

河川事業 再評価

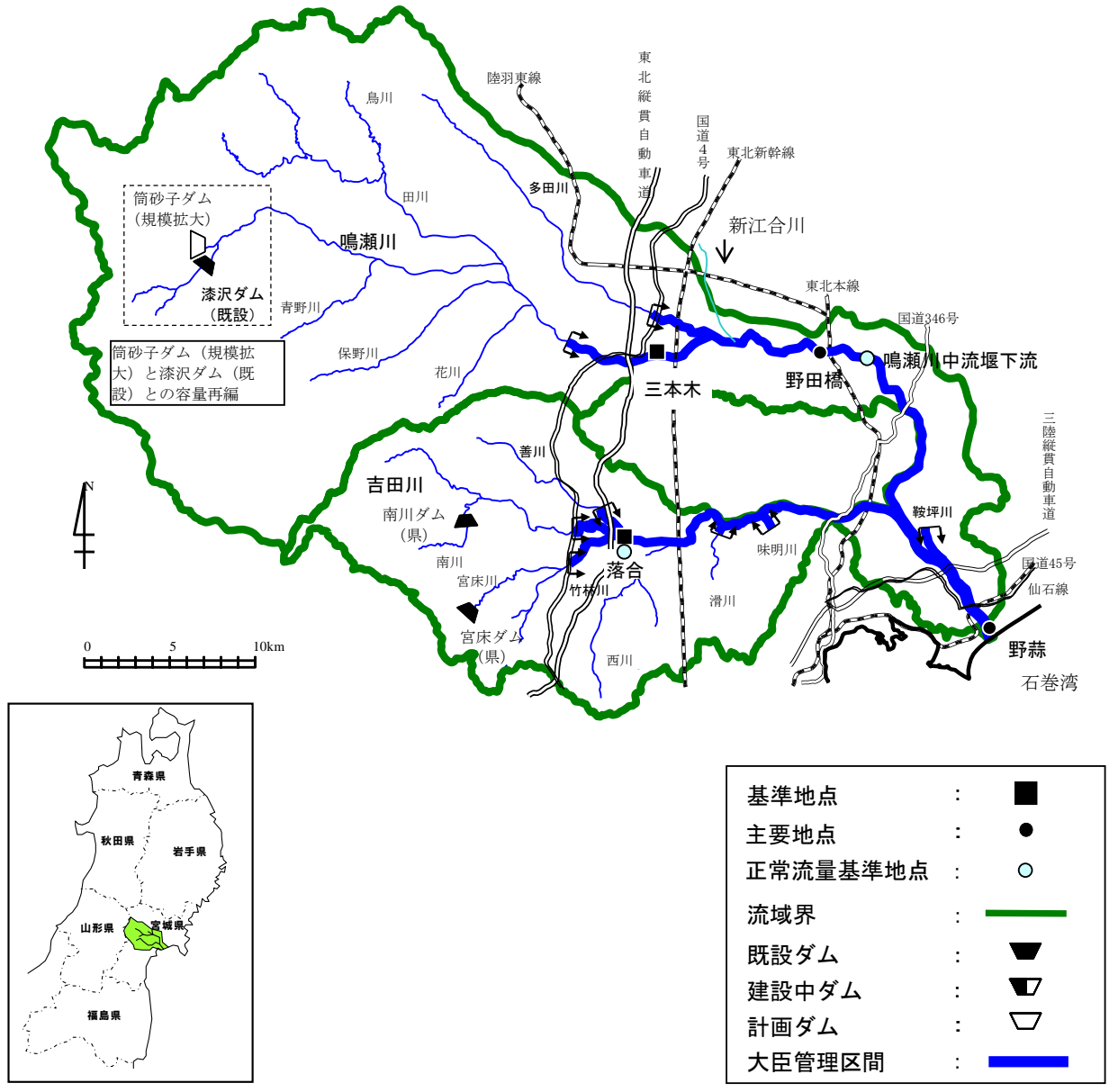
鳴瀬川直轄河川改修事業  
(鳴瀬川水系河川整備計画 [大臣管理区間])

参 考 資 料

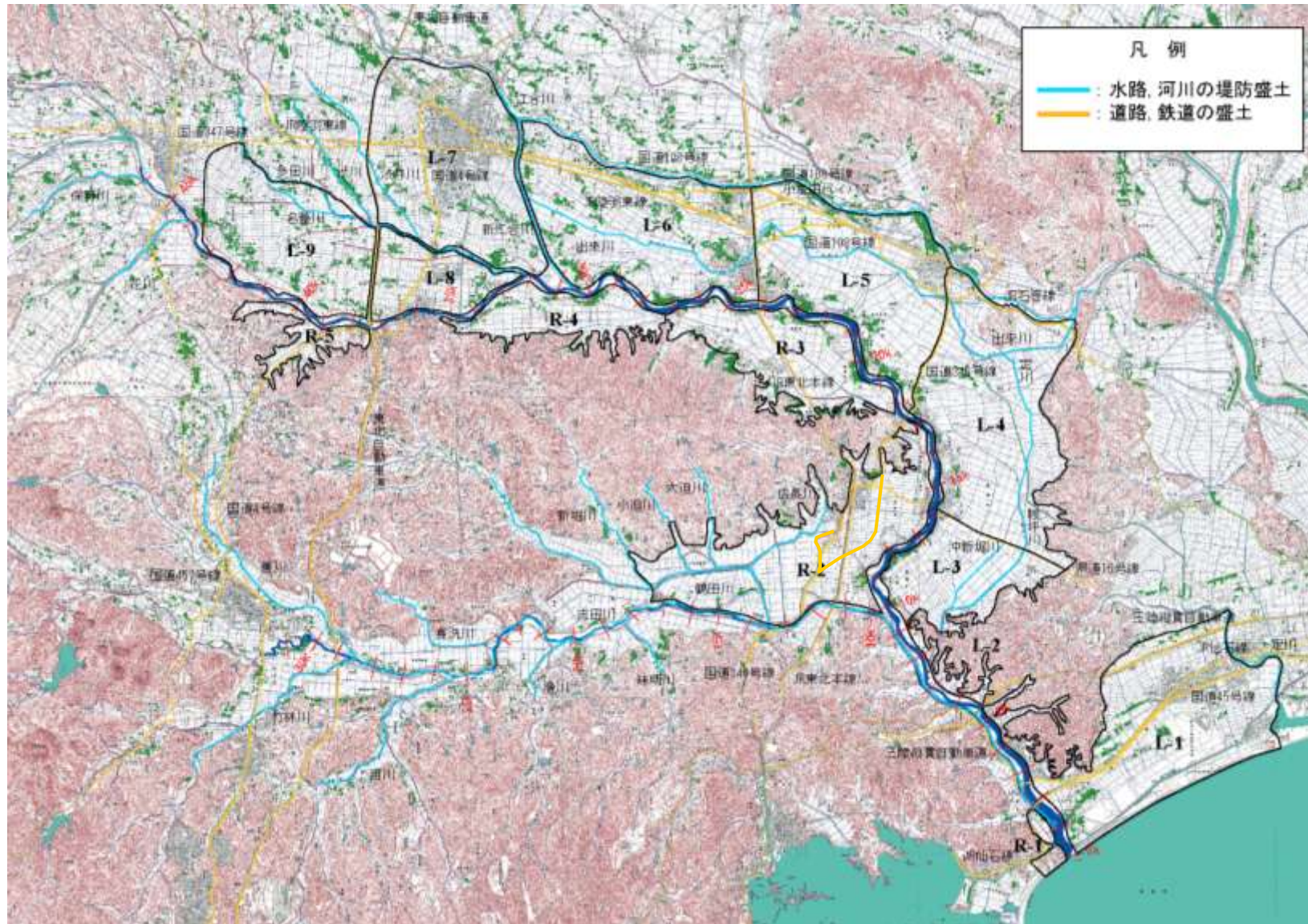
平成27年11月25日

国土交通省 東北地方整備局

事業箇所位置図



様式-1 氾濫ブロック分割図 鳴瀬川



様式-1 氾濫ブロック分割図 吉田川



様式-2 資産データ

水系名：鳴瀬川 河川名：鳴瀬川 国勢調査年：平成 22 年 事業所統計調査年：平成 21 年

| 記産ブロック | ブロック面積 (ha) | 一般資産等基礎数量 |        |     |       |        |       |       |       |        |       |      |       |       |       |       |       |         |       |       |       |       |          |           |          |
|--------|-------------|-----------|--------|-----|-------|--------|-------|-------|-------|--------|-------|------|-------|-------|-------|-------|-------|---------|-------|-------|-------|-------|----------|-----------|----------|
|        |             | 人口        | 世帯数    | C産業 | D建設業  | E製造業   | F電気ガス | G情報通信 | H運輸   | I卸売小売  | J金融保険 | K不動産 | L学術研究 | M飲食宿泊 | N娯楽業  | O教育学習 | P医療福祉 | Q複合サービス | Rサービス | S工務   | 事業所数  | 農漁家数  | 延床面積 (a) | 水田面積 (ha) | 畑面積 (ha) |
| L-1    | 3,465       | 25,217    | 8,494  | 0   | 816   | 1,356  | 8     | 22    | 554   | 1,517  | 117   | 203  | 72    | 630   | 379   | 351   | 969   | 121     | 436   | 1,390 | 1,031 | 445   | 14,767   | 1,402     | 191      |
| L-2    | 580         | 349       | 87     | 0   | 18    | 0      | 0     | 0     | 0     | 0      | 0     | 0    | 0     | 1     | 10    | 17    | 0     | 0       | 0     | 0     | 5     | 23    | 152      | 193       | 16       |
| L-3    | 1,531       | 1,677     | 440    | 0   | 130   | 37     | 0     | 0     | 6     | 28     | 0     | 8    | 3     | 5     | 5     | 0     | 12    | 0       | 19    | 0     | 50    | 133   | 1,024    | 1,084     | 49       |
| L-4    | 3,358       | 5,272     | 1,492  | 0   | 238   | 448    | 0     | 10    | 80    | 286    | 0     | 8    | 5     | 112   | 37    | 64    | 217   | 61      | 325   | 66    | 226   | 302   | 4,246    | 2,352     | 139      |
| L-5    | 2,325       | 12,513    | 4,163  | 0   | 388   | 1,462  | 10    | 8     | 299   | 1,003  | 89    | 31   | 25    | 232   | 198   | 208   | 251   | 59      | 198   | 128   | 499   | 333   | 10,344   | 1,619     | 92       |
| L-6    | 2,627       | 16,264    | 5,477  | 0   | 543   | 1,088  | 23    | 1     | 341   | 1,679  | 78    | 53   | 71    | 363   | 298   | 369   | 736   | 301     | 368   | 136   | 739   | 350   | 12,363   | 1,671     | 88       |
| L-7    | 3,137       | 45,102    | 17,431 | 0   | 1,227 | 2,547  | 110   | 260   | 739   | 5,287  | 911   | 522  | 624   | 2,326 | 1,326 | 1,238 | 3,679 | 242     | 2,466 | 1,199 | 2,636 | 408   | 39,037   | 1,749     | 6        |
| L-8    | 712         | 2,530     | 809    | 0   | 47    | 1,778  | 0     | 0     | 205   | 311    | 8     | 11   | 1     | 124   | 87    | 4     | 31    | 17      | 33    | 1     | 147   | 68    | 1,944    | 462       | 4        |
| L-9    | 2,608       | 11,972    | 3,761  | 0   | 607   | 1,872  | 12    | 1     | 182   | 1,540  | 135   | 43   | 81    | 362   | 236   | 245   | 382   | 73      | 312   | 235   | 719   | 349   | 11,696   | 1,893     | 38       |
| R-1    | 208         | 1,031     | 340    | 0   | 24    | 0      | 0     | 0     | 9     | 87     | 0     | 0    | 0     | 104   | 7     | 22    | 10    | 4       | 4     | 3     | 46    | 14    | 523      | 43        | 4        |
| R-2    | 3,755       | 11,293    | 3,506  | 0   | 603   | 285    | 0     | 12    | 132   | 788    | 30    | 56   | 19    | 190   | 117   | 186   | 561   | 98      | 191   | 59    | 484   | 293   | 7,971    | 2,098     | 176      |
| R-3    | 1,846       | 6,126     | 1,886  | 0   | 156   | 269    | 0     | 0     | 23    | 240    | 6     | 10   | 13    | 50    | 61    | 124   | 212   | 28      | 49    | 41    | 214   | 180   | 4,193    | 1,043     | 63       |
| R-4    | 1,399       | 1,983     | 529    | 0   | 38    | 210    | 0     | 0     | 10    | 33     | 0     | 1    | 0     | 6     | 12    | 27    | 8     | 6       | 25    | 1     | 54    | 109   | 1,207    | 708       | 24       |
| R-5    | 1,027       | 2,868     | 890    | 0   | 68    | 523    | 29    | 0     | 65    | 124    | 0     | 15   | 4     | 50    | 39    | 95    | 108   | 0       | 35    | 60    | 106   | 48    | 2,252    | 429       | 26       |
| 計      | 28,578      | 144,197   | 49,305 | 0   | 4,903 | 11,875 | 192   | 314   | 2,645 | 12,923 | 1,374 | 961  | 918   | 4,554 | 2,803 | 2,943 | 7,193 | 1,010   | 4,461 | 3,319 | 6,956 | 3,064 | 111,719  | 16,746    | 916      |

| 記産ブロック | 一般資産額      |            |             |         |             |       | 農作物資産     |          |           | 総資産額 (百万円) |           |
|--------|------------|------------|-------------|---------|-------------|-------|-----------|----------|-----------|------------|-----------|
|        | 家庭資産 (百万円) | 家庭用品 (百万円) | 事業所資産 (百万円) |         | 農漁家資産 (百万円) |       | 小計 (百万円)  | 水稲 (百万円) | 畑作物 (百万円) |            | 小計 (百万円)  |
|        |            |            | 備貯          | 在庫      | 備貯          | 在庫    |           |          |           |            |           |
| L-1    | 265,209    | 118,970    | 25,351      | 15,094  | 860         | 196   | 425,680   | 1,914    | 180       | 2,094      | 427,774   |
| L-2    | 2,729      | 1,218      | 62          | 58      | 45          | 45    | 4,122     | 263      | 15        | 278        | 4,400     |
| L-3    | 18,386     | 6,161      | 680         | 686     | 257         | 59    | 26,229    | 1,479    | 46        | 1,525      | 27,754    |
| L-4    | 76,299     | 20,903     | 4,874       | 3,753   | 583         | 133   | 106,505   | 3,205    | 131       | 3,336      | 109,841   |
| L-5    | 185,774    | 58,308     | 15,278      | 11,024  | 643         | 147   | 271,174   | 2,203    | 87        | 2,290      | 273,464   |
| L-6    | 222,040    | 76,712     | 18,915      | 11,500  | 677         | 154   | 329,998   | 2,275    | 83        | 2,358      | 332,356   |
| L-7    | 701,107    | 244,155    | 73,921      | 34,869  | 788         | 180   | 1,055,020 | 2,381    | 5         | 2,386      | 1,057,406 |
| L-8    | 34,919     | 11,333     | 11,419      | 9,694   | 132         | 30    | 67,527    | 629      | 4         | 633        | 68,160    |
| L-9    | 210,051    | 52,684     | 19,386      | 14,778  | 673         | 153   | 297,725   | 2,576    | 36        | 2,612      | 300,337   |
| R-1    | 9,389      | 4,760      | 502         | 270     | 27          | 6     | 14,954    | 58       | 4         | 62         | 15,016    |
| R-2    | 143,164    | 49,106     | 7,804       | 5,892   | 567         | 129   | 206,262   | 2,864    | 165       | 3,029      | 209,291   |
| R-3    | 75,319     | 26,413     | 3,219       | 2,434   | 366         | 84    | 107,835   | 1,420    | 59        | 1,479      | 109,314   |
| R-4    | 21,679     | 7,408      | 1,357       | 1,227   | 210         | 48    | 31,929    | 963      | 22        | 985        | 32,914    |
| R-5    | 40,437     | 12,465     | 7,338       | 3,403   | 93          | 21    | 63,757    | 584      | 25        | 609        | 64,366    |
| 計      | 2,006,462  | 690,596    | 190,106     | 114,282 | 5,921       | 1,350 | 3,008,717 | 22,814   | 862       | 23,676     | 3,032,393 |

水系名：鳴瀬川 河川名：吉田川 国勢調査年：平成 22 年 事業所統計調査年：平成 21 年

| 記産ブロック | ブロック面積 (ha) | 一般資産等基礎数量 |       |     |       |       |       |       |     |       |       |      |       |       |      |       |       |         |       |     |       |      |          |           |          |
|--------|-------------|-----------|-------|-----|-------|-------|-------|-------|-----|-------|-------|------|-------|-------|------|-------|-------|---------|-------|-----|-------|------|----------|-----------|----------|
|        |             | 人口        | 世帯数   | C産業 | D建設業  | E製造業  | F電気ガス | G情報通信 | H運輸 | I卸売小売 | J金融保険 | K不動産 | L学術研究 | M飲食宿泊 | N娯楽業 | O教育学習 | P医療福祉 | Q複合サービス | Rサービス | S工務 | 事業所数  | 農漁家数 | 延床面積 (a) | 水田面積 (ha) | 畑面積 (ha) |
| L-1    | 3,849       | 11,435    | 3,544 | 0   | 598   | 285   | 0     | 12    | 139 | 788   | 30    | 56   | 19    | 190   | 117  | 186   | 561   | 98      | 193   | 59  | 487   | 292  | 8,115    | 2,131     | 181      |
| L-2    | 1,436       | 1,637     | 421   | 0   | 90    | 10    | 0     | 0     | 27  | 111   | 0     | 0    | 0     | 5     | 18   | 36    | 112   | 3       | 18    | 1   | 70    | 68   | 1,528    | 722       | 48       |
| L-3    | 983         | 813       | 203   | 0   | 15    | 13    | 0     | 0     | 70  | 17    | 0     | 1    | 47    | 1     | 8    | 11    | 12    | 0       | 25    | 1   | 31    | 50   | 345      | 494       | 7        |
| L-4    | 517         | 4,220     | 1,585 | 0   | 193   | 843   | 0     | 7     | 437 | 1,114 | 41    | 116  | 36    | 334   | 181  | 181   | 534   | 10      | 160   | 186 | 385   | 48   | 4,290    | 205       | 2        |
| R-1    | 1,039       | 5,924     | 1,254 | 0   | 213   | 60    | 0     | 0     | 25  | 178   | 4     | 7    | 5     | 131   | 31   | 56    | 84    | 22      | 7     | 4   | 154   | 72   | 2,154    | 254       | 25       |
| R-2    | 384         | 248       | 67    | 0   | 15    | 92    | 0     | 0     | 0   | 0     | 0     | 0    | 0     | 0     | 0    | 0     | 0     | 0       | 0     | 0   | 9     | 21   | 201      | 153       | 11       |
| R-3    | 655         | 1,418     | 411   | 0   | 110   | 10    | 0     | 0     | 11  | 33    | 0     | 0    | 0     | 4     | 7    | 18    | 0     | 4       | 4     | 1   | 42    | 45   | 864      | 273       | 24       |
| R-4    | 869         | 2,534     | 696   | 0   | 97    | 192   | 4     | 0     | 2   | 133   | 0     | 5    | 0     | 38    | 92   | 40    | 153   | 3       | 108   | 80  | 108   | 78   | 2,031    | 458       | 51       |
| R-5    | 605         | 2,166     | 594   | 0   | 64    | 303   | 0     | 0     | 96  | 347   | 1     | 20   | 6     | 27    | 255  | 1     | 1     | 32      | 37    | 24  | 108   | 58   | 1,903    | 372       | 16       |
| R-6    | 1,273       | 2,001     | 486   | 27  | 192   | 65    | 9     | 0     | 74  | 140   | 0     | 12   | 0     | 22    | 41   | 14    | 22    | 9       | 36    | 1   | 84    | 86   | 1,171    | 629       | 10       |
| R-7    | 378         | 569       | 158   | 0   | 51    | 33    | 12    | 0     | 0   | 30    | 0     | 7    | 1     | 17    | 22   | 3     | 5     | 66      | 3     | 29  | 32    | 292  | 296      | 4         |          |
| 計      | 11,988      | 30,975    | 9,419 | 27  | 1,638 | 1,906 | 25    | 19    | 881 | 2,891 | 76    | 224  | 114   | 769   | 752  | 543   | 1,480 | 186     | 658   | 360 | 1,507 | 850  | 22,894   | 5,987     | 379      |

| 記産ブロック | 一般資産額      |            |             |        |             |     | 農作物資産    |          |           | 総資産額 (百万円) |          |
|--------|------------|------------|-------------|--------|-------------|-----|----------|----------|-----------|------------|----------|
|        | 家庭資産 (百万円) | 家庭用品 (百万円) | 事業所資産 (百万円) |        | 農漁家資産 (百万円) |     | 小計 (百万円) | 水稲 (百万円) | 畑作物 (百万円) |            | 小計 (百万円) |
|        |            |            | 備貯          | 在庫     | 備貯          | 在庫  |          |          |           |            |          |
| L-1    | 145,747    | 49,644     | 7,837       | 5,487  | 565         | 129 | 209,409  | 2,909    | 171       | 3,080      | 212,489  |
| L-2    | 27,444     | 5,902      | 810         | 579    | 132         | 30  | 34,897   | 986      | 46        | 1,032      | 35,929   |
| L-3    | 6,190      | 2,847      | 651         | 253    | 97          | 22  | 10,060   | 675      | 6         | 681        | 10,741   |
| L-4    | 77,049     | 22,205     | 13,953      | 8,448  | 92          | 21  | 121,768  | 280      | 1         | 281        | 122,049  |
| R-1    | 38,686     | 17,570     | 1,773       | 1,393  | 138         | 32  | 59,592   | 347      | 23        | 370        | 59,962   |
| R-2    | 3,610      | 935        | 480         | 488    | 41          | 9   | 5,563    | 209      | 10        | 219        | 5,782    |
| R-3    | 15,510     | 5,759      | 384         | 451    | 88          | 20  | 22,212   | 373      | 22        | 395        | 22,607   |
| R-4    | 36,477     | 9,740      | 2,774       | 1,650  | 151         | 34  | 50,835   | 625      | 48        | 673        | 51,508   |
| R-5    | 34,185     | 8,327      | 4,275       | 2,667  | 112         | 25  | 49,591   | 508      | 15        | 523        | 50,114   |
| R-6    | 21,019     | 6,811      | 3,122       | 1,480  | 167         | 38  | 32,637   | 858      | 9         | 867        | 33,504   |
| R-7    | 5,248      | 2,218      | 1,950       | 518    | 62          | 14  | 10,010   | 404      | 4         | 408        | 10,418   |
| 計      | 411,165    | 131,967    | 38,009      | 23,414 | 1,645       | 374 | 606,574  | 8,174    | 355       | 8,529      | 615,103  |

様式-3 被害額 水系名：鳴瀬川 河川名：鳴瀬川・吉田川

整備計画着手時 (H19年河道、現況ダム)

水系名：鳴瀬川 河川名：鳴瀬川・吉田川 流量規模 1/3～1/100

| 氾濫<br>ブロック | 一般資産被害額 |        |        |        |       |     |         | 農作物被害額 |     |       | 公共土木<br>施設等<br>被害額 | 営業<br>停止<br>損失 | 家庭における<br>応急対策費用 |               |       | 事業所<br>における<br>応急対策<br>費用 | その他の<br>間接被害 | 小計     | 合計      |
|------------|---------|--------|--------|--------|-------|-----|---------|--------|-----|-------|--------------------|----------------|------------------|---------------|-------|---------------------------|--------------|--------|---------|
|            | 家屋      | 家庭用品   | 事業所資産  |        | 農漁家資産 |     | 小計      | 水稲     | 畑作物 | 小計    |                    |                | 清掃<br>労働<br>対価   | 代替<br>活動<br>等 | 小計    |                           |              |        |         |
|            |         |        | 償却     | 在庫     | 償却    | 在庫  |         |        |     |       |                    |                |                  |               |       |                           |              |        |         |
| 1/ 3       | 0       | 0      | 0      | 0      | 0     | 0   | 0       | 0      | 0   | 0     | 0                  | 0              | 0                | 0             | 0     | 0                         | 0            | 0      | 0       |
| 1/ 5       | 5       | 1      | 0      | 0      | 0     | 0   | 6       | 6      | 0   | 6     | 10                 | 0              | 0                | 0             | 0     | 0                         | 0            | 0      | 22      |
| 1/ 10      | 18,029  | 11,401 | 8,960  | 5,346  | 88    | 30  | 43,854  | 1,811  | 25  | 1,836 | 74,288             | 1,977          | 461              | 610           | 1,071 | 807                       | 0            | 3,855  | 123,833 |
| 1/ 20      | 58,122  | 36,275 | 19,966 | 10,121 | 287   | 95  | 124,866 | 4,018  | 49  | 4,067 | 211,522            | 4,914          | 1,446            | 1,943         | 3,389 | 2,302                     | 0            | 10,605 | 351,080 |
| 1/ 30      | 82,798  | 52,339 | 26,163 | 13,832 | 408   | 132 | 175,672 | 4,780  | 65  | 4,845 | 297,590            | 6,365          | 1,970            | 2,486         | 4,456 | 3,211                     | 0            | 14,032 | 492,139 |
| 1/ 50      | 109,373 | 67,328 | 31,005 | 16,393 | 548   | 173 | 224,820 | 5,405  | 84  | 5,489 | 380,844            | 7,923          | 2,543            | 3,124         | 5,667 | 4,059                     | 0            | 17,649 | 626,802 |
| 1/ 80      | 131,533 | 81,050 | 36,064 | 18,661 | 639   | 203 | 268,150 | 5,784  | 92  | 5,876 | 454,244            | 9,012          | 3,050            | 3,671         | 6,721 | 4,830                     | 0            | 20,563 | 748,833 |
| 1/100      | 143,676 | 89,001 | 39,826 | 20,835 | 691   | 217 | 294,246 | 5,871  | 97  | 5,968 | 498,454            | 9,787          | 3,311            | 3,900         | 7,211 | 5,354                     | 0            | 22,352 | 821,020 |

単位：百万円

現況河道 (H27年河道、現況ダム)

水系名：鳴瀬川 河川名：鳴瀬川・吉田川 流量規模 1/3～1/100

| 氾濫<br>ブロック | 一般資産被害額 |        |        |        |       |     |         | 農作物被害額 |     |       | 公共土木<br>施設等<br>被害額 | 営業<br>停止<br>損失 | 家庭における<br>応急対策費用 |               |       | 事業所<br>における<br>応急対策<br>費用 | その他の<br>間接被害 | 小計     | 合計      |
|------------|---------|--------|--------|--------|-------|-----|---------|--------|-----|-------|--------------------|----------------|------------------|---------------|-------|---------------------------|--------------|--------|---------|
|            | 家屋      | 家庭用品   | 事業所資産  |        | 農漁家資産 |     | 小計      | 水稲     | 畑作物 | 小計    |                    |                | 清掃<br>労働<br>対価   | 代替<br>活動<br>等 | 小計    |                           |              |        |         |
|            |         |        | 償却     | 在庫     | 償却    | 在庫  |         |        |     |       |                    |                |                  |               |       |                           |              |        |         |
| 1/ 3       | 0       | 0      | 0      | 0      | 0     | 0   | 0       | 0      | 0   | 0     | 0                  | 0              | 0                | 0             | 0     | 0                         | 0            | 0      | 0       |
| 1/ 5       | 0       | 0      | 0      | 0      | 0     | 0   | 0       | 0      | 0   | 0     | 0                  | 0              | 0                | 0             | 0     | 0                         | 0            | 0      | 0       |
| 1/ 10      | 7,205   | 3,767  | 6,952  | 4,235  | 37    | 13  | 22,209  | 372    | 10  | 382   | 37,622             | 1,352          | 156              | 238           | 394   | 332                       | 0            | 2,078  | 82,291  |
| 1/ 20      | 54,238  | 30,578 | 17,952 | 9,040  | 283   | 94  | 112,185 | 3,834  | 48  | 3,882 | 190,040            | 4,358          | 1,217            | 1,708         | 2,925 | 1,840                     | 0            | 9,123  | 315,230 |
| 1/ 30      | 76,518  | 44,418 | 23,766 | 12,538 | 401   | 130 | 157,771 | 4,683  | 67  | 4,750 | 267,266            | 5,729          | 1,690            | 2,233         | 3,923 | 2,655                     | 0            | 12,307 | 442,094 |
| 1/ 50      | 102,711 | 59,417 | 28,780 | 15,068 | 534   | 171 | 206,681 | 5,312  | 84  | 5,396 | 350,118            | 7,289          | 2,254            | 2,876         | 5,130 | 3,457                     | 0            | 15,876 | 578,071 |
| 1/ 80      | 124,531 | 73,283 | 33,968 | 17,369 | 629   | 199 | 249,979 | 5,650  | 93  | 5,743 | 423,461            | 8,332          | 2,758            | 3,409         | 6,167 | 4,231                     | 0            | 18,730 | 697,913 |
| 1/100      | 136,891 | 81,484 | 37,638 | 19,506 | 678   | 215 | 276,412 | 5,793  | 98  | 5,891 | 468,242            | 9,098          | 3,035            | 3,675         | 6,710 | 4,730                     | 0            | 20,538 | 771,083 |

単位：百万円

当面事業完了後河道 (H32年河道、現況ダム)

水系名：鳴瀬川 河川名：鳴瀬川・吉田川 流量規模 1/3～1/100

| 氾濫<br>ブロック | 一般資産被害額 |        |        |        |       |     |         | 農作物被害額 |     |       | 公共土木<br>施設等<br>被害額 | 営業<br>停止<br>損失 | 家庭における<br>応急対策費用 |               |       | 事業所<br>における<br>応急対策<br>費用 | その他の<br>間接被害 | 小計     | 合計      |
|------------|---------|--------|--------|--------|-------|-----|---------|--------|-----|-------|--------------------|----------------|------------------|---------------|-------|---------------------------|--------------|--------|---------|
|            | 家屋      | 家庭用品   | 事業所資産  |        | 農漁家資産 |     | 小計      | 水稲     | 畑作物 | 小計    |                    |                | 清掃<br>労働<br>対価   | 代替<br>活動<br>等 | 小計    |                           |              |        |         |
|            |         |        | 償却     | 在庫     | 償却    | 在庫  |         |        |     |       |                    |                |                  |               |       |                           |              |        |         |
| 1/ 3       | 0       | 0      | 0      | 0      | 0     | 0   | 0       | 0      | 0   | 0     | 0                  | 0              | 0                | 0             | 0     | 0                         | 0            | 0      | 0       |
| 1/ 5       | 0       | 0      | 0      | 0      | 0     | 0   | 0       | 0      | 0   | 0     | 0                  | 0              | 0                | 0             | 0     | 0                         | 0            | 0      | 0       |
| 1/ 10      | 0       | 0      | 0      | 0      | 0     | 0   | 0       | 0      | 0   | 0     | 0                  | 0              | 0                | 0             | 0     | 0                         | 0            | 0      | 0       |
| 1/ 20      | 37,062  | 22,356 | 14,774 | 7,657  | 184   | 61  | 82,094  | 2,416  | 21  | 2,437 | 139,066            | 3,460          | 892              | 1,261         | 2,153 | 1,300                     | 0            | 6,913  | 230,510 |
| 1/ 30      | 65,238  | 40,092 | 21,154 | 10,881 | 331   | 105 | 137,801 | 3,638  | 47  | 3,685 | 233,436            | 5,109          | 1,532            | 2,034         | 3,566 | 2,415                     | 0            | 11,090 | 386,012 |
| 1/ 50      | 98,246  | 56,943 | 26,929 | 14,693 | 498   | 158 | 197,467 | 4,954  | 78  | 5,032 | 334,510            | 7,050          | 2,152            | 2,726         | 4,878 | 3,311                     | 0            | 15,239 | 552,248 |
| 1/ 80      | 120,549 | 70,756 | 32,168 | 16,834 | 606   | 191 | 241,104 | 5,440  | 88  | 5,528 | 408,429            | 8,116          | 2,673            | 3,309         | 5,982 | 4,073                     | 0            | 18,171 | 673,232 |
| 1/100      | 131,453 | 78,406 | 35,916 | 19,056 | 642   | 206 | 265,679 | 5,607  | 94  | 5,701 | 450,059            | 8,849          | 2,930            | 3,547         | 6,477 | 4,550                     | 0            | 19,876 | 741,315 |

単位：百万円

整備計画河道（整備計画河道、現況ダム）

水系名：鳴瀬川 河川名：鳴瀬川 流量規模 1/3～1/100

| 氾濫<br>ブロック | 一般資産被害額 |        |        |        |       |     |         | 農作物被害額 |     |       | 公共土木<br>施設等<br>被害額 | 営業<br>停止<br>損失 | 家庭における<br>応急対策費用 |               |       | 事業所<br>における<br>応急対策<br>費用 | その他の<br>間接被害 | 小計     | 合計             |
|------------|---------|--------|--------|--------|-------|-----|---------|--------|-----|-------|--------------------|----------------|------------------|---------------|-------|---------------------------|--------------|--------|----------------|
|            | 家屋      | 家庭用品   | 事業所資産  |        | 農漁家資産 |     | 小計      | 水稲     | 畑作物 | 小計    |                    |                | 清掃<br>労働<br>対価   | 代替<br>活動<br>等 | 小計    |                           |              |        |                |
|            |         |        | 償却     | 在庫     | 償却    | 在庫  |         |        |     |       |                    |                |                  |               |       |                           |              |        |                |
| 1/ 3       | 0       | 0      | 0      | 0      | 0     | 0   | 0       | 0      | 0   | 0     | 0                  | 0              | 0                | 0             | 0     | 0                         | 0            | 0      | 0              |
| 1/ 5       | 0       | 0      | 0      | 0      | 0     | 0   | 0       | 0      | 0   | 0     | 0                  | 0              | 0                | 0             | 0     | 0                         | 0            | 0      | 0              |
| 1/ 10      | 0       | 0      | 0      | 0      | 0     | 0   | 0       | 0      | 0   | 0     | 0                  | 0              | 0                | 0             | 0     | 0                         | 0            | 0      | 0              |
| 1/ 20      | 0       | 0      | 0      | 0      | 0     | 0   | 0       | 0      | 0   | 0     | 0                  | 0              | 0                | 0             | 0     | 0                         | 0            | 0      | 0              |
| 1/ 30      | 0       | 0      | 0      | 0      | 0     | 0   | 0       | 0      | 0   | 0     | 0                  | 0              | 0                | 0             | 0     | 0                         | 0            | 0      | 0              |
| 1/ 50      | 63,685  | 36,144 | 18,737 | 9,539  | 328   | 109 | 128,542 | 3,690  | 40  | 3,730 | 217,757            | 4,423          | 1,370            | 1,829         | 3,199 | 2,081                     | 0            | 9,703  | <b>359,726</b> |
| 1/ 80      | 96,607  | 56,415 | 26,342 | 14,524 | 487   | 157 | 194,532 | 5,049  | 79  | 5,128 | 329,536            | 6,775          | 2,136            | 2,746         | 4,882 | 3,271                     | 0            | 14,928 | <b>544,124</b> |
| 1/100      | 107,802 | 63,343 | 28,124 | 15,486 | 551   | 176 | 215,482 | 5,240  | 83  | 5,323 | 365,025            | 7,329          | 2,390            | 3,035         | 5,425 | 3,608                     | 0            | 16,362 | <b>602,192</b> |

単位：百万円



整備計画着手時 (H19年河道、現況ダム)

単位：百万円

| 氾濫<br>ブロック | 一般資産被害額 |      |       |    |       |    | 農作物被害額 |    |     | 公共土木<br>施設等<br>被害額 | 営業<br>停止<br>損失 | 家庭における<br>応急対策費用 |                |               | 事業所<br>における<br>応急対策<br>費用 | その他の<br>間接被害 | 小計 | 合計 |    |
|------------|---------|------|-------|----|-------|----|--------|----|-----|--------------------|----------------|------------------|----------------|---------------|---------------------------|--------------|----|----|----|
|            | 家屋      | 家庭用品 | 事業所資産 |    | 農漁家資産 |    | 小計     | 水稲 | 畑作物 |                    |                | 小計               | 清掃<br>労働<br>対価 | 代替<br>活動<br>等 |                           |              |    |    | 小計 |
|            |         |      | 償却    | 在庫 | 償却    | 在庫 |        |    |     |                    |                |                  |                |               |                           |              |    |    |    |

■ 確率規模1/20

|     |        |        |        |        |       |    |         |        |     |       |         |        |       |       |       |       |     |        |                |               |          |
|-----|--------|--------|--------|--------|-------|----|---------|--------|-----|-------|---------|--------|-------|-------|-------|-------|-----|--------|----------------|---------------|----------|
| 鳴瀬川 | L1     | 5,340  | 3,694  | 1,014  | 514   | 20 | 7       | 10,589 | 220 | 11    | 231     | 17,938 | 397   | 146   | 212   | 358   | 240 | 0      | 995            | <b>29,763</b> |          |
|     | L2     | 69     | 32     | 0      | 0     | 1  | 0       | 102    | 23  | 0     | 23      | 173    | 0     | 1     | 2     | 3     | 0   | 0      | 3              | <b>301</b>    |          |
|     | L3     | 881    | 422    | 62     | 38    | 14 | 4       | 1,421  | 439 | 6     | 445     | 2,407  | 26    | 19    | 32    | 51    | 23  | 0      | 100            | <b>4,379</b>  |          |
|     | L4     | 1,238  | 632    | 228    | 103   | 14 | 4       | 2,219  | 342 | 3     | 345     | 3,759  | 120   | 31    | 48    | 79    | 52  | 0      | 251            | <b>6,574</b>  |          |
|     | L5     | 5,106  | 2,546  | 1,957  | 798   | 13 | 4       | 10,424 | 449 | 4     | 453     | 17,658 | 594   | 121   | 209   | 330   | 191 | 0      | 1,115          | <b>29,650</b> |          |
|     | L6     | 9,628  | 6,735  | 2,545  | 738   | 20 | 7       | 19,673 | 298 | 3     | 301     | 33,326 | 474   | 252   | 286   | 538   | 365 | 0      | 1,377          | <b>54,677</b> |          |
|     | L7     | 7,227  | 3,611  | 1,724  | 541   | 23 | 7       | 13,133 | 244 | 1     | 245     | 22,247 | 661   | 179   | 318   | 497   | 229 | 0      | 1,387          | <b>37,012</b> |          |
|     | L8     | 7,146  | 3,550  | 7,938  | 5,189 | 33 | 12      | 23,868 | 225 | 2     | 227     | 40,432 | 1,513 | 127   | 162   | 289   | 348 | 0      | 2,150          | <b>66,677</b> |          |
|     | L9     | 1,699  | 856    | 48     | 26    | 20 | 7       | 2,656  | 290 | 0     | 290     | 4,499  | 22    | 36    | 53    | 89    | 32  | 0      | 143            | <b>7,588</b>  |          |
|     | R1     | 0      | 0      | 0      | 0     | 0  | 0       | 0      | 0   | 0     | 0       | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | 0             | <b>0</b> |
|     | R2     | 10,253 | 7,837  | 2,218  | 1,375 | 43 | 14      | 21,740 | 452 | 7     | 459     | 36,828 | 597   | 298   | 313   | 611   | 544 | 0      | 1,752          | <b>60,779</b> |          |
|     | R3     | 5,535  | 4,320  | 383    | 188   | 45 | 16      | 10,487 | 448 | 9     | 457     | 17,765 | 115   | 153   | 198   | 351   | 135 | 0      | 601            | <b>29,310</b> |          |
|     | R4     | 1,222  | 920    | 127    | 57    | 20 | 7       | 2,353  | 171 | 1     | 172     | 3,986  | 32    | 32    | 43    | 75    | 26  | 0      | 133            | <b>6,644</b>  |          |
|     | R5     | 1,191  | 614    | 644    | 389   | 9  | 3       | 2,850  | 49  | 1     | 50      | 4,828  | 133   | 22    | 23    | 45    | 54  | 0      | 232            | <b>7,980</b>  |          |
|     | 吉田川    | L1     | 0      | 0      | 0     | 0  | 0       | 0      | 0   | 0     | 0       | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | 0             | <b>0</b> |
| L2  |        | 0      | 0      | 0      | 0     | 0  | 0       | 0      | 0   | 0     | 0       | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | <b>0</b>      |          |
| L3  |        | 283    | 242    | 28     | 4     | 5  | 2       | 564    | 123 | 0     | 123     | 955    | 7     | 9     | 10    | 19    | 11  | 0      | 37             | <b>1,679</b>  |          |
| L4  |        | 525    | 131    | 422    | 127   | 1  | 0       | 1,206  | 16  | 0     | 16      | 2,043  | 194   | 12    | 22    | 34    | 40  | 0      | 268            | <b>3,533</b>  |          |
| R1  |        | 0      | 0      | 0      | 0     | 0  | 0       | 0      | 0   | 0     | 0       | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | <b>0</b>      |          |
| R2  |        | 0      | 0      | 0      | 0     | 0  | 0       | 0      | 14  | 0     | 14      | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | <b>14</b>     |          |
| R3  |        | 0      | 0      | 0      | 0     | 0  | 0       | 0      | 0   | 0     | 0       | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | <b>0</b>      |          |
| R4  |        | 0      | 0      | 0      | 0     | 0  | 0       | 0      | 0   | 0     | 0       | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | <b>0</b>      |          |
| R5  | 560    | 80     | 4      | 3      | 5     | 1  | 653     | 81     | 0   | 81    | 1,106   | 2      | 3     | 3     | 6     | 2     | 0   | 10     | <b>1,850</b>   |               |          |
| R6  | 67     | 29     | 13     | 8      | 1     | 0  | 118     | 70     | 0   | 70    | 200     | 6      | 2     | 3     | 5     | 4     | 0   | 15     | <b>403</b>     |               |          |
| R7  | 152    | 24     | 611    | 23     | 0     | 0  | 810     | 64     | 1   | 65    | 1,372   | 21     | 3     | 6     | 9     | 6     | 0   | 36     | <b>2,283</b>   |               |          |
| 合計  | 58,122 | 36,275 | 19,966 | 10,121 | 287   | 95 | 124,866 | 4,018  | 49  | 4,067 | 211,522 | 4,914  | 1,446 | 1,943 | 3,389 | 2,302 | 0   | 10,605 | <b>351,080</b> |               |          |

■ 確率規模1/30

|     |        |        |        |        |       |     |         |        |     |       |         |        |       |       |       |       |     |        |                |               |
|-----|--------|--------|--------|--------|-------|-----|---------|--------|-----|-------|---------|--------|-------|-------|-------|-------|-----|--------|----------------|---------------|
| 鳴瀬川 | L1     | 7,350  | 5,055  | 1,392  | 701   | 28  | 9       | 14,535 | 251 | 17    | 268     | 24,622 | 510   | 195   | 277   | 472   | 321 | 0      | 1,303          | <b>40,728</b> |
|     | L2     | 305    | 129    | 0      | 0     | 1   | 0       | 435    | 28  | 0     | 28      | 737    | 0     | 5     | 4     | 9     | 0   | 0      | 9              | <b>1,208</b>  |
|     | L3     | 1,173  | 594    | 72     | 45    | 20  | 6       | 1,910  | 454 | 6     | 460     | 3,236  | 30    | 24    | 38    | 62    | 30  | 0      | 122            | <b>5,728</b>  |
|     | L4     | 1,360  | 751    | 281    | 131   | 16  | 5       | 2,544  | 408 | 3     | 411     | 4,310  | 130   | 34    | 53    | 87    | 58  | 0      | 275            | <b>7,540</b>  |
|     | L5     | 8,091  | 5,339  | 3,264  | 1,278 | 23  | 8       | 18,003 | 515 | 5     | 520     | 30,497 | 847   | 202   | 326   | 528   | 357 | 0      | 1,732          | <b>50,762</b> |
|     | L6     | 11,569 | 8,023  | 3,005  | 897   | 25  | 8       | 23,527 | 328 | 3     | 331     | 39,855 | 578   | 296   | 328   | 624   | 456 | 0      | 1,658          | <b>65,371</b> |
|     | L7     | 11,227 | 6,269  | 2,572  | 899   | 32  | 11      | 21,010 | 267 | 1     | 268     | 35,591 | 843   | 257   | 437   | 694   | 319 | 0      | 1,856          | <b>58,725</b> |
|     | L8     | 9,752  | 4,600  | 9,697  | 7,139 | 41  | 14      | 31,243 | 227 | 2     | 229     | 52,926 | 2,008 | 166   | 189   | 355   | 476 | 0      | 2,839          | <b>87,237</b> |
|     | L9     | 2,031  | 1,059  | 65     | 36    | 25  | 8       | 3,224  | 314 | 2     | 316     | 5,461  | 26    | 42    | 60    | 102   | 43  | 0      | 171            | <b>9,172</b>  |
|     | R1     | 0      | 0      | 0      | 0     | 0   | 0       | 0      | 0   | 0     | 0       | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | <b>0</b>      |
|     | R2     | 13,202 | 10,127 | 2,365  | 1,537 | 52  | 17      | 27,300 | 523 | 8     | 531     | 46,246 | 673   | 366   | 340   | 706   | 642 | 0      | 2,021          | <b>76,098</b> |
|     | R3     | 7,900  | 5,919  | 446    | 224   | 63  | 20      | 14,572 | 462 | 9     | 471     | 24,685 | 131   | 211   | 233   | 444   | 179 | 0      | 754            | <b>40,482</b> |
|     | R4     | 1,414  | 1,053  | 188    | 89    | 22  | 8       | 2,774  | 182 | 2     | 184     | 4,699  | 48    | 38    | 50    | 88    | 34  | 0      | 170            | <b>7,827</b>  |
|     | R5     | 1,950  | 904    | 721    | 423   | 12  | 4       | 4,014  | 60  | 1     | 61      | 6,800  | 159   | 34    | 32    | 66    | 82  | 0      | 307            | <b>11,182</b> |
|     | 吉田川    | L1     | 0      | 0      | 0     | 0   | 0       | 0      | 0   | 0     | 0       | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | 0             |
| L2  |        | 836    | 473    | 58     | 31    | 7   | 2       | 1,407  | 166 | 2     | 168     | 2,383  | 20    | 16    | 22    | 38    | 29  | 0      | 87             | <b>4,045</b>  |
| L3  |        | 365    | 308    | 41     | 6     | 8   | 2       | 730    | 140 | 0     | 140     | 1,237  | 9     | 11    | 11    | 22    | 14  | 0      | 45             | <b>2,152</b>  |
| L4  |        | 789    | 253    | 650    | 197   | 1   | 0       | 1,890  | 19  | 0     | 19      | 3,202  | 243   | 16    | 30    | 46    | 55  | 0      | 344            | <b>5,455</b>  |
| R1  |        | 830    | 478    | 40     | 49    | 12  | 4       | 1,413  | 53  | 2     | 55      | 2,394  | 16    | 17    | 17    | 34    | 27  | 0      | 77             | <b>3,939</b>  |
| R2  |        | 0      | 0      | 0      | 0     | 0   | 0       | 0      | 15  | 0     | 15      | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | <b>15</b>     |
| R3  |        | 1,528  | 786    | 79     | 57    | 14  | 4       | 2,468  | 80  | 0     | 80      | 4,181  | 26    | 28    | 21    | 49    | 57  | 0      | 132            | <b>6,861</b>  |
| R4  |        | 0      | 0      | 0      | 0     | 0   | 0       | 0      | 45  | 1     | 46      | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | <b>46</b>     |
| R5  | 690    | 119    | 9      | 11     | 5     | 2   | 836     | 84     | 0   | 84    | 1,416   | 3      | 4     | 4     | 8     | 6     | 0   | 17     | <b>2,353</b>   |               |
| R6  | 172    | 72     | 135    | 25     | 1     | 0   | 405     | 83     | 0   | 83    | 686     | 25     | 5     | 8     | 13    | 15    | 0   | 53     | <b>1,227</b>   |               |
| R7  | 264    | 28     | 1,083  | 57     | 0     | 0   | 1,432   | 76     | 1   | 77    | 2,426   | 40     | 3     | 6     | 9     | 11    | 0   | 60     | <b>3,985</b>   |               |
| 合計  | 82,798 | 52,339 | 26,163 | 13,832 | 408   | 132 | 175,672 | 4,780  | 65  | 4,845 | 297,590 | 6,365  | 1,970 | 2,486 | 4,456 | 3,211 | 0   | 14,032 | <b>492,139</b> |               |

※氾濫ブロックが重複する箇所は、被害額の大きい氾濫ブロックを選択。

氾濫ブロックが重複する箇所：鳴瀬川 R1 と吉田川 R1、選択ブロック：吉田川 R1

氾濫ブロックが重複する箇所：鳴瀬川 R2 と吉田川 L1、選択ブロック：鳴瀬川 R2

整備計画着手時 (H19年河道、現況ダム)

単位：百万円

| 氾濫<br>ブロック | 一般資産被害額 |      |       |    |       |    | 農作物被害額 |    |     | 公共土木<br>施設等<br>被害額 | 営業<br>停止<br>損失 | 家庭における<br>応急対策費用 |                |               | 事業所<br>における<br>応急対策<br>費用 | その他の<br>間接被害 | 小計 | 合計 |    |
|------------|---------|------|-------|----|-------|----|--------|----|-----|--------------------|----------------|------------------|----------------|---------------|---------------------------|--------------|----|----|----|
|            | 家屋      | 家庭用品 | 事業所資産 |    | 農漁家資産 |    | 小計     | 水稲 | 畑作物 |                    |                | 小計               | 清掃<br>労働<br>対価 | 代替<br>活動<br>等 |                           |              |    |    | 小計 |
|            |         |      | 償却    | 在庫 | 償却    | 在庫 |        |    |     |                    |                |                  |                |               |                           |              |    |    |    |

■ 確率規模 1/ 50

|     |         |        |        |        |       |     |         |        |     |       |         |        |       |       |       |       |     |        |                |               |           |
|-----|---------|--------|--------|--------|-------|-----|---------|--------|-----|-------|---------|--------|-------|-------|-------|-------|-----|--------|----------------|---------------|-----------|
| 鳴瀬川 | L1      | 10,813 | 7,186  | 1,833  | 882   | 44  | 14      | 20,772 | 300 | 22    | 322     | 35,188 | 681   | 307   | 469   | 776   | 436 | 0      | 1,893          | <b>58,176</b> |           |
|     | L2      | 356    | 145    | 0      | 0     | 2   | 1       | 504    | 30  | 0     | 30      | 854    | 0     | 5     | 4     | 9     | 0   | 0      | 9              | <b>1,397</b>  |           |
|     | L3      | 1,588  | 930    | 99     | 73    | 31  | 10      | 2,731  | 478 | 8     | 486     | 4,626  | 38    | 33    | 49    | 82    | 46  | 0      | 166            | <b>8,008</b>  |           |
|     | L4      | 1,525  | 910    | 311    | 148   | 18  | 6       | 2,918  | 497 | 6     | 503     | 4,943  | 137   | 40    | 60    | 100   | 67  | 0      | 304            | <b>8,688</b>  |           |
|     | L5      | 10,069 | 7,056  | 4,389  | 1,866 | 30  | 10      | 23,420 | 550 | 5     | 555     | 39,673 | 995   | 256   | 379   | 635   | 452 | 0      | 2,082          | <b>65,730</b> |           |
|     | L6      | 13,555 | 9,234  | 3,143  | 991   | 32  | 10      | 26,965 | 353 | 4     | 357     | 45,679 | 619   | 334   | 356   | 690   | 496 | 0      | 1,805          | <b>74,806</b> |           |
|     | L7      | 16,621 | 9,670  | 4,197  | 1,592 | 42  | 14      | 32,136 | 290 | 2     | 292     | 54,438 | 1,524 | 393   | 635   | 1,028 | 496 | 0      | 3,048          | <b>89,914</b> |           |
|     | L8      | 12,080 | 5,301  | 9,974  | 7,498 | 50  | 16      | 34,919 | 230 | 2     | 232     | 59,153 | 2,217 | 192   | 201   | 393   | 528 | 0      | 3,138          | <b>97,442</b> |           |
|     | L9      | 2,785  | 1,537  | 84     | 44    | 32  | 11      | 4,493  | 343 | 2     | 345     | 7,611  | 33    | 57    | 71    | 128   | 60  | 0      | 221            | <b>12,670</b> |           |
|     | R1      | 0      | 0      | 0      | 0     | 0   | 0       | 0      | 0   | 0     | 0       | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | 0             | <b>0</b>  |
|     | R2      | 15,935 | 11,247 | 2,488  | 1,699 | 73  | 22      | 31,464 | 675 | 12    | 687     | 53,300 | 752   | 405   | 369   | 774   | 732 | 0      | 2,258          | <b>87,709</b> |           |
|     | R3      | 11,570 | 7,964  | 601    | 319   | 86  | 25      | 20,565 | 471 | 10    | 481     | 34,837 | 180   | 286   | 273   | 559   | 268 | 0      | 1,007          | <b>56,890</b> |           |
|     | R4      | 2,295  | 1,532  | 276    | 142   | 29  | 10      | 4,284  | 211 | 2     | 213     | 7,257  | 66    | 57    | 64    | 121   | 60  | 0      | 247            | <b>12,001</b> |           |
|     | R5      | 2,579  | 1,160  | 835    | 539   | 17  | 5       | 5,135  | 66  | 1     | 67      | 8,699  | 207   | 42    | 38    | 80    | 102 | 0      | 389            | <b>14,290</b> |           |
|     | 吉田川     | L1     | 0      | 0      | 0     | 0   | 0       | 0      | 0   | 0     | 0       | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | 0             | <b>0</b>  |
| L2  |         | 1,191  | 589    | 77     | 43    | 8   | 3       | 1,921  | 224 | 2     | 226     | 3,254  | 26    | 21    | 26    | 47    | 40  | 0      | 113            | <b>5,514</b>  |           |
| L3  |         | 505    | 431    | 76     | 13    | 10  | 3       | 1,038  | 175 | 0     | 175     | 1,758  | 14    | 15    | 16    | 31    | 21  | 0      | 66             | <b>3,037</b>  |           |
| L4  |         | 1,022  | 378    | 831    | 258   | 2   | 1       | 2,492  | 19  | 0     | 19      | 4,221  | 280   | 19    | 34    | 53    | 69  | 0      | 402            | <b>7,134</b>  |           |
| R1  |         | 1,147  | 567    | 46     | 63    | 13  | 4       | 1,840  | 53  | 2     | 55      | 3,117  | 22    | 21    | 19    | 40    | 33  | 0      | 95             | <b>5,107</b>  |           |
| R2  |         | 0      | 0      | 0      | 0     | 0   | 0       | 0      | 15  | 0     | 15      | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | 0             | <b>15</b> |
| R3  |         | 2,240  | 1,023  | 117    | 85    | 18  | 5       | 3,488  | 89  | 1     | 90      | 5,909  | 42    | 39    | 31    | 70    | 99  | 0      | 211            | <b>9,698</b>  |           |
| R4  |         | 27     | 24     | 1      | 1     | 1   | 0       | 54     | 49  | 2     | 51      | 91     | 0     | 1     | 2     | 3     | 1   | 0      | 4              | <b>200</b>    |           |
| R5  | 748     | 127    | 12     | 14     | 5     | 2   | 908     | 86     | 0   | 86    | 1,538   | 5      | 5     | 5     | 10    | 7     | 0   | 22     | <b>2,554</b>   |               |           |
| R6  | 453     | 276    | 531    | 65     | 5     | 1   | 1,331   | 116    | 0   | 116   | 2,255   | 44     | 11    | 16    | 27    | 34    | 0   | 105    | <b>3,807</b>   |               |           |
| R7  | 269     | 31     | 1,084  | 58     | 0     | 0   | 1,442   | 85     | 1   | 86    | 2,443   | 41     | 4     | 7     | 11    | 12    | 0   | 64     | <b>4,036</b>   |               |           |
| 合計  | 109,373 | 67,328 | 31,005 | 16,393 | 548   | 173 | 224,820 | 5,405  | 84  | 5,489 | 380,844 | 7,923  | 2,543 | 3,124 | 5,667 | 4,059 | 0   | 17,649 | <b>628,802</b> |               |           |

■ 確率規模 1/ 100

|     |         |        |        |        |       |     |         |        |     |       |         |        |       |       |       |       |     |        |                |                |           |
|-----|---------|--------|--------|--------|-------|-----|---------|--------|-----|-------|---------|--------|-------|-------|-------|-------|-----|--------|----------------|----------------|-----------|
| 鳴瀬川 | L1      | 13,283 | 8,996  | 2,180  | 1,021 | 60  | 19      | 25,559 | 334 | 25    | 359     | 43,297 | 803   | 374   | 565   | 939   | 526 | 0      | 2,268          | <b>71,483</b>  |           |
|     | L2      | 356    | 145    | 0      | 0     | 2   | 1       | 504    | 30  | 0     | 30      | 854    | 0     | 5     | 4     | 9     | 0   | 0      | 9              | <b>1,397</b>   |           |
|     | L3      | 1,748  | 1,127  | 105    | 78    | 35  | 12      | 3,105  | 482 | 9     | 491     | 5,260  | 40    | 40    | 55    | 95    | 52  | 0      | 187            | <b>9,043</b>   |           |
|     | L4      | 1,844  | 973    | 364    | 172   | 18  | 6       | 3,377  | 598 | 8     | 606     | 5,721  | 163   | 48    | 77    | 125   | 82  | 0      | 370            | <b>10,074</b>  |           |
|     | L5      | 12,806 | 9,409  | 5,868  | 2,594 | 36  | 13      | 30,726 | 557 | 5     | 562     | 52,050 | 1,224 | 337   | 443   | 780   | 642 | 0      | 2,646          | <b>85,984</b>  |           |
|     | L6      | 14,523 | 9,631  | 3,220  | 1,030 | 34  | 11      | 28,449 | 373 | 4     | 377     | 48,193 | 642   | 347   | 366   | 713   | 517 | 0      | 1,872          | <b>78,801</b>  |           |
|     | L7      | 22,164 | 14,150 | 5,798  | 2,318 | 51  | 18      | 44,499 | 303 | 2     | 305     | 75,391 | 1,862 | 560   | 867   | 1,427 | 678 | 0      | 3,967          | <b>124,152</b> |           |
|     | L8      | 12,159 | 5,361  | 9,995  | 7,507 | 52  | 16      | 35,090 | 232 | 2     | 234     | 59,442 | 2,221 | 195   | 203   | 398   | 534 | 0      | 3,153          | <b>97,919</b>  |           |
|     | L9      | 3,229  | 1,798  | 103    | 56    | 38  | 13      | 5,237  | 364 | 2     | 366     | 8,871  | 38    | 65    | 78    | 143   | 69  | 0      | 250            | <b>14,724</b>  |           |
|     | R1      | 0      | 0      | 0      | 0     | 0   | 0       | 0      | 0   | 0     | 0       | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | 0              | <b>0</b>  |
|     | R2      | 18,251 | 12,037 | 2,656  | 1,845 | 86  | 27      | 34,902 | 711 | 13    | 724     | 59,124 | 854   | 441   | 406   | 847   | 810 | 0      | 2,511          | <b>97,281</b>  |           |
|     | R3      | 15,441 | 9,877  | 781    | 405   | 98  | 28      | 26,630 | 473 | 10    | 483     | 45,111 | 247   | 355   | 306   | 661   | 348 | 0      | 1,256          | <b>73,490</b>  |           |
|     | R4      | 2,499  | 1,612  | 300    | 160   | 31  | 10      | 4,612  | 231 | 2     | 233     | 7,813  | 72    | 62    | 68    | 130   | 64  | 0      | 266            | <b>12,924</b>  |           |
|     | R5      | 3,442  | 1,503  | 909    | 585   | 22  | 6       | 6,467  | 71  | 1     | 72      | 10,955 | 247   | 52    | 45    | 97    | 118 | 0      | 462            | <b>17,956</b>  |           |
|     | 吉田川     | L1     | 0      | 0      | 0     | 0   | 0       | 0      | 0   | 0     | 0       | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | 0              | <b>0</b>  |
| L2  |         | 1,216  | 604    | 78     | 44    | 8   | 3       | 1,953  | 249 | 3     | 252     | 3,308  | 26    | 22    | 26    | 48    | 40  | 0      | 114            | <b>5,627</b>   |           |
| L3  |         | 732    | 548    | 121    | 25    | 13  | 4       | 1,443  | 183 | 0     | 183     | 2,444  | 22    | 20    | 19    | 39    | 29  | 0      | 90             | <b>4,180</b>   |           |
| L4  |         | 1,310  | 691    | 1,272  | 433   | 4   | 1       | 3,711  | 22  | 0     | 22      | 6,286  | 342   | 27    | 42    | 69    | 98  | 0      | 509            | <b>10,528</b>  |           |
| R1  |         | 1,421  | 651    | 47     | 68    | 16  | 5       | 2,208  | 53  | 2     | 55      | 3,740  | 24    | 23    | 19    | 42    | 38  | 0      | 104            | <b>6,107</b>   |           |
| R2  |         | 0      | 0      | 0      | 0     | 0   | 0       | 0      | 15  | 0     | 15      | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | 0              | <b>15</b> |
| R3  |         | 2,323  | 1,057  | 122    | 88    | 19  | 5       | 3,614  | 92  | 1     | 93      | 6,122  | 43    | 40    | 33    | 73    | 100 | 0      | 216            | <b>10,045</b>  |           |
| R4  |         | 27     | 24     | 1      | 1     | 1   | 0       | 54     | 50  | 2     | 52      | 91     | 0     | 1     | 2     | 3     | 1   | 0      | 4              | <b>201</b>     |           |
| R5  | 1,152   | 215    | 56     | 30     | 7     | 2   | 1,462   | 88     | 0   | 88    | 2,477   | 20     | 9     | 11    | 20    | 17    | 0   | 57     | <b>4,084</b>   |                |           |
| R6  | 1,324   | 607    | 998    | 141    | 8     | 3   | 3,081   | 186    | 0   | 186   | 5,219   | 80     | 23    | 29    | 52    | 54    | 0   | 186    | <b>8,672</b>   |                |           |
| R7  | 283     | 34     | 1,090  | 60     | 0     | 0   | 1,467   | 87     | 1   | 88    | 2,485   | 42     | 4     | 7     | 11    | 13    | 0   | 66     | <b>4,106</b>   |                |           |
| 合計  | 131,533 | 81,050 | 36,064 | 18,661 | 639   | 203 | 268,150 | 5,784  | 92  | 5,876 | 454,244 | 9,012  | 3,050 | 3,671 | 6,721 | 4,830 | 0   | 20,583 | <b>748,833</b> |                |           |

※氾濫ブロックが重複する箇所は、被害額の大きい氾濫ブロックを選択。

氾濫ブロックが重複する箇所：鳴瀬川 R1 と吉田川 R1、選択ブロック：吉田川 R1

氾濫ブロックが重複する箇所：鳴瀬川 R2 と吉田川 L1、選択ブロック：鳴瀬川 R2

整備計画着手時 (H19年河道、現況ダム)

単位：百万円

| 氾濫<br>ブロック | 一般資産被害額 |      |       |    |       |    |    |    | 農作物被害額 |    |                | 公共土木<br>施設等<br>被害額 | 営業<br>停止<br>損失 | 家庭における<br>応急対策費用 |    |  |  | 事業所<br>における<br>応急対策<br>費用 | その他の<br>間接被害 | 小計 | 合計 |
|------------|---------|------|-------|----|-------|----|----|----|--------|----|----------------|--------------------|----------------|------------------|----|--|--|---------------------------|--------------|----|----|
|            | 家屋      | 家庭用品 | 事業所資産 |    | 農漁家資産 |    | 小計 | 水稻 | 畑作物    | 小計 | 清掃<br>労働<br>対価 |                    |                | 代替<br>活動<br>等    | 小計 |  |  |                           |              |    |    |
|            |         |      | 償却    | 在庫 | 償却    | 在庫 |    |    |        |    |                |                    |                |                  |    |  |  |                           |              |    |    |

■ 確率規模1/100

|     |         |        |        |        |       |     |         |        |     |       |         |        |       |       |       |       |     |        |                |                |
|-----|---------|--------|--------|--------|-------|-----|---------|--------|-----|-------|---------|--------|-------|-------|-------|-------|-----|--------|----------------|----------------|
| 鳴瀬川 | L1      | 13,840 | 9,444  | 2,262  | 1,041 | 64  | 20      | 26,671 | 347 | 26    | 373     | 45,181 | 818   | 386   | 581   | 967   | 538 | 0      | 2,323          | <b>74,548</b>  |
|     | L2      | 356    | 145    | 0      | 0     | 2   | 1       | 504    | 30  | 0     | 30      | 854    | 0     | 5     | 4     | 9     | 0   | 0      | 9              | <b>1,397</b>   |
|     | L3      | 1,862  | 1,249  | 141    | 104   | 39  | 13      | 3,408  | 482 | 9     | 491     | 5,773  | 45    | 44    | 58    | 102   | 60  | 0      | 207            | <b>9,879</b>   |
|     | L4      | 2,017  | 1,088  | 378    | 175   | 22  | 7       | 3,687  | 612 | 8     | 620     | 6,246  | 172   | 52    | 83    | 135   | 90  | 0      | 397            | <b>10,950</b>  |
|     | L5      | 14,339 | 10,672 | 7,122  | 3,647 | 40  | 14      | 35,834 | 561 | 5     | 566     | 60,703 | 1,441 | 385   | 476   | 861   | 774 | 0      | 3,076          | <b>100,179</b> |
|     | L6      | 15,686 | 10,177 | 3,351  | 1,100 | 36  | 11      | 30,261 | 386 | 6     | 392     | 51,432 | 709   | 370   | 385   | 755   | 551 | 0      | 2,015          | <b>84,200</b>  |
|     | L7      | 26,914 | 17,377 | 7,503  | 3,039 | 59  | 21      | 54,913 | 307 | 2     | 309     | 83,023 | 2,203 | 656   | 973   | 1,629 | 860 | 0      | 4,692          | <b>152,937</b> |
|     | L8      | 12,629 | 5,741  | 10,077 | 7,554 | 52  | 17      | 36,070 | 232 | 2     | 234     | 61,103 | 2,237 | 211   | 212   | 423   | 571 | 0      | 3,231          | <b>100,638</b> |
|     | L9      | 3,249  | 1,842  | 104    | 57    | 39  | 13      | 5,304  | 367 | 2     | 369     | 8,985  | 38    | 66    | 79    | 145   | 70  | 0      | 253            | <b>14,911</b>  |
|     | R1      | 0      | 0      | 0      | 0     | 0   | 0       | 0      | 0   | 0     | 0       | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | <b>0</b>       |
|     | R2      | 19,319 | 12,418 | 2,680  | 1,874 | 101 | 30      | 36,422 | 718 | 13    | 731     | 61,699 | 862   | 452   | 411   | 863   | 824 | 0      | 2,549          | <b>101,401</b> |
|     | R3      | 16,232 | 10,375 | 798    | 416   | 100 | 29      | 27,950 | 475 | 11    | 486     | 47,347 | 254   | 370   | 315   | 685   | 364 | 0      | 1,303          | <b>77,086</b>  |
|     | R4      | 2,540  | 1,743  | 357    | 191   | 31  | 11      | 4,873  | 234 | 2     | 236     | 8,255  | 80    | 65    | 71    | 136   | 71  | 0      | 287            | <b>13,651</b>  |
|     | R5      | 3,962  | 1,685  | 999    | 632   | 22  | 6       | 7,306  | 72  | 1     | 73      | 12,376 | 263   | 60    | 49    | 109   | 140 | 0      | 512            | <b>20,267</b>  |
|     | L1      | 0      | 0      | 0      | 0     | 0   | 0       | 0      | 0   | 0     | 0       | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | <b>0</b>       |
| 吉田川 | L2      | 1,354  | 648    | 86     | 50    | 8   | 3       | 2,149  | 249 | 3     | 252     | 3,640  | 29    | 24    | 27    | 51    | 46  | 0      | 126            | <b>6,167</b>   |
|     | L3      | 809    | 606    | 142    | 33    | 15  | 5       | 1,610  | 192 | 0     | 192     | 2,727  | 32    | 23    | 22    | 45    | 35  | 0      | 112            | <b>4,641</b>   |
|     | L4      | 1,410  | 773    | 1,423  | 488   | 4   | 1       | 4,099  | 28  | 0     | 28      | 6,944  | 376   | 29    | 44    | 73    | 117 | 0      | 566            | <b>11,637</b>  |
|     | R1      | 1,564  | 748    | 49     | 74    | 18  | 5       | 2,458  | 54  | 2     | 56      | 4,164  | 26    | 26    | 20    | 46    | 40  | 0      | 112            | <b>6,790</b>   |
|     | R2      | 0      | 0      | 0      | 0     | 0   | 0       | 0      | 15  | 0     | 15      | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | <b>15</b>      |
|     | R3      | 2,392  | 1,117  | 123    | 89    | 19  | 5       | 3,745  | 92  | 1     | 93      | 6,344  | 44    | 42    | 35    | 77    | 101 | 0      | 222            | <b>10,404</b>  |
|     | R4      | 34     | 55     | 1      | 1     | 1   | 0       | 92     | 51  | 3     | 54      | 156    | 1     | 2     | 2     | 4     | 2   | 0      | 7              | <b>309</b>     |
|     | R5      | 1,258  | 294    | 82     | 39    | 8   | 2       | 1,683  | 88  | 0     | 88      | 2,851  | 24    | 11    | 14    | 25    | 20  | 0      | 69             | <b>4,691</b>   |
| R6  | 1,614   | 766    | 1,024  | 157    | 10    | 3   | 3,574   | 190    | 0   | 190   | 6,054   | 87     | 28    | 32    | 60    | 65    | 0   | 212    | <b>10,030</b>  |                |
| R7  | 296     | 38     | 1,124  | 74     | 1     | 0   | 1,533   | 89     | 1   | 90    | 2,597   | 46     | 4     | 7     | 11    | 15    | 0   | 72     | <b>4,292</b>   |                |
| 合計  | 143,676 | 89,001 | 39,826 | 20,835 | 691   | 217 | 294,246 | 5,871  | 97  | 5,968 | 498,454 | 9,787  | 3,311 | 3,900 | 7,211 | 5,354 | 0   | 22,352 | <b>821,020</b> |                |

※氾濫ブロックが重複する箇所は、被害額の大きい氾濫ブロックを選択。

氾濫ブロックが重複する箇所：鳴瀬川 R1 と吉田川 R1、選択ブロック：吉田川 R1

氾濫ブロックが重複する箇所：鳴瀬川 R2 と吉田川 L1、選択ブロック：鳴瀬川 R2

現況河道（H27年河道、現況ダム）

単位：百万円

| 氾濫<br>ブロック | 一般資産被害額 |      |       |    |       |    |    | 農作物被害額 |     |    | 公共土木<br>施設等<br>被害額 | 営業<br>停止<br>損失 | 家庭における<br>応急対策費用 |               |    | 事業所<br>における<br>応急対策<br>費用 | その他の<br>間接被害 | 小計 | 合計 |
|------------|---------|------|-------|----|-------|----|----|--------|-----|----|--------------------|----------------|------------------|---------------|----|---------------------------|--------------|----|----|
|            | 家屋      | 家庭用品 | 事業所資産 |    | 農漁家資産 |    | 小計 | 水稻     | 畑作物 | 小計 |                    |                | 清掃<br>労働<br>対価   | 代替<br>活動<br>等 | 小計 |                           |              |    |    |
|            |         |      | 償却    | 在庫 | 償却    | 在庫 |    |        |     |    |                    |                |                  |               |    |                           |              |    |    |

■ 確率規模1/ 5

|     |     |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----|-----|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 鳴瀬川 | L1  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L2  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L3  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L4  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L5  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L6  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L7  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L8  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L9  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | R1  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | R2  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | R3  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | R4  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | R5  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | 吉田川 | L1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| L2  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| L3  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| L4  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| R1  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| R2  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| R3  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| R4  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| R5  | 0   | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| R6  | 0   | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| R7  | 0   | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| 合計  | 0   | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

■ 確率規模1/ 10

|     |       |       |       |       |       |    |        |        |     |     |        |        |       |     |     |     |     |       |        |        |
|-----|-------|-------|-------|-------|-------|----|--------|--------|-----|-----|--------|--------|-------|-----|-----|-----|-----|-------|--------|--------|
| 鳴瀬川 | L1    | 2,581 | 1,773 | 398   | 234   | 10 | 3      | 4,999  | 112 | 8   | 120    | 8,468  | 130   | 77  | 115 | 192 | 118 | 0     | 440    | 14,027 |
|     | L2    | 0     | 0     | 0     | 0     | 0  | 0      | 0      | 0   | 0   | 0      | 0      | 0     | 0   | 0   | 0   | 0   | 0     | 0      | 0      |
|     | L3    | 0     | 0     | 0     | 0     | 0  | 0      | 0      | 0   | 0   | 0      | 0      | 0     | 0   | 0   | 0   | 0   | 0     | 0      | 0      |
|     | L4    | 0     | 0     | 0     | 0     | 0  | 0      | 0      | 0   | 0   | 0      | 0      | 0     | 0   | 0   | 0   | 0   | 0     | 0      | 0      |
|     | L5    | 0     | 0     | 0     | 0     | 0  | 0      | 0      | 0   | 0   | 0      | 0      | 0     | 0   | 0   | 0   | 0   | 0     | 0      | 0      |
|     | L6    | 0     | 0     | 0     | 0     | 0  | 0      | 0      | 0   | 0   | 0      | 0      | 0     | 0   | 0   | 0   | 0   | 0     | 0      | 0      |
|     | L7    | 0     | 0     | 0     | 0     | 0  | 0      | 0      | 0   | 0   | 0      | 0      | 0     | 0   | 0   | 0   | 0   | 0     | 0      | 0      |
|     | L8    | 4,097 | 1,720 | 6,089 | 3,751 | 22 | 8      | 15,687 | 214 | 2   | 216    | 26,574 | 1,126 | 66  | 107 | 173 | 185 | 0     | 1,484  | 43,981 |
|     | L9    | 0     | 0     | 0     | 0     | 0  | 0      | 0      | 0   | 0   | 0      | 0      | 0     | 0   | 0   | 0   | 0   | 0     | 0      | 0      |
|     | R1    | 0     | 0     | 0     | 0     | 0  | 0      | 0      | 0   | 0   | 0      | 0      | 0     | 0   | 0   | 0   | 0   | 0     | 0      | 0      |
|     | R2    | 0     | 0     | 0     | 0     | 0  | 0      | 0      | 0   | 0   | 0      | 0      | 0     | 0   | 0   | 0   | 0   | 0     | 0      | 0      |
|     | R3    | 0     | 0     | 0     | 0     | 0  | 0      | 0      | 0   | 0   | 0      | 0      | 0     | 0   | 0   | 0   | 0   | 0     | 0      | 0      |
|     | R4    | 0     | 0     | 0     | 0     | 0  | 0      | 0      | 0   | 0   | 0      | 0      | 0     | 0   | 0   | 0   | 0   | 0     | 0      | 0      |
|     | R5    | 498   | 262   | 439   | 246   | 5  | 2      | 1,452  | 41  | 0   | 41     | 2,460  | 86    | 11  | 13  | 24  | 26  | 0     | 136    | 4,088  |
|     | 吉田川   | L1    | 0     | 0     | 0     | 0  | 0      | 0      | 0   | 0   | 0      | 0      | 0     | 0   | 0   | 0   | 0   | 0     | 0      | 0      |
| L2  |       | 0     | 0     | 0     | 0     | 0  | 0      | 0      | 0   | 0   | 0      | 0      | 0     | 0   | 0   | 0   | 0   | 0     | 0      | 0      |
| L3  |       | 0     | 0     | 0     | 0     | 0  | 0      | 0      | 0   | 0   | 0      | 0      | 0     | 0   | 0   | 0   | 0   | 0     | 0      | 0      |
| L4  |       | 29    | 12    | 26    | 4     | 0  | 0      | 71     | 5   | 0   | 3      | 120    | 10    | 2   | 3   | 3   | 3   | 0     | 18     | 214    |
| R1  |       | 0     | 0     | 0     | 0     | 0  | 0      | 0      | 0   | 0   | 0      | 0      | 0     | 0   | 0   | 0   | 0   | 0     | 0      | 0      |
| R2  |       | 0     | 0     | 0     | 0     | 0  | 0      | 0      | 0   | 0   | 0      | 0      | 0     | 0   | 0   | 0   | 0   | 0     | 0      | 0      |
| R3  |       | 0     | 0     | 0     | 0     | 0  | 0      | 0      | 0   | 0   | 0      | 0      | 0     | 0   | 0   | 0   | 0   | 0     | 0      | 0      |
| R4  |       | 0     | 0     | 0     | 0     | 0  | 0      | 0      | 0   | 0   | 0      | 0      | 0     | 0   | 0   | 0   | 0   | 0     | 0      | 0      |
| R5  | 0     | 0     | 0     | 0     | 0     | 0  | 0      | 0      | 0   | 0   | 0      | 0      | 0     | 0   | 0   | 0   | 0   | 0     | 0      |        |
| R6  | 0     | 0     | 0     | 0     | 0     | 0  | 0      | 0      | 0   | 0   | 0      | 0      | 0     | 0   | 0   | 0   | 0   | 0     | 0      |        |
| R7  | 0     | 0     | 0     | 0     | 0     | 0  | 0      | 0      | 0   | 0   | 0      | 0      | 0     | 0   | 0   | 0   | 0   | 0     | 0      |        |
| 合計  | 7,205 | 3,767 | 6,952 | 4,235 | 37    | 13 | 22,209 | 372    | 10  | 382 | 37,622 | 1,352  | 156   | 238 | 394 | 332 | 0   | 2,078 | 62,291 |        |

※氾濫ブロックが重複する箇所は、被害額の大きい氾濫ブロックを選択。

氾濫ブロックが重複する箇所：鳴瀬川 R1 と吉田川 R1、選択ブロック：吉田川 R1

氾濫ブロックが重複する箇所：鳴瀬川 R2 と吉田川 L1、選択ブロック：鳴瀬川 R2

現況河道 (H27年河道、現況ダム)

単位：百万円

| 氾濫<br>ブロック | 一般資産被害額 |      |       |    |       |    |    | 農作物被害額 |     |    | 公共土木<br>施設等<br>被害額 | 営業<br>停止<br>損失 | 家庭における<br>応急対策費用 |               |    | 事業所<br>における<br>応急対策<br>費用 | その他の<br>間接被害 | 小計 | 合計 |
|------------|---------|------|-------|----|-------|----|----|--------|-----|----|--------------------|----------------|------------------|---------------|----|---------------------------|--------------|----|----|
|            | 家屋      | 家庭用品 | 事業所資産 |    | 農漁家資産 |    | 小計 | 水稻     | 畑作物 | 小計 |                    |                | 清掃<br>労働<br>対価   | 代替<br>活動<br>等 | 小計 |                           |              |    |    |
|            |         |      | 償却    | 在庫 | 償却    | 在庫 |    |        |     |    |                    |                |                  |               |    |                           |              |    |    |

■ 確率規模 1/ 20

|     |        |        |        |       |       |    |         |        |     |       |         |        |       |       |       |       |     |       |                |               |
|-----|--------|--------|--------|-------|-------|----|---------|--------|-----|-------|---------|--------|-------|-------|-------|-------|-----|-------|----------------|---------------|
| 鳴瀬川 | L1     | 5,805  | 4,155  | 1,067 | 545   | 23 | 8       | 11,603 | 222 | 11    | 237     | 19,655 | 414   | 159   | 230   | 389   | 260 | 0     | 1,063          | <b>32,664</b> |
|     | L2     | 0      | 0      | 0     | 0     | 0  | 0       | 0      | 0   | 0     | 0       | 0      | 0     | 0     | 0     | 0     | 0   | 0     | 0              | <b>0</b>      |
|     | L3     | 685    | 348    | 53    | 31    | 12 | 4       | 1,133  | 429 | 5     | 434     | 1,919  | 21    | 15    | 26    | 41    | 17  | 0     | 79             | <b>3,585</b>  |
|     | L4     | 1,254  | 694    | 243   | 111   | 15 | 5       | 2,322  | 334 | 2     | 336     | 3,933  | 123   | 32    | 50    | 82    | 54  | 0     | 259            | <b>6,850</b>  |
|     | L5     | 4,925  | 2,393  | 1,881 | 775   | 12 | 4       | 9,990  | 449 | 4     | 453     | 16,923 | 584   | 118   | 203   | 321   | 183 | 0     | 1,088          | <b>28,454</b> |
|     | L6     | 9,716  | 6,777  | 2,562 | 745   | 20 | 7       | 19,827 | 302 | 3     | 305     | 33,597 | 484   | 254   | 290   | 544   | 370 | 0     | 1,398          | <b>65,117</b> |
|     | L7     | 7,193  | 3,594  | 1,720 | 539   | 23 | 7       | 13,076 | 242 | 1     | 243     | 22,151 | 659   | 178   | 317   | 495   | 227 | 0     | 1,381          | <b>36,851</b> |
|     | L8     | 6,937  | 3,339  | 7,890 | 5,161 | 33 | 12      | 23,372 | 223 | 2     | 225     | 39,592 | 1,502 | 116   | 157   | 273   | 326 | 0     | 2,101          | <b>65,290</b> |
|     | L9     | 1,747  | 898    | 50    | 27    | 22 | 7       | 2,751  | 294 | 0     | 294     | 4,660  | 23    | 37    | 55    | 92    | 33  | 0     | 148            | <b>7,863</b>  |
|     | R1     | 0      | 0      | 0     | 0     | 0  | 0       | 0      | 0   | 0     | 0       | 0      | 0     | 0     | 0     | 0     | 0   | 0     | 0              | <b>0</b>      |
|     | R2     | 6,638  | 2,112  | 373   | 342   | 40 | 13      | 9,518  | 272 | 7     | 279     | 16,123 | 98    | 76    | 78    | 154   | 108 | 0     | 360            | <b>26,200</b> |
|     | R3     | 5,608  | 4,487  | 392   | 190   | 46 | 16      | 10,739 | 451 | 9     | 460     | 18,192 | 116   | 157   | 202   | 359   | 139 | 0     | 614            | <b>30,005</b> |
|     | R4     | 1,170  | 778    | 113   | 50    | 18 | 6       | 2,135  | 169 | 1     | 170     | 3,617  | 29    | 29    | 39    | 68    | 21  | 0     | 118            | <b>6,040</b>  |
|     | R5     | 1,191  | 614    | 644   | 389   | 9  | 3       | 2,850  | 49  | 1     | 50      | 4,828  | 133   | 22    | 23    | 45    | 54  | 0     | 232            | <b>7,980</b>  |
|     | 吉田川    | L1     | 0      | 0     | 0     | 0  | 0       | 0      | 0   | 0     | 0       | 0      | 0     | 0     | 0     | 0     | 0   | 0     | 0              | <b>0</b>      |
| L2  |        | 0      | 0      | 0     | 0     | 0  | 0       | 0      | 0   | 0     | 0       | 0      | 0     | 0     | 0     | 0     | 0   | 0     | <b>0</b>       |               |
| L3  |        | 211    | 176    | 21    | 3     | 4  | 1       | 416    | 118 | 0     | 118     | 705    | 6     | 7     | 9     | 16    | 9   | 0     | 31             | <b>1,270</b>  |
| L4  |        | 386    | 83     | 315   | 98    | 0  | 0       | 882    | 14  | 0     | 14      | 1,494  | 138   | 9     | 18    | 27    | 27  | 0     | 192            | <b>2,582</b>  |
| R1  |        | 0      | 0      | 0     | 0     | 0  | 0       | 0      | 0   | 0     | 0       | 0      | 0     | 0     | 0     | 0     | 0   | 0     | 0              | <b>0</b>      |
| R2  |        | 0      | 0      | 0     | 0     | 0  | 0       | 0      | 14  | 0     | 14      | 0      | 0     | 0     | 0     | 0     | 0   | 0     | 0              | <b>14</b>     |
| R3  |        | 0      | 0      | 0     | 0     | 0  | 0       | 0      | 0   | 0     | 0       | 0      | 0     | 0     | 0     | 0     | 0   | 0     | 0              | <b>0</b>      |
| R4  |        | 0      | 0      | 0     | 0     | 0  | 0       | 0      | 42  | 1     | 43      | 0      | 0     | 0     | 0     | 0     | 0   | 0     | 0              | <b>43</b>     |
| R5  | 560    | 80     | 4      | 3     | 5     | 1  | 653     | 79     | 0   | 79    | 1,106   | 2      | 3     | 3     | 6     | 2     | 0   | 10    | <b>1,848</b>   |               |
| R6  | 67     | 29     | 13     | 8     | 1     | 0  | 118     | 69     | 0   | 69    | 200     | 6      | 2     | 3     | 5     | 4     | 0   | 15    | <b>402</b>     |               |
| R7  | 145    | 21     | 611    | 23    | 0     | 0  | 800     | 62     | 1   | 63    | 1,355   | 20     | 3     | 5     | 8     | 6     | 0   | 34    | <b>2,252</b>   |               |
| 合計  | 54,238 | 30,578 | 17,952 | 9,040 | 283   | 94 | 112,185 | 3,834  | 48  | 3,882 | 190,040 | 4,358  | 1,217 | 1,708 | 2,925 | 1,840 | 0   | 9,123 | <b>315,230</b> |               |

■ 確率規模 1/ 30

|     |        |        |        |        |       |     |         |        |     |       |         |        |       |       |       |       |     |        |                |               |
|-----|--------|--------|--------|--------|-------|-----|---------|--------|-----|-------|---------|--------|-------|-------|-------|-------|-----|--------|----------------|---------------|
| 鳴瀬川 | L1     | 7,994  | 5,453  | 1,456  | 727   | 29  | 10      | 15,669 | 255 | 19    | 274     | 26,543 | 536   | 216   | 307   | 527   | 345 | 0      | 1,404          | <b>43,890</b> |
|     | L2     | 0      | 0      | 0      | 0     | 0   | 0       | 0      | 0   | 0     | 0       | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | <b>0</b>      |
|     | L3     | 1,096  | 508    | 68     | 42    | 17  | 5       | 1,736  | 449 | 6     | 455     | 2,941  | 29    | 21    | 35    | 56    | 28  | 0      | 113            | <b>5,245</b>  |
|     | L4     | 1,360  | 751    | 281    | 131   | 16  | 5       | 2,544  | 401 | 3     | 404     | 4,310  | 130   | 34    | 53    | 87    | 58  | 0      | 275            | <b>7,533</b>  |
|     | L5     | 7,907  | 5,286  | 3,223  | 1,257 | 23  | 8       | 17,704 | 514 | 5     | 519     | 29,991 | 829   | 196   | 321   | 517   | 341 | 0      | 1,687          | <b>49,901</b> |
|     | L6     | 11,569 | 8,023  | 3,005  | 897   | 25  | 8       | 23,527 | 330 | 3     | 333     | 39,855 | 578   | 296   | 328   | 624   | 456 | 0      | 1,658          | <b>65,373</b> |
|     | L7     | 10,961 | 6,001  | 2,507  | 872   | 32  | 11      | 20,384 | 266 | 1     | 267     | 34,530 | 835   | 250   | 429   | 679   | 311 | 0      | 1,825          | <b>57,006</b> |
|     | L8     | 9,623  | 4,417  | 9,658  | 7,122 | 40  | 14      | 30,874 | 227 | 2     | 229     | 52,301 | 2,001 | 161   | 183   | 344   | 466 | 0      | 2,811          | <b>86,215</b> |
|     | L9     | 2,206  | 1,167  | 67     | 37    | 28  | 9       | 3,514  | 321 | 2     | 323     | 5,953  | 27    | 45    | 62    | 107   | 45  | 0      | 179            | <b>9,989</b>  |
|     | R1     | 0      | 0      | 0      | 0     | 0   | 0       | 0      | 0   | 0     | 0       | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | <b>0</b>      |
|     | R2     | 7,307  | 2,447  | 394    | 367   | 46  | 15      | 10,576 | 466 | 8     | 474     | 17,916 | 110   | 87    | 90    | 177   | 116 | 0      | 403            | <b>29,389</b> |
|     | R3     | 8,102  | 6,064  | 455    | 227   | 63  | 20      | 14,931 | 464 | 9     | 473     | 25,293 | 132   | 218   | 237   | 455   | 186 | 0      | 773            | <b>41,470</b> |
|     | R4     | 1,414  | 1,053  | 188    | 89    | 22  | 8       | 2,774  | 182 | 2     | 184     | 4,699  | 48    | 38    | 50    | 88    | 34  | 0      | 170            | <b>7,827</b>  |
|     | R5     | 1,950  | 904    | 721    | 423   | 12  | 4       | 4,014  | 60  | 1     | 61      | 6,800  | 159   | 34    | 32    | 66    | 82  | 0      | 307            | <b>11,182</b> |
|     | 吉田川    | L1     | 0      | 0      | 0     | 0   | 0       | 0      | 0   | 0     | 0       | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | 0             |
| L2  |        | 820    | 461    | 58     | 31    | 7   | 2       | 1,379  | 166 | 2     | 168     | 2,336  | 20    | 16    | 22    | 38    | 28  | 0      | 86             | <b>3,989</b>  |
| L3  |        | 362    | 306    | 34     | 5     | 8   | 2       | 717    | 138 | 0     | 138     | 1,215  | 9     | 11    | 11    | 22    | 14  | 0      | 45             | <b>2,115</b>  |
| L4  |        | 525    | 131    | 422    | 127   | 1   | 0       | 1,206  | 17  | 0     | 17      | 2,043  | 194   | 12    | 22    | 34    | 40  | 0      | 268            | <b>3,534</b>  |
| R1  |        | 830    | 478    | 40     | 49    | 12  | 4       | 1,413  | 53  | 2     | 55      | 2,394  | 16    | 17    | 17    | 34    | 27  | 0      | 77             | <b>3,939</b>  |
| R2  |        | 0      | 0      | 0      | 0     | 0   | 0       | 0      | 15  | 0     | 15      | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | <b>15</b>     |
| R3  |        | 1,505  | 783    | 79     | 57    | 14  | 4       | 2,442  | 80  | 0     | 80      | 4,137  | 26    | 28    | 21    | 49    | 57  | 0      | 132            | <b>6,791</b>  |
| R4  |        | 0      | 0      | 0      | 0     | 0   | 0       | 0      | 45  | 1     | 46      | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | <b>46</b>     |
| R5  | 622    | 103    | 7      | 7      | 5     | 1   | 745     | 83     | 0   | 83    | 1,262   | 3      | 4     | 3     | 7     | 4     | 0   | 14     | <b>2,104</b>   |               |
| R6  | 109    | 57     | 21     | 14     | 1     | 0   | 202     | 77     | 0   | 77    | 342     | 8      | 3     | 4     | 7     | 7     | 0   | 22     | <b>643</b>     |               |
| R7  | 256    | 25     | 1,082  | 57     | 0     | 0   | 1,420   | 74     | 1   | 75    | 2,405   | 39     | 3     | 6     | 9     | 10    | 0   | 58     | <b>3,958</b>   |               |
| 合計  | 76,518 | 44,418 | 23,766 | 12,538 | 401   | 130 | 157,771 | 4,683  | 67  | 4,750 | 267,266 | 5,729  | 1,690 | 2,233 | 3,922 | 2,655 | 0   | 12,307 | <b>442,094</b> |               |

※氾濫ブロックが重複する箇所は、被害額の大きい氾濫ブロックを選択。

氾濫ブロックが重複する箇所：鳴瀬川 R1 と吉田川 R1、選択ブロック：吉田川 R1

氾濫ブロックが重複する箇所：鳴瀬川 R2 と吉田川 L1、選択ブロック：鳴瀬川 R2

現況河道 (H27年河道、現況ダム)

単位：百万円

| 氾濫<br>ブロック | 一般資産被害額 |      |       |    |       |    | 農作物被害額 |    |     | 公共土木<br>施設等<br>被害額 | 営業<br>停止<br>損失 | 家庭における<br>応急対策費用 |                |               | 事業所<br>における<br>応急対策<br>費用 | その他の<br>間接被害 | 小計 | 合計 |    |
|------------|---------|------|-------|----|-------|----|--------|----|-----|--------------------|----------------|------------------|----------------|---------------|---------------------------|--------------|----|----|----|
|            | 家屋      | 家庭用品 | 事業所資産 |    | 農漁家資産 |    | 小計     | 水稻 | 畑作物 |                    |                | 小計               | 清掃<br>労働<br>対価 | 代替<br>活動<br>等 |                           |              |    |    | 小計 |
|            |         |      | 償却    | 在庫 | 償却    | 在庫 |        |    |     |                    |                |                  |                |               |                           |              |    |    |    |

■ 確率規模 1/ 50

|     |         |        |        |        |       |     |         |        |     |       |         |        |       |       |       |       |     |        |                |               |           |
|-----|---------|--------|--------|--------|-------|-----|---------|--------|-----|-------|---------|--------|-------|-------|-------|-------|-----|--------|----------------|---------------|-----------|
| 鳴瀬川 | L1      | 11,033 | 7,244  | 1,890  | 900   | 44  | 14      | 21,125 | 301 | 22    | 323     | 35,786 | 703   | 314   | 483   | 797   | 447 | 0      | 1,947          | <b>59,181</b> |           |
|     | L2      | 356    | 145    | 0      | 0     | 2   | 1       | 504    | 29  | 0     | 29      | 854    | 0     | 5     | 4     | 9     | 0   | 0      | 9              | <b>1,386</b>  |           |
|     | L3      | 1,343  | 778    | 83     | 54    | 26  | 9       | 2,293  | 469 | 8     | 477     | 3,894  | 33    | 29    | 44    | 73    | 38  | 0      | 144            | <b>6,798</b>  |           |
|     | L4      | 1,510  | 898    | 310    | 148   | 18  | 6       | 2,890  | 491 | 6     | 497     | 4,896  | 137   | 39    | 60    | 99    | 67  | 0      | 303            | <b>8,586</b>  |           |
|     | L5      | 9,686  | 6,829  | 4,259  | 1,804 | 30  | 10      | 22,618 | 547 | 5     | 552     | 38,315 | 978   | 245   | 373   | 618   | 436 | 0      | 2,032          | <b>83,517</b> |           |
|     | L6      | 13,555 | 9,234  | 3,143  | 991   | 32  | 10      | 26,965 | 353 | 4     | 357     | 45,679 | 619   | 334   | 356   | 690   | 496 | 0      | 1,805          | <b>74,806</b> |           |
|     | L7      | 16,621 | 9,670  | 4,197  | 1,592 | 42  | 14      | 32,136 | 290 | 2     | 292     | 54,438 | 1,524 | 393   | 635   | 1,028 | 496 | 0      | 3,048          | <b>89,914</b> |           |
|     | L8      | 12,080 | 5,301  | 9,974  | 7,498 | 50  | 16      | 34,919 | 230 | 2     | 232     | 59,153 | 2,217 | 192   | 201   | 393   | 528 | 0      | 3,138          | <b>97,442</b> |           |
|     | L9      | 2,884  | 1,600  | 88     | 46    | 33  | 11      | 4,662  | 350 | 2     | 352     | 7,897  | 34    | 59    | 74    | 133   | 62  | 0      | 229            | <b>13,140</b> |           |
|     | R1      | 0      | 0      | 0      | 0     | 0   | 0       | 0      | 0   | 0     | 0       | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | 0             | <b>0</b>  |
|     | R2      | 8,770  | 3,047  | 456    | 464   | 62  | 20      | 12,819 | 607 | 12    | 619     | 21,715 | 139   | 107   | 112   | 219   | 146 | 0      | 504            | <b>36,667</b> |           |
|     | R3      | 12,594 | 8,689  | 614    | 327   | 88  | 26      | 22,338 | 471 | 10    | 481     | 37,841 | 185   | 306   | 281   | 587   | 282 | 0      | 1,054          | <b>61,714</b> |           |
|     | R4      | 2,289  | 1,519  | 275    | 141   | 29  | 10      | 4,263  | 210 | 2     | 212     | 7,222  | 66    | 57    | 63    | 120   | 59  | 0      | 245            | <b>11,042</b> |           |
|     | R5      | 2,579  | 1,160  | 835    | 539   | 17  | 5       | 5,135  | 66  | 1     | 67      | 8,699  | 207   | 42    | 38    | 80    | 102 | 0      | 389            | <b>14,290</b> |           |
|     | 吉田川     | L1     | 0      | 0      | 0     | 0   | 0       | 0      | 0   | 0     | 0       | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | 0             | <b>0</b>  |
| L2  |         | 1,191  | 599    | 77     | 43    | 8   | 3       | 1,921  | 224 | 2     | 226     | 3,254  | 26    | 21    | 26    | 47    | 40  | 0      | 113            | <b>5,514</b>  |           |
| L3  |         | 423    | 393    | 64     | 11    | 10  | 3       | 904    | 171 | 0     | 171     | 1,531  | 13    | 14    | 15    | 29    | 18  | 0      | 60             | <b>2,686</b>  |           |
| L4  |         | 899    | 318    | 739    | 231   | 2   | 1       | 2,190  | 19  | 0     | 19      | 3,710  | 257   | 17    | 32    | 49    | 60  | 0      | 366            | <b>6,285</b>  |           |
| R1  |         | 1,147  | 567    | 46     | 63    | 13  | 4       | 1,840  | 53  | 2     | 55      | 3,117  | 22    | 21    | 19    | 40    | 33  | 0      | 95             | <b>5,107</b>  |           |
| R2  |         | 0      | 0      | 0      | 0     | 0   | 0       | 0      | 15  | 0     | 15      | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | 0             | <b>15</b> |
| R3  |         | 2,292  | 1,030  | 118    | 86    | 18  | 5       | 3,549  | 90  | 1     | 91      | 6,012  | 43    | 40    | 32    | 72    | 99  | 0      | 214            | <b>9,886</b>  |           |
| R4  |         | 27     | 24     | 1      | 1     | 1   | 0       | 54     | 49  | 2     | 51      | 91     | 0     | 1     | 2     | 3     | 1   | 0      | 4              | <b>200</b>    |           |
| R5  |         | 748    | 127    | 12     | 14    | 5   | 2       | 908    | 86  | 0     | 86      | 1,538  | 5     | 5     | 5     | 10    | 7   | 0      | 22             | <b>2,554</b>  |           |
| R6  |         | 415    | 214    | 515    | 57    | 4   | 1       | 1,206  | 109 | 0     | 109     | 2,043  | 40    | 9     | 14    | 23    | 28  | 0      | 91             | <b>3,449</b>  |           |
| R7  | 269     | 31     | 1,084  | 58     | 0     | 0   | 1,442   | 82     | 1   | 83    | 2,443   | 41     | 4     | 7     | 11    | 12    | 0   | 64     | <b>4,032</b>   |               |           |
| 合計  | 102,711 | 59,417 | 28,780 | 15,068 | 534   | 171 | 206,681 | 5,312  | 84  | 5,396 | 350,118 | 7,289  | 2,254 | 2,876 | 5,130 | 3,457 | 0   | 15,876 | <b>678,071</b> |               |           |

■ 確率規模 1/ 80

|     |         |        |        |        |       |     |         |        |     |       |         |        |       |       |       |       |     |        |                |                |           |
|-----|---------|--------|--------|--------|-------|-----|---------|--------|-----|-------|---------|--------|-------|-------|-------|-------|-----|--------|----------------|----------------|-----------|
| 鳴瀬川 | L1      | 13,879 | 9,492  | 2,298  | 1,062 | 63  | 20      | 26,814 | 342 | 25    | 367     | 45,423 | 825   | 387   | 581   | 969   | 552 | 0      | 2,345          | <b>74,949</b>  |           |
|     | L2      | 367    | 147    | 0      | 0     | 2   | 1       | 517    | 30  | 0     | 30      | 876    | 0     | 5     | 4     | 9     | 0   | 0      | 9              | <b>1,432</b>   |           |
|     | L3      | 1,630  | 1,046  | 103    | 76    | 32  | 11      | 2,898  | 479 | 9     | 488     | 4,909  | 39    | 36    | 52    | 88    | 49  | 0      | 176            | <b>8,471</b>   |           |
|     | L4      | 1,928  | 1,037  | 371    | 173   | 21  | 7       | 3,537  | 563 | 8     | 571     | 5,992  | 168   | 49    | 79    | 128   | 85  | 0      | 381            | <b>10,481</b>  |           |
|     | L5      | 12,771 | 9,346  | 5,828  | 2,581 | 36  | 12      | 30,574 | 557 | 5     | 562     | 51,792 | 1,218 | 335   | 441   | 776   | 639 | 0      | 2,633          | <b>85,581</b>  |           |
|     | L6      | 15,073 | 9,945  | 3,236  | 1,053 | 35  | 11      | 29,353 | 374 | 5     | 379     | 49,724 | 653   | 357   | 372   | 729   | 527 | 0      | 1,909          | <b>81,385</b>  |           |
|     | L7      | 22,136 | 14,054 | 5,793  | 2,316 | 51  | 18      | 44,368 | 302 | 2     | 304     | 75,159 | 1,861 | 558   | 865   | 1,422 | 676 | 0      | 3,980          | <b>123,791</b> |           |
|     | L8      | 12,159 | 5,361  | 9,995  | 7,507 | 52  | 16      | 35,090 | 232 | 2     | 234     | 59,442 | 2,221 | 195   | 203   | 398   | 534 | 0      | 3,153          | <b>97,919</b>  |           |
|     | L9      | 3,240  | 1,825  | 104    | 57    | 38  | 13      | 5,277  | 364 | 2     | 366     | 8,939  | 38    | 66    | 79    | 145   | 70  | 0      | 253            | <b>14,835</b>  |           |
|     | R1      | 0      | 0      | 0      | 0     | 0   | 0       | 0      | 0   | 0     | 0       | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | 0              | <b>0</b>  |
|     | R2      | 10,418 | 3,641  | 504    | 523   | 74  | 24      | 15,184 | 640 | 13    | 653     | 25,722 | 156   | 133   | 131   | 264   | 182 | 0      | 602            | <b>42,181</b>  |           |
|     | R3      | 15,553 | 9,914  | 782    | 405   | 98  | 28      | 26,780 | 473 | 10    | 483     | 45,365 | 247   | 356   | 306   | 662   | 349 | 0      | 1,258          | <b>73,886</b>  |           |
|     | R4      | 2,467  | 1,605  | 297    | 158   | 31  | 10      | 4,568  | 223 | 2     | 225     | 7,738  | 71    | 61    | 66    | 127   | 63  | 0      | 261            | <b>12,782</b>  |           |
|     | R5      | 3,442  | 1,503  | 909    | 585   | 22  | 6       | 6,467  | 71  | 1     | 72      | 10,955 | 247   | 52    | 45    | 97    | 118 | 0      | 462            | <b>17,956</b>  |           |
|     | 吉田川     | L1     | 0      | 0      | 0     | 0   | 0       | 0      | 0   | 0     | 0       | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | 0              | <b>0</b>  |
| L2  |         | 1,354  | 648    | 86     | 50    | 8   | 3       | 2,149  | 249 | 3     | 252     | 3,640  | 29    | 24    | 27    | 51    | 46  | 0      | 126            | <b>6,187</b>   |           |
| L3  |         | 725    | 544    | 104    | 21    | 13  | 4       | 1,411  | 181 | 0     | 181     | 2,390  | 20    | 20    | 19    | 39    | 28  | 0      | 87             | <b>4,089</b>   |           |
| L4  |         | 1,310  | 691    | 1,272  | 433   | 4   | 1       | 3,711  | 21  | 0     | 21      | 6,286  | 342   | 27    | 42    | 69    | 98  | 0      | 509            | <b>10,527</b>  |           |
| R1  |         | 1,421  | 651    | 47     | 68    | 16  | 5       | 2,208  | 53  | 2     | 55      | 3,740  | 24    | 23    | 19    | 42    | 38  | 0      | 104            | <b>6,107</b>   |           |
| R2  |         | 0      | 0      | 0      | 0     | 0   | 0       | 0      | 15  | 0     | 15      | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | 0              | <b>15</b> |
| R3  |         | 2,323  | 1,057  | 122    | 88    | 19  | 5       | 3,614  | 92  | 1     | 93      | 6,122  | 43    | 40    | 33    | 73    | 100 | 0      | 216            | <b>10,046</b>  |           |
| R4  |         | 34     | 55     | 1      | 1     | 1   | 0       | 92     | 50  | 2     | 52      | 156    | 1     | 2     | 2     | 4     | 2   | 0      | 7              | <b>307</b>     |           |
| R5  | 1,017   | 187    | 54     | 27     | 6     | 2   | 1,293   | 88     | 0   | 88    | 2,190   | 19     | 9     | 11    | 20    | 14    | 0   | 53     | <b>3,624</b>   |                |           |
| R6  | 1,001   | 500    | 972    | 125    | 7     | 2   | 2,607   | 165    | 0   | 165   | 4,416   | 68     | 19    | 25    | 44    | 48    | 0   | 180    | <b>7,348</b>   |                |           |
| R7  | 283     | 34     | 1,090  | 60     | 0     | 0   | 1,467   | 86     | 1   | 87    | 2,485   | 42     | 4     | 7     | 11    | 13    | 0   | 66     | <b>4,105</b>   |                |           |
| 合計  | 124,531 | 73,283 | 33,968 | 17,369 | 629   | 199 | 249,979 | 5,650  | 93  | 5,743 | 423,461 | 8,332  | 2,758 | 3,409 | 6,167 | 4,231 | 0   | 18,730 | <b>687,913</b> |                |           |

※氾濫ブロックが重複する箇所は、被害額の大きい氾濫ブロックを選択。

氾濫ブロックが重複する箇所：鳴瀬川 R1 と吉田川 R1、選択ブロック：吉田川 R1

氾濫ブロックが重複する箇所：鳴瀬川 R2 と吉田川 L1、選択ブロック：鳴瀬川 R2

現況河道（H27年河道、現況ダム）

単位：百万円

| 氾濫<br>ブロック | 一般資産被害額 |      |       |    |       |    |    | 農作物被害額 |     |    | 公共土木<br>施設等<br>被害額 | 営業<br>停止<br>損失 | 家庭における<br>応急対策費用 |               |    |  | 事業所<br>における<br>応急対策<br>費用 | その他の<br>間接被害 | 小計 | 合計 |
|------------|---------|------|-------|----|-------|----|----|--------|-----|----|--------------------|----------------|------------------|---------------|----|--|---------------------------|--------------|----|----|
|            | 家屋      | 家庭用品 | 事業所資産 |    | 農漁家資産 |    | 小計 | 水稻     | 畑作物 | 小計 |                    |                | 清掃<br>労働<br>対価   | 代替<br>活動<br>等 | 小計 |  |                           |              |    |    |
|            |         |      | 償却    | 在庫 | 償却    | 在庫 |    |        |     |    |                    |                |                  |               |    |  |                           |              |    |    |

■ 確率規模1/100

|     |         |        |        |        |       |     |         |        |     |       |         |        |       |       |       |       |     |        |                |                |           |
|-----|---------|--------|--------|--------|-------|-----|---------|--------|-----|-------|---------|--------|-------|-------|-------|-------|-----|--------|----------------|----------------|-----------|
| 鳴瀬川 | L1      | 14,878 | 10,681 | 2,468  | 1,123 | 68  | 22      | 29,240 | 366 | 27    | 393     | 49,533 | 879   | 430   | 647   | 1,077 | 589 | 0      | 2,545          | <b>81,711</b>  |           |
|     | L2      | 367    | 147    | 0      | 0     | 2   | 1       | 517    | 30  | 0     | 30      | 876    | 0     | 5     | 4     | 9     | 0   | 0      | 9              | <b>1,432</b>   |           |
|     | L3      | 1,650  | 1,063  | 103    | 76    | 34  | 11      | 2,937  | 481 | 9     | 490     | 4,975  | 39    | 37    | 52    | 89    | 49  | 0      | 177            | <b>8,579</b>   |           |
|     | L4      | 1,972  | 1,059  | 377    | 174   | 21  | 7       | 3,670  | 603 | 8     | 611     | 6,115  | 171   | 50    | 80    | 130   | 86  | 0      | 387            | <b>10,723</b>  |           |
|     | L5      | 14,206 | 10,574 | 7,114  | 3,643 | 39  | 14      | 35,590 | 561 | 5     | 566     | 60,289 | 1,439 | 383   | 472   | 855   | 772 | 0      | 3,066          | <b>99,511</b>  |           |
|     | L6      | 15,742 | 10,205 | 3,368  | 1,105 | 36  | 11      | 30,467 | 389 | 6     | 395     | 51,611 | 712   | 370   | 386   | 756   | 553 | 0      | 2,021          | <b>84,494</b>  |           |
|     | L7      | 26,914 | 17,377 | 7,503  | 3,039 | 59  | 21      | 54,913 | 307 | 2     | 309     | 93,023 | 2,203 | 656   | 973   | 1,629 | 860 | 0      | 4,692          | <b>152,937</b> |           |
|     | L8      | 12,629 | 5,741  | 10,077 | 7,554 | 52  | 17      | 36,070 | 232 | 2     | 234     | 61,103 | 2,237 | 211   | 212   | 423   | 571 | 0      | 3,231          | <b>100,638</b> |           |
|     | L9      | 3,386  | 1,960  | 126    | 68    | 42  | 14      | 5,596  | 372 | 2     | 374     | 9,480  | 41    | 69    | 83    | 152   | 72  | 0      | 265            | <b>15,715</b>  |           |
|     | R1      | 0      | 0      | 0      | 0     | 0   | 0       | 0      | 0   | 0     | 0       | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | 0              | <b>0</b>  |
|     | R2      | 11,569 | 4,060  | 528    | 552   | 89  | 28      | 16,826 | 643 | 13    | 656     | 28,503 | 163   | 145   | 136   | 281   | 197 | 0      | 641            | <b>46,626</b>  |           |
|     | R3      | 16,879 | 10,607 | 867    | 471   | 103 | 29      | 28,956 | 475 | 11    | 486     | 49,051 | 269   | 380   | 320   | 700   | 375 | 0      | 1,344          | <b>79,837</b>  |           |
|     | R4      | 2,512  | 1,620  | 301    | 161   | 31  | 11      | 4,636  | 234 | 2     | 236     | 7,853  | 73    | 62    | 68    | 130   | 64  | 0      | 267            | <b>12,992</b>  |           |
|     | R5      | 3,932  | 1,678  | 999    | 632   | 22  | 6       | 7,269  | 72  | 1     | 73      | 12,314 | 263   | 59    | 49    | 108   | 140 | 0      | 511            | <b>20,167</b>  |           |
|     | L1      | 0      | 0      | 0      | 0     | 0   | 0       | 0      | 0   | 0     | 0       | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | 0              | <b>0</b>  |
| 吉田川 | L2      | 1,354  | 648    | 86     | 50    | 8   | 3       | 2,149  | 249 | 3     | 252     | 3,640  | 29    | 24    | 27    | 51    | 46  | 0      | 126            | <b>6,167</b>   |           |
|     | L3      | 754    | 577    | 131    | 30    | 14  | 4       | 1,570  | 184 | 0     | 184     | 2,558  | 23    | 21    | 20    | 41    | 31  | 0      | 95             | <b>4,347</b>   |           |
|     | L4      | 1,310  | 691    | 1,272  | 433   | 4   | 1       | 3,711  | 22  | 0     | 22      | 6,286  | 342   | 27    | 42    | 69    | 98  | 0      | 509            | <b>10,528</b>  |           |
|     | R1      | 1,564  | 748    | 49     | 74    | 18  | 5       | 2,458  | 54  | 2     | 56      | 4,164  | 26    | 26    | 20    | 46    | 40  | 0      | 112            | <b>6,790</b>   |           |
|     | R2      | 0      | 0      | 0      | 0     | 0   | 0       | 0      | 15  | 0     | 15      | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | 15             | <b>15</b> |
|     | R3      | 2,467  | 1,123  | 124    | 89    | 19  | 5       | 3,827  | 92  | 1     | 93      | 6,483  | 46    | 42    | 35    | 77    | 101 | 0      | 224            | <b>10,627</b>  |           |
|     | R4      | 34     | 55     | 1      | 1     | 1   | 0       | 92     | 51  | 3     | 54      | 156    | 1     | 2     | 2     | 4     | 2   | 0      | 7              | <b>309</b>     |           |
|     | R5      | 1,152  | 215    | 56     | 30    | 7   | 2       | 1,462  | 88  | 0     | 88      | 2,477  | 20    | 9     | 11    | 20    | 17  | 0      | 57             | <b>4,084</b>   |           |
| R6  | 1,337   | 621    | 998    | 141    | 9     | 3   | 3,109   | 186    | 0   | 186   | 5,267   | 80     | 23    | 29    | 52    | 54    | 0   | 186    | <b>8,748</b>   |                |           |
| R7  | 283     | 34     | 1,090  | 60     | 0     | 0   | 1,467   | 87     | 1   | 88    | 2,485   | 42     | 4     | 7     | 11    | 13    | 0   | 66     | <b>4,106</b>   |                |           |
| 合計  | 136,891 | 81,484 | 37,638 | 19,506 | 678   | 215 | 276,412 | 5,793  | 98  | 5,891 | 469,242 | 9,098  | 3,035 | 3,675 | 6,710 | 4,730 | 0   | 20,538 | <b>771,089</b> |                |           |

※氾濫ブロックが重複する箇所は、被害額の大きい氾濫ブロックを選択。

氾濫ブロックが重複する箇所：鳴瀬川 R1 と吉田川 R1、選択ブロック：吉田川 R1

氾濫ブロックが重複する箇所：鳴瀬川 R2 と吉田川 L1、選択ブロック：鳴瀬川 R2

当面事業完了後河道（H32年河道、現況ダム）

単位：百万円

| 氾濫<br>ブロック | 一般資産被害額 |      |       |    |       |    |    | 農作物被害額 |     |    | 公共土木<br>施設等<br>被害額 | 営業<br>停止<br>損失 | 家庭における<br>応急対策費用 |               |    | 事業所<br>における<br>応急対策<br>費用 | その他の<br>間接被害 | 小計 | 合計 |
|------------|---------|------|-------|----|-------|----|----|--------|-----|----|--------------------|----------------|------------------|---------------|----|---------------------------|--------------|----|----|
|            | 家屋      | 家庭用品 | 事業所資産 |    | 農漁家資産 |    | 小計 | 水稻     | 畑作物 | 小計 |                    |                | 清掃<br>労働<br>対価   | 代替<br>活動<br>等 | 小計 |                           |              |    |    |
|            |         |      | 償却    | 在庫 | 償却    | 在庫 |    |        |     |    |                    |                |                  |               |    |                           |              |    |    |

■ 確率規模1/ 5

|     |     |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----|-----|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 鳴瀬川 | L1  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L2  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L3  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L4  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L5  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L6  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L7  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L8  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L9  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | R1  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | R2  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | R3  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | R4  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | R5  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | 吉田川 | L1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| L2  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| L3  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| L4  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| R1  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| R2  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| R3  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| R4  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| R5  | 0   | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |   |
| R6  | 0   | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |   |
| R7  | 0   | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |   |
| 合計  | 0   | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |

■ 確率規模1/ 10

|     |     |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----|-----|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 鳴瀬川 | L1  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L2  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L3  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L4  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L5  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L6  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L7  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L8  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L9  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | R1  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | R2  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | R3  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | R4  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | R5  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | 吉田川 | L1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| L2  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| L3  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| L4  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| R1  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| R2  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| R3  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| R4  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| R5  | 0   | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| R6  | 0   | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| R7  | 0   | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| 合計  | 0   | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

※氾濫ブロックが重複する箇所は、被害額の大きい氾濫ブロックを選択。

氾濫ブロックが重複する箇所：鳴瀬川 R1 と吉田川 R1、選択ブロック：吉田川 R1

氾濫ブロックが重複する箇所：鳴瀬川 R2 と吉田川 L1、選択ブロック：鳴瀬川 R2



当面事業完了後河道（H32年河道、現況ダム）

単位：百万円

| 氾濫<br>ブロック | 一般資産被害額 |      |       |    |       |    | 農作物被害額 |    |     | 公共土木<br>施設等<br>被害額 | 営業<br>停止<br>損失 | 家庭における<br>応急対策費用 |                |               | 事業所<br>における<br>応急対策<br>費用 | その他の<br>間接被害 | 小計 | 合計 |    |
|------------|---------|------|-------|----|-------|----|--------|----|-----|--------------------|----------------|------------------|----------------|---------------|---------------------------|--------------|----|----|----|
|            | 家屋      | 家庭用品 | 事業所資産 |    | 農漁家資産 |    | 小計     | 水稻 | 畑作物 |                    |                | 小計               | 清掃<br>労働<br>対価 | 代替<br>活動<br>等 |                           |              |    |    | 小計 |
|            |         |      | 償却    | 在庫 | 償却    | 在庫 |        |    |     |                    |                |                  |                |               |                           |              |    |    |    |

■ 確率規模 1/ 50

|     |        |        |        |        |       |     |         |        |     |       |         |        |       |       |       |       |     |        |                |               |           |
|-----|--------|--------|--------|--------|-------|-----|---------|--------|-----|-------|---------|--------|-------|-------|-------|-------|-----|--------|----------------|---------------|-----------|
| 鳴瀬川 | L1     | 9,463  | 6,403  | 1,636  | 814   | 38  | 12      | 18,366 | 284 | 22    | 306     | 31,112 | 606   | 263   | 390   | 652   | 389 | 0      | 1,648          | <b>51,432</b> |           |
|     | L2     | 356    | 145    | 0      | 0     | 2   | 1       | 504    | 29  | 0     | 29      | 854    | 0     | 5     | 4     | 9     | 0   | 0      | 9              | <b>1,306</b>  |           |
|     | L3     | 1,094  | 490    | 68     | 42    | 17  | 5       | 1,716  | 443 | 6     | 449     | 2,907  | 29    | 21    | 35    | 56    | 28  | 0      | 113            | <b>5,185</b>  |           |
|     | L4     | 1,502  | 895    | 310    | 148   | 18  | 6       | 2,879  | 471 | 6     | 477     | 4,877  | 136   | 39    | 59    | 98    | 66  | 0      | 300            | <b>8,533</b>  |           |
|     | L5     | 9,686  | 6,829  | 4,259  | 1,804 | 30  | 10      | 22,618 | 547 | 5     | 552     | 38,315 | 978   | 245   | 373   | 618   | 436 | 0      | 2,032          | <b>63,517</b> |           |
|     | L6     | 13,555 | 9,234  | 3,143  | 991   | 32  | 10      | 26,965 | 353 | 4     | 357     | 45,679 | 619   | 334   | 356   | 690   | 496 | 0      | 1,805          | <b>74,806</b> |           |
|     | L7     | 16,401 | 9,361  | 4,169  | 1,579 | 42  | 14      | 31,566 | 290 | 2     | 292     | 53,473 | 1,517 | 385   | 628   | 1,013 | 491 | 0      | 3,021          | <b>86,352</b> |           |
|     | L8     | 12,080 | 5,301  | 9,974  | 7,498 | 50  | 16      | 34,919 | 230 | 2     | 232     | 59,153 | 2,217 | 192   | 201   | 393   | 528 | 0      | 3,138          | <b>97,442</b> |           |
|     | L9     | 2,884  | 1,600  | 88     | 46    | 33  | 11      | 4,662  | 350 | 2     | 352     | 7,897  | 34    | 59    | 74    | 133   | 62  | 0      | 229            | <b>13,140</b> |           |
|     | R1     | 0      | 0      | 0      | 0     | 0   | 0       | 0      | 0   | 0     | 0       | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | 0             | <b>0</b>  |
|     | R2     | 7,285  | 2,341  | 392    | 364   | 45  | 14      | 10,441 | 398 | 8     | 406     | 17,687 | 110   | 84    | 87    | 171   | 114 | 0      | 395            | <b>26,929</b> |           |
|     | R3     | 12,594 | 8,689  | 614    | 327   | 88  | 26      | 22,338 | 471 | 10    | 481     | 37,841 | 185   | 306   | 281   | 587   | 282 | 0      | 1,054          | <b>61,714</b> |           |
|     | R4     | 2,289  | 1,519  | 275    | 141   | 29  | 10      | 4,263  | 210 | 2     | 212     | 7,222  | 66    | 57    | 63    | 120   | 59  | 0      | 245            | <b>11,042</b> |           |
|     | R5     | 2,323  | 1,053  | 815    | 527   | 15  | 5       | 4,738  | 66  | 1     | 67      | 8,026  | 196   | 39    | 38    | 77    | 92  | 0      | 365            | <b>13,186</b> |           |
|     | 吉田川    | L1     | 0      | 0      | 0     | 0   | 0       | 0      | 0   | 0     | 0       | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | 0             | <b>0</b>  |
| L2  |        | 1,182  | 597    | 77     | 43    | 8   | 3       | 1,910  | 207 | 2     | 209     | 3,236  | 26    | 21    | 26    | 47    | 40  | 0      | 113            | <b>5,488</b>  |           |
| L3  |        | 429    | 395    | 68     | 13    | 10  | 3       | 918    | 169 | 0     | 169     | 1,555  | 14    | 14    | 16    | 30    | 19  | 0      | 63             | <b>2,705</b>  |           |
| L4  |        | 584    | 164    | 468    | 139   | 1   | 0       | 1,356  | 18  | 0     | 18      | 2,297  | 199   | 13    | 23    | 36    | 43  | 0      | 278            | <b>3,949</b>  |           |
| R1  |        | 1,147  | 567    | 46     | 63    | 13  | 4       | 1,840  | 53  | 2     | 55      | 3,117  | 22    | 21    | 19    | 40    | 33  | 0      | 95             | <b>5,107</b>  |           |
| R2  |        | 0      | 0      | 0      | 0     | 0   | 0       | 0      | 15  | 0     | 15      | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | 0             | <b>15</b> |
| R3  |        | 2,292  | 1,030  | 118    | 86    | 18  | 5       | 3,549  | 90  | 1     | 91      | 6,012  | 43    | 40    | 32    | 72    | 99  | 0      | 214            | <b>9,886</b>  |           |
| R4  |        | 27     | 24     | 1      | 1     | 1   | 0       | 54     | 49  | 2     | 51      | 91     | 0     | 1     | 2     | 3     | 1   | 0      | 4              | <b>200</b>    |           |
| R5  |        | 690    | 119    | 9      | 11    | 5   | 2       | 836    | 84  | 0     | 84      | 1,416  | 3     | 4     | 4     | 8     | 6   | 0      | 17             | <b>2,353</b>  |           |
| R6  |        | 282    | 177    | 62     | 35    | 3   | 1       | 560    | 83  | 0     | 83      | 949    | 27    | 8     | 12    | 20    | 23  | 0      | 70             | <b>1,682</b>  |           |
| R7  | 101    | 10     | 337    | 21     | 0     | 0   | 469     | 44     | 1   | 45    | 794     | 23     | 1     | 3     | 4     | 4     | 0   | 31     | <b>1,339</b>   |               |           |
| 合計  | 98,246 | 56,943 | 26,929 | 14,693 | 498   | 158 | 197,467 | 4,954  | 78  | 5,032 | 334,510 | 7,050  | 2,152 | 2,726 | 4,878 | 3,311 | 0   | 15,239 | <b>552,248</b> |               |           |

■ 確率規模 1/ 80

|     |         |        |        |        |       |     |         |        |     |       |         |        |       |       |       |       |     |        |                |                |           |
|-----|---------|--------|--------|--------|-------|-----|---------|--------|-----|-------|---------|--------|-------|-------|-------|-------|-----|--------|----------------|----------------|-----------|
| 鳴瀬川 | L1      | 13,288 | 8,897  | 2,179  | 1,017 | 60  | 19      | 25,460 | 319 | 24    | 342     | 43,129 | 801   | 367   | 551   | 918   | 524 | 0      | 2,240          | <b>71,175</b>  |           |
|     | L2      | 367    | 147    | 0      | 0     | 2   | 1       | 517    | 30  | 0     | 30      | 876    | 0     | 5     | 4     | 9     | 0   | 0      | 9              | <b>1,432</b>   |           |
|     | L3      | 1,353  | 857    | 85     | 54    | 27  | 9       | 2,385  | 465 | 8     | 473     | 4,040  | 32    | 30    | 46    | 76    | 38  | 0      | 146            | <b>7,044</b>   |           |
|     | L4      | 1,657  | 997    | 342    | 160   | 21  | 7       | 3,184  | 517 | 7     | 524     | 5,394  | 152   | 42    | 64    | 106   | 72  | 0      | 330            | <b>8,432</b>   |           |
|     | L5      | 12,701 | 9,110  | 5,669  | 2,480 | 35  | 12      | 30,007 | 556 | 5     | 561     | 50,832 | 1,199 | 330   | 436   | 766   | 634 | 0      | 2,599          | <b>83,989</b>  |           |
|     | L6      | 15,105 | 9,950  | 3,248  | 1,057 | 35  | 11      | 29,406 | 376 | 6     | 382     | 49,814 | 661   | 358   | 373   | 731   | 530 | 0      | 1,922          | <b>81,524</b>  |           |
|     | L7      | 21,901 | 13,739 | 5,723  | 2,290 | 50  | 17      | 43,720 | 302 | 2     | 304     | 74,062 | 1,845 | 551   | 857   | 1,408 | 668 | 0      | 3,921          | <b>122,007</b> |           |
|     | L8      | 12,159 | 5,361  | 9,995  | 7,507 | 52  | 16      | 35,090 | 232 | 2     | 234     | 59,442 | 2,221 | 195   | 203   | 398   | 534 | 0      | 3,153          | <b>97,919</b>  |           |
|     | L9      | 3,240  | 1,825  | 104    | 57    | 38  | 13      | 5,277  | 364 | 2     | 366     | 8,939  | 38    | 66    | 79    | 145   | 70  | 0      | 253            | <b>14,835</b>  |           |
|     | R1      | 0      | 0      | 0      | 0     | 0   | 0       | 0      | 0   | 0     | 0       | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | 0              | <b>0</b>  |
|     | R2      | 8,685  | 2,975  | 453    | 461   | 60  | 19      | 12,653 | 588 | 11    | 599     | 21,434 | 138   | 106   | 110   | 216   | 143 | 0      | 497            | <b>36,183</b>  |           |
|     | R3      | 15,678 | 9,960  | 830    | 450   | 99  | 29      | 27,046 | 474 | 10    | 484     | 45,816 | 256   | 358   | 309   | 667   | 353 | 0      | 1,276          | <b>74,622</b>  |           |
|     | R4      | 2,467  | 1,605  | 297    | 158   | 31  | 10      | 4,568  | 223 | 2     | 225     | 7,738  | 71    | 61    | 66    | 127   | 63  | 0      | 261            | <b>12,782</b>  |           |
|     | R5      | 3,442  | 1,503  | 909    | 585   | 22  | 6       | 6,467  | 71  | 1     | 72      | 10,955 | 247   | 52    | 45    | 97    | 118 | 0      | 462            | <b>17,956</b>  |           |
|     | 吉田川     | L1     | 0      | 0      | 0     | 0   | 0       | 0      | 0   | 0     | 0       | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | 0              | <b>0</b>  |
| L2  |         | 1,195  | 601    | 78     | 43    | 8   | 3       | 1,928  | 238 | 2     | 240     | 3,266  | 26    | 22    | 26    | 48    | 40  | 0      | 114            | <b>5,548</b>   |           |
| L3  |         | 686    | 519    | 101    | 21    | 12  | 4       | 1,343  | 181 | 0     | 181     | 2,275  | 19    | 19    | 18    | 37    | 26  | 0      | 82             | <b>3,881</b>   |           |
| L4  |         | 816    | 252    | 586    | 168   | 3   | 1       | 1,826  | 20  | 0     | 20      | 3,093  | 234   | 16    | 29    | 45    | 54  | 0      | 333            | <b>5,272</b>   |           |
| R1  |         | 1,559  | 746    | 48     | 73    | 18  | 5       | 2,449  | 53  | 2     | 55      | 4,149  | 25    | 26    | 20    | 46    | 40  | 0      | 111            | <b>6,784</b>   |           |
| R2  |         | 0      | 0      | 0      | 0     | 0   | 0       | 0      | 15  | 0     | 15      | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | 0              | <b>15</b> |
| R3  |         | 2,323  | 1,057  | 122    | 88    | 19  | 5       | 3,614  | 92  | 1     | 93      | 6,122  | 43    | 40    | 33    | 73    | 100 | 0      | 216            | <b>10,045</b>  |           |
| R4  |         | 34     | 55     | 1      | 1     | 1   | 0       | 92     | 50  | 2     | 52      | 156    | 1     | 2     | 2     | 4     | 2   | 0      | 7              | <b>307</b>     |           |
| R5  | 947     | 163    | 52     | 25     | 6     | 2   | 1,195   | 87     | 0   | 87    | 2,024   | 18     | 8     | 10    | 18    | 14    | 0   | 50     | <b>3,356</b>   |                |           |
| R6  | 685     | 412    | 268    | 83     | 7     | 2   | 1,457   | 117    | 0   | 117   | 2,468   | 50     | 16    | 22    | 38    | 40    | 0   | 128    | <b>4,170</b>   |                |           |
| R7  | 261     | 25     | 1,078  | 56     | 0     | 0   | 1,420   | 70     | 1   | 71    | 2,405   | 39     | 3     | 6     | 9     | 10    | 0   | 58     | <b>3,954</b>   |                |           |
| 合計  | 120,549 | 70,756 | 32,168 | 16,834 | 606   | 191 | 241,104 | 5,440  | 88  | 5,528 | 408,429 | 8,116  | 2,673 | 3,309 | 5,982 | 4,073 | 0   | 18,171 | <b>679,232</b> |                |           |

※氾濫ブロックが重複する箇所は、被害額の大きい氾濫ブロックを選択。

氾濫ブロックが重複する箇所：鳴瀬川 R1 と吉田川 R1、選択ブロック：吉田川 R1

氾濫ブロックが重複する箇所：鳴瀬川 R2 と吉田川 L1、選択ブロック：鳴瀬川 R2

当面事業完了後河道（H32年河道、現況ダム）

単位：百万円

| 氾濫<br>ブロック | 一般資産被害額 |      |       |    |       |    |    |    | 農作物被害額 |    |                | 公共土木<br>施設等<br>被害額 | 営業<br>停止<br>損失 | 家庭における<br>応急対策費用 |    |  | 事業所<br>における<br>応急対策<br>費用 | その他の<br>間接被害 | 小計 | 合計 |
|------------|---------|------|-------|----|-------|----|----|----|--------|----|----------------|--------------------|----------------|------------------|----|--|---------------------------|--------------|----|----|
|            | 家屋      | 家庭用品 | 事業所資産 |    | 農漁家資産 |    | 小計 | 水稻 | 畑作物    | 小計 | 清掃<br>労働<br>対価 |                    |                | 代替<br>活動<br>等    | 小計 |  |                           |              |    |    |
|            |         |      | 償却    | 在庫 | 償却    | 在庫 |    |    |        |    |                |                    |                |                  |    |  |                           |              |    |    |

■ 確率規模1/100

|     |         |        |        |        |       |     |         |        |     |       |         |        |       |       |       |       |     |        |                |                |          |
|-----|---------|--------|--------|--------|-------|-----|---------|--------|-----|-------|---------|--------|-------|-------|-------|-------|-----|--------|----------------|----------------|----------|
| 鳴瀬川 | L1      | 13,907 | 9,586  | 2,304  | 1,064 | 64  | 20      | 26,945 | 344 | 26    | 370     | 45,645 | 826   | 389   | 583   | 972   | 554 | 0      | 2,352          | <b>76,312</b>  |          |
|     | L2      | 367    | 147    | 0      | 0     | 2   | 1       | 517    | 30  | 0     | 30      | 876    | 0     | 5     | 4     | 9     | 0   | 0      | 9              | <b>1,432</b>   |          |
|     | L3      | 1,563  | 970    | 99     | 71    | 31  | 10      | 2,744  | 477 | 8     | 485     | 4,648  | 38    | 34    | 50    | 84    | 44  | 0      | 166            | <b>8,043</b>   |          |
|     | L4      | 1,657  | 997    | 342    | 160   | 21  | 7       | 3,184  | 523 | 7     | 530     | 5,394  | 152   | 42    | 64    | 106   | 72  | 0      | 330            | <b>9,438</b>   |          |
|     | L5      | 14,144 | 10,408 | 7,090  | 3,632 | 38  | 14      | 35,326 | 561 | 5     | 566     | 59,842 | 1,435 | 379   | 469   | 848   | 767 | 0      | 3,050          | <b>98,784</b>  |          |
|     | L6      | 15,872 | 10,280 | 3,404  | 1,119 | 36  | 12      | 30,723 | 391 | 6     | 397     | 52,045 | 720   | 372   | 389   | 761   | 559 | 0      | 2,040          | <b>85,205</b>  |          |
|     | L7      | 25,732 | 16,814 | 7,330  | 2,982 | 57  | 20      | 52,935 | 306 | 2     | 308     | 89,672 | 2,149 | 638   | 954   | 1,592 | 817 | 0      | 4,558          | <b>147,478</b> |          |
|     | L8      | 12,484 | 5,746  | 10,079 | 7,560 | 52  | 17      | 35,938 | 232 | 2     | 234     | 60,879 | 2,242 | 211   | 212   | 423   | 571 | 0      | 3,236          | <b>100,287</b> |          |
|     | L9      | 3,386  | 1,960  | 126    | 68    | 42  | 14      | 5,596  | 372 | 2     | 374     | 9,480  | 41    | 69    | 83    | 152   | 72  | 0      | 265            | <b>15,715</b>  |          |
|     | R1      | 0      | 0      | 0      | 0     | 0   | 0       | 0      | 0   | 0     | 0       | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | 0              | <b>0</b> |
|     | R2      | 9,484  | 3,346  | 479    | 493   | 67  | 22      | 13,891 | 633 | 12    | 645     | 23,531 | 149   | 121   | 123   | 244   | 164 | 0      | 557            | <b>38,824</b>  |          |
|     | R3      | 16,935 | 10,623 | 871    | 474   | 103 | 30      | 29,036 | 475 | 11    | 486     | 49,187 | 270   | 381   | 321   | 702   | 375 | 0      | 1,347          | <b>80,056</b>  |          |
|     | R4      | 2,584  | 1,658  | 327    | 182   | 31  | 11      | 4,793  | 234 | 2     | 236     | 8,119  | 77    | 64    | 69    | 133   | 66  | 0      | 276            | <b>13,424</b>  |          |
|     | R5      | 3,871  | 1,667  | 991    | 628   | 22  | 6       | 7,185  | 72  | 1     | 73      | 12,171 | 262   | 59    | 49    | 108   | 140 | 0      | 510            | <b>19,939</b>  |          |
|     | L1      | 0      | 0      | 0      | 0     | 0   | 0       | 0      | 0   | 0     | 0       | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | 0              | <b>0</b> |
| 吉田川 | L2      | 1,354  | 648    | 86     | 50    | 8   | 3       | 2,149  | 247 | 3     | 250     | 3,640  | 29    | 24    | 27    | 51    | 46  | 0      | 126            | <b>6,185</b>   |          |
|     | L3      | 732    | 548    | 121    | 25    | 13  | 4       | 1,443  | 184 | 0     | 184     | 2,444  | 22    | 20    | 19    | 39    | 29  | 0      | 90             | <b>4,181</b>   |          |
|     | L4      | 878    | 306    | 663    | 193   | 3   | 1       | 2,044  | 20  | 0     | 20      | 3,463  | 244   | 18    | 31    | 49    | 59  | 0      | 352            | <b>5,879</b>   |          |
|     | R1      | 1,651  | 779    | 51     | 78    | 19  | 5       | 2,583  | 54  | 2     | 56      | 4,376  | 27    | 27    | 21    | 49    | 41  | 0      | 116            | <b>7,131</b>   |          |
|     | R2      | 0      | 0      | 0      | 0     | 0   | 0       | 0      | 15  | 0     | 15      | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | <b>15</b>      |          |
|     | R3      | 2,467  | 1,123  | 124    | 89    | 19  | 5       | 3,827  | 92  | 1     | 93      | 6,483  | 46    | 42    | 35    | 77    | 101 | 0      | 224            | <b>10,627</b>  |          |
|     | R4      | 34     | 55     | 1      | 1     | 1   | 0       | 92     | 51  | 3     | 54      | 156    | 1     | 2     | 2     | 4     | 2   | 0      | 7              | <b>309</b>     |          |
|     | R5      | 1,017  | 187    | 54     | 27    | 6   | 2       | 1,293  | 88  | 0     | 88      | 2,190  | 19    | 9     | 11    | 20    | 14  | 0      | 53             | <b>3,824</b>   |          |
| R6  | 1,073   | 533    | 296    | 104    | 7     | 2   | 2,015   | 134    | 0   | 134   | 3,413   | 61     | 21    | 25    | 46    | 47    | 0   | 154    | <b>5,716</b>   |                |          |
| R7  | 261     | 25     | 1,078  | 56     | 0     | 0   | 1,420   | 72     | 1   | 73    | 2,405   | 39     | 3     | 6     | 9     | 10    | 0   | 58     | <b>3,958</b>   |                |          |
| 合計  | 131,453 | 78,406 | 35,916 | 19,056 | 642   | 206 | 265,679 | 5,607  | 94  | 5,701 | 450,059 | 8,849  | 2,930 | 3,547 | 6,477 | 4,550 | 0   | 19,876 | <b>741,315</b> |                |          |

※氾濫ブロックが重複する箇所は、被害額の大きい氾濫ブロックを選択。

氾濫ブロックが重複する箇所：鳴瀬川 R1 と吉田川 R1、選択ブロック：吉田川 R1

氾濫ブロックが重複する箇所：鳴瀬川 R2 と吉田川 L1、選択ブロック：鳴瀬川 R2

整備計画河道（整備計画河道、現況ダム）

単位：百万円

| 氾濫<br>ブロック | 一般資産被害額 |      |       |    |       |    |    | 農作物被害額 |     |    | 公共土木<br>施設等<br>被害額 | 営業<br>停止<br>損失 | 家庭における<br>応急対策費用 |               |    | 事業所<br>における<br>応急対策<br>費用 | その他の<br>間接被害 | 小計 | 合計 |
|------------|---------|------|-------|----|-------|----|----|--------|-----|----|--------------------|----------------|------------------|---------------|----|---------------------------|--------------|----|----|
|            | 家屋      | 家庭用品 | 事業所資産 |    | 農漁家資産 |    | 小計 | 水稻     | 畑作物 | 小計 |                    |                | 清掃<br>労働<br>対価   | 代替<br>活動<br>等 | 小計 |                           |              |    |    |
|            |         |      | 償却    | 在庫 | 償却    | 在庫 |    |        |     |    |                    |                |                  |               |    |                           |              |    |    |

■ 確率規模1/ 5

|     |     |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----|-----|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 鳴瀬川 | L1  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L2  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L3  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L4  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L5  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L6  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L7  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L8  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L9  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | R1  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | R2  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | R3  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | R4  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | R5  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | 吉田川 | L1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| L2  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| L3  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| L4  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| R1  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| R2  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| R3  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| R4  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| R5  | 0   | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| R6  | 0   | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| R7  | 0   | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| 合計  | 0   | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

■ 確率規模1/ 10

|     |     |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----|-----|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 鳴瀬川 | L1  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L2  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L3  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L4  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L5  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L6  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L7  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L8  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L9  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | R1  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | R2  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | R3  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | R4  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | R5  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | 吉田川 | L1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| L2  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| L3  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| L4  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| R1  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| R2  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| R3  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| R4  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| R5  | 0   | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| R6  | 0   | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| R7  | 0   | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| 合計  | 0   | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

※氾濫ブロックが重複する箇所は、被害額の大きい氾濫ブロックを選択。

氾濫ブロックが重複する箇所：鳴瀬川 R1 と吉田川 R1、選択ブロック：吉田川 R1

氾濫ブロックが重複する箇所：鳴瀬川 R2 と吉田川 L1、選択ブロック：鳴瀬川 R2

整備計画河道（整備計画河道、現況ダム）

単位：百万円

| 氾濫<br>ブロック | 一般資産被害額 |      |       |    |       |    |    | 農作物被害額 |     |    | 公共土木<br>施設等<br>被害額 | 営業<br>停止<br>損失 | 家庭における<br>応急対策費用 |               |    | 事業所<br>における<br>応急対策<br>費用 | その他の<br>間接被害 | 小計 | 合計 |
|------------|---------|------|-------|----|-------|----|----|--------|-----|----|--------------------|----------------|------------------|---------------|----|---------------------------|--------------|----|----|
|            | 家屋      | 家庭用品 | 事業所資産 |    | 農漁家資産 |    | 小計 | 水稲     | 畑作物 | 小計 |                    |                | 清掃<br>労働<br>対価   | 代替<br>活動<br>等 | 小計 |                           |              |    |    |
|            |         |      | 償却    | 在庫 | 償却    | 在庫 |    |        |     |    |                    |                |                  |               |    |                           |              |    |    |

■ 確率規模 1/ 20

|     |     |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----|-----|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 鳴瀬川 | L1  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L2  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L3  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L4  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L5  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L6  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L7  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L8  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L9  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | R1  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | R2  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | R3  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | R4  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | R5  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | 吉田川 | L1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| L2  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| L3  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| L4  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| R1  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| R2  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| R3  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| R4  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| R5  | 0   | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| R6  | 0   | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| R7  | 0   | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| 合計  | 0   | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

■ 確率規模 1/ 30

|     |     |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----|-----|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 鳴瀬川 | L1  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L2  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L3  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L4  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L5  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L6  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L7  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L8  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | L9  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | R1  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | R2  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | R3  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | R4  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | R5  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|     | 吉田川 | L1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| L2  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| L3  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| L4  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| R1  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| R2  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| R3  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| R4  |     | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| R5  | 0   | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| R6  | 0   | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| R7  | 0   | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| 合計  | 0   | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

※氾濫ブロックが重複する箇所は、被害額の大きい氾濫ブロックを選択。

氾濫ブロックが重複する箇所：鳴瀬川 R1 と吉田川 R1、選択ブロック：吉田川 R1

氾濫ブロックが重複する箇所：鳴瀬川 R2 と吉田川 L1、選択ブロック：鳴瀬川 R2



整備計画河道（整備計画河道、現況ダム）

単位：百万円

| 氾濫<br>ブロック | 一般資産被害額 |      |       |    |       |    |    |    | 農作物被害額 |    |                | 公共土木<br>施設等<br>被害額 | 営業<br>停止<br>損失 | 家庭における<br>応急対策費用 |    |  |  | 事業所<br>における<br>応急対策<br>費用 | その他の<br>間接被害 | 小計 | 合計 |
|------------|---------|------|-------|----|-------|----|----|----|--------|----|----------------|--------------------|----------------|------------------|----|--|--|---------------------------|--------------|----|----|
|            | 家屋      | 家庭用品 | 事業所資産 |    | 農漁家資産 |    | 小計 | 水稻 | 畑作物    | 小計 | 清掃<br>労働<br>対価 |                    |                | 代替<br>活動<br>等    | 小計 |  |  |                           |              |    |    |
|            |         |      | 償却    | 在庫 | 償却    | 在庫 |    |    |        |    |                |                    |                |                  |    |  |  |                           |              |    |    |

■ 確率規模1/100

|     |         |        |        |        |       |     |         |        |     |       |         |        |       |       |       |       |     |        |                |                |
|-----|---------|--------|--------|--------|-------|-----|---------|--------|-----|-------|---------|--------|-------|-------|-------|-------|-----|--------|----------------|----------------|
| 鳴瀬川 | L1      | 12,146 | 8,196  | 2,015  | 965   | 55  | 18      | 23,395 | 307 | 23    | 330     | 39,631 | 746   | 342   | 515   | 857   | 490 | 0      | 2,093          | <b>66,449</b>  |
|     | L2      | 356    | 145    | 0      | 0     | 2   | 1       | 504    | 30  | 0     | 30      | 854    | 0     | 5     | 4     | 9     | 0   | 0      | 9              | <b>1,397</b>   |
|     | L3      | 1,153  | 669    | 73     | 45    | 19  | 6       | 1,965  | 454 | 6     | 460     | 3,329  | 30    | 26    | 40    | 66    | 31  | 0      | 127            | <b>5,881</b>   |
|     | L4      | 1,799  | 1,000  | 335    | 159   | 20  | 7       | 3,320  | 525 | 7     | 532     | 5,624  | 150   | 46    | 72    | 118   | 76  | 0      | 344            | <b>9,820</b>   |
|     | L5      | 10,520 | 7,228  | 4,470  | 1,892 | 31  | 10      | 24,151 | 548 | 5     | 553     | 40,912 | 1,015 | 263   | 386   | 649   | 464 | 0      | 2,128          | <b>67,744</b>  |
|     | L6      | 14,395 | 9,602  | 3,204  | 1,025 | 33  | 11      | 28,270 | 360 | 4     | 364     | 47,889 | 633   | 345   | 362   | 707   | 513 | 0      | 1,853          | <b>78,378</b>  |
|     | L7      | 20,154 | 12,697 | 5,341  | 2,090 | 49  | 17      | 40,348 | 294 | 2     | 296     | 68,350 | 1,757 | 499   | 776   | 1,278 | 627 | 0      | 3,659          | <b>112,653</b> |
|     | L8      | 12,105 | 5,330  | 9,979  | 7,500 | 51  | 16      | 34,981 | 230 | 2     | 232     | 59,258 | 2,218 | 193   | 202   | 395   | 529 | 0      | 3,142          | <b>97,613</b>  |
|     | L9      | 3,003  | 1,663  | 98     | 52    | 35  | 12      | 4,863  | 361 | 2     | 363     | 8,238  | 37    | 61    | 76    | 137   | 66  | 0      | 240            | <b>13,704</b>  |
|     | R1      | 0      | 0      | 0      | 0     | 0   | 0       | 0      | 0   | 0     | 0       | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | 0              |
|     | R2      | 8,881  | 3,064  | 465    | 471   | 62  | 20      | 12,963 | 611 | 12    | 623     | 21,959 | 144   | 109   | 116   | 225   | 148 | 0      | 577            | <b>36,062</b>  |
|     | R3      | 10,859 | 7,622  | 613    | 321   | 79  | 24      | 19,518 | 470 | 10    | 480     | 33,063 | 181   | 278   | 273   | 551   | 262 | 0      | 994            | <b>54,055</b>  |
|     | R4      | 2,452  | 1,601  | 291    | 155   | 31  | 10      | 4,540  | 219 | 2     | 221     | 7,691  | 69    | 60    | 65    | 125   | 63  | 0      | 257            | <b>12,700</b>  |
|     | R5      | 3,161  | 1,425  | 896    | 562   | 19  | 5       | 6,068  | 68  | 1     | 69      | 10,279 | 226   | 49    | 43    | 92    | 117 | 0      | 435            | <b>16,861</b>  |
|     | 吉田川     | L1     | 0      | 0      | 0     | 0   | 0       | 0      | 0   | 0     | 0       | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              | 0              |
| L2  |         | 1,333  | 645    | 86     | 49    | 8   | 3       | 2,124  | 240 | 2     | 242     | 3,598  | 29    | 24    | 27    | 51    | 46  | 0      | 126            | <b>6,090</b>   |
| L3  |         | 404    | 367    | 62     | 10    | 9   | 3       | 855    | 162 | 0     | 162     | 1,448  | 12    | 13    | 14    | 27    | 17  | 0      | 56             | <b>2,521</b>   |
| L4  |         | 0      | 0      | 0      | 0     | 0   | 0       | 0      | 0   | 0     | 0       | 0      | 0     | 0     | 0     | 0     | 0   | 0      | 0              |                |
| R1  |         | 1,826  | 834    | 51     | 79    | 21  | 6       | 2,817  | 55  | 2     | 57      | 4,772  | 28    | 29    | 21    | 50    | 45  | 0      | 123            | <b>7,789</b>   |
| R2  |         | 6      | 3      | 0      | 0     | 0   | 0       | 9      | 16  | 0     | 16      | 15     | 0     | 0     | 1     | 1     | 0   | 0      | 1              | <b>41</b>      |
| R3  |         | 2,339  | 1,058  | 123    | 89    | 19  | 5       | 3,633  | 93  | 1     | 94      | 6,154  | 45    | 40    | 33    | 73    | 101 | 0      | 219            | <b>10,100</b>  |
| R4  |         | 27     | 24     | 1      | 1     | 1   | 0       | 54     | 49  | 2     | 51      | 91     | 0     | 1     | 2     | 3     | 1   | 0      | 4              | <b>200</b>     |
| R5  | 838     | 145    | 12     | 16     | 6     | 2   | 1,019   | 86     | 0   | 86    | 1,726   | 6      | 6     | 5     | 11    | 9     | 0   | 26     | <b>2,857</b>   |                |
| R6  | 45      | 25     | 9      | 5      | 1     | 0   | 85      | 62     | 0   | 62    | 144     | 3      | 1     | 2     | 3     | 3     | 0   | 9      | <b>300</b>     |                |
| R7  | 0       | 0      | 0      | 0      | 0     | 0   | 0       | 0      | 0   | 0     | 0       | 0      | 0     | 0     | 0     | 0     | 0   | 0      |                |                |
| 合計  | 107,802 | 63,343 | 28,124 | 15,486 | 551   | 176 | 215,462 | 5,240  | 83  | 5,323 | 365,025 | 7,329  | 2,390 | 3,035 | 5,425 | 3,608 | 0   | 16,362 | <b>602,192</b> |                |

※氾濫ブロックが重複する箇所は、被害額の大きい氾濫ブロックを選択。

氾濫ブロックが重複する箇所：鳴瀬川 R1 と吉田川 R1、選択ブロック：吉田川 R1

氾濫ブロックが重複する箇所：鳴瀬川 R2 と吉田川 L1、選択ブロック：鳴瀬川 R2

様式-4 年平均被害軽減期待額 水系名：鳴瀬川 河川名：鳴瀬川・吉田川

整備計画着手時（H19）～整備計画完成（H48）

《整備計画全体事業評価》

単位：百万円

| 確率規模  | 年平均<br>超過確率 | 被害額      |          |                         | 区間平均<br>被害額<br>④ | 区間<br>確率<br>⑤ | 年平均<br>被害額<br>④×⑤ | 年平均被害額の累計<br>＝<br>年平均被害軽減期待額 |
|-------|-------------|----------|----------|-------------------------|------------------|---------------|-------------------|------------------------------|
|       |             | ①<br>事業前 | ②<br>事業後 | ③<br>被害<br>軽減額<br>(①-②) |                  |               |                   |                              |
| 1/3   | 0.3333      | 0        | 0        | 0                       | 11               | 0.1333        | 1                 | 1                            |
| 1/5   | 0.2000      | 22       | 0        | 22                      | 61,928           | 0.1000        | 6,193             | 6,194                        |
| 1/10  | 0.1000      | 123,833  | 0        | 123,833                 | 237,447          | 0.0500        | 11,872            | 18,066                       |
| 1/20  | 0.0500      | 351,060  | 0        | 351,060                 | 421,600          | 0.0167        | 7,027             | 25,093                       |
| 1/30  | 0.0333      | 492,139  | 0        | 492,139                 | 380,608          | 0.0133        | 5,075             | 30,168                       |
| 1/50  | 0.0200      | 628,802  | 359,726  | 269,076                 | 236,893          | 0.0075        | 1,777             | 31,945                       |
| 1/80  | 0.0125      | 748,833  | 544,124  | 204,709                 | 211,769          | 0.0025        | 529               | 32,474                       |
| 1/100 | 0.0100      | 821,020  | 602,192  | 218,828                 |                  |               |                   |                              |

現況（H28）～整備計画完成（H48）

《整備計画残事業評価》

| 確率規模  | 年平均<br>超過確率 | 被害額      |          |                         | 区間平均<br>被害額<br>④ | 区間<br>確率<br>⑤ | 年平均<br>被害額<br>④×⑤ | 年平均被害額の累計<br>＝<br>年平均被害軽減期待額 |
|-------|-------------|----------|----------|-------------------------|------------------|---------------|-------------------|------------------------------|
|       |             | ①<br>事業前 | ②<br>事業後 | ③<br>被害<br>軽減額<br>(①-②) |                  |               |                   |                              |
| 1/3   | 0.3333      | 0        | 0        | 0                       | 0                | 0.1333        | 0                 | 0                            |
| 1/5   | 0.2000      | 0        | 0        | 0                       | 31,146           | 0.1000        | 3,115             | 3,115                        |
| 1/10  | 0.1000      | 62,291   | 0        | 62,291                  | 188,761          | 0.0500        | 9,438             | 12,553                       |
| 1/20  | 0.0500      | 315,230  | 0        | 315,230                 | 378,662          | 0.0167        | 6,311             | 18,864                       |
| 1/30  | 0.0333      | 442,094  | 0        | 442,094                 | 330,220          | 0.0133        | 4,403             | 23,267                       |
| 1/50  | 0.0200      | 578,071  | 359,726  | 218,345                 | 186,067          | 0.0075        | 1,396             | 24,663                       |
| 1/80  | 0.0125      | 697,913  | 544,124  | 153,789                 | 161,340          | 0.0025        | 403               | 25,066                       |
| 1/100 | 0.0100      | 771,083  | 602,192  | 168,891                 |                  |               |                   |                              |

様式-4 年平均被害軽減期待額 水系名：鳴瀬川 河川名：鳴瀬川・吉田川

現況（H28）～当面事業完成（H32）

《整備計画当面事業評価》

| 確率規模  | 年平均<br>超過確率 | 被害額      |          |                         | 区間平均<br>被害額<br>④ | 区間<br>確率<br>⑤ | 年平均<br>被害額<br>④×⑤ | 年平均被害額の累計<br>＝<br>年平均被害軽減期待額 |
|-------|-------------|----------|----------|-------------------------|------------------|---------------|-------------------|------------------------------|
|       |             | ①<br>事業前 | ②<br>事業後 | ③<br>被害<br>軽減額<br>(①-②) |                  |               |                   |                              |
| 1/3   | 0.3333      | 0        | 0        | 0                       | 0                | 0             | 0                 |                              |
| 1/5   | 0.2000      | 0        | 0        | 0                       | 31,146           | 0.1000        | 3,115             |                              |
| 1/10  | 0.1000      | 62,291   | 0        | 62,291                  | 73,506           | 0.0500        | 3,675             |                              |
| 1/20  | 0.0500      | 315,230  | 230,510  | 84,720                  | 70,401           | 0.0167        | 1,173             |                              |
| 1/30  | 0.0333      | 442,094  | 386,012  | 56,082                  | 40,953           | 0.0133        | 546               |                              |
| 1/50  | 0.0200      | 578,071  | 552,248  | 25,823                  | 25,252           | 0.0075        | 189               |                              |
| 1/80  | 0.0125      | 697,913  | 673,232  | 24,681                  | 27,225           | 0.0025        | 68                |                              |
| 1/100 | 0.0100      | 771,083  | 741,315  | 29,768                  |                  |               |                   |                              |

様式-5 費用対効果 水系名：鳴瀬川 河川名：鳴瀬川・吉田川 全体事業（H19～H48）  
（河川改修）

| 年次              | t   | 年度     | 便益        |           |               |          | 費用     |        |        |       |        |        | 費用<br>便益比<br>B/C | 純現在<br>価値<br>B-C |
|-----------------|-----|--------|-----------|-----------|---------------|----------|--------|--------|--------|-------|--------|--------|------------------|------------------|
|                 |     |        | 河道        |           | 残存<br>価値<br>② | 計<br>①+② | 建設費③   |        | 維持管理費④ |       | 計③+④   |        |                  |                  |
|                 |     |        | 便益        | 現在価値<br>① |               |          | 費用     | 現在価値   | 費用     | 現在価値  | 費用     | 現在価値   |                  |                  |
| 整備期間（30年）       | -8  | H19    | 0         | 0         |               |          | 2,598  | 3,652  |        |       | 2,598  | 3,652  |                  |                  |
|                 | -7  | H20    | 483       | 636       |               |          | 3,394  | 4,454  | 0      | 0     | 3,394  | 4,454  |                  |                  |
|                 | -6  | H21    | 1,115     | 1,411     |               |          | 4,627  | 6,026  | 1      | 1     | 4,628  | 6,027  |                  |                  |
|                 | -5  | H22    | 1,975     | 2,403     |               |          | 3,781  | 4,730  | 3      | 4     | 3,784  | 4,734  |                  |                  |
|                 | -4  | H23    | 2,678     | 3,133     |               |          | 5,808  | 6,846  | 4      | 5     | 5,812  | 6,851  |                  |                  |
|                 | -3  | H24    | 3,759     | 4,228     |               |          | 10,230 | 11,741 | 6      | 7     | 10,236 | 11,748 |                  |                  |
|                 | -2  | H25    | 5,662     | 6,124     |               |          | 3,559  | 3,849  | 14     | 15    | 3,573  | 3,864  |                  |                  |
|                 | -1  | H26    | 6,324     | 6,577     |               |          | 3,482  | 3,621  | 18     | 19    | 3,500  | 3,640  |                  |                  |
|                 | 0   | H27    | 6,971     | 6,971     |               |          | 2,348  | 2,348  | 19     | 19    | 2,367  | 2,367  |                  |                  |
|                 | 1   | H28    | 7,408     | 7,123     |               |          | 2,592  | 2,492  | 31     | 30    | 2,623  | 2,522  |                  |                  |
|                 | 2   | H29    | 9,419     | 8,708     |               |          | 2,042  | 1,888  | 37     | 34    | 2,079  | 1,922  |                  |                  |
|                 | 3   | H30    | 11,004    | 9,783     |               |          | 2,059  | 1,830  | 42     | 37    | 2,101  | 1,867  |                  |                  |
|                 | 4   | H31    | 12,602    | 10,772    |               |          | 2,120  | 1,812  | 44     | 38    | 2,164  | 1,850  |                  |                  |
|                 | 5   | H32    | 14,247    | 11,710    |               |          | 2,483  | 2,041  | 44     | 36    | 2,527  | 2,077  |                  |                  |
|                 | 6   | H33    | 16,174    | 12,783    |               |          | 2,478  | 1,958  | 45     | 36    | 2,523  | 1,994  |                  |                  |
|                 | 7   | H34    | 17,250    | 13,109    |               |          | 2,470  | 1,877  | 46     | 35    | 2,516  | 1,912  |                  |                  |
|                 | 8   | H35    | 18,323    | 13,388    |               |          | 2,699  | 1,972  | 48     | 35    | 2,747  | 2,007  |                  |                  |
|                 | 9   | H36    | 19,495    | 13,697    |               |          | 2,595  | 1,823  | 48     | 34    | 2,643  | 1,857  |                  |                  |
|                 | 10  | H37    | 20,622    | 13,931    |               |          | 2,592  | 1,751  | 48     | 32    | 2,640  | 1,783  |                  |                  |
|                 | 11  | H38    | 21,747    | 14,126    |               |          | 2,608  | 1,694  | 49     | 32    | 2,657  | 1,726  |                  |                  |
|                 | 12  | H39    | 22,880    | 14,291    |               |          | 2,240  | 1,399  | 50     | 31    | 2,290  | 1,430  |                  |                  |
| 13              | H40 | 23,852 | 14,325    |           |               | 2,289    | 1,375  | 52     | 31     | 2,341 | 1,406  |        |                  |                  |
| 14              | H41 | 24,846 | 14,348    |           |               | 2,283    | 1,318  | 53     | 31     | 2,336 | 1,349  |        |                  |                  |
| 15              | H42 | 25,838 | 14,347    |           |               | 2,306    | 1,280  | 56     | 31     | 2,362 | 1,311  |        |                  |                  |
| 16              | H43 | 26,839 | 14,330    |           |               | 2,470    | 1,319  | 58     | 31     | 2,528 | 1,350  |        |                  |                  |
| 17              | H44 | 27,912 | 14,329    |           |               | 2,521    | 1,294  | 60     | 31     | 2,581 | 1,325  |        |                  |                  |
| 18              | H45 | 29,007 | 14,319    |           |               | 2,284    | 1,127  | 64     | 32     | 2,348 | 1,159  |        |                  |                  |
| 19              | H46 | 29,998 | 14,238    |           |               | 2,150    | 1,020  | 67     | 32     | 2,217 | 1,052  |        |                  |                  |
| 20              | H47 | 30,932 | 14,117    |           |               | 1,751    | 799    | 72     | 33     | 1,823 | 832    |        |                  |                  |
| 21              | H48 | 31,692 | 13,908    |           |               | 1,800    | 790    | 83     | 36     | 1,883 | 826    |        |                  |                  |
| 施設完成後の評価期間（50年） | 22  | H49    | 32,474    | 13,703    |               |          |        |        | 92     | 39    | 92     | 39     |                  |                  |
|                 | 23  | H50    | 32,474    | 13,176    |               |          |        |        | 92     | 37    | 92     | 37     |                  |                  |
|                 | 24  | H51    | 32,474    | 12,669    |               |          |        |        | 92     | 36    | 92     | 36     |                  |                  |
|                 | 25  | H52    | 32,474    | 12,182    |               |          |        |        | 92     | 35    | 92     | 35     |                  |                  |
|                 | 26  | H53    | 32,474    | 11,713    |               |          |        |        | 92     | 33    | 92     | 33     |                  |                  |
|                 | 27  | H54    | 32,474    | 11,263    |               |          |        |        | 92     | 32    | 92     | 32     |                  |                  |
|                 | 28  | H55    | 32,474    | 10,829    |               |          |        |        | 92     | 31    | 92     | 31     |                  |                  |
|                 | 29  | H56    | 32,474    | 10,413    |               |          |        |        | 92     | 29    | 92     | 29     |                  |                  |
|                 | 30  | H57    | 32,474    | 10,012    |               |          |        |        | 92     | 28    | 92     | 28     |                  |                  |
|                 | 31  | H58    | 32,474    | 9,627     |               |          |        |        | 92     | 27    | 92     | 27     |                  |                  |
|                 | 32  | H59    | 32,474    | 9,257     |               |          |        |        | 92     | 26    | 92     | 26     |                  |                  |
|                 | 33  | H60    | 32,474    | 8,901     |               |          |        |        | 92     | 25    | 92     | 25     |                  |                  |
|                 | 34  | H61    | 32,474    | 8,559     |               |          |        |        | 92     | 24    | 92     | 24     |                  |                  |
|                 | 35  | H62    | 32,474    | 8,229     |               |          |        |        | 92     | 23    | 92     | 23     |                  |                  |
|                 | 36  | H63    | 32,474    | 7,913     |               |          |        |        | 92     | 22    | 92     | 22     |                  |                  |
|                 | 37  | H64    | 32,474    | 7,609     |               |          |        |        | 92     | 22    | 92     | 22     |                  |                  |
|                 | 38  | H65    | 32,474    | 7,316     |               |          |        |        | 92     | 21    | 92     | 21     |                  |                  |
|                 | 39  | H66    | 32,474    | 7,035     |               |          |        |        | 92     | 20    | 92     | 20     |                  |                  |
|                 | 40  | H67    | 32,474    | 6,764     |               |          |        |        | 92     | 19    | 92     | 19     |                  |                  |
|                 | 41  | H68    | 32,474    | 6,504     |               |          |        |        | 92     | 18    | 92     | 18     |                  |                  |
|                 | 42  | H69    | 32,474    | 6,254     |               |          |        |        | 92     | 18    | 92     | 18     |                  |                  |
|                 | 43  | H70    | 32,474    | 6,013     |               |          |        |        | 92     | 17    | 92     | 17     |                  |                  |
|                 | 44  | H71    | 32,474    | 5,782     |               |          |        |        | 92     | 16    | 92     | 16     |                  |                  |
|                 | 45  | H72    | 32,474    | 5,559     |               |          |        |        | 92     | 16    | 92     | 16     |                  |                  |
|                 | 46  | H73    | 32,474    | 5,346     |               |          |        |        | 92     | 15    | 92     | 15     |                  |                  |
|                 | 47  | H74    | 32,474    | 5,140     |               |          |        |        | 92     | 15    | 92     | 15     |                  |                  |
|                 | 48  | H75    | 32,474    | 4,942     |               |          |        |        | 92     | 14    | 92     | 14     |                  |                  |
|                 | 49  | H76    | 32,474    | 4,752     |               |          |        |        | 92     | 13    | 92     | 13     |                  |                  |
|                 | 50  | H77    | 32,474    | 4,570     |               |          |        |        | 92     | 13    | 92     | 13     |                  |                  |
|                 | 51  | H78    | 32,474    | 4,394     |               |          |        |        | 92     | 12    | 92     | 12     |                  |                  |
|                 | 52  | H79    | 32,474    | 4,225     |               |          |        |        | 92     | 12    | 92     | 12     |                  |                  |
| 53              | H80 | 32,474 | 4,062     |           |               |          |        | 92     | 12     | 92    | 12     |        |                  |                  |
| 54              | H81 | 32,474 | 3,906     |           |               |          |        | 92     | 11     | 92    | 11     |        |                  |                  |
| 55              | H82 | 32,474 | 3,756     |           |               |          |        | 92     | 11     | 92    | 11     |        |                  |                  |
| 56              | H83 | 32,474 | 3,611     |           |               |          |        | 92     | 10     | 92    | 10     |        |                  |                  |
| 57              | H84 | 32,474 | 3,472     |           |               |          |        | 92     | 10     | 92    | 10     |        |                  |                  |
| 58              | H85 | 32,474 | 3,339     |           |               |          |        | 92     | 9      | 92    | 9      |        |                  |                  |
| 59              | H86 | 32,474 | 3,210     |           |               |          |        | 92     | 9      | 92    | 9      |        |                  |                  |
| 60              | H87 | 32,474 | 3,087     |           |               |          |        | 92     | 9      | 92    | 9      |        |                  |                  |
| 61              | H88 | 32,474 | 2,968     |           |               |          |        | 92     | 8      | 92    | 8      |        |                  |                  |
| 62              | H89 | 32,474 | 2,854     |           |               |          |        | 92     | 8      | 92    | 8      |        |                  |                  |
| 63              | H90 | 32,474 | 2,744     |           |               |          |        | 92     | 8      | 92    | 8      |        |                  |                  |
| 64              | H91 | 32,474 | 2,639     |           |               |          |        | 92     | 7      | 92    | 7      |        |                  |                  |
| 65              | H92 | 32,474 | 2,537     |           |               |          |        | 92     | 7      | 92    | 7      |        |                  |                  |
| 66              | H93 | 32,474 | 2,440     |           |               |          |        | 92     | 7      | 92    | 7      |        |                  |                  |
| 67              | H94 | 32,474 | 2,346     |           |               |          |        | 92     | 7      | 92    | 7      |        |                  |                  |
| 68              | H95 | 32,474 | 2,256     |           |               |          |        | 92     | 6      | 92    | 6      |        |                  |                  |
| 69              | H96 | 32,474 | 2,169     |           |               |          |        | 92     | 6      | 92    | 6      |        |                  |                  |
| 70              | H97 | 32,474 | 2,085     |           |               |          |        | 92     | 6      | 92    | 6      |        |                  |                  |
| 71              | H98 | 32,474 | 2,005     |           |               |          |        | 92     | 6      | 92    | 6      |        |                  |                  |
| 合 計             |     |        | 2,094,754 | 609,302   | 2,698         | 612,000  | 88,659 | 80,126 | 5,762  | 1,633 | 94,421 | 81,759 |                  |                  |
| 総便益/総費用         |     |        |           |           |               | 612,000  |        |        |        |       | 81,759 | 7.5    | 530,241          |                  |

単位：百万円

様式-5 費用対効果 水系名：鳴瀬川 河川名：鳴瀬川・吉田川 残事業（H28～H48）  
 （河川改修）

| 年次              | t   | 年度     | 便益        |           |               |          | 費用     |        |        |      |        |        | 費用<br>便益比<br>B/C | 純現在<br>価値<br>B-C |  |
|-----------------|-----|--------|-----------|-----------|---------------|----------|--------|--------|--------|------|--------|--------|------------------|------------------|--|
|                 |     |        | 河道        |           | 残存<br>価値<br>② | 計<br>①+② | 建設費③   |        | 維持管理費④ |      | 計③+④   |        |                  |                  |  |
|                 |     |        | 便益        | 現在価値<br>① |               |          | 費用     | 現在価値   | 費用     | 現在価値 | 費用     | 現在価値   |                  |                  |  |
| 整備期間（30年）       | -8  | H19    | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0      |                  |                  |  |
|                 | -7  | H20    | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0      |                  |                  |  |
|                 | -6  | H21    | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0      |                  |                  |  |
|                 | -5  | H22    | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0      |                  |                  |  |
|                 | -4  | H23    | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0      |                  |                  |  |
|                 | -3  | H24    | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0      |                  |                  |  |
|                 | -2  | H25    | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0      |                  |                  |  |
|                 | -1  | H26    | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0      |                  |                  |  |
|                 | 0   | H27    | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0      |                  |                  |  |
|                 | 1   | H28    | 0         | 0         |               |          | 2,592  | 2,492  |        |      | 0      | 0      | 2,592            | 2,492            |  |
|                 | 2   | H29    | 2,011     | 1,859     |               |          | 2,042  | 1,888  |        |      | 6      | 6      | 2,048            | 1,894            |  |
|                 | 3   | H30    | 3,596     | 3,197     |               |          | 2,059  | 1,830  |        |      | 11     | 10     | 2,070            | 1,840            |  |
|                 | 4   | H31    | 5,194     | 4,440     |               |          | 2,120  | 1,812  |        |      | 13     | 11     | 2,133            | 1,823            |  |
|                 | 5   | H32    | 6,839     | 5,621     |               |          | 2,483  | 2,041  |        |      | 13     | 11     | 2,496            | 2,052            |  |
|                 | 6   | H33    | 8,766     | 6,928     |               |          | 2,478  | 1,958  |        |      | 14     | 11     | 2,492            | 1,969            |  |
|                 | 7   | H34    | 9,842     | 7,479     |               |          | 2,470  | 1,877  |        |      | 15     | 11     | 2,485            | 1,888            |  |
|                 | 8   | H35    | 10,915    | 7,975     |               |          | 2,699  | 1,972  |        |      | 17     | 12     | 2,716            | 1,984            |  |
|                 | 9   | H36    | 12,087    | 8,492     |               |          | 2,595  | 1,823  |        |      | 17     | 12     | 2,612            | 1,835            |  |
|                 | 10  | H37    | 13,214    | 8,927     |               |          | 2,592  | 1,751  |        |      | 17     | 11     | 2,609            | 1,762            |  |
|                 | 11  | H38    | 14,339    | 9,314     |               |          | 2,608  | 1,694  |        |      | 18     | 12     | 2,626            | 1,706            |  |
|                 | 12  | H39    | 15,472    | 9,664     |               |          | 2,240  | 1,399  |        |      | 19     | 12     | 2,259            | 1,411            |  |
| 13              | H40 | 16,444 | 9,876     |           |               | 2,289    | 1,375  |        |        | 21   | 13     | 2,310  | 1,388            |                  |  |
| 14              | H41 | 17,438 | 10,070    |           |               | 2,283    | 1,318  |        |        | 22   | 13     | 2,305  | 1,331            |                  |  |
| 15              | H42 | 18,430 | 10,234    |           |               | 2,306    | 1,280  |        |        | 25   | 14     | 2,331  | 1,294            |                  |  |
| 16              | H43 | 19,431 | 10,374    |           |               | 2,470    | 1,319  |        |        | 27   | 14     | 2,497  | 1,333            |                  |  |
| 17              | H44 | 20,504 | 10,526    |           |               | 2,521    | 1,294  |        |        | 29   | 15     | 2,550  | 1,309            |                  |  |
| 18              | H45 | 21,599 | 10,662    |           |               | 2,284    | 1,127  |        |        | 33   | 16     | 2,317  | 1,143            |                  |  |
| 19              | H46 | 22,590 | 10,722    |           |               | 2,150    | 1,020  |        |        | 36   | 17     | 2,186  | 1,037            |                  |  |
| 20              | H47 | 23,524 | 10,736    |           |               | 1,751    | 799    |        |        | 41   | 19     | 1,792  | 818              |                  |  |
| 21              | H48 | 24,284 | 10,657    |           |               | 1,800    | 790    |        |        | 52   | 23     | 1,852  | 813              |                  |  |
| 施設完成後の評価期間（50年） | 22  | H49    | 25,066    | 10,577    |               |          |        |        |        |      | 61     | 26     | 61               | 26               |  |
|                 | 23  | H50    | 25,066    | 10,170    |               |          |        |        |        |      | 61     | 25     | 61               | 25               |  |
|                 | 24  | H51    | 25,066    | 9,779     |               |          |        |        |        |      | 61     | 24     | 61               | 24               |  |
|                 | 25  | H52    | 25,066    | 9,403     |               |          |        |        |        |      | 61     | 23     | 61               | 23               |  |
|                 | 26  | H53    | 25,066    | 9,041     |               |          |        |        |        |      | 61     | 22     | 61               | 22               |  |
|                 | 27  | H54    | 25,066    | 8,693     |               |          |        |        |        |      | 61     | 21     | 61               | 21               |  |
|                 | 28  | H55    | 25,066    | 8,359     |               |          |        |        |        |      | 61     | 20     | 61               | 20               |  |
|                 | 29  | H56    | 25,066    | 8,037     |               |          |        |        |        |      | 61     | 20     | 61               | 20               |  |
|                 | 30  | H57    | 25,066    | 7,728     |               |          |        |        |        |      | 61     | 19     | 61               | 19               |  |
|                 | 31  | H58    | 25,066    | 7,431     |               |          |        |        |        |      | 61     | 18     | 61               | 18               |  |
|                 | 32  | H59    | 25,066    | 7,145     |               |          |        |        |        |      | 61     | 17     | 61               | 17               |  |
|                 | 33  | H60    | 25,066    | 6,870     |               |          |        |        |        |      | 61     | 17     | 61               | 17               |  |
|                 | 34  | H61    | 25,066    | 6,606     |               |          |        |        |        |      | 61     | 16     | 61               | 16               |  |
|                 | 35  | H62    | 25,066    | 6,352     |               |          |        |        |        |      | 61     | 15     | 61               | 15               |  |
|                 | 36  | H63    | 25,066    | 6,108     |               |          |        |        |        |      | 61     | 15     | 61               | 15               |  |
|                 | 37  | H64    | 25,066    | 5,873     |               |          |        |        |        |      | 61     | 14     | 61               | 14               |  |
|                 | 38  | H65    | 25,066    | 5,647     |               |          |        |        |        |      | 61     | 14     | 61               | 14               |  |
|                 | 39  | H66    | 25,066    | 5,430     |               |          |        |        |        |      | 61     | 13     | 61               | 13               |  |
|                 | 40  | H67    | 25,066    | 5,221     |               |          |        |        |        |      | 61     | 13     | 61               | 13               |  |
|                 | 41  | H68    | 25,066    | 5,020     |               |          |        |        |        |      | 61     | 12     | 61               | 12               |  |
|                 | 42  | H69    | 25,066    | 4,827     |               |          |        |        |        |      | 61     | 12     | 61               | 12               |  |
|                 | 43  | H70    | 25,066    | 4,641     |               |          |        |        |        |      | 61     | 11     | 61               | 11               |  |
|                 | 44  | H71    | 25,066    | 4,463     |               |          |        |        |        |      | 61     | 11     | 61               | 11               |  |
|                 | 45  | H72    | 25,066    | 4,291     |               |          |        |        |        |      | 61     | 10     | 61               | 10               |  |
|                 | 46  | H73    | 25,066    | 4,126     |               |          |        |        |        |      | 61     | 10     | 61               | 10               |  |
|                 | 47  | H74    | 25,066    | 3,968     |               |          |        |        |        |      | 61     | 10     | 61               | 10               |  |
|                 | 48  | H75    | 25,066    | 3,815     |               |          |        |        |        |      | 61     | 9      | 61               | 9                |  |
|                 | 49  | H76    | 25,066    | 3,668     |               |          |        |        |        |      | 61     | 9      | 61               | 9                |  |
|                 | 50  | H77    | 25,066    | 3,527     |               |          |        |        |        |      | 61     | 9      | 61               | 9                |  |
|                 | 51  | H78    | 25,066    | 3,391     |               |          |        |        |        |      | 61     | 8      | 61               | 8                |  |
|                 | 52  | H79    | 25,066    | 3,261     |               |          |        |        |        |      | 61     | 8      | 61               | 8                |  |
| 53              | H80 | 25,066 | 3,136     |           |               |          |        |        |        | 61   | 8      | 61     | 8                |                  |  |
| 54              | H81 | 25,066 | 3,015     |           |               |          |        |        |        | 61   | 7      | 61     | 7                |                  |  |
| 55              | H82 | 25,066 | 2,899     |           |               |          |        |        |        | 61   | 7      | 61     | 7                |                  |  |
| 56              | H83 | 25,066 | 2,788     |           |               |          |        |        |        | 61   | 7      | 61     | 7                |                  |  |
| 57              | H84 | 25,066 | 2,680     |           |               |          |        |        |        | 61   | 7      | 61     | 7                |                  |  |
| 58              | H85 | 25,066 | 2,577     |           |               |          |        |        |        | 61   | 6      | 61     | 6                |                  |  |
| 59              | H86 | 25,066 | 2,478     |           |               |          |        |        |        | 61   | 6      | 61     | 6                |                  |  |
| 60              | H87 | 25,066 | 2,383     |           |               |          |        |        |        | 61   | 6      | 61     | 6                |                  |  |
| 61              | H88 | 25,066 | 2,291     |           |               |          |        |        |        | 61   | 6      | 61     | 6                |                  |  |
| 62              | H89 | 25,066 | 2,203     |           |               |          |        |        |        | 61   | 5      | 61     | 5                |                  |  |
| 63              | H90 | 25,066 | 2,118     |           |               |          |        |        |        | 61   | 5      | 61     | 5                |                  |  |
| 64              | H91 | 25,066 | 2,037     |           |               |          |        |        |        | 61   | 5      | 61     | 5                |                  |  |
| 65              | H92 | 25,066 | 1,958     |           |               |          |        |        |        | 61   | 5      | 61     | 5                |                  |  |
| 66              | H93 | 25,066 | 1,883     |           |               |          |        |        |        | 61   | 5      | 61     | 5                |                  |  |
| 67              | H94 | 25,066 | 1,811     |           |               |          |        |        |        | 61   | 4      | 61     | 4                |                  |  |
| 68              | H95 | 25,066 | 1,741     |           |               |          |        |        |        | 61   | 4      | 61     | 4                |                  |  |
| 69              | H96 | 25,066 | 1,674     |           |               |          |        |        |        | 61   | 4      | 61     | 4                |                  |  |
| 70              | H97 | 25,066 | 1,610     |           |               |          |        |        |        | 61   | 4      | 61     | 4                |                  |  |
| 71              | H98 | 25,066 | 1,548     |           |               |          |        |        |        | 61   | 4      | 61     | 4                |                  |  |
| 合 計             |     |        | 1,539,819 | 404,051   | 1,040         | 405,091  | 48,832 | 32,859 | 3,496  | 839  | 52,328 | 33,698 | 12.0             | 371,393          |  |
| 総便益/総費用         |     |        |           |           |               |          |        |        |        |      |        |        |                  |                  |  |

様式-5 費用対効果 水系名：鳴瀬川 河川名：鳴瀬川・吉田川 当面事業（H28～H32）  
 （河川改修）

| 年次              | t   | 年度    | 便益      |           |               |          | 費用     |        |        |      |        |        | 費用<br>便益比<br>B/C | 純現在<br>価値<br>B-C |
|-----------------|-----|-------|---------|-----------|---------------|----------|--------|--------|--------|------|--------|--------|------------------|------------------|
|                 |     |       | 河道      |           | 残存<br>価値<br>② | 計<br>①+② | 建設費③   |        | 維持管理費④ |      | 計③+④   |        |                  |                  |
|                 |     |       | 便益      | 現在価値<br>① |               |          | 費用     | 現在価値   | 費用     | 現在価値 | 費用     | 現在価値   |                  |                  |
| 整備期間（30年）       | -8  | H19   | 0       | 0         |               |          | 0      | 0      |        |      | 0      | 0      |                  |                  |
|                 | -7  | H20   | 0       | 0         |               |          | 0      | 0      | 0      | 0    | 0      | 0      |                  |                  |
|                 | -6  | H21   | 0       | 0         |               |          | 0      | 0      | 0      | 0    | 0      | 0      |                  |                  |
|                 | -5  | H22   | 0       | 0         |               |          | 0      | 0      | 0      | 0    | 0      | 0      |                  |                  |
|                 | -4  | H23   | 0       | 0         |               |          | 0      | 0      | 0      | 0    | 0      | 0      |                  |                  |
|                 | -3  | H24   | 0       | 0         |               |          | 0      | 0      | 0      | 0    | 0      | 0      |                  |                  |
|                 | -2  | H25   | 0       | 0         |               |          | 0      | 0      | 0      | 0    | 0      | 0      |                  |                  |
|                 | -1  | H26   | 0       | 0         |               |          | 0      | 0      | 0      | 0    | 0      | 0      |                  |                  |
|                 | 0   | H27   | 0       | 0         |               |          | 0      | 0      | 0      | 0    | 0      | 0      |                  |                  |
|                 | 1   | H28   | 0       | 0         |               |          | 2,592  | 2,492  | 0      | 0    | 2,592  | 2,492  |                  |                  |
|                 | 2   | H29   | 2,011   | 1,859     |               |          | 2,042  | 1,888  | 6      | 6    | 2,048  | 1,894  |                  |                  |
|                 | 3   | H30   | 3,596   | 3,197     |               |          | 2,059  | 1,830  | 11     | 10   | 2,070  | 1,840  |                  |                  |
|                 | 4   | H31   | 5,194   | 4,440     |               |          | 2,120  | 1,812  | 13     | 11   | 2,133  | 1,823  |                  |                  |
|                 | 5   | H32   | 6,839   | 5,621     |               |          | 2,483  | 2,041  | 13     | 11   | 2,496  | 2,052  |                  |                  |
|                 | 6   | H33   | 8,766   | 6,928     |               |          | 0      | 0      | 14     | 11   | 14     | 11     |                  |                  |
|                 | 7   | H34   | 8,766   | 6,661     |               |          | 0      | 0      | 14     | 11   | 14     | 11     |                  |                  |
|                 | 8   | H35   | 8,766   | 6,405     |               |          | 0      | 0      | 14     | 10   | 14     | 10     |                  |                  |
|                 | 9   | H36   | 8,766   | 6,159     |               |          | 0      | 0      | 14     | 10   | 14     | 10     |                  |                  |
|                 | 10  | H37   | 8,766   | 5,922     |               |          | 0      | 0      | 14     | 9    | 14     | 9      |                  |                  |
|                 | 11  | H38   | 8,766   | 5,694     |               |          | 0      | 0      | 14     | 9    | 14     | 9      |                  |                  |
|                 | 12  | H39   | 8,766   | 5,475     |               |          | 0      | 0      | 14     | 9    | 14     | 9      |                  |                  |
| 13              | H40 | 8,766 | 5,265   |           |               | 0        | 0      | 14     | 8      | 14   | 8      |        |                  |                  |
| 14              | H41 | 8,766 | 5,062   |           |               | 0        | 0      | 14     | 8      | 14   | 8      |        |                  |                  |
| 15              | H42 | 8,766 | 4,867   |           |               | 0        | 0      | 14     | 8      | 14   | 8      |        |                  |                  |
| 16              | H43 | 8,766 | 4,680   |           |               | 0        | 0      | 14     | 7      | 14   | 7      |        |                  |                  |
| 17              | H44 | 8,766 | 4,500   |           |               | 0        | 0      | 14     | 7      | 14   | 7      |        |                  |                  |
| 18              | H45 | 8,766 | 4,327   |           |               | 0        | 0      | 14     | 7      | 14   | 7      |        |                  |                  |
| 19              | H46 | 8,766 | 4,161   |           |               | 0        | 0      | 14     | 7      | 14   | 7      |        |                  |                  |
| 20              | H47 | 8,766 | 4,001   |           |               | 0        | 0      | 14     | 6      | 14   | 6      |        |                  |                  |
| 21              | H48 | 8,766 | 3,847   |           |               | 0        | 0      | 14     | 6      | 14   | 6      |        |                  |                  |
| 施設完成後の評価期間（50年） | 22  | H49   | 8,766   | 3,699     |               |          |        |        | 14     | 6    | 14     | 6      |                  |                  |
|                 | 23  | H50   | 8,766   | 3,557     |               |          |        |        | 14     | 6    | 14     | 6      |                  |                  |
|                 | 24  | H51   | 8,766   | 3,420     |               |          |        |        | 14     | 5    | 14     | 5      |                  |                  |
|                 | 25  | H52   | 8,766   | 3,288     |               |          |        |        | 14     | 5    | 14     | 5      |                  |                  |
|                 | 26  | H53   | 8,766   | 3,162     |               |          |        |        | 14     | 5    | 14     | 5      |                  |                  |
|                 | 27  | H54   | 8,766   | 3,040     |               |          |        |        | 14     | 5    | 14     | 5      |                  |                  |
|                 | 28  | H55   | 8,766   | 2,923     |               |          |        |        | 14     | 5    | 14     | 5      |                  |                  |
|                 | 29  | H56   | 8,766   | 2,811     |               |          |        |        | 14     | 4    | 14     | 4      |                  |                  |
|                 | 30  | H57   | 8,766   | 2,703     |               |          |        |        | 14     | 4    | 14     | 4      |                  |                  |
|                 | 31  | H58   | 8,766   | 2,599     |               |          |        |        | 14     | 4    | 14     | 4      |                  |                  |
|                 | 32  | H59   | 8,766   | 2,499     |               |          |        |        | 14     | 4    | 14     | 4      |                  |                  |
|                 | 33  | H60   | 8,766   | 2,403     |               |          |        |        | 14     | 4    | 14     | 4      |                  |                  |
|                 | 34  | H61   | 8,766   | 2,310     |               |          |        |        | 14     | 4    | 14     | 4      |                  |                  |
|                 | 35  | H62   | 8,766   | 2,221     |               |          |        |        | 14     | 4    | 14     | 4      |                  |                  |
|                 | 36  | H63   | 8,766   | 2,136     |               |          |        |        | 14     | 3    | 14     | 3      |                  |                  |
|                 | 37  | H64   | 8,766   | 2,054     |               |          |        |        | 14     | 3    | 14     | 3      |                  |                  |
|                 | 38  | H65   | 8,766   | 1,975     |               |          |        |        | 14     | 3    | 14     | 3      |                  |                  |
|                 | 39  | H66   | 8,766   | 1,899     |               |          |        |        | 14     | 3    | 14     | 3      |                  |                  |
|                 | 40  | H67   | 8,766   | 1,826     |               |          |        |        | 14     | 3    | 14     | 3      |                  |                  |
|                 | 41  | H68   | 8,766   | 1,756     |               |          |        |        | 14     | 3    | 14     | 3      |                  |                  |
|                 | 42  | H69   | 8,766   | 1,688     |               |          |        |        | 14     | 3    | 14     | 3      |                  |                  |
|                 | 43  | H70   | 8,766   | 1,623     |               |          |        |        | 14     | 3    | 14     | 3      |                  |                  |
|                 | 44  | H71   | 8,766   | 1,561     |               |          |        |        | 14     | 2    | 14     | 2      |                  |                  |
|                 | 45  | H72   | 8,766   | 1,501     |               |          |        |        | 14     | 2    | 14     | 2      |                  |                  |
|                 | 46  | H73   | 8,766   | 1,443     |               |          |        |        | 14     | 2    | 14     | 2      |                  |                  |
|                 | 47  | H74   | 8,766   | 1,388     |               |          |        |        | 14     | 2    | 14     | 2      |                  |                  |
|                 | 48  | H75   | 8,766   | 1,334     |               |          |        |        | 14     | 2    | 14     | 2      |                  |                  |
|                 | 49  | H76   | 8,766   | 1,283     |               |          |        |        | 14     | 2    | 14     | 2      |                  |                  |
|                 | 50  | H77   | 8,766   | 1,233     |               |          |        |        | 14     | 2    | 14     | 2      |                  |                  |
|                 | 51  | H78   | 8,766   | 1,186     |               |          |        |        | 14     | 2    | 14     | 2      |                  |                  |
|                 | 52  | H79   | 8,766   | 1,140     |               |          |        |        | 14     | 2    | 14     | 2      |                  |                  |
| 53              | H80 | 8,766 | 1,097   |           |               |          |        | 14     | 2      | 14   | 2      |        |                  |                  |
| 54              | H81 | 8,766 | 1,054   |           |               |          |        | 14     | 2      | 14   | 2      |        |                  |                  |
| 55              | H82 | 8,766 | 1,014   |           |               |          |        | 14     | 2      | 14   | 2      |        |                  |                  |
| 56              | H83 |       |         |           |               |          |        |        |        |      |        |        |                  |                  |
| 57              | H84 |       |         |           |               |          |        |        |        |      |        |        |                  |                  |
| 58              | H85 |       |         |           |               |          |        |        |        |      |        |        |                  |                  |
| 59              | H86 |       |         |           |               |          |        |        |        |      |        |        |                  |                  |
| 60              | H87 |       |         |           |               |          |        |        |        |      |        |        |                  |                  |
| 61              | H88 |       |         |           |               |          |        |        |        |      |        |        |                  |                  |
| 62              | H89 |       |         |           |               |          |        |        |        |      |        |        |                  |                  |
| 63              | H90 |       |         |           |               |          |        |        |        |      |        |        |                  |                  |
| 64              | H91 |       |         |           |               |          |        |        |        |      |        |        |                  |                  |
| 65              | H92 |       |         |           |               |          |        |        |        |      |        |        |                  |                  |
| 66              | H93 |       |         |           |               |          |        |        |        |      |        |        |                  |                  |
| 67              | H94 |       |         |           |               |          |        |        |        |      |        |        |                  |                  |
| 68              | H95 |       |         |           |               |          |        |        |        |      |        |        |                  |                  |
| 69              | H96 |       |         |           |               |          |        |        |        |      |        |        |                  |                  |
| 70              | H97 |       |         |           |               |          |        |        |        |      |        |        |                  |                  |
| 71              | H98 |       |         |           |               |          |        |        |        |      |        |        |                  |                  |
| 合計              |     |       | 455,940 | 169,897   | 416           | 170,313  | 11,296 | 10,063 | 743    | 284  | 12,039 | 10,347 |                  |                  |
| 総便益/総費用         |     |       |         |           |               | 170,313  |        |        |        |      |        | 10,347 | 16.5             | 159,966          |

単位：百万円

感度分析様式（河川改修）

単位：億円

●H19～H48 全体事業（河川改修）

| 鳴瀬川整備計画<br>（河川改修） | 基本<br>ケース | 感度分析  |       |       |       |       |       |
|-------------------|-----------|-------|-------|-------|-------|-------|-------|
|                   |           | 残事業費  |       | 残工期   |       | 資産    |       |
|                   |           | +10%  | -10%  | +10%  | -10%  | +10%  | -10%  |
| 総便益<br>（現在価値化後）   | 6,120     | 6,123 | 6,117 | 6,076 | 6,165 | 6,711 | 5,529 |
| 総費用<br>（現在価値化後）   | 818       | 851   | 785   | 806   | 830   | 818   | 818   |
| 費用便益比<br>（B/C）    | 7.5       | 7.2   | 7.8   | 7.5   | 7.4   | 8.2   | 6.8   |
| 純現在価値B-C<br>（B-C） | 5,302     | 5,272 | 5,333 | 5,270 | 5,336 | 5,893 | 4,712 |

●H28～H48 全体事業（河川改修）

| 鳴瀬川整備計画<br>（河川改修） | 基本<br>ケース | 感度分析  |       |       |       |       |       |
|-------------------|-----------|-------|-------|-------|-------|-------|-------|
|                   |           | 残事業費  |       | 残工期   |       | 資産    |       |
|                   |           | +10%  | -10%  | +10%  | -10%  | +10%  | -10%  |
| 総便益<br>（現在価値化後）   | 4,051     | 4,052 | 4,050 | 4,000 | 4,104 | 4,443 | 3,659 |
| 総費用<br>（現在価値化後）   | 337       | 370   | 304   | 326   | 349   | 337   | 337   |
| 費用便益比<br>（B/C）    | 12.0      | 11.0  | 13.3  | 12.3  | 11.8  | 13.2  | 10.9  |
| 純現在価値B-C<br>（B-C） | 3,714     | 3,682 | 3,746 | 3,674 | 3,756 | 4,106 | 3,322 |

【感度分析】全体事業（河川改修）

様式-5 費用対効果（基本）

水系名：鳴瀬川 河川名：鳴瀬川・吉田川

単位：百万円

| 年次              | t   | 年度     | 便益        |           |               | 費用       |        |        |        |       |        | 費用<br>便益比<br>B/C | 純現在<br>価値<br>B-C |         |
|-----------------|-----|--------|-----------|-----------|---------------|----------|--------|--------|--------|-------|--------|------------------|------------------|---------|
|                 |     |        | 河道        |           | 残存<br>価値<br>② | 計<br>①+② | 建設費③   |        | 維持管理費④ |       | 計③+④   |                  |                  |         |
|                 |     |        | 便益        | 現在価値<br>① |               |          | 費用     | 現在価値   | 費用     | 現在価値  | 費用     |                  |                  | 現在価値    |
| 整備期間（30年）       | -8  | H19    | 0         | 0         |               |          | 2,598  | 3,652  |        |       | 2,598  | 3,652            |                  |         |
|                 | -7  | H20    | 483       | 636       |               |          | 3,394  | 4,454  | 0      | 0     | 3,394  | 4,454            |                  |         |
|                 | -6  | H21    | 1,115     | 1,411     |               |          | 4,627  | 6,026  | 1      | 1     | 4,628  | 6,027            |                  |         |
|                 | -5  | H22    | 1,975     | 2,403     |               |          | 3,781  | 4,730  | 3      | 4     | 3,784  | 4,734            |                  |         |
|                 | -4  | H23    | 2,678     | 3,133     |               |          | 5,808  | 6,846  | 4      | 5     | 5,812  | 6,851            |                  |         |
|                 | -3  | H24    | 3,759     | 4,228     |               |          | 10,230 | 11,741 | 6      | 7     | 10,236 | 11,748           |                  |         |
|                 | -2  | H25    | 5,662     | 6,124     |               |          | 3,559  | 3,849  | 14     | 15    | 3,573  | 3,864            |                  |         |
|                 | -1  | H26    | 6,324     | 6,577     |               |          | 3,482  | 3,621  | 18     | 19    | 3,500  | 3,640            |                  |         |
|                 | 0   | H27    | 6,971     | 6,971     |               |          | 2,348  | 2,348  | 19     | 19    | 2,367  | 2,367            |                  |         |
|                 | 1   | H28    | 7,408     | 7,123     |               |          | 2,592  | 2,492  | 31     | 30    | 2,623  | 2,522            |                  |         |
|                 | 2   | H29    | 9,419     | 8,708     |               |          | 2,042  | 1,888  | 37     | 34    | 2,079  | 1,922            |                  |         |
|                 | 3   | H30    | 11,004    | 9,783     |               |          | 2,059  | 1,830  | 42     | 37    | 2,101  | 1,867            |                  |         |
|                 | 4   | H31    | 12,602    | 10,772    |               |          | 2,120  | 1,812  | 44     | 38    | 2,164  | 1,850            |                  |         |
|                 | 5   | H32    | 14,247    | 11,710    |               |          | 2,483  | 2,041  | 44     | 36    | 2,527  | 2,077            |                  |         |
|                 | 6   | H33    | 16,174    | 12,783    |               |          | 2,478  | 1,958  | 45     | 36    | 2,523  | 1,994            |                  |         |
|                 | 7   | H34    | 17,250    | 13,109    |               |          | 2,470  | 1,877  | 46     | 35    | 2,516  | 1,912            |                  |         |
|                 | 8   | H35    | 18,323    | 13,388    |               |          | 2,699  | 1,972  | 48     | 35    | 2,747  | 2,007            |                  |         |
|                 | 9   | H36    | 19,495    | 13,697    |               |          | 2,595  | 1,823  | 48     | 34    | 2,643  | 1,857            |                  |         |
|                 | 10  | H37    | 20,622    | 13,931    |               |          | 2,592  | 1,751  | 48     | 32    | 2,640  | 1,783            |                  |         |
|                 | 11  | H38    | 21,747    | 14,126    |               |          | 2,608  | 1,694  | 49     | 32    | 2,657  | 1,726            |                  |         |
|                 | 12  | H39    | 22,880    | 14,291    |               |          | 2,240  | 1,399  | 50     | 31    | 2,290  | 1,430            |                  |         |
| 13              | H40 | 23,852 | 14,325    |           |               | 2,289    | 1,375  | 52     | 31     | 2,341 | 1,406  |                  |                  |         |
| 14              | H41 | 24,846 | 14,348    |           |               | 2,283    | 1,318  | 53     | 31     | 2,336 | 1,349  |                  |                  |         |
| 15              | H42 | 25,838 | 14,347    |           |               | 2,306    | 1,280  | 56     | 31     | 2,362 | 1,311  |                  |                  |         |
| 16              | H43 | 26,839 | 14,330    |           |               | 2,470    | 1,319  | 58     | 31     | 2,528 | 1,350  |                  |                  |         |
| 17              | H44 | 27,912 | 14,329    |           |               | 2,521    | 1,294  | 60     | 31     | 2,581 | 1,325  |                  |                  |         |
| 18              | H45 | 29,007 | 14,319    |           |               | 2,284    | 1,127  | 64     | 32     | 2,348 | 1,159  |                  |                  |         |
| 19              | H46 | 29,998 | 14,238    |           |               | 2,150    | 1,020  | 67     | 32     | 2,217 | 1,052  |                  |                  |         |
| 20              | H47 | 30,932 | 14,117    |           |               | 1,751    | 799    | 72     | 33     | 1,823 | 832    |                  |                  |         |
| 21              | H48 | 31,692 | 13,908    |           |               | 1,800    | 790    | 83     | 36     | 1,883 | 826    |                  |                  |         |
| 施設完成後の評価期間（50年） | 22  | H49    | 32,474    | 13,703    |               |          |        |        | 92     | 39    | 92     | 39               |                  |         |
|                 | 23  | H50    | 32,474    | 13,176    |               |          |        |        | 92     | 37    | 92     | 37               |                  |         |
|                 | 24  | H51    | 32,474    | 12,669    |               |          |        |        | 92     | 36    | 92     | 36               |                  |         |
|                 | 25  | H52    | 32,474    | 12,182    |               |          |        |        | 92     | 35    | 92     | 35               |                  |         |
|                 | 26  | H53    | 32,474    | 11,713    |               |          |        |        | 92     | 33    | 92     | 33               |                  |         |
|                 | 27  | H54    | 32,474    | 11,263    |               |          |        |        | 92     | 32    | 92     | 32               |                  |         |
|                 | 28  | H55    | 32,474    | 10,829    |               |          |        |        | 92     | 31    | 92     | 31               |                  |         |
|                 | 29  | H56    | 32,474    | 10,413    |               |          |        |        | 92     | 29    | 92     | 29               |                  |         |
|                 | 30  | H57    | 32,474    | 10,012    |               |          |        |        | 92     | 28    | 92     | 28               |                  |         |
|                 | 31  | H58    | 32,474    | 9,627     |               |          |        |        | 92     | 27    | 92     | 27               |                  |         |
|                 | 32  | H59    | 32,474    | 9,257     |               |          |        |        | 92     | 26    | 92     | 26               |                  |         |
|                 | 33  | H60    | 32,474    | 8,901     |               |          |        |        | 92     | 25    | 92     | 25               |                  |         |
|                 | 34  | H61    | 32,474    | 8,559     |               |          |        |        | 92     | 24    | 92     | 24               |                  |         |
|                 | 35  | H62    | 32,474    | 8,229     |               |          |        |        | 92     | 23    | 92     | 23               |                  |         |
|                 | 36  | H63    | 32,474    | 7,913     |               |          |        |        | 92     | 22    | 92     | 22               |                  |         |
|                 | 37  | H64    | 32,474    | 7,609     |               |          |        |        | 92     | 22    | 92     | 22               |                  |         |
|                 | 38  | H65    | 32,474    | 7,316     |               |          |        |        | 92     | 21    | 92     | 21               |                  |         |
|                 | 39  | H66    | 32,474    | 7,035     |               |          |        |        | 92     | 20    | 92     | 20               |                  |         |
|                 | 40  | H67    | 32,474    | 6,764     |               |          |        |        | 92     | 19    | 92     | 19               |                  |         |
|                 | 41  | H68    | 32,474    | 6,504     |               |          |        |        | 92     | 18    | 92     | 18               |                  |         |
|                 | 42  | H69    | 32,474    | 6,254     |               |          |        |        | 92     | 18    | 92     | 18               |                  |         |
|                 | 43  | H70    | 32,474    | 6,013     |               |          |        |        | 92     | 17    | 92     | 17               |                  |         |
|                 | 44  | H71    | 32,474    | 5,782     |               |          |        |        | 92     | 16    | 92     | 16               |                  |         |
|                 | 45  | H72    | 32,474    | 5,559     |               |          |        |        | 92     | 16    | 92     | 16               |                  |         |
|                 | 46  | H73    | 32,474    | 5,346     |               |          |        |        | 92     | 15    | 92     | 15               |                  |         |
|                 | 47  | H74    | 32,474    | 5,140     |               |          |        |        | 92     | 15    | 92     | 15               |                  |         |
|                 | 48  | H75    | 32,474    | 4,942     |               |          |        |        | 92     | 14    | 92     | 14               |                  |         |
|                 | 49  | H76    | 32,474    | 4,752     |               |          |        |        | 92     | 13    | 92     | 13               |                  |         |
|                 | 50  | H77    | 32,474    | 4,570     |               |          |        |        | 92     | 13    | 92     | 13               |                  |         |
|                 | 51  | H78    | 32,474    | 4,394     |               |          |        |        | 92     | 12    | 92     | 12               |                  |         |
|                 | 52  | H79    | 32,474    | 4,225     |               |          |        |        | 92     | 12    | 92     | 12               |                  |         |
| 53              | H80 | 32,474 | 4,062     |           |               |          |        | 92     | 12     | 92    | 12     |                  |                  |         |
| 54              | H81 | 32,474 | 3,906     |           |               |          |        | 92     | 11     | 92    | 11     |                  |                  |         |
| 55              | H82 | 32,474 | 3,756     |           |               |          |        | 92     | 11     | 92    | 11     |                  |                  |         |
| 56              | H83 | 32,474 | 3,611     |           |               |          |        | 92     | 10     | 92    | 10     |                  |                  |         |
| 57              | H84 | 32,474 | 3,472     |           |               |          |        | 92     | 10     | 92    | 10     |                  |                  |         |
| 58              | H85 | 32,474 | 3,339     |           |               |          |        | 92     | 9      | 92    | 9      |                  |                  |         |
| 59              | H86 | 32,474 | 3,210     |           |               |          |        | 92     | 9      | 92    | 9      |                  |                  |         |
| 60              | H87 | 32,474 | 3,087     |           |               |          |        | 92     | 9      | 92    | 9      |                  |                  |         |
| 61              | H88 | 32,474 | 2,968     |           |               |          |        | 92     | 8      | 92    | 8      |                  |                  |         |
| 62              | H89 | 32,474 | 2,854     |           |               |          |        | 92     | 8      | 92    | 8      |                  |                  |         |
| 63              | H90 | 32,474 | 2,744     |           |               |          |        | 92     | 8      | 92    | 8      |                  |                  |         |
| 64              | H91 | 32,474 | 2,639     |           |               |          |        | 92     | 7      | 92    | 7      |                  |                  |         |
| 65              | H92 | 32,474 | 2,537     |           |               |          |        | 92     | 7      | 92    | 7      |                  |                  |         |
| 66              | H93 | 32,474 | 2,440     |           |               |          |        | 92     | 7      | 92    | 7      |                  |                  |         |
| 67              | H94 | 32,474 | 2,346     |           |               |          |        | 92     | 7      | 92    | 7      |                  |                  |         |
| 68              | H95 | 32,474 | 2,256     |           |               |          |        | 92     | 6      | 92    | 6      |                  |                  |         |
| 69              | H96 | 32,474 | 2,169     |           |               |          |        | 92     | 6      | 92    | 6      |                  |                  |         |
| 70              | H97 | 32,474 | 2,085     |           |               |          |        | 92     | 6      | 92    | 6      |                  |                  |         |
| 71              | H98 | 32,474 | 2,005     |           |               |          |        | 92     | 6      | 92    | 6      |                  |                  |         |
| 合計              |     |        | 2,094,754 | 609,302   | 2,698         | 612,000  | 88,659 | 80,126 | 5,762  | 1,633 | 94,421 | 81,759           |                  |         |
| 総便益/総費用         |     |        |           |           |               | 612,000  |        |        |        |       |        | 81,759           | 7.5              | 530,241 |

【感度分析】全体事業（河川改修）

様式-5 費用対効果（残事業費+10%）

水系名：鳴瀬川 河川名：鳴瀬川・吉田川

| 年次              | t   | 年度     | 便益        |           |               |          | 費用     |        |        |       |        |        | 費用<br>便益比<br>B/C | 純現在<br>価値<br>B-C |
|-----------------|-----|--------|-----------|-----------|---------------|----------|--------|--------|--------|-------|--------|--------|------------------|------------------|
|                 |     |        | 河道        |           | 残存<br>価値<br>② | 計<br>①+② | 建設費③   |        | 維持管理費④ |       | 計③+④   |        |                  |                  |
|                 |     |        | 便益        | 現在価値<br>① |               |          | 費用     | 現在価値   | 費用     | 現在価値  | 費用     | 現在価値   |                  |                  |
| 整備期間（30年）       | -8  | H19    | 0         | 0         |               |          | 2,598  | 3,652  |        |       | 2,598  | 3,652  |                  |                  |
|                 | -7  | H20    | 483       | 636       |               |          | 3,394  | 4,454  | 0      | 0     | 3,394  | 4,454  |                  |                  |
|                 | -6  | H21    | 1,115     | 1,411     |               |          | 4,627  | 6,026  | 1      | 1     | 4,628  | 6,027  |                  |                  |
|                 | -5  | H22    | 1,975     | 2,403     |               |          | 3,781  | 4,730  | 3      | 4     | 3,784  | 4,734  |                  |                  |
|                 | -4  | H23    | 2,678     | 3,133     |               |          | 5,808  | 6,846  | 4      | 5     | 5,812  | 6,851  |                  |                  |
|                 | -3  | H24    | 3,759     | 4,228     |               |          | 10,230 | 11,741 | 6      | 7     | 10,236 | 11,748 |                  |                  |
|                 | -2  | H25    | 5,662     | 6,124     |               |          | 3,559  | 3,849  | 14     | 15    | 3,573  | 3,864  |                  |                  |
|                 | -1  | H26    | 6,324     | 6,577     |               |          | 3,482  | 3,621  | 18     | 19    | 3,500  | 3,640  |                  |                  |
|                 | 0   | H27    | 6,971     | 6,971     |               |          | 2,348  | 2,348  | 19     | 19    | 2,367  | 2,367  |                  |                  |
|                 | 1   | H28    | 7,408     | 7,123     |               |          | 2,851  | 2,741  | 31     | 30    | 2,882  | 2,771  |                  |                  |
|                 | 2   | H29    | 9,419     | 8,708     |               |          | 2,246  | 2,077  | 37     | 34    | 2,283  | 2,111  |                  |                  |
|                 | 3   | H30    | 11,004    | 9,783     |               |          | 2,265  | 2,014  | 42     | 37    | 2,307  | 2,051  |                  |                  |
|                 | 4   | H31    | 12,602    | 10,772    |               |          | 2,332  | 1,993  | 44     | 38    | 2,376  | 2,031  |                  |                  |
|                 | 5   | H32    | 14,247    | 11,710    |               |          | 2,731  | 2,245  | 44     | 36    | 2,775  | 2,281  |                  |                  |
|                 | 6   | H33    | 16,174    | 12,783    |               |          | 2,726  | 2,154  | 45     | 36    | 2,771  | 2,190  |                  |                  |
|                 | 7   | H34    | 17,250    | 13,109    |               |          | 2,717  | 2,065  | 46     | 35    | 2,763  | 2,100  |                  |                  |
|                 | 8   | H35    | 18,323    | 13,388    |               |          | 2,969  | 2,169  | 48     | 35    | 3,017  | 2,204  |                  |                  |
|                 | 9   | H36    | 19,495    | 13,697    |               |          | 2,855  | 2,006  | 48     | 34    | 2,903  | 2,040  |                  |                  |
|                 | 10  | H37    | 20,622    | 13,931    |               |          | 2,851  | 1,926  | 48     | 32    | 2,899  | 1,958  |                  |                  |
|                 | 11  | H38    | 21,747    | 14,126    |               |          | 2,869  | 1,864  | 49     | 32    | 2,918  | 1,896  |                  |                  |
|                 | 12  | H39    | 22,880    | 14,291    |               |          | 2,464  | 1,539  | 50     | 31    | 2,514  | 1,570  |                  |                  |
| 13              | H40 | 23,853 | 14,325    |           |               | 2,518    | 1,512  | 52     | 31     | 2,570 | 1,543  |        |                  |                  |
| 14              | H41 | 24,847 | 14,349    |           |               | 2,511    | 1,450  | 53     | 31     | 2,564 | 1,481  |        |                  |                  |
| 15              | H42 | 25,838 | 14,347    |           |               | 2,537    | 1,409  | 56     | 31     | 2,593 | 1,440  |        |                  |                  |
| 16              | H43 | 26,839 | 14,330    |           |               | 2,717    | 1,451  | 58     | 31     | 2,775 | 1,482  |        |                  |                  |
| 17              | H44 | 27,912 | 14,329    |           |               | 2,773    | 1,424  | 60     | 31     | 2,833 | 1,455  |        |                  |                  |
| 18              | H45 | 29,007 | 14,319    |           |               | 2,512    | 1,240  | 64     | 32     | 2,576 | 1,272  |        |                  |                  |
| 19              | H46 | 29,998 | 14,238    |           |               | 2,365    | 1,123  | 67     | 32     | 2,432 | 1,155  |        |                  |                  |
| 20              | H47 | 30,932 | 14,117    |           |               | 1,926    | 879    | 72     | 33     | 1,998 | 912    |        |                  |                  |
| 21              | H48 | 31,692 | 13,908    |           |               | 1,980    | 869    | 83     | 36     | 2,063 | 905    |        |                  |                  |
| 施設完成後の評価期間（50年） | 22  | H49    | 32,474    | 13,703    |               |          |        |        | 92     | 39    | 92     | 39     |                  |                  |
|                 | 23  | H50    | 32,474    | 13,176    |               |          |        |        | 92     | 37    | 92     | 37     |                  |                  |
|                 | 24  | H51    | 32,474    | 12,669    |               |          |        |        | 92     | 36    | 92     | 36     |                  |                  |
|                 | 25  | H52    | 32,474    | 12,182    |               |          |        |        | 92     | 35    | 92     | 35     |                  |                  |
|                 | 26  | H53    | 32,474    | 11,713    |               |          |        |        | 92     | 33    | 92     | 33     |                  |                  |
|                 | 27  | H54    | 32,474    | 11,263    |               |          |        |        | 92     | 32    | 92     | 32     |                  |                  |
|                 | 28  | H55    | 32,474    | 10,829    |               |          |        |        | 92     | 31    | 92     | 31     |                  |                  |
|                 | 29  | H56    | 32,474    | 10,413    |               |          |        |        | 92     | 29    | 92     | 29     |                  |                  |
|                 | 30  | H57    | 32,474    | 10,012    |               |          |        |        | 92     | 28    | 92     | 28     |                  |                  |
|                 | 31  | H58    | 32,474    | 9,627     |               |          |        |        | 92     | 27    | 92     | 27     |                  |                  |
|                 | 32  | H59    | 32,474    | 9,257     |               |          |        |        | 92     | 26    | 92     | 26     |                  |                  |
|                 | 33  | H60    | 32,474    | 8,901     |               |          |        |        | 92     | 25    | 92     | 25     |                  |                  |
|                 | 34  | H61    | 32,474    | 8,559     |               |          |        |        | 92     | 24    | 92     | 24     |                  |                  |
|                 | 35  | H62    | 32,474    | 8,229     |               |          |        |        | 92     | 23    | 92     | 23     |                  |                  |
|                 | 36  | H63    | 32,474    | 7,913     |               |          |        |        | 92     | 22    | 92     | 22     |                  |                  |
|                 | 37  | H64    | 32,474    | 7,609     |               |          |        |        | 92     | 22    | 92     | 22     |                  |                  |
|                 | 38  | H65    | 32,474    | 7,316     |               |          |        |        | 92     | 21    | 92     | 21     |                  |                  |
|                 | 39  | H66    | 32,474    | 7,035     |               |          |        |        | 92     | 20    | 92     | 20     |                  |                  |
|                 | 40  | H67    | 32,474    | 6,764     |               |          |        |        | 92     | 19    | 92     | 19     |                  |                  |
|                 | 41  | H68    | 32,474    | 6,504     |               |          |        |        | 92     | 18    | 92     | 18     |                  |                  |
|                 | 42  | H69    | 32,474    | 6,254     |               |          |        |        | 92     | 18    | 92     | 18     |                  |                  |
|                 | 43  | H70    | 32,474    | 6,013     |               |          |        |        | 92     | 17    | 92     | 17     |                  |                  |
|                 | 44  | H71    | 32,474    | 5,782     |               |          |        |        | 92     | 16    | 92     | 16     |                  |                  |
|                 | 45  | H72    | 32,474    | 5,559     |               |          |        |        | 92     | 16    | 92     | 16     |                  |                  |
|                 | 46  | H73    | 32,474    | 5,346     |               |          |        |        | 92     | 15    | 92     | 15     |                  |                  |
|                 | 47  | H74    | 32,474    | 5,140     |               |          |        |        | 92     | 15    | 92     | 15     |                  |                  |
|                 | 48  | H75    | 32,474    | 4,942     |               |          |        |        | 92     | 14    | 92     | 14     |                  |                  |
|                 | 49  | H76    | 32,474    | 4,752     |               |          |        |        | 92     | 13    | 92     | 13     |                  |                  |
|                 | 50  | H77    | 32,474    | 4,570     |               |          |        |        | 92     | 13    | 92     | 13     |                  |                  |
|                 | 51  | H78    | 32,474    | 4,394     |               |          |        |        | 92     | 12    | 92     | 12     |                  |                  |
|                 | 52  | H79    | 32,474    | 4,225     |               |          |        |        | 92     | 12    | 92     | 12     |                  |                  |
| 53              | H80 | 32,474 | 4,062     |           |               |          |        | 92     | 12     | 92    | 12     |        |                  |                  |
| 54              | H81 | 32,474 | 3,906     |           |               |          |        | 92     | 11     | 92    | 11     |        |                  |                  |
| 55              | H82 | 32,474 | 3,756     |           |               |          |        | 92     | 11     | 92    | 11     |        |                  |                  |
| 56              | H83 | 32,474 | 3,611     |           |               |          |        | 92     | 10     | 92    | 10     |        |                  |                  |
| 57              | H84 | 32,474 | 3,472     |           |               |          |        | 92     | 10     | 92    | 10     |        |                  |                  |
| 58              | H85 | 32,474 | 3,339     |           |               |          |        | 92     | 9      | 92    | 9      |        |                  |                  |
| 59              | H86 | 32,474 | 3,210     |           |               |          |        | 92     | 9      | 92    | 9      |        |                  |                  |
| 60              | H87 | 32,474 | 3,087     |           |               |          |        | 92     | 9      | 92    | 9      |        |                  |                  |
| 61              | H88 | 32,474 | 2,968     |           |               |          |        | 92     | 8      | 92    | 8      |        |                  |                  |
| 62              | H89 | 32,474 | 2,854     |           |               |          |        | 92     | 8      | 92    | 8      |        |                  |                  |
| 63              | H90 | 32,474 | 2,744     |           |               |          |        | 92     | 8      | 92    | 8      |        |                  |                  |
| 64              | H91 | 32,474 | 2,639     |           |               |          |        | 92     | 7      | 92    | 7      |        |                  |                  |
| 65              | H92 | 32,474 | 2,537     |           |               |          |        | 92     | 7      | 92    | 7      |        |                  |                  |
| 66              | H93 | 32,474 | 2,440     |           |               |          |        | 92     | 7      | 92    | 7      |        |                  |                  |
| 67              | H94 | 32,474 | 2,346     |           |               |          |        | 92     | 7      | 92    | 7      |        |                  |                  |
| 68              | H95 | 32,474 | 2,256     |           |               |          |        | 92     | 6      | 92    | 6      |        |                  |                  |
| 69              | H96 | 32,474 | 2,169     |           |               |          |        | 92     | 6      | 92    | 6      |        |                  |                  |
| 70              | H97 | 32,474 | 2,085     |           |               |          |        | 92     | 6      | 92    | 6      |        |                  |                  |
| 71              | H98 | 32,474 | 2,005     |           |               |          |        | 92     | 6      | 92    | 6      |        |                  |                  |
| 合計              |     |        | 2,094,756 | 609,303   | 2,968         | 612,271  | 93,542 | 83,417 | 5,762  | 1,633 | 99,304 | 85,050 |                  |                  |
| 総便益/総費用         |     |        |           |           |               | 612,271  |        |        |        |       |        | 85,050 | 7.2              | 527,221          |

【感度分析】全体事業（河川改修）

様式-5 費用対効果（残事業費-10%）

水系名：鳴瀬川 河川名：鳴瀬川・吉田川

| 年次              | t   | 年度     | 便益        |           |               |          | 費用     |        |        |       |        |        | 費用<br>便益比<br>B/C | 純現在<br>価値<br>B-C |
|-----------------|-----|--------|-----------|-----------|---------------|----------|--------|--------|--------|-------|--------|--------|------------------|------------------|
|                 |     |        | 河道        |           | 残存<br>価値<br>② | 計<br>①+② | 建設費③   |        | 維持管理費④ |       | 計③+④   |        |                  |                  |
|                 |     |        | 便益        | 現在価値<br>① |               |          | 費用     | 現在価値   | 費用     | 現在価値  | 費用     | 現在価値   |                  |                  |
| 整備期間（30年）       | -8  | H19    | 0         | 0         |               |          | 2,598  | 3,652  |        |       | 2,598  | 3,652  |                  |                  |
|                 | -7  | H20    | 483       | 636       |               |          | 3,394  | 4,454  | 0      | 0     | 3,394  | 4,454  |                  |                  |
|                 | -6  | H21    | 1,115     | 1,411     |               |          | 4,627  | 6,026  | 1      | 1     | 4,628  | 6,027  |                  |                  |
|                 | -5  | H22    | 1,975     | 2,403     |               |          | 3,781  | 4,730  | 3      | 4     | 3,784  | 4,734  |                  |                  |
|                 | -4  | H23    | 2,678     | 3,133     |               |          | 5,808  | 6,846  | 4      | 5     | 5,812  | 6,851  |                  |                  |
|                 | -3  | H24    | 3,759     | 4,228     |               |          | 10,230 | 11,741 | 6      | 7     | 10,236 | 11,748 |                  |                  |
|                 | -2  | H25    | 5,662     | 6,124     |               |          | 3,559  | 3,849  | 14     | 15    | 3,573  | 3,864  |                  |                  |
|                 | -1  | H26    | 6,324     | 6,577     |               |          | 3,482  | 3,621  | 18     | 19    | 3,500  | 3,640  |                  |                  |
|                 | 0   | H27    | 6,971     | 6,971     |               |          | 2,348  | 2,348  | 19     | 19    | 2,367  | 2,367  |                  |                  |
|                 | 1   | H28    | 7,408     | 7,123     |               |          | 2,333  | 2,243  | 31     | 30    | 2,364  | 2,273  |                  |                  |
|                 | 2   | H29    | 9,420     | 8,709     |               |          | 1,838  | 1,699  | 37     | 34    | 1,875  | 1,733  |                  |                  |
|                 | 3   | H30    | 11,004    | 9,783     |               |          | 1,853  | 1,647  | 42     | 37    | 1,895  | 1,684  |                  |                  |
|                 | 4   | H31    | 12,602    | 10,772    |               |          | 1,908  | 1,631  | 44     | 38    | 1,952  | 1,669  |                  |                  |
|                 | 5   | H32    | 14,247    | 11,710    |               |          | 2,255  | 1,837  | 44     | 36    | 2,279  | 1,873  |                  |                  |
|                 | 6   | H33    | 16,174    | 12,783    |               |          | 2,230  | 1,762  | 45     | 36    | 2,275  | 1,798  |                  |                  |
|                 | 7   | H34    | 17,250    | 13,109    |               |          | 2,223  | 1,689  | 46     | 35    | 2,269  | 1,724  |                  |                  |
|                 | 8   | H35    | 18,323    | 13,388    |               |          | 2,429  | 1,775  | 48     | 35    | 2,477  | 1,810  |                  |                  |
|                 | 9   | H36    | 19,495    | 13,697    |               |          | 2,336  | 1,641  | 48     | 34    | 2,384  | 1,675  |                  |                  |
|                 | 10  | H37    | 20,622    | 13,931    |               |          | 2,333  | 1,576  | 48     | 32    | 2,381  | 1,608  |                  |                  |
|                 | 11  | H38    | 21,747    | 14,126    |               |          | 2,347  | 1,525  | 49     | 32    | 2,396  | 1,557  |                  |                  |
|                 | 12  | H39    | 22,880    | 14,291    |               |          | 2,016  | 1,259  | 50     | 31    | 2,066  | 1,290  |                  |                  |
| 13              | H40 | 23,852 | 14,325    |           |               | 2,060    | 1,237  | 52     | 31     | 2,112 | 1,268  |        |                  |                  |
| 14              | H41 | 24,846 | 14,348    |           |               | 2,055    | 1,187  | 53     | 31     | 2,108 | 1,218  |        |                  |                  |
| 15              | H42 | 25,838 | 14,347    |           |               | 2,075    | 1,152  | 56     | 31     | 2,131 | 1,183  |        |                  |                  |
| 16              | H43 | 26,839 | 14,330    |           |               | 2,223    | 1,187  | 58     | 31     | 2,281 | 1,218  |        |                  |                  |
| 17              | H44 | 27,912 | 14,329    |           |               | 2,269    | 1,165  | 60     | 31     | 2,329 | 1,196  |        |                  |                  |
| 18              | H45 | 29,006 | 14,318    |           |               | 2,056    | 1,015  | 64     | 32     | 2,120 | 1,047  |        |                  |                  |
| 19              | H46 | 29,998 | 14,238    |           |               | 1,935    | 918    | 67     | 32     | 2,002 | 950    |        |                  |                  |
| 20              | H47 | 30,932 | 14,117    |           |               | 1,576    | 719    | 72     | 33     | 1,648 | 752    |        |                  |                  |
| 21              | H48 | 31,692 | 13,908    |           |               | 1,620    | 711    | 83     | 36     | 1,703 | 747    |        |                  |                  |
| 施設完成後の評価期間（50年） | 22  | H49    | 32,474    | 13,703    |               |          |        |        | 92     | 39    | 92     | 39     |                  |                  |
|                 | 23  | H50    | 32,474    | 13,176    |               |          |        |        | 92     | 37    | 92     | 37     |                  |                  |
|                 | 24  | H51    | 32,474    | 12,669    |               |          |        |        | 92     | 36    | 92     | 36     |                  |                  |
|                 | 25  | H52    | 32,474    | 12,182    |               |          |        |        | 92     | 35    | 92     | 35     |                  |                  |
|                 | 26  | H53    | 32,474    | 11,713    |               |          |        |        | 92     | 33    | 92     | 33     |                  |                  |
|                 | 27  | H54    | 32,474    | 11,263    |               |          |        |        | 92     | 32    | 92     | 32     |                  |                  |
|                 | 28  | H55    | 32,474    | 10,829    |               |          |        |        | 92     | 31    | 92     | 31     |                  |                  |
|                 | 29  | H56    | 32,474    | 10,413    |               |          |        |        | 92     | 29    | 92     | 29     |                  |                  |
|                 | 30  | H57    | 32,474    | 10,012    |               |          |        |        | 92     | 28    | 92     | 28     |                  |                  |
|                 | 31  | H58    | 32,474    | 9,627     |               |          |        |        | 92     | 27    | 92     | 27     |                  |                  |
|                 | 32  | H59    | 32,474    | 9,257     |               |          |        |        | 92     | 26    | 92     | 26     |                  |                  |
|                 | 33  | H60    | 32,474    | 8,901     |               |          |        |        | 92     | 25    | 92     | 25     |                  |                  |
|                 | 34  | H61    | 32,474    | 8,559     |               |          |        |        | 92     | 24    | 92     | 24     |                  |                  |
|                 | 35  | H62    | 32,474    | 8,229     |               |          |        |        | 92     | 23    | 92     | 23     |                  |                  |
|                 | 36  | H63    | 32,474    | 7,913     |               |          |        |        | 92     | 22    | 92     | 22     |                  |                  |
|                 | 37  | H64    | 32,474    | 7,609     |               |          |        |        | 92     | 22    | 92     | 22     |                  |                  |
|                 | 38  | H65    | 32,474    | 7,316     |               |          |        |        | 92     | 21    | 92     | 21     |                  |                  |
|                 | 39  | H66    | 32,474    | 7,035     |               |          |        |        | 92     | 20    | 92     | 20     |                  |                  |
|                 | 40  | H67    | 32,474    | 6,764     |               |          |        |        | 92     | 19    | 92     | 19     |                  |                  |
|                 | 41  | H68    | 32,474    | 6,504     |               |          |        |        | 92     | 18    | 92     | 18     |                  |                  |
|                 | 42  | H69    | 32,474    | 6,254     |               |          |        |        | 92     | 18    | 92     | 18     |                  |                  |
|                 | 43  | H70    | 32,474    | 6,013     |               |          |        |        | 92     | 17    | 92     | 17     |                  |                  |
|                 | 44  | H71    | 32,474    | 5,782     |               |          |        |        | 92     | 16    | 92     | 16     |                  |                  |
|                 | 45  | H72    | 32,474    | 5,559     |               |          |        |        | 92     | 16    | 92     | 16     |                  |                  |
|                 | 46  | H73    | 32,474    | 5,346     |               |          |        |        | 92     | 15    | 92     | 15     |                  |                  |
|                 | 47  | H74    | 32,474    | 5,140     |               |          |        |        | 92     | 15    | 92     | 15     |                  |                  |
|                 | 48  | H75    | 32,474    | 4,942     |               |          |        |        | 92     | 14    | 92     | 14     |                  |                  |
|                 | 49  | H76    | 32,474    | 4,752     |               |          |        |        | 92     | 13    | 92     | 13     |                  |                  |
|                 | 50  | H77    | 32,474    | 4,570     |               |          |        |        | 92     | 13    | 92     | 13     |                  |                  |
|                 | 51  | H78    | 32,474    | 4,394     |               |          |        |        | 92     | 12    | 92     | 12     |                  |                  |
|                 | 52  | H79    | 32,474    | 4,225     |               |          |        |        | 92     | 12    | 92     | 12     |                  |                  |
| 53              | H80 | 32,474 | 4,062     |           |               |          |        | 92     | 12     | 92    | 12     |        |                  |                  |
| 54              | H81 | 32,474 | 3,906     |           |               |          |        | 92     | 11     | 92    | 11     |        |                  |                  |
| 55              | H82 | 32,474 | 3,756     |           |               |          |        | 92     | 11     | 92    | 11     |        |                  |                  |
| 56              | H83 | 32,474 | 3,611     |           |               |          |        | 92     | 10     | 92    | 10     |        |                  |                  |
| 57              | H84 | 32,474 | 3,472     |           |               |          |        | 92     | 10     | 92    | 10     |        |                  |                  |
| 58              | H85 | 32,474 | 3,339     |           |               |          |        | 92     | 9      | 92    | 9      |        |                  |                  |
| 59              | H86 | 32,474 | 3,210     |           |               |          |        | 92     | 9      | 92    | 9      |        |                  |                  |
| 60              | H87 | 32,474 | 3,087     |           |               |          |        | 92     | 9      | 92    | 9      |        |                  |                  |
| 61              | H88 | 32,474 | 2,968     |           |               |          |        | 92     | 8      | 92    | 8      |        |                  |                  |
| 62              | H89 | 32,474 | 2,854     |           |               |          |        | 92     | 8      | 92    | 8      |        |                  |                  |
| 63              | H90 | 32,474 | 2,744     |           |               |          |        | 92     | 8      | 92    | 8      |        |                  |                  |
| 64              | H91 | 32,474 | 2,639     |           |               |          |        | 92     | 7      | 92    | 7      |        |                  |                  |
| 65              | H92 | 32,474 | 2,537     |           |               |          |        | 92     | 7      | 92    | 7      |        |                  |                  |
| 66              | H93 | 32,474 | 2,440     |           |               |          |        | 92     | 7      | 92    | 7      |        |                  |                  |
| 67              | H94 | 32,474 | 2,346     |           |               |          |        | 92     | 7      | 92    | 7      |        |                  |                  |
| 68              | H95 | 32,474 | 2,256     |           |               |          |        | 92     | 6      | 92    | 6      |        |                  |                  |
| 69              | H96 | 32,474 | 2,169     |           |               |          |        | 92     | 6      | 92    | 6      |        |                  |                  |
| 70              | H97 | 32,474 | 2,085     |           |               |          |        | 92     | 6      | 92    | 6      |        |                  |                  |
| 71              | H98 | 32,474 | 2,005     |           |               |          |        | 92     | 6      | 92    | 6      |        |                  |                  |
| 合計              |     |        | 2,094,754 | 609,302   | 2,428         | 611,730  | 83,777 | 76,842 | 5,762  | 1,633 | 89,539 | 78,475 |                  |                  |
| 総便益/総費用         |     |        |           |           |               | 611,730  |        |        |        |       |        | 78,475 | 7.8              | 533,255          |

【感度分析】全体事業（河川改修）

様式-5 費用対効果（残工期+10%）

水系名：鳴瀬川 河川名：鳴瀬川・吉田川

単位：百万円

| 年次      | t    | 年度     | 便益        |           |               |          | 費用     |        |        |        |        |        | 費用<br>便益比<br>B/C | 純現在<br>価値<br>B-C |
|---------|------|--------|-----------|-----------|---------------|----------|--------|--------|--------|--------|--------|--------|------------------|------------------|
|         |      |        | 河道        |           | 残存<br>価値<br>② | 計<br>①+② | 建設費③   |        | 維持管理費④ |        | 計③+④   |        |                  |                  |
|         |      |        | 便益        | 現在価値<br>① |               |          | 費用     | 現在価値   | 費用     | 現在価値   | 費用     | 現在価値   |                  |                  |
| -8      | H19  | 0      | 0         |           |               | 2,598    | 3,652  |        |        | 2,598  | 3,652  |        |                  |                  |
| -7      | H20  | 483    | 636       |           |               | 3,394    | 4,454  | 0      | 0      | 3,394  | 4,454  |        |                  |                  |
| -6      | H21  | 1,115  | 1,411     |           |               | 4,627    | 6,026  | 1      | 1      | 4,628  | 6,027  |        |                  |                  |
| -5      | H22  | 1,975  | 2,403     |           |               | 3,781    | 4,730  | 3      | 4      | 3,784  | 4,734  |        |                  |                  |
| -4      | H23  | 2,678  | 3,133     |           |               | 5,808    | 6,846  | 4      | 5      | 5,812  | 6,851  |        |                  |                  |
| -3      | H24  | 3,759  | 4,228     |           |               | 10,230   | 11,741 | 6      | 7      | 10,236 | 11,748 |        |                  |                  |
| -2      | H25  | 5,662  | 6,124     |           |               | 3,559    | 3,849  | 14     | 15     | 3,573  | 3,864  |        |                  |                  |
| -1      | H26  | 6,324  | 6,577     |           |               | 3,482    | 3,621  | 18     | 19     | 3,500  | 3,640  |        |                  |                  |
| 0       | H27  | 6,971  | 6,971     |           |               | 2,348    | 2,348  | 19     | 19     | 2,367  | 2,367  |        |                  |                  |
| 1       | H28  | 7,408  | 7,123     |           |               | 2,367    | 2,276  | 28     | 27     | 2,395  | 2,303  |        |                  |                  |
| 2       | H29  | 9,439  | 8,727     |           |               | 1,912    | 1,768  | 33     | 31     | 1,945  | 1,799  |        |                  |                  |
| 3       | H30  | 11,079 | 9,849     |           |               | 1,877    | 1,669  | 37     | 33     | 1,914  | 1,702  |        |                  |                  |
| 4       | H31  | 12,690 | 10,847    |           |               | 1,920    | 1,641  | 40     | 34     | 1,960  | 1,675  |        |                  |                  |
| 5       | H32  | 14,337 | 11,784    |           |               | 2,141    | 1,760  | 40     | 33     | 2,181  | 1,793  |        |                  |                  |
| 6       | H33  | 16,174 | 12,783    |           |               | 2,265    | 1,790  | 41     | 32     | 2,306  | 1,822  |        |                  |                  |
| 7       | H34  | 17,130 | 13,017    |           |               | 2,259    | 1,717  | 41     | 31     | 2,300  | 1,748  |        |                  |                  |
| 8       | H35  | 18,084 | 13,214    |           |               | 2,325    | 1,699  | 43     | 31     | 2,368  | 1,730  |        |                  |                  |
| 9       | H36  | 19,065 | 13,395    |           |               | 2,442    | 1,716  | 44     | 31     | 2,486  | 1,747  |        |                  |                  |
| 10      | H37  | 20,096 | 13,576    |           |               | 2,369    | 1,600  | 44     | 30     | 2,413  | 1,630  |        |                  |                  |
| 11      | H38  | 21,096 | 13,704    |           |               | 2,367    | 1,538  | 44     | 29     | 2,411  | 1,567  |        |                  |                  |
| 12      | H39  | 22,095 | 13,800    |           |               | 2,381    | 1,487  | 45     | 28     | 2,426  | 1,515  |        |                  |                  |
| 13      | H40  | 23,100 | 13,873    |           |               | 2,061    | 1,238  | 46     | 28     | 2,107  | 1,266  |        |                  |                  |
| 14      | H41  | 23,970 | 13,842    |           |               | 2,084    | 1,203  | 47     | 27     | 2,131  | 1,230  |        |                  |                  |
| 15      | H42  | 24,850 | 13,798    |           |               | 2,086    | 1,158  | 48     | 27     | 2,134  | 1,185  |        |                  |                  |
| 16      | H43  | 25,730 | 13,737    |           |               | 2,099    | 1,121  | 50     | 27     | 2,149  | 1,148  |        |                  |                  |
| 17      | H44  | 26,616 | 13,664    |           |               | 2,191    | 1,125  | 52     | 27     | 2,243  | 1,152  |        |                  |                  |
| 18      | H45  | 27,541 | 13,595    |           |               | 2,277    | 1,124  | 54     | 27     | 2,331  | 1,151  |        |                  |                  |
| 19      | H46  | 28,502 | 13,528    |           |               | 2,219    | 1,053  | 56     | 27     | 2,275  | 1,080  |        |                  |                  |
| 20      | H47  | 29,439 | 13,436    |           |               | 2,050    | 936    | 59     | 27     | 2,109  | 963    |        |                  |                  |
| 21      | H48  | 30,304 | 13,298    |           |               | 1,894    | 831    | 62     | 27     | 1,956  | 858    |        |                  |                  |
| 22      | H49  | 31,104 | 13,125    |           |               | 1,603    | 676    | 67     | 28     | 1,670  | 704    |        |                  |                  |
| 23      | H50  | 31,780 | 12,894    |           |               | 1,643    | 667    | 76     | 31     | 1,719  | 698    |        |                  |                  |
| 24      | H51  | 32,474 | 12,669    |           |               |          |        | 92     | 36     | 92     | 36     |        |                  |                  |
| 25      | H52  | 32,474 | 12,182    |           |               |          |        | 92     | 35     | 92     | 35     |        |                  |                  |
| 26      | H53  | 32,474 | 11,713    |           |               |          |        | 92     | 33     | 92     | 33     |        |                  |                  |
| 27      | H54  | 32,474 | 11,263    |           |               |          |        | 92     | 32     | 92     | 32     |        |                  |                  |
| 28      | H55  | 32,474 | 10,829    |           |               |          |        | 92     | 31     | 92     | 31     |        |                  |                  |
| 29      | H56  | 32,474 | 10,413    |           |               |          |        | 92     | 29     | 92     | 29     |        |                  |                  |
| 30      | H57  | 32,474 | 10,012    |           |               |          |        | 92     | 28     | 92     | 28     |        |                  |                  |
| 31      | H58  | 32,474 | 9,627     |           |               |          |        | 92     | 27     | 92     | 27     |        |                  |                  |
| 32      | H59  | 32,474 | 9,257     |           |               |          |        | 92     | 26     | 92     | 26     |        |                  |                  |
| 33      | H60  | 32,474 | 8,901     |           |               |          |        | 92     | 25     | 92     | 25     |        |                  |                  |
| 34      | H61  | 32,474 | 8,559     |           |               |          |        | 92     | 24     | 92     | 24     |        |                  |                  |
| 35      | H62  | 32,474 | 8,229     |           |               |          |        | 92     | 23     | 92     | 23     |        |                  |                  |
| 36      | H63  | 32,474 | 7,913     |           |               |          |        | 92     | 22     | 92     | 22     |        |                  |                  |
| 37      | H64  | 32,474 | 7,609     |           |               |          |        | 92     | 22     | 92     | 22     |        |                  |                  |
| 38      | H65  | 32,474 | 7,316     |           |               |          |        | 92     | 21     | 92     | 21     |        |                  |                  |
| 39      | H66  | 32,474 | 7,035     |           |               |          |        | 92     | 20     | 92     | 20     |        |                  |                  |
| 40      | H67  | 32,474 | 6,764     |           |               |          |        | 92     | 19     | 92     | 19     |        |                  |                  |
| 41      | H68  | 32,474 | 6,504     |           |               |          |        | 92     | 18     | 92     | 18     |        |                  |                  |
| 42      | H69  | 32,474 | 6,254     |           |               |          |        | 92     | 18     | 92     | 18     |        |                  |                  |
| 43      | H70  | 32,474 | 6,013     |           |               |          |        | 92     | 17     | 92     | 17     |        |                  |                  |
| 44      | H71  | 32,474 | 5,782     |           |               |          |        | 92     | 16     | 92     | 16     |        |                  |                  |
| 45      | H72  | 32,474 | 5,559     |           |               |          |        | 92     | 16     | 92     | 16     |        |                  |                  |
| 46      | H73  | 32,474 | 5,346     |           |               |          |        | 92     | 15     | 92     | 15     |        |                  |                  |
| 47      | H74  | 32,474 | 5,140     |           |               |          |        | 92     | 15     | 92     | 15     |        |                  |                  |
| 48      | H75  | 32,474 | 4,942     |           |               |          |        | 92     | 14     | 92     | 14     |        |                  |                  |
| 49      | H76  | 32,474 | 4,752     |           |               |          |        | 92     | 13     | 92     | 13     |        |                  |                  |
| 50      | H77  | 32,474 | 4,570     |           |               |          |        | 92     | 13     | 92     | 13     |        |                  |                  |
| 51      | H78  | 32,474 | 4,394     |           |               |          |        | 92     | 12     | 92     | 12     |        |                  |                  |
| 52      | H79  | 32,474 | 4,225     |           |               |          |        | 92     | 12     | 92     | 12     |        |                  |                  |
| 53      | H80  | 32,474 | 4,062     |           |               |          |        | 92     | 12     | 92     | 12     |        |                  |                  |
| 54      | H81  | 32,474 | 3,906     |           |               |          |        | 92     | 11     | 92     | 11     |        |                  |                  |
| 55      | H82  | 32,474 | 3,756     |           |               |          |        | 92     | 11     | 92     | 11     |        |                  |                  |
| 56      | H83  | 32,474 | 3,611     |           |               |          |        | 92     | 10     | 92     | 10     |        |                  |                  |
| 57      | H84  | 32,474 | 3,472     |           |               |          |        | 92     | 10     | 92     | 10     |        |                  |                  |
| 58      | H85  | 32,474 | 3,339     |           |               |          |        | 92     | 9      | 92     | 9      |        |                  |                  |
| 59      | H86  | 32,474 | 3,210     |           |               |          |        | 92     | 9      | 92     | 9      |        |                  |                  |
| 60      | H87  | 32,474 | 3,087     |           |               |          |        | 92     | 9      | 92     | 9      |        |                  |                  |
| 61      | H88  | 32,474 | 2,968     |           |               |          |        | 92     | 8      | 92     | 8      |        |                  |                  |
| 62      | H89  | 32,474 | 2,854     |           |               |          |        | 92     | 8      | 92     | 8      |        |                  |                  |
| 63      | H90  | 32,474 | 2,744     |           |               |          |        | 92     | 8      | 92     | 8      |        |                  |                  |
| 64      | H91  | 32,474 | 2,639     |           |               |          |        | 92     | 7      | 92     | 7      |        |                  |                  |
| 65      | H92  | 32,474 | 2,537     |           |               |          |        | 92     | 7      | 92     | 7      |        |                  |                  |
| 66      | H93  | 32,474 | 2,440     |           |               |          |        | 92     | 7      | 92     | 7      |        |                  |                  |
| 67      | H94  | 32,474 | 2,346     |           |               |          |        | 92     | 7      | 92     | 7      |        |                  |                  |
| 68      | H95  | 32,474 | 2,256     |           |               |          |        | 92     | 6      | 92     | 6      |        |                  |                  |
| 69      | H96  | 32,474 | 2,169     |           |               |          |        | 92     | 6      | 92     | 6      |        |                  |                  |
| 70      | H97  | 32,474 | 2,085     |           |               |          |        | 92     | 6      | 92     | 6      |        |                  |                  |
| 71      | H98  | 32,474 | 2,005     |           |               |          |        | 92     | 6      | 92     | 6      |        |                  |                  |
| 72      | H99  | 32,474 | 1,928     |           |               |          |        | 92     | 5      | 92     | 5      |        |                  |                  |
| 73      | H100 | 32,474 | 1,854     |           |               |          |        | 92     | 5      | 92     | 5      |        |                  |                  |
| 合計      |      |        | 2,144,296 | 605,132   | 2,495         | 607,627  | 88,659 | 79,060 | 5,762  | 1,542  | 94,421 | 80,602 |                  |                  |
| 総便益／総費用 |      |        |           |           |               | 607,627  |        |        |        |        |        | 80,602 | 7.5              | 527,025          |

【感度分析】全体事業（河川改修）

様式-5 費用対効果（残工期-10%）

水系名：鳴瀬川 河川名：鳴瀬川・吉田川

単位：百万円

| 年次      | t   | 年度     | 便益        |           |               |          | 費用     |        |        |        |        |        | 費用<br>便益比<br>B/C | 純現在<br>価値<br>B-C |
|---------|-----|--------|-----------|-----------|---------------|----------|--------|--------|--------|--------|--------|--------|------------------|------------------|
|         |     |        | 河道        |           | 残存<br>価値<br>② | 計<br>①+② | 建設費③   |        | 維持管理費④ |        | 計③+④   |        |                  |                  |
|         |     |        | 便益        | 現在価値<br>① |               |          | 費用     | 現在価値   | 費用     | 現在価値   | 費用     | 現在価値   |                  |                  |
| -8      | H19 | 0      | 0         |           |               | 2,598    | 3,652  |        |        | 2,598  | 3,652  |        |                  |                  |
| -7      | H20 | 483    | 636       |           |               | 3,394    | 4,454  | 0      | 0      | 3,394  | 4,454  |        |                  |                  |
| -6      | H21 | 1,115  | 1,411     |           |               | 4,627    | 6,026  | 1      | 1      | 4,628  | 6,027  |        |                  |                  |
| -5      | H22 | 1,975  | 2,403     |           |               | 3,781    | 4,730  | 3      | 4      | 3,784  | 4,734  |        |                  |                  |
| -4      | H23 | 2,678  | 3,133     |           |               | 5,808    | 6,846  | 4      | 5      | 5,812  | 6,851  |        |                  |                  |
| -3      | H24 | 3,759  | 4,228     |           |               | 10,230   | 11,741 | 6      | 7      | 10,236 | 11,748 |        |                  |                  |
| -2      | H25 | 5,662  | 6,124     |           |               | 3,559    | 3,849  | 14     | 15     | 3,573  | 3,864  |        |                  |                  |
| -1      | H26 | 6,324  | 6,577     |           |               | 3,482    | 3,621  | 18     | 19     | 3,500  | 3,640  |        |                  |                  |
| 0       | H27 | 6,971  | 6,971     |           |               | 2,348    | 2,348  | 19     | 19     | 2,367  | 2,367  |        |                  |                  |
| 1       | H28 | 7,408  | 7,123     |           |               | 2,807    | 2,699  | 35     | 34     | 2,842  | 2,733  |        |                  |                  |
| 2       | H29 | 9,361  | 8,655     |           |               | 2,260    | 2,089  | 42     | 39     | 2,302  | 2,128  |        |                  |                  |
| 3       | H30 | 10,933 | 9,719     |           |               | 2,295    | 2,040  | 47     | 42     | 2,342  | 2,082  |        |                  |                  |
| 4       | H31 | 12,530 | 10,711    |           |               | 2,496    | 2,134  | 49     | 42     | 2,545  | 2,176  |        |                  |                  |
| 5       | H32 | 14,266 | 11,726    |           |               | 2,742    | 2,254  | 49     | 40     | 2,791  | 2,294  |        |                  |                  |
| 6       | H33 | 16,174 | 12,783    |           |               | 2,734    | 2,161  | 50     | 40     | 2,784  | 2,201  |        |                  |                  |
| 7       | H34 | 17,404 | 13,226    |           |               | 2,899    | 2,203  | 52     | 40     | 2,951  | 2,243  |        |                  |                  |
| 8       | H35 | 18,708 | 13,670    |           |               | 2,896    | 2,116  | 53     | 39     | 2,949  | 2,155  |        |                  |                  |
| 9       | H36 | 20,011 | 14,059    |           |               | 2,865    | 2,013  | 53     | 37     | 2,918  | 2,050  |        |                  |                  |
| 10      | H37 | 21,300 | 14,390    |           |               | 2,862    | 1,933  | 54     | 36     | 2,916  | 1,969  |        |                  |                  |
| 11      | H38 | 22,587 | 14,672    |           |               | 2,484    | 1,614  | 56     | 36     | 2,540  | 1,650  |        |                  |                  |
| 12      | H39 | 23,705 | 14,806    |           |               | 2,528    | 1,579  | 58     | 36     | 2,586  | 1,615  |        |                  |                  |
| 13      | H40 | 24,842 | 14,919    |           |               | 2,532    | 1,521  | 60     | 36     | 2,592  | 1,557  |        |                  |                  |
| 14      | H41 | 25,981 | 15,003    |           |               | 2,626    | 1,516  | 63     | 36     | 2,689  | 1,552  |        |                  |                  |
| 15      | H42 | 27,163 | 15,083    |           |               | 2,760    | 1,533  | 65     | 36     | 2,825  | 1,569  |        |                  |                  |
| 16      | H43 | 28,404 | 15,165    |           |               | 2,624    | 1,401  | 69     | 37     | 2,693  | 1,438  |        |                  |                  |
| 17      | H44 | 29,585 | 15,188    |           |               | 2,419    | 1,242  | 73     | 37     | 2,492  | 1,279  |        |                  |                  |
| 18      | H45 | 30,673 | 15,141    |           |               | 2,019    | 997    | 78     | 39     | 2,097  | 1,036  |        |                  |                  |
| 19      | H46 | 31,581 | 14,990    |           |               | 1,984    | 942    | 91     | 43     | 2,075  | 985    |        |                  |                  |
| 20      | H47 | 32,474 | 14,821    |           |               |          |        | 92     | 42     | 92     | 42     |        |                  |                  |
| 21      | H48 | 32,474 | 14,251    |           |               |          |        | 92     | 40     | 92     | 40     |        |                  |                  |
| 22      | H49 | 32,474 | 13,703    |           |               |          |        | 92     | 39     | 92     | 39     |        |                  |                  |
| 23      | H50 | 32,474 | 13,176    |           |               |          |        | 92     | 37     | 92     | 37     |        |                  |                  |
| 24      | H51 | 32,474 | 12,669    |           |               |          |        | 92     | 36     | 92     | 36     |        |                  |                  |
| 25      | H52 | 32,474 | 12,182    |           |               |          |        | 92     | 35     | 92     | 35     |        |                  |                  |
| 26      | H53 | 32,474 | 11,713    |           |               |          |        | 92     | 33     | 92     | 33     |        |                  |                  |
| 27      | H54 | 32,474 | 11,263    |           |               |          |        | 92     | 32     | 92     | 32     |        |                  |                  |
| 28      | H55 | 32,474 | 10,829    |           |               |          |        | 92     | 31     | 92     | 31     |        |                  |                  |
| 29      | H56 | 32,474 | 10,413    |           |               |          |        | 92     | 29     | 92     | 29     |        |                  |                  |
| 30      | H57 | 32,474 | 10,012    |           |               |          |        | 92     | 28     | 92     | 28     |        |                  |                  |
| 31      | H58 | 32,474 | 9,627     |           |               |          |        | 92     | 27     | 92     | 27     |        |                  |                  |
| 32      | H59 | 32,474 | 9,257     |           |               |          |        | 92     | 26     | 92     | 26     |        |                  |                  |
| 33      | H60 | 32,474 | 8,901     |           |               |          |        | 92     | 25     | 92     | 25     |        |                  |                  |
| 34      | H61 | 32,474 | 8,559     |           |               |          |        | 92     | 24     | 92     | 24     |        |                  |                  |
| 35      | H62 | 32,474 | 8,229     |           |               |          |        | 92     | 23     | 92     | 23     |        |                  |                  |
| 36      | H63 | 32,474 | 7,913     |           |               |          |        | 92     | 22     | 92     | 22     |        |                  |                  |
| 37      | H64 | 32,474 | 7,609     |           |               |          |        | 92     | 22     | 92     | 22     |        |                  |                  |
| 38      | H65 | 32,474 | 7,316     |           |               |          |        | 92     | 21     | 92     | 21     |        |                  |                  |
| 39      | H66 | 32,474 | 7,035     |           |               |          |        | 92     | 20     | 92     | 20     |        |                  |                  |
| 40      | H67 | 32,474 | 6,764     |           |               |          |        | 92     | 19     | 92     | 19     |        |                  |                  |
| 41      | H68 | 32,474 | 6,504     |           |               |          |        | 92     | 18     | 92     | 18     |        |                  |                  |
| 42      | H69 | 32,474 | 6,254     |           |               |          |        | 92     | 18     | 92     | 18     |        |                  |                  |
| 43      | H70 | 32,474 | 6,013     |           |               |          |        | 92     | 17     | 92     | 17     |        |                  |                  |
| 44      | H71 | 32,474 | 5,782     |           |               |          |        | 92     | 16     | 92     | 16     |        |                  |                  |
| 45      | H72 | 32,474 | 5,559     |           |               |          |        | 92     | 16     | 92     | 16     |        |                  |                  |
| 46      | H73 | 32,474 | 5,346     |           |               |          |        | 92     | 15     | 92     | 15     |        |                  |                  |
| 47      | H74 | 32,474 | 5,140     |           |               |          |        | 92     | 15     | 92     | 15     |        |                  |                  |
| 48      | H75 | 32,474 | 4,942     |           |               |          |        | 92     | 14     | 92     | 14     |        |                  |                  |
| 49      | H76 | 32,474 | 4,752     |           |               |          |        | 92     | 13     | 92     | 13     |        |                  |                  |
| 50      | H77 | 32,474 | 4,570     |           |               |          |        | 92     | 13     | 92     | 13     |        |                  |                  |
| 51      | H78 | 32,474 | 4,394     |           |               |          |        | 92     | 12     | 92     | 12     |        |                  |                  |
| 52      | H79 | 32,474 | 4,225     |           |               |          |        | 92     | 12     | 92     | 12     |        |                  |                  |
| 53      | H80 | 32,474 | 4,062     |           |               |          |        | 92     | 12     | 92     | 12     |        |                  |                  |
| 54      | H81 | 32,474 | 3,906     |           |               |          |        | 92     | 11     | 92     | 11     |        |                  |                  |
| 55      | H82 | 32,474 | 3,756     |           |               |          |        | 92     | 11     | 92     | 11     |        |                  |                  |
| 56      | H83 | 32,474 | 3,611     |           |               |          |        | 92     | 10     | 92     | 10     |        |                  |                  |
| 57      | H84 | 32,474 | 3,472     |           |               |          |        | 92     | 10     | 92     | 10     |        |                  |                  |
| 58      | H85 | 32,474 | 3,339     |           |               |          |        | 92     | 9      | 92     | 9      |        |                  |                  |
| 59      | H86 | 32,474 | 3,210     |           |               |          |        | 92     | 9      | 92     | 9      |        |                  |                  |
| 60      | H87 | 32,474 | 3,087     |           |               |          |        | 92     | 9      | 92     | 9      |        |                  |                  |
| 61      | H88 | 32,474 | 2,968     |           |               |          |        | 92     | 8      | 92     | 8      |        |                  |                  |
| 62      | H89 | 32,474 | 2,854     |           |               |          |        | 92     | 8      | 92     | 8      |        |                  |                  |
| 63      | H90 | 32,474 | 2,744     |           |               |          |        | 92     | 8      | 92     | 8      |        |                  |                  |
| 64      | H91 | 32,474 | 2,639     |           |               |          |        | 92     | 7      | 92     | 7      |        |                  |                  |
| 65      | H92 | 32,474 | 2,537     |           |               |          |        | 92     | 7      | 92     | 7      |        |                  |                  |
| 66      | H93 | 32,474 | 2,440     |           |               |          |        | 92     | 7      | 92     | 7      |        |                  |                  |
| 67      | H94 | 32,474 | 2,346     |           |               |          |        | 92     | 7      | 92     | 7      |        |                  |                  |
| 68      | H95 | 32,474 | 2,256     |           |               |          |        | 92     | 6      | 92     | 6      |        |                  |                  |
| 69      | H96 | 32,474 | 2,169     |           |               |          |        | 92     | 6      | 92     | 6      |        |                  |                  |
| 合計      |     |        | 2,045,283 | 613,631   | 2,918         | 616,549  | 88,659 | 81,254 | 5,762  | 1,730  | 94,421 | 82,984 |                  |                  |
| 総便益/総費用 |     |        |           |           |               | 616,549  |        |        |        |        |        | 82,984 | 7.4              | 533,565          |

【感度分析】全体事業（河川改修）

様式-5 費用対効果（資産+10%）

水系名：鳴瀬川 河川名：鳴瀬川・吉田川

| 年次              | t   | 年度     | 便益        |           |               |          | 費用     |        |        |       |        |        | 費用<br>便益比<br>B/C | 純現在<br>価値<br>B-C |
|-----------------|-----|--------|-----------|-----------|---------------|----------|--------|--------|--------|-------|--------|--------|------------------|------------------|
|                 |     |        | 河道        |           | 残存<br>価値<br>② | 計<br>①+② | 建設費③   |        | 維持管理費④ |       | 計③+④   |        |                  |                  |
|                 |     |        | 便益        | 現在価値<br>① |               |          | 費用     | 現在価値   | 費用     | 現在価値  | 費用     | 現在価値   |                  |                  |
| 整備期間（30年）       | -8  | H19    | 0         | 0         |               |          | 2,598  | 3,652  |        |       | 2,598  | 3,652  |                  |                  |
|                 | -7  | H20    | 530       | 697       |               |          | 3,394  | 4,454  | 0      | 0     | 3,394  | 4,454  |                  |                  |
|                 | -6  | H21    | 1,223     | 1,547     |               |          | 4,627  | 6,026  | 1      | 1     | 4,628  | 6,027  |                  |                  |
|                 | -5  | H22    | 2,167     | 2,636     |               |          | 3,781  | 4,730  | 3      | 4     | 3,784  | 4,734  |                  |                  |
|                 | -4  | H23    | 2,938     | 3,437     |               |          | 5,808  | 6,846  | 4      | 5     | 5,812  | 6,851  |                  |                  |
|                 | -3  | H24    | 4,123     | 4,638     |               |          | 10,230 | 11,741 | 6      | 7     | 10,236 | 11,748 |                  |                  |
|                 | -2  | H25    | 6,210     | 6,717     |               |          | 3,559  | 3,849  | 14     | 15    | 3,573  | 3,864  |                  |                  |
|                 | -1  | H26    | 6,936     | 7,213     |               |          | 3,482  | 3,621  | 18     | 19    | 3,500  | 3,640  |                  |                  |
|                 | 0   | H27    | 7,647     | 7,647     |               |          | 2,348  | 2,348  | 19     | 19    | 2,367  | 2,367  |                  |                  |
|                 | 1   | H28    | 8,126     | 7,813     |               |          | 2,592  | 2,492  | 31     | 30    | 2,623  | 2,522  |                  |                  |
|                 | 2   | H29    | 10,333    | 9,553     |               |          | 2,042  | 1,888  | 37     | 34    | 2,079  | 1,922  |                  |                  |
|                 | 3   | H30    | 12,071    | 10,731    |               |          | 2,059  | 1,830  | 42     | 37    | 2,101  | 1,867  |                  |                  |
|                 | 4   | H31    | 13,824    | 11,817    |               |          | 2,120  | 1,812  | 44     | 38    | 2,164  | 1,850  |                  |                  |
|                 | 5   | H32    | 15,629    | 12,846    |               |          | 2,483  | 2,041  | 44     | 36    | 2,527  | 2,077  |                  |                  |
|                 | 6   | H33    | 17,743    | 14,023    |               |          | 2,478  | 1,958  | 45     | 36    | 2,523  | 1,994  |                  |                  |
|                 | 7   | H34    | 18,923    | 14,380    |               |          | 2,470  | 1,877  | 46     | 35    | 2,516  | 1,912  |                  |                  |
|                 | 8   | H35    | 20,100    | 14,687    |               |          | 2,699  | 1,972  | 48     | 35    | 2,747  | 2,007  |                  |                  |
|                 | 9   | H36    | 21,386    | 15,026    |               |          | 2,595  | 1,823  | 48     | 34    | 2,643  | 1,857  |                  |                  |
|                 | 10  | H37    | 22,622    | 15,283    |               |          | 2,592  | 1,751  | 48     | 32    | 2,640  | 1,783  |                  |                  |
|                 | 11  | H38    | 23,857    | 15,497    |               |          | 2,608  | 1,694  | 49     | 32    | 2,657  | 1,726  |                  |                  |
|                 | 12  | H39    | 25,099    | 15,677    |               |          | 2,240  | 1,399  | 50     | 31    | 2,290  | 1,430  |                  |                  |
| 13              | H40 | 26,166 | 15,715    |           |               | 2,289    | 1,375  | 52     | 31     | 2,341 | 1,406  |        |                  |                  |
| 14              | H41 | 27,257 | 15,740    |           |               | 2,283    | 1,318  | 53     | 31     | 2,336 | 1,349  |        |                  |                  |
| 15              | H42 | 28,344 | 15,738    |           |               | 2,306    | 1,280  | 56     | 31     | 2,362 | 1,311  |        |                  |                  |
| 16              | H43 | 29,443 | 15,720    |           |               | 2,470    | 1,319  | 58     | 31     | 2,528 | 1,350  |        |                  |                  |
| 17              | H44 | 30,619 | 15,719    |           |               | 2,521    | 1,294  | 60     | 31     | 2,581 | 1,325  |        |                  |                  |
| 18              | H45 | 31,820 | 15,707    |           |               | 2,284    | 1,127  | 64     | 32     | 2,348 | 1,159  |        |                  |                  |
| 19              | H46 | 32,908 | 15,620    |           |               | 2,150    | 1,020  | 67     | 32     | 2,217 | 1,052  |        |                  |                  |
| 20              | H47 | 33,932 | 15,486    |           |               | 1,751    | 799    | 72     | 33     | 1,823 | 832    |        |                  |                  |
| 21              | H48 | 34,767 | 15,257    |           |               | 1,800    | 790    | 83     | 36     | 1,883 | 826    |        |                  |                  |
| 施設完成後の評価期間（50年） | 22  | H49    | 35,624    | 15,032    |               |          |        |        | 92     | 39    | 92     | 39     |                  |                  |
|                 | 23  | H50    | 35,624    | 14,454    |               |          |        |        | 92     | 37    | 92     | 37     |                  |                  |
|                 | 24  | H51    | 35,624    | 13,898    |               |          |        |        | 92     | 36    | 92     | 36     |                  |                  |
|                 | 25  | H52    | 35,624    | 13,363    |               |          |        |        | 92     | 35    | 92     | 35     |                  |                  |
|                 | 26  | H53    | 35,624    | 12,849    |               |          |        |        | 92     | 33    | 92     | 33     |                  |                  |
|                 | 27  | H54    | 35,624    | 12,355    |               |          |        |        | 92     | 32    | 92     | 32     |                  |                  |
|                 | 28  | H55    | 35,624    | 11,880    |               |          |        |        | 92     | 31    | 92     | 31     |                  |                  |
|                 | 29  | H56    | 35,624    | 11,423    |               |          |        |        | 92     | 29    | 92     | 29     |                  |                  |
|                 | 30  | H57    | 35,624    | 10,984    |               |          |        |        | 92     | 28    | 92     | 28     |                  |                  |
|                 | 31  | H58    | 35,624    | 10,561    |               |          |        |        | 92     | 27    | 92     | 27     |                  |                  |
|                 | 32  | H59    | 35,624    | 10,155    |               |          |        |        | 92     | 26    | 92     | 26     |                  |                  |
|                 | 33  | H60    | 35,624    | 9,764     |               |          |        |        | 92     | 25    | 92     | 25     |                  |                  |
|                 | 34  | H61    | 35,624    | 9,389     |               |          |        |        | 92     | 24    | 92     | 24     |                  |                  |
|                 | 35  | H62    | 35,624    | 9,028     |               |          |        |        | 92     | 23    | 92     | 23     |                  |                  |
|                 | 36  | H63    | 35,624    | 8,680     |               |          |        |        | 92     | 22    | 92     | 22     |                  |                  |
|                 | 37  | H64    | 35,624    | 8,347     |               |          |        |        | 92     | 22    | 92     | 22     |                  |                  |
|                 | 38  | H65    | 35,624    | 8,026     |               |          |        |        | 92     | 21    | 92     | 21     |                  |                  |
|                 | 39  | H66    | 35,624    | 7,717     |               |          |        |        | 92     | 20    | 92     | 20     |                  |                  |
|                 | 40  | H67    | 35,624    | 7,420     |               |          |        |        | 92     | 19    | 92     | 19     |                  |                  |
|                 | 41  | H68    | 35,624    | 7,135     |               |          |        |        | 92     | 18    | 92     | 18     |                  |                  |
|                 | 42  | H69    | 35,624    | 6,860     |               |          |        |        | 92     | 18    | 92     | 18     |                  |                  |
|                 | 43  | H70    | 35,624    | 6,596     |               |          |        |        | 92     | 17    | 92     | 17     |                  |                  |
|                 | 44  | H71    | 35,624    | 6,343     |               |          |        |        | 92     | 16    | 92     | 16     |                  |                  |
|                 | 45  | H72    | 35,624    | 6,099     |               |          |        |        | 92     | 16    | 92     | 16     |                  |                  |
|                 | 46  | H73    | 35,624    | 5,864     |               |          |        |        | 92     | 15    | 92     | 15     |                  |                  |
|                 | 47  | H74    | 35,624    | 5,639     |               |          |        |        | 92     | 15    | 92     | 15     |                  |                  |
|                 | 48  | H75    | 35,624    | 5,422     |               |          |        |        | 92     | 14    | 92     | 14     |                  |                  |
|                 | 49  | H76    | 35,624    | 5,213     |               |          |        |        | 92     | 13    | 92     | 13     |                  |                  |
|                 | 50  | H77    | 35,624    | 5,013     |               |          |        |        | 92     | 13    | 92     | 13     |                  |                  |
|                 | 51  | H78    | 35,624    | 4,820     |               |          |        |        | 92     | 12    | 92     | 12     |                  |                  |
|                 | 52  | H79    | 35,624    | 4,635     |               |          |        |        | 92     | 12    | 92     | 12     |                  |                  |
| 53              | H80 | 35,624 | 4,456     |           |               |          |        | 92     | 12     | 92    | 12     |        |                  |                  |
| 54              | H81 | 35,624 | 4,285     |           |               |          |        | 92     | 11     | 92    | 11     |        |                  |                  |
| 55              | H82 | 35,624 | 4,120     |           |               |          |        | 92     | 11     | 92    | 11     |        |                  |                  |
| 56              | H83 | 35,624 | 3,962     |           |               |          |        | 92     | 10     | 92    | 10     |        |                  |                  |
| 57              | H84 | 35,624 | 3,809     |           |               |          |        | 92     | 10     | 92    | 10     |        |                  |                  |
| 58              | H85 | 35,624 | 3,663     |           |               |          |        | 92     | 9      | 92    | 9      |        |                  |                  |
| 59              | H86 | 35,624 | 3,522     |           |               |          |        | 92     | 9      | 92    | 9      |        |                  |                  |
| 60              | H87 | 35,624 | 3,386     |           |               |          |        | 92     | 9      | 92    | 9      |        |                  |                  |
| 61              | H88 | 35,624 | 3,256     |           |               |          |        | 92     | 8      | 92    | 8      |        |                  |                  |
| 62              | H89 | 35,624 | 3,131     |           |               |          |        | 92     | 8      | 92    | 8      |        |                  |                  |
| 63              | H90 | 35,624 | 3,011     |           |               |          |        | 92     | 8      | 92    | 8      |        |                  |                  |
| 64              | H91 | 35,624 | 2,895     |           |               |          |        | 92     | 7      | 92    | 7      |        |                  |                  |
| 65              | H92 | 35,624 | 2,783     |           |               |          |        | 92     | 7      | 92    | 7      |        |                  |                  |
| 66              | H93 | 35,624 | 2,676     |           |               |          |        | 92     | 7      | 92    | 7      |        |                  |                  |
| 67              | H94 | 35,624 | 2,573     |           |               |          |        | 92     | 7      | 92    | 7      |        |                  |                  |
| 68              | H95 | 35,624 | 2,474     |           |               |          |        | 92     | 6      | 92    | 6      |        |                  |                  |
| 69              | H96 | 35,624 | 2,379     |           |               |          |        | 92     | 6      | 92    | 6      |        |                  |                  |
| 70              | H97 | 35,624 | 2,288     |           |               |          |        | 92     | 6      | 92    | 6      |        |                  |                  |
| 71              | H98 | 35,624 | 2,200     |           |               |          |        | 92     | 6      | 92    | 6      |        |                  |                  |
| 合 計             |     |        | 2,297,943 | 668,400   | 2,698         | 671,098  | 88,659 | 80,126 | 5,762  | 1,633 | 94,421 | 81,759 |                  |                  |
| 総便益/総費用         |     |        |           |           |               |          |        |        |        |       |        | 8.2    | 589.339          |                  |

【感度分析】全体事業（河川改修）

様式-5 費用対効果（資産-10%）

水系名：鳴瀬川 河川名：鳴瀬川・吉田川

| 年次              | t   | 年度     | 便益        |           |               |          | 費用     |        |        |       |        |        | 費用<br>便益比<br>B/C | 純現在<br>価値<br>B-C |
|-----------------|-----|--------|-----------|-----------|---------------|----------|--------|--------|--------|-------|--------|--------|------------------|------------------|
|                 |     |        | 河道        |           | 残存<br>価値<br>② | 計<br>①+② | 建設費③   |        | 維持管理費④ |       | 計③+④   |        |                  |                  |
|                 |     |        | 便益        | 現在価値<br>① |               |          | 費用     | 現在価値   | 費用     | 現在価値  | 費用     | 現在価値   |                  |                  |
| 整備期間（30年）       | -8  | H19    | 0         | 0         |               |          | 2,598  | 3,652  |        |       | 2,598  | 3,652  |                  |                  |
|                 | -7  | H20    | 436       | 574       |               |          | 3,394  | 4,454  | 0      | 0     | 3,394  | 4,454  |                  |                  |
|                 | -6  | H21    | 1,007     | 1,274     |               |          | 4,627  | 6,026  | 1      | 1     | 4,628  | 6,027  |                  |                  |
|                 | -5  | H22    | 1,784     | 2,171     |               |          | 3,781  | 4,730  | 3      | 4     | 3,784  | 4,734  |                  |                  |
|                 | -4  | H23    | 2,419     | 2,830     |               |          | 5,808  | 6,846  | 4      | 5     | 5,812  | 6,851  |                  |                  |
|                 | -3  | H24    | 3,395     | 3,819     |               |          | 10,230 | 11,741 | 6      | 7     | 10,236 | 11,748 |                  |                  |
|                 | -2  | H25    | 5,114     | 5,531     |               |          | 3,559  | 3,849  | 14     | 15    | 3,573  | 3,864  |                  |                  |
|                 | -1  | H26    | 5,712     | 5,940     |               |          | 3,482  | 3,621  | 18     | 19    | 3,500  | 3,640  |                  |                  |
|                 | 0   | H27    | 6,297     | 6,297     |               |          | 2,348  | 2,348  | 19     | 19    | 2,367  | 2,367  |                  |                  |
|                 | 1   | H28    | 6,691     | 6,434     |               |          | 2,592  | 2,492  | 31     | 30    | 2,623  | 2,522  |                  |                  |
|                 | 2   | H29    | 8,507     | 7,865     |               |          | 2,042  | 1,888  | 37     | 34    | 2,079  | 1,922  |                  |                  |
|                 | 3   | H30    | 9,938     | 8,835     |               |          | 2,059  | 1,830  | 42     | 37    | 2,101  | 1,867  |                  |                  |
|                 | 4   | H31    | 11,381    | 9,729     |               |          | 2,120  | 1,812  | 44     | 38    | 2,164  | 1,850  |                  |                  |
|                 | 5   | H32    | 12,866    | 10,575    |               |          | 2,483  | 2,041  | 44     | 36    | 2,527  | 2,077  |                  |                  |
|                 | 6   | H33    | 14,606    | 11,543    |               |          | 2,478  | 1,958  | 45     | 36    | 2,523  | 1,994  |                  |                  |
|                 | 7   | H34    | 15,578    | 11,838    |               |          | 2,470  | 1,877  | 46     | 35    | 2,516  | 1,912  |                  |                  |
|                 | 8   | H35    | 16,546    | 12,090    |               |          | 2,699  | 1,972  | 48     | 35    | 2,747  | 2,007  |                  |                  |
|                 | 9   | H36    | 17,604    | 12,368    |               |          | 2,595  | 1,823  | 48     | 34    | 2,643  | 1,857  |                  |                  |
|                 | 10  | H37    | 18,622    | 12,580    |               |          | 2,592  | 1,751  | 48     | 32    | 2,640  | 1,783  |                  |                  |
|                 | 11  | H38    | 19,638    | 12,756    |               |          | 2,608  | 1,694  | 49     | 32    | 2,657  | 1,726  |                  |                  |
|                 | 12  | H39    | 20,661    | 12,905    |               |          | 2,240  | 1,399  | 50     | 31    | 2,290  | 1,430  |                  |                  |
| 13              | H40 | 21,539 | 12,936    |           |               | 2,289    | 1,375  | 52     | 31     | 2,341 | 1,406  |        |                  |                  |
| 14              | H41 | 22,437 | 12,957    |           |               | 2,283    | 1,318  | 53     | 31     | 2,336 | 1,349  |        |                  |                  |
| 15              | H42 | 23,332 | 12,955    |           |               | 2,306    | 1,280  | 56     | 31     | 2,362 | 1,311  |        |                  |                  |
| 16              | H43 | 24,236 | 12,940    |           |               | 2,470    | 1,319  | 58     | 31     | 2,528 | 1,350  |        |                  |                  |
| 17              | H44 | 25,205 | 12,940    |           |               | 2,521    | 1,294  | 60     | 31     | 2,581 | 1,325  |        |                  |                  |
| 18              | H45 | 26,193 | 12,930    |           |               | 2,284    | 1,127  | 64     | 32     | 2,348 | 1,159  |        |                  |                  |
| 19              | H46 | 27,089 | 12,858    |           |               | 2,150    | 1,020  | 67     | 32     | 2,217 | 1,052  |        |                  |                  |
| 20              | H47 | 27,932 | 12,748    |           |               | 1,751    | 799    | 72     | 33     | 1,823 | 832    |        |                  |                  |
| 21              | H48 | 28,618 | 12,559    |           |               | 1,800    | 790    | 83     | 36     | 1,883 | 826    |        |                  |                  |
| 施設完成後の評価期間（50年） | 22  | H49    | 29,324    | 12,373    |               |          |        |        | 92     | 39    | 92     | 39     |                  |                  |
|                 | 23  | H50    | 29,324    | 11,898    |               |          |        |        | 92     | 37    | 92     | 37     |                  |                  |
|                 | 24  | H51    | 29,324    | 11,440    |               |          |        |        | 92     | 36    | 92     | 36     |                  |                  |
|                 | 25  | H52    | 29,324    | 11,000    |               |          |        |        | 92     | 35    | 92     | 35     |                  |                  |
|                 | 26  | H53    | 29,324    | 10,577    |               |          |        |        | 92     | 33    | 92     | 33     |                  |                  |
|                 | 27  | H54    | 29,324    | 10,170    |               |          |        |        | 92     | 32    | 92     | 32     |                  |                  |
|                 | 28  | H55    | 29,324    | 9,779     |               |          |        |        | 92     | 31    | 92     | 31     |                  |                  |
|                 | 29  | H56    | 29,324    | 9,403     |               |          |        |        | 92     | 29    | 92     | 29     |                  |                  |
|                 | 30  | H57    | 29,324    | 9,041     |               |          |        |        | 92     | 28    | 92     | 28     |                  |                  |
|                 | 31  | H58    | 29,324    | 8,693     |               |          |        |        | 92     | 27    | 92     | 27     |                  |                  |
|                 | 32  | H59    | 29,324    | 8,359     |               |          |        |        | 92     | 26    | 92     | 26     |                  |                  |
|                 | 33  | H60    | 29,324    | 8,038     |               |          |        |        | 92     | 25    | 92     | 25     |                  |                  |
|                 | 34  | H61    | 29,324    | 7,728     |               |          |        |        | 92     | 24    | 92     | 24     |                  |                  |
|                 | 35  | H62    | 29,324    | 7,431     |               |          |        |        | 92     | 23    | 92     | 23     |                  |                  |
|                 | 36  | H63    | 29,324    | 7,145     |               |          |        |        | 92     | 22    | 92     | 22     |                  |                  |
|                 | 37  | H64    | 29,324    | 6,871     |               |          |        |        | 92     | 22    | 92     | 22     |                  |                  |
|                 | 38  | H65    | 29,324    | 6,606     |               |          |        |        | 92     | 21    | 92     | 21     |                  |                  |
|                 | 39  | H66    | 29,324    | 6,352     |               |          |        |        | 92     | 20    | 92     | 20     |                  |                  |
|                 | 40  | H67    | 29,324    | 6,108     |               |          |        |        | 92     | 19    | 92     | 19     |                  |                  |
|                 | 41  | H68    | 29,324    | 5,873     |               |          |        |        | 92     | 18    | 92     | 18     |                  |                  |
|                 | 42  | H69    | 29,324    | 5,647     |               |          |        |        | 92     | 18    | 92     | 18     |                  |                  |
|                 | 43  | H70    | 29,324    | 5,430     |               |          |        |        | 92     | 17    | 92     | 17     |                  |                  |
|                 | 44  | H71    | 29,324    | 5,221     |               |          |        |        | 92     | 16    | 92     | 16     |                  |                  |
|                 | 45  | H72    | 29,324    | 5,020     |               |          |        |        | 92     | 16    | 92     | 16     |                  |                  |
|                 | 46  | H73    | 29,324    | 4,827     |               |          |        |        | 92     | 15    | 92     | 15     |                  |                  |
|                 | 47  | H74    | 29,324    | 4,641     |               |          |        |        | 92     | 15    | 92     | 15     |                  |                  |
|                 | 48  | H75    | 29,324    | 4,463     |               |          |        |        | 92     | 14    | 92     | 14     |                  |                  |
|                 | 49  | H76    | 29,324    | 4,291     |               |          |        |        | 92     | 13    | 92     | 13     |                  |                  |
|                 | 50  | H77    | 29,324    | 4,126     |               |          |        |        | 92     | 13    | 92     | 13     |                  |                  |
|                 | 51  | H78    | 29,324    | 3,968     |               |          |        |        | 92     | 12    | 92     | 12     |                  |                  |
|                 | 52  | H79    | 29,324    | 3,815     |               |          |        |        | 92     | 12    | 92     | 12     |                  |                  |
| 53              | H80 | 29,324 | 3,668     |           |               |          |        | 92     | 12     | 92    | 12     |        |                  |                  |
| 54              | H81 | 29,324 | 3,527     |           |               |          |        | 92     | 11     | 92    | 11     |        |                  |                  |
| 55              | H82 | 29,324 | 3,391     |           |               |          |        | 92     | 11     | 92    | 11     |        |                  |                  |
| 56              | H83 | 29,324 | 3,261     |           |               |          |        | 92     | 10     | 92    | 10     |        |                  |                  |
| 57              | H84 | 29,324 | 3,136     |           |               |          |        | 92     | 10     | 92    | 10     |        |                  |                  |
| 58              | H85 | 29,324 | 3,015     |           |               |          |        | 92     | 9      | 92    | 9      |        |                  |                  |
| 59              | H86 | 29,324 | 2,899     |           |               |          |        | 92     | 9      | 92    | 9      |        |                  |                  |
| 60              | H87 | 29,324 | 2,788     |           |               |          |        | 92     | 9      | 92    | 9      |        |                  |                  |
| 61              | H88 | 29,324 | 2,680     |           |               |          |        | 92     | 8      | 92    | 8      |        |                  |                  |
| 62              | H89 | 29,324 | 2,577     |           |               |          |        | 92     | 8      | 92    | 8      |        |                  |                  |
| 63              | H90 | 29,324 | 2,478     |           |               |          |        | 92     | 8      | 92    | 8      |        |                  |                  |
| 64              | H91 | 29,324 | 2,383     |           |               |          |        | 92     | 7      | 92    | 7      |        |                  |                  |
| 65              | H92 | 29,324 | 2,291     |           |               |          |        | 92     | 7      | 92    | 7      |        |                  |                  |
| 66              | H93 | 29,324 | 2,203     |           |               |          |        | 92     | 7      | 92    | 7      |        |                  |                  |
| 67              | H94 | 29,324 | 2,118     |           |               |          |        | 92     | 7      | 92    | 7      |        |                  |                  |
| 68              | H95 | 29,324 | 2,037     |           |               |          |        | 92     | 6      | 92    | 6      |        |                  |                  |
| 69              | H96 | 29,324 | 1,958     |           |               |          |        | 92     | 6      | 92    | 6      |        |                  |                  |
| 70              | H97 | 29,324 | 1,883     |           |               |          |        | 92     | 6      | 92    | 6      |        |                  |                  |
| 71              | H98 | 29,324 | 1,811     |           |               |          |        | 92     | 6      | 92    | 6      |        |                  |                  |
| 合計              |     |        | 1,891,583 | 550,215   | 2,698         | 552,913  | 88,659 | 80,126 | 5,762  | 1,633 | 94,421 | 81,759 |                  |                  |
| 総便益/総費用         |     |        |           |           |               | 552,913  |        |        |        |       | 81,759 | 6.8    | 471,154          |                  |

【感度分析】残事業（河川改修）

様式-5 費用対効果（基本）

水系名：鳴瀬川 河川名：鳴瀬川・吉田川

| 年次              | t   | 年度     | 便益        |           |               |          | 費用     |        |        |       |        |        | 費用<br>便益比<br>B/C | 純現在<br>価値<br>B-C |
|-----------------|-----|--------|-----------|-----------|---------------|----------|--------|--------|--------|-------|--------|--------|------------------|------------------|
|                 |     |        | 河道        |           | 残存<br>価値<br>② | 計<br>①+② | 建設費③   |        | 維持管理費④ |       | 計③+④   |        |                  |                  |
|                 |     |        | 便益        | 現在価値<br>① |               |          | 費用     | 現在価値   | 費用     | 現在価値  | 費用     | 現在価値   |                  |                  |
| 整備期間（30年）       | -8  | H19    | 0         | 0         |               |          | 0      | 0      |        |       | 0      | 0      |                  |                  |
|                 | -7  | H20    | 0         | 0         |               |          | 0      | 0      |        |       | 0      | 0      |                  |                  |
|                 | -6  | H21    | 0         | 0         |               |          | 0      | 0      |        |       | 0      | 0      |                  |                  |
|                 | -5  | H22    | 0         | 0         |               |          | 0      | 0      |        |       | 0      | 0      |                  |                  |
|                 | -4  | H23    | 0         | 0         |               |          | 0      | 0      |        |       | 0      | 0      |                  |                  |
|                 | -3  | H24    | 0         | 0         |               |          | 0      | 0      |        |       | 0      | 0      |                  |                  |
|                 | -2  | H25    | 0         | 0         |               |          | 0      | 0      |        |       | 0      | 0      |                  |                  |
|                 | -1  | H26    | 0         | 0         |               |          | 0      | 0      |        |       | 0      | 0      |                  |                  |
|                 | 0   | H27    | 0         | 0         |               |          | 0      | 0      |        |       | 0      | 0      |                  |                  |
|                 | 1   | H28    | 0         | 0         |               |          | 2,592  | 2,492  | 0      | 0     | 2,592  | 2,492  |                  |                  |
|                 | 2   | H29    | 2,011     | 1,859     |               |          | 2,042  | 1,888  | 6      | 6     | 2,048  | 1,894  |                  |                  |
|                 | 3   | H30    | 3,596     | 3,197     |               |          | 2,059  | 1,830  | 11     | 10    | 2,070  | 1,840  |                  |                  |
|                 | 4   | H31    | 5,194     | 4,440     |               |          | 2,120  | 1,812  | 13     | 11    | 2,133  | 1,823  |                  |                  |
|                 | 5   | H32    | 6,839     | 5,621     |               |          | 2,483  | 2,041  | 13     | 11    | 2,496  | 2,052  |                  |                  |
|                 | 6   | H33    | 8,766     | 6,928     |               |          | 2,478  | 1,958  | 14     | 11    | 2,492  | 1,969  |                  |                  |
|                 | 7   | H34    | 9,842     | 7,479     |               |          | 2,470  | 1,877  | 15     | 11    | 2,485  | 1,888  |                  |                  |
|                 | 8   | H35    | 10,915    | 7,975     |               |          | 2,699  | 1,972  | 17     | 12    | 2,716  | 1,984  |                  |                  |
|                 | 9   | H36    | 12,087    | 8,492     |               |          | 2,595  | 1,823  | 17     | 12    | 2,612  | 1,835  |                  |                  |
|                 | 10  | H37    | 13,214    | 8,927     |               |          | 2,592  | 1,751  | 17     | 11    | 2,609  | 1,762  |                  |                  |
|                 | 11  | H38    | 14,339    | 9,314     |               |          | 2,608  | 1,694  | 18     | 12    | 2,626  | 1,706  |                  |                  |
|                 | 12  | H39    | 15,472    | 9,664     |               |          | 2,240  | 1,399  | 19     | 12    | 2,259  | 1,411  |                  |                  |
| 13              | H40 | 16,444 | 9,876     |           |               | 2,289    | 1,375  | 21     | 13     | 2,310 | 1,388  |        |                  |                  |
| 14              | H41 | 17,438 | 10,070    |           |               | 2,283    | 1,318  | 22     | 13     | 2,305 | 1,331  |        |                  |                  |
| 15              | H42 | 18,430 | 10,234    |           |               | 2,306    | 1,280  | 25     | 14     | 2,331 | 1,294  |        |                  |                  |
| 16              | H43 | 19,431 | 10,374    |           |               | 2,470    | 1,319  | 27     | 14     | 2,497 | 1,333  |        |                  |                  |
| 17              | H44 | 20,504 | 10,526    |           |               | 2,521    | 1,294  | 29     | 15     | 2,550 | 1,309  |        |                  |                  |
| 18              | H45 | 21,599 | 10,662    |           |               | 2,284    | 1,127  | 33     | 16     | 2,317 | 1,143  |        |                  |                  |
| 19              | H46 | 22,590 | 10,722    |           |               | 2,150    | 1,020  | 36     | 17     | 2,186 | 1,037  |        |                  |                  |
| 20              | H47 | 23,524 | 10,736    |           |               | 1,751    | 799    | 41     | 19     | 1,792 | 818    |        |                  |                  |
| 21              | H48 | 24,284 | 10,657    |           |               | 1,800    | 790    | 52     | 23     | 1,852 | 813    |        |                  |                  |
| 施設完成後の評価期間（50年） | 22  | H49    | 25,066    | 10,577    |               |          |        |        | 61     | 26    | 61     | 26     |                  |                  |
|                 | 23  | H50    | 25,066    | 10,170    |               |          |        |        | 61     | 25    | 61     | 25     |                  |                  |
|                 | 24  | H51    | 25,066    | 9,779     |               |          |        |        | 61     | 24    | 61     | 24     |                  |                  |
|                 | 25  | H52    | 25,066    | 9,403     |               |          |        |        | 61     | 23    | 61     | 23     |                  |                  |
|                 | 26  | H53    | 25,066    | 9,041     |               |          |        |        | 61     | 22    | 61     | 22     |                  |                  |
|                 | 27  | H54    | 25,066    | 8,693     |               |          |        |        | 61     | 21    | 61     | 21     |                  |                  |
|                 | 28  | H55    | 25,066    | 8,359     |               |          |        |        | 61     | 20    | 61     | 20     |                  |                  |
|                 | 29  | H56    | 25,066    | 8,037     |               |          |        |        | 61     | 20    | 61     | 20     |                  |                  |
|                 | 30  | H57    | 25,066    | 7,728     |               |          |        |        | 61     | 19    | 61     | 19     |                  |                  |
|                 | 31  | H58    | 25,066    | 7,431     |               |          |        |        | 61     | 18    | 61     | 18     |                  |                  |
|                 | 32  | H59    | 25,066    | 7,145     |               |          |        |        | 61     | 17    | 61     | 17     |                  |                  |
|                 | 33  | H60    | 25,066    | 6,870     |               |          |        |        | 61     | 17    | 61     | 17     |                  |                  |
|                 | 34  | H61    | 25,066    | 6,606     |               |          |        |        | 61     | 16    | 61     | 16     |                  |                  |
|                 | 35  | H62    | 25,066    | 6,352     |               |          |        |        | 61     | 15    | 61     | 15     |                  |                  |
|                 | 36  | H63    | 25,066    | 6,108     |               |          |        |        | 61     | 15    | 61     | 15     |                  |                  |
|                 | 37  | H64    | 25,066    | 5,873     |               |          |        |        | 61     | 14    | 61     | 14     |                  |                  |
|                 | 38  | H65    | 25,066    | 5,647     |               |          |        |        | 61     | 14    | 61     | 14     |                  |                  |
|                 | 39  | H66    | 25,066    | 5,430     |               |          |        |        | 61     | 13    | 61     | 13     |                  |                  |
|                 | 40  | H67    | 25,066    | 5,221     |               |          |        |        | 61     | 13    | 61     | 13     |                  |                  |
|                 | 41  | H68    | 25,066    | 5,020     |               |          |        |        | 61     | 12    | 61     | 12     |                  |                  |
|                 | 42  | H69    | 25,066    | 4,827     |               |          |        |        | 61     | 12    | 61     | 12     |                  |                  |
|                 | 43  | H70    | 25,066    | 4,641     |               |          |        |        | 61     | 11    | 61     | 11     |                  |                  |
|                 | 44  | H71    | 25,066    | 4,463     |               |          |        |        | 61     | 11    | 61     | 11     |                  |                  |
|                 | 45  | H72    | 25,066    | 4,291     |               |          |        |        | 61     | 10    | 61     | 10     |                  |                  |
|                 | 46  | H73    | 25,066    | 4,126     |               |          |        |        | 61     | 10    | 61     | 10     |                  |                  |
|                 | 47  | H74    | 25,066    | 3,968     |               |          |        |        | 61     | 10    | 61     | 10     |                  |                  |
|                 | 48  | H75    | 25,066    | 3,815     |               |          |        |        | 61     | 9     | 61     | 9      |                  |                  |
|                 | 49  | H76    | 25,066    | 3,668     |               |          |        |        | 61     | 9     | 61     | 9      |                  |                  |
|                 | 50  | H77    | 25,066    | 3,527     |               |          |        |        | 61     | 9     | 61     | 9      |                  |                  |
|                 | 51  | H78    | 25,066    | 3,391     |               |          |        |        | 61     | 8     | 61     | 8      |                  |                  |
|                 | 52  | H79    | 25,066    | 3,261     |               |          |        |        | 61     | 8     | 61     | 8      |                  |                  |
| 53              | H80 | 25,066 | 3,136     |           |               |          |        | 61     | 8      | 61    | 8      |        |                  |                  |
| 54              | H81 | 25,066 | 3,015     |           |               |          |        | 61     | 7      | 61    | 7      |        |                  |                  |
| 55              | H82 | 25,066 | 2,899     |           |               |          |        | 61     | 7      | 61    | 7      |        |                  |                  |
| 56              | H83 | 25,066 | 2,788     |           |               |          |        | 61     | 7      | 61    | 7      |        |                  |                  |
| 57              | H84 | 25,066 | 2,680     |           |               |          |        | 61     | 7      | 61    | 7      |        |                  |                  |
| 58              | H85 | 25,066 | 2,577     |           |               |          |        | 61     | 6      | 61    | 6      |        |                  |                  |
| 59              | H86 | 25,066 | 2,478     |           |               |          |        | 61     | 6      | 61    | 6      |        |                  |                  |
| 60              | H87 | 25,066 | 2,383     |           |               |          |        | 61     | 6      | 61    | 6      |        |                  |                  |
| 61              | H88 | 25,066 | 2,291     |           |               |          |        | 61     | 6      | 61    | 6      |        |                  |                  |
| 62              | H89 | 25,066 | 2,203     |           |               |          |        | 61     | 5      | 61    | 5      |        |                  |                  |
| 63              | H90 | 25,066 | 2,118     |           |               |          |        | 61     | 5      | 61    | 5      |        |                  |                  |
| 64              | H91 | 25,066 | 2,037     |           |               |          |        | 61     | 5      | 61    | 5      |        |                  |                  |
| 65              | H92 | 25,066 | 1,958     |           |               |          |        | 61     | 5      | 61    | 5      |        |                  |                  |
| 66              | H93 | 25,066 | 1,883     |           |               |          |        | 61     | 5      | 61    | 5      |        |                  |                  |
| 67              | H94 | 25,066 | 1,811     |           |               |          |        | 61     | 4      | 61    | 4      |        |                  |                  |
| 68              | H95 | 25,066 | 1,741     |           |               |          |        | 61     | 4      | 61    | 4      |        |                  |                  |
| 69              | H96 | 25,066 | 1,674     |           |               |          |        | 61     | 4      | 61    | 4      |        |                  |                  |
| 70              | H97 | 25,066 | 1,610     |           |               |          |        | 61     | 4      | 61    | 4      |        |                  |                  |
| 71              | H98 | 25,066 | 1,548     |           |               |          |        | 61     | 4      | 61    | 4      |        |                  |                  |
| 合 計             |     |        | 1,539,819 | 404,051   | 1,040         | 405,091  | 48,832 | 32,859 | 3,496  | 839   | 52,328 | 33,698 |                  |                  |
| 総便益/総費用         |     |        |           |           |               |          |        |        |        |       |        | 33,698 | 12.0             | 371,393          |

単位:百万円

【感度分析】残事業（河川改修）

様式-5 費用対効果（残事業費+10%）

水系名：鳴瀬川 河川名：鳴瀬川・吉田川

| 年次              | t   | 年度     | 便益        |           |               |          | 費用     |        |        |      |        |        | 費用<br>便益比<br>B/C | 純現在<br>価値<br>B-C |
|-----------------|-----|--------|-----------|-----------|---------------|----------|--------|--------|--------|------|--------|--------|------------------|------------------|
|                 |     |        | 河道        |           | 残存<br>価値<br>② | 計<br>①+② | 建設費③   |        | 維持管理費④ |      | 計③+④   |        |                  |                  |
|                 |     |        | 便益        | 現在価値<br>① |               |          | 費用     | 現在価値   | 費用     | 現在価値 | 費用     | 現在価値   |                  |                  |
| 整備期間（30年）       | -8  | H19    | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0      |                  |                  |
|                 | -7  | H20    | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0      |                  |                  |
|                 | -6  | H21    | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0      |                  |                  |
|                 | -5  | H22    | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0      |                  |                  |
|                 | -4  | H23    | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0      |                  |                  |
|                 | -3  | H24    | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0      |                  |                  |
|                 | -2  | H25    | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0      |                  |                  |
|                 | -1  | H26    | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0      |                  |                  |
|                 | 0   | H27    | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0      |                  |                  |
|                 | 1   | H28    | 0         | 0         |               |          | 2,851  | 2,741  |        |      | 0      | 0      | 2,851            | 2,741            |
|                 | 2   | H29    | 2,011     | 1,859     |               |          | 2,246  | 2,077  |        |      | 6      | 6      | 2,252            | 2,083            |
|                 | 3   | H30    | 3,596     | 3,197     |               |          | 2,265  | 2,014  |        |      | 11     | 10     | 2,276            | 2,024            |
|                 | 4   | H31    | 5,194     | 4,440     |               |          | 2,332  | 1,993  |        |      | 13     | 11     | 2,345            | 2,004            |
|                 | 5   | H32    | 6,839     | 5,621     |               |          | 2,731  | 2,245  |        |      | 13     | 11     | 2,744            | 2,256            |
|                 | 6   | H33    | 8,766     | 6,928     |               |          | 2,726  | 2,154  |        |      | 14     | 11     | 2,740            | 2,165            |
|                 | 7   | H34    | 9,842     | 7,479     |               |          | 2,717  | 2,065  |        |      | 15     | 11     | 2,732            | 2,076            |
|                 | 8   | H35    | 10,915    | 7,975     |               |          | 2,969  | 2,169  |        |      | 17     | 12     | 2,986            | 2,181            |
|                 | 9   | H36    | 12,087    | 8,492     |               |          | 2,855  | 2,006  |        |      | 17     | 12     | 2,872            | 2,018            |
|                 | 10  | H37    | 13,214    | 8,927     |               |          | 2,851  | 1,926  |        |      | 17     | 11     | 2,868            | 1,937            |
|                 | 11  | H38    | 14,339    | 9,314     |               |          | 2,869  | 1,864  |        |      | 18     | 12     | 2,887            | 1,876            |
|                 | 12  | H39    | 15,472    | 9,664     |               |          | 2,464  | 1,539  |        |      | 19     | 12     | 2,483            | 1,551            |
| 13              | H40 | 16,444 | 9,876     |           |               | 2,518    | 1,512  |        |        | 21   | 13     | 2,539  | 1,525            |                  |
| 14              | H41 | 17,438 | 10,070    |           |               | 2,511    | 1,450  |        |        | 22   | 13     | 2,533  | 1,463            |                  |
| 15              | H42 | 18,430 | 10,234    |           |               | 2,537    | 1,409  |        |        | 25   | 14     | 2,562  | 1,423            |                  |
| 16              | H43 | 19,431 | 10,374    |           |               | 2,717    | 1,451  |        |        | 27   | 14     | 2,744  | 1,465            |                  |
| 17              | H44 | 20,504 | 10,526    |           |               | 2,773    | 1,424  |        |        | 29   | 15     | 2,802  | 1,439            |                  |
| 18              | H45 | 21,599 | 10,662    |           |               | 2,512    | 1,240  |        |        | 33   | 16     | 2,545  | 1,256            |                  |
| 19              | H46 | 22,590 | 10,722    |           |               | 2,365    | 1,123  |        |        | 36   | 17     | 2,401  | 1,140            |                  |
| 20              | H47 | 23,524 | 10,736    |           |               | 1,926    | 879    |        |        | 41   | 19     | 1,967  | 898              |                  |
| 21              | H48 | 24,284 | 10,657    |           |               | 1,980    | 869    |        |        | 52   | 23     | 2,032  | 892              |                  |
| 施設完成後の評価期間（50年） | 22  | H49    | 25,066    | 10,577    |               |          |        |        |        |      | 61     | 26     | 61               | 26               |
|                 | 23  | H50    | 25,066    | 10,170    |               |          |        |        |        |      | 61     | 25     | 61               | 25               |
|                 | 24  | H51    | 25,066    | 9,779     |               |          |        |        |        |      | 61     | 24     | 61               | 24               |
|                 | 25  | H52    | 25,066    | 9,403     |               |          |        |        |        |      | 61     | 23     | 61               | 23               |
|                 | 26  | H53    | 25,066    | 9,041     |               |          |        |        |        |      | 61     | 22     | 61               | 22               |
|                 | 27  | H54    | 25,066    | 8,693     |               |          |        |        |        |      | 61     | 21     | 61               | 21               |
|                 | 28  | H55    | 25,066    | 8,359     |               |          |        |        |        |      | 61     | 20     | 61               | 20               |
|                 | 29  | H56    | 25,066    | 8,037     |               |          |        |        |        |      | 61     | 20     | 61               | 20               |
|                 | 30  | H57    | 25,066    | 7,728     |               |          |        |        |        |      | 61     | 19     | 61               | 19               |
|                 | 31  | H58    | 25,066    | 7,431     |               |          |        |        |        |      | 61     | 18     | 61               | 18               |
|                 | 32  | H59    | 25,066    | 7,145     |               |          |        |        |        |      | 61     | 17     | 61               | 17               |
|                 | 33  | H60    | 25,066    | 6,870     |               |          |        |        |        |      | 61     | 17     | 61               | 17               |
|                 | 34  | H61    | 25,066    | 6,606     |               |          |        |        |        |      | 61     | 16     | 61               | 16               |
|                 | 35  | H62    | 25,066    | 6,352     |               |          |        |        |        |      | 61     | 15     | 61               | 15               |
|                 | 36  | H63    | 25,066    | 6,108     |               |          |        |        |        |      | 61     | 15     | 61               | 15               |
|                 | 37  | H64    | 25,066    | 5,873     |               |          |        |        |        |      | 61     | 14     | 61               | 14               |
|                 | 38  | H65    | 25,066    | 5,647     |               |          |        |        |        |      | 61     | 14     | 61               | 14               |
|                 | 39  | H66    | 25,066    | 5,430     |               |          |        |        |        |      | 61     | 13     | 61               | 13               |
|                 | 40  | H67    | 25,066    | 5,221     |               |          |        |        |        |      | 61     | 13     | 61               | 13               |
|                 | 41  | H68    | 25,066    | 5,020     |               |          |        |        |        |      | 61     | 12     | 61               | 12               |
|                 | 42  | H69    | 25,066    | 4,827     |               |          |        |        |        |      | 61     | 12     | 61               | 12               |
|                 | 43  | H70    | 25,066    | 4,641     |               |          |        |        |        |      | 61     | 11     | 61               | 11               |
|                 | 44  | H71    | 25,066    | 4,463     |               |          |        |        |        |      | 61     | 11     | 61               | 11               |
|                 | 45  | H72    | 25,066    | 4,291     |               |          |        |        |        |      | 61     | 10     | 61               | 10               |
|                 | 46  | H73    | 25,066    | 4,126     |               |          |        |        |        |      | 61     | 10     | 61               | 10               |
|                 | 47  | H74    | 25,066    | 3,968     |               |          |        |        |        |      | 61     | 10     | 61               | 10               |
|                 | 48  | H75    | 25,066    | 3,815     |               |          |        |        |        |      | 61     | 9      | 61               | 9                |
|                 | 49  | H76    | 25,066    | 3,668     |               |          |        |        |        |      | 61     | 9      | 61               | 9                |
|                 | 50  | H77    | 25,066    | 3,527     |               |          |        |        |        |      | 61     | 9      | 61               | 9                |
|                 | 51  | H78    | 25,066    | 3,391     |               |          |        |        |        |      | 61     | 8      | 61               | 8                |
| 52              | H79 | 25,066 | 3,261     |           |               |          |        |        |        | 61   | 8      | 61     | 8                |                  |
| 53              | H80 | 25,066 | 3,136     |           |               |          |        |        |        | 61   | 8      | 61     | 8                |                  |
| 54              | H81 | 25,066 | 3,015     |           |               |          |        |        |        | 61   | 7      | 61     | 7                |                  |
| 55              | H82 | 25,066 | 2,899     |           |               |          |        |        |        | 61   | 7      | 61     | 7                |                  |
| 56              | H83 | 25,066 | 2,788     |           |               |          |        |        |        | 61   | 7      | 61     | 7                |                  |
| 57              | H84 | 25,066 | 2,680     |           |               |          |        |        |        | 61   | 7      | 61     | 7                |                  |
| 58              | H85 | 25,066 | 2,577     |           |               |          |        |        |        | 61   | 6      | 61     | 6                |                  |
| 59              | H86 | 25,066 | 2,478     |           |               |          |        |        |        | 61   | 6      | 61     | 6                |                  |
| 60              | H87 | 25,066 | 2,383     |           |               |          |        |        |        | 61   | 6      | 61     | 6                |                  |
| 61              | H88 | 25,066 | 2,291     |           |               |          |        |        |        | 61   | 6      | 61     | 6                |                  |
| 62              | H89 | 25,066 | 2,203     |           |               |          |        |        |        | 61   | 5      | 61     | 5                |                  |
| 63              | H90 | 25,066 | 2,118     |           |               |          |        |        |        | 61   | 5      | 61     | 5                |                  |
| 64              | H91 | 25,066 | 2,037     |           |               |          |        |        |        | 61   | 5      | 61     | 5                |                  |
| 65              | H92 | 25,066 | 1,958     |           |               |          |        |        |        | 61   | 5      | 61     | 5                |                  |
| 66              | H93 | 25,066 | 1,883     |           |               |          |        |        |        | 61   | 5      | 61     | 5                |                  |
| 67              | H94 | 25,066 | 1,811     |           |               |          |        |        |        | 61   | 4      | 61     | 4                |                  |
| 68              | H95 | 25,066 | 1,741     |           |               |          |        |        |        | 61   | 4      | 61     | 4                |                  |
| 69              | H96 | 25,066 | 1,674     |           |               |          |        |        |        | 61   | 4      | 61     | 4                |                  |
| 70              | H97 | 25,066 | 1,610     |           |               |          |        |        |        | 61   | 4      | 61     | 4                |                  |
| 71              | H98 | 25,066 | 1,548     |           |               |          |        |        |        | 61   | 4      | 61     | 4                |                  |
| 合 計             |     |        | 1,539,819 | 404,051   | 1,144         | 405,195  | 53,715 | 36,150 | 3,496  | 839  | 57,211 | 36,989 |                  |                  |
| 総便益/総費用         |     |        |           |           |               | 405,195  |        |        |        |      | 36,989 | 11.0   | 368,206          |                  |

【感度分析】残事業（河川改修）

様式-5 費用対効果（残事業費-10%）

水系名：鳴瀬川 河川名：鳴瀬川・吉田川

| 年次              | t   | 年度     | 便益        |           |               |          | 費用     |        |        |      |        |        | 費用<br>便益比<br>B/C | 純現在<br>価値<br>B-C |
|-----------------|-----|--------|-----------|-----------|---------------|----------|--------|--------|--------|------|--------|--------|------------------|------------------|
|                 |     |        | 河道        |           | 残存<br>価値<br>② | 計<br>①+② | 建設費③   |        | 維持管理費④ |      | 計③+④   |        |                  |                  |
|                 |     |        | 便益        | 現在価値<br>① |               |          | 費用     | 現在価値   | 費用     | 現在価値 | 費用     | 現在価値   |                  |                  |
| 整備期間（30年）       | -8  | H19    | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0      |                  |                  |
|                 | -7  | H20    | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0      |                  |                  |
|                 | -6  | H21    | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0      |                  |                  |
|                 | -5  | H22    | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0      |                  |                  |
|                 | -4  | H23    | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0      |                  |                  |
|                 | -3  | H24    | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0      |                  |                  |
|                 | -2  | H25    | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0      |                  |                  |
|                 | -1  | H26    | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0      |                  |                  |
|                 | 0   | H27    | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0      |                  |                  |
|                 | 1   | H28    | 0         | 0         |               |          | 2,333  | 2,243  |        |      | 0      | 0      | 2,333            | 2,243            |
|                 | 2   | H29    | 2,011     | 1,859     |               |          | 1,838  | 1,699  |        |      | 6      | 6      | 1,844            | 1,705            |
|                 | 3   | H30    | 3,596     | 3,197     |               |          | 1,853  | 1,647  |        |      | 11     | 10     | 1,864            | 1,657            |
|                 | 4   | H31    | 5,194     | 4,440     |               |          | 1,908  | 1,631  |        |      | 13     | 11     | 1,921            | 1,642            |
|                 | 5   | H32    | 6,839     | 5,621     |               |          | 2,255  | 1,837  |        |      | 13     | 11     | 2,248            | 1,848            |
|                 | 6   | H33    | 8,766     | 6,928     |               |          | 2,230  | 1,762  |        |      | 14     | 11     | 2,244            | 1,773            |
|                 | 7   | H34    | 9,842     | 7,479     |               |          | 2,223  | 1,689  |        |      | 15     | 11     | 2,238            | 1,700            |
|                 | 8   | H35    | 10,915    | 7,975     |               |          | 2,429  | 1,775  |        |      | 17     | 12     | 2,446            | 1,787            |
|                 | 9   | H36    | 12,087    | 8,492     |               |          | 2,336  | 1,641  |        |      | 17     | 12     | 2,353            | 1,653            |
|                 | 10  | H37    | 13,214    | 8,927     |               |          | 2,333  | 1,576  |        |      | 17     | 11     | 2,350            | 1,587            |
|                 | 11  | H38    | 14,339    | 9,314     |               |          | 2,347  | 1,525  |        |      | 18     | 12     | 2,365            | 1,537            |
|                 | 12  | H39    | 15,472    | 9,664     |               |          | 2,016  | 1,259  |        |      | 19     | 12     | 2,035            | 1,271            |
| 13              | H40 | 16,444 | 9,876     |           |               | 2,060    | 1,237  |        |        | 21   | 13     | 2,081  | 1,250            |                  |
| 14              | H41 | 17,438 | 10,070    |           |               | 2,055    | 1,187  |        |        | 22   | 13     | 2,077  | 1,200            |                  |
| 15              | H42 | 18,430 | 10,234    |           |               | 2,075    | 1,152  |        |        | 25   | 14     | 2,100  | 1,166            |                  |
| 16              | H43 | 19,431 | 10,374    |           |               | 2,223    | 1,187  |        |        | 27   | 14     | 2,250  | 1,201            |                  |
| 17              | H44 | 20,504 | 10,526    |           |               | 2,269    | 1,165  |        |        | 29   | 15     | 2,298  | 1,180            |                  |
| 18              | H45 | 21,599 | 10,662    |           |               | 2,056    | 1,015  |        |        | 33   | 16     | 2,089  | 1,031            |                  |
| 19              | H46 | 22,590 | 10,722    |           |               | 1,935    | 918    |        |        | 36   | 17     | 1,971  | 935              |                  |
| 20              | H47 | 23,524 | 10,736    |           |               | 1,576    | 719    |        |        | 41   | 19     | 1,617  | 738              |                  |
| 21              | H48 | 24,284 | 10,657    |           |               | 1,620    | 711    |        |        | 52   | 23     | 1,672  | 734              |                  |
| 施設完成後の評価期間（50年） | 22  | H49    | 25,066    | 10,577    |               |          |        |        |        |      | 61     | 26     | 61               | 26               |
|                 | 23  | H50    | 25,066    | 10,170    |               |          |        |        |        |      | 61     | 25     | 61               | 25               |
|                 | 24  | H51    | 25,066    | 9,779     |               |          |        |        |        |      | 61     | 24     | 61               | 24               |
|                 | 25  | H52    | 25,066    | 9,403     |               |          |        |        |        |      | 61     | 23     | 61               | 23               |
|                 | 26  | H53    | 25,066    | 9,041     |               |          |        |        |        |      | 61     | 22     | 61               | 22               |
|                 | 27  | H54    | 25,066    | 8,693     |               |          |        |        |        |      | 61     | 21     | 61               | 21               |
|                 | 28  | H55    | 25,066    | 8,359     |               |          |        |        |        |      | 61     | 20     | 61               | 20               |
|                 | 29  | H56    | 25,066    | 8,037     |               |          |        |        |        |      | 61     | 20     | 61               | 20               |
|                 | 30  | H57    | 25,066    | 7,728     |               |          |        |        |        |      | 61     | 19     | 61               | 19               |
|                 | 31  | H58    | 25,066    | 7,431     |               |          |        |        |        |      | 61     | 18     | 61               | 18               |
|                 | 32  | H59    | 25,066    | 7,145     |               |          |        |        |        |      | 61     | 17     | 61               | 17               |
|                 | 33  | H60    | 25,066    | 6,870     |               |          |        |        |        |      | 61     | 17     | 61               | 17               |
|                 | 34  | H61    | 25,066    | 6,606     |               |          |        |        |        |      | 61     | 16     | 61               | 16               |
|                 | 35  | H62    | 25,066    | 6,352     |               |          |        |        |        |      | 61     | 15     | 61               | 15               |
|                 | 36  | H63    | 25,066    | 6,108     |               |          |        |        |        |      | 61     | 15     | 61               | 15               |
|                 | 37  | H64    | 25,066    | 5,873     |               |          |        |        |        |      | 61     | 14     | 61               | 14               |
|                 | 38  | H65    | 25,066    | 5,647     |               |          |        |        |        |      | 61     | 14     | 61               | 14               |
|                 | 39  | H66    | 25,066    | 5,430     |               |          |        |        |        |      | 61     | 13     | 61               | 13               |
|                 | 40  | H67    | 25,066    | 5,221     |               |          |        |        |        |      | 61     | 13     | 61               | 13               |
|                 | 41  | H68    | 25,066    | 5,020     |               |          |        |        |        |      | 61     | 12     | 61               | 12               |
|                 | 42  | H69    | 25,066    | 4,827     |               |          |        |        |        |      | 61     | 12     | 61               | 12               |
|                 | 43  | H70    | 25,066    | 4,641     |               |          |        |        |        |      | 61     | 11     | 61               | 11               |
|                 | 44  | H71    | 25,066    | 4,463     |               |          |        |        |        |      | 61     | 11     | 61               | 11               |
|                 | 45  | H72    | 25,066    | 4,291     |               |          |        |        |        |      | 61     | 10     | 61               | 10               |
|                 | 46  | H73    | 25,066    | 4,126     |               |          |        |        |        |      | 61     | 10     | 61               | 10               |
|                 | 47  | H74    | 25,066    | 3,968     |               |          |        |        |        |      | 61     | 10     | 61               | 10               |
|                 | 48  | H75    | 25,066    | 3,815     |               |          |        |        |        |      | 61     | 9      | 61               | 9                |
|                 | 49  | H76    | 25,066    | 3,668     |               |          |        |        |        |      | 61     | 9      | 61               | 9                |
|                 | 50  | H77    | 25,066    | 3,527     |               |          |        |        |        |      | 61     | 9      | 61               | 9                |
|                 | 51  | H78    | 25,066    | 3,391     |               |          |        |        |        |      | 61     | 8      | 61               | 8                |
|                 | 52  | H79    | 25,066    | 3,261     |               |          |        |        |        |      | 61     | 8      | 61               | 8                |
| 53              | H80 | 25,066 | 3,136     |           |               |          |        |        |        | 61   | 8      | 61     | 8                |                  |
| 54              | H81 | 25,066 | 3,015     |           |               |          |        |        |        | 61   | 7      | 61     | 7                |                  |
| 55              | H82 | 25,066 | 2,899     |           |               |          |        |        |        | 61   | 7      | 61     | 7                |                  |
| 56              | H83 | 25,066 | 2,788     |           |               |          |        |        |        | 61   | 7      | 61     | 7                |                  |
| 57              | H84 | 25,066 | 2,680     |           |               |          |        |        |        | 61   | 7      | 61     | 7                |                  |
| 58              | H85 | 25,066 | 2,577     |           |               |          |        |        |        | 61   | 6      | 61     | 6                |                  |
| 59              | H86 | 25,066 | 2,478     |           |               |          |        |        |        | 61   | 6      | 61     | 6                |                  |
| 60              | H87 | 25,066 | 2,383     |           |               |          |        |        |        | 61   | 6      | 61     | 6                |                  |
| 61              | H88 | 25,066 | 2,291     |           |               |          |        |        |        | 61   | 6      | 61     | 6                |                  |
| 62              | H89 | 25,066 | 2,203     |           |               |          |        |        |        | 61   | 5      | 61     | 5                |                  |
| 63              | H90 | 25,066 | 2,118     |           |               |          |        |        |        | 61   | 5      | 61     | 5                |                  |
| 64              | H91 | 25,066 | 2,037     |           |               |          |        |        |        | 61   | 5      | 61     | 5                |                  |
| 65              | H92 | 25,066 | 1,958     |           |               |          |        |        |        | 61   | 5      | 61     | 5                |                  |
| 66              | H93 | 25,066 | 1,883     |           |               |          |        |        |        | 61   | 5      | 61     | 5                |                  |
| 67              | H94 | 25,066 | 1,811     |           |               |          |        |        |        | 61   | 4      | 61     | 4                |                  |
| 68              | H95 | 25,066 | 1,741     |           |               |          |        |        |        | 61   | 4      | 61     | 4                |                  |
| 69              | H96 | 25,066 | 1,674     |           |               |          |        |        |        | 61   | 4      | 61     | 4                |                  |
| 70              | H97 | 25,066 | 1,610     |           |               |          |        |        |        | 61   | 4      | 61     | 4                |                  |
| 71              | H98 | 25,066 | 1,548     |           |               |          |        |        |        | 61   | 4      | 61     | 4                |                  |
| 合計              |     |        | 1,539,819 | 404,051   | 936           | 404,987  | 43,950 | 29,575 | 3,496  | 839  | 47,446 | 30,414 |                  |                  |
| 総便益/総費用         |     |        |           |           |               |          |        |        |        |      |        | 30,414 | 13.3             | 374,573          |

【感度分析】残事業（河川改修）

様式-5 費用対効果（残工期+10%）

水系名：鳴瀬川 河川名：鳴瀬川・吉田川

単位:百万円

| 年次                      | t  | 年度   | 便益        |           |               | 費用       |        |        |        |      |        | 費用<br>便益比<br>B/C | 純現在<br>価値<br>B-C |         |
|-------------------------|----|------|-----------|-----------|---------------|----------|--------|--------|--------|------|--------|------------------|------------------|---------|
|                         |    |      | 河道        |           | 残存<br>価値<br>② | 計<br>①+② | 建設費③   |        | 維持管理費④ |      | 計③+④   |                  |                  |         |
|                         |    |      | 便益        | 現在価値<br>① |               |          | 費用     | 現在価値   | 費用     | 現在価値 | 費用     |                  |                  | 現在価値    |
|                         | -8 | H19  | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0                |                  |         |
|                         | -7 | H20  | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0                |                  |         |
|                         | -6 | H21  | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0                |                  |         |
|                         | -5 | H22  | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0                |                  |         |
|                         | -4 | H23  | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0                |                  |         |
|                         | -3 | H24  | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0                |                  |         |
|                         | -2 | H25  | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0                |                  |         |
|                         | -1 | H26  | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0                |                  |         |
|                         | 0  | H27  | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0                |                  |         |
|                         | 1  | H28  | 0         | 0         |               |          | 2,367  | 2,276  | 0      | 0    | 2,367  | 2,276            |                  |         |
|                         | 2  | H29  | 2,031     | 1,878     |               |          | 1,912  | 1,768  | 5      | 5    | 1,917  | 1,773            |                  |         |
|                         | 3  | H30  | 3,671     | 3,264     |               |          | 1,877  | 1,669  | 9      | 8    | 1,886  | 1,677            |                  |         |
|                         | 4  | H31  | 5,282     | 4,515     |               |          | 1,920  | 1,641  | 11     | 9    | 1,931  | 1,650            |                  |         |
|                         | 5  | H32  | 6,929     | 5,695     |               |          | 2,141  | 1,760  | 12     | 10   | 2,153  | 1,770            |                  |         |
|                         | 6  | H33  | 8,766     | 6,928     |               |          | 2,265  | 1,790  | 12     | 9    | 2,277  | 1,799            |                  |         |
|                         | 7  | H34  | 9,722     | 7,388     |               |          | 2,259  | 1,717  | 13     | 10   | 2,272  | 1,727            |                  |         |
|                         | 8  | H35  | 10,676    | 7,801     |               |          | 2,325  | 1,699  | 14     | 10   | 2,339  | 1,709            |                  |         |
|                         | 9  | H36  | 11,657    | 8,190     |               |          | 2,442  | 1,716  | 16     | 11   | 2,458  | 1,727            |                  |         |
|                         | 10 | H37  | 12,688    | 8,572     |               |          | 2,369  | 1,600  | 16     | 11   | 2,385  | 1,611            |                  |         |
|                         | 11 | H38  | 13,688    | 8,891     |               |          | 2,367  | 1,538  | 16     | 10   | 2,383  | 1,548            |                  |         |
|                         | 12 | H39  | 14,687    | 9,173     |               |          | 2,381  | 1,487  | 16     | 10   | 2,397  | 1,497            |                  |         |
|                         | 13 | H40  | 15,692    | 9,424     |               |          | 2,061  | 1,238  | 17     | 10   | 2,078  | 1,248            |                  |         |
|                         | 14 | H41  | 16,562    | 9,564     |               |          | 2,084  | 1,203  | 19     | 11   | 2,103  | 1,214            |                  |         |
|                         | 15 | H42  | 17,442    | 9,685     |               |          | 2,086  | 1,158  | 20     | 11   | 2,106  | 1,169            |                  |         |
|                         | 16 | H43  | 18,322    | 9,782     |               |          | 2,099  | 1,121  | 22     | 12   | 2,121  | 1,133            |                  |         |
|                         | 17 | H44  | 19,208    | 9,861     |               |          | 2,191  | 1,125  | 24     | 12   | 2,215  | 1,137            |                  |         |
|                         | 18 | H45  | 20,133    | 9,938     |               |          | 2,277  | 1,124  | 26     | 13   | 2,303  | 1,137            |                  |         |
|                         | 19 | H46  | 21,094    | 10,012    |               |          | 2,219  | 1,053  | 28     | 13   | 2,247  | 1,066            |                  |         |
|                         | 20 | H47  | 22,031    | 10,055    |               |          | 2,050  | 936    | 31     | 14   | 2,081  | 950              |                  |         |
|                         | 21 | H48  | 22,896    | 10,048    |               |          | 1,894  | 831    | 34     | 15   | 1,928  | 846              |                  |         |
|                         | 22 | H49  | 23,696    | 9,999     |               |          | 1,603  | 676    | 38     | 16   | 1,641  | 692              |                  |         |
|                         | 23 | H50  | 24,372    | 9,888     |               |          | 1,643  | 667    | 47     | 19   | 1,690  | 686              |                  |         |
| 施設完成後の<br>評価期間<br>(50年) | 24 | H51  | 25,066    | 9,779     |               |          |        |        | 61     | 24   | 61     | 24               |                  |         |
|                         | 25 | H52  | 25,066    | 9,403     |               |          |        |        | 61     | 23   | 61     | 23               |                  |         |
|                         | 26 | H53  | 25,066    | 9,041     |               |          |        |        | 61     | 22   | 61     | 22               |                  |         |
|                         | 27 | H54  | 25,066    | 8,693     |               |          |        |        | 61     | 21   | 61     | 21               |                  |         |
|                         | 28 | H55  | 25,066    | 8,359     |               |          |        |        | 61     | 20   | 61     | 20               |                  |         |
|                         | 29 | H56  | 25,066    | 8,037     |               |          |        |        | 61     | 20   | 61     | 20               |                  |         |
|                         | 30 | H57  | 25,066    | 7,728     |               |          |        |        | 61     | 19   | 61     | 19               |                  |         |
|                         | 31 | H58  | 25,066    | 7,431     |               |          |        |        | 61     | 18   | 61     | 18               |                  |         |
|                         | 32 | H59  | 25,066    | 7,145     |               |          |        |        | 61     | 17   | 61     | 17               |                  |         |
|                         | 33 | H60  | 25,066    | 6,870     |               |          |        |        | 61     | 17   | 61     | 17               |                  |         |
|                         | 34 | H61  | 25,066    | 6,606     |               |          |        |        | 61     | 16   | 61     | 16               |                  |         |
|                         | 35 | H62  | 25,066    | 6,352     |               |          |        |        | 61     | 15   | 61     | 15               |                  |         |
|                         | 36 | H63  | 25,066    | 6,108     |               |          |        |        | 61     | 15   | 61     | 15               |                  |         |
|                         | 37 | H64  | 25,066    | 5,873     |               |          |        |        | 61     | 14   | 61     | 14               |                  |         |
|                         | 38 | H65  | 25,066    | 5,647     |               |          |        |        | 61     | 14   | 61     | 14               |                  |         |
|                         | 39 | H66  | 25,066    | 5,430     |               |          |        |        | 61     | 13   | 61     | 13               |                  |         |
|                         | 40 | H67  | 25,066    | 5,221     |               |          |        |        | 61     | 13   | 61     | 13               |                  |         |
|                         | 41 | H68  | 25,066    | 5,020     |               |          |        |        | 61     | 12   | 61     | 12               |                  |         |
|                         | 42 | H69  | 25,066    | 4,827     |               |          |        |        | 61     | 12   | 61     | 12               |                  |         |
|                         | 43 | H70  | 25,066    | 4,641     |               |          |        |        | 61     | 11   | 61     | 11               |                  |         |
|                         | 44 | H71  | 25,066    | 4,463     |               |          |        |        | 61     | 11   | 61     | 11               |                  |         |
|                         | 45 | H72  | 25,066    | 4,291     |               |          |        |        | 61     | 10   | 61     | 10               |                  |         |
|                         | 46 | H73  | 25,066    | 4,126     |               |          |        |        | 61     | 10   | 61     | 10               |                  |         |
|                         | 47 | H74  | 25,066    | 3,968     |               |          |        |        | 61     | 10   | 61     | 10               |                  |         |
|                         | 48 | H75  | 25,066    | 3,815     |               |          |        |        | 61     | 9    | 61     | 9                |                  |         |
|                         | 49 | H76  | 25,066    | 3,668     |               |          |        |        | 61     | 9    | 61     | 9                |                  |         |
|                         | 50 | H77  | 25,066    | 3,527     |               |          |        |        | 61     | 9    | 61     | 9                |                  |         |
|                         | 51 | H78  | 25,066    | 3,391     |               |          |        |        | 61     | 8    | 61     | 8                |                  |         |
|                         | 52 | H79  | 25,066    | 3,261     |               |          |        |        | 61     | 8    | 61     | 8                |                  |         |
|                         | 53 | H80  | 25,066    | 3,136     |               |          |        |        | 61     | 8    | 61     | 8                |                  |         |
|                         | 54 | H81  | 25,066    | 3,015     |               |          |        |        | 61     | 7    | 61     | 7                |                  |         |
|                         | 55 | H82  | 25,066    | 2,899     |               |          |        |        | 61     | 7    | 61     | 7                |                  |         |
|                         | 56 | H83  | 25,066    | 2,788     |               |          |        |        | 61     | 7    | 61     | 7                |                  |         |
|                         | 57 | H84  | 25,066    | 2,680     |               |          |        |        | 61     | 7    | 61     | 7                |                  |         |
|                         | 58 | H85  | 25,066    | 2,577     |               |          |        |        | 61     | 6    | 61     | 6                |                  |         |
|                         | 59 | H86  | 25,066    | 2,478     |               |          |        |        | 61     | 6    | 61     | 6                |                  |         |
|                         | 60 | H87  | 25,066    | 2,383     |               |          |        |        | 61     | 6    | 61     | 6                |                  |         |
|                         | 61 | H88  | 25,066    | 2,291     |               |          |        |        | 61     | 6    | 61     | 6                |                  |         |
|                         | 62 | H89  | 25,066    | 2,203     |               |          |        |        | 61     | 5    | 61     | 5                |                  |         |
|                         | 63 | H90  | 25,066    | 2,118     |               |          |        |        | 61     | 5    | 61     | 5                |                  |         |
|                         | 64 | H91  | 25,066    | 2,037     |               |          |        |        | 61     | 5    | 61     | 5                |                  |         |
|                         | 65 | H92  | 25,066    | 1,958     |               |          |        |        | 61     | 5    | 61     | 5                |                  |         |
|                         | 66 | H93  | 25,066    | 1,883     |               |          |        |        | 61     | 5    | 61     | 5                |                  |         |
|                         | 67 | H94  | 25,066    | 1,811     |               |          |        |        | 61     | 4    | 61     | 4                |                  |         |
|                         | 68 | H95  | 25,066    | 1,741     |               |          |        |        | 61     | 4    | 61     | 4                |                  |         |
|                         | 69 | H96  | 25,066    | 1,674     |               |          |        |        | 61     | 4    | 61     | 4                |                  |         |
|                         | 70 | H97  | 25,066    | 1,610     |               |          |        |        | 61     | 4    | 61     | 4                |                  |         |
|                         | 71 | H98  | 25,066    | 1,548     |               |          |        |        | 61     | 4    | 61     | 4                |                  |         |
|                         | 72 | H99  | 25,066    | 1,488     |               |          |        |        | 61     | 4    | 61     | 4                |                  |         |
|                         | 73 | H100 | 25,066    | 1,431     |               |          |        |        | 61     | 3    | 61     | 3                |                  |         |
| 合計                      |    |      | 1,574,545 | 399,021   | 961           | 399,982  | 48,832 | 31,793 | 3,496  | 781  | 52,328 | 32,574           |                  |         |
| 総便益                     |    |      |           |           |               | 399,982  |        |        |        |      |        | 32,574           | 12.3             | 367,408 |

【感度分析】残事業（河川改修）

様式-5 費用対効果（残工期-10%）

水系名：鳴瀬川 河川名：鳴瀬川・吉田川

単位：百万円

| 年次              | t   | 年度     | 便益        |           |               |          | 費用     |        |        |      |        |        | 費用<br>便益比<br>B/C | 純現在<br>価値<br>B-C |
|-----------------|-----|--------|-----------|-----------|---------------|----------|--------|--------|--------|------|--------|--------|------------------|------------------|
|                 |     |        | 河道        |           | 残存<br>価値<br>② | 計<br>①+② | 建設費③   |        | 維持管理費④ |      | 計③+④   |        |                  |                  |
|                 |     |        | 便益        | 現在価値<br>① |               |          | 費用     | 現在価値   | 費用     | 現在価値 | 費用     | 現在価値   |                  |                  |
|                 | -8  | H19    | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0      |                  |                  |
|                 | -7  | H20    | 0         | 0         |               |          | 0      | 0      | 0      | 0    | 0      | 0      |                  |                  |
|                 | -6  | H21    | 0         | 0         |               |          | 0      | 0      | 0      | 0    | 0      | 0      |                  |                  |
|                 | -5  | H22    | 0         | 0         |               |          | 0      | 0      | 0      | 0    | 0      | 0      |                  |                  |
|                 | -4  | H23    | 0         | 0         |               |          | 0      | 0      | 0      | 0    | 0      | 0      |                  |                  |
|                 | -3  | H24    | 0         | 0         |               |          | 0      | 0      | 0      | 0    | 0      | 0      |                  |                  |
|                 | -2  | H25    | 0         | 0         |               |          | 0      | 0      | 0      | 0    | 0      | 0      |                  |                  |
|                 | -1  | H26    | 0         | 0         |               |          | 0      | 0      | 0      | 0    | 0      | 0      |                  |                  |
|                 | 0   | H27    | 0         | 0         |               |          | 0      | 0      | 0      | 0    | 0      | 0      |                  |                  |
|                 | 1   | H28    | 0         | 0         |               |          | 2,807  | 2,699  | 1      | 1    | 2,808  | 2,700  |                  |                  |
|                 | 2   | H29    | 1,953     | 1,806     |               |          | 2,260  | 2,089  | 8      | 7    | 2,268  | 2,096  |                  |                  |
|                 | 3   | H30    | 3,525     | 3,134     |               |          | 2,295  | 2,040  | 13     | 12   | 2,308  | 2,052  |                  |                  |
|                 | 4   | H31    | 5,122     | 4,378     |               |          | 2,496  | 2,134  | 14     | 12   | 2,510  | 2,146  |                  |                  |
|                 | 5   | H32    | 6,858     | 5,637     |               |          | 2,742  | 2,254  | 15     | 12   | 2,757  | 2,266  |                  |                  |
|                 | 6   | H33    | 8,766     | 6,928     |               |          | 2,734  | 2,161  | 16     | 13   | 2,750  | 2,174  |                  |                  |
|                 | 7   | H34    | 9,996     | 7,596     |               |          | 2,899  | 2,203  | 18     | 14   | 2,917  | 2,217  |                  |                  |
|                 | 8   | H35    | 11,300    | 8,257     |               |          | 2,896  | 2,116  | 19     | 14   | 2,915  | 2,130  |                  |                  |
|                 | 9   | H36    | 12,603    | 8,855     |               |          | 2,865  | 2,013  | 19     | 13   | 2,884  | 2,026  |                  |                  |
|                 | 10  | H37    | 13,892    | 9,385     |               |          | 2,862  | 1,933  | 20     | 14   | 2,882  | 1,947  |                  |                  |
|                 | 11  | H38    | 15,179    | 9,860     |               |          | 2,484  | 1,614  | 21     | 14   | 2,505  | 1,628  |                  |                  |
|                 | 12  | H39    | 16,297    | 10,179    |               |          | 2,528  | 1,579  | 23     | 14   | 2,551  | 1,593  |                  |                  |
|                 | 13  | H40    | 17,434    | 10,470    |               |          | 2,532  | 1,521  | 25     | 15   | 2,557  | 1,536  |                  |                  |
|                 | 14  | H41    | 18,573    | 10,725    |               |          | 2,626  | 1,516  | 29     | 17   | 2,655  | 1,533  |                  |                  |
|                 | 15  | H42    | 19,755    | 10,969    |               |          | 2,760  | 1,533  | 31     | 17   | 2,791  | 1,550  |                  |                  |
|                 | 16  | H43    | 20,996    | 11,210    |               |          | 2,624  | 1,401  | 35     | 19   | 2,659  | 1,420  |                  |                  |
|                 | 17  | H44    | 22,177    | 11,385    |               |          | 2,419  | 1,242  | 39     | 20   | 2,458  | 1,262  |                  |                  |
|                 | 18  | H45    | 23,265    | 11,484    |               |          | 2,019  | 997    | 44     | 22   | 2,063  | 1,019  |                  |                  |
|                 | 19  | H46    | 24,173    | 11,474    |               |          | 1,984  | 942    | 56     | 27   | 2,040  | 969    |                  |                  |
| 施設完成後の評価期間（50年） | 20  | H47    | 25,066    | 11,440    |               |          |        |        | 61     | 28   | 61     | 28     |                  |                  |
|                 | 21  | H48    | 25,066    | 11,000    |               |          |        |        | 61     | 27   | 61     | 27     |                  |                  |
|                 | 22  | H49    | 25,066    | 10,577    |               |          |        |        | 61     | 26   | 61     | 26     |                  |                  |
|                 | 23  | H50    | 25,066    | 10,170    |               |          |        |        | 61     | 25   | 61     | 25     |                  |                  |
|                 | 24  | H51    | 25,066    | 9,779     |               |          |        |        | 61     | 24   | 61     | 24     |                  |                  |
|                 | 25  | H52    | 25,066    | 9,403     |               |          |        |        | 61     | 23   | 61     | 23     |                  |                  |
|                 | 26  | H53    | 25,066    | 9,041     |               |          |        |        | 61     | 22   | 61     | 22     |                  |                  |
|                 | 27  | H54    | 25,066    | 8,693     |               |          |        |        | 61     | 21   | 61     | 21     |                  |                  |
|                 | 28  | H55    | 25,066    | 8,359     |               |          |        |        | 61     | 20   | 61     | 20     |                  |                  |
|                 | 29  | H56    | 25,066    | 8,037     |               |          |        |        | 61     | 20   | 61     | 20     |                  |                  |
|                 | 30  | H57    | 25,066    | 7,728     |               |          |        |        | 61     | 19   | 61     | 19     |                  |                  |
|                 | 31  | H58    | 25,066    | 7,431     |               |          |        |        | 61     | 18   | 61     | 18     |                  |                  |
|                 | 32  | H59    | 25,066    | 7,145     |               |          |        |        | 61     | 17   | 61     | 17     |                  |                  |
|                 | 33  | H60    | 25,066    | 6,870     |               |          |        |        | 61     | 17   | 61     | 17     |                  |                  |
|                 | 34  | H61    | 25,066    | 6,606     |               |          |        |        | 61     | 16   | 61     | 16     |                  |                  |
|                 | 35  | H62    | 25,066    | 6,352     |               |          |        |        | 61     | 15   | 61     | 15     |                  |                  |
|                 | 36  | H63    | 25,066    | 6,108     |               |          |        |        | 61     | 15   | 61     | 15     |                  |                  |
|                 | 37  | H64    | 25,066    | 5,873     |               |          |        |        | 61     | 14   | 61     | 14     |                  |                  |
|                 | 38  | H65    | 25,066    | 5,647     |               |          |        |        | 61     | 14   | 61     | 14     |                  |                  |
|                 | 39  | H66    | 25,066    | 5,430     |               |          |        |        | 61     | 13   | 61     | 13     |                  |                  |
|                 | 40  | H67    | 25,066    | 5,221     |               |          |        |        | 61     | 13   | 61     | 13     |                  |                  |
|                 | 41  | H68    | 25,066    | 5,020     |               |          |        |        | 61     | 12   | 61     | 12     |                  |                  |
|                 | 42  | H69    | 25,066    | 4,827     |               |          |        |        | 61     | 12   | 61     | 12     |                  |                  |
|                 | 43  | H70    | 25,066    | 4,641     |               |          |        |        | 61     | 11   | 61     | 11     |                  |                  |
|                 | 44  | H71    | 25,066    | 4,463     |               |          |        |        | 61     | 11   | 61     | 11     |                  |                  |
|                 | 45  | H72    | 25,066    | 4,291     |               |          |        |        | 61     | 10   | 61     | 10     |                  |                  |
|                 | 46  | H73    | 25,066    | 4,126     |               |          |        |        | 61     | 10   | 61     | 10     |                  |                  |
|                 | 47  | H74    | 25,066    | 3,968     |               |          |        |        | 61     | 10   | 61     | 10     |                  |                  |
|                 | 48  | H75    | 25,066    | 3,815     |               |          |        |        | 61     | 9    | 61     | 9      |                  |                  |
|                 | 49  | H76    | 25,066    | 3,668     |               |          |        |        | 61     | 9    | 61     | 9      |                  |                  |
|                 | 50  | H77    | 25,066    | 3,527     |               |          |        |        | 61     | 9    | 61     | 9      |                  |                  |
| 51              | H78 | 25,066 | 3,391     |           |               |          |        | 61     | 8      | 61   | 8      |        |                  |                  |
| 52              | H79 | 25,066 | 3,261     |           |               |          |        | 61     | 8      | 61   | 8      |        |                  |                  |
| 53              | H80 | 25,066 | 3,136     |           |               |          |        | 61     | 8      | 61   | 8      |        |                  |                  |
| 54              | H81 | 25,066 | 3,015     |           |               |          |        | 61     | 7      | 61   | 7      |        |                  |                  |
| 55              | H82 | 25,066 | 2,899     |           |               |          |        | 61     | 7      | 61   | 7      |        |                  |                  |
| 56              | H83 | 25,066 | 2,788     |           |               |          |        | 61     | 7      | 61   | 7      |        |                  |                  |
| 57              | H84 | 25,066 | 2,680     |           |               |          |        | 61     | 7      | 61   | 7      |        |                  |                  |
| 58              | H85 | 25,066 | 2,577     |           |               |          |        | 61     | 6      | 61   | 6      |        |                  |                  |
| 59              | H86 | 25,066 | 2,478     |           |               |          |        | 61     | 6      | 61   | 6      |        |                  |                  |
| 60              | H87 | 25,066 | 2,383     |           |               |          |        | 61     | 6      | 61   | 6      |        |                  |                  |
| 61              | H88 | 25,066 | 2,291     |           |               |          |        | 61     | 6      | 61   | 6      |        |                  |                  |
| 62              | H89 | 25,066 | 2,203     |           |               |          |        | 61     | 5      | 61   | 5      |        |                  |                  |
| 63              | H90 | 25,066 | 2,118     |           |               |          |        | 61     | 5      | 61   | 5      |        |                  |                  |
| 64              | H91 | 25,066 | 2,037     |           |               |          |        | 61     | 5      | 61   | 5      |        |                  |                  |
| 65              | H92 | 25,066 | 1,958     |           |               |          |        | 61     | 5      | 61   | 5      |        |                  |                  |
| 66              | H93 | 25,066 | 1,883     |           |               |          |        | 61     | 5      | 61   | 5      |        |                  |                  |
| 67              | H94 | 25,066 | 1,811     |           |               |          |        | 61     | 4      | 61   | 4      |        |                  |                  |
| 68              | H95 | 25,066 | 1,741     |           |               |          |        | 61     | 4      | 61   | 4      |        |                  |                  |
| 69              | H96 | 25,066 | 1,674     |           |               |          |        | 61     | 4      | 61   | 4      |        |                  |                  |
| 合計              |     |        | 1,505,164 | 409,312   | 1,125         | 410,437  | 48,832 | 33,987 | 3,496  | 900  | 52,328 | 34,887 |                  |                  |
|                 |     |        | 総便益       | 総費用       |               | 410,437  |        |        |        |      |        | 34,887 | 11.8             | 375,550          |

【感度分析】残事業（河川改修）

様式-5 費用対効果（資産+10%）

水系名：鳴瀬川 河川名：鳴瀬川・吉田川

| 年次              | t   | 年度     | 便益        |           |               |          | 費用     |        |        |       |        |        | 費用<br>便益比<br>B/C | 純現在<br>価値<br>B-C |
|-----------------|-----|--------|-----------|-----------|---------------|----------|--------|--------|--------|-------|--------|--------|------------------|------------------|
|                 |     |        | 河道        |           | 残存<br>価値<br>② | 計<br>①+② | 建設費③   |        | 維持管理費④ |       | 計③+④   |        |                  |                  |
|                 |     |        | 便益        | 現在価値<br>① |               |          | 費用     | 現在価値   | 費用     | 現在価値  | 費用     | 現在価値   |                  |                  |
| 整備期間（30年）       | -8  | H19    | 0         | 0         |               |          | 0      | 0      |        |       | 0      | 0      |                  |                  |
|                 | -7  | H20    | 0         | 0         |               |          | 0      | 0      | 0      | 0     | 0      | 0      |                  |                  |
|                 | -6  | H21    | 0         | 0         |               |          | 0      | 0      | 0      | 0     | 0      | 0      |                  |                  |
|                 | -5  | H22    | 0         | 0         |               |          | 0      | 0      | 0      | 0     | 0      | 0      |                  |                  |
|                 | -4  | H23    | 0         | 0         |               |          | 0      | 0      | 0      | 0     | 0      | 0      |                  |                  |
|                 | -3  | H24    | 0         | 0         |               |          | 0      | 0      | 0      | 0     | 0      | 0      |                  |                  |
|                 | -2  | H25    | 0         | 0         |               |          | 0      | 0      | 0      | 0     | 0      | 0      |                  |                  |
|                 | -1  | H26    | 0         | 0         |               |          | 0      | 0      | 0      | 0     | 0      | 0      |                  |                  |
|                 | 0   | H27    | 0         | 0         |               |          | 0      | 0      | 0      | 0     | 0      | 0      |                  |                  |
|                 | 1   | H28    | 0         | 0         |               |          | 2,592  | 2,492  | 0      | 0     | 2,592  | 2,492  |                  |                  |
|                 | 2   | H29    | 2,207     | 2,040     |               |          | 2,042  | 1,888  | 6      | 6     | 2,048  | 1,894  |                  |                  |
|                 | 3   | H30    | 3,945     | 3,507     |               |          | 2,059  | 1,830  | 11     | 10    | 2,070  | 1,840  |                  |                  |
|                 | 4   | H31    | 5,698     | 4,871     |               |          | 2,120  | 1,812  | 13     | 11    | 2,133  | 1,823  |                  |                  |
|                 | 5   | H32    | 7,503     | 6,167     |               |          | 2,483  | 2,041  | 13     | 11    | 2,496  | 2,052  |                  |                  |
|                 | 6   | H33    | 9,617     | 7,600     |               |          | 2,478  | 1,958  | 14     | 11    | 2,492  | 1,969  |                  |                  |
|                 | 7   | H34    | 10,797    | 8,205     |               |          | 2,470  | 1,877  | 15     | 11    | 2,485  | 1,888  |                  |                  |
|                 | 8   | H35    | 11,974    | 8,749     |               |          | 2,699  | 1,972  | 17     | 12    | 2,716  | 1,984  |                  |                  |
|                 | 9   | H36    | 13,260    | 9,316     |               |          | 2,595  | 1,823  | 17     | 12    | 2,612  | 1,835  |                  |                  |
|                 | 10  | H37    | 14,496    | 9,793     |               |          | 2,592  | 1,751  | 17     | 11    | 2,609  | 1,762  |                  |                  |
|                 | 11  | H38    | 15,731    | 10,219    |               |          | 2,608  | 1,694  | 18     | 12    | 2,626  | 1,706  |                  |                  |
|                 | 12  | H39    | 16,973    | 10,601    |               |          | 2,240  | 1,399  | 19     | 12    | 2,259  | 1,411  |                  |                  |
| 13              | H40 | 18,040 | 10,834    |           |               | 2,289    | 1,375  | 21     | 13     | 2,310 | 1,388  |        |                  |                  |
| 14              | H41 | 19,131 | 11,048    |           |               | 2,283    | 1,318  | 22     | 13     | 2,305 | 1,331  |        |                  |                  |
| 15              | H42 | 20,218 | 11,226    |           |               | 2,306    | 1,280  | 25     | 14     | 2,331 | 1,294  |        |                  |                  |
| 16              | H43 | 21,317 | 11,381    |           |               | 2,470    | 1,319  | 27     | 14     | 2,497 | 1,333  |        |                  |                  |
| 17              | H44 | 22,493 | 11,547    |           |               | 2,521    | 1,294  | 29     | 15     | 2,550 | 1,309  |        |                  |                  |
| 18              | H45 | 23,694 | 11,696    |           |               | 2,284    | 1,127  | 33     | 16     | 2,317 | 1,143  |        |                  |                  |
| 19              | H46 | 24,782 | 11,763    |           |               | 2,150    | 1,020  | 36     | 17     | 2,186 | 1,037  |        |                  |                  |
| 20              | H47 | 25,806 | 11,778    |           |               | 1,751    | 799    | 41     | 19     | 1,792 | 818    |        |                  |                  |
| 21              | H48 | 26,641 | 11,691    |           |               | 1,800    | 790    | 52     | 23     | 1,852 | 813    |        |                  |                  |
| 施設完成後の評価期間（50年） | 22  | H49    | 27,498    | 11,603    |               |          |        |        | 61     | 26    | 61     | 26     |                  |                  |
|                 | 23  | H50    | 27,498    | 11,157    |               |          |        |        | 61     | 25    | 61     | 25     |                  |                  |
|                 | 24  | H51    | 27,498    | 10,728    |               |          |        |        | 61     | 24    | 61     | 24     |                  |                  |
|                 | 25  | H52    | 27,498    | 10,315    |               |          |        |        | 61     | 23    | 61     | 23     |                  |                  |
|                 | 26  | H53    | 27,498    | 9,918     |               |          |        |        | 61     | 22    | 61     | 22     |                  |                  |
|                 | 27  | H54    | 27,498    | 9,537     |               |          |        |        | 61     | 21    | 61     | 21     |                  |                  |
|                 | 28  | H55    | 27,498    | 9,170     |               |          |        |        | 61     | 20    | 61     | 20     |                  |                  |
|                 | 29  | H56    | 27,498    | 8,817     |               |          |        |        | 61     | 20    | 61     | 20     |                  |                  |
|                 | 30  | H57    | 27,498    | 8,478     |               |          |        |        | 61     | 19    | 61     | 19     |                  |                  |
|                 | 31  | H58    | 27,498    | 8,152     |               |          |        |        | 61     | 18    | 61     | 18     |                  |                  |
|                 | 32  | H59    | 27,498    | 7,839     |               |          |        |        | 61     | 17    | 61     | 17     |                  |                  |
|                 | 33  | H60    | 27,498    | 7,537     |               |          |        |        | 61     | 17    | 61     | 17     |                  |                  |
|                 | 34  | H61    | 27,498    | 7,247     |               |          |        |        | 61     | 16    | 61     | 16     |                  |                  |
|                 | 35  | H62    | 27,498    | 6,968     |               |          |        |        | 61     | 15    | 61     | 15     |                  |                  |
|                 | 36  | H63    | 27,498    | 6,700     |               |          |        |        | 61     | 15    | 61     | 15     |                  |                  |
|                 | 37  | H64    | 27,498    | 6,443     |               |          |        |        | 61     | 14    | 61     | 14     |                  |                  |
|                 | 38  | H65    | 27,498    | 6,195     |               |          |        |        | 61     | 14    | 61     | 14     |                  |                  |
|                 | 39  | H66    | 27,498    | 5,957     |               |          |        |        | 61     | 13    | 61     | 13     |                  |                  |
|                 | 40  | H67    | 27,498    | 5,728     |               |          |        |        | 61     | 13    | 61     | 13     |                  |                  |
|                 | 41  | H68    | 27,498    | 5,507     |               |          |        |        | 61     | 12    | 61     | 12     |                  |                  |
|                 | 42  | H69    | 27,498    | 5,295     |               |          |        |        | 61     | 12    | 61     | 12     |                  |                  |
|                 | 43  | H70    | 27,498    | 5,092     |               |          |        |        | 61     | 11    | 61     | 11     |                  |                  |
|                 | 44  | H71    | 27,498    | 4,896     |               |          |        |        | 61     | 11    | 61     | 11     |                  |                  |
|                 | 45  | H72    | 27,498    | 4,708     |               |          |        |        | 61     | 10    | 61     | 10     |                  |                  |
|                 | 46  | H73    | 27,498    | 4,527     |               |          |        |        | 61     | 10    | 61     | 10     |                  |                  |
|                 | 47  | H74    | 27,498    | 4,352     |               |          |        |        | 61     | 10    | 61     | 10     |                  |                  |
|                 | 48  | H75    | 27,498    | 4,185     |               |          |        |        | 61     | 9     | 61     | 9      |                  |                  |
|                 | 49  | H76    | 27,498    | 4,024     |               |          |        |        | 61     | 9     | 61     | 9      |                  |                  |
|                 | 50  | H77    | 27,498    | 3,869     |               |          |        |        | 61     | 9     | 61     | 9      |                  |                  |
|                 | 51  | H78    | 27,498    | 3,720     |               |          |        |        | 61     | 8     | 61     | 8      |                  |                  |
|                 | 52  | H79    | 27,498    | 3,577     |               |          |        |        | 61     | 8     | 61     | 8      |                  |                  |
| 53              | H80 | 27,498 | 3,440     |           |               |          |        | 61     | 8      | 61    | 8      |        |                  |                  |
| 54              | H81 | 27,498 | 3,308     |           |               |          |        | 61     | 7      | 61    | 7      |        |                  |                  |
| 55              | H82 | 27,498 | 3,180     |           |               |          |        | 61     | 7      | 61    | 7      |        |                  |                  |
| 56              | H83 | 27,498 | 3,058     |           |               |          |        | 61     | 7      | 61    | 7      |        |                  |                  |
| 57              | H84 | 27,498 | 2,940     |           |               |          |        | 61     | 7      | 61    | 7      |        |                  |                  |
| 58              | H85 | 27,498 | 2,827     |           |               |          |        | 61     | 6      | 61    | 6      |        |                  |                  |
| 59              | H86 | 27,498 | 2,719     |           |               |          |        | 61     | 6      | 61    | 6      |        |                  |                  |
| 60              | H87 | 27,498 | 2,614     |           |               |          |        | 61     | 6      | 61    | 6      |        |                  |                  |
| 61              | H88 | 27,498 | 2,513     |           |               |          |        | 61     | 6      | 61    | 6      |        |                  |                  |
| 62              | H89 | 27,498 | 2,417     |           |               |          |        | 61     | 5      | 61    | 5      |        |                  |                  |
| 63              | H90 | 27,498 | 2,324     |           |               |          |        | 61     | 5      | 61    | 5      |        |                  |                  |
| 64              | H91 | 27,498 | 2,234     |           |               |          |        | 61     | 5      | 61    | 5      |        |                  |                  |
| 65              | H92 | 27,498 | 2,148     |           |               |          |        | 61     | 5      | 61    | 5      |        |                  |                  |
| 66              | H93 | 27,498 | 2,066     |           |               |          |        | 61     | 5      | 61    | 5      |        |                  |                  |
| 67              | H94 | 27,498 | 1,986     |           |               |          |        | 61     | 4      | 61    | 4      |        |                  |                  |
| 68              | H95 | 27,498 | 1,910     |           |               |          |        | 61     | 4      | 61    | 4      |        |                  |                  |
| 69              | H96 | 27,498 | 1,837     |           |               |          |        | 61     | 4      | 61    | 4      |        |                  |                  |
| 70              | H97 | 27,498 | 1,766     |           |               |          |        | 61     | 4      | 61    | 4      |        |                  |                  |
| 71              | H98 | 27,498 | 1,698     |           |               |          |        | 61     | 4      | 61    | 4      |        |                  |                  |
| 合 計             |     |        | 1,689,223 | 443,258   | 1,040         | 444,298  | 48,832 | 32,859 | 3,496  | 839   | 52,328 | 33,698 |                  |                  |
| 総便益/総費用         |     |        |           |           |               | 444,298  |        |        |        |       |        | 33,698 | 13.2             | 410,600          |

単位:百万円

【感度分析】残事業（河川改修）

様式-5 費用対効果（資産-10%）

水系名：鳴瀬川 河川名：鳴瀬川・吉田川

| 年次              | t   | 年度     | 便益        |           |               |          | 費用     |        |        |      |        |        | 費用<br>便益比<br>B/C | 純現在<br>価値<br>B-C |
|-----------------|-----|--------|-----------|-----------|---------------|----------|--------|--------|--------|------|--------|--------|------------------|------------------|
|                 |     |        | 河道        |           | 残存<br>価値<br>② | 計<br>①+② | 建設費③   |        | 維持管理費④ |      | 計③+④   |        |                  |                  |
|                 |     |        | 便益        | 現在価値<br>① |               |          | 費用     | 現在価値   | 費用     | 現在価値 | 費用     | 現在価値   |                  |                  |
| 整備期間（30年）       | -8  | H19    | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0      |                  |                  |
|                 | -7  | H20    | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0      |                  |                  |
|                 | -6  | H21    | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0      |                  |                  |
|                 | -5  | H22    | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0      |                  |                  |
|                 | -4  | H23    | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0      |                  |                  |
|                 | -3  | H24    | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0      |                  |                  |
|                 | -2  | H25    | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0      |                  |                  |
|                 | -1  | H26    | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0      |                  |                  |
|                 | 0   | H27    | 0         | 0         |               |          | 0      | 0      |        |      | 0      | 0      |                  |                  |
|                 | 1   | H28    | 0         | 0         |               |          | 2,592  | 2,492  |        |      | 0      | 0      | 2,592            | 2,492            |
|                 | 2   | H29    | 1,816     | 1,679     |               |          | 2,042  | 1,888  |        |      | 6      | 6      | 2,048            | 1,894            |
|                 | 3   | H30    | 3,247     | 2,887     |               |          | 2,059  | 1,830  |        |      | 11     | 10     | 2,070            | 1,840            |
|                 | 4   | H31    | 4,690     | 4,009     |               |          | 2,120  | 1,812  |        |      | 13     | 11     | 2,133            | 1,823            |
|                 | 5   | H32    | 6,175     | 5,075     |               |          | 2,483  | 2,041  |        |      | 13     | 11     | 2,496            | 2,052            |
|                 | 6   | H33    | 7,915     | 6,255     |               |          | 2,478  | 1,958  |        |      | 14     | 11     | 2,492            | 1,969            |
|                 | 7   | H34    | 8,887     | 6,753     |               |          | 2,470  | 1,877  |        |      | 15     | 11     | 2,485            | 1,888            |
|                 | 8   | H35    | 9,855     | 7,201     |               |          | 2,699  | 1,972  |        |      | 17     | 12     | 2,716            | 1,984            |
|                 | 9   | H36    | 10,913    | 7,667     |               |          | 2,595  | 1,823  |        |      | 17     | 12     | 2,612            | 1,835            |
|                 | 10  | H37    | 11,931    | 8,060     |               |          | 2,592  | 1,751  |        |      | 17     | 11     | 2,609            | 1,762            |
|                 | 11  | H38    | 12,947    | 8,410     |               |          | 2,608  | 1,694  |        |      | 18     | 12     | 2,626            | 1,706            |
|                 | 12  | H39    | 13,970    | 8,726     |               |          | 2,240  | 1,399  |        |      | 19     | 12     | 2,259            | 1,411            |
| 13              | H40 | 14,848 | 8,917     |           |               | 2,289    | 1,375  |        |        | 21   | 13     | 2,310  | 1,388            |                  |
| 14              | H41 | 15,746 | 9,093     |           |               | 2,283    | 1,318  |        |        | 22   | 13     | 2,305  | 1,331            |                  |
| 15              | H42 | 16,641 | 9,240     |           |               | 2,306    | 1,280  |        |        | 25   | 14     | 2,331  | 1,294            |                  |
| 16              | H43 | 17,545 | 9,367     |           |               | 2,470    | 1,319  |        |        | 27   | 14     | 2,497  | 1,333            |                  |
| 17              | H44 | 18,514 | 9,505     |           |               | 2,521    | 1,294  |        |        | 29   | 15     | 2,550  | 1,309            |                  |
| 18              | H45 | 19,502 | 9,627     |           |               | 2,284    | 1,127  |        |        | 33   | 16     | 2,317  | 1,143            |                  |
| 19              | H46 | 20,398 | 9,682     |           |               | 2,150    | 1,020  |        |        | 36   | 17     | 2,186  | 1,037            |                  |
| 20              | H47 | 21,241 | 9,694     |           |               | 1,751    | 799    |        |        | 41   | 19     | 1,792  | 818              |                  |
| 21              | H48 | 21,927 | 9,622     |           |               | 1,800    | 790    |        |        | 52   | 23     | 1,852  | 813              |                  |
| 施設完成後の評価期間（50年） | 22  | H49    | 22,633    | 9,550     |               |          |        |        |        |      | 61     | 26     | 61               | 26               |
|                 | 23  | H50    | 22,633    | 9,183     |               |          |        |        |        |      | 61     | 25     | 61               | 25               |
|                 | 24  | H51    | 22,633    | 8,830     |               |          |        |        |        |      | 61     | 24     | 61               | 24               |
|                 | 25  | H52    | 22,633    | 8,490     |               |          |        |        |        |      | 61     | 23     | 61               | 23               |
|                 | 26  | H53    | 22,633    | 8,163     |               |          |        |        |        |      | 61     | 22     | 61               | 22               |
|                 | 27  | H54    | 22,633    | 7,849     |               |          |        |        |        |      | 61     | 21     | 61               | 21               |
|                 | 28  | H55    | 22,633    | 7,548     |               |          |        |        |        |      | 61     | 20     | 61               | 20               |
|                 | 29  | H56    | 22,633    | 7,257     |               |          |        |        |        |      | 61     | 20     | 61               | 20               |
|                 | 30  | H57    | 22,633    | 6,978     |               |          |        |        |        |      | 61     | 19     | 61               | 19               |
|                 | 31  | H58    | 22,633    | 6,710     |               |          |        |        |        |      | 61     | 18     | 61               | 18               |
|                 | 32  | H59    | 22,633    | 6,452     |               |          |        |        |        |      | 61     | 17     | 61               | 17               |
|                 | 33  | H60    | 22,633    | 6,204     |               |          |        |        |        |      | 61     | 17     | 61               | 17               |
|                 | 34  | H61    | 22,633    | 5,965     |               |          |        |        |        |      | 61     | 16     | 61               | 16               |
|                 | 35  | H62    | 22,633    | 5,736     |               |          |        |        |        |      | 61     | 15     | 61               | 15               |
|                 | 36  | H63    | 22,633    | 5,515     |               |          |        |        |        |      | 61     | 15     | 61               | 15               |
|                 | 37  | H64    | 22,633    | 5,303     |               |          |        |        |        |      | 61     | 14     | 61               | 14               |
|                 | 38  | H65    | 22,633    | 5,099     |               |          |        |        |        |      | 61     | 14     | 61               | 14               |
|                 | 39  | H66    | 22,633    | 4,903     |               |          |        |        |        |      | 61     | 13     | 61               | 13               |
|                 | 40  | H67    | 22,633    | 4,714     |               |          |        |        |        |      | 61     | 13     | 61               | 13               |
|                 | 41  | H68    | 22,633    | 4,533     |               |          |        |        |        |      | 61     | 12     | 61               | 12               |
|                 | 42  | H69    | 22,633    | 4,359     |               |          |        |        |        |      | 61     | 12     | 61               | 12               |
|                 | 43  | H70    | 22,633    | 4,191     |               |          |        |        |        |      | 61     | 11     | 61               | 11               |
|                 | 44  | H71    | 22,633    | 4,030     |               |          |        |        |        |      | 61     | 11     | 61               | 11               |
|                 | 45  | H72    | 22,633    | 3,875     |               |          |        |        |        |      | 61     | 10     | 61               | 10               |
|                 | 46  | H73    | 22,633    | 3,726     |               |          |        |        |        |      | 61     | 10     | 61               | 10               |
|                 | 47  | H74    | 22,633    | 3,582     |               |          |        |        |        |      | 61     | 10     | 61               | 10               |
|                 | 48  | H75    | 22,633    | 3,445     |               |          |        |        |        |      | 61     | 9      | 61               | 9                |
|                 | 49  | H76    | 22,633    | 3,312     |               |          |        |        |        |      | 61     | 9      | 61               | 9                |
|                 | 50  | H77    | 22,633    | 3,185     |               |          |        |        |        |      | 61     | 9      | 61               | 9                |
|                 | 51  | H78    | 22,633    | 3,062     |               |          |        |        |        |      | 61     | 8      | 61               | 8                |
|                 | 52  | H79    | 22,633    | 2,944     |               |          |        |        |        |      | 61     | 8      | 61               | 8                |
| 53              | H80 | 22,633 | 2,831     |           |               |          |        |        |        | 61   | 8      | 61     | 8                |                  |
| 54              | H81 | 22,633 | 2,722     |           |               |          |        |        |        | 61   | 7      | 61     | 7                |                  |
| 55              | H82 | 22,633 | 2,618     |           |               |          |        |        |        | 61   | 7      | 61     | 7                |                  |
| 56              | H83 | 22,633 | 2,517     |           |               |          |        |        |        | 61   | 7      | 61     | 7                |                  |
| 57              | H84 | 22,633 | 2,420     |           |               |          |        |        |        | 61   | 7      | 61     | 7                |                  |
| 58              | H85 | 22,633 | 2,327     |           |               |          |        |        |        | 61   | 6      | 61     | 6                |                  |
| 59              | H86 | 22,633 | 2,238     |           |               |          |        |        |        | 61   | 6      | 61     | 6                |                  |
| 60              | H87 | 22,633 | 2,152     |           |               |          |        |        |        | 61   | 6      | 61     | 6                |                  |
| 61              | H88 | 22,633 | 2,069     |           |               |          |        |        |        | 61   | 6      | 61     | 6                |                  |
| 62              | H89 | 22,633 | 1,989     |           |               |          |        |        |        | 61   | 5      | 61     | 5                |                  |
| 63              | H90 | 22,633 | 1,913     |           |               |          |        |        |        | 61   | 5      | 61     | 5                |                  |
| 64              | H91 | 22,633 | 1,839     |           |               |          |        |        |        | 61   | 5      | 61     | 5                |                  |
| 65              | H92 | 22,633 | 1,768     |           |               |          |        |        |        | 61   | 5      | 61     | 5                |                  |
| 66              | H93 | 22,633 | 1,700     |           |               |          |        |        |        | 61   | 5      | 61     | 5                |                  |
| 67              | H94 | 22,633 | 1,635     |           |               |          |        |        |        | 61   | 4      | 61     | 4                |                  |
| 68              | H95 | 22,633 | 1,572     |           |               |          |        |        |        | 61   | 4      | 61     | 4                |                  |
| 69              | H96 | 22,633 | 1,512     |           |               |          |        |        |        | 61   | 4      | 61     | 4                |                  |
| 70              | H97 | 22,633 | 1,453     |           |               |          |        |        |        | 61   | 4      | 61     | 4                |                  |
| 71              | H98 | 22,633 | 1,398     |           |               |          |        |        |        | 61   | 4      | 61     | 4                |                  |
| 合 計             |     |        | 1,390,358 | 364,835   | 1,040         | 365,875  | 48,832 | 32,859 | 3,496  | 839  | 52,328 | 33,698 |                  |                  |
| 総便益/総費用         |     |        |           |           |               | 365,875  |        |        |        |      | 33,698 | 10.9   | 332,177          |                  |

単位:百万円

様式-6 事業費内訳

全体事業費内訳

事業費の内訳

|     |                     |
|-----|---------------------|
| 事業名 | 鳴瀬川直轄河川改修事業費（全体事業費） |
|-----|---------------------|

|      |        |     |
|------|--------|-----|
| 評価年度 | 平成27年度 | 再評価 |
|------|--------|-----|

| 区分       | 費目     | 工種        | 単位   | 数量        | 金額<br>(百万円) | 備考     |
|----------|--------|-----------|------|-----------|-------------|--------|
| 工事費      | 本工事費   |           | 式    | 1         | 52,728      |        |
|          |        |           | 式    | 1         | 40,339      |        |
|          |        | 築堤        | m3   | 2,802,000 | 18,206      |        |
|          |        | 特殊堤       | m    | 740       | 252         |        |
|          |        | 河道掘削      | m3   | 3,330,000 | 3,843       |        |
|          |        | 排水・揚水機場改築 | 基    | 7         | 3,550       |        |
|          |        | 堰改築       | 基    | 1         | 752         |        |
|          |        | 水路        | 基    | 10,300    | 110         |        |
|          |        | 残土処理      | m3   | 757,000   | 5,599       |        |
|          |        | 質的整備      | m    | 14,600    | 1,606       |        |
|          |        | 耐震対策      | m    | 2,500     | 2,500       |        |
|          |        | 二線堤       | 式    | 1         | 3,921       |        |
|          |        |           | 附帯工事 | 式         | 1           | 12,389 |
|          |        | 橋梁(道路)    | 箇所   | 6         | 2,944       |        |
|          | 橋梁(鉄道) | 箇所        | 1    | 4,396     |             |        |
|          | 樋門樋管   | 箇所        | 30   | 5,049     |             |        |
| 用地費及び補償費 |        |           | 式    | 1         | 7,328       |        |
|          | 用地費    |           | 式    | 1         | 2,444       |        |
|          | 補償費    |           | 式    | 1         | 4,884       |        |
| 間接経費     |        |           | 式    | 1         | 15,157      |        |
| 工事諸費     |        |           | 式    | 1         | 13,446      |        |
| 事業費計     |        |           | 式    | 1         | 88,659      |        |

様式-6 事業費内訳

残事業費内訳

事業費の内訳

|     |                    |
|-----|--------------------|
| 事業名 | 鳴瀬川直轄河川改修事業費（残事業費） |
|-----|--------------------|

|      |        |     |
|------|--------|-----|
| 評価年度 | 平成27年度 | 再評価 |
|------|--------|-----|

| 区分       | 費目   | 工種        | 単位     | 数量        | 金額<br>(百万円) | 備考    |       |
|----------|------|-----------|--------|-----------|-------------|-------|-------|
| 工事費      | 本工事費 |           | 式      | 1         | 26,868      |       |       |
|          |      |           | 式      | 1         | 17,163      |       |       |
|          |      | 築堤        | m3     | 263,000   | 1,711       |       |       |
|          |      | 特殊堤       | m      | 740       | 252         |       |       |
|          |      | 河道掘削      | m3     | 2,066,000 | 2,384       |       |       |
|          |      | 排水・揚水機場改築 | 基      | 7         | 3,136       |       |       |
|          |      | 堰改築       | 基      | 1         | 752         |       |       |
|          |      | 水路        | 基      | 5,000     | 53          |       |       |
|          |      | 残土処理      | m3     | 644,000   | 4,769       |       |       |
|          |      | 質的整備      | m      | 14,600    | 1,606       |       |       |
|          |      | 耐震対策      | m      | 2,500     | 2,500       |       |       |
|          |      | 二線堤       | 式      | -         | 0           |       |       |
|          |      |           | 附帯工事   |           | 式           | 1     | 9,705 |
|          |      |           | 橋梁(道路) | 箇所        | 6           | 2,944 |       |
|          |      | 橋梁(鉄道)    | 箇所     | 1         | 4,396       |       |       |
|          |      | 樋門樋管      | 箇所     | 14        | 2,365       |       |       |
| 用地費及び補償費 |      |           | 式      | 1         | 3,221       |       |       |
|          | 用地費  |           | 式      | 1         | 1,012       |       |       |
|          | 補償費  |           | 式      | 1         | 2,209       |       |       |
| 間接経費     |      |           | 式      | 1         | 9,714       |       |       |
| 工事諸費     |      |           | 式      | 1         | 9,029       |       |       |
| 事業費計     |      |           | 式      | 1         | 48,832      |       |       |

様式-6 事業費内訳

当面事業費内訳

事業費の内訳

|     |                     |
|-----|---------------------|
| 事業名 | 鳴瀬川直轄河川改修事業費（当面事業費） |
|-----|---------------------|

|      |        |     |
|------|--------|-----|
| 評価年度 | 平成27年度 | 再評価 |
|------|--------|-----|

| 区分       | 費目     | 工種        | 単位   | 数量      | 金額<br>(百万円) | 備考    |
|----------|--------|-----------|------|---------|-------------|-------|
| 工事費      | 本工事費   |           | 式    | 1       | 6,124       |       |
|          |        |           | 式    | 1       | 4,243       |       |
|          |        | 築堤        | m3   | 70,000  | 452         |       |
|          |        | 特殊堤       | m    | -       | 0           |       |
|          |        | 河道掘削      | m3   | 769,000 | 888         |       |
|          |        | 排水・揚水機場改築 | 基    | 1       | 1,265       |       |
|          |        | 堰改築       | 基    | -       | 0           |       |
|          |        | 水路        | 基    | 800     | 9           |       |
|          |        | 残土処理      | m3   | 109,000 | 809         |       |
|          |        | 質的整備      | m    | 2,900   | 320         |       |
|          |        | 耐震対策      | m    | 500     | 500         |       |
|          |        | 二線堤       | 式    | -       | 0           |       |
|          |        |           | 附帯工事 | 式       | 1           | 1,881 |
|          |        | 橋梁(道路)    | 箇所   | -       | 0           |       |
|          | 橋梁(鉄道) | 箇所        | -    | 628     |             |       |
|          | 樋門樋管   | 箇所        | 7    | 1,253   |             |       |
| 用地費及び補償費 |        |           | 式    | 1       | 504         |       |
|          | 用地費    |           | 式    | 1       | 436         |       |
|          | 補償費    |           | 式    | 1       | 68          |       |
| 間接経費     |        |           | 式    | 1       | 2,543       |       |
| 工事諸費     |        |           | 式    | 1       | 2,125       |       |
| 事業費計     |        |           | 式    | 1       | 11,296      |       |