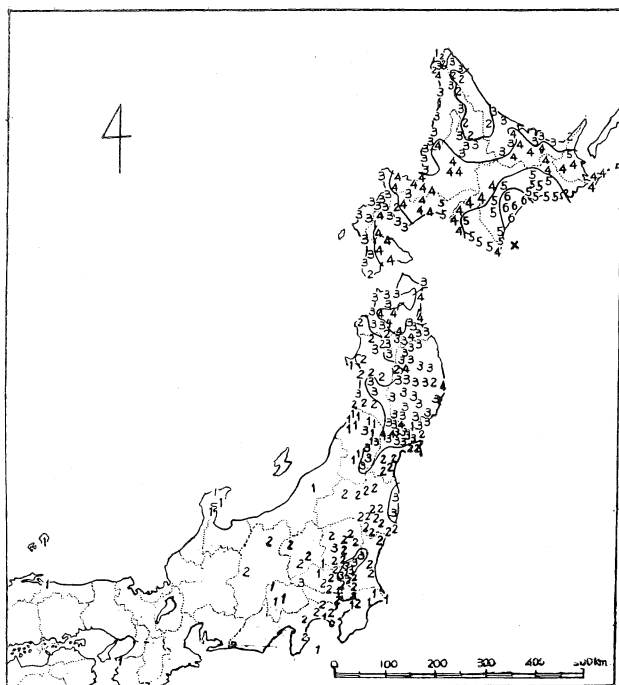


43. The Off Tokachi Earthquake, 1952



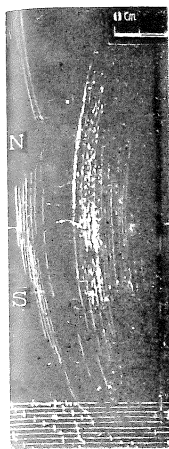
(March 4th, 10:23. $42^{\circ}09'N$,
 $143^{\circ}52'E$, $r=500$ km, $M=8.2$)

Damaged area was vast covering Tokachi, Kushiro and Hidaka Dists., Hokkaidō. The tsunami following the shock attained as high as 3-4 m at Kirittappu.

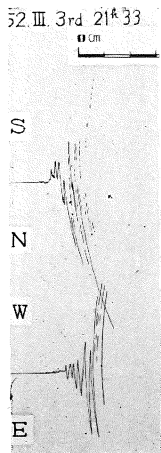
Severe damage was done to villages of Toyokoro, Urahoro and Otsu, by throwing down of houses of 5-15% in number of whole houses. Total damage were 28 dead, 287 injured, 5 missing, 815 completely destroyed houses, 7,324 half destroyed houses, 6,395 partially destroyed houses, 14 totally burnt, 91 washed away houses, 328 inundated houses, 1,621 inundated huts and numerous cases of damage of roads, railroad, ships, etc.

Seismographs

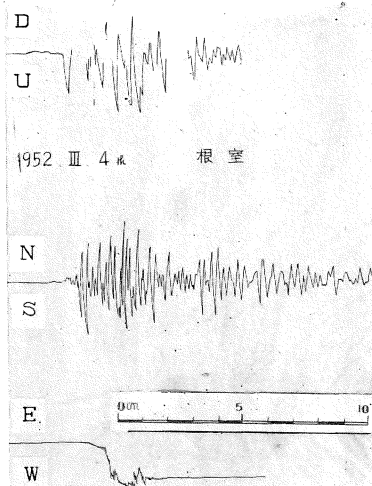
| No Fig. | Station | Int. | Inst. | Comp. | V | T | r | v | ps | No m. f. |
|---------|---------|------|-------|---------------|------------------|-------------------|----------------------------|---------------------|--------------|------------|
| 1 | Obihiro | V | P | { N E | 50 | 4.4 4.8 | 0.32 0.23 | | 19.5 | 494 |
| 2, 4 | Nemuro | IV | W | { H V | | | | | 30.5 24.5 | — |
| 3 | " | | S | | 1 | | | | 25.5 | — |
| 5 | Kushiro | IV | P | { N E | 40 | 4.1 | 0.01 0.02 | 6.7 7.7 | 25.6 | 490 |
| 6 | " | | S | { N E V | 1 | 6.2 6.2 6.0 | 0.002 0.001 0.002 | 10.5 13.5 5.4 | 32.5 | 491 |
| 7 | Mori | IV | S | | 2 | | | | 24.0 | 486 |
| 8 | Sapporo | IV | O | { N E | 15 | 16.3 16.5 | 1.0 0.7 | 2 | 25.0 25.0 | 492 493 |
| 9, 10 | " | | W | { N E V | 124 120 75 | 5.1 5.1 — | 0.4 0.4 0.7 | 6.5 7.5 2.8 | 26.5 26.0 | 414 416 |
| 11 | " | | S | H, V | 1 | | | | 25.6 | 337 |
| 12 | Urakawa | V | P | { N E | 50 | 4.4 4.8 | | | 33.5 | 488 |
| 13 | Miyako | IV | S | { N E V | 1 | 5.8 6.0 4.9 | 0.0003 0.0004 0.0021 | 7.4 6.8 7.4 | 28.5 | 503 |
| 14, 15 | | | W | { N E V | 96 94 51 | 5.2 5.0 5.0 | 0.009 | 6.4 5.6 4.7 | 29.2 28.8 | 420 |



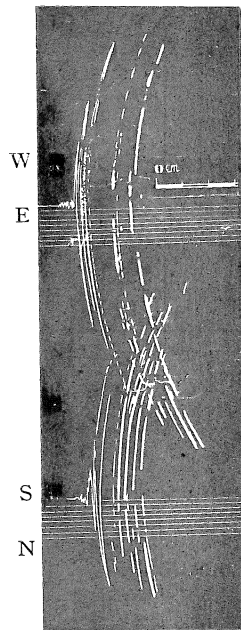
1. Obihiro (P)



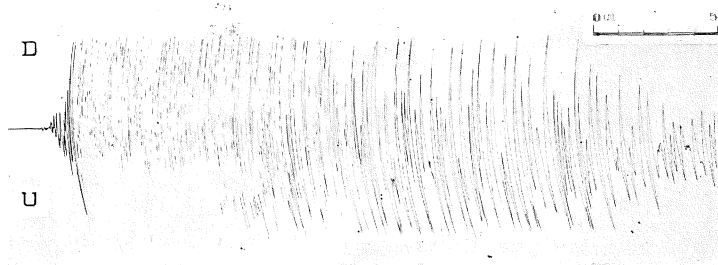
2. Nemuro (WH)



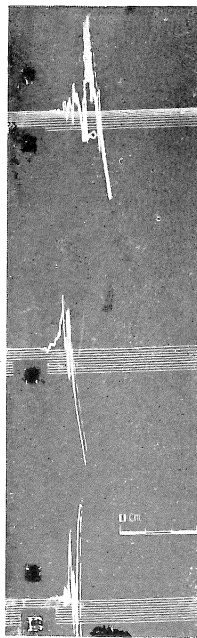
3. Nemuro (S)



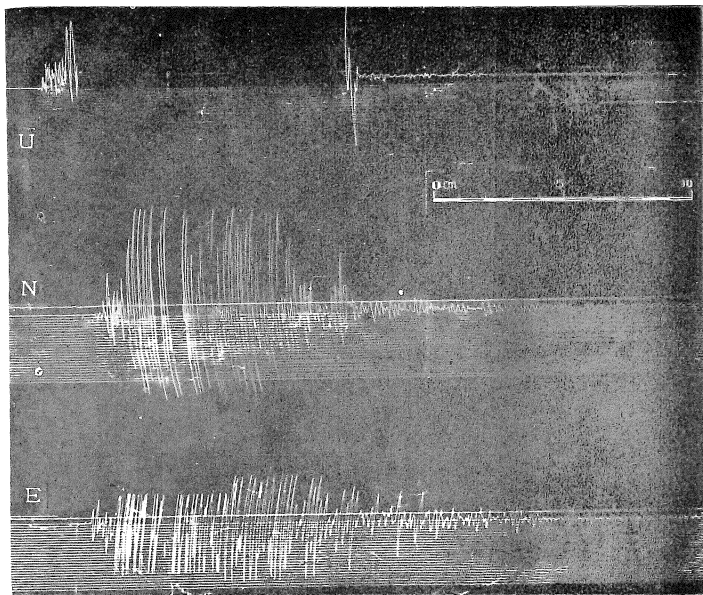
5. Kushiro (P)



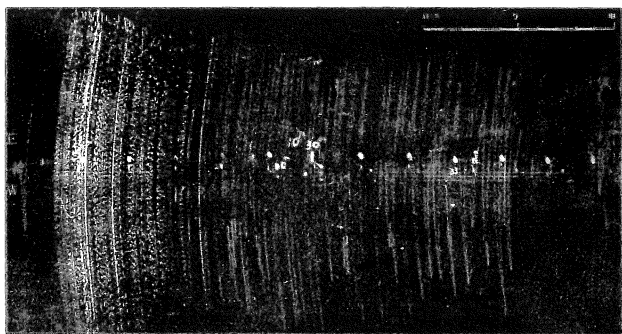
4. Nemuro (WV)



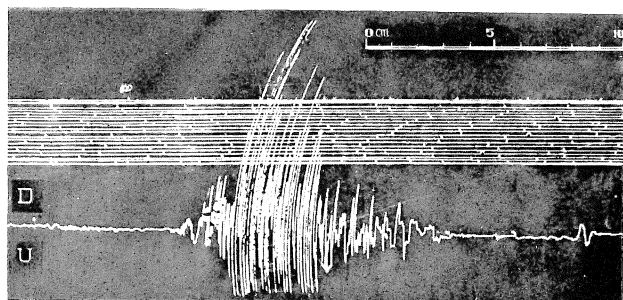
6. Kushiro (S)



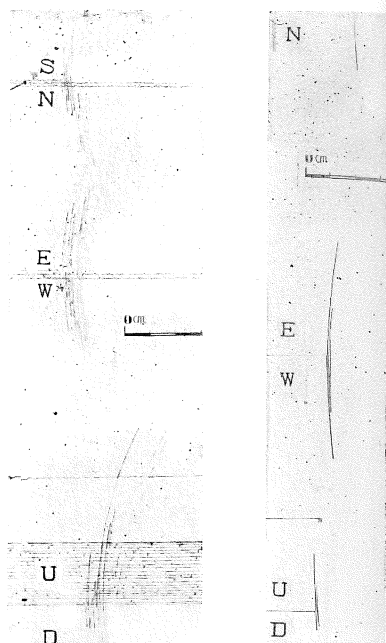
7. Mori (S)



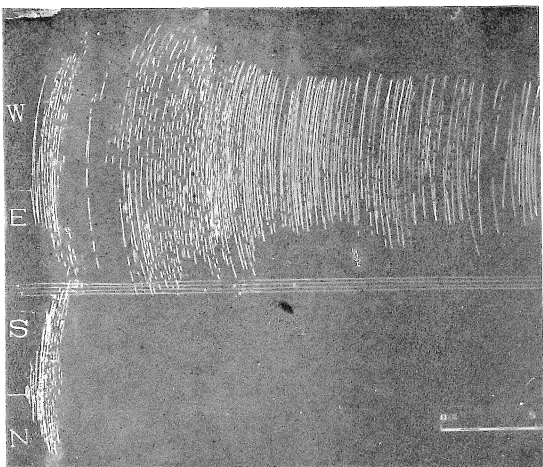
8. Sapporo (OE)



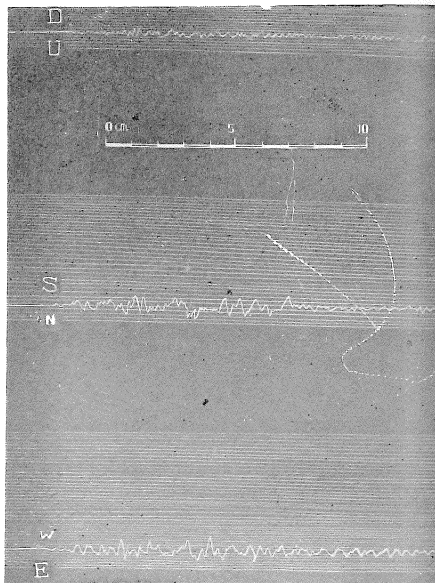
9. Sapporo (WV)



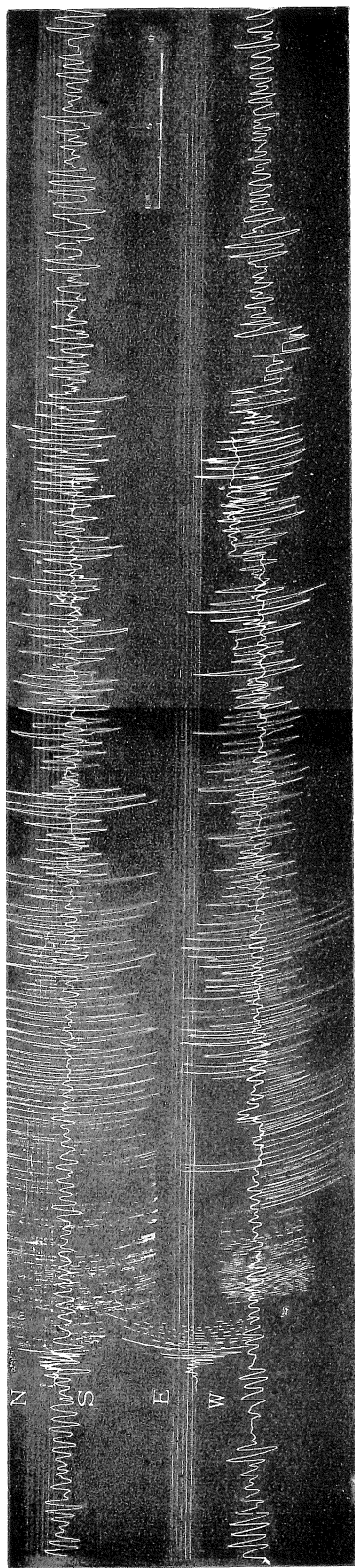
11. Sapporo (S)



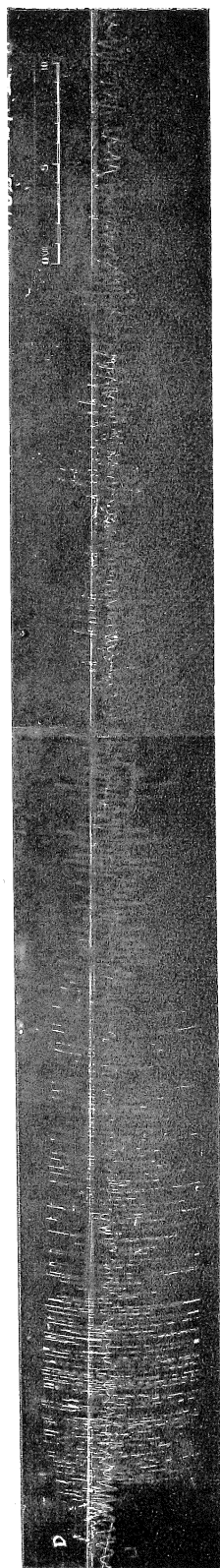
12. Urakawa (P)



13. Miyako (S)



14. Miyako (WH)



15. Miyako (WV)