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NEW PHOTOELECTRIC TIMES OF MINIMA OF W URSAE MAJORIS

Using the 75 cm telescope of the Wilhelm Foerster Observatory Berlin, we observed W UMA during 12 nights between 1976 and 1982. The telescope is equipped with a single channel, uncooled photometer with an IP21 photomultiplier, usual UBV filters and a conventional DC amplifier. As comparison stars, we used AGK<sub>3</sub>+55°696 and +56°764. We determined 9 times of minima from our measurements by the Pogson method, they are given in Table I, n is the

Table I  
 Heliocentric Times of Minima of W Uma

Jul. Date	m.e.	n	O - C	Colour	Remarks
24 42816. <sup>d</sup> 5501	$\pm 0.d0014$	54	} - 0. <sup>d</sup> 0036	V	Min. II
42816.5494	.0014	49		B	"
42840.5708	.0008	147	.0045	V	"
43559.3948	.0009	136	.0034	V	
43604.4370	.0008	102	.0023	V	
43608.4378	.0007	101	} .0046	V	
43608.4390	.0013	77		B	
43930.4012	.0005	93	.0024	V	
44691.4269	.0010	65	} .0049	V	
44691.4267	.0006	62		B	
45020.3929	.0021	13	} .0061	V	
45020.3922	.0014	13		B	
45061.4291	.0007	88	} .0060	V	
45061.4311	.0010	88		B	

number of individual measurements. The O-C values are calculated with Rigterink's elements (1972).

U. HOPP , S. WITZIGMANN , M. KIEHL  
Wilhelm Foerster Observatory  
Munsterdamm 90  
D 1000 Berlin 41, FRG

Reference:

Rigterink, P.V.:1972, Astron. J. 77.230