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18 ADDITIONAL HISTORICAL OUTBURSTS OF THE  
 CATAclysmic VARIABLE J05.23

The dwarf nova J05.23 was discovered in an objective-prism photographic survey by Maza *et al.* (1992), at which time it was at or near minimum. Wenzel (1993) inspected plates in the Sonneberg Sky Patrol collection from 1928 to 1983, and found one distinct outburst.

A search of more than 700 plates, 1888-1989, from the Harvard College Observatory's collection (most of the plates searched were taken in the interval 1930-1952), has revealed 18 additional outbursts of J05.23. Rough *B*-magnitudes during outburst are derived from a sequence based on fields S501 and S569 from *The Guide Star Photometric Catalog* (Lasker *et al.* 1988). In the table below are given the Julian Date and *B*-magnitudes corresponding to each outburst, as well as magnitude limits for dates when the star could not be seen, where these observations serve to impose a meaningful limit on outburst duration. A (2) following a magnitude indicates it is the mean of two observations for that date.

<u>J.D.</u>	<u>B mag</u>	<u>J.D.</u>	<u>B mag</u>	<u>J.D.</u>	<u>B mag</u>	<u>J.D.</u>	<u>B mag</u>
18734	>12.5	26130	>14.9	28995	>14.9	44728	>14.9
18748	12.1	26147	12.4	29017	12.8	44748	12.5
18764	>12.5	26158	14.3	29020	>14.9		
						46178	>14.9
20511	>13.7	26505	>14.9	30157	>14.9	46195	13.2
20547	12.4	26531	12.5 (2)	30159	13.7	46209	>14.9
20593	>13.7			30162	12.5		
		27093	>14.9	30163	12.2	47317	>13.7
21338	>12.5	27162	13.7			47327	13.2
21348	13.4	27194	>13.7	31643	>13.7	47349	>13.7
21361	>12.5			31655	12.1		
		27870	>12.5			47570	>13.7
23503	12.5	27890	12.5	32262	>13.7	47590	13.2
23526	>13.7	27891	>12.5	32286	14.3	47616	>14.9
		27901	>14.9	32287	12.2		
25411	>14.9			32315	>13.7		
25418	13.0	28302	>13.7				
25433	>13.7	28304	12.3 (2)				
		28314	10.6 (2)				
		28330	14.9				

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