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COMET P/2010 UH55 (SPACEWATCH)

Additional observations:

PK10U55H KC2011 11 28.02040 10 48 55.21 -01 49 33.6	18.9
TvEW082C32	
PK10U55H KC2011 11 28.02681 10 48 55.50 -01 49 36.5	18.7
TvEW082C32	
PK10U55H KC2011 11 28.03329 10 48 55.82 -01 49 39.5	19.0
TvEW082C32	
PK10U55H \$C2011 11 28.62753 10 49 22.68 -01 53 51.7	18.2
TrEW082F65	
PK10U55H \$C2011 11 28.62909 10 49 22.80 -01 53 52.6	18.2
TrEW082F65	
PK10U55H \$C2011 11 28.63064 10 49 22.90 -01 53 54.5	18.3
TrEW082F65	

Observer details:

[C32 Ka-Dar Observatory, TAU Station, Nizhny Arkhyz.](#) Observer V. Gerke.

Measurers A. Novichonok, D. Chestnov. 0.40-m f/8 Ritchey-Chretien + CCD.

[F65 Haleakala-Faulkes Telescope North.](#) Observers G. Sostero, K. Rochowicz,

N. Howes, E. Guido. 2.0-m f/10.0 Ritchey-Chretien + CCD.

Orbital elements:

P/2010 UH55 (Spacewatch)

Epoch 2011 Apr. 29.0 TT = JDT 2455680.5

T 2011 May 10.36035 TT

				MPC	
q	2.7679685	(2000.0)	P	Q	
	0.05926901	Peri.	221.61772	-0.11360539	-0.98578606
a	6.5150478	Node	235.26466	+0.94670025	-0.06961276
e	0.5751423	Incl.	8.66245	+0.30141740	-0.15290488

P 16.63

From 114 observations 2010 Sept. 12-2011 Nov. 28, mean residual 0".49.

Residuals in seconds of arc

100912 J04	1.5+	0.4+	101127 G96	0.2+	0.3-	110127 704	0.1+	0.0
100912 J04	1.2+	0.4+	101127 G96	0.2+	0.3-	110127 704	0.1-	1.1+
100912 J04	1.1+	0.0	101127 703	0.5+	0.5+	110127 704	1.4+	1.4+
101029 691	0.7-	0.1-	101127 703	0.6-	0.3-	110206 704	0.0	0.0
101029 691	0.1-	0.3-	101127 703	0.3-	0.2-	110206 704	0.0	0.9-
101029 691	0.2+	0.0	101127 703	0.8-	0.3-	110206 704	0.0	0.7-
101102 691	0.6-	0.1+	101203 704	0.3+	0.7+	110225 H10	0.3-	0.7-
101102 691	0.2-	0.1-	101203 704	0.1+	0.8+	110225 H10	0.1+	0.6+
101102 691	0.5-	0.0	101203 704	0.1-	0.1+	110225 H10	0.5+	0.4+
101106 704	1.0+	0.5+	101203 704	0.0	0.1+	110302 703	0.0	0.8+
101106 704	0.4+	0.2+	101206 704	0.3+	0.1+	110302 703	0.0	0.7+

101106	704	0.8+	0.6+	101206	704	0.9+	0.5-	110302	703	0.1-	1.5+
101106	704	0.3-	0.3-	101206	704	0.2+	0.5-	110302	703	0.1-	0.4+
101106	704	0.1+	0.5-	101206	704	0.4+	0.7-	110302	510	0.3+	0.7+
101110	G96	0.2-	0.0	101206	704	0.1+	0.2-	110302	510	0.3+	0.6+
101110	G96	0.2-	0.1-	101206	704	1.0-	0.1+	110303	704	0.2+	0.9+
101110	G96	0.3+	0.2-	101206	704	0.0	0.4-	110303	704	0.1-	0.1-
101110	G96	0.2-	0.2-	101206	704	0.8+	0.2+	110303	704	0.1+	0.4-
101113	704	0.0	0.4+	101212	G96	0.2-	0.1-	111029	H06	0.2+	0.2-
101113	704	0.3+	1.2+	101212	G96	0.1+	0.5-	111029	H06	0.1+	0.2+
101113	704	0.3+	0.0	101212	G96	0.2-	0.4-	111029	H06	0.3+	0.5+
101113	704	0.2+	0.4-	101212	G96	0.5-	0.3-	111030	H06	0.1+	0.5-
101113	704	0.3+	0.5+	101213	704	0.5+	0.4+	111030	H06	0.1-	0.8-
101117	H06	0.6+	1.0+	101213	704	0.4-	0.2+	111030	H06	0.5-	0.0
101117	H06	0.4+	0.7+	101213	704	0.8+	0.3-	111101	I89	0.4+	0.1+
101117	H06	0.7+	0.9-	101213	704	0.2-	0.2-	111101	I89	0.3+	0.0
101118	H06	0.6+	0.1+	101213	704	0.7-	0.5+	111103	H06	0.5-	1.3+
101118	H06	0.6-	0.1-	101224	H15	0.0	0.0	111103	H06	0.5-	0.2-
101118	H06	0.6-	0.4+	101224	H15	0.2-	0.3+	111107	H06	0.1+	0.4-
101125	A50	0.6+	0.4-	101224	H15	0.0	0.1-	111107	H06	0.3+	0.2-
101125	A50	0.2+	0.1+	101224	H15	0.0	0.1+	111115	204	0.7-	0.3-
101125	A50	0.0	0.5+	110105	H10	0.2+	0.2-	111115	204	1.1-	0.1-
101127	H15	0.8-	0.8-	110105	H10	0.5+	0.4-	111128	C32	0.1-	0.1-
101127	H15	0.5-	0.6-	110105	H10	0.1+	0.5-	111128	C32	0.1-	0.3-
101127	H15	0.3-	0.4-	110112	J04	0.0	0.2-	111128	C32	0.4+	0.5-
101127	H15	0.2-	0.2-	110112	J04	0.2-	0.1-	111128	F65	0.5-	0.5+
101127	G96	0.4+	0.3-	110112	J04	0.1-	0.0	111128	F65	0.3+	0.3+
101127	G96	0.0	0.3-	110127	704	1.0-	0.0	111128	F65	0.8+	1.0-

Ephemeris:

P/2010 UH55 (Spacewatch)											
Date	TT	R. A. (2000)			Decl.	Delta	r	Elong.	Phase	ml	
2011 10 31		10 22 24.9	+01 52 27		3.4375	3.0749	60.6	16.3	18.6		
19.0		...									
2011 11 15		10 37 49.8	-00 11 06		3.3003	3.1251	71.2	17.4	18.5		
19.0		...									
2011 11 23		10 44 55.2	-01 12 47		3.2218	3.1530	77.2	17.8	18.5		
19.0		...									
2011 11 29		10 49 39.3	-01 56 29		3.1613	3.1745	81.8	17.9	18.5		
18.9		...									
2011 11 30		10 50 23.6	-02 03 32		3.1511	3.1781	82.6	17.9	18.5		
18.9		...									
2011 12 01		10 51 07.0	-02 10 30		3.1409	3.1817	83.4	17.9	18.5		
18.9		...									
2011 12 07		10 55 07.8	-02 50 43		3.0794	3.2036	88.2	17.9	18.5		
18.9		...									
2011 12 15		10 59 34.7	-03 39 33		2.9973	3.2335	94.9	17.7	18.5		
18.9		...									
2011 12 30		11 04 53.0	-04 53 28		2.8483	3.2911	108.2	16.5	18.4		
18.7		...									