

CHANGES TO THE 2009-10 WATER YEAR - SNOWY RIVER INCREASED FLOWS

365 DAILY RELEASE TARGETS

WHAT DO THE CHANGES MEAN?

For previous water years, Snowy Hydro was provided with monthly and annual release targets for Snowy River Increased Flows. These targets were to be met by achieving equal daily flows each month, as prescribed in the Snowy Water Licence. For the 2009-10 water year Snowy Hydro is required to meet specific and varying daily targets throughout the whole year. This change to daily release patterns is as a result of the advice of the Snowy Scientific Committee to the NSW Government.

WHO IS THE SNOWY SCIENTIFIC COMMITTEE?

The Snowy Scientific Committee is a committee established under the Snowy Hydro Corporations Act 1997 (NSW).

Its members are appointed by the NSW and Victorian governments, with the chair to be an independent scientist with expertise in aquatic environments. The committee is not subject to the control or direction of the governments.

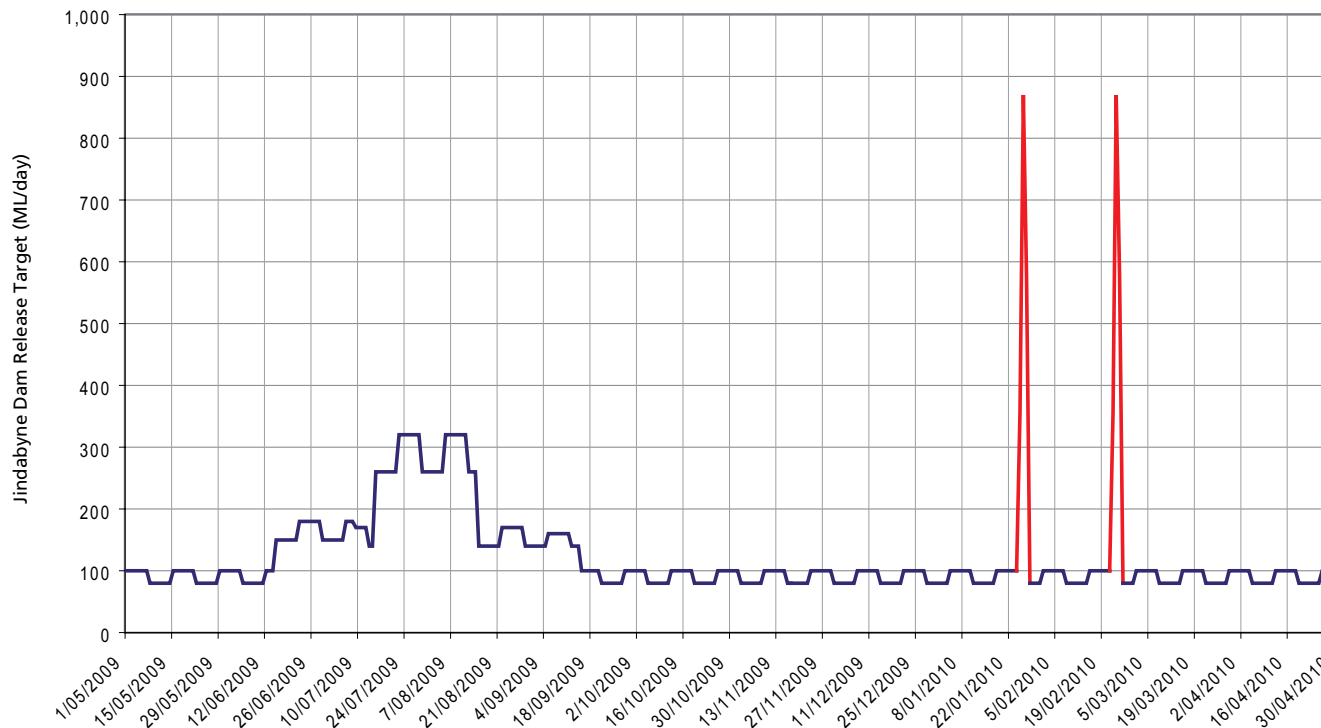
One of the main functions of the Snowy Scientific committee is to advise the Water Administration Ministerial Corporation (NSW Government) each year on the regime for the release of water for environmental reasons under the Snowy Water Licence.

WHAT WERE THE RECOMMENDATIONS?

For the 2009-10 water year the Snowy Scientific Committee's notification of environmental flow requirements outlined three recommendations:

1. Provide a persistent but variable base flow throughout the year to maintain aquatic habitat and wetted perimeter of the channel
2. A peak flow of 870 ML per day lasting 1-2 days should be released in January and again in February.
3. Water from Jindabyne Dam should be released so as to minimise the combined negative effects of river regulation and diversion on downstream water quality including river temperatures.

Jindabyne Daily Release Targets for 2009-10 Water Year



WHAT ARE THE TARGETS?

The daily Jindabyne release targets outlined opposite in the graph and also in the calendar on the back of this page incorporate the recommendations with peak flows occurring in 3-day periods in January and February 2010. Equivalent monthly release targets are also outlined in that calendar as well as the annual total.

These flows will be released irrespective of inflows into or water levels of Lake Jindabyne.

Calendar of Snowy River Daily Release Targets - Low Flows and Peak Releases in ML/day

Day	May	June	July	August	September	October	November	December	January	February	March	April
1	100	100	150	260	140	100	100	80	80	100	100	100
2	100	100	150	260	140	100	80	80	80	100	100	100
3	100	100	150	260	140	100	80	80	80	100	100	100
4	100	100	150	260	140	100	80	80	100	100	100	100
5	100	80	150	320	160	80	80	80	100	100	100	80
6	100	80	180	320	160	80	80	80	100	100	100	80
7	100	80	180	320	160	80	80	100	100	100	100	80
8	80	80	180	320	160	80	80	100	100	80	80	80
9	80	80	170	320	160	80	100	100	100	80	80	80
10	80	80	170	320	160	80	100	100	100	80	80	80
11	80	80	170	320	160	80	100	100	80	80	80	80
12	80	100	170	260	140	100	100	100	80	80	80	100
13	80	100	140	260	140	100	100	100	80	80	80	100
14	80	100	140	260	140	100	100	80	80	80	80	100
15	100	150	260	140	100	100	100	80	80	100	100	100
16	100	150	260	140	100	100	80	80	80	100	100	100
17	100	150	260	140	100	100	80	80	80	100	100	100
18	100	150	260	140	100	100	80	80	100	100	100	100
19	100	150	260	140	100	80	80	80	100	100	100	80
20	100	150	260	140	100	80	80	80	100	100	100	80
21	100	150	260	140	80	80	80	100	100	100	100	80
22	80	180	320	170	80	80	80	100	100	356	80	80
23	80	180	320	170	80	80	100	100	100	870	80	80
24	80	180	320	170	80	80	100	100	100	576	80	80
25	80	180	320	170	80	80	100	100	356	80	80	80
26	80	180	320	170	80	100	100	100	870	80	80	100
27	80	180	320	170	80	100	100	100	576	80	80	100
28	80	180	320	170	100	100	100	80	80	80	80	100
29	100	150	260	140	100	100	100	80	80		100	100
30	100	150	260	140	100	100	80	80	80		100	100
31	100		260	140		100		80	80		100	
TOTAL	2,820	3,870	7,090	6,650	3,560	2,820	2,700	2,760	4,322	4,082	2,820	2,720
ANNUAL TOTAL : 46,142												