FLOODING IN UPPER BURNETT RIVER

February 2003

Introduction
In the 72 hours to 9am 7th February, heavy rainfall occurred in the upper reaches of the Burnett River.

The resulting flooding caused major flooding along the Burnett River down to Mundubbera and were the largest in the area for the last 50 years.

Rainfall Totals
Over the three days total rainfall ranged from nearly 400 mm in the eastern part of the catchment around Upper Monal to 200 mm in the western parts of the catchment. The highest 24 hours rainfall was recorded at Upper Monal.

Table 1 Rainfall Totals (mm)

<table>
<thead>
<tr>
<th>Station Name</th>
<th>24 hours to 9am</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td>Upper Monal TM *</td>
<td>141</td>
<td>137</td>
</tr>
<tr>
<td>Monto Airport SYN</td>
<td>92</td>
<td>80</td>
</tr>
<tr>
<td>Abercorn</td>
<td>82</td>
<td>62</td>
</tr>
<tr>
<td>Abercorn TM *</td>
<td>79</td>
<td>70</td>
</tr>
<tr>
<td>Dakiel TM *</td>
<td>99</td>
<td>101</td>
</tr>
<tr>
<td>Yarrol TM *</td>
<td>88</td>
<td>68</td>
</tr>
<tr>
<td>Lands End TM *</td>
<td>67</td>
<td>38</td>
</tr>
<tr>
<td>Colodan</td>
<td>68</td>
<td>52</td>
</tr>
<tr>
<td>Eidsvold</td>
<td>46</td>
<td>28</td>
</tr>
<tr>
<td>Eidsvold TM *</td>
<td>40</td>
<td>24</td>
</tr>
<tr>
<td>Mundubbera</td>
<td>24</td>
<td>18</td>
</tr>
<tr>
<td>Gayndah Airport AWS *</td>
<td>30</td>
<td>13</td>
</tr>
<tr>
<td>Dingle Dell TM *</td>
<td>88</td>
<td>59</td>
</tr>
<tr>
<td>Mt Perry</td>
<td>100</td>
<td>58</td>
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</table>

* Signifies automatic station
Figure 1 Rainfall (mm) 72 hours to 9am 7th February 2003
River Levels

The flood peaks reached in the upper Burnett River above Mundubbera are the highest in the last 45 years and appear to be similar in magnitude to the flood of March 1956.

The record height at Abercorn indicates that is substantially less than February 1942 but since this time, Cania and Wuruma Dams have been constructed.

Table 2 Upper Burnett Flood Peaks

<table>
<thead>
<tr>
<th>Station</th>
<th>Commenced</th>
<th>Feb 2003 Peak</th>
<th>Record Peak</th>
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</thead>
<tbody>
<tr>
<td>Abercorn</td>
<td>1942</td>
<td>8.20</td>
<td>9.55 Feb 1942</td>
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<tr>
<td>Abercorn TM</td>
<td>1964</td>
<td>8.29</td>
<td>8.50 Jan 1996</td>
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<tr>
<td>Ceratodus TM</td>
<td>1948</td>
<td>14.12</td>
<td>14.50 Mar 1956</td>
</tr>
<tr>
<td>Eidsvold Br</td>
<td>1955</td>
<td>14.35</td>
<td>12.60 Mar 1956</td>
</tr>
<tr>
<td>Mundubbera</td>
<td>1942</td>
<td>10.60</td>
<td>23.62 Feb 1942</td>
</tr>
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