07 51 56

eSS 07 55 52

eL 08 02 08

Seven Falls

eP 07 45 24

Shawinigan Falls

iP 07 46 25 c

Victoria

iP 07 44 06.9

NOVEMBER 21

U.S.C.G.S.

4S, 152 1/2E

Solomon Islands

H = 07 49 47

Schefferville

iP 08.5 d

NOVEMBER 21

Banff

iP 15 10 53.8

Local shock

NOVEMBER 21

Alberni

iP 22 02 21.4

iS 22 02 43

Horseshoe Bay

iP 22 03 04.9

iS 22 03 15.1

Victoria

iP 22 03 10.1

iS 22 03 23.6

Local shock

NOVEMBER 21

U.S.C.G.S.

15 1/2N, 99 1/2W

Near coast of Guerrero,

Mexico

H = 22 06 55

Resolute

eSS 22 27 48

eL 22 38 23

NOVEMBER 22

Alberni

iP 00 24 08.0

iS 00 24 30.3

Horseshoe Bay

iP 00 23 53.8

Victoria

iP 00 23 53.3

iS 00 24 03.8

Local shock

DOMINION OBSERVATORIES

| | | |
|------------------------------|---------------------------|------------------------|
| NOVEMBER 22 | Ottawa | Resolute |
| U.S.C.G.S. | eP 02 06 58 | eP 11 31 42 d |
| 8 1/2N, 82 1/2W | e 02 07 12 | eL 11 42 41 |
| Panama-Costa Rica | P _C P 02 07 29 | Horseshoe Bay |
| border | Seven Falls | eP 11 30 27 |
| H = 08 32 45 | eP 02 06 02? | Victoria |
| Ottawa | i 02 06 16 | eP 11 30 30 |
| iP 08 40 03 d | Shawinigan Falls | |
| Resolute | eP 02 07 03 | |
| e(S _C S) 08 55 46 | Victoria | NOVEMBER 25 |
| eL 09 00 30 | iP 02 08 40.9 | Kirkland Lake |
| | | e 11 43 40 |
| | | Trace of a local shock |
| NOVEMBER 22 | NOVEMBER 24 | NOVEMBER 25 |
| Banff | U.S.C.G.S. | U.S.C.G.S. |
| iP 22 00 34.0 | 26S, 176W | 17S, 71 1/2W |
| Local shock | Tonga Islands region | Near coast of southern |
| | H = 20 42 06 | Peru |
| NOVEMBER 22 | Resolute | H = 14 15 10 |
| Alberni | eL 21 30 19 | Banff |
| iP 22 56 12.2 | Victoria | iP 14 27 34.6 |
| iS 22 56 23.6 | eP 20 54 58 | Horseshoe Bay |
| | iS 21 05 55 | iP 14 27 16.8 |
| | | Kirkland Lake |
| NOVEMBER 23 | NOVEMBER 24 | iP 14 25 47 c |
| U.S.C.G.S. | Banff | i 14 26 02 c |
| 52 1/2N, 169 1/2W | iP 22 58 39.8 | Ottawa |
| Fox Islands, Aleutian | iS 22 58 40.7 | iP 14 25 27 c |
| Islands | Local shock | Seven Falls |
| H = 10 00 50 | | iP 14 20 30? c |
| Banff | NOVEMBER 25 | Shawinigan Falls |
| eP 10 10 08.4 | U.S.C.G.S. | iP 14 25 34 c |
| Ottawa | Tonga Islands | |
| eP 10 10 39 c | H = 07 21 36 | NOVEMBER 25 |
| | Ottawa | Resolute |
| NOVEMBER 24 | iP' 07 39 32 d | e 15 24 52 |
| U.S.C.G.S. | | e 15 28 42 |
| 22 1/2S, 67W | NOVEMBER 25 | Shawinigan Falls |
| Argentina-Bolivia | Halifax | iP' 15 25 02 d |
| border | eP 08 08 15 | |
| H = 01 56 06 | | NOVEMBER 25 |
| Horseshoe Bay | | U.S.C.G.S. |
| iP 02 08 41.3 | | 15S, 168E |
| i 02 09 12.4 | | New Hebrides Islands |
| Kirkland Lake | NOVEMBER 25 | H = 18 07 40 |
| eP 02 07 17 c | U.S.C.G.S. | |
| e 02 07 48 | 54N, 164W | |
| | Unimak Island region, | |
| | Aleutian Islands | |
| | H = 11 24 59 | |

SEISMOLOGICAL BULLETIN - 1956

| | | | | | |
|------------------|-------------|------------------|-------------|------------------|-------------|
| Horseshoe Bay | | Ottawa | | eS | 19 15 09 |
| iP | 18 20 25.3 | iS | 04 18 41 | eSS | 19 22 43 |
| Ottawa | | i | 04 19 14 | eSSS | 19 26 27 |
| iP' | 18 26 24 d | Seven Falls | | eG | 19 32 22 |
| Resolute | | e | 04 20 33? | Seven Falls | |
| e(S) | 18 35 10 | Shawinigan Falls | | iP | 19 00 06? c |
| e | 18 41 34 | eL | 04 20 12 | i | 19 00 21? |
| eL | 18 55 08 | i | 04 21 04 | pP | 19 00 27? |
| Seven Falls | | | | S | 19 09 30? |
| eP' | 18 25 21? c | | | S _c S | 19 10 00? |
| Shawinigan Falls | | NOVEMBER 26 | | Shawinigan Falls | |
| eP' | 18 26 27 | U.S.C.G.S. | | iP | 19 01 19 c |
| Victoria | | 1/2N, 122 1/2E | | i | 19 01 29 c |
| eP | 18 20 24 | Celebes | | pP | 19 01 35 c |
| | | H = 05 07 55 | | Victoria | |
| | | Ottawa | | iP | 19 02 38.4 |
| | | eP' | 05 27 11 | | |
| NOVEMBER 26 | | eSKP | 05 30 24 | | |
| Horseshoe Bay | | Seven Falls | | NOVEMBER 26 | |
| iP | 00 00 23.1 | eSKP | 05 29 14? | U.S.C.G.S. | |
| iS | 00 00 50.4 | Shawinigan Falls | | 22S, 169E | |
| Victoria | | SKP | 05 30 23 d | Loyalty Islands | |
| iP | 00 00 10.4 | | | H = 23 29 41 | |
| iS | 00 00 28.0 | | | Horseshoe Bay | |
| Local shock | | | | eP | 23 42 55 |
| | | NOVEMBER 26 | | Kirkland Lake | |
| | | Banff | | eP' | 23 48 36 |
| NOVEMBER 26 | | eP | 16 01 16 | Ottawa | |
| Horseshoe Bay | | | | iP' | 23 48 39 d |
| eP | 01 06 39 | | | Resolute | |
| Local shock | | NOVEMBER 26 | | eP' | 23 48 10 |
| | | U.S.C.G.S. | | eS | 23 56 09 |
| | | 26S, 70 1/2W | | PS | 23 58 35 |
| NOVEMBER 26 | | Northern Chile | | eSS | 24 03 42 |
| Horseshoe Bay | | H = 18 49 56 | | SSS | 24 07 47 |
| iP | 03 11 14.6 | Horseshoe Bay | | e | 24 12 04 |
| Resolute | | iP | 19 02 40.2 | eL | 24 23 09 |
| iP | 03 11 11 c | Kirkland Lake | | Seven Falls | |
| i | 03 11 39 | iP | 19 01 25 c | eP' | 23 47 36? d |
| | | e | 19 01 40 d? | SKKS | 23 56 24? |
| | | Ottawa | | PS | 23 59 25? |
| | | iP | 19 01 07 c | SS | 24 06 37? |
| | | i | 19 01 23 c | Shawinigan Falls | |
| | | PP | 19 01 29 c | iP' | 23 48 43 d |
| | | S | 19 10 20 | Victoria | |
| | | S _c S | 19 10 48 | eP | 23 42 52.8 |
| | | PS | 19 11 07 | iS | 23 53 31 |
| | | Resolute | | | |
| | | pP | 19 03 52 | | |
| | | PP | 19 07 53 | | |

DOMINION OBSERVATORIES

NOVEMBER 27

U.S.C.G.S.
21S, 168 1/2E
Loyalty Islands
aftershock
H = 00 51 46

Horseshoe Bay
eP 01 05 01
Victoria
eP 01 04 57

NOVEMBER 27

Ottawa
iP_n 01 57 05
i 01 57 10
iS_n 01 57 27
i 01 57 33
D = 205 km

NOVEMBER 27

Resolute
e 07 56 21
e 08 02 12

NOVEMBER 27

U.S.C.G.S.
21S, 169E
Loyalty Islands
aftershock
H = 13 19 05
Horseshoe Bay
eP 13 32 22
Resolute
ePP 13 48 09
eS 13 54 22
(SSS) 14 05 37
eL 14 20 29
Victoria
eP 13 32 21

NOVEMBER 27

Banff
iP 23 02 41.9
iS 23 02 42.8
Local shock

NOVEMBER 28

Horseshoe Bay
iP 09 21 11.9
i 09 22 01

NOVEMBER 28

U.S.C.G.S.
30S, 176W
Kermadec Islands
H = 15 11 33

Resolute
eP' 15 30 18
Victoria
eP 15 24 42

NOVEMBER 28

U.S.C.G.S.
49 1/2N, 155E
Northern Kurile
Islands
H = 19 27 11
Banff
iP 19 36 36
Horseshoe Bay
iP 19 36 12.7
eS 19 43 26
e 19 46 25

Kirkland Lake
iP 19 38 35 c
Ottawa
iP 19 38 59 c
P_cP 19 39 10
i 19 39 33
PP 19 41 40
S 19 48 38
S_cS 19 49 02
PS 19 49 12
PPS 19 49 29
SSS 19 57 10
L 20 02 20

Resolute

iP 19 35 52 c
e 19 37 20
iPP 19 37 45
iS 19 42 50
eS_cS 19 45 30
eL 19 46 45

Seven Falls

eP 19 37 47 c
S 19 47 28
Shawinigan Falls
iP' 19 39 01
pP 19 39 29
Victoria
iP 19 36 15.5
eS 19 43 32
e(SS) 19 46 29
e 19 51.9

NOVEMBER 29

U.S.C.G.S.
58S, 46 1/2W
South Orkney Islands
region
H = 04 13 35
Horseshoe Bay
iP 04 32 25.2
Resolute
iP' 04 32 50 d
iPP 04 35 39
Victoria
eP 04 32 25

NOVEMBER 29

Resolute
e 05 18 10
e 05 25 03

NOVEMBER 29

U.S.C.G.S.
27N, 141E
Bonin Islands
H = 07 16 07
Resolute
-eP 07 27 31

NOVEMBER 29

U.S.C.G.S.
27N, 141E
Bonin Islands
foreshock
H = 09 15 20

*mine blast south
of Watkinson N.Y.*

SEISMOLOGICAL BULLETIN - 1956

Banff
 eP 09 27 18
 Horseshoe Bay
 iP 09 26 56.9
 Resolute
 iP 09 26 49 d
 e(P_CP) 09 27 54
 PP 09 29 34
 PPP 09 31 17
 S 09 35 58
 SS 09 40 50
 eL 09 54 23
 Victoria
 iP 09 26 58.6
 eS 09 36 31

NOVEMBER 29
 U. S. C. G. S.
 27 1/2N, 141 1/2E
 Bonin Islands aftershock
 H = 14 36 20
 Resolute
 eP 14 47 47
 iP 14 47 55 d

NOVEMBER 30
 U. S. C. G. S.
 Near north coast of
 Vancouver Island,
 B. C., Canada
 H = 16 42 03
 Horseshoe Bay
 eP 16 43 05
 Resolute
 eL 16 56 41
 Victoria
 iP 16 43 06.8
 i(S) 16 44 37
 Local to the Western
 Division.

NOVEMBER 30
 Victoria
 iP 16 48 01.8

NOVEMBER 30
 U. S. C. G. S.
 20 1/2S, 174 1/2W
 Tonga Islands
 H = 16 51 28
 Banff
 iP 17 04 19
 Ottawa
 eP' 17 10 06
 Resolute
 eL 17 42 18

Subsidedo blast
 NOVEMBER 30 *in vt.*
 Ottawa
 iP_n 17 48 32
 iS_n 17 49 04
 D = 340 km
 Shawinigan Falls
 iP_n 17 48 23
 eS_n 17 48 47
 Shawinigan time
 correction uncertain.

NOVEMBER 30
 U. S. C. G. S.
 31 1/2S, 70W
 San Juan Province,
 Argentina
 H = 19 30 34
 Banff
 P 19 43 28
 Kirkland Lake
 eP 19 42 28.5 c
 i 19 42 29 d
 Ottawa
 iP 19 42 13 d
 P_CP 19 42 20
 Resolute
 ePP 19 48 49
 Seven Falls
 iP 19 41 03? d
 P_CP 19 41 09?
 Shawinigan Falls
 iP 19 42 18? d

DECEMBER 1
 U. S. C. G. S.
 22S, 169E
 Loyalty Islands
 H = 07 43 51
 Ottawa
 eP' 08 02 53

DECEMBER 1
 Alberni
 iP 08 26 34.8
 iS 08 26 51.1
 Horseshoe Bay
 iP 08 26 39.9
 iS 08 27 01.9
 Victoria
 iP 08 28 28.8
 iS 08 26 41.2
 Local shock

DECEMBER 1
 U. S. C. G. S.
 17 1/2S, 72 1/2W
 Off coast of southern
 Peru
 H = 21 24 54
 Banff
 iP 21 36 57 c
 Horseshoe Bay
 iP 21 37 09.5
 Kirkland Lake
 eP 21 35 43 c
 Resolute
 eP 21 38 11
 eL 22 05 56

DECEMBER 2
 U. S. C. G. S.
 18 1/2N, 69W
 Near east coast of
 Dominican Republic
 Victoria
 iP 01 55 06

DOMINION OBSERVATORIES

| | | | |
|----------------------------|----------------------------|----------|----------------------------|
| DECEMBER 2 | Banff | | Kirkland Lake |
| U.S.C.G.S. | eP | 07 19 11 | eP 07 54 (14) |
| 52 1/2N, 169W | | | Ottawa |
| Fox Islands foreshock | | | eP 07 54 46 |
| H = 02 59 56 | DECEMBER 3 | | Resolute |
| Banff | U.S.C.G.S. | | iP 07 51 58 |
| eP 03 06 28 | 53 1/2N, 169W | | iP _c P 07 54 11 |
| Kirkland Lake | Fox Islands Aleutian | | e 08 08 36 |
| eP 03 09 21 c | Islands | | ePKS 08 09 19 |
| Ottawa | H = 07 20 08 | | Schefferville |
| iP 03 09 48 c | Banff | | eP 07 c? |
| Resolute | eP 07 26 35 | | Seven Falls |
| iP 03 07 01 | Kirkland Lake | | eP 07 53 30? |
| eS 03 11 52 | eP 07 29 (45) c | | Shawinigan Falls |
| eS _c S 03 16 51 | Ottawa | | eP 07 54 (49) d |
| eL 03 22 57 | eP 07 29 56 | | |
| Shawinigan Falls | S 07 37 54 | | DECEMBER 4 |
| eP 03 09 (51) c | Resolute | | U.S.C.G.S. |
| Victoria | iP 07 27 10 d | | 50N, 156E |
| iP 03 05 57 | ePP 07 28 28 | | Kurile Islands |
| | eS 07 32 13 | | H = 08 44 28 |
| | e 07 33 44 | | Banff |
| | eS _c S 07 37 02 | | iP 08 54 44 |
| | eL 07 39 05 | | Kirkland Lake |
| DECEMBER 2 | Saskatoon | | e(P) 08 55 47 |
| U.S.C.G.S. | e 07 29 02 | | Resolute |
| 27 1/2N, 137 1/2E | Schefferville | | iP 08 53 02 d |
| Bonin Islands region | eP 07 d | | i 08 59 01 |
| H = 05 53 45 | Seven Falls | | eS 08 59 51 |
| Resolute | eP 07 28 42? d | | |
| eP 06 04 56 | S 07 36 44? | | DECEMBER 4 |
| | S _c S 07 38 41? | | Banff |
| DECEMBER 2 | SS 07 40 59? | | eP 08 59 09 |
| U.S.C.G.S. | SSS 07 43 10? | | |
| Tonga Islands | L 07 46 37? | | DECEMBER 4 |
| H = 16 33 36 | Shawinigan Falls | | U.S.C.G.S. |
| Resolute | eP 07 30 (00) | | 45 1/2S, 106W |
| e(P) 16 50 54 | Victoria | | South Pacific Ocean |
| e(S) 16 57 36 | eP 07 25 08 | | H = 10 07 54 |
| | eS _c S 07 31 46 | | Kirkland Lake |
| DECEMBER 3 | eS 07 30 56 | | eP 10 21 21 |
| Resolute | e 07 32.3 | | Resolute |
| iP 04 04 55 d? | eL 07 34.6 | | eP' 10 26 45 |
| e 04 12 19 | | | eS 10 35 44 |
| | DECEMBER 3 | | eSS 10 44 39 |
| DECEMBER 3 | U.S.C.G.S. | | |
| U.S.C.G.S. | 52 1/2N, 169W | | |
| 53N, 169W | Fox Islands aftershock | | |
| Fox Islands foreshock | H = 07 44 55 | | |
| H = 07 12 44 | | | |

SEISMOLOGICAL BULLETIN - 1956

| | | |
|------------------------|----------------------------|-----------------|
| DECEMBER 4 | Kirkland Lake | DECEMBER 5 |
| U.S.C.G.S. | eP 23 08 13 | Resolute |
| 53N, 169W | Ottawa | eP 18 08 08 |
| Fox Islands aftershock | iP 23 08 04 | |
| H = 10 42 10 | pP 23 08 23 | |
| Kirkland Lake | PP 23 09 24 | DECEMBER 5 |
| eP 10 51 29 | sPP 23 09 48 | Alberni |
| Resolute | S 23 13 20 | iP 23 04 07.3 |
| iP 10 49 11 d | e 23 13 44 | iS 23 04 26.0 |
| eP 10 49 57 | e 23 14 08 | Horseshoe Bay |
| eS 10 55 13 | e 23 15 00 | iP 23 03 51.6 |
| eL 10 58 31 | SS 23 15 35 | Victoria |
| Seven Falls | SSS 23 16 08 | iP 23 04 01.1 |
| eP 10 50 43? | L 23 16 32 | iS 23 04 13.6 |
| L 11 10 06? | Resolute | Local shock |
| Shawinigan Falls | eP 23 11 27 | |
| eP 10 52 (03) | eSP 23 12 09 | |
| | eP _C P 23 12 15 | DECEMBER 6 |
| | ePPP 23 14 57 | Alberni |
| | eS _C P 23 15 59 | iP 23 35 59.4 |
| DECEMBER 4 | eS 23 19 32 | iS 23 36 17.0 |
| Banff | eSS 23 19 32 | Victoria |
| iP 18 55 36.1 | eSSS 23 27 01 | iP 23 35 44.5 c |
| iS 18 55 39.4 | ePKKP 23 30 43 | iS 23 35 49.6 |
| Local shock | e 23 32 31 | Local shock |
| | Seven Falls | |
| | P 23 07 06? | |
| DECEMBER 4 | PP 23 08 35? | DECEMBER 6 |
| Banff | S 23 12 45? | Alberni |
| iP 20 32 16.7 | SS 23 15 33? | iP 23 37 03.5 |
| iS 20 32 20.0 | S _C S 23 17 15? | iS 23 37 17.9 |
| Local shock | L 23 19 08? | Victoria |
| | Shawinigan Falls | iP 23 36 48.8 |
| | iP 23 08 (22) d | iS 23 36 52.4 |
| DECEMBER 4 | pP 23 08 (43) | Local shock |
| Resolute | sP 23 08 (54) | |
| iP 21 11 31 c | PP 23 09 (48) | |
| | Victoria | |
| | iP 23 09 17.8 c | DECEMBER 7 |
| DECEMBER 4 | e 23 09 42 | U.S.C.G.S. |
| U.S.C.G.S. | L 23 24.0 | Sulu Sea |
| 15N, 92W | | H = 11 21 00 |
| Guatemala | | Resolute |
| H = 23 01 35 | | eP 11 34 23 |
| Banff | DECEMBER 5 | |
| eP 23 09 06 d? | U.S.C.G.S. | |
| Horseshoe Bay | Near coast of Colima, | DECEMBER 7 |
| iP 23 09 28 d | Mexico | Alberni |
| i 23 09 51. | H = 05 24 27 | iP 12 47 07.0 |
| i 23 10 09 | Resolute | iS 12 47 22.2 |
| | e 05 52 08 | |

DOMINION OBSERVATORIES

| | | |
|--------------------|----------------------------|--------------------------|
| Horseshoe Bay | Saskatoon | DECEMBER 9 |
| iP 12 47 04 | eS 16 24 46 | U.S.C.G.S. |
| iS 12 47 16 | Schefferville | Off east coast of |
| Local shock | eP 16 c | Kamchatka |
| | Seven Falls | H = 17 00 45 |
| | eP 16 19 28? | Resolute |
| DECEMBER 7 | PP 16 19 48? | eP 17 08 56 d? |
| U.S.C.G.S. | e 16 23 49? | |
| Near southeastern | e 16 25 35? | |
| Sumatra | S 16 28 03? | DECEMBER 10 |
| H = 14 30 24 | i 16 28 10? | U.S.C.G.S. |
| Banff | S _C S 16 29 33? | Bonin Islands |
| eP' 14 48 41 | SS 16 32 44? | H = 08 13 30 |
| | L 16 34 44? | Resolute |
| | Shawinigan Falls | eP 08 24 44 |
| DECEMBER 7 | eP 16 21 (01) | |
| Alberni | Victoria | |
| iP 23 43 22.6 | iP 16 17 24 | DECEMBER 10 |
| iS 23 43 38.2 | iS 16 23 00 | Alberni |
| Victoria | e 16 24 28 | eP 16 52 20.8 |
| iP 23 43 10.0 | L 16 25.6 | eS 16 52 31.2 |
| iS 23 43 11.5 | | Local shock |
| Local shock | | |
| | DECEMBER 8 | |
| DECEMBER 8 | Banff | DECEMBER 10 |
| U.S.C.G.S. | eP 16 24 00 | U.S.C.G.S. |
| 51N, 179 1/2W | | 15S, 152E |
| Andreanof Islands, | DECEMBER 9 | New Britain |
| Aleutian Islands | U.S.C.G.S. | H = 16 48 21 |
| H = 16 10 27 | 53N, 169W | Ottawa |
| Banff | Fox Islands aftershock | eP' 17 07 10 d |
| eP 16 17 59 c | H = 05 19 06 | Seven Falls |
| Halifax | Resolute | eP' 17 05 35? d |
| eP 16 21 34 | eP 05 26 10 | |
| Horseshoe Bay | eL 05 36 09 | DECEMBER 10 |
| iS 16 22 56 | | U.S.C.G.S. |
| L 16 33.1 | | Argentina - Chile border |
| Kirkland Lake | DECEMBER 9 | H = 23 15 00 |
| eP 16 20 28 c? | U.S.C.G.S. | Banff |
| Ottawa | 6S, 152E | eP 23 27 55 d |
| eP 16 20 56 d | New Britain | Halifax |
| Resolute | H = 11 28 29 | iP 23 26 05 d |
| iP 16 18 02 c | Resolute | Kirkland Lake |
| ePP 16 19 41 | e(SSS) 12 05 26 | iP 23 26 31 d |
| e 16 22 34 | | Ottawa |
| eS 16 23 54 | | iP 23 26 11 d |
| eL 16 27 28 | | Schefferville |
| | | iP 23 d |

SEISMOLOGICAL BULLETIN - 1956

| | | |
|---|--|--|
| Seven Falls
iP 23 24 42? d
P ₀ P 23 24 55? | DECEMBER 12
Resolute
eP 00 14 14 | DECEMBER 13
Alberni
iP 13 43 03.6
iS 13 43 12.2
Horseshoe Bay
iP 13 43 15.4
iS 13 43 34.6
Victoria
iP 13 43 11.4
iS 13 43 24.8
Local shock |
| DECEMBER 11
U.S.C.G.S.
Off east coast of
Kamchatka
H = 06 31 23
Banff
eP 06 40 40 c
Ottawa
iP 06 42 50 c
Resolute
eP 06 39 38
iP 06 39 48 d
Seven Falls
eP 06 41 23?
Shawinigan Falls
eP 06 43 (05)
Victoria
eP 06 40 10 | DECEMBER 12
Shawinigan Falls
eP 03 02 55

DECEMBER 12
U.S.C.G.S.
14N, 142E
Marianas Islands
H = 10 20 00
Resolute
iP 10 32 43 d

DECEMBER 12
U.S.C.G.S.
Formosa
H = 20 53 15
Resolute
eP 21 05 17 | DECEMBER 13
U.S.C.G.S.
2N, 126 1/2E
Moluaa Passage
H = 14 52 02
Resolute
eP 15 05 59

DECEMBER 13
U.S.C.G.S.
12N, 143E
Marianas Islands
H = 19 34 24
Banff
eP 19 46 19
Horseshoe Bay
eP 19 46 55
Resolute
iP 19 47 12 c
Victoria
eP 19 46 55 |
| DECEMBER 11
Alberni
iP 07 39 38.9?
iS 07 40 00.9?
Horseshoe Bay
eP 07 40 28
Victoria
eP 07 40 30.5
Local shock | DECEMBER 13
U.S.C.G.S.
31N, 115W
Lower California
H = 13 15 37
Banff
eP 13 20 18
Halifax
eL 13 38
Horseshoe Bay
eP 13 20 09
L 13 26.9
Ottawa
iP 13 22 21 d
L 13 33 40
Resolute
eP 13 23 57
e 13 32 52
e 13 38 54
eL 13 39 48
Shawinigan Falls
eP 13 22 (51)
Victoria
eP 13 20 00
L 13 26.1 | DECEMBER 14
Resolute
iP 17 42 45 d?

DECEMBER 14
Resolute
iP 18 25 35 c

DECEMBER 15
U.S.C.G.S.
About 300 miles north
of Galapagos Islands
H = 09 03 30
Kirkland Lake
eP 09 11 41 c |
| DECEMBER 11
Resolute
eP 08 53 24
<i>Bacon's mines blast.</i>
DECEMBER 11
Ottawa
iP _n 15 04 11
S _n 15 04 28
L 15 04 36
d = 150 km | | |

DOMINION OBSERVATORIES

DECEMBER 15
 Alberni
 iP 09 38 19.8
 iS 09 38 54.2
 Horseshoe Bay
 iP 09 38 25
 Victoria
 iP 09 38 06.2
 e 09 38 15.0
 i 09 38 31.8
 Local shock

DECEMBER 15
 U.S.C.G.S.
 2 1/2N, 128 1/2E
 Halmahera
 H = 13 50 56
 Resolute
 eP 14 04 22
 e 14 05 14

DECEMBER 15
 Resolute
 e(P) 16 28 34

DECEMBER 15
 U.S.C.G.S.
 13S, 167 1/2E
 New Hebrides
 H = 17 24 24
 Banff
 eP 17 37 24
 e 17 38 02
 Ottawa
 eP' 17 42 58
 Resolute
 eP 17 38 17
 e(PPP) 17 42 32
 Seven Falls
 iP' 17 41 25? d
 Shawinigan Falls
 iP' 17 43 (08) d

DECEMBER 16
 U.S.C.G.S.
 6 1/2N, 78W
 Near west coast of
 Colombia
 H = 01 41 52
 Banff
 eP 01 51 23 c
 Halifax
 iP 01 49 32 d
 Horseshoe Bay
 iP 01 51 44.1 c
 Kirkland Lake
 eP 01 49 41 d?
 Ottawa
 iP 01 49 21 d
 PPP 01 51 35
 S 01 55 22
 e 01 57 12
 e 01 57 50
 L 01 59 07
 Resolute
 eP 01 52 59 d
 iP 01 53 00 c
 iS 02 02 03
 eS_CS 02 03 05
 eL 02 13 23
 Seven Falls
 eP 01 48 01? c
 pP 01 48 18? c
 S 01 54 14?
 SS 01 57 14?
 L 02 01 44?
 Shawinigan Falls
 iP 01 49 (40) d
 pP 01 50 (23)
 Victoria
 iP 01 51 42 c

DECEMBER 16
 Alberni
 iP 19 46 06.6
 i 19 46 07.9
 iS 19 46 13.4
 Horseshoe Bay
 eP 19 46 25.1
 i 19 46 28.7
 iS 19 46 39.0

Victoria
 iP 19 46 23.5
 i 19 46 26.6
 iS 19 46 40.6

Local shock
 DECEMBER 18
 U.S.C.G.S.
 Bonin Islands
 H = 02 14 12
 Resolute
 eP 02 25 42

DECEMBER 18
 U.S.C.G.S.
 25 1/2S, 68 1/2W
 Chile - Argentina
 H = 02 31 00

Halifax
 iP 02 41 19 c
 e 02 42 26
 iS 02 51 29
 eL 02 59.5

Horseshoe Bay
 eP 02 43 56
 iS 02 54 22
 Kirkland Lake
 eP 02 42 38 c
 e(S) 02 52 06

Ottawa
 iP 18 05 29 d
 Resolute
 iP 02 44 56 d
 e 02 45 54
 ePP 02 48 38
 eS 02 56 08
 e 02 57.2
 eSS 03 03 05
 eL 03 20 04

Saskatoon
 i 02 53 50
 Seven Falls
 eP 02 40 49? c
 P_CP 02 41 05?
 sP 02 41 31?
 S 02 50 11?
 i 02 50 35?
 i 02 53 05?
 SSS 02 58 15?

SEISMOLOGICAL BULLETIN - 1956

Shawinigan Falls
iP 02 42 (34) c
P_cP 02 42 (52) c
PP 02 45 (20)
PPP 02 47 (07)

Victoria
iP 02 43 55
i 02 44 08
S 02 54 20
SS 03 00.6

DECEMBER 18
U.S.C.G.S.
30 1/2N, 35 1/2E
Israel-Jordan border
region
H = 17 53 00

Halifax
eP 18 04 40
i 18 04 50

Resolute
eP 18 04 11

Schefferville
iP 18 d

Seven Falls
eP 18 03 18?

Shawinigan Falls
iP 18 05 (22) d

DECEMBER 18
U.S.C.G.S.
36S, 77E
South Indian Ocean
H = 19 20 06

Halifax
iP 19 39 53 d

Kirkland Lake
eP' 19 40 39

Ottawa
eP₂' 19 40 36
PSKS 19 54 34

Resolute
e(P) 19 39 33

Seven Falls
eP₂' 19 38 23

Shawinigan Falls
eP₁' 19 40 (13)?
eP₂' 19 40 (34)

DECEMBER 18
Resolute
e 20 30 21
e 20 44 12

DECEMBER 18
U.S.C.G.S.
34 1/2N, 139E
Near south coast of
Honshu, Japan
H = 21 12 49

Kirkland Lake
eP 21 25 43
Ottawa
iP 21 26 03 c
Resolute
iP 21 23 24 c
Shawinigan Falls
iP 21 26 09 c

DECEMBER 19
U.S.C.G.S.
51 1/2N, 157E
Southern Kamchatka
H = 01 18 10
Banff
iP 01 27 18 c
i 01 27 31 c
Horseshoe Bay
eP 01 26 50

Kirkland Lake
eP 01 29 (20) c
Ottawa
eP 01 29 43 c

Resolute
iP 01 26 35 c
ePP 01 28 10
Seven Falls
iP 01 28 03? c
Shawinigan Falls
iP 01 29 52 c
iP_cP 01 30 06 c
Victoria
iP 01 26 57.3 c
i 01 27 11 c
e 01 28 22 d

DECEMBER 19
U.S.C.G.S.
29N, 139 1/2E
Bonin Islands region
H = 04 36 20

Banff
eP 04 47 24
Resolute
iP 04 46 51 d
Victoria
iP 04 47 06.9 d

DECEMBER 19
Resolute
eP 06 39 46
Alberni
iP 22 00 14.8
iS 22 00 16.2

DECEMBER 20
U.S.C.G.S.
27S, 176W
Kermadec Islands
H = 10 59 56
Horseshoe Bay
eP 11 12 56
Resolute
eP' 11 18 43
ePS 11 29 12
eL 12 09 30
Victoria
eP 11 12 56

DECEMBER 20
Victoria
i 12 13 34.7
Local shock

DECEMBER 20
Ottawa
iP_n 16 13 09
S_n 16 13 26
L 16 13 34
d = 150 km

Benson's minor shock

DOMINION OBSERVATORIES

| | | |
|-----------------------|---------------------------|------------------------|
| DECEMBER 20 | Halifax | DECEMBER 21 |
| U.S.C.G.S. | eP 09 07 08 d | Resolute |
| 46N, 150E | e 09 08 38 d | eP 11 28 10 |
| Kurile Islands | iS 09 13 40 | |
| H = 10 59 56 | e 09 21 52 | |
| Banff | Horseshoe Bay | DECEMBER 21 |
| iP 19 57 47 d | iP 09 00 11.4 | Resolute |
| Kirkland Lake | iP 09 00 12.8 | eP 17 29 58 |
| iP 19 59 42 c | i 09 01 14 | e 17 31 14 |
| Ottawa | Kirkland Lake | |
| eP 20 00 03 c | eP 09 05 (25) c? | |
| Resolute | Ottawa | DECEMBER 21 |
| iP 19 57 04 c | iP 09 06 00 | U.S.C.G.S. |
| Schefferville | i 09 07 05 | 34N, 140E |
| eP 19 d | S 09 11 40 | Near south coast of |
| Shawinigan Falls | e 09 13 05 | Honshu, Japan |
| iP 20 00 (11) c | SSS 09 15 02 | H = 18 11 07 |
| | S _c S 09 16 31 | Resolute |
| | L 09 17 40 | iP 18 21 53 d |
| DECEMBER 20 | Resolute | |
| U.S.C.G.S. | iP 09 04 43 d | |
| 54N, 161 1/2E | e 09 06 36 | DECEMBER 21 |
| Kamchatka | iS 09 09 46 | Banff |
| H = 23 57 36 | eL 09 13 15 | iP 19 41 13.0 |
| Resolute | Seven Falls | |
| eP 24 05 31 | eP 09 04 31? d | |
| | S 09 10 06? | DECEMBER 21 |
| | SS 09 12 21? | U.S.C.G.S. |
| | L 09 14 21? | 34N, 139E |
| DECEMBER 21 | Shawinigan Falls | South coast of Honshu, |
| U.S.C.G.S. | eP 09 06 (29) c | Japan |
| 28N, 96 1/2E | ipP 09 07 (07) | H = 20 10 06 |
| Burma-Pakistan border | S 09 12 (37) | Ottawa |
| H = 03 27 46 | SSS 09 15 (22) | eP 20 23 31 |
| Resolute | Victoria | Resolute |
| eP 03 39 45 | eP 09 00 17.6 | iP 20 20 51 c |
| | e 09 00 24.0 | eS 20 29 48 |
| | i 09 01 43 | eL 20 37 25 |
| | iS 09 01 26 | |
| DECEMBER 21 | DECEMBER 21 | DECEMBER 21 |
| U.S.C.G.S. | U.S.C.G.S. | Horseshoe Bay |
| 51N, 131W | About 300 miles off | iP 20 52 58.9 d |
| Queen Charlotte | south coast of Honshu, | e 20 54 06 |
| Islands | Japan | Victoria |
| H = 08 58 53 | H = 10 31 23 | iP 20 53 00.3 |
| Alberni | Resolute | iL 20 53 59.3 |
| iP 09 00 00.4 | iP 10 42 21 c | Local shock |
| i 09 00 05.1 | | |
| iS 09 01 07 | | |
| Banff | | |
| iP 09 01 15.4 c | | |
| iS 09 04 31.6 | | |

SEISMOLOGICAL BULLETIN - 1956

DECEMBER 21
Resolute
eP 20 59 30

DECEMBER 22
Alberni
iP 03 29 42.8
Horseshoe Bay
iP 03 29 56.0
i 03 31 14.3
e 03 31 15
Victoria
eP 03 29 59.9
iP 03 30 22.1
e 03 31 31.7
Local shock

DECEMBER 22
Resolute
e 03 43 16
e 03 45 27

DECEMBER 22
Resolute
eP 08 43 31

DECEMBER 22
Resolute
e(P) 11 37 59
e 12 10 38

DECEMBER 22
U.S.C.G.S.
29 1/2S, 177W
Kermadec Islands
H = 22 38 12
Halifax
iP' 22 57 14 c
Ottawa
eP' 22 57 00
Resolute
iP' 22 56 54

DECEMBER 22
U.S.C.G.S.
33 1/2N, 139E
Honshu aftershock
H = 23 12 35
Ottawa
eP 23 26 00
Resolute
iP 23 23 23 c
eP 23 23 53
eS 23 32 48
eSS 23 36 53
e 23 37 49
eL 23 46 51
Schefferville
eP 23 c

DECEMBER 23
Resolute
eP 06 19 58

DECEMBER 23
U.S.C.G.S.
22N, 144 1/2E
Marianas Islands
region
H = 08 37 26
Banff
iP 08 49 26 d
Horseshoe Bay
iP 08 49 26 d
Resolute
iP 08 49 11 d
eS 08 58 48
eSS 09 03 51
eL 09 13 36

DECEMBER 23
Resolute
eP 15 52 01

DECEMBER 23
Resolute
eP 17 38 28

DECEMBER 24
U.S.C.G.S.
Costa Rica-Nicaragua
border region
H = 04 34 20
Kirkland Lake
eP 04 40 37
Ottawa
eP 04 40 18
Schefferville
eP 04 c
Seven Falls
eP 04 39 51?
Shawinigan Falls
eP 04 41 (43) d

DECEMBER 24
Resolute
eP 05 23 06

DECEMBER 24
Resolute
iP 08 41 18 d

DECEMBER 24
Resolute
eP 09 11 17

DECEMBER 24
U.S.C.G.S.
Northern Mindanao,
Philippine Islands
H = 18 38 35
Resolute
iP 18 51 48 c
ePP 18 55 22

DECEMBER 24
Banff
iP 23 27 52.0
iS 23 27 53.6
Local shock

DOMINION OBSERVATORIES

DECEMBER 25
 Resolute
 iP 01 59 33 c
 e 02 02 18
 e(S) 02 04 00

DECEMBER 25
 Kirkland Lake
 eP 02 14 (53)
 Ottawa
 eP 02 15 24
 Seven Falls
 e(P) 02 13 10?
 e 02 13 58?
 Shawinigan Falls
 eP 02 15 (55)

DECEMBER 25
 U.S.C.G.S.
 48 1/2N, 28W
 North Atlantic Ocean
 H = 02 58 48
 Kirkland Lake
 eP 03 06 (19)
 Ottawa
 eP 03 15 19
 Resolute
 eP 03 06 06
 Seven Falls
 eP 03 02 53? c
 Shawinigan Falls
 eP 03 05 (10) c

DECEMBER 25
 U.S.C.G.S.
 Tonga Islands
 H = 04 29 53
 Banff
 iP 04 42 24
 Horseshoe Bay
 eP 04 42 00
 Victoria
 eP 04 41 59

DECEMBER 25
 U.S.C.G.S.
 48 1/2N, 28W
 North Atlantic Ocean
 H = 09 33 37

Banff
 eP 09 42 53 d
 Halifax
 iP 09 38 58 d
 eS 09 43 18
 eL 09 45 30
 Kirkland Lake
 eP 09 40 (02) c
 Ottawa
 eP 09 40 07 c
 pP 09 40 35
 e 09 41 07
 PP 09 41 20
 PPP 09 41 30
 S 09 45 28
 SS 09 47 30
 L 09 49 22

Resolute
 iP 09 40 52 d
 e 09 43 38
 iS 09 46 45
 eL 09 49 43
 Seven Falls
 eP 09 37 40? c
 pP 09 38 08?
 PP 09 38 37?
 e 09 38 50?
 S 09 42 34?
 e 09 43 19?
 SS 09 44 09?
 L 09 46 01?

Shawinigan Falls
 eP 09 39 (57) d
 pP 09 40 (24)
 i 09 40 (47)
 PP 09 41 (02)
 PPP 09 41 (11)
 e 09 41 (29)
 S 09 44 (57)

DECEMBER 26
 U.S.C.G.S.
 9 1/2S, 112E
 Off south coast of Java
 H = 07 34 18

Banff
 iP 07 59 29 d
 Horseshoe Bay
 eP 07 59 04
 Ottawa
 eP' 07 53 54 d
 Resolute
 eL 08 19 18
 Seven Falls
 eP' 07 51 56?

DECEMBER 26
 U.S.C.G.S.
 10S, 116E
 Santa Cruz Islands
 H = 07 46 24

Banff
 iP 07 59 29
 Horseshoe Bay
 eP 07 59 04
 Ottawa
 iP' 08 05 10 d
 Seven Falls
 eP' 08 03 22?
 Victoria
 eP 07 59 02
 L 08 24.2

DECEMBER 26
 Alberni
 iP 15 11 21.4
 iS 15 11 41.5
 Horseshoe Bay
 iP 15 11 24
 iS 15 11 47
 Victoria
 iP 15 11 12.6
 iS 15 11 25.9
 i 15 11 26.3
 Local shock

SEISMOLOGICAL BULLETIN - 1956

Benson's Minis blast
 DECEMBER 26
 Ottawa
 iP_n 18 22 19
 S_n 18 22 36
 L 18 22 44
 d = 150 km

DECEMBER 26

Banff
 eP 19 14 21
 Horseshoe Bay
 eP 19 14 38 d?
 Kirkland Lake
 eP 19 13 30
 Ottawa
 iP 19 13 20 d
 Seven Falls
 eP 19 11 53?
 Shawinigan Falls
 iP 19 13 37 d
 Victoria
 eP 19 14 30
 e 19 14 34

DECEMBER 26

Alberni
 eP 20 54 31.0
 Horseshoe Bay
 iP 20 54 43.7
 e 20 54 53.9
 Victoria
 iP 20 54 48.3
 iS 20 55 01.8
 i 20 55 02.2

DECEMBER 27

U.S.C.G.S.
 24S, 177W
 Tonga Islands region
 H = 00 14 15
 Banff
 iP 00 26 55
 Halifax
 eP' 00 32 42
 e 00 34 22
 SKS 00 39 26
 e 00 42 40
 e 00 46 38

Horseshoe Bay

eP 00 26 33.5 c?
 i 00 26 36.0
 iS 00 36 43
 i 00 36 59
 i 00 38 39

Kirkland Lake

eP' 00 32 29
 e 00 33 04
 Ottawa
 eP' 00 32 28 d
 PP 00 33 25
 e 00 34 37
 PPP 00 36 16
 SKS 00 38 05
 SKKS 00 40 07
 S 00 41 02
 e 00 42 21
 e 00 42 50
 e 00 43 10
 PPS 00 44 24
 e 00 45 24
 SS 00 49 02

Resolute

iP 00 28 22
 e 00 29 00
 e 00 32 13
 ePP 00 32 58
 ePPP 00 35 14
 eSKS 00 38 40
 PS 00 42 00
 (SS) 00 47 12

Saskatoon

i 00 37 35
 i 00 38 25

Seven Falls

eP' 00 30 40? d
 PP 00 31 56?
 e 00 33 10?
 e 00 33 42?
 SKS 00 37 14?
 e 00 37 42?
 SKKS 00 38 27?
 PS 00 40 53?
 e 00 42 40?
 e 00 43 29?
 e 00 45 14?
 SS 00 48 10?
 SSS 00 51 42?
 G 00 57 51?

Shawinigan Falls

eP' 00 32 32 d
 PP 00 33 34
 i 00 34 39
 PPP 00 36 28
 PS 00 43 09

Victoria

iP 00 26 30 d
 i 00 26 34
 i 00 27 00
 PP 00 29 49
 S 00 36 40
 i 00 37 10
 i 00 37 50
 i 00 38 07
 i 00 38 36
 SS 00 42.0

DECEMBER 27

U.S.C.G.S.
 37N, 29E
 Western Turkey
 H = 10 08 15
 Ottawa
 iP 10 19 46 d
 Seven Falls
 eP 10 17 28 d
 Shawinigan Falls
 eP 10 19 21 d

DECEMBER 27

U.S.C.G.S.
 7 1/2N, 126E
 Mindanao, Philippine
 Islands
 H = 21 31 28
 Resolute
 iP 21 44 49

DECEMBER 27

Alberni
 iP 23 37 21.3
 iS 23 37 30.5
 Local shock

H = 014125.3
Earthquake
45° 0' N ± 7'
74° 0' W ± 7'

DOMINION OBSERVATORIES

DECEMBER 28
Ottawa
iP_n 01 41 45.0
i 01 41 46.5
S_n 01 41 59.5
i 01 42 03.5
d = 120 km
Shawinigan Falls
i 01 42 19

St Lawrence River
mouth of River Beauport, Que
May 21

Shawinigan Falls
eP' 14 43 37 c
sP' 14 44 16 c
PP 14 46 23
SKP 14 46 57
PKS 14 47 35
Victoria
e(PP) 14 43 08
SKS 14 49 41
eL 15 14.6

DECEMBER 29
U.S.C.G.S.
5 1/2S, 151E
New Britain
H = 03 40 19
Ottawa
eP' 03 59 36

DECEMBER 28
Resolute
eP 06 18 27

DECEMBER 28
Resolute
eP 16 04 56
e 16 24 24

DECEMBER 29
U.S.C.G.S.
5S, 150E
New Britain
H = 06 51 08
Ottawa
iP' 07 10 10

DECEMBER 28
U.S.C.G.S.
38S, 167 1/2E
Near coast of North
Island, New Zealand
H = 14 24 45
Halifax

DECEMBER 28
U.S.C.G.S.
Off south coast of
Baja, California
H = 19 21 30
Halifax

DECEMBER
U.S.C.G.S.
Tonga Islands
H = 20 22 12
Halifax

PKS 14 47 59
eL 15 03.0
Kirkland Lake
eP' 14 43 (29) c?
ipP' 14 44 (08) c
Ottawa
iP' 14 43 33 c
isP' 14 44 11
PP 14 46 09
PKS 14 47 29
SS 15 03 32
SSS 15 08 40

Halifax
eL 19 39 32
Horseshoe Bay
eL 19 37.5
Kirkland Lake
eP 19 28 (31)
Ottawa
eP 19 28 38
PP 19 30 05
S 19 34 26
SS 19 37 02
L 19 40 24

eL 21 25.0
Horseshoe Bay
eP 20 34 48
Kirkland Lake
eL 21 20.0
Resolute
eS 20 48 45
eL 21 09 47
Victoria
eP 20 34 45
eL 21 04.8

Resolute
iP' 14 43 29 c
ipP' 14 44 08
eSP 14 55 28
e(G) 15 29 20
Seven Falls
eP' 14 41 43? c
SP' 14 42 22?
PP 14 44 33?
SKP 14 45 06?
pPKS 14 45 45?
SPKS 14 46 03?
SS 15 02 17?
SSS 15 07 21?

Resolute
iP 19 30 59 c
eS 19 38 28
eL 19 43 17
Seven Falls
eP 19 27 15? d
S 19 33 23?
SS 19 36 38?
L 19 37 58?
Shawinigan Falls
eP 19 29 00
PP 19 30 29
Victoria
eL 19 37.7

Benson Mines
Halifax
DECEMBER 30
Ottawa
iP_n 16 16 35
iS_n 16 16 52
L 16 17 00
d = 150 km

DECEMBER 30
U.S.C.G.S.
Greece
H = 18 24 30
Ottawa
eP 18 35 28

SEISMOLOGICAL BULLETIN - 1956

Seven Falls

eP 18 33 05? c

DECEMBER 30

U.S.C.G.S.

24N, 94 1/2E

India Burma border

H = 21 59 06

Resolute

iP 22 11 30 d

eS 22 21 48

DECEMBER 31

Alberni

iP 13 11 19.1

iS 13 11 23.3

Local shock

DECEMBER 31

Alberni

iP 21 17 51.5

iS 21 17 59.3

Local shock