

MILESTONES IN ACCELERATOR OPERATION

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The accelerator run that ended June 25, although abbreviated for work on Fermilab's future accelerator, was in many ways the most successful running period we have ever had. We can preen ourselves on:

(i) The highest operating efficiency for any 6-month period in our history. We measure operating efficiency as the ratio of actual to scheduled hours of operation and data are collected separately for high-energy physics and accelerator studies. For the first half of 1980, we measured

	<u>Scheduled Hours</u>	<u>Actual Hours</u>	<u>Efficiency (%)</u>
HEP	2148.4	1708.3	78
Studies	361.5	340.7	94
Total	2559.9	2049.0	80

(ii) The largest number of operating hours ever recorded in a week, 150 out of a possible 168.

(iii) We operated for long periods successfully splitting a high-intensity (more than 2.1×10^{13} protons) beam among the three experimental areas.

We plan to better these marks when accelerator operation resumes.



Members of the Fermilab Users Executive Committee for 1980-81 are (L-R) Frank Turkot, Melvin Schwartz, John Rotherford, Thomas J. Devlin, Vincent Peterson, Sharon Hagopian, Charles M. Ankenbrandt, Phyllis Hale (Fermilab Users Office), Thomas Romanowski, Lawrence W. Jones (chairperson), Richard Gustafson, and Konstantin Goulianos.

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