

表 - 8.32(a) 相馬 波高・周期別出現頻度統計 (2003年12月~2004年2月)

2003年12月~2004年2月(冬)

波高・周期別度数分布表 (有義波)

観測地点: 相馬

| 波高 | 周期 | ~ 3 | 3 ~ 4 | 4 ~ 5 | 5 ~ 6 | 6 ~ 7 | 7 ~ 8 | 8 ~ 9 | 9 ~ 10 | 10 ~ 11 | 11 ~ 12 | 12 ~ 13 | 13 ~ 14 | 14 ~ 15 | 15 ~ 16 | 16 ~ 17 | 17 ~ 18 | 18 ~ 19 | 19 ~ | 合計 | 未超過 (0.1%) | 補足1 | | 補足2 | |
|-----------|----|-----|-------|-------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|---------------|--------|--------|--------|-----|
| | | (0) | (6) | (62) | (126) | (208) | (307) | (410) | (556) | (681) | (799) | (912) | (985) | (999) | (1000) | (1000) | (1000) | (1000) | (1000) | | | (1000) | (1000) | 合計 | 未超過 |
| 1201~ | | 0 | | | | | | | | | | | | | | | | | | 0 | 1092 | 0 | 1092 | 0 | |
| 1101~1200 | | 0 | | | | | | | | | | | | | | | | | | 0 | 1092 | 0 | 1092 | 0 | |
| 1001~1100 | | 0 | | | | | | | | | | | | | | | | | | 0 | 1092 | 0 | 1092 | 0 | |
| 901~1000 | | 0 | | | | | | | | | | | | | | | | | | 0 | 1092 | 0 | 1092 | 0 | |
| 801~900 | | 0 | | | | | | | | | | | | | | | | | | 0 | 1092 | 0 | 1092 | 0 | |
| 701~800 | | 0 | | | | | | | | | | | | | | | | | | 0 | 1092 | 0 | 1092 | 0 | |
| 651~700 | | 0 | | | | | | | | | | | | | | | | | | 0 | 1092 | 0 | 1092 | 0 | |
| 601~650 | | 0 | | | | | | | | | | | | | | | | | | 0 | 1092 | 0 | 1092 | 0 | |
| 551~600 | | 0 | | | | | | | | | | | | | | | | | | 0 | 1092 | 0 | 1092 | 0 | |
| 501~550 | | 0 | | | | | | | | | | | | | | | | | | 0 | 1092 | 0 | 1092 | 0 | |
| 451~500 | | 0 | | | | | | | | | | | | | | | | | | 0 | 1092 | 0 | 1092 | 0 | |
| 401~450 | | 0 | | | | | | | | | | | | | | | | | | 0 | 1092 | 0 | 1092 | 0 | |
| 351~400 | | 0 | | | | | | | | | | | | | | | | | | 0 | 1092 | 0 | 1092 | 0 | |
| 301~350 | | 0 | | | | | | | | | | 1 | 4 | | | | | | | 5 | 1092 | 5 | 1092 | 5 | |
| 251~300 | | 0 | | | | | | | | 2 | 4 | 3 | 10 | 3 | | | | | | 22 | 1087 | 22 | 1087 | 22 | |
| 201~250 | | 0 | | | | | 3 | 5 | 14 | 21 | 8 | 5 | 13 | 2 | | | | | | (20) | (995) | (20) | (995) | (20) | |
| 176~200 | | 0 | | | | | 1 | 3 | 6 | 3 | 7 | 9 | 11 | 4 | | | | | | (40) | (910) | (40) | (910) | (40) | |
| 151~175 | | 0 | | | | | 6 | 5 | 16 | 5 | 17 | 11 | 12 | 2 | 1 | | | | | (69) | (870) | (69) | (870) | (69) | |
| 126~150 | | 0 | | | 2 | 1 | 2 | 8 | 11 | 11 | 15 | 23 | 8 | 2 | | | | | | (76) | (801) | (76) | (801) | (76) | |
| 101~125 | | 0 | | | 2 | 4 | 11 | 17 | 25 | 17 | 20 | 9 | 1 | | | | | | | (97) | (725) | (97) | (725) | (97) | |
| 76~100 | | 0 | | 3 | 4 | 13 | 15 | 13 | 36 | 25 | 20 | 27 | 6 | 1 | | | | | | (149) | (628) | (149) | (628) | (149) | |
| 51~75 | | 0 | | 4 | 30 | 24 | 25 | 30 | 25 | 28 | 32 | 36 | 24 | 7 | | | | | | (243) | (479) | (243) | (479) | (243) | |
| 26~50 | | 0 | | 3 | 28 | 40 | 48 | 47 | 43 | 31 | 13 | 4 | 1 | | | | | | | (236) | (236) | (236) | (236) | (236) | |
| ~ 25 | | 0 | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | |
| 合計 | | 0 | 7 | 61 | 70 | 89 | 108 | 113 | 159 | 137 | 128 | 124 | 80 | 15 | 1 | 0 | 0 | 0 | 0 | 1092 | | 1092 | | 1092 | |
| 未超過 | | 0 | 7 | 68 | 138 | 227 | 335 | 448 | 607 | 744 | 872 | 996 | 1076 | 1091 | 1092 | 1092 | 1092 | 1092 | 1092 | (1000) | | (1000) | | (1000) | |
| (0.1%) | | (0) | (6) | (62) | (126) | (208) | (307) | (410) | (556) | (681) | (799) | (912) | (985) | (999) | (1000) | (1000) | (1000) | (1000) | (1000) | | | | | | |

表 - 8.32(b) 相馬 波高・周期別出現頻度統計 (2004年3月~2004年5月)

2004年3月~2004年5月(春)

波高・周期別度数分布表 (有義波)

観測地点: 相馬

| 波高 | 周期 | ~ 3 | 3 ~ 4 | 4 ~ 5 | 5 ~ 6 | 6 ~ 7 | 7 ~ 8 | 8 ~ 9 | 9 ~ 10 | 10 ~ 11 | 11 ~ 12 | 12 ~ 13 | 13 ~ 14 | 14 ~ 15 | 15 ~ 16 | 16 ~ 17 | 17 ~ 18 | 18 ~ 19 | 19 ~ | 合計 | 未超過 (0.1%) | 補足1 | | 補足2 | |
|-----------|----|-----|-------|-------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|---------------|--------|--------|--------|--------|
| | | (0) | (2) | (37) | (111) | (146) | (205) | (196) | (131) | (92) | (37) | (24) | (7) | (1) | (0) | (0) | (0) | (0) | (0) | | | (1000) | (1000) | (1000) | (1000) |
| 1201~ | | 0 | | | | | | | | | | | | | | | | | | 0 | 1104 | 0 | 1104 | 0 | |
| 1101~1200 | | 0 | | | | | | | | | | | | | | | | | | 0 | 1104 | 0 | 1104 | 0 | |
| 1001~1100 | | 0 | | | | | | | | | | | | | | | | | | 0 | 1104 | 0 | 1104 | 0 | |
| 901~1000 | | 0 | | | | | | | | | | | | | | | | | | 0 | 1104 | 0 | 1104 | 0 | |
| 801~900 | | 0 | | | | | | | | | | | | | | | | | | 0 | 1104 | 0 | 1104 | 0 | |
| 701~800 | | 0 | | | | | | | | | | | | | | | | | | 0 | 1104 | 0 | 1104 | 0 | |
| 651~700 | | 0 | | | | | | | | | | | | | | | | | | 0 | 1104 | 0 | 1104 | 0 | |
| 601~650 | | 0 | | | | | | | | | | | | | | | | | | 0 | 1104 | 0 | 1104 | 0 | |
| 551~600 | | 0 | | | | | | | | | | | | | | | | | | 0 | 1104 | 0 | 1104 | 0 | |
| 501~550 | | 0 | | | | | | | | | | | | | | | | | | 0 | 1104 | 0 | 1104 | 0 | |
| 451~500 | | 0 | | | | | | | | | | | | | | | | | | 0 | 1104 | 0 | 1104 | 0 | |
| 401~450 | | 0 | | | | | | | | | | | | | | | | | | 0 | 1104 | 0 | 1104 | 0 | |
| 351~400 | | 0 | | | | | | | | | | | | | | | | | | 0 | 1104 | 0 | 1104 | 0 | |
| 301~350 | | 0 | | | | | | | | | | | | | | | | | | 0 | 1104 | 0 | 1104 | 0 | |
| 251~300 | | 0 | | | | | | | 1 | 1 | 2 | | | | | | | | | 3 | 1104 | 3 | 1104 | 3 | |
| 201~250 | | 0 | | | | | 2 | 1 | 5 | 7 | 6 | 1 | 2 | 3 | | | | | | (24) | (997) | (24) | (997) | (24) | |
| 176~200 | | 0 | | | 2 | 1 | 1 | 2 | 3 | 1 | 1 | 1 | 2 | | | | | | | (12) | (973) | (12) | (973) | (12) | |
| 151~175 | | 0 | | | 4 | 3 | 3 | 14 | 29 | 22 | 5 | 9 | 5 | 1 | 1 | | | | | (32) | (961) | (32) | (961) | (32) | |
| 126~150 | | 0 | | | 9 | 9 | 7 | 14 | 29 | 22 | 5 | 9 | 5 | 1 | 1 | | | | | (95) | (929) | (95) | (929) | (95) | |
| 101~125 | | 0 | | 4 | 26 | 20 | 36 | 30 | 31 | 25 | 11 | 2 | | 2 | | | | | | (169) | (834) | (169) | (834) | (169) | |
| 76~100 | | 0 | | 17 | 39 | 57 | 103 | 91 | 34 | 23 | 6 | | 3 | | | | | | | (338) | (665) | (338) | (665) | (338) | |
| 51~75 | | 0 | | 1 | 18 | 36 | 62 | 65 | 65 | 33 | 14 | 6 | 2 | 1 | | | | | | (274) | (327) | (274) | (327) | (274) | |
| 26~50 | | 0 | | 1 | 12 | 7 | 12 | 10 | 14 | 10 | 2 | | | | | | | | | (53) | (53) | (53) | (53) | (53) | |
| ~ 25 | | 0 | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | |
| 合計 | | 0 | 2 | 41 | 123 | 161 | 226 | 216 | 145 | 102 | 41 | 26 | 12 | 8 | 1 | 0 | 0 | 0 | 0 | 1104 | | 1104 | | 1104 | |
| 未超過 | | 0 | 2 | 43 | 166 | 327 | 553 | 769 | 914 | 1016 | 1057 | 1083 | 1095 | 1103 | 1104 | 1104 | 1104 | 1104 | 1104 | (1000) | | (1000) | | (1000) | |
| (0.1%) | | (0) | (2) | (39) | (150) | (296) | (501) | (697) | (828) | (920) | (957) | (981) | (992) | (999) | (1000) | (1000) | (1000) | (1000) | (1000) | | | | | | |

表 - 8.32(e) 相馬 波高・周期別出現頻度統計 (2004年1月~2004年12月)

2004年 1月~2004年12月(年)

波高・周期別度数分布表 (有義波)

観測地点: 相馬

| 波高 | 周期 | ~ 3 | 3 ~ 4 | 4 ~ 5 | 5 ~ 6 | 6 ~ 7 | 7 ~ 8 | 8 ~ 9 | 9 ~ 10 | 10 ~ 11 | 11 ~ 12 | 12 ~ 13 | 13 ~ 14 | 14 ~ 15 | 15 ~ 16 | 16 ~ 17 | 17 ~ 18 | 18 ~ 19 | 19 ~ | 合計 | 未超過 | 補足1 | 補足2 | | |
|-------------|----|-----|-------|-------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|
| | | | | | | | | | | | | | | | | | | | | | | 合計 | 未超過 | 合計 | 未超過 |
| 1201 ~ | | | | | | | | | | | | | | | | | | | | 0 | 4335 | 4335 | 4335 | 4335 | |
| | | | | | | | | | | | | | | | | | | | | (0) | (1000) | (1000) | (1000) | (1000) | |
| 1101 ~ 1200 | | | | | | | | | | | | | | | | | | | | 0 | 4335 | 4335 | 4335 | 4335 | |
| | | | | | | | | | | | | | | | | | | | | (0) | (1000) | (1000) | (1000) | (1000) | |
| 1001 ~ 1100 | | | | | | | | | | | | | | | | | | | | 0 | 4335 | 4335 | 4335 | 4335 | |
| | | | | | | | | | | | | | | | | | | | | (0) | (1000) | (1000) | (1000) | (1000) | |
| 901 ~ 1000 | | | | | | | | | | | | | | | | | | | | 0 | 4335 | 4335 | 4335 | 4335 | |
| | | | | | | | | | | | | | | | | | | | | (0) | (1000) | (1000) | (1000) | (1000) | |
| 801 ~ 900 | | | | | | | | | | | | | | | | | | | | 0 | 4335 | 4335 | 4335 | 4335 | |
| | | | | | | | | | | | | | | | | | | | | (0) | (1000) | (1000) | (1000) | (1000) | |
| 701 ~ 800 | | | | | | | | | | | | | | | | | | | | 0 | 4335 | 4335 | 4335 | 4335 | |
| | | | | | | | | | | | | | | | | | | | | (0) | (1000) | (1000) | (1000) | (1000) | |
| 651 ~ 700 | | | | | | | | | | | | | | | | | | | | 0 | 4335 | 4335 | 4335 | 4335 | |
| | | | | | | | | | | | | | | | | | | | | (0) | (1000) | (1000) | (1000) | (1000) | |
| 601 ~ 650 | | | | | | | | | | | | | | | | | | | | 0 | 4335 | 4335 | 4335 | 4335 | |
| | | | | | | | | | | | | | | | | | | | | (0) | (1000) | (1000) | (1000) | (1000) | |
| 551 ~ 600 | | | | | | | | | | | | | | | | | | | | 0 | 4335 | 4335 | 4335 | 4335 | |
| | | | | | | | | | | | | | | | | | | | | (0) | (1000) | (1000) | (1000) | (1000) | |
| 501 ~ 550 | | | | | | | | | | | | | | | | | | | | 0 | 4335 | 4335 | 4335 | 4335 | |
| | | | | | | | | | | | | | | | | | | | | (0) | (1000) | (1000) | (1000) | (1000) | |
| 451 ~ 500 | | | | | | | | | | | | | | | | | | | | 0 | 4335 | 4335 | 4335 | 4335 | |
| | | | | | | | | | | | | | | | | | | | | (0) | (1000) | (1000) | (1000) | (1000) | |
| 401 ~ 450 | | | | | | | | | 1 | | | | | | | | | | | 1 | 4335 | 1 | 4335 | 1 | 4335 |
| | | | | | | | | | (0) | | | | | | | | | | | (0) | (1000) | (0) | (1000) | (0) | (1000) |
| 351 ~ 400 | | | | | | | | 2 | | 3 | | | | | | | | | | 5 | 4334 | 5 | 4334 | 5 | 4334 |
| | | | | | | | | (0) | | (1) | | | | | | | | | | (1) | (1000) | (1) | (1000) | (1) | (1000) |
| 301 ~ 350 | | | | | | | | 2 | 2 | 3 | | 1 | 4 | | | | | | | 12 | 4329 | 12 | 4329 | 12 | 4329 |
| | | | | | | | | (0) | (0) | (1) | | (0) | (1) | | | | | | | (3) | (999) | (3) | (999) | (3) | (999) |
| 251 ~ 300 | | | | | | | 4 | 1 | 3 | 4 | 3 | 2 | 10 | 3 | | | | | | 30 | 4317 | 30 | 4317 | 30 | 4317 |
| | | | | | | | (1) | (0) | (1) | (1) | (1) | (0) | (2) | (1) | | | | | | (7) | (996) | (7) | (996) | (7) | (996) |
| 201 ~ 250 | | | 1 | 10 | | | 4 | 1 | 16 | 21 | 17 | 14 | 15 | 6 | 1 | | | | | 107 | 4287 | 107 | 4287 | 107 | 4287 |
| | | | (0) | (2) | | | (1) | (0) | (4) | (5) | (4) | (3) | (3) | (1) | (0) | (0) | | | | (25) | (989) | (25) | (989) | (25) | (989) |
| 176 ~ 200 | | | 5 | 9 | 2 | 3 | 17 | 15 | 9 | 11 | 15 | 7 | 3 | | | | | | | 96 | 4180 | 96 | 4180 | 96 | 4180 |
| | | | (1) | (2) | (0) | (1) | (4) | (3) | (2) | (3) | (3) | (2) | (1) | | | | | | | (22) | (964) | (22) | (964) | (22) | (964) |
| 151 ~ 175 | | | 10 | 13 | 20 | 17 | 30 | 20 | 31 | 36 | 20 | 9 | 6 | | | | | | | 212 | 4084 | 212 | 4084 | 212 | 4084 |
| | | | (2) | (3) | (5) | (4) | (7) | (5) | (7) | (8) | (5) | (2) | (1) | | | | | | | (49) | (942) | (49) | (942) | (49) | (942) |
| 126 ~ 150 | | | 2 | 14 | 25 | 33 | 58 | 72 | 42 | 26 | 29 | 18 | 10 | 3 | | | | | | 332 | 3872 | 332 | 3872 | 332 | 3872 |
| | | | (0) | (3) | (6) | (8) | (13) | (17) | (10) | (6) | (7) | (4) | (2) | (1) | | | | | | (77) | (893) | (77) | (893) | (77) | (893) |
| 101 ~ 125 | | | 5 | 52 | 85 | 104 | 82 | 74 | 72 | 47 | 21 | 17 | 11 | 1 | | | | | | 571 | 3540 | 571 | 3540 | 571 | 3540 |
| | | | (1) | (12) | (20) | (24) | (19) | (17) | (17) | (11) | (5) | (4) | (3) | (0) | | | | | | (132) | (817) | (132) | (817) | (132) | (817) |
| 76 ~ 100 | | | 42 | 112 | 150 | 215 | 188 | 121 | 104 | 40 | 33 | 13 | 3 | | | | | | | 1021 | 2969 | 1021 | 2969 | 1021 | 2969 |
| | | | (10) | (26) | (35) | (50) | (43) | (28) | (24) | (9) | (8) | (3) | (1) | | | | | | | (236) | (685) | (236) | (685) | (236) | (685) |
| 51 ~ 75 | | | 4 | 70 | 146 | 275 | 337 | 290 | 188 | 76 | 56 | 27 | 8 | | | | | | | 1477 | 1948 | 1477 | 1948 | 1477 | 1948 |
| | | | (1) | (16) | (34) | (63) | (78) | (67) | (43) | (18) | (13) | (6) | (2) | | | | | | | (341) | (449) | (341) | (449) | (341) | (449) |
| 26 ~ 50 | | | 3 | 21 | 47 | 99 | 98 | 101 | 62 | 25 | 14 | 1 | | | | | | | | 471 | 471 | 471 | 471 | 471 | 471 |
| | | | (1) | (5) | (11) | (23) | (23) | (23) | (14) | (6) | (3) | (0) | | | | | | | | (109) | (109) | (109) | (109) | (109) | (109) |
| ~ 25 | | | | | | | | | | | | | | | | | | | | 0 | 0 | | | 0 | 0 |
| | | | | | | | | | | | | | | | | | | | | (0) | (0) | | | (0) | (0) |
| 合計 | | 0 | 7 | 140 | 387 | 666 | 817 | 745 | 586 | 385 | 243 | 175 | 120 | 49 | 14 | 1 | 0 | 0 | 0 | 4335 | | 4335 | | 4335 | |
| (0.1%) | | (0) | (2) | (32) | (89) | (154) | (188) | (172) | (135) | (89) | (56) | (40) | (28) | (11) | (3) | (0) | (0) | (0) | (0) | (1000) | | (1000) | | (1000) | |
| 未超過 | | 0 | 7 | 147 | 534 | 1200 | 2017 | 2762 | 3348 | 3733 | 3976 | 4151 | 4271 | 4320 | 4334 | 4335 | 4335 | 4335 | 4335 | | | | | | |
| (0.1%) | | (0) | (2) | (34) | (123) | (277) | (465) | (637) | (772) | (861) | (917) | (958) | (985) | (997) | (1000) | (1000) | (1000) | (1000) | (1000) | | | | | | |