TABLES

FOR

APPENDIX XIII

Table XIII.3-1 Results of Survey on Undang and Openg Floods (1)

| No. of Survey Points | Undang Flood | | | | | | | | Openg Flood | | | | | | | | Ramarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Inundation Water Depth (m) | | | | FWL (m) | Duration of Inundation | | | Inundation Water Depth (m) | | | | FWL (m) | Duration of Inundation | | | |
| | House | Road | Paddy | Others | | House | Road | Paddy | House | Road | Paddy | Others | | House | Road | Paddy | |
| 1 | 0.6 | | | | | 1 day | | | | | | | | | | | |
| 2 | | 0.4 | | | 22.4 | | | | | | | | | | | | |
| 3 | | -0.8 | | | 22.6 | | | | | 0.2 | | | 23.6 | | | | |
| 4 | | ±0 | | | 22.9 | | | | | 0.4 | | | 23.3 | | | | |
| 5 | 2.2 | | | | 23.0 | | | | | | | | | | | | |
| 6 | | -0.9 | | | 21.7 | | | | | | | | | | | | |
| 7 | 0.65 | | | | 21.75 | 2 days | | 1 week | 1.7 | | | | 22.8 | 3 days | | | |
| 8 | | -0.5 | | | 22.0 | | | | | | | | | | | | |
| 9 | | 1.0 | | | 26.2 | | | | | 2.5 | | | 27.7 | | | | |
| 10 | 2.4 | | | | 27.2 | 2 days | | | 4.4 | | | | 29.2 | | | | |
| 11 | | 2.2 | | | 27.7 | | | | | | | | | | | | |
| 12 | 0.65 | | | | 24.2 | | | | 0.65 | | | | 24.2 | | | | |
| 13 | | | | | 23.4 | | | | | | | | | | | | by MPWH |
| 14 | | | | | 22.87 | | | | | | | | | | | | by MPWH |
| 15 | | | | -1.0 R.B | 23.0 | | | | | | | ±0 R.B | 24.0 | | | | R.B=River bank |
| 16 | | -0.15 | | | 19.95 | | | | | | | | | | | | by MPWH |
| 17 | 0.5 | | | | 19.1 | 2 days | | 2 days | 1.4 | | | | 20.0 | 1.5 days | | | |
| 18 | 0.8 | | | | 19.4 | 1 day | | 3 days | 1.3 | | | | 19.9 | | | | |
| 19 | 2.5 | | | | 19.6 | 2 days | | 3 days | | | | | | | | | |
| 20 | | | | | 20.59 | | | | | | | | | | | | by MPWH |
| 21 | 0.5 | | | | 19.9 | 0.5 days | | 1 week | 1.6 | | | | 21.0 | | | | |
| 22 | | ±0 | | | 20.0 | | 2 days | 1 week | | -0.4 | | | 19.6 | | | | |
| 23 | 1.3 | | | | 19.3 | 2 days | | | 1.5 | | | | 19.5 | 3 days | | | |
| 24 | | 0.8 | | | 27.2 | | 1 day | 2 days | | 0.8 | | | 27.2 | | | | |
| 25 | | -0.1 | | | 26.4 | | | | | | | | | | | | |
| 26 | | -1.5 | | | 25.0 | | | | | | | | | | | | |
| 27 | 0.3 | | | | 25.4 | 7 hours | | | | | | | | | | 3 days | |
| 28 | | -0.4 | | | 24.4 | | 1 day | 3 days | | | | | | | | | |
| 29 | | 0.3 | | | 24.4 | | 1 day | 3 days | | | | | | | | | |

(Continue)

Table XIII.3-1 Results of Survey on Undang and Openg Floods (2)

| No. of Survey Points | Undang Flood | | | | | | | | Openg Flood | | | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Inundation Water Depth (m) | | | | FWL (m) | Duration of Inundation | | | Inundation Water Depth (m) | | | | FWL (m) | Duration of Inundation | | | |
| | House | Road | Paddy | Others | | House | Road | Paddy | House | Road | Paddy | Others | | House | Road | Paddy | |
| 30 | 1.5 | | | | 25.1 | 1.5 days | | | 1.5 | | | | 25.1 | 1.5 days | | | |
| 31 | | -0.55 | | | 24.25 | | | 1 day | | 0.15 | | | 24.95 | | | | |
| 32 | | -0.8 | 1.5 | | 23.5 | | | 1 week | | | | | | | | | |
| 33 | | | | | 23.4 | | | | | | | | | | | | by MPWH |
| 34 | | 0.2 | | | 21.7 | | | 1 week | | | | | | | | | |
| 35 | | | | -0.3 R.W | 23.5 | | | 1 day | | | | -0.8 R.W | 23.0 | | | | R.W=Railway |
| 36 | | | | -0.5 R.W | 21.2 | | | 1 day | | | | -1.0 R.W | 20.7 | | | | R.W=Railway |
| 37 | 2.0 | | | | 20.3 | | | | 1.9 | | | | 20.2 | | | | |
| 38 | 3.2 | 0.9 | | | 20.05 | 2 days | | | 3.2 | | | | 20.05 | 2 days | | | |
| 39 | | 1.5 | | | 20.0 | | 1 day | 2 days | | | | | | | | | |
| 40 | | | | | 19.03 | | | | | | | | | | | | by MPWH |
| 41 | | 1.9 | | | 18.9 | | | | | | | | | | | | |
| 42 | | 0.8 | | | 17.9 | | 2 days | 1 week | | | | | | | | | |
| 43 | | 0.4 | | | 17.9 | | 2 days | 1 week | | 1.9 | | | 19.4 | | | | |
| 44 | 3.3 | | | | 18.7 | 4 days | | | 4.0 | | | | 19.4 | 1 week | | | |
| 45 | 2.5 | | | | 18.0 | | | | | | | | | | | | |
| 46 | 2.6 | | | | 19.0 | 2 days | | | 3.3 | | | | 19.7 | 3 days | | | |
| 47 | 2.7 | | | | 19.1 | 2 days | | | | | | | | | | | |
| 48 | 2.6 | | | | 17.7 | 1.5 days | | | 3.3 | | | | 18.4 | | | | |
| 49 | | | | | 16.95 | | | | | | | | | | | | by MPWH |
| 50 | | | | | 15.68 | | | | | | | | | | | | by MPWH |
| 51 | | | | | 37.5 | | | 2 days | | | | | 40.0 | | | 1 week | |
| 52 | | | 1.0 | | 35.0 | | | 2 days | | | | | | | | | |
| 53 | | -0.5 | | | 31.0 | | | | | | | | | | | | |
| 54 | | | | | | | | | | 1.0 | | | 33.0 | | 6 hours | | |
| 55 | | | | | | | | | | 1.0 | | | 32.0 | | 8 hours | | |
| 56 | | ±0 | | | 31.8 | | | 3 days | | 0.9 | | | 32.9 | | | | |
| 57 | | | | | | | | | | 0.5 | | | 32.4 | | | | |
| 58 | | 0.3 | | | 30.5 | | | | | 2.5 | | | 32.7 | | 4 hours | | |

(Continue)

Table XIII.3-1 Results of Survey on Undang and Openg Floods (3)

| No. of Survey Points | Undang Flood | | | | | | | | Openg Flood | | | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Inundation Water Depth (m) | | | | FWL (m) | Duration of Inundation | | | Inundation Water Depth (m) | | | | FWL (m) | Duration of Inundation | | | |
| | House | Road | Paddy | Others | | House | Road | Paddy | House | Road | Paddy | Others | | House | Road | Paddy | |
| 59 | | | | | | | | | | 2.0 | | | 32.8 | 5 hours | | | |
| 60 | 1.0 | | | | 26.3 | 4 hours | | | 1.5 | | | | 26.8 | 1 day | | | |
| 61 | | | | | 26.2 | | | | | | | | | | | | by MPWH |
| 62 | 0.6 | | | | 26.1 | 12 hours | | 4 days | 1.0 | | | | 26.5 | 1 week | | | |
| 63 | ±0 | | | | 24.75 | 1 day | | | 0.4 | | | | 25.15 | | | | |
| 64 | | 1.8 | | | 22.8 | | 1 day | | | | | | | | | | by MPWH |
| 65 | | 0.4 | | | 21.0 | | 1 day | | | | | | | | | | |
| 66 | 1.6 | | | | 20.65 | 1 day | | | | | | | | | | | |
| 67 | 0.9 | | | | 20.3 | 1 day | | | 1.9 | | | | 21.3 | 1 day | | | |
| 68 | | 0.3 | | | 19.8 | | | | | | | | | | | | by MPWH |
| 69 | 1.5 | | | | 18.5 | 3 days | 1 days | 1 week | 1.5 | | | | 18.5 | | | | |
| 70 | | 0.3 | | | 18.4 | | | | | | | | | | | | by MPWH |
| 71 | 0.8 | | | | 17.9 | 2 days | | 5 days | | | | | | | | | |
| 72 | | 0.4 | | | 18.2 | | 1 day | | | | | | | | | | |
| 73 | | ±0 | | | 18.2 | 1 day | | 5 days | | | | | | | | | |
| 74 | 0.4 | | | | 18.3 | 1 day | | | | | | | | | | | |
| 75 | 0.85 | | | | 17.25 | 1 day | | 4 days | 0.85 | | | | 17.25 | | | | |
| 76 | ±0 | | | | 16.9 | | | 2 days | 0.9 | | | | 17.8 | 1 week | | | |
| 77 | | 1.2 | | | 18.0 | | 12 hours | | | 1.5 | | | 18.3 | | | | |
| 78 | 0.5 | | | | 18.5 | 1 day | | 2 days | 0.5 | | | | 18.5 | | | | |
| 79 | | 0.3 | | | 17.1 | | 3 days | 1 week | | | | | | | | | |
| 80 | | | | | | | | 2 days | | | | | | | | | |
| 81 | | | | | | | | 4 days | | | | | | | | | |
| 82 | 0.1 | | | | 17.2 | 2 days | | | | | | | | | | | |
| 83 | | -0.2 | | | 16.9 | 1 day | | 2 days | | 0.15 | | | | 17.25 | | | |
| 84 | 0.3 | | | | 16.0 | 1 day | | 1 day | | | | | | | | | |
| 85 | | 0.3 | | | 15.5 | | | | | | | | | | | | by MPWH |
| 86 | | 0.1 | | | 15.3 | 2 days | | | | ±0 | | | 15.2 | | | | |
| 87 | | ±0 | | | 15.6 | | | | | 0.35 | | | | 15.95 | | | |

(Continue)

Table XIII.3-1 Results of Survey on Undang and Openg Floods (4)

| No. of Survey Points | Undang Flood | | | | | | | Openg Flood | | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Inundation Water Depth (m) | | | | FWL (m) | Duration of Inundation | | | Inundation Water Depth (m) | | | FWL (m) | Duration of Inundation | | | |
| | House | Road | Paddy | Others | | House | Road | Paddy | House | Road | Paddy | Others | | House | Road | Paddy | |
| 88 | | -0.2 | | | 14.5 | | | | | ±0 | | | 14.7 | | | | |
| 89 | ±0 | | | | 13.1 | | | | 0.2 | | | | 13.3 | | | | |
| 90 | 1.15 | | | | 13.15 | 1 day | | | 1.6 | | | | 13.6 | 4 days | | | |
| 91 | | | | 0.6 bridge | 13.0 | | | | | | | | | | | | |
| 92 | | ±0 | | | 12.8 | | | | | 0.9 | | | 13.7 | | | | |
| 93 | | | | | | | | | | 0.1 | | | 13.6 | | | | |
| 94 | 1.3 | | | | 13.6 | 3 days | | | | | | | | | | | |
| 95 | | | | | | | | | 0.4 | | | | 13.8 | 1 day | | | |
| 96 | | 2.2 | | | 13.8 | | 2 weeks | | | | | | | | | | |
| 97 | 1.5 | | | | 13.5 | 3 days | | 2 weeks | 2.2 | | | | 14.2 | | | | |
| 98 | | ±0 | | | 13.5 | 2 days | | | | 0.6 | | | 14.1 | 1 week | | | |
| 99 | | ±0 | | | 12.8 | 2 days | | 5 days | | | | | | | | | |
| 100 | Not inundated | | | | | | | | | | | | | | | | |
| 101 | | | | | 13.01 | | | | | | | | | | | | by MPWH |
| 102 | 0.85 | | | | 12.95 | | | 1 week | 1.9 | | | | 14.0 | | | 2 weeks | |
| 103 | 1.1 | | | | 13.2 | 3 days | | 5 days | | | | | | | | | |
| 104 | 0.9 | | | | 12.6 | | | | 2.1 | | | | 13.8 | | | | |
| 105 | 0.6 | | | | 12.8 | | | | 1.6 | | | | 13.8 | | | | |
| 106 | ±0 | | | | 13.15 | | | | | | | | | | | | |
| 107 | 0.7 | | | | 13.15 | 2 days | | | 1.9 | | | | 14.35 | 1 week | | | |
| 108 | | | | | 13.3 | | 1 day | | | | | | 14.5 | | | | |
| 109 | 1.8 | | | | 13.9 | | | | 3.0 | | | | 15.1 | | | | |
| 110 | | 0.45 | | | 13.05 | | | | | | | | | | | | by MPWH |
| 111 | 1.8 | | | | 13.2 | | | | 3.6 | | | | 15.0 | | | | |
| 112 | 0.4 | | | | 12.9 | | | | | | | | | | | | |
| 113 | 1.1 | | | | 12.75 | 1 week | | | 1.8 | | | | 13.45 | | 1 week | | |
| 114 | | 1.67 | | | 15.6 | | | | | | | | | | | | by MPWH |
| 115 | | 1.2 | | | 15.2 | | | | | | | | | | | | by MPWH |
| 116 | 2.1 | | | | 13.8 | 1.5 days | | 3 days | 2.3 | | | | 14.0 | | | | |

(Continue)

Table XIII.3-1 Results of Survey on Undang and Openg Floods (5)

| No. of Survey Points | Undang Flood | | | | | | | | Openg Flood | | | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Inundation Water Depth (m) | | | | FWL (m) | Duration of Inundation | | | Inundation Water Depth (m) | | | | FWL (m) | Duration of Inundation | | | |
| | House | Road | Paddy | Others | | House | Road | Paddy | House | Road | Paddy | Others | | House | Road | Paddy | |
| 117 | 0.6 | | | | 13.6 | 2 days | | | 1.5 | | | | 14.5 | 4 days | | | |
| 118 | | | | | 13.6 | | | | | | | | | | | | by MPWH |
| 119 | 1.8 | | | | 13.5 | 3 days | | 1 week | 2.8 | | | | 14.5 | | | | |
| 120 | 1.2 | | | | 13.5 | 2 days | | | 1.95 | | | | 14.25 | 4 days | | | |
| 121 | | 1.8 | | | 13.5 | | | | | | | | | | | | |
| 122 | 2.2 | | | | 12.9 | 5 days | | 1 week | 3.2 | | | | 13.9 | | | | |
| 123 | | | | | 13.53 | | | | | | | | | | | | by MPWH |
| 124 | | | | | 13.06 | | | | | | | | | | | | by MPWH |
| 125 | | | | | 12.67 | | | | | | | | | | | | by MPWH |
| 126 | | | 1.3 | | 11.8 | | | 4 days | | | 2.1 | | 12.6 | | | 1 week | |
| 127 | | | | | 12.18 | | | | | | | | | | | | by MPWH |
| 128 | 0.15 | | | | 10.45 | 12 hours | | 1 week | 1.65 | | | | 11.95 | 2 days | | 2 weeks | |
| 129 | | 0.2 | | | 19.4 | | 1 day | | | | | | | | | | |
| 130 | 0.4 | | | | 19.4 | 1 day | | | 0.4 | | | | 19.4 | | | | |
| 131 | 0.5 | | | | 18.8 | | | 1 day | 0.5 | | | | 18.8 | | | | |
| 132 | | 0.1 | | | 16.2 | | | 1 day | | | | | | | | | |
| 133 | | ±0 | | | 13.6 | | | 1 week | | | | | | | | | |
| 134 | | 1.5 | | | 13.4 | | 3 days | 1 week | | | | | | | | | |
| 135 | 0.3 | | | | 13.1 | | | 1 week | | | | | | | | | |
| 136 | 0.7 | | | | 13.2 | 12 hours | | 1 day | 0.5 | | | | 13.0 | | | | |
| 137 | 0.7 | | | | 11.4 | 3 days | | 1 week | 1.6 | | | | 12.3 | | | | |
| 138 | | ±0 | | | 13.0 | | | | | | | | | | | | |
| 139 | | | 2.5 | | 10.5 | | | 1 week | | | | | | | | | |
| 140 | 1.0 | | | | 11.0 | 3 days | | 1 week | 1.3 | | | | 11.3 | | | | |
| 141 | | | | | 11.0 | | | 2 days | | | | | | | | | |
| 142 | | 1.0 | | | 12.0 | | | | | | | | | | | | |
| 143 | 1.0 | | | | 11.5 | 1 day | | 3 days | | | | | | | | | |
| 144 | -0.3 | | | | 12.0 | | | 4 days | | | | | | | | | |
| 145 | 1.3 | | | | 12.3 | 1 day | | | 1.0 | | | | 12.0 | | | | |

(Continue)

Table XIII.3-1 Results of Survey on Undang and Openg Floods (6)

| No. of Survey Points | Undang Flood | | | | | | | | Openg Flood | | | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Inundation Water Depth (m) | | | | FWL (m) | Duration of Inundation | | | Inundation Water Depth (m) | | | | FWL (m) | Duration of Inundation | | | |
| | House | Road | Paddy | Others | | House | Road | Paddy | House | Road | Paddy | Others | | House | Road | Paddy | |
| 146 | 0.4 | | | | 18.4 | 1 day | | 3 days | | | | | | | | | |
| 147 | | 1.05 | | | 11.55 | | 1 day | | | 1.25 | | | 11.75 | | | | |
| 148 | 0.85 | | | | 15.5 | 1 day | | 1.5 days | 0.85 | | | | 15.5 | | | | |
| 149 | | 0.2 | | | 15.7 | | | 1 day | | 0.2 | | | 15.7 | | | | |
| 150 | 1.6 | | | | 11.6 | | | | | | | | | | | | |
| 151 | 1.1 | | | | 11.6 | 2 days | | | 1.9 | | | | 12.4 | | | | |
| 152 | 0.3 | | | | 11.3 | 12 hours | | | | | | | | | | | |
| 153 | 0.2 | | | | 10.6 | | 1 week | 10 days | 0.2 | | | | 10.6 | | | | |
| 154 | | | | | 11.0 | | | | | | | | | | | | |
| 155 | | | 3.7 | | 10.8 | | | 1 week | | | 4.2 | | 11.3 | | | 10 days | |
| 156 | 0.7 | | | | 10.3 | | | 3 days | 2.3 | | | | 11.7 | | | 1 week | |
| 157 | 1.6 | | | | 10.8 | | | 3 days | | | | | | | | | |
| 158 | | 1.0 | | | 10.0 | | | 5 days | | | | | | | | | |
| 159 | | | 3.3 | | 10.5 | | | 5 days | | | 4.5 | | 11.7 | | | 8 days | |
| 160 | 2.2 | | | | 9.8 | 5 days | | 1 week | 1.8 | | | | 9.4 | | | | |
| 161 | | 2.4 | | | 9.0 | | 1 week | | | | | | | | | | by MPWH |
| 162 | | 2.1 | | | 8.7 | | 5 days | 1 week | | | | | | | | | |
| 163 | | | 2.3 | | 8.8 | | | 1 week | | | 3.1 | | 9.6 | | | 2 weeks | |
| 164 | 1.0 | | | | 9.4 | 4 days | 5 days | | | | | | | | | | |
| 165 | 0.6 | | | | 9.8 | 1.5 days | | 1 week | 1.5 | | | | 10.7 | | | | |
| 166 | | | 1.2 | | 7.6 | | | 4 days | | | 2.4 | | 8.8 | | | 1 week | |
| 167 | | | 1.3 | | 7.7 | | | | | | 2.15 | | 8.55 | | | | |
| 168 | Not inundated | | | | | | | | Not inundated | | | | | | | | |
| 169 | 1.5 | | | | 8.0 | 5 days | | | 2.7 | | | | 9.2 | 2 weeks | | | |
| 170 | Not inundated | | | | | | | | | | | | | | | | |
| 171 | 1.2 | | | | 7.8 | 3 days | | 1 week | | | | | | | | | |
| 172 | Not inundated | | | | | | | | | | | | | | | | |
| 173 | 2.0 | | | | 7.1 | | | 10 days | 2.8 | | | | 7.9 | | | 1 week | |
| 174 | 1.2 | | | | 7.1 | 1 week | | | 2.3 | | | | 8.2 | 1 week | | | |

(Continue)

Table XIII.3-1 Results of Survey on Undang and Openg Floods (7)

| No. of Survey Point | Undang Flood | | | | | | | | Openg Flood | | | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Inundation Water Depth (m) | | | | FWL (m) | Duration of Inundation | | | Inundation Water Depth (m) | | | | FWL (m) | Duration of Inundation | | | |
| | House | Road | Paddy | Others | | House | Road | Paddy | House | Road | Paddy | Others | | House | Road | Paddy | |
| 175 | 1.1 | | | | 7.3 | 3 days | | 1 week | | | | | | | | | |
| 176 | | 0.7 | | | 7.3 | 5 days | | | | 0.9 | | | 7.5 | 1 week | | | |
| 177 | | | | | 6.91 | | | | | | | | | | | | by MPWH |
| 178 | 0.7 | | | | 6.2 | 2 days | | | 1.5 | | | | 7.0 | 1 week | | | |
| 179 | 0.7 | | | | 7.0 | 1 week | | 1 week | 0.9 | | | | 7.2 | | | | |
| 180 | | 0.3 | | | 6.7 | | 2 days | | | | | | | | | | by MPWH |
| 181 | 0.8 | | | | 4.4 | | | 2 weeks | 1.0 | | | | 4.6 | | | | |
| 182 | 0.8 | | | | 4.7 | | 1 week | | 1.3 | | | | 5.2 | | 2 weeks | | |
| 183 | | | | | 4.4 | | | | | | | | | | | | by MPWH |
| 184 | | 0.3 | | | 4.3 | 1 week | 3 days | 4 days | | 1.1 | | | 5.1 | 1 week | 3 days | 5 days | |
| 185 | ±0 | | | | 3.05 | | | 1 week | 2.05 | | | | 5.1 | 1 week | | 3 weeks | |
| 186 | | 0.3 | | | 2.8 | | 2 days | | | | | | | | | | by MPWH |
| 187 | | ±0 | | | 2.6 | | | | | | | | | | | | by MPWH |
| 188 | 1.3 | | | | 3.1 | | 3 days | 1 week | 2.4 | | | | 4.2 | | 3 days | 2 weeks | |
| 189 | 0.5 | | | | 2.4 | 4 days | | 12 days | 1.5 | | | | 3.4 | 12 days | | 16 days | |
| 190 | 0.9 | | | | 2.3 | 12 days | | 16 days | 0.9 | | | | 2.3 | 7 days | | 10 days | |
| 191 | | 1.0 | | | 3.0 | | 3 days | 1 week | | 2.0 | | | 4.0 | | 1 week | | |
| 192 | | 0.6 | | | 2.3 | | 2 days | | | | | | | | | | by MPWH |
| 193 | 0.8 | | | | 2.5 | 10 days | | | 0.6 | | | | 2.3 | | | | |
| 194 | 1.75 | | | | 2.95 | 1 week | | | 1.35 | | | | 2.55 | 5 days | | | |
| 195 | | 0.4 | | | 3.1 | | | | | | | | | | | | |
| 196 | | | | | 3.03 | | | | | | | | | | | | by MPWH |
| 197 | 1.4 | | | | 3.4 | 1 week | | | 1.7 | | | | 3.7 | 2 weeks | | | |
| 198 | | 1.35 | | | 3.55 | | | | | | | | | | | | by MPWH |
| 199 | Not inundated | | | | | | | | | | | | | | | | |
| 200 | 0.6 | | | | 2.4 | | | | | | | | | | | | |
| 201 | | 1.2 | | | 3.1 | | 4 days | | | | | | | | | | by MPWH |
| 202 | 0.4 | | | | 3.4 | 1 day | | | 0.6 | | | | 3.6 | 4 days | | | |
| 203 | | 0.2 | | | 2.9 | | 3 days | | | | | | | | | | by MPWH |

(Continue)

Table XIII.3-1 Results of Survey on Undang and Openg Floods (8)

| No. of Survey Points | Undang Flood | | | | | | | | Openg Flood | | | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Inundation Water Depth (m) | | | | FWL (m) | Duration of Inundation | | | Inundation Water Depth (m) | | | | FWL (m) | Duration of Inundation | | | |
| | House | Road | Paddy | Others | | House | Road | Paddy | House | Road | Paddy | Others | | House | Road | Paddy | |
| 204 | | | | | 3.4 | | | | | | | | | | | | by MPWH |
| 205 | 1.1 | | | | 4.0 | | | | 0.7 | | | | 3.6 | | | | |
| 206 | | 0.35 | | | 3.15 | | 1 day | | | | | | | | | | by MPWH |
| 207 | | 0.4 | | | 3.3 | | 4 days | 5 days | | 0.8 | | | 3.7 | | | | |
| 208 | 0.4 | | | | 4.1 | 3 days | | 1 week | 0.6 | | | | 4.3 | | | | |
| 209 | | 0.4 | | | 3.5 | | 3 days | | | | | | | | | | by MPWH |
| 210 | | 0.5 | | | 2.8 | | 4 days | | | | | | | | | | by MPWH |
| 211 | | 0.45 | | | 2.65 | | 2 days | | | | | | | | | | by MPWH |
| 212 | 0.7 | | | | 2.5 | 3 days | | | 1.1 | | | | 2.9 | 1 week | | | |
| 213 | 0.5 | | | | 1.9 | 2 weeks | | | 0.3 | | | | 1.7 | | | | |
| 214 | | | | 0.1 Dike | 2.4 | 10 days | | | | | | | | | | | |
| 215 | | | | 0.4* Dike | 2.1* | | | | | | | | | | | | |
| 216 | 0.6* | | | | 2.3* | 30 min.* | | | | | | | | | | | |
| 217 | | | | ±0 Dike<br>1.4* Dike | 2.0<br>3.4* | | | | | | | | | | | | |
| 218 | 1.1 | | | | 2.6 | 1 week | | | | | | | | | | | |
| 219 | 1.0 | | | | 3.0 | | | 1 week | 0.8 | | | | 2.8 | | | | |
| 220 | 1.0<br>0.3* | | | | 2.6<br>1.9* | 1 week | | | 1.3 | | | | 2.9 | | | | |
| 221 | 0.8 | | | | 2.6 | 2 days | | | | | | | | | | | |
| 222 | 0.9 | | | | 2.3 | 3 days | | | 0.5 | | | | 1.9 | 3 days | | | |
| 223 | 0.65 | | | | 1.95 | 3 days | | | | | | | | | | | |
| 224 | 0.5 | | | | 2.6 | 1 week | | | | | | | | | | | |
| 225 | | | | 1.0* Dike | 2.7* | 1 hour* | | | | | | | | | | | |
| 226 | | | | 1.9* Dike | 3.9* | 1 hour* | | | | | | | | | | | |
| 227 | 0.9 | | | | 2.6 | 1 day | | | | | | | | | | | |
| 228 | 1.85 | | | | 3.45 | 4 days | | 4 days | | | | | | | | | |
| 229 | 0.7 | | | | 2.4 | 3 days | | | | | | | | | | | |
| 230 | 0.4 | | | | 2.4 | | 2 days | | 1.3 | | | | 3.3 | | 6 days | | |
| 231 | 0.4 | | | | 2.1 | 3 days | | | 1.4 | | | | 3.1 | | | | |

(Continue)

Note: * indicates tidal wave

Table XIII.3-1 Results of Survey on Undang and Openg Floods (9)

| No. of Survey Points | Undang Flood | | | | | | | | Openg Flood | | | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Inundation Water Depth (m) | | | | FWL (m) | Duration of Inundation | | | Inundation Water Depth (m) | | | | FWL (m) | Duration of Inundation | | | |
| | House | Road | Paddy | Others | | House | Road | Paddy | House | Road | Paddy | Others | | House | Road | Paddy | |
| 232 | 1.0<br>0.3* | | | | 2.5<br>1.8* | 3 days<br>10 min.* | | | 1.0 | | | | 2.5 | 3 days | | | |
| 233 | | 0.75 | | | 2.75 | 3 days | | | | 1.5 | | | 3.5 | 5 days | | | |
| 234 | | 0.4* | | | 1.6* | | 4 hours* | | | 0.8 | | | 2.0 | | 2 days | 3 days | |
| 235 | 0.3 | | | | 2.2 | 5 hours | | 3 days | 1.3 | | | | 3.2 | 1 week | | | |
| 236 | | 1.0* | | | 2.1* | | 4 hours* | | | 0.8 | | | 1.9 | | 2 days | | |
| 237 | | 0.4* | | | 1.6* | | 3 hours* | | | | | | | | | | |
| 238 | Not inundated | | | | | | | | | | | | | | | | |
| 239 | | -0.1 | | | 1.6 | | | | | 0.7 | | | 2.4 | | 4 days | 1 week | |
| 240 | Not inundated | | | | | | | | 0.3 | | | | 2.3 | 4 hours | | | |
| 241 | 0.5 | | | | 1.3 | 1 day | | 3 days | 1.3 | | | | 2.1 | 3 days | | 1 week | |
| 242 | | 0.3* | | | 1.8* | | 1 hour* | | Not inundated | | | | | | | | |
| 243 | Not inundated | | | | | | | | 0.6 | | | | 1.9 | 3 days | | | |
| 244 | Not inundated | | | | | | | | 0.6 | | | | 2.0 | 16 hours | | | |
| 245 | 0.1* | | | | 1.5* | | | | Not inundated | | | | | | | | |
| 246 | | 0.1* | | | 1.3* | | | | | 0.1 | | | 1.3 | | | | |
| 247 | | | | | 1.6* | 1.5 hours* | | | Not inundated | | | | | | | | |
| 248 | | 2.3* | | | 3.6* | 30 min.* | | | Not inundated | | | | | | | | |
| 249 | ±0 | | | | 0.9 | | | 2 hours | 0.8 | | | | 1.7 | 12 hours | | 1 day | |
| 250 | 0.4 | | | | 1.7 | 4 hours | | 8 hours | | | | | | | | | |
| 251 | 0.2 | | | | 1.3 | | | | | | | | | | | | |
| 252 | Not inundated | | | | | | | | Not inundated | | | | | | | | |
| 253 | | | 0.3 | | 2.2 | | | 2 days | | | | | | | | | |
| 254 | Not inundated | | | | | | | | | | | | | | | | |
| 255 | Not inundated | | | | | | | | 1.15 | | | | 3.0 | 4 days | | | |
| 256 | 0.6 | | | | 1.7 | 12 hours | | | | | | | | | | | |

Note: * indicates tidal wave

TABLE XIII. 4-1 PROGRESS OF THE FIELD RESEARCH

| Date | Agricultural Damage | Building and Other Damage |
|---|---|---|
| June 3-6 | Data Collection of comprehensive damages affected by the Typhoon in head offices of the government in Manila | |
| 6-7 | Data Collection of sectoral damage from Provincial Offices of MAF, BAECON, NIA, BFAR. | Data Collection of damages in the Capiz Governor's Office and MPWH District Engineer's Office. |
| 9-11 | Data Collection of sectoral damage from regional branch of the national government as like BAECON, MAF, NIA and etc. | Data Collection of sectoral damage from each regional branch of the national government such as NEDA, OOCD, and MSSD in Iloilo City. |
| 9-17/20 | Data Collection of agricultural damages by Village by Municipalities. | Data Collection of sectoral damage through city or municipal mayor's offices. |

TABLE XIII. 4-2 CONSOLIDATED TOTAL DAMAGES BY TYPHOON "UNDANG"

| | Human Damage | | | | Houses Damaged | | | Damages in Monetary Terms (₱1000) | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Dead | Injured | Missing | Total | Totally Damaged | Partially Damaged | Total | Agriculture | Others | Total |
| Region IV | - | - | - | - | 50 | 616 | 666 | 19 | 4,000 | 4,019 |
| | | | | | (0) | (1) | (0) | (0) | (0) | (0) |
| Region VI /1 | 629 | 2,077 | 461 | 3,168 | 96,814 | 66,889 | 163,723 | 321,308 | 564,336 | 885,644 |
| | (87) | (97) | (88) | (93) | (69) | (84) | (74) | (28) | (75) | (46) |
| Aklan | 27 | 89 | 3 | 119 | 24,926 | 18,587 | 43,513 | 47,393 | 21,419 | 68,812 |
| | (4) | (4) | (1) | (4) | (17) | (23) | (20) | (4) | (3) | (4) |
| Antique | 10 | - | 4 | 14 | 5,494 | 4,882 | 10,376 | 9,685 | 11,500 | 21,185 |
| | (1) | (-) | (1) | (0) | (4) | (6) | (5) | (1) | (2) | (1) |
| Capiz | 487 | 1,965 | 277 | 2,729 | 46,939 | 31,732 | 78,671 | 195,406 | 457,229 | 652,635 |
| | (67) | (92) | (53) | (80) | (34) | (40) | (35) | (17) | (61) | (34) |
| Iloilo | 105 | 24 | 173 | 302 | 18,405 | 11,625 | 31,030 | 68,824 | 74,188 | 143,012 |
| | (15) | (1) | (33) | (9) | (14) | (15) | (14) | (6) | (10) | (7) |
| Negros | - | - | 4 | 4 | 50 | 63 | 113 | - | - | - |
| Occidental | (-) | (-) | (1) | (0) | (0) | (0) | (0) | (-) | (-) | (-) |
| Region VII | 11 | 1 | 40 | 52 | 8 | 8 | 16 | 34,578 | 10,045 | 44,623 |
| | (2) | (0) | (8) | (2) | (0) | (0) | (0) | (3) | (1) | (2) |
| Region VIII | 81 | 66 | 23 | 170 | 44,464 | 12,227 | 56,691 | 802,937 | 178,060 | 980,997 |
| | (11) | (3) | (5) | (5) | (31) | (15) | (26) | (69) | (24) | (51) |
| Total | 721 | 2,145 | 524 | 3,390 | 141,336 | 79,740 | 221,096 | 1,158,842 | 752,441 | 1,911,264 |
| | (100) | (100) | (100) | (100) | (100) | (100) | (100) | (100) | (100) | (100) |

Remarks : /1 Figures come from NEDA except damages in monetary terms.
/2 Figures in parentheses are parcentage distribution.

Sources : "Comprehensive Report of typhoon "Undang", November, 1984,OOCD

## TABLE XIII.4-3 DAMAGES OF CROPS AND LIVESTOCKS CAUSED BY TYPHOON UNDANG IN REGION VI.

| Province/Item | Aklan | | Antique | | Capiz | | Guimaras | | Iloilo | | Total | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Amount damaged | Damage value | Amount damaged | Damage value | Amount damaged | Damage value | Amount damaged | Damage value | Amount damaged | Damage value | | |
| | (ha)/1 | (₱) | (ha) | (₱) | (ha) | (₱) | (ha) | (₱) | (ha) | (₱) | (ha) | (₱) |
| 1. CROPS | | | | | | | | | | | | |
| Rice | 629 | 4,560,250 | 735 | 7,056,000 | 11,031 | 106,117,400 | 558 | 265,299 | 10,816 | 59,885,616 | 23,769 | 177,884,565 |
| Corn | 99 | 103,950 | - | - | 918 | 2,985,000 | - | - | 62 | 477,334 | 1,079 | 3,566,284 |
| Fruit | 25 | 797,650 | 7,404 | 314,500 | 3,612 | 15,820,560 | - | - | 41,496 | 888,980 | 52,537 | 17,821,690 |
| Banana | 6,249 | 28,216,400 | 29 | 309,760 | 3,426 | 16,446,000 | 4 | 9,025 | 366 | 1,832,585 | 10,074 | 46,813,770 |
| Mango | 241 | 220,220 | - | - | - | - | 600 | 765,000 | 1,076 | 1,650,500 | 1,917 | 2,635,720 |
| Vegetable | 720 | 12,291,720 | 298 | 1,442,750 | 868 | 6,944,000 | - | - | 500 | 1,822,781 | 2,386 | 22,501,251 |
| Sub-total | | 46,190,190 | | 9,123,010 | | 148,312,960 | | 1,039,324 | | 66,557,796 | | 271,223,280 |
| (percentages) | | (17.0%) | | (3.4%) | | (54.7%) | | (0.4%) | | (24.5%) | | (100%) |
| 2. LIVESTOCKS | (heads)/2 | (₱) | (heads) | (₱) | (heads) | (₱) | (heads) | (₱) | (heads) | (₱) | (heads) | (₱) |
| Buffaloe | 14 | 42,000 | 44 | 116,500 | 167 | 668,000 | 7 | 2,000 | 156 | 420,500 | 388 | 1,249,000 |
| Cattle | 28 | 84,000 | 70 | 152,000 | 63 | 252,000 | - | - | 118 | 331,000 | 279 | 819,000 |
| Swine | 1,070 | 1,070,000 | 115 | 60,900 | 3,382 | 2,705,000 | - | - | 381 | 381,000 | 4,948 | 4,216,900 |
| Goat | 57 | 6,840 | 89 | 8,300 | 1,442 | 252,000 | 4 | 280 | 320 | 39,800 | 1,912 | 307,220 |
| Poultry | - | - | 1,093 | 20,610 | 104,352 | 3,027,000 | - | - | 4,085 | 51,700 | 109,530 | 3,099,310 |
| Sub-total | | 1,202,840 | | 358,310 | | 6,904,000 | | 2,280 | | 1,224,010 | | 9,691,430 |
| (percentages) | | (12.4%) | | (3.7%) | | (71.2%) | | (-) | | (12.6%) | | (100%) |
| TOTAL (Crops + Livestocks) | | 47,393,030 | | 9,481,320 | | 155,216,960 | | 1,041,604 | | 67,781,806 | | 280,914,710 |
| (percentages) | | (16.9%) | | (3.4%) | | (55.3%) | | (0.3%) | | (24.1%) | | (100%) |

Source: Summary Report of Damage Caused by Typhoon Undang, Ministry of Agriculture and Food, Region VI.

Remarks, /1: Area damaged.

/2: Number of livestocks damaged.

TABLE XIII.4-4(1) AREA AND VALUE DAMAGED BY TYPHOON UNDANG IN THE PROVINCE OF CAPIZ (CROPS)

| Municipality | Rice | | Corn | | Fruit Trees | | Banana | | Vegetables | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Area | Value | Area | Value | Area | Value | Area | Value | Area | Value |
| | (ha) | ($10^3$₱) | (ha) | ($10^3$₱) | (ha) | ($10^3$₱) | (ha) | ($10^3$₱) | (ha) | ($10^3$₱) |
| 1. Cuartero | 1,474 | 14,371 | 7 | 23 | 300 | 1,314 | 150 | 720 | 50 | 400 |
| 2. Dao | 723 | 6,941 | - | - | 19 | 83 | 95 | 456 | 45 | 360 |
| 3. Dumalag | 697 | 6,691 | 17 | 55 | 280 | 1,226 | 200 | 960 | 350 | 2,800 |
| 4. Dumarao | 250 | 2,400 | 20 | 65 | 1,000 | 4,380 | 450 | 2,160 | - | - |
| 5. Ivisan /1 | 26 | 250 | 3 | 10 | 54 | 237 | 72 | 346 | 11 | 88 |
| 6. Jamindan | 133 | 1,277 | 65 | 211 | 50 | 219 | 250 | 1,200 | - | - |
| 7. Maayon | 577 | 5,539 | 112 | 364 | 350 | 1,533 | 500 | 2,400 | 62 | 496 |
| 8. Mambusao | 516 | 4,954 | 17 | 55 | 50 | 219 | 238 | 1,142 | 3 | 24 |
| 9. Panay | 1,175 | 11,280 | - | - | 3 | 13 | 30 | 144 | - | - |
| 10. Panitan | 926 | 8,890 | 5 | 16 | 44 | 193 | 207 | 994 | 215 | 1,720 |
| 11. Pilar /1 | 253 | 2,428 | 130 | 423 | 100 | 438 | 75 | 360 | - | - |
| 12. Pontevedra | 730 | 7,008 | 34 | 111 | 29 | 127 | 100 | 480 | - | - |
| 13. Pres. Roxas | 28 | 269 | 267 | 868 | 176 | 771 | 50 | 240 | - | - |
| 14. Sapian /1 | 305 | 2,928 | 6 | 20 | 88 | 385 | 147 | 706 | 7 | 56 |
| 15. Sigma | 1,484 | 14,246 | 26 | 85 | 230 | 1,007 | 392 | 1,882 | 26 | 208 |
| 16. Tapaz | 250 | 2,400 | 209 | 679 | 800 | 3,504 | 320 | 1,536 | 18 | 144 |
| 17. Roxas City | 1,484 | 14,246 | - | - | 39 | 171 | 150 | 720 | 81 | 648 |
| Total | 11,031 | 106,118 | 918 | 2,985 | 3,612 | 15,820 | 3,426 | 16,446 | 868 | 6,944 |

SOURCE: Typhoon Undang Final Damage Report, Ministry of Agriculture and Food, Province of Capiz.

NOTE, /1: These municipalities are not included in "Panay River Basin Area".

TABLE XIII.4-4(2) NUMBER OF HEADS AND VALUE DAMAGED BY TYPHOON UNDANG IN THE PROVINCE OF CAPIZ (LIVESTOCKS)

| Municipality | Buffaloe | | Cattle | | Swine | | Goat | | Poultry | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Heads | Value | Heads | Value | Heads | Value | Heads | Value | Heads | Value |
| | | ($10^3$₱) | | ($10^3$₱) | | ($10^3$₱) | | ($10^3$₱) | | ($10^3$₱) |
| 1. Cuartero | 5 | 20 | 4 | 16 | 96 | 77 | 42 | 7 | 1,500 | 44 |
| 2. Dao | - | - | - | - | 10 | 8 | 5 | 1 | 1,000 | 29 |
| 3. Dumalag | 3 | 12 | - | - | 15 | 12 | 16 | 3 | - | - |
| 4. Dumarao | 11 | 44 | 2 | 8 | 40 | 32 | 42 | 7 | 5,384 | 156 |
| 5. Ivisan /1 | 6 | 24 | 17 | 68 | 12 | 10 | 142 | 25 | 470 | 14 |
| 6. Jamindan | 6 | 24 | 1 | 4 | 8 | 6 | - | - | - | - |
| 7. Maayon | 16 | 64 | 5 | 20 | 71 | 57 | 43 | 8 | 7,949 | 231 |
| 8. Mambusao | 4 | 16 | 5 | 20 | 38 | 30 | 40 | 7 | 4,379 | 127 |
| 9. Panay | 20 | 80 | 2 | 8 | 124 | 99 | 282 | 49 | 677 | 20 |
| 10. Panitan | 6 | 24 | 5 | 20 | 2,261 | 1,809 | 11 | 2 | 13,930 | 404 |
| 11. Pilar /1 | 9 | 36 | 4 | 16 | 72 | 58 | 124 | 22 | 3,125 | 91 |
| 12. Pontevedra | 51 | 204 | 4 | 16 | 109 | 87 | 210 | 37 | 520 | 15 |
| 13. Pres. Roxas | 14 | 56 | 2 | 8 | 258 | 206 | 109 | 19 | 11,780 | 342 |
| 14. Sapian /1 | - | - | 3 | 12 | 105 | 84 | 46 | 8 | - | - |
| 15. Sigma | 2 | 8 | 7 | 28 | 33 | 26 | - | - | 488 | 14 |
| 16. Tapaz | 1 | 4 | 2 | 8 | 12 | 10 | 42 | 7 | 2,350 | 67 |
| 17. Roxas City | 13 | 52 | - | - | 118 | 94 | 287 | 50 | 50,800 | 1,473 |
| Total | 167 | 668 | 63 | 252 | 3,382 | 2,705 | 1,441 | 252 | 104,352 | 3,027 |

SOURCE: Typhoon Undang Final Damage Report, Ministry of Agriculture and Food, Province of Capiz.

NOTE, /1: These municipalities are not included in "Panay River Basin Area".

TABLE XIII.4-4(3) FISHERY DAMAGES CAUSED BY TYPHOON UNDANG IN THE PROVINCE OF CAPIZ

| Municipality | Fishpond | | | Fishing Boat | | | | Repairing Cost | Total Damage |
|---|---|---|---|---|---|---|---|---|---|
| | Area | Milkfish | Prawn | Motorized | | Non-Motorized | | | |
| | (ha) | ($10^3$₱) | ($10^3$₱) | (Piece) | ($10^3$₱) | (Piece) | ($10^3$₱) | ($10^3$₱) | ($10^3$₱) |
| 1. Cuartero | - | - | - | - | - | - | - | - | - |
| 2. Dao | - | - | - | - | - | - | - | - | - |
| 3. Dumalag | - | - | - | - | - | - | - | - | - |
| 4. Dumarao | - | - | - | - | - | - | - | - | - |
| 5. Ivisan /1 | 420 | 829 | - | 50 | 750 | 225 | 1,125 | 29 | 2,733 |
| 6. Jamindan | - | - | - | - | - | - | - | - | - |
| 7. Maayon | - | - | - | - | - | - | - | - | - |
| 8. Mambusao | - | - | - | - | - | - | - | - | - |
| 9. Panay | 834 | 416 | 2,102 | 495 | 4,125 | 135 | 375 | 58 | 7,076 |
| 10. Panitan | - | - | - | - | - | - | - | - | - |
| 11. Pilar /1 | 417 | 415 | 160 | 95 | 1,425 | 135 | 685 | 43 | 2,728 |
| 12. Pontevedra | 314 | 145 | 714 | 52 | 780 | 40 | 200 | 27 | 1,866 |
| 13. Pres. Roxas | - | 507 | 2,051 | 170 | 2,550 | 60 | 300 | 74 | 5,482 |
| 14. Sapian /1 | 1,034 | 2,044 | - | 10 | 150 | 70 | 350 | 72 | 2,616 |
| 15. Sigma | - | - | - | - | - | - | - | - | - |
| 16. Tapaz | - | - | - | - | - | - | - | - | - |
| 17. Roxas City | 217 | 387 | - | 135 | 2,025 | 15 | 75 | 19 | 2,506 |
| Total | 3,236 | 4,743 | 5,027 | 1,007 | 11,805 | 680 | 3,110 | 322 | 25,007 |

SOURCE: from Ministry of Agriculture and Food, Bureau of Fisheries and Aquatic Resources, Province of Capiz.

NOTE, /1: These municipalities are not included in "Panay-River Basin Area".

TABLE XIII.4-5(1) AREA AND VALUE DAMAGED BY TYPHOON UNDANG IN THE PANAY RIVER BASIN AREA (CROPS)

| Municipality | Rice | | Corn | | Fruit Trees | | Banana | | Vegetables | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Area | Value | Area | Value | Area | Value | Area | Value | Area | Value |
| | (ha) | ($10^3$₱) | (ha) | ($10^3$₱) | (ha) | ($10^3$₱) | (ha) | ($10^3$₱) | (ha) | ($10^3$₱) |
| 1. Cuartero | 1,474 | 14,371 | 7 | 23 | 300 | 1,314 | 150 | 720 | 50 | 400 |
| 2. Dao | 723 | 6,941 | - | - | 19 | 83 | 95 | 456 | 45 | 360 |
| 3. Dumalag | 697 | 6,691 | 17 | 55 | 280 | 1,226 | 200 | 960 | 350 | 2,800 |
| 4. Dumarao | 250 | 2,400 | 20 | 65 | 1,000 | 4,380 | 450 | 2,160 | - | - |
| 5. Jamindan | 133 | 1,277 | 65 | 211 | 50 | 219 | 250 | 1,200 | - | - |
| 6. Maayon | 577 | 5,539 | 112 | 364 | 350 | 1,533 | 500 | 2,400 | 62 | 496 |
| 7. Mambusao | 516 | 4,954 | 17 | 55 | 50 | 219 | 238 | 1,142 | 3 | 24 |
| 8. Panay | 1,175 | 11,280 | - | - | 3 | 13 | 30 | 144 | - | - |
| 9. Panitan | 926 | 8,890 | 5 | 16 | 44 | 193 | 207 | 994 | 215 | 1,720 |
| 10. Pontevedra | 730 | 7,008 | 34 | 111 | 29 | 127 | 100 | 480 | - | - |
| 11. Sigma | 1,484 | 14,246 | 26 | 85 | 230 | 1,007 | 392 | 1,882 | 26 | 208 |
| 12. Tapaz | 250 | 2,400 | 209 | 679 | 800 | 3,504 | 320 | 1,536 | 18 | 144 |
| 13. Roxas City | 1,484 | 14,246 | - | - | 39 | 171 | 150 | 720 | 81 | 648 |
| Total | 10,419 | 100,243 | 512 | 1,664 | 3,194 | 13,989 | 3,082 | 14,794 | 850 | 6,800 |

SOURCE: Typhoon Undang Final Damage Report, Ministry of Agriculture and Food, Province of Capiz.

TABLE XIII.4-5(2) NUMBER OF HEADS AND VALUE DAMAGED BY TYPHOON UNDANG IN THE PANAY RIVER BASIN AREA (LIVESTOCKS)

| Municipality | Buffaloe | | Cattle | | Swine | | Goat | | Poultry | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Heads | Value | Heads | Value | Heads | Value | Heads | Value | Heads | Value |
| | | ($10^3$₱) | | ($10^3$₱) | | ($10^3$₱) | | ($10^3$₱) | | ($10^3$₱) |
| 1. Cuartero | 5 | 20 | 4 | 16 | 96 | 77 | 42 | 7 | 1,500 | 44 |
| 2. Dao | - | - | - | - | 10 | 8 | 5 | 1 | 1,000 | 29 |
| 3. Dumalag | 3 | 12 | - | - | 15 | 12 | 16 | 3 | - | - |
| 4. Dumarao | 11 | 44 | 2 | 8 | 40 | 32 | 42 | 7 | 5,384 | 156 |
| 5. Jamindan | 6 | 24 | 1 | 4 | 8 | 6 | - | - | - | - |
| 6. Maayon | 16 | 64 | 5 | 20 | 71 | 57 | 43 | 8 | 7,949 | 231 |
| 7. Mambusao | 4 | 16 | 5 | 20 | 38 | 30 | 40 | 7 | 4,379 | 127 |
| 8. Panay | 20 | 80 | 2 | 8 | 124 | 99 | 282 | 49 | 677 | 20 |
| 9. Panitan | 6 | 24 | 5 | 20 | 2,261 | 1,809 | 11 | 2 | 13,930 | 404 |
| 10. Pontevedra | 51 | 204 | 4 | 16 | 109 | 87 | 210 | 37 | 520 | 15 |
| 11. Sigma | 2 | 8 | 7 | 28 | 33 | 26 | - | - | 488 | 14 |
| 12. Tapaz | 1 | 4 | 2 | 8 | 12 | 10 | 42 | 7 | 2,350 | 67 |
| 13. Roxas City | 13 | 52 | - | - | 118 | 94 | 287 | 50 | 50,800 | 1,473 |
| Total | 138 | 552 | 37 | 148 | 2,935 | 2,347 | 1,020 | 178 | 88,977 | 2,580 |

SOURCE: Typhoon Undang Final Damage Report, Ministry of Agriculture and Food, Province of Capiz.

TABLE XIII.4-5(3) FISHERY DAMAGES CAUSED BY TYPHOON UNDANG IN THE PANAY RIVER BASIN AREA

| Municipality | Fishpond | | | Fishing Boat | | | | Repairing Cost | Total Damage |
|---|---|---|---|---|---|---|---|---|---|
| | Area | Milkfish | Prawn | Motorized | | Non-Motorized | | | |
| | (ha) | ($10^3$₱) | ($10^3$₱) | (Piece) | ($10^3$₱) | (Piece) | ($10^3$₱) | ($10^3$₱) | ($10^3$₱) |
| 1. Cuartero | - | - | - | - | - | - | - | - | - |
| 2. Dao | - | - | - | - | - | - | - | - | - |
| 3. Dumalag | - | - | - | - | - | - | - | - | - |
| 4. Dumarao | - | - | - | - | - | - | - | - | - |
| 5. Jamindan | - | - | - | - | - | - | - | - | - |
| 6. Maayon | - | - | - | - | - | - | - | - | - |
| 7. Mambusao | - | - | - | - | - | - | - | - | - |
| 8. Panay | 834 | 416 | 2,102 | 495 | 4,125 | 135 | 375 | 58 | 7,076 |
| 9. Panitan | - | - | - | - | - | - | - | - | - |
| 10. Pontevedra | 314 | 145 | 714 | 52 | 780 | 40 | 200 | 27 | 1,866 |
| 11. Sigma | - | - | - | - | - | - | - | - | - |
| 12. Tapaz | - | - | - | - | - | - | - | - | - |
| 13. Roxas City | 217 | 387 | - | 135 | 2,025 | 15 | 75 | 19 | 2,506 |
| Total | 1,365 | 948 | 2,816 | 682 | 6,930 | 190 | 650 | 104 | 11,448 |

SOURCE: from Ministry of Agriculture and Food, Bureau of Fisheries and Aquatic Resources, Province of Capiz.

## TABLE XIII.4-6 FLOOD DAMAGES CAUSED BY TYPHOON UNDANG IN THE PANAY RIVER BASIN AREA

| Municipality | Crop Damages | | | | | | Fishery Damages | | | | Livestock /1 Damages | Total Damages |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rice | | Corn | | Vegetables | | Fish Pond | | | Repairing Cost | | |
| | Area | Value | Area | Value | Area | Value | Area | Milkfish | Prawn | | | |
| | (ha) | ($10^3$₱) | (ha) | ($10^3$₱) | (ha) | ($10^3$₱) | (ha) | ($10^3$₱) | ($10^3$₱) | ($10^3$₱) | ($10^3$₱) | ($10^3$₱) |
| 1. Cuartero | 1,474 | 14,371 | 7 | 23 | 50 | 400 | - | - | - | - | 164 | 14,958 |
| 2. Dao | 723 | 6,941 | - | - | 45 | 360 | - | - | - | - | 38 | 7,339 |
| 3. Dumalag | 697 | 6,691 | 17 | 55 | 350 | 2,800 | - | - | - | - | 27 | 9,573 |
| 4. Dumarao | 250 | 2,400 | 20 | 65 | - | - | - | - | - | - | 247 | 2,712 |
| 5. Jamindan | 133 | 1,277 | 65 | 211 | - | - | - | - | - | - | 34 | 1,522 |
| 6. Maayon | 577 | 5,539 | 112 | 364 | 62 | 496 | - | - | - | - | 380 | 6,779 |
| 7. Mambusao | 516 | 4,954 | 17 | 55 | 3 | 24 | - | - | - | - | 200 | 5,233 |
| 8. Panay | 1,175 | 11,280 | - | - | - | - | 834 | 416 | 2,102 | 58 | 256 | 14,112 |
| 9. Panitan | 926 | 8,890 | 5 | 16 | 215 | 1,720 | - | - | - | - | 2,259 | 12,885 |
| 10. Pontevedra | 730 | 7,008 | 34 | 111 | - | - | 314 | 145 | 714 | 27 | 359 | 8,364 |
| 11. Sigma | 1,484 | 14,246 | 26 | 85 | 26 | 208 | - | - | - | - | 76 | 14,615 |
| 12. Tapaz | 250 | 2,400 | 209 | 679 | 18 | 144 | - | - | - | - | 96 | 3,319 |
| 13. Roxas City | 1,484 | 14,246 | - | - | 81 | 648 | 217 | 387 | - | 19 | 1,669 | 16,969 |
| Total | 10,419 | 100,243 | 512 | 1,664 | 850 | 6,800 | 1,365 | 948 | 2,816 | 104 | 5,805 | 118,380 |

SOURCE: Typhoon Undang Final Damage Report, Ministry of Agriculture and Food, Province of Capiz.

NOTE, /1: Breakdown of livestock damages is shown on Table "NUMBER OF HEADS AND VALUE DAMAGED BY TYPHOON UNDANG IN THE PANAY RIVER BASIN AREA (LIVESTOCKS)".

TABLE XIII. 4-7 (1) RESIDENTIAL BUILDING DAMAGE IN CAPIZ PROVINCE

| Municipality | Number of Damaged Unit | | | Amount |
|---|---|---|---|---|
| | Totally | Partially | Total | (₱1000) |
| Cuartero | 2,341 | 1,434 | 3,775 | 20,012 |
| Dao | 2,717 | 1,646 | 4,363 | 18,495 |
| Dumalag | 1,679 | 1,969 | 3,648 | 12,793 |
| Dumarao | 2,531 | 1,751 | 4,282 | 15,400 |
| Ivisan | 1,990 | 1,186 | 3,176 | 15,771 |
| Jamindan | 789 | 3,588 | 4,377 | 15,213 |
| Maayon | 3,064 | 1,209 | 4,273 | 9,916 |
| Mambusao | 3,939 | 1,324 | 5,263 | 18,198 |
| Panay | 3,654 | 1,731 | 5,385 | 22,245 |
| Panitan | 2,333 | 1,650 | 3,983 | 16,996 |
| Pilar | 3,773 | 1,669 | 5,442 | 23,102 |
| Pontevedra | 3,390 | 1,868 | 5,258 | 12,714 |
| Pres. Roxas | 1,328 | 2,094 | 3,422 | 9,189 |
| Sapian | 2,598 | 657 | 3,255 | 21,686 |
| Sigma | 2,335 | 1,632 | 3,967 | 14,938 |
| Tapaz | 2,530 | 1,822 | 4,352 | 13,660 |
| Roxas City | 5,948 | 4,502 | 10,450 | 24,034 |
| Total | 46,939 | 31,732 | 78,671 | 284,362 |

Sources : Capiz Governor's Office; Roxas City Mayor's Office

TABLE XIII. 4-7(2) RESIDENTIAL BUILDING DAMAGE IN THE PANAY RIVER BASIN

| Municipality | Statisical Data /1 | | Damage by the Typhoon | | | |
|---|---|---|---|---|---|---|
| | | | Number of Damaged Unit | | | Amount (₱1000) |
| | Population | Number of Residence | Totally | Partially | Total | |
| Cuartero | 18,511 | 3,344 | 2,341 | 1,434 | 3,775 | 20,012 |
| Dao | 23,904 | 4,325 | 2,717 | 1,646 | 4,363 | 18,495 |
| Dumalag | 22,188 | 4,070 | 1,679 | 1,969 | 3,648 | 12,793 |
| Dumarao | 29,931 | 5,381 | 2,531 | 1,751 | 4,282 | 15,400 |
| Jamindan | 25,652 | 4,299 | 789 | 3,588 | 4,377 | 15,213 |
| Maayon | 25,711 | 4,490 | 3,064 | 1,209 | 4,273 | 9,916 |
| Mambusao | 32,066 | 5,639 | 3,939 | 1,324 | 5,263 | 18,198 |
| Panay | 31,649 | 5,502 | 3,654 | 1,731 | 5,385 | 22,245 |
| Panitan | 24,431 | 4,874 | 2,333 | 1,650 | 3,983 | 16,996 |
| Pontevedra | 30,482 | 5,120 | 3,390 | 1,868 | 5,258 | 12,714 |
| Sigma | 20,038 | 3,807 | 2,335 | 1,632 | 3,967 | 14,938 |
| Tapaz | 35,129 | 6,377 | 2,530 | 1,822 | 4,352 | 13,660 |
| Roxas City | 80,953 | 13,943 | 5,948 | 4,502 | 10,450 | 24,034 |
| Total | 403,645 | 71,171 | 37,250 | 26,126 | 63,376 | 214,614 |

Remark : /1 1980 Population and Housing ; NCSO

Sources : Capiz, Governor's Office ; City Mayor's Office; Municipal Mayor's Offices; MSSD

TABLE : XIII. 4-7 (3) NON-RESIDENTIAL BUILDING DAMAGE IN CAPIZ PROVINCE

(Unit : ₱1000)

| Municipality | Educational/1 | | Medical/2 | | Industrial/3 | | Commercial/4 | | Religious/5 | | Others/6 | | Total | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | No. | Amount | No. | Amount | No. | Amount | No. | Amount | No. | Amount | No. | Amount | No. | Amount |
| Cuartero | 41 | 1,675 | 1 | 45 | | 424 | | 240 | | 486 | | 823 | | 3,683 |
| Dao | 24 | 2,414 | 4 | 1,933 | | 2,068 | | 210 | | 913 | | 1,032 | | 8,570 |
| Dumalag | 17 | 2,686 | 5 | 98 | | 628 | | 46 | | 649 | | 6,768 | | 10,875 |
| Dumarao | 35 | 2,440 | 3 | 30 | | 296 | | 277 | | 1,389 | | 1,170 | | 5,601 |
| Ivisan | 27 | 2,287 | 1 | 35 | | 171 | | 170 | | 568 | | 911 | | 4,142 |
| Jamindan | 55 | 3,482 | 2 | 60 | | 395 | | 410 | | 1,982 | | 1,991 | | 8,320 |
| Maayon | 47 | 1,423 | | | | 92 | | 79 | | 335 | | 183 | | 2,111 |
| Mambusao | 51 | 2,103 | 6 | 850 | | 446 | | 55 | | 2,719 | | 135 | | 6,308 |
| Panay | 38 | 2,844 | 2 | 100 | | 1,300 | | 20 | | 1,277 | | 712 | | 7.253 |
| Panitan | 54 | 2,442 | 6 | 50 | | 691 | | 160 | | 733 | | 1,373 | | 5,449 |
| Pilar | | 2,985 | 8 | 60 | | 175 | | 305 | | 506 | | 1,131 | | 5,162 |
| Pontevedra | 37 | 2,614 | 6 | 540 | | 11,150 | | 0 | | 459 | | 7,900 | | 22,663 |
| Pres. Roxas | 36 | 1,077 | | | | 271 | | 275 | | 395 | | 15,870 | | 17,888 |
| Sapian | 38 | 11,547 | 7 | 675 | | 310 | | 150 | | 620 | | 1,385 | | 14,687 |
| Sigma | 39 | 2,718 | 4 | 50 | | 777 | | 80 | | 855 | | 1,005 | | 5,285 |
| Tapaz | 54 | 1,774 | | | | 109 | | 35 | | 527 | | 1,180 | | 3,625 |
| Roxas City | 32 | 3,954 | 1 | 150 | | - | | 77 | | - | | 2,300 | | 6,481 |
| Capiz Total | | 50,264 | 58 | 4,676 | | 19,291 | | 2,589 | | 14,414 | | 45,870 | | 137,104 |

Notes : /1 School
/2 Hospital and Health Center
/3 Rice mill and Warehouse
/4 Market
/5 Church and Chapel
/6 Municipal and Barangay halls and others

Sources : Gapiz, Governor's Office; MPWH, District Engineer's Office & City Engineer's Office

TABLE XIII.4-7(4) NON-RESIDENTIAL BUILDING DAMAGE IN THE PANAY RIVER BASIN

| Municipality | Educational/1 | | Medical/2 | | Industrial/3 | | Commercial/4 | | Religious/5 | | Others/6 | | Total | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | No | Amount | No | Amount | No | Amount | No | Amount | No | Amount | No | Amount | No | Amount |
| Cuartero | 41 | 1,675 | 1 | 45 | | 414 | | 240 | | 486 | | 823 | | 3,683 |
| Dao | 24 | 2,414 | 4 | 1,933 | | 2,068 | | 210 | | 913 | | 1,032 | | 8,570 |
| Dumalag | 17 | 2,686 | 5 | 98 | | 628 | | 46 | | 649 | | 6,768 | | 10,875 |
| Dumarao | 35 | 2,440 | 3 | 30 | | 296 | | 277 | | 1,389 | | 1,170 | | 5,601 |
| Jamindan | 55 | 3,482 | 2 | 60 | | 395 | | 410 | | 1,982 | | 1,991 | | 8,320 |
| Maayon | 47 | 1,423 | | | | 92 | | 79 | | 335 | | 183 | | 2,111 |
| Mambusao | 51 | 2,103 | 8 | 850 | | 446 | | 55 | | 2,719 | | 135 | | 6,308 |
| Panay | 38 | 2,844 | 2 | 100 | | 1,300 | | 20 | | 1,277 | | 712 | | 6,253 |
| Panitan | 54 | 2,442 | 6 | 50 | | 691 | | 160 | | 733 | | 1,373 | | 5,449 |
| Pontevedra | 37 | 2,614 | 6 | 540 | | 11,150 | | 0 | | 459 | | 7,900 | | 22,663 |
| Sigma | 39 | 2,518 | 4 | 50 | | 777 | | 80 | | 855 | | 1,005 | | 5,285 |
| Tapaz | 54 | 1,774 | | | | 109 | | 35 | | 527 | | 1,180 | | 3,625 |
| Roxas City | 32 | 3,954 | 1 | 150 | | 0 | | 77 | | 0 | | 2,300 | | 6,481 |
| Total | 524 | 32,369 | 42 | 3,906 | | 18,366 | | 1,689 | | 12,324 | | 26,572 | | 95,224 |

Notes : /1 School /2 Hospital and Health Center /3 Rice Mill and Warehouse
/4 Market /5 Church and Chapel /6 Municipal and Barangay Halls and Others

Sources : Capiz, Governor's Office; MPWH, District Engineer's Office & City Engineer's Office

TABLE XIII.4-8(1) INFRASTRUCTURE DAMAGE

| Item | Amount of Damage (₱1000) | Remark |
|---|---|---|
| 1. Roads and Bridges | 17,224 | Table XIII.2-7(2) |
| 2. River Structure | 8,840 | Table XIII.2-7(3) |
| 3. Water Supply | 83 | Table XIII.2-7(4) |
| 4. Electricity | 1,818 | Table XIII.2-7(5) |
| 5. Telephone | 73 | Table XIII.2-7(6) |
| 6. Railway | 249 | Table XIII.2-7(7) |
| 7. Irrigation Facilities | 3,581 | |
| Total | 31,868 | |

TABLE XIII.4-8(2) DAMAGE OF ROADS AND BRIDGES

| Municipality | National | | Provincial | | Municipal | | Barangay | | Total | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Length (km) | Amount (₱1000) | Length (km) | Amount (₱1000) | Length (km) | Amount (₱1000) | Length (km) | Amount (₱1000) | Length (km) | Amount (₱1000) |
| Cuartero | | | | 220 | | 0 | | 507 | | |
| Dao | | | | 350 | | 0 | | 246 | | |
| Dumalag | | | | 160 | | 0 | | 425 | | |
| Dumarao | | | | 440 | | 0 | | 398 | | |
| Maayon | | | | 765 | | 14 | | 288 | | |
| Mambusao | 58.3 | 6,875 | | 380 | | 100 | | 451 | | 16,364 |
| Panay | | | | 680 | | 16 | | 449 | | |
| Panitan | | | | 770 | | 28 | | 545 | | |
| Pontevedra | | | | 170 | | 0 | | 1,354 | | |
| Sigma | | | | 240 | | 8 | | 485 | | |
| Roxas City | 14.6 | 200 | | 250 | | 0 | | 410 | | 860 |
| Total | 72.9 | 7,075 | | 4,425 | | 166 | | 5,558 | | 17,224 |

Sources :MPWH, District Engineer's Office & City Engineer's Office; Capiz, Governor's Office ; NEDA, Region VI

TABLE XIII.4-8(3) DAMAGE OF FLOOD CONTROL FACILITIES

| Municipality | Location | Length (m) | Amount (₱1000) |
|---|---|---|---|
| Cuartero | Panay River | 220 | 2,900 |
| Mambusao | Mambusao River | 80 | 1,000 |
| Panay | Panay River | 80 | 2,000 |
| Panitan | Banga-an River | 30 | 360 |
| Pontevedra | Agbalo River | 200 | 2,000 |
| Sigma | Mambusas River | 15 | 180 |
| Roxas City | Panay River | - | 400 |
| Total | | | 8,840 |

Sources : MPWH, District Engineer's Office and City Engineer's Office

TABLE XIII.4-8(4) DAMAGE OF WATER SUPPLY FACILITIES (LEVEL I)

| Municipality | No. of Unit | Amount (Pesos) |
|---|---|---|
| Cuartero | 2 | 10,632 |
| Dao | 1 | 4,000 |
| Dumalag | 2 | 7,868 |
| Dumarao | 3 | 10,967 |
| Maayon | 1 | 8,500 |
| Mambusao | 1 | 4,000 |
| Panay | 2 | 6,967 |
| Panitan | 1 | 3,934 |
| Pontevedra | 3 | 14,566 |
| Roxas City | 3 | 11,934 |
| Total | | 83,368 |

Sources : MPWH, District Engineer's Office and City Engineers's Office

TABLE XIII.4-8(5) DAMAGE OF ELECTRICITY NETWORK SYSTEM

| Item | Whole Service Area (Capiz) | | Basin | Owner |
|---|---|---|---|---|
| | Number | Amount (₱1000) | Amount (₱1000) | |
| 1. Supply Cable | 553 km | 5,300 | 1,357 | CAPELCO |
| 2. Pole | 2,206 | 1,800 | 461 | CAPELCO |
| 3. Transmission | | 1,750 | - | CAPELCO |
| 4. -do- | | 144 | - | NPC |
| Total | | 8,994 | 1,818 | |

Note : Most of above facilities might be destroyed by gales of wind. A part of cable and pole damages might be caused by flood, the amount of which would be in proportion to the ratio (0.256) of affected road length (72.9km) to total road length (285.1km).

Sources : NPC; CAPELCO

TABLE XIII.4-8(6) DAMAGE OF TELEPHONE NETWORK SYSTEM

| Item | Amount (₱1000) | Remark |
|---|---|---|
| Service Cable | 73 | ₱1,818,000/2 x 20%/3 x (14.6km/4/72.9km/5) |
| Total | 73 | |

Notes : /1 According to a manager of Public Affairs Division of PLDT, the amount of telephone cable damage would be estimated less than 20% of the damage of electricity network, because the telephone cable is set up on the poles established by CAPELCO. Furthermore, they are serving only within Roxas City.

/2 Damage of the electricity network

/3 Damage ratio of telephone network to the electricity network

/4 Length of affected national road in Roxas City

/5 Length of affected national road in Capiz

TABLE XIII.4-8(7) DAMAGE OF RAILWAY

| Item | Number | Amount (₱1000) | Remark |
|---|---|---|---|
| 1. Embankment | 19km | 60.0 | Washed out at the 77km point from Iloilo |
| 2. Bridge | 2 | 159.4 | |
| Total | | 249.4 | |

Source : Panay Railway, Inc.

TABLE XIII. 4-9 RELIEF OPERATIONS

| Item | Amount (₱1000) |
|---|---|
| 1. Commodity assistance program (For 12,513 families) | 3,504/1 |
| 2. Distribution of various types of medicines | 489 |
| 3. Chlorination of water sources (9315 water sources chlorinated) | 28 |
| 4. Tetanus toxoid immunization (100 vials) | 6 |
| Total | 4,027 |

Note : /1 Calculated on the fact that ₱34,776,000 is spent for 124,201 families as a commodity assistance program.

Source : NEDA, Region VI

TABLE XIII.4-10 HUMAN DAMAGE IN CAPIZ PROVINCE

| Municipality | Dead | Injured | missing | Total |
|---|---|---|---|---|
| Cuartero* | 3 | 82 | 0 | 85 |
| Dao* | 5 | 27 | 0 | 32 |
| Dumalag* | 5 | 168 | 0 | 173 |
| Dumarao* | 2 | 84 | 0 | 86 |
| Ivisan | 2 | 211 | 0 | 213 |
| Jamindan* | 11 | 319 | 0 | 330 |
| Maayon* | 0 | 7 | 0 | 7 |
| Mambusao* | 13 | 256 | 0 | 269 |
| Panay* | 225 | 331 | 18 | 574 |
| Panitan* | 12 | 108 | 0 | 120 |
| Pilar | 119 | 73 | 250 | 442 |
| Pontevedra* | 28 | 73 | 1 | 102 |
| Pres. Roxas | 19 | 34 | 4 | 57 |
| Sapian | 7 | 22 | 0 | 29 |
| Sigma* | 13 | 80 | 2 | 95 |
| Tapaz* | 2 | 24 | 0 | 26 |
| Roxas City* | 21 | 66 | 2 | 89 |
| Total (in Capiz) | 487 | 1,965 | 277 | 2,729 |
| Total (in the Basin) | 340 | 1,625 | 23 | 1,988 |

Remark : * means municipalities related to the basin.

Sources : Capiz, Govenor's Office and City Mayour's Office

TABLE XIII.4-11 DIRECT DAMAGE BY THE FLOOD IN THE BASIN

| Item | Amount (P1000) | | Percentage | |
|---|---|---|---|---|
| 1. Crop Damage | 115,938 | | 47 | |
| Paddy | | 100,243 | | 40 |
| Corn | | 1,664 | | 1 |
| Sugar Cane | | 7,231 | | 3 |
| Others | | 6,800 | | 3 |
| 2. Livestock Damage | 5,805 | | 2 | |
| 3. Fishpond Damage | 3,868 | | 2 | |
| 4. Building Damage | 90,149 | | 36 | |
| Residential Building | | 42,373 | | 17 |
| Non-residential Building | | 47,776 | | 19 |
| 5. Infrastructure Damage | 31,868 | | 13 | |
| Total | 247,628 | | 100 | |

TABLE XIII. 4-12 DAMAGE RATIO OF INFRASTRUCTURE

| Item | Figure |
|---|---|
| 1. Total Number of Damaged Residential Building within the Flood Prone Area(Table XIII. 2-6(1)) | 63,376 |
| 2. Total Amount of Damaged Residential Building within the Area (Table XIII. 2-6 (1)) | ₱214,614x10$^3$ |
| 3. Average Damage Amount Per Unit | ₱3,400 |
| 4. Total Number of Damaged Non-residential Building within the Area/1 | 2,300 |
| 5. Total Amount of Damaged Non-residential Building within the Area (Table XIII. 2-6(2)) | ₱95,224x10$^3$ |
| 6. Average Damage Amount Per Unit | ₱41,400 |
| 7. Number of Inundated Building/2 A. Residential | 12,513 |
| 8. B. Non-residential | 1,154 |
| 9. Estimated Damage Amount of Inundated Building [(3)x(7)+(6)x(8)] | ₱90,149x10$^3$ |
| 10. Damage Amount of Infrastructure Affected by the Flood (Table XIII. 2-7) | ₱31,868x10$^3$ |
| 11. Damage Ratio of Infrastructure to Buildings [(10)/(9)] | 35% |

Remarks : /1 Refer to section 2-6.

/2 The number is calculated by the river system model.

FIGURES

FOR

APPENDIX XIII

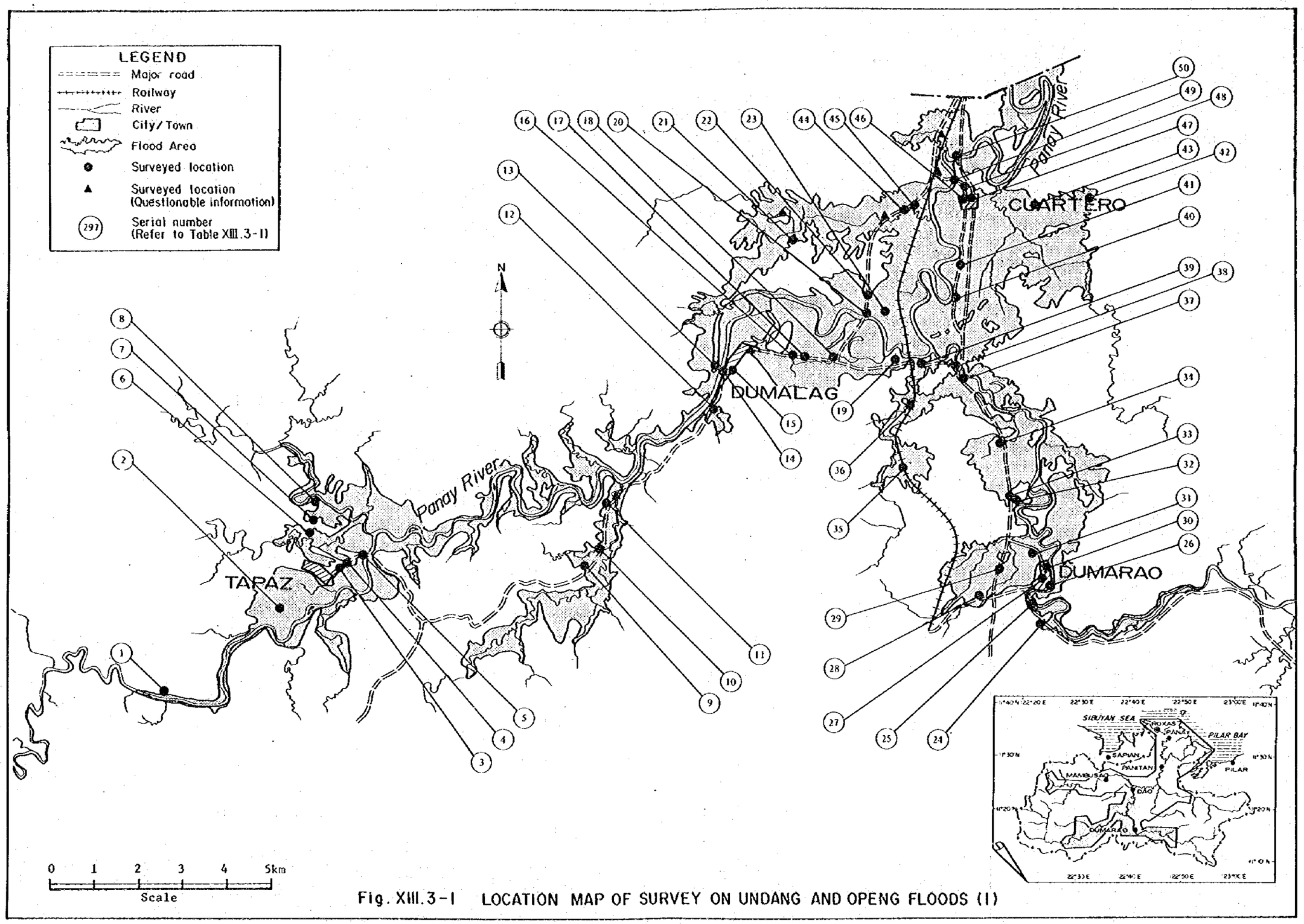



Fig. XIII.3-1 LOCATION MAP OF SURVEY ON UNDANG AND OPENG FLOODS (I)

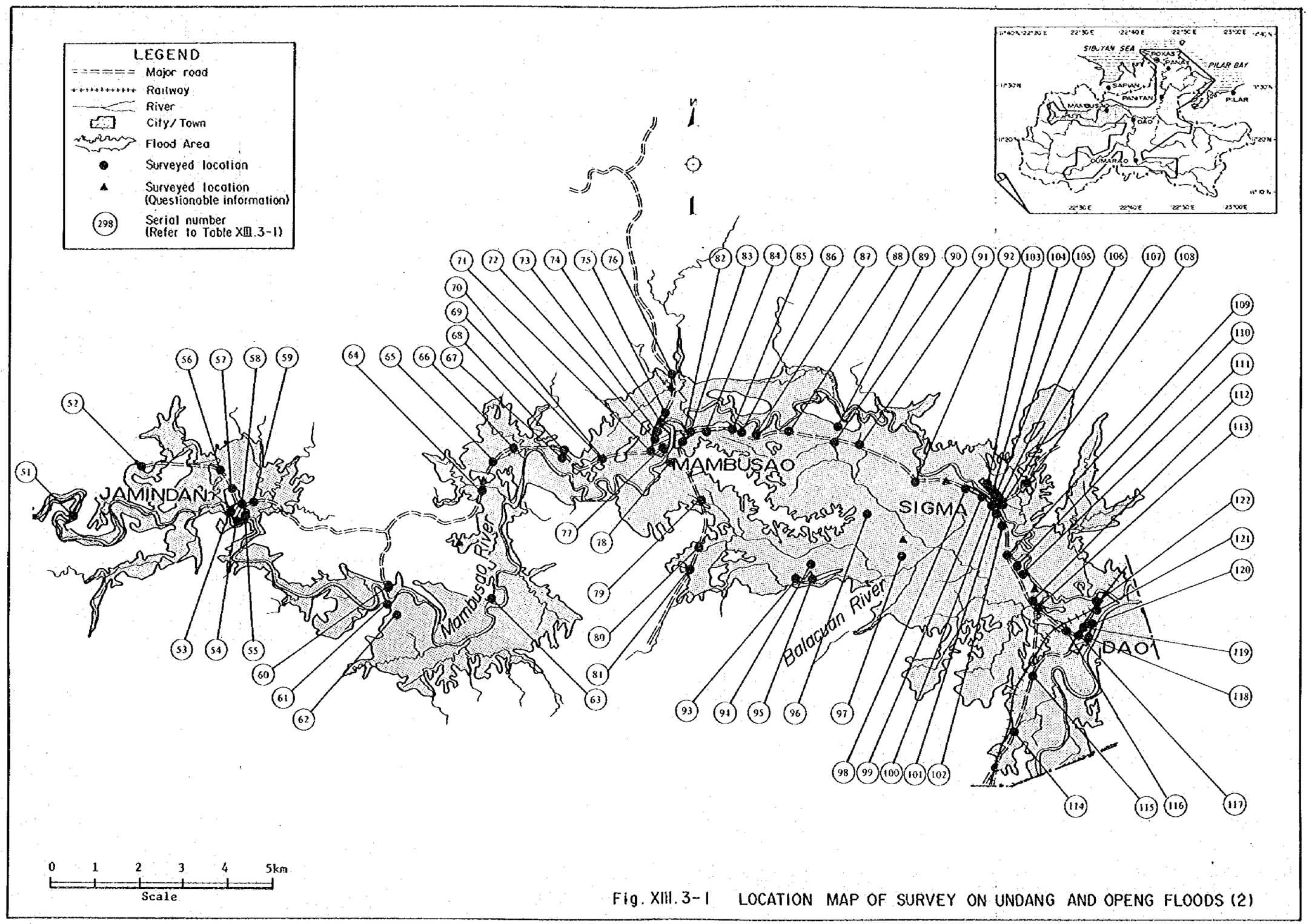
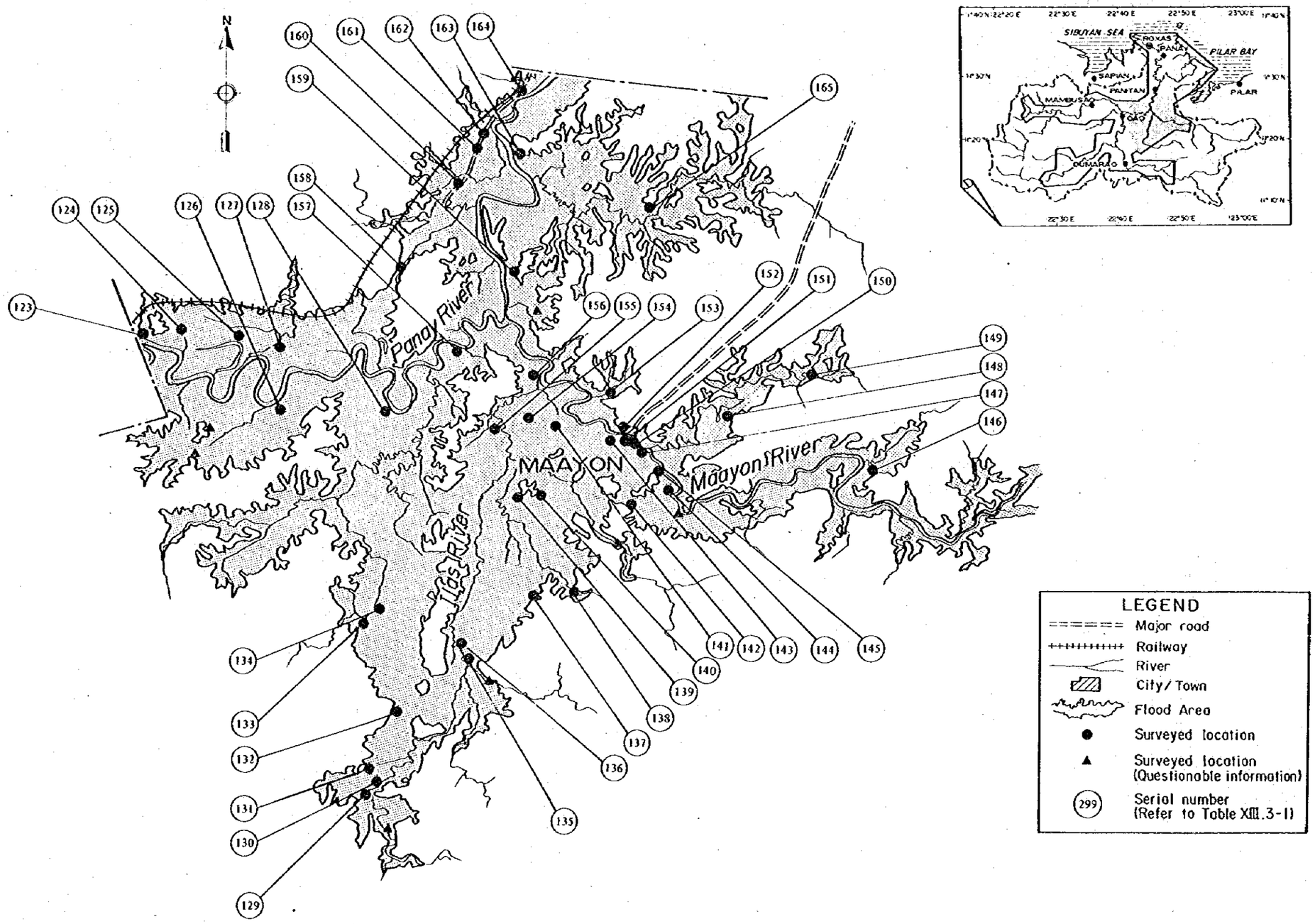



Fig. XIII.3-1 LOCATION MAP OF SURVEY ON UNDANG AND OPENG FLOODS (2)




0 1 2 3 4 5km
Scale

Fig. XIII. 3-1 LOCATION MAP OF SURVEY ON UNDANG AND OPENG FLOODS (3)

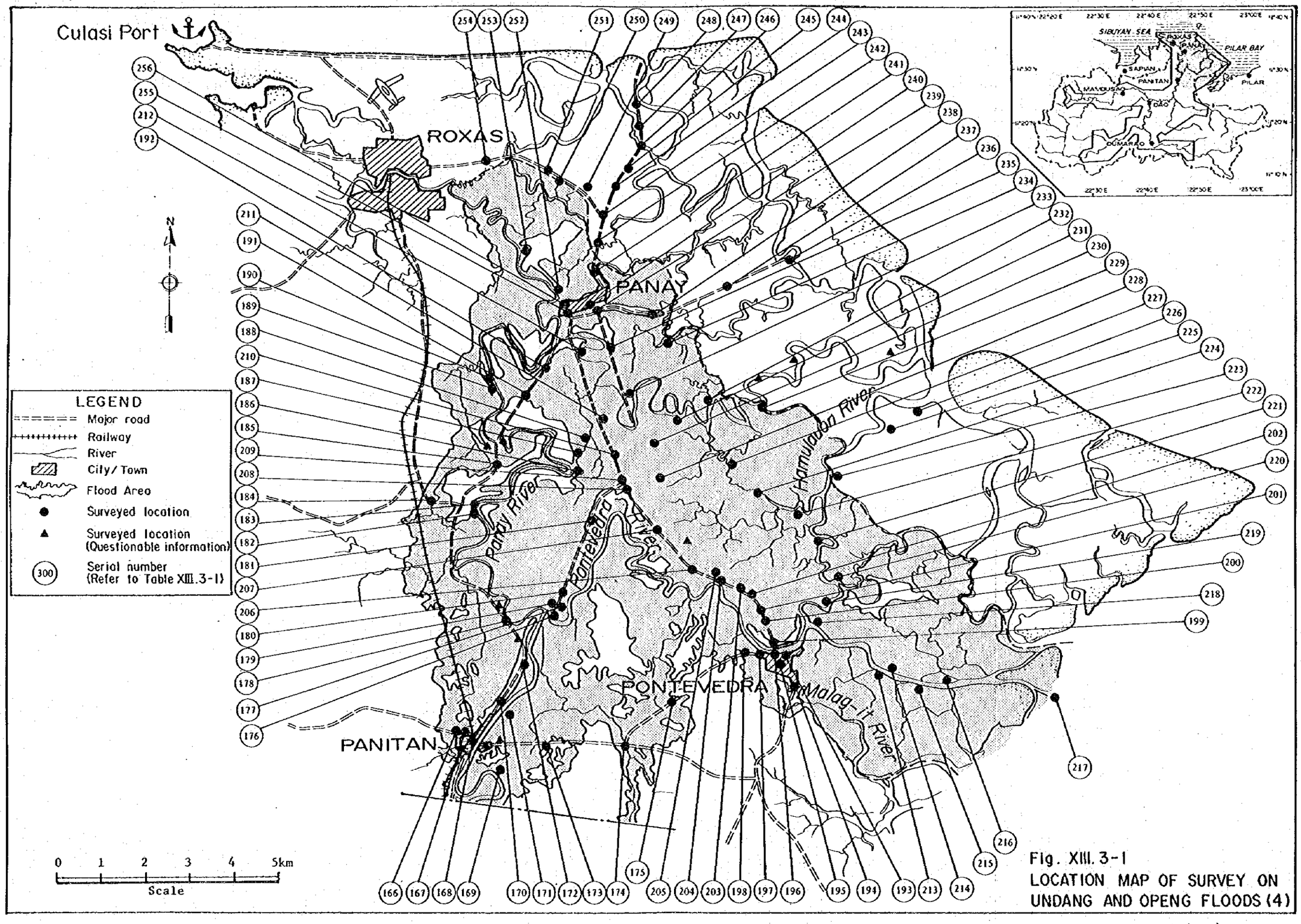
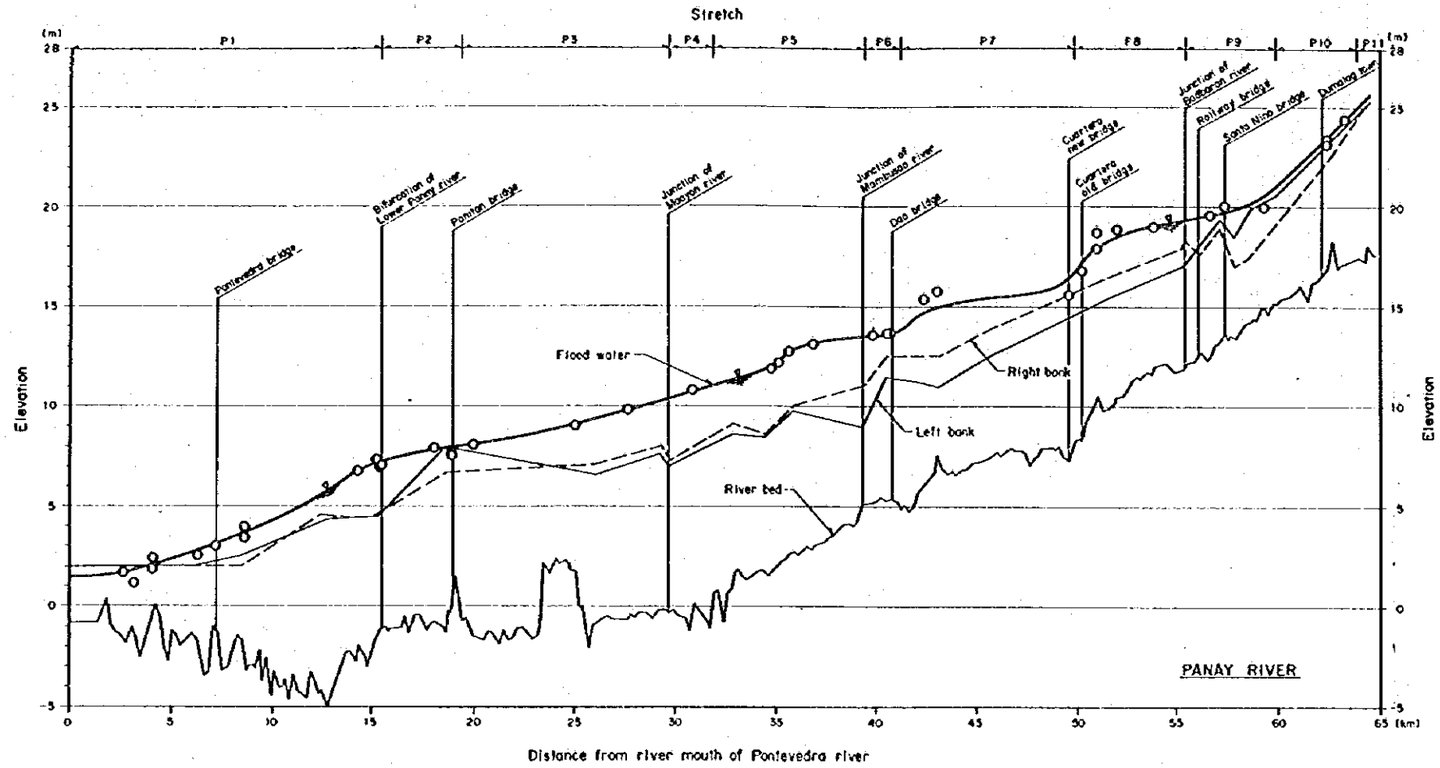
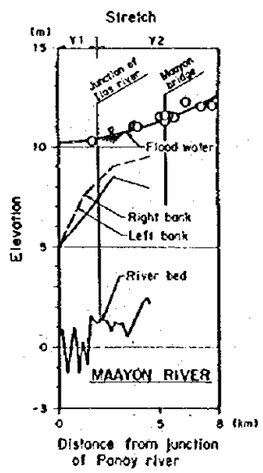
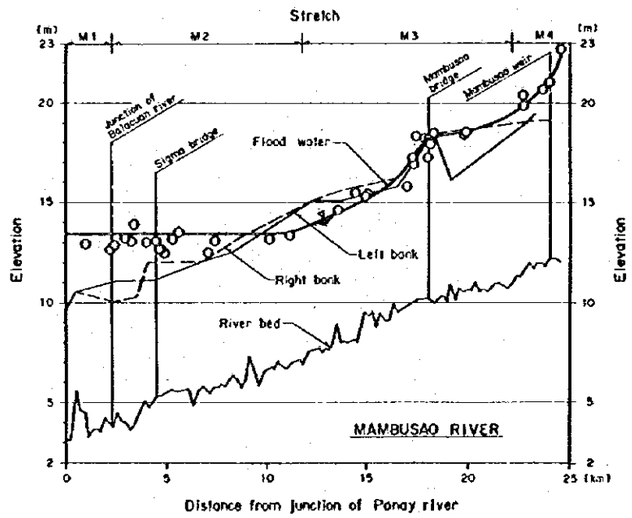
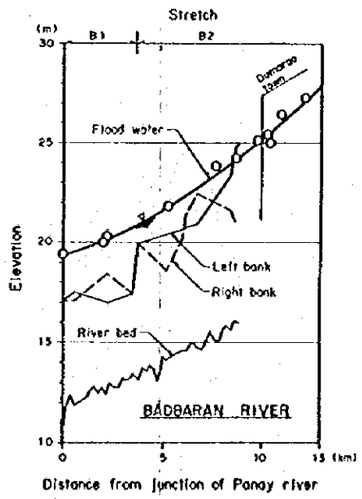



Fig. XIII. 3-1
LOCATION MAP OF SURVEY ON UNDANG AND OPENG FLOODS (4)




Remarks : O shows surveyed water level

Fig.XIII.3-2 LONGITUDINAL WATER PROFILE BY UNDANG FLOOD