

1994 August 15

EARLY WARNING CIRCULAR 142

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COMET MACHHOLZ (1994o)

Donald E. Machholz reports his visual discovery of a comet.
The following observations are available:

1994 UT	R.A. (2000)	Decl.	m1	Observer
Aug. 13.4215	4 12.9	+62 48	10	Machholz
13.80190	4 20 30.42	+62 37 18.1		Kojima
13.80304	4 20 31.66	+62 37 18.1		"
13.80431	4 20 33.44	+62 37 18.6		"
13.80535	4 20 35.32	+62 37 11.6		"

D. E. Machholz (Colfax, CA). 0.25-m reflector. Comet diffuse with little condensation; coma diameter perhaps 3'-4'.

T. Kojima (YGCO Chiyoda Observatory). 0.25-m reflector + CCD. Poor conditions in twilight. Comet diffuse with condensation.

Communicated by S. Nakano, Sumoto, Japan.

This comet appears to be rapidly moving into morning twilight; rather than wait for the preliminary elements, the Assistant Editor provides approximate positions for the next 8 days based on a graphical solution. These positions will only be accurate to a degree or so by the time of Full Moon (21st).

1994 UT	R.A. (2000)	Decl.
Aug. 16.0	5 07.0	+60.6
17.0	5 25.0	+59.4
18.0	5 42.0	+58.0
19.0	5 58.0	+56.5
20.0	6 12.0	+54.7
21.0	6 25.0	+53.0
22.0	6 36.0	+51.0
23.0	6 48.0	+49.1

(In the absence of the Editor, who is in Scandinavia, all fax circulars are being dispatched by post)

Martin Mobberley