
**This is a preliminary version of the observer details to be listed in the
Observer Summary in the forthcoming batch of MPCs.
Ignore the date and circular numbers, which may or may not be correct.**

OBSERVATIONS OF COMETS

Observations are published here for the following observatory codes:

- 071 Rhozen. Observers V. Ivanova, B. Bilkina. Measurers B. Bilkina, G. Apostolovska. 0.50-m $f/3.44$ Schmidt + CCD.
- 102 Zvenigorod. Observer V. Vershinin. Measurer D. Chestnov. 0.25-m $f/4$ Schmidt-Newtonian + CCD.
- 106 Crni Vrh. Observer J. Vales. 0.6-m $f/3.3$ Deltagraph + CCD.
- 114 Engelhardt Observatory, Zelenchukskaya Station. Observers T. Kryachko, S. Korotkiy, B. Satovski. Measurers D. Chestnov, T. Kryachko. 0.08-m $f/7.5$ refractor + CCD, 0.20-m $f/10$ Schmidt-Cassegrain + CCD, 0.30-m $f/7.7$ Ritchey-Chrétien + CCD.
- 130 Lumezzane. Observers M. Casali, W. Marinello, M. Micheli, G. Pizzetti, A. Soffiantini. Measurer W. Marinello. 0.40-m $f/4.5$ reflector + CCD.
- 147 Osservatorio Astronomico di Suno. Observers P. Concari, D. Crespi, A. Fabi, G. Galli, K. Gauzer, S. Minuto, V. Sacco. Measurer S. Foglia. 0.40-m $f/4$ reflector + CCD.
- 160 Castelmartini. Observers P. Camilleri, E. Guido, M. Jäger, E. Prosperi, G. Sostero, W. Vollmann. Measurer E. Prosperi. 0.35-m $f/10$ Schmidt-Cassegrain + CCD.
- 186 Kitab. Observer E. Rahmatov. Reductions by G. R. Kastel'.
- 188 Majdanak. Observers T. Kryachko, S. Korotkiy, B. Satovski. Measurer D. Chestnov. 0.36-m $f/8$ reflector.
- 204 Schiaparelli Observatory. Observer L. Buzzi. 0.60-m $f/4.64$ reflector + CCD.
- 212 Osservatorio La Dehesilla. Observers I. Almendros. 0.30-m $f/10$ Schmidt-Cassegrain + CCD.
- 213 Osservatorio Montcabre. Observer R. Naves. Measurer M. Campas. 0.30-m $f/10$ Schmidt-Cassegrain + CCD.
- 215 Buchloe. Observer W. Hasubick. 0.44-m $f/4.6$ reflector + CCD.
- 232 Masquefa Observatory. Observer E. Reina. 0.25-m $f/3.3$ Schmidt-Cassegrain + CCD.
- 233 San Vito. Observer S. Donati. 0.30-m $f/10$ Schmidt-Cassegrain + CCD.
- 235 CAST Observatory, Talmassons. Observers R. Ligustri, S. Gumenuk. Measurer R. Ligustri. 0.35-m $f/6$ reflector + CCD.
- 249 SOHO. SOHO-LASCO coronagraphs C2. Remeasurements by S. Hicks, reductions by B. G. Marsden.
- 291 LPL/Spacewatch II. Observers J. V. Scotti, T. H. Bressi. 1.8-m $f/2.7$ reflector + CCD.
- 300 Bisei Spaceguard Center-BATTeRS. Observers A. Asami, N. Hashimoto. 1.0-m $f/3.0$ reflector + CCD.
- 349 Ageo. Observer K. Kadota. 0.25-m $f/5.0$ reflector + CCD.
- 367 Yatsuka. Observer H. Abe. 0.26-m $f/6.0$ reflector + CCD.
- 372 Geisei. Observer T. Seki. 0.60-m $f/3.5$ reflector.
- 379 Hamamatsu-Yuto. Observer S. Wakuda. 0.25-m $f/5.0$ Schmidt-Cassegrain + CCD.
- 423 North Ryde. Observer S. G. McAndrew. 0.20-m $f/4$ hyperbolic astrograph + CCD.
- 442 Gualba Observatory. Observer A. Sánchez. 0.36-m $f/7$ Schmidt-Cassegrain + CCD.
- 467 Auckland Observatory. Observers G. W. Christie, T. Natusch, H. Ngan. Measurer G. W. Christie. 0.40-m $f/10$ Schmidt-Cassegrain + CCD.
- 473 Remanzacco. Observers L. Donato, M. Gonano, V. Gonano, E. Guido, V. Santini, G. Sostero. 0.45-m $f/4.4$ Newtonian reflector + CCD.
- 474 Mount John Observatory, Lake Tekapo. Observers A. C. Gilmore, P. M. Kilmartin. Measurer P. M. Kilmartin. 1.0-m $f/7.7$ reflector + CCD.
- 480 Cockfield. Observer M. P. Mobberley. 0.36-m $f/7.7$ Schmidt-Cassegrain + CCD.
- 493 Calar Alto. Observers S. Mottola, G. Hahn, U. Carsenty. Measurers G. Hahn, U. Carsenty. 1.23-m reflector + CCD.
- 510 Siegen. Observer H. Bill. 0.12-m $f/7.5$ refractor + CCD.
- 561 Pizskéstető Stn. (Konkoly). Observer J. Kelemen. 0.60-m Schmidt + CCD.
- 566 Haleakala-NEAT/GEODSS. Observers R. Bamberg, E. Helin, S. Pravdo, M. Hicks, K. Lawrence, P. Kervin. Measurer R. Matson. 1.0-m $f/2.2$ Ritchey-Chrétien + CCD.
- 583 Odessa-Mayaki. Observers V. Kashuba, Yu. Gorbanev, S. Podlesnyak. Measurer I. Stogneevea. 0.60-m $f/8.0$ Ritchey-Chrétien + CCD.
- 585 Kiev comet station. Observers A. Baransky, Y. Tarasenko, V. Ponomarenko, K. Barinova. Measurer A. Baransky. 0.7-m $f/4$ reflector + CCD.
- 608 Haleakala-NEAT/MSSS. Observers S. Pravdo, M. Hicks, K. Lawrence, D. MacDonald, P. Kervin, J. Africano. Measurers R. J. Bouma, M. Meyer. 1.2-m reflector + CCD.
- 619 Sabadell. Observer R. Casas. 0.5-m $f/4$ reflector + CCD.
- 629 Szeged Observatory. Observers G. Santa, T. Veselenyi, A. G. Garami, F. Kovacs. Measurers G. Santa, K. Sárneckzy. 0.40-m $f/3.0$ reflector + CCD.
- 644 Palomar Mountain/NEAT. Observers R. Bamberg, E. F. Helin, S. Pravdo, M. Hicks, K. Lawrence, R. Thicksten, K. Kuluhiwa. Measurers R. J. Bouma, R. Matson, M. Meyer. 1.2-m Schmidt + CCD.
- 683 Goodricke-Pigott Observatory, Tucson. Observer R. A. Tucker. 0.36-m Schmidt-Cassegrain + CCD.
- 691 Steward Observatory, Kitt Peak. Observer T. H. Bressi. 0.9-m $f/3$ reflector + CCD.
- 703 Catalina Sky Survey. Observers A. Boattini, R. E. Hill, R. A. Kowalski, A. R. Gibbs. Measurers E. C. Beshore, A. Boattini, A. R. Gibbs, A. D. Grauer, R. E. Hill, R. A. Kowalski, S. M. Larson. 0.68-m Schmidt + CCD.
- 704 Lincoln Laboratory ETS, New Mexico. Observers M. Bezpalko, D. Torres, R. Kracke, G. Spitz, M. Blythe. Measurer J. Stuart. 1.0-m $f/2.15$ reflector + CCD.
- 808 El Leoncito. Observers H. S. Lepez, J. E. Torres. Measurer H. S. Lepez. 0.5-m $f/7.5$ double astrograph + CCD.
- 820 Tarija. Observer S. Korotkiy. Measurer D. Chestnov. 0.60-m $f/12$ Ritchey-Chrétien + CCD.
- 834 Buenos Aires-AAAA. Observers R. Mackintosh, M. Konishi, R. Mykytyuk. Measurer R. Mackintosh. 0.25-m $f/6.3$ Schmidt-Cassegrain + CCD.

- 844 Los Molinos. Observers R. Salvo, S. Roland, S. Bruzzone, G. Tancredi, M. Martinez. Measurers R. Salvo, S. Roland. 0.35-m reflector + CCD.
- 850 Cordell-Lorenz Observatory, Sewanee. Observers D. T. Durig, M. A. Cowan, M. B. Barry, C. M. Allen, J. R. Pippin, F. A. Schmidt, S. D. Harris, K. R. Wakefield, T. D. Moore, W. G. Johnson, P. M. Johnson, C. A. Thaddeus. 0.30-m $f/3$ Schmidt-Cassegrain + CCD, 0.35-m $f/6$ Schmidt-Cassegrain + CCD.
- 854 Sabino Canyon Observatory, Tucson. Observer J. E. McGaha. 0.36-m $f/10.0$ Schmidt-Cassegrain + CCD.
- 900 Moriyama. Observer Y. Ikari. 0.26-m $f/7.0$ reflector + CCD.
- 926 Tenagra II Observatory. Observers P. R. Holvorcem, M. Schwartz. Measurer P. R. Holvorcem. 0.81-m $f/7$ Ritchey-Chrétien + CCD.
- 939 Observatorio Rodeno. Observer J. Castellano. 0.20-m $f/10$ Schmidt-Cassegrain + CCD.
- 945 Observatorio Monte Deva. Observer J. R. Vidal. 0.36-m $f/4.48$ Schmidt-Cassegrain + CCD.
- 954 Teide Observatory. Observers J. A. Henríquez, J. F. Hernandez, G. Vazquez. Measurers J. M. Aymami, J. Castellano, E. Reina. 0.82-m $f/11$ Cassegrain + CCD.
- 970 Chelmsford. Observer N. James. 0.28-m $f/10$ Schmidt-Cassegrain + CCD.
- 987 Isle of Man Observatory, Foxdale. Observer D. Storey. 0.4-m Schmidt-Cassegrain + CCD.
- A01 Masia Cal Maciarol Modul 1. Observer F. Baldris. 0.20-m $f/5.0$ Newtonian reflector + CCD.
- A02 Masia Cal Maciarol Modul 8. Observers J. L. Salto, A. Salto. Measurer J. L. Salto. 0.25-m $f/7.2$ Schmidt-Cassegrain + CCD.
- A06 Mataró. Observer E. Cortès. 0.25-m $f/4.4$ Schmidt-Cassegrain + CCD.
- A13 Observatoire Naef, Marly. Observer P. Kocher. 0.5-m $f/3.3$ Hypergraph + CCD.
- A21 Irntraut. Observer J. Müller. 0.31-m $f/4.8$ reflector + CCD.
- A58 Observatoire de Chalandray-Canotiers. Observer J. de Vanssay. 0.28-m $f/5.8$ reflector + CCD.
- A71 Stixendorf. Observers P. Camilleri, E. Guido, M. Jäger, E. Prospero, G. Sostero, W. Vollma, W. Vollmann. Measurer W. Vollmann. 0.20-m $f/2.8$ reflector + CCD.
- A77 Observatoire Chante-Perdrix, Dauban. Observers C. Rinner, F. Kugel. Measurer F. Kugel. 0.5-m $f/3$ reflector + CCD.
- A79 Zvezdno Obshtestvo Observatory, Plana. Observer F. Fratev. 0.35-m $f/3.4$ reflector + CCD.
- A97 Stammersdorf. Observer W. Vollmann. 0.20-m $f/4$ reflector + CCD.
- B01 Taunus Observatory, Frankfurt. Observers S. Karge, R. Kling. 0.6-m $f/3.3$ Cassegrain + CCD.
- B05 Ka-Dar Observatory, Barybino. Observers S. Korotkiy, M. Ereshko. Measurer D. Chestnov. 0.11-m $f/7.7$ refractor + CCD, 0.35-m $f/10$ Schmidt-Cassegrain + CCD.
- B15 Inastars Observatory, Potsdam (since 2006). Observer B. Thinius. 0.36-m $f/5.8$ Schmidt-Cassegrain + CCD.
- B16 1st Moscow Gymnasium Observatory, Lipki. Observer S. Korotkiy. Measurer D. Chestnov. 0.41-m $f/10$ Schmidt-Cassegrain + CCD.
- B28 Mandi Observatory, Pagnacco. Observer P. Corelli. 0.45-m $f/4.5$ reflector + CCD.
- B33 Libbiano Observatory, Peccioli. Observers P. Bacci, R. Emilio, R. Enzo, F. Biaci. Measurer P. Bacci. 0.5-m $f/8$ Ritchey-Chrétien + CCD.
- B37 Obs. de L' Ametlla del Valles, Barcelona. Observers A. Garrigos S., T. Garrigos S., C. Garrigos S. Measurer A. Garrigos S. 0.51-m $f/4$ Newtonian reflector + CCD.
- B42 Vitebsk. Observer V. Nevski. 0.3-m $f/5.0$ reflector + CCD.
- B49 Paus Observatory, Sabadell. Observer J. Camarasa. 0.25-m $f/4$ Newtonian reflector + CCD.
- B50 Corner Observatory, Durmersheim. Observer J. Linder. 0.20-m $f/9.4$ Schmidt-Cassegrain + CCD.
- B70 Sant Celoni. Observer L. Montoro. 0.20-m $f/5$ Schmidt-Cassegrain + CCD.
- B74 Santa Maria de Montmagastrell. Observer J. M. Bosch. 0.31-m $f/4.9$ Newtonian reflector + CCD.
- B75 Stazione Astronomica Betelgeuse, Magnago. Observer M. Martignoni. 0.20-m $f/10$ Schmidt-Cassegrain + CCD.
- B81 Caimari. Observers M. Esteban, P. Salom. 0.25-m $f/3$ Schmidt-Cassegrain + CCD.
- B83 Gières. Observer T. Noel. 0.20-m $f/5.0$ reflector + CCD.
- B84 Cyclops Observatory, Oostkapelle. Observer N. Jobse. 0.30-m $f/3.8$ reflector + CCD.
- B86 Sternwarte Hagen. Observers S. Certa, M. Klein. 0.50-m $f/3.0$ Deltagraph + CCD.
- B94 Petrozavodsk. Observers A. Novichonok, A. Smirnov, S. Niskanen, E. Evdokimova, S. Evdokimova, A. Mezentsev, V. Agletdinov, A. Korolkov, D. Kirienko. Measurers A. Novichonok, A. Smirnov, E. Evdokimova, D. Kirienko. 0.25-m $f/8.0$ Ritchey-Chrétien + CCD.
- B96 Brixii Observatory, Kruike. Observer E. Bryssinck. 0.28-m $f/10$ Schmidt-Cassegrain + CCD.
- B99 Santa Coloma de Gramenet. Observer C. González. 0.20-m $f/9$ Cassegrain + CCD.
- D25 Tzec Maun Observatory, Pingelly. Observers D. Chestnov, A. Novichonok, D. Mendicini, A. Smirnov, K. Dankov, J. Linder. 0.15-m $f/7.3$ refractor + CCD, 0.18-m $f/2.8$ reflector + CCD.
- D29 Purple Mountain Observatory, XuYi Station. Observers H. B. Zhao, J. S. Yao, G. T. Zhaori, M. Wang, R. Q. Hong, L. F. Hu. Measurers H. B. Zhao, H. Lu, G. T. Zhaori, Y. Xia. 1.04-m $f/1.8$ Schmidt + CCD.
- D32 JiangNanTianChi Observatory, Mt. Getianling. Observer T. Chen. 0.30-m $f/5$ Newtonian reflector + CCD.
- D81 Nagano. Observer Y. Ohshima. 0.3-m $f/4.5$ reflector + CCD.
- D90 RAS Observatory, Moorook. Observers E. Bryssinck, H. Sato. 0.14-m $f/7$ refractor + CCD, 0.4-m $f/3.8$ astrograph + CCD.
- D95 Kurihara. Observer T. Takahashi. 0.08-m $f/6.6$ refractor + CCD, 0.15-m $f/6.7$ refractor + CCD.
- E12 Siding Spring Survey. Observers R. H. McNaught, G. J. Garradd. 0.5-m Uppsala Schmidt + CCD.
- E16 Grove Creek Observatory, Trunkey. Observers P. Camilleri, E. Guido, M. Jäger, E. Prospero, G. Sostero, W. Vollmann. Measurers P. Camilleri, G. Sostero, E. Guido. 0.35-m $f/6$ reflector + CCD, 0.35-m $f/7$ reflector + CCD.
- E85 Farm Cove. Observer J. McCormick. 0.35-m $f/10$ Schmidt-Cassegrain + CCD.
- E94 Possum Observatory, Gisborne. Observer J. Drummond. 0.41-m $f/5.2$ reflector + CCD.
- F65 Haleakala-Faulkes Telescope North. Observer R. Miles. 2.0-m $f/10.0$ Ritchey-Chrétien + CCD.

- G92 Jarnac Observatory, Vail. Observers D. Levy, W. Levy, T. Glinos. 0.64-m $f/7.2$ Ritchey-Chrétien + CCD.
- G96 Mt. Lemmon Survey. Observers A. Boattini, R. E. Hill, A. D. Grauer. Measurers E. C. Beshore, A. Boattini, A. R. Gibbs, A. D. Grauer, R. E. Hill, R. A. Kowalski, S. M. Larson. 1.5-m reflector + CCD.
- H01 Magdalena Ridge Observatory, Socorro. Observers W. H. Ryan, E. V. Ryan. Measurer W. H. Ryan. 2.4-m $f/8.9$ reflector + CCD.
- H06 RAS Observatory, Mayhill. Observers H. Sato, E. Bryssinck, E. Guido, G. Sostero, T. Yusa, M. Suzuki, B. Häusler. 0.25-m $f/3.4$ hyperbolic astrograph + CCD, 0.30-m $f/11.9$ reflector + CCD.
- H10 Tzec Maun Observatory, Mayhill. Observers S. Plaksa, E. Bryssinck, J. Linder, D. Chestnov, K. Dankov, S. Beck, L. Elenin. 0.10-m $f/5$ refractor + CCD, 0.18-m $f/2.8$ reflector + CCD, 0.35-m $f/3.8$ Maksutov-Newtonian + CCD, 0.41-m $f/9$ Ritchey-Chrétien + CCD.
- H26 Doc Greiner Research Observatory, Janesville. Observer M. Mills. 0.40-m $f/8$ Schmidt-Cassegrain + CCD.
- H36 Sandlot Observatory, Scranton. Observer G. Hug. 0.56-m reflector + CCD.
- H45 Arkansas Sky Obs., Petit Jean Mountain South. Observer P. C. Sherrod. 0.51-m $f/4.3$ astrograph + CCD.
- H47 Vicksburg. Observer C. Bell. 0.3-m $f/4.7$ Schmidt-Cassegrain + CCD.
- H53 Thompsonville. Observer D. A. Birmingham. 0.20-m $f/4.5$ reflector + CCD, 0.31-m $f/3$ Schmidt-Cassegrain + CCD.
- I10 Campo Catino Austral Obs., San Pedro de Atacama. Observers F. Mallia, A. Maury, F. Kugel, T. Noel, J. F. Soulier. 0.4-m $f/8$ Ritchey-Chrétien + CCD.
- I19 Tanti. Observer C. Colazo. 0.28-m $f/10$ Schmidt-Cassegrain + CCD.
- I20 Rio Cuarto. Observer F. D. Mazzone. 0.20-m $f/4$ Schmidt-Newtonian + CCD.
- I21 El Condor Observatory, Córdoba. Observer W. Robledo. 0.20-m $f/4.2$ Schmidt-Cassegrain + CCD.
- I31 Observatorio Astronomico del Colegio Cristo Rey. Observers V. Buso, G. Mazalan. Measurer E. Diez. 0.28-m $f/10$ Schmidt-Cassegrain + CCD.
- I32 Observatorio Beta Orionis, Rosario. Observer F. Tifner. 0.25-m $f/10$ Schmidt-Cassegrain + CCD.
- I36 Observatorio Los Campitos, Cañuelas. Observer C. Ambrosioni. 0.20-m Newtonian reflector + CCD.
- I77 CEAMIG-REA Observatory, Belo Horizonte. Observers C. Jacques, E. Pimentel. Measurer C. Jacques. 0.30-m $f/3.0$ reflector + CCD.
- I99 Observatorio Blanquita, Vaciamadrid. Observer F. Limon. 0.20-m $f/10$ Schmidt-Cassegrain + CCD.
- J01 Observatorio Cielo Profundo, Oviedo. Observer J. González. 0.10-m $f/6.3$ refractor + CCD.
- J02 Busot. Observer R. García. 0.28-m $f/11$ Cassegrain + CCD.
- J10 Alicante. Observer M. Rodriguez de Viguri. 0.20-m $f/5$ reflector + CCD.
- J16 An Carraig Observatory, Loughinisland. Observer K. Rooney. 0.25-m $f/10.0$ Schmidt-Cassegrain + CCD.
- J24 Observatorio Altamira. Observer J. F. Hernandez. 0.4-m $f/10$ Schmidt-Cassegrain + CCD.
- J27 El Guijo Observatory. Observer A. San Segundo. 0.25-m $f/7$ Schmidt-Cassegrain + CCD.
- J28 Jaen. Observer J. J. Martin. 0.20-m $f/10$ Schmidt-Cassegrain + CCD.
- J35 Tucci Observatory, Martos. Observer J. C. Millan. 0.23-m $f/10$ Schmidt-Cassegrain + CCD.
- J38 Observatorio La Vara, Valdés. Observer F. García. 0.25-m $f/8.1$ reflector + CCD.
- J40 Malaga. Observer J. M. Ruiz. 0.20-m $f/5$ Newtonian reflector + CCD.
- J45 Observatorio Montana Cabreja, Vega de San Mateo. Observer F. A. Rodriguez R. 0.20-m $f/4$ reflector + CCD.
- J46 Observatorio Montana Blanca, Tias. Observer C. Piret. 0.20-m $f/3.3$ Schmidt-Cassegrain + CCD.
- J47 Observatorio Nazaret. Observer G. Muler. Measurers G. Muler, J. M. Ruiz. 0.30-m Schmidt-Cassegrain + CCD.
- J49 Santa Pola. Observer V. J. Molina. 0.25-m $f/4.0$ Schmidt-Cassegrain + CCD.
- J51 Observatorio Atlante, Tenerife. Observer J. A. Henríquez. 0.2-m $f/9$ Cassegrain + CCD.
- J53 Posadas. Observer R. Benavides. 0.28-m $f/6.3$ Schmidt-Cassegrain + CCD.
- J59 Observatorio Linceo, Santander. Observer J. Temprano. 0.25-m $f/3.3$ Schmidt-Cassegrain + CCD.
- J75 OAM Observatory, La Sagra. Observers S. Sanchez, J. Nomen, R. Stoss, W. K. Y. Yeung, J. Rodriguez. 0.45-m $f/2.8$ reflector + CCD, 0.40-m $f/10$ reflector + CCD.
- J76 La Murta. Observers S. Pastor, J. A. Reyes. 0.40-m $f/6.3$ Schmidt-Cassegrain + CCD.
- J77 Golden Hill Observatory, Stourton Caundle. Observer R. Miles. 0.28-m $f/9.4$ Schmidt-Cassegrain + CCD.
- J93 Mount Tuffley Observatory, Gloucester. Observer J. Fletcher. 0.25-m $f/5.5$ Schmidt-Cassegrain + CCD.
- J96 Observatorio de Cantabria. Observer J. Ruiz. Measurers J. Curto, J. Temprano. 0.40-m $f/5$ Ritchey-Chrétien + CCD.
- J97 Alginet. Observer T. Climent. 0.25-m Schmidt-Cassegrain + CCD.

OBSERVATIONS OF MINOR PLANETS

The summary lists, for each observatory code, the designation of each object observed (an asterisk signifying a new discovery), with three numbers indicating the number of observations, the number of different nights on which the object was observed and the arc (in days) covered by the observations; at the end of each observatory listing there is a count of the total number of observations, of the number of objects and of the number of discoveries followed by an asterisk, together with the total range of dates covered by the observations.

012 Uccle

E. W. Elst, Koninklijke Sterrenwacht van België, Ringlaan 3, B-1180 Brussels, Belgium [Eric.Elst@~~suppressed~~.be] (1)

P. De Cat, Koninklijke Sterrenwacht van België, Ringlaan 3, B-1180 Brussels, Belgium [peter@~~suppressed~~.be] (5)

Observer E. W. Elst
Measurer P. De Cat

0.85-m $f/2.5$ Schmidt + CCD

Tycho-2

{1} [48, 10, 0*, 2009/10/14–2009/10/15]

{5} [5, 1, 0*, 2005/10/11]

049 Uppsala-Kvistaberg

C.-I. Lagerkvist, Uppsala Astronomical Observatory, Box 515, S-75120 Uppsala, Sweden [classe@~~suppressed~~.se]

Observers O. Karlsson, C.-I. Lagerkvist, T. Oja, J. Näränen
 Measurers G. Hahn, O. Karlsson, C.-I. Lagerkvist, S. Mottola, J. Warell
 1.0-m Schmidt + CCD
 USNO-SA2.0
[6, 2, 0, 2002/10/30–2002/11/11]*

069 Baldone

I. Eglitis, Institute of Astronomy University of Latvia, Boulevard Rainis 19, Riga,
 Latvia [ilgmars@<suppressed>.lv]
 Observer I. Eglitis
 Measurer K. Černis
 0.80-m $f/3.0$ Schmidt + CCD
 USNO-B1.0
[13, 4, 0, 2009/04/25–2009/05/01]*

071 Rhozen

V. Ivanova, Institute of Astronomy, 72 Tsarigradsko Schosse Blvd., BG-11784
 Sofia, Bulgaria [ivanova@<suppressed>.bg]
 Observers V. Ivanova, B. Bilkina
 Measurers B. Bilkina, G. Apostolovska
 0.50-m $f/3.44$ Schmidt + CCD
 GSC-1.1
[10, 3, 0, 2009/10/11–2009/10/12]*

104 San Marcello Pistoiese

L. Tesi, Osservatorio di Pian dei Termini, Viale Panoramico 45, I-51028 San
 Marcello Pistoiese (PT), Italy [iau@<suppressed>.it]
 Observers L. Tesi, A. Boattini, M. Tombelli
 Measurers G. Forti, L. Tesi, A. Boattini, M. Tombelli
 0.15-m $f/15$ refractor + CCD
 USNO-A2.0
[5, 2, 0, 2006/09/22–2007/03/13]*

106 Crni Vrh

H. Mikuž, Kersnikova 11, SI-61000 Ljubljana, Slovenia
 [herman.mikuz@<suppressed>.si]
 Observers J. Vales, H. Mikuž, S. Matičič, J. Zakrajsek, B. Mikuž
 0.60-m $f/3.3$ Deltagraph + CCD
 UCAC-2
[2672, 602, 13, 2008/08/11–2009/10/28]*

113 Volkssternwarte Drebach, Schoenbrunn

G. Lehmann, Persterstrasse 6h, D-09430 Drebach, Germany
 [g.lehmann@<suppressed>.de]
 0.5-m $f/6.7$ reflector + CCD
 UCAC-2
[3, 1, 0, 2009/10/09]*

114 Engelhardt Observatory, Zelenchukskaya Station

T. V. Kryachko, University Astronomical Station, Lenina 41, Zelenchukskaya,
 357140 Karachaev-Cherkessia Republic, Russia [timur@<suppressed>.su]
 Observers T. V. Kryachko, S. Korotkiy, B. Satovski
 Measurers D. Chestnov, T. V. Kryachko

0.08-m $f/7.5$ refractor + CCD, 0.30-m $f/7.7$ Ritchey-Chrétien + CCD, 0.20-m
 $f/10$ Schmidt-Cassegrain + CCD + $f/6.3$ focal reducer
 NOMAD, UCAC-2, USNO-B1.0
[1518, 175, 34, 2009/07/25–2009/10/28]*

118 Modra

A. Galád, AGO MFF UK, P.O. Box 4, SK-90001 Modra, Slovakia
 [ago@<suppressed>.sk]
 Observers Š. Gajdoš, P. Veres, L. Kornoš, J. Világi
 0.6-m $f/5.5$ reflector + CCD
 UCAC-2, USNO-B1.0
[70, 16, 1, 2009/09/28–2009/10/27]*

122 Pises Observatory

J. M. Lopez, 5 Rue Meyrueis, F-34000 Montpellier, France
 [jean.m.lopez2@<suppressed>.fr]
 Observers J. M. Lopez, J. H. Blanc
 Measurer J. M. Lopez
 0.40-m $f/4.7$ reflector + CCD
 USNO-SA2.0
[6, 2, 0, 2006/12/26–2008/08/30]*

127 Bornheim

N. Ehring, Stationenweg 54, D-53332 Bornheim, Germany
 [norbert.ehring@<suppressed>.de]
 0.30-m $f/3.2$ astrograph + CCD
 USNO-A2.0
[156, 20, 0, 2009/08/22–2009/10/14]*

130 Lumezzane

M. Micheli, Via Ronchi S. Francesco di Paola 52, I-25100 Brescia, Italy
 [marco.bs@<suppressed>.it]
 Observers M. Casali, W. Marinello, M. Micheli, G. Pizzetti, A. Soffiantini
 0.40-m $f/4.5$ reflector + CCD
 UCAC-2, USNO-B1.0
[40, 13, 0, 2009/10/25]*

143 Gnosca

S. Sposetti, CH-6525 Gnosca, Switzerland [stefanosposetti@<suppressed>.ch]
 0.40-m $f/4$ reflector + CCD
 UCAC-2
[143, 33, 3, 2009/10/14–2009/10/26]*

147 Osservatorio Astronomico di Suno

S. Foglia, C. Gariboldi 11, I-28100 Novara Veveri, Italy
 [s.foglia@<suppressed>.it]
 Observers P. Concari, D. Crespi, A. Fabi, G. Galli, K. Gauzer, S. Minuto, V. Sacco
 Measurer S. Foglia
 0.40-m $f/4$ reflector + CCD
 UCAC-2
[7, 3, 0, 2004/12/20–2009/10/16]*

151 Eschenberg Observatory, Winterthur

M. Griesser, Breitenstrasse 2, CH-8542 Wiesendangen, Switzerland
 [griesser@<suppressed>.ch]

0.40-m $f/5.9$ Hypergraph + CCD

USNO-B1.0

[16, 4, 0*, 2009/10/19]

152 Moletai Astronomical Observatory

K. Černis, Institute of Theoretical Physics and Astronomy, Gostauto 12, LT-2000 Vilnius, Lithuania [cernis@<suppressed>.lt]

Observers K. Černis, J. Zdanavicius

0.35-m $f/3.5$ reflector + CCD

USNO-B1.0, UCAC-2, USNO-A2.0

[508, 141, 2*, 2006/09/22–2009/10/20]

157 Frasso Sabino

R. Haver, Via dei Giornalisti 64, I-00135 Rome, Italy [me3540@<suppressed>.it]

Observers R. Haver, A. Caradossi, R. Gorelli, R. Albanesi

0.37-m $f/6.85$ Cassegrain + CCD

UCAC-2

[12, 3, 0*, 2009/10/16–2009/10/20]

160 Castelmartini

E. Prosperi, Via Bartolini 127, I-51030 Castelmartini (PT), Italy

[e.prosperi@<suppressed>.it]

Observers P. Camilleri, E. Guido, M. Jaeger, E. Prosperi, G. Sostero, W. Vollmann

0.35-m $f/10$ Schmidt-Cassegrain + CCD

CMC, NOMAD, UCAC-2

[517, 68, 0*, 2009/09/29–2009/10/27]

169 Airal Observatory

S. Puccini, Airal Observatory, Via Montegrappa 16, I-15030 Rosignano, Italy

[starfield@<suppressed>.it]

0.25-m Schmidt-Cassegrain + CCD

UCAC-2

[54, 10, 0*, 2009/09/27–2009/10/26]

185 Vicques

M. Ory, 30 Rue Beridier, CH-2800 Delemont, Switzerland

[pivatte@<suppressed>.ch]

0.61-m $f/3.88$ reflector + CCD

USNO-B1.0

[274, 72, 6*, 2008/06/29–2009/10/20]

188 Majdanak

Yu. N. Krugly, Astronomical Observatory, Kharkiv State University, Sumska Street 35, UA-310022 Kharkiv, Ukraine [krugly@<suppressed>.ua]

Observers T. Kryachko, S. Korotkiy, B. Satovski

Measurer D. Chestnov

0.36-m $f/8$ reflector

USNO-B1.0

[3, 1, 0*, 2009/09/24]

196 Homburg-Erbach

W. Wiedemann, Hasenaeckerstr. 29, D-66424 Homburg, Germany

[Wolfgang.Wiedemann@<suppressed>.de]

0.28-m $f/5$ Schmidt-Cassegrain + CCD

USNO-B1.0

[10, 5, 0*, 2009/09/23–2009/10/22]

198 Wildberg

R. Apitzsch, Schwarzwaldstrasse 17-2, D-72218 Wildberg, Germany

[astrowild@<suppressed>.de]

0.35-m $f/4.2$ reflector + CCD

UCAC-3

[162, 23, 0*, 2009/10/12–2009/10/20]

204 Schiaparelli Observatory

F. Bellini, via A. del Sarto 3, I-21100 Varese, Italy [astrogeo@<suppressed>.it]

Observer L. Buzzi

0.60-m $f/4.64$ reflector + CCD, 0.38-m $f/6.8$ reflector + CCD

NOMAD, CMC

[198, 67, 0*, 2008/05/03–2009/10/27]

209 Asiago Observatory, Cima Ekar-ADAS

C. Barbieri, Astronomical Observatory and Dept. of Astronomy of the University of Padova, Vicolo Osservatorio 5, I-35122 Padova, Italy

[barbieri@<suppressed>.it]

Observers C. Barbieri, G. Pignata, S. Magrin, I. Bertini

Measurers G. Pignata, S. Magrin, G. Hahn, M. Hoffmann, S. Mottola

0.67-m $f/1.4$ Schmidt + CCD

GSC-1.1, USNO-SA2.0

[1, 1, 0*, 2002/01/08]

212 Observatorio La Dehesilla

I. Almendros L., Via del Mar 10, E-29004 Málaga, Spain

[ialmend@<suppressed>.es]

0.30-m $f/10$ Schmidt-Cassegrain + CCD

CMC, USNO-A2.0

[13, 9, 0*, 2009/10/17]

213 Observatorio Montcabre

R. Naves N., c/o J. Balmes, no. 24 Cabriels, E-08348 Barcelona, Spain

[rnaves@<suppressed>.com]

Observer R. Naves

Measurer M. Campas

0.30-m $f/10$ Schmidt-Cassegrain

CMC

[2, 1, 0*, 2009/10/23]

215 Buchloe

W. Hasubick, Fischerweg 24, D-86807 Buchloe, Germany

[werner.hasubick@<suppressed>.de]

0.44-m $f/4.6$ reflector + CCD

UCAC-2, USNO-A2.0

[6, 2, 0*, 2009/10/19]

232 Masquefa Observatory

E. Reina L., Pl. Virgen de Montserrat, 1 Etlo. 2 B, E-08901 Hospitalet, Spain

[estrei@<suppressed>.es]

0.25-m $f/3.3$ Schmidt-Cassegrain + CCD

CMC, USNO-A2.0

[18, 6, 0*, 2009/10/17–2009/10/24]

233 San Vito

S. Donati, Sauro Donati Astronomical Observatory, San Vito, Lucca, Italy
[saurdon@<suppressed>.it]

0.30-m $f/10$ Schmidt-Cassegrain + CCD + $f/7$ focal reducer
USNO-A1.0

[10, 3, 0*, 2009/09/30–2009/10/19]

240 Herrenberg

H. Michels, Enstr. 10, D-71083 Herrenberg, Germany [Helmut@<suppressed>.de]

0.40-m $f/5$ reflector + CCD

UCAC-2, USNO-B1.0

[17, 4, 0*, 2009/10/19]

260 Siding Spring-DSS

E. Colombini, Via Manfredini 26, I-41043 Formigine (MO) Italy
[ermes.colombini@<suppressed>.it] (5)

1.2-m Schmidt

[2, 1, 0*, 1983/05/08]

261 Palomar-DSS

A. Lowe, 1412 70 Avenue SW, Calgary, AB T2V 0R3, Canada
[andrew.lowe@<suppressed>.com] (4)

1.2-m Schmidt

USNO-B1.0

[5, 2, 0*, 1989/10/09–1993/12/10]

291 LPL/Spacewatch II

R. S. McMillan, Space Sciences Building, University of Arizona, Tucson, AZ 85721,
U.S.A. [bob@<suppressed>.edu]

Observers R. S. McMillan, J. V. Scotti, M. T. Read, T. H. Bressi

1.8-m $f/2.7$ reflector + CCD

USNO-B1.0

[9941, 2717, 162*, 2001/04/24–2009/10/29]

300 Bisei Spaceguard Center–BATTeRS

S. Nakano, Japan Spaceguard Association, 60-7 2F, Sasazuka 1 Chome, Shibuya-
Ku, 151-0073 Tokyo, Japan [batters@<suppressed>.jp]

Observers N. Hashimoto, T. Sakamoto, A. Asami, K. Nishiyama, S. Okumura,
S. Urakawa

1.0-m $f/3.0$ reflector + CCD

GSC-ACT, UCAC-2, USNO-B1.0

[1473, 231, 121*, 2008/07/30–2009/10/29]

327 Peking Observatory, Xinglong Station

J. Zhu, National Astronomical Observatories, Chinese Academy of Sciences, 20A
Datun Road, Chaoyang District, Beijing 100012, Peoples Republic of China
[zj@<suppressed>.cn]

Observers J. Zhu, X. Zhou, S. J. Xue, J. Ma, H. Wu, X. M. Teng, C. H. Liu,
S. L. Kong

Measurers X. M. Teng, S. L. Kong, C. H. Liu, J. Zhu

0.60-m Schmidt + CCD

[27, 8, 0*, 1996/09/21–1998/11/14]

333 Desert Eagle Observatory

W. K. Y. Yeung, 139 Sandringham Place NW, Calgary, AB T3K 3V8, Canada
[microplanet333@<suppressed>.com]

0.45-m $f/3$ Schmidt-Cassegrain + CCD

USNO-A2.0, GSC-ACT

[3, 1, 0*, 2002/12/09]

344 Bohyunsan Optical Astronomy Observatory

M.-Y. Chun, Korea Astronomy Observatory, San 36-1, Wha-am Dong, Yu-sung
Gu, Daejeon 305-348, Korea [mychun@<suppressed>.kr]

Observers Y.-B. Jeon, K. H. Kim, M. S. Kim

1.8-m $f/8$ reflector + CCD

GSC

[3, 1, 0*, 2001/01/04]

349 Ageo

K. Kadota, 77-1-3-12-204, Koshikiya, Ageo, Saitama-ken, 362-0064 Japan [kenic-
k@<suppressed>.jp]

0.25-m $f/5.0$ reflector + CCD

GSC-ACT

[2, 1, 0*, 2009/09/20]

355 Hadano

A. Asami, 28-1 Nishitawara, Hadano, Kanagawa-Ken 257, Japan
[asami@<suppressed>.jp]

0.28-m $f/5.0$ reflector + CCD

UCAC-2, USNO-B1.0, GSC-ACT

[31, 8, 0*, 2009/07/15–2009/09/07]

379 Hamamatsu-Yuto

S. Wakuda, Ufumi 9425-20, Yuto-cho, Hamana-gun, Shizuoka-ken 431-0102, Japan
[caa54120@<suppressed>.jp]

0.25-m $f/5.0$ Schmidt-Cassegrain + CCD

UCAC-2, GSC-ACT, USNO-B1.0

[449, 15, 0*, 2001/04/22–2009/10/29]

400 Kitami

K. Endate, 3-17, Hinode 1 Chome, Mihoro Cho, Abashiri-Gun, Hokkaido, 092
Japan

0.25-m $f/3.4$ hyperboloid astrocamera + CCD

GSC

[4, 1, 0*, 2009/10/24–2009/10/25]

413 Siding Spring

R. H. McNaught, Research School of Astronomy and Astrophysics,
Siding Spring Observatory, Coonabarabran, NSW 2357, Australia
[rmn@<suppressed>.au] (1)

C.-I. Lagerkvist, Uppsala Observatory, Box 515, S-75120 Uppsala, Sweden
[cklasse@<suppressed>.se] (8)

1.0-m $f/8$ reflector + CCD, 1.2-m Schmidt

{1} [3, 1, 0*, 2003/04/23]

{8} [1, 1, 0*, 1993/04/16]

423 North Ryde

S. G. McAndrew, 2/32 Twin Rd, North Ryde, NSW 2113, Australia
[stevemca@<suppressed>.au]

0.20-m $f/4$ hyperbolic astrograph + CCD

UCAC-2

[11, 1, 0*, 2009/09/30–2009/10/16]

432 Boambee

V. A. Gardiner, 44 Shaws Close, Boambee, NSW 2452, Australia

[vgardi@<suppressed>.au]

0.30-m Schmidt-Cassegrain + CCD + $f/3$ focal reducer

UCAC-2

[10, 2, 0*, 2009/09/30–2009/10/01]

434 S. Benedetto Po

M. Esornati, via Romana 41, Moglia (MN), Italy [esormar@<suppressed>.it]

Observers M. Esornati, A. Righelli

0.42-m $f/4$ reflector + CCD

NOMAD

[8, 2, 0*, 2009/10/13]

442 Gualba Observatory

A. Sánchez, Masia cortinas, 52 Bajos, E-08474 Gualba, Spain

[mpc442@<suppressed>.com]

0.36-m $f/7$ Schmidt-Cassegrain + CCD

USNO-A2.0

[11, 6, 0*, 2009/10/09]

448 Desert Moon Observatory

B. L. Stevens, 5675 Real del Norte, Las Cruces, NM 88012, U.S.A.

[blslcnm@<suppressed>.net]

0.3-m Schmidt-Cassegrain + CCD

UCAC-2, USNO-B1.0

[139, 39, 1*, 2009/10/15–2009/10/27]

461 University of Szeged, Pizskétető Stn. (Konkoly)

K. Sárneczky, P.O. Box 406, H-6701 Szeged, Hungary [sky@<suppressed>.hu]

Observers K. Sárneczky, B. Sipócz

0.60-m Schmidt + CCD

USNO-B1.0

[19, 6, 0*, 2003/09/08–2009/09/15]

467 Auckland Observatory

G. W. Christie, Auckland Observatory, P.O. Box 24-180, Royal Oak, Auckland,

New Zealand [grant@<suppressed>.nz]

Observers G. W. Christie, T. Natusch, H. Ngan

0.40-m $f/10$ Schmidt-Cassegrain + CCD

UCAC-2

[6, 2, 0*, 2009/10/11]

473 Remanzacco

G. Sostero, via S.Stefano 31, I-33047 Remanzacco (UD), Italy

[sostero@<suppressed>.it]

Observers L. Donato, M. Gonano, V. Gonano, E. Guido, V. Santini, G. Sostero,

M. Travagini

0.45-m $f/4.4$ Newtonian reflector + CCD

UCAC-2, USNO-B1.0

[20, 10, 0*, 2009/10/14–2009/10/27]

474 Mount John Observatory, Lake Tekapo

A. C. Gilmore, Mt. John University Observatory, P.O. Box 56, NZ-8770 Lake

Tekapo, New Zealand [a.gilmore@<suppressed>.nz]

Observers P. M. Kilmartin, A. C. Gilmore

1.0-m $f/7.7$ reflector + CCD

USNO-B1.0

[136, 23, 1*, 2009/09/28–2009/10/14]

493 Calar Alto

F. Hormuth, Centro Astronómico Hispano Alemán, C/ Jesús Durbán Remón 2-2,

E-04004 Almería, Spain [fhormuth@<suppressed>.es]

Observers S. Mottola, G. Hahn, U. Carsenty

1.23-m reflector + CCD

USNO-SA2.0

[39, 6, 2*, 2009/02/20–2009/10/16]

540 Linz

E. Meyer, Ferd.-Marklstrasse 1/62, A-4040 Linz, Austria

[er.meyer@<suppressed>.at]

Observer D. Voglsam

0.6-m $f/3.3$ reflector + CCD

UCAC-2

[29, 8, 1*, 2009/10/20–2009/10/21]

557 Ondřejov

P. Pravec, Astronomical Institute, Czech Academy of Sciences, CZ-25165 Ondřejov,

Czech Republic [ppravec@<suppressed>.cz]

Observer P. Kušnirák

0.65-m $f/3.6$ reflector + CCD

UCAC-2

[28, 3, 0*, 2009/09/27–2009/10/21]

560 Madonna di Dossobuono

L. Lai, Via Mantovana 130e, I-37062 Dossobuono (Verona), Italy

[astrofil@<suppressed>.it]

0.4-m $f/5$ reflector + CCD

USNO-A2.0

[36, 11, 0*, 2009/10/16–2009/10/26]

566 Haleakala-NEAT/GEODSS

R. Bamberg, Jet Propulsion Laboratory, MS 168-527, Pasadena, CA 91109, U.S.A.

[Raymond.J.Bamberg@<suppressed>.gov]

Observers R. Bamberg, E. F. Helin, S. H. Pravdo, M. Hicks, P. Kervin,

K. J. Lawrence, D. L. Rabinowitz

Measurers R. Matson, R. J. Bouma, R. Kracht

1.0-m $f/2.2$ Ritchey-Chrétien + CCD, 1.0-m reflector + CCD, 1.2-m reflector + CCD

USNO-A2.0, USNO-B1.0

[25, 8, 0*, 1996/08/19–1998/05/02]

568 Mauna Kea

D. J. Tholen, Institute for Astronomy, 2680 Woodlawn Drive, Honolulu, HI 96822, U.S.A. [tholen@<suppressed>.edu] (2)

P. A. Wiegert, Physics and Astronomy Department, University of Western Ontario, London N6A 3K7, Canada [pwiegert@<suppressed>.ca] (19)

A. Boattini, Istituto di Astrofisica Spaziale, Via Fosso del Cavaliere, I-00133 Rome, Italy [boattini@<suppressed>.it] (20)

M. E. Brown, Division of Geological and Planetary Sciences, MS 150-21, Caltech, Pasadena, CA 91125, U.S.A. [mbrown@<suppressed>.edu] (22)

Observers G. T. Elliott, M. Micheli, D. J. Tholen, M. E. Schwamb, W. C. Fraser

Measurers D. J. Tholen, R. A. Tucker, F. Bernardi, M. Micheli, G. T. Elliott,
M. E. Schwamb, M. E. Brown

2.24-m University of Hawaii reflector, 8-m reflector + CCD
2MASS, USNO-B1.0

{19} [12, 4, 0*, 2003/08/31–2005/08/30]

{20} [9, 2, 0*, 2005/09/30–2005/10/07]

{22} [8, 4, 0*, 2009/10/18]

{2} [452, 11, 0*, 2005/09/04–2009/10/18]

585 Kiev comet station

A. Baransky, Astronomical Observatory of Kyiv University, Observatorna 3, Kyiv,
Ukraine [bar06@<suppressed>.ua]

Observers A. Baransky, Y. Tarasenko, I. Lukianyk, F. Kravtsov, V. Ponomarenko,
K. Barinova

0.7-m $f/4$ reflector + CCD
UCAC-2, USNO-B1.0

[155, 13, 0*, 2009/09/22–2009/10/26]

587 Sormano

P. Sicoli, Via Valli 9, I-23846 Garbagnate Monastero (Lecco), Italy

[sormano@<suppressed>.it]

Observers F. Manca, A. Testa

0.5-m $f/7$ reflector + CCD
USNO-A2.0

[77, 26, 0*, 2009/10/03–2009/10/26]

595 Farra d'Isonzo

L. Bittesini, Via dei Conventi 10, I-34070 Farra D'Isonzo (GO), Italy

[ccaf@<suppressed>.it]

Observers E. Pettarin, D. Di Maria, F. Fabris

0.40-m $f/4.5$ reflector + CCD
USNO-A2.0

[37, 10, 4*, 2009/10/17–2009/10/27]

599 Campo Imperatore–CINEOS

A. Carusi, Istituto di Astrofisica Spaziale, Via Fosso del Cavaliere, I-00133 Rome,
Italy [cineos@<suppressed>.it]

Observers A. Boattini, N. Napoleone, L. M. Laudi, R. Leoni, A. Di Paola,
A. Giunta, V. Casula, D. Perna

0.60-m $f/3$ Schmidt + CCD
USNO-A2.0

[79, 22, 0*, 2002/10/04–2005/11/11]

608 Haleakala-NEAT/MSSS

R. Bamberg, Jet Propulsion Laboratory, MS 168-527, Pasadena, CA 91109, U.S.A.

[Raymond.J.Bamberg@<suppressed>.gov]

Observers M. Hicks, K. J. Lawrence, D. MacDonald, P. Kervin, J. Africano,
R. Bamberg, S. H. Pravdo, R. Thicksten, E. F. Helin, R. Maeda, D. Talent,
P. Tanner

Measurers R. J. Bouma, R. Matson, C. Orgei, K. Sárneczky, F. Fratev, A. Lowe,
T. Csörgei, R. Kracht, M. Meyer, E. Schwab

1.2-m $f/1.9$ reflector + CCD

USNO-B1.0, USNO-A2.0, NOMAD, UCAC-2

[245, 87, 0*, 2000/04/11–2006/08/24]

611 Starkenburg

M. Busch, Niemoellerstr. 9, D-64646 Heppenheim, Germany

[Matthias.Busch@<suppressed>.de]

Observers M. Busch, F. Pulvermacher, M. Helfert

0.45-m $f/4.4$ reflector + CCD
USNO-B1.0

[68, 26, 0*, 2009/10/18–2009/10/25]

621 Bergisch Gladbach

W. Bickel, Schau ins Land 21, D-51429 Bergisch Gladbach, Germany [0220455671-
0001@<suppressed>.de]

0.60-m $f/5.2$ reflector + CCD

UCAC-2, UCAC-3

[1074, 178, 30*, 2001/08/22–2009/10/20]

629 Szeged Observatory

L. Kiss, Pf. 596, H-6725 Szeged, Hungary [l.kiss@<suppressed>.hu]

Observers G. Sánta, T. Veselényi, A. Gy. Garami, F. Kovács

Measurers G. Sánta, K. Sárneczky

0.40-m $f/3.0$ reflector + CCD
USNO-B1.0

[2, 1, 0*, 2009/09/15]

644 Palomar Mountain/NEAT

R. Bamberg, Jet Propulsion Laboratory, MS 168-527, Pasadena, CA 91109, U.S.A.

[Raymond.J.Bamberg@<suppressed>.gov]

Observers R. Bamberg, E. F. Helin, S. H. Pravdo, M. Hicks, K. J. Lawrence,
R. Thicksten, J. Africano, D. MacDonald, P. Kervin, E. Hovland, T. Bickler,
J. Schroeder, L. Scherr, A. Deetz, K. Kuluhiwa

Measurers R. J. Bouma, A. Lowe, J. Trnka, R. Kracht, K. Sárneczky, D. Chestnov,
T. Csörgei, F. Fratev, R. Matson, S. Kürti, M. Meyer, E. Schwab

1.2-m Oschin Schmidt + CCD

USNO-B1.0, NOMAD, USNO-A2.0

[3391, 498, 102*, 2001/07/18–2007/03/30]

645 Apache Point–Sloan Digital Sky Survey

Z. Ivezić, Department of Astrophysical Sciences, Peyton Hall, Princeton University,
Princeton, NJ 08544, U.S.A. [ivezic@<suppressed>.edu]

Observers Sloan Digital Sky Survey Collaboration

Measurers Z. Ivezić, M. Jurić, R. Lupton, S. Tabachnik, T. Quinn

2.5-m SDSS Telescope + SDSS camera

UCAC-1

[502, 219, 0*, 1998/09/19–2004/03/18]

673 Table Mountain Observatory, Wrightwood

W. M. Owen, Jr., Jet Propulsion Laboratory 301-150, 4800 Oak Grove Drive,
Pasadena, CA 91109-8099, U.S.A. [wmo@<suppressed>.gov] (1)

J. Young, Jet Propulsion Laboratory, 4800 Oak Grove Drive, Pasadena, CA 91109,
U.S.A. [w7fft@<suppressed>.net] (5)

Observers A. J. McAuley, J. R. Foster, W. M. Owen Jr., D. Mayes, T. Barajas,
T. A. Barajas, J. A. Shitanishi

0.61-m $f/16$ reflector + CCD

UCAC-2, USNO-B1.0

{1} [220, 78, 0*, 2009/10/12–2009/10/26]

{5} [25, 7, 0*, 2009/10/16–2009/10/27]

675 Palomar Mountain

E. Bowell, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff, AZ 86001, U.S.A. [elgb@<suppressed>.edu] (6)
 M. E. Brown, Division of Geological and Planetary Sciences, MS 150-21, Caltech, Pasadena, CA 91125, U.S.A. [mbrown@<suppressed>.edu] (29)
 Observers C. S. Shoemaker, E. M. Shoemaker, M. E. Schwamb, M. E. Brown, D. L. Rabinowitz
 1.5-m $f/8.5$ Cassegrain + CCD, 1.2-m Oschin Schmidt + CCD, 0.46-m Schmidt
 USNO-B1.0, USNO-A2.0
 {6} [1, 1, 0*, 1990/09/28]

{29} [47, 8, 2*, 2008/01/11–2009/10/19]

683 Goodricke-Pigott Observatory, Tucson

R. A. Tucker, 5500 West Nebraska Street, Tucson, AZ 85746, U.S.A.
 [gpobs@<suppressed>.com]

0.35-m reflector + CCD
 UCAC-2

[8668, 1221, 3*, 2004/10/09–2009/10/24]

688 Lowell Observatory, Anderson Mesa Station

M. W. Buie, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff, AZ 86001, U.S.A. [buie@<suppressed>.edu] (1)
 L. H. Wasserman, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff, AZ 86001, U.S.A. [lhwo@<suppressed>.edu] (5)
 H. G. Roe, California Institute of Technology, MS 150-21, Pasadena, CA 91125, U.S.A. [hroe@<suppressed>.edu] (11)

Observers L. H. Wasserman, H. G. Roe
 Measurers L. H. Wasserman, H. G. Roe, M. E. Schwamb
 1.8-m Perkins telescope + CCD, 0.75-m $f/16$ reflector + CCD
 USNO-B1.0

{11} [2, 1, 0*, 2008/02/27]

{1} [3, 1, 0*, 1998/04/20]

{5} [36, 18, 3*, 2009/07/27–2009/10/12]

689 U.S. Naval Observatory, Flagstaff Station

H. C. Harris, U.S. Naval Observatory Flagstaff Station, P.O. Box 1149, Flagstaff, AZ 86002-1149, U.S.A. [hch@<suppressed>.mil] (2)

1.6-m reflector + CCD

[1855, 218, 0*, 2000/12/19–2009/09/29]

691 Steward Observatory, Kitt Peak

R. S. McMillan, Space Sciences Building, University of Arizona, Tucson, AZ 85721, U.S.A. [bob@<suppressed>.edu]

Observer T. H. Bressi
 Measurer J. L. Montani
 0.9-m $f/3$ reflector + CCD
 USNO-B1.0

[60367, 14968, 1867*, 1991/09/09–2009/10/27]

695 Kitt Peak

M. W. Buie, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff, AZ 86001, U.S.A. [buie@<suppressed>.edu] (1)
 D. Wittman, Bell Laboratories, 600 Mountain Ave., Murray Hill, NJ 07974, U.S.A. [wittman@<suppressed>.com] (3)

D. J. Tholen, Institute for Astronomy, 2680 Woodlawn Drive, Honolulu, HI 96822, U.S.A. [tholen@<suppressed>.edu] (16)

L. H. Wasserman, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff, AZ 86001, U.S.A. [lhwo@<suppressed>.edu] (23)

M. Trueblood, Winer Observatory, P.O. Box 797, Sonoita, AZ85637-0797, U.S.A. [mtrueblood@<suppressed>.edu] (27)

Observers D. J. Tholen, R. A. Tucker, F. Bernardi
 Measurers D. J. Tholen, R. A. Tucker, F. Bernardi, M. Micheli, G. T. Elliott
 2.29-m reflector
 2MASS

{16} [11, 1, 0*, 2004/06/19–2005/07/11]

{23} [19, 9, 0*, 2004/10/11–2007/02/21]

{1} [120, 59, 0*, 2000/02/05–2006/05/02]

{3} [10, 3, 0*, 2001/11/17–2004/03/26]

{27} [4, 1, 0*, 2009/09/24]

699 Lowell Observatory-LONEOS

E. Bowell, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff AZ 86001, U.S.A. [elgb@<suppressed>.edu]

Observer K. P. McLelland
 Measurer B. W. Koehn
 0.59-m Schmidt + CCD

CMC

[548, 128, 0*, 1998/08/27–2009/10/24]

703 Catalina Sky Survey

S. M. Larson, Space Sciences Building, University of Arizona, Tucson, AZ 85721, U.S.A. [slarson@<suppressed>.edu]

Observers A. Boattini, R. E. Hill, R. A. Kowalski, A. R. Gibbs
 Measurers E. C. Beshore, A. Boattini, G. J. Garradd, A. R. Gibbs, A. D. Grauer,
 R. E. Hill, R. A. Kowalski, S. M. Larson, R. H. McNaught

0.68-m Schmidt + CCD

UCAC-2

[211930, 33157, 978*, 1999/11/03–2009/10/29]

704 Lincoln Laboratory ETS, New Mexico

G. Stokes, MIT Lincoln Laboratory, 244 Wood Street, Lexington, MA 02420, U.S.A. [stokes@<suppressed>.edu]

Observers M. Bezpalko, D. Torres, R. Kracke, G. Spitz, M. Blythe
 Measurer J. Stuart
 1.0-m $f/2.15$ reflector + CCD
 USNO-A2.0

[247321, 33378, 56*, 2003/01/08–2009/10/27]

705 Apache Point

G. A. Esquerdo, Planetary Science Institute, 1700 E. Ft. Lowell suite 106, Tucson, AZ 85719, U.S.A. [esquerdo@<suppressed>.edu] (3)

A. Becker, University of Washington, Box 351580, Seattle, WA 98195-1580, U.S.A. [becker@<suppressed>.edu] (4)

0.5-m $f/8.5$ reflector + CCD

{3} [3, 1, 0*, 2004/09/09]

{4} [2, 1, 0*, 2005/09/13]

734 Farpoint Observatory

G. Hug, RTE 1 Box 35c, Eskridge, KS 66423, U.S.A. [fast@<suppressed>.org]
0.3-m $f/6$ Schmidt-Cassegrain + CCD

UCAC-2

[11, 2, 0*, 2005/12/22–2007/03/16]

735 George Observatory, Needville

W. G. Dillon, 4703 Birkenhead Circle, Missouri City, TX 77459, U.S.A.

[bdillon@<suppressed>.com]

Observers J. Dellinger, C. Sexton, M. Eastman, P. G. A. Garossino, J. Jackson
0.46-m $f/4.5$ Newtonian reflector + CCD, 0.9-m $f/7.6$ Ritchey-Chrétien + CCD
UCAC-2, USNO-A2.0

[109, 30, 0*, 2001/08/17–2009/10/23]

807 Cerro Tololo

M. W. Buie, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff, AZ 86001,
U.S.A. [buie@<suppressed>.edu] (1)

D. Wittman, Bell Labs Room 1D-456, 700 Mountain Avenue, Murray Hill,
NJ 07974, U.S.A. [dwittman@<suppressed>.com] (3)

L. H. Wasserman, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff,
AZ 86001, U.S.A. [lhw@<suppressed>.edu] (15)

{15} [17, 8, 0*, 2005/08/08–2007/09/08]

{1} [128, 63, 0*, 2000/07/29–2006/04/28]

{3} [8, 2, 0*, 2001/02/23–2003/04/06]

808 El Leoncito

C. E. Lopez, Felix Aguilar Observatory, Benavidez 8175 (Oeste), AR-5407
Marquesado-San Juan, Argentina [lopez2283@<suppressed>.ar]

Observers H. S. López, J. E. Torres

0.5-m $f/7.5$ double astrograph + CCD

UCAC-2

[53, 14, 0*, 2009/09/01–2009/10/05]

809 European Southern Observatory, La Silla

E. W. Elst, Observatoire Royal de Belgique, Avenue Circulaire 3, B-1180 Brussels,
Belgium [elst@<suppressed>.be] (4)

C.-I. Lagerkvist, Uppsala Observatory, Box 515, S-75120 Uppsala, Sweden
[classe@<suppressed>.se] (8)

A. Boattini, Istituto di Astrofisica Spaziale, Via Fosso del Cavaliere, I-00133 Rome,
Italy [boattini@<suppressed>.it] (9)

R. Behrend, Geneva Observatory, CH-1290 Sauverny, Switzerland
[raoul.behrend@<suppressed>.ch] (20)

O. Vaduvescu, IMCCE, 77 Avenue Denfert Rochereau, F-75014 Paris, France
[ovidiu@<suppressed>.org] (32)

A. Galád, no details supplied [Adrian.Galád@<suppressed>.sk] (35)

Observer A. Galád

Measurers K. Hornoch, A. Galád

1.54-m Danish Telescope + CCD, 1.0-m Schmidt

USNO-B1.0, UCAC-2

[646, 80, 16*, 2009/09/24–2009/10/13]

{20} [5, 1, 0*, 2006/03/12]

{4} [21, 6, 0*, 1993/09/17–1998/08/27]

{8} [15, 9, 0*, 1993/03/20–1996/10/17]

{9} [18, 6, 0*, 2002/06/03–2005/02/18]

{32} [21, 2, 0*, 2008/03/11–2008/03/12]

816 Rand Observatory

G. R. Viscome, 30 Hyland Avenue, Lake Placid, NY 12946, U.S.A.

[GeorVisc@<suppressed>.com]

0.37-m $f/6$ reflector + CCD

USNO-SA1.0

[2, 1, 0*, 1996/11/17]

834 Buenos Aires-AAAA

R. Mackintosh, Seccion Sistema Solar, Asociacion Argentina Amigos de la
Astronomia, Av. Patricias Argentinas 550, AR-1405 Capital Federal,
Argentina [robertom@<suppressed>.ar]

Observers R. Mackintosh, M. Konishi, R. Mykytyuk

Measurer R. Mackintosh

0.25-m $f/6.3$ Schmidt-Cassegrain + CCD

USNO-A2.0

[3, 1, 0*, 2009/10/04]

844 Los Molinos

G. Tancredi, Departamento Astronomia, Facultad Ciencias, Igua 4225, UY-11400
Montevideo, Uruguay [gonzalo@<suppressed>.uy]

Observers R. Salvo, S. Roland, S. Bruzzone, G. Tancredi, M. Martinez

0.35-m reflector + CCD

USNO-SA2.0, USNO-B1.0, USNO-A2.0

[15, 2, 0*, 2009/10/20–2009/10/27]

850 Cordell-Lorenz Observatory, Sewanee

D. T. Durig, SPO 1242, Sewanee, TN 37383, U.S.A. [ddurig@<suppressed>.edu]

Observers D. T. Durig, M. A. Cowan, M. B. Barry, C. M. Allen, J. R. Pippin,

F. A. Schmidt, S. D. Harris, L. E. Walters, K. R. Wakefield, T. D. Moore,

W. G. Johnson, P. M. Johnson, C. A. Thaddeus

0.30-m Schmidt-Cassegrain + CCD

UCAC-2

[103, 31, 0*, 2009/09/29–2009/10/29]

854 Sabino Canyon Observatory, Tucson

J. E. McGaha, 5100 Sabino Foothills, Tucson, AZ 85750, U.S.A.

[mcgaha@<suppressed>.com]

0.36-m $f/10.0$ Schmidt-Cassegrain + CCD

USNO-A2.0

[84, 28, 0*, 2009/10/15–2009/10/27]

900 Moriyama

Y. Ikari, 13-9 Katube 2 Chome, Moriyama, Shiga-Ken, 524-0041 Japan

[ikari@<suppressed>.jp]

0.26-m $f/7.0$ reflector + CCD

UCAC-2, USNO-B1.0

[126, 53, 0*, 2009/10/09–2009/10/30]

910 Caussols-ODAS

A. Maury, Observatoire de la Côte d'Azur, B.P. 229, F-06304 Nice, France

[maury@<suppressed>.fr]

G. Hahn, DLR Institute of Planetary Exploration, Rudower Chaussee 5, D-12489 Berlin, Germany [Gerhard.Hahn@<suppressed>.de]
 Observers A. Maury, D. Albanese, G. Hahn, M. Hoffmann
 Measurers A. Maury, G. Hahn
 0.90-m Schmidt + CCD
 GSC
 [24, 8, 0*, 1996/10/20–1998/10/21]

926 Tenagra II Observatory

M. Schwartz, Tenagra Observatories, HC 2 Box 292, Nogales, AZ 85621, U.S.A.
 [mbs@<suppressed>.com]
 Observers P. R. Holvorcem, M. Schwartz, M. Ory, I. Robbins, J.-C. Merlin,
 L. Elenin
 0.81-m $f/7$ Ritchey-Chrétien + CCD
 USNO-A2.0, USNO-B1.0, UCAC-3, UCAC-2
 [827, 188, 2*, 2004/06/09–2009/10/30]

939 Observatorio Rodeno

J. Castellano, Av. Primado Reig 183, E-46020 Valencia, Spain
 [julioc@<suppressed>.com]
 0.20-m $f/10$ Schmidt-Cassegrain + CCD
 CMC
 [21, 7, 0*, 2009/10/11–2009/10/25]

941 Observatorio Pla D'Arguines

R. Ferrando, Guardia Civil N. 22, ESC-5 PTA.-34, E-46020 Valencia, Spain
 [rferrand@<suppressed>.com]
 Observers R. Ferrando, M. Ferrando
 0.40-m $f/10$ Ritchey-Chrétien + CCD
 UCAC-2
 [96, 16, 3*, 2008/06/01–2009/10/25]

947 Saint-Sulpice

B. Christophe, 63 rue Belliard, F-75018 Paris, France
 [bchristo@<suppressed>.fr]
 0.60-m $f/5.6$ reflector + CCD
 UCAC-2
 [21, 7, 0*, 2009/10/14–2009/10/15]

950 La Palma

A. Fitzsimmons, Physics Department, Queen's University, Belfast BT7 1NN,
 Northern Ireland [a.fitzsimmons@<suppressed>.uk] (3)
 [3, 1, 0*, 2002/11/05]

954 Teide Observatory

R. Casas, A. A. Sabadell P.O. Box 50, E-08200 Sabadell, Spain
 [rcr@<suppressed>.es]
 Observers J. A. Henríquez, J. F. Hernandez, G. Vazquez
 Measurers J. M. Aymami, J. Castellano, E. Reina, J. Lacruz
 0.82-m $f/11$ Cassegrain + CCD
 UCAC-2, CMC
 [10, 3, 0*, 1998/09/21–2009/10/12]

987 Isle of Man Observatory, Foxdale

D. Storey, 38 Hailwood Ave, Douglas, Isle of Man IM2 7DG, United Kingdom
 [dave.storey@<suppressed>.org]

0.4-m Schmidt-Cassegrain + CCD
 CMC

[9, 2, 0*, 2009/10/16–2009/10/17]

A02 Masia Cal Maciarol Modul 8

J. L. Salto G., C/ Tramuntana, 7, E-08630 Abrera, Catalonia, Spain
 [jlsalt@<suppressed>.es]
 Observers J. L. Salto, A. Salto
 0.25-m $f/7.2$ Schmidt-Cassegrain + CCD
 CMC
 [3, 1, 0*, 2009/10/18]

A06 Mataró

F. García, Bonaire 25 Atic, E-08301 Mataró, Spain
 [cosmosmataro@<suppressed>.com]
 Observer E. Cortes
 0.25-m $f/4.4$ Schmidt-Cassegrain + CCD
 CMC
 [4, 1, 0*, 2009/10/03–2009/10/04]

A13 Observatoire Naef, Marly

P. Kocher, ufem Berg 23, CH-1734 Tentlingen, Switzerland
 [kocher@<suppressed>.ch]
 0.5-m $f/3.3$ Hypergraph + CCD
 USNO-B1.0, UCAC-2, UCAC-3
 [413, 122, 13*, 2007/11/30–2009/10/28]

A17 Guidestar Observatory, Weinheim

M. Emmerich, Brunhildstrasse 31, D-69469 Weinheim, Germany
 [mark@<suppressed>.de]
 Observers M. Emmerich, S. Melchert
 0.36-m $f/6$ Schmidt-Cassegrain + CCD
 USNO-B1.0, UCAC-2
 [99, 25, 2*, 2009/10/18–2009/10/29]

A23 Weinheim

L. Kurtze, Klingenbergweg 14, D-69469 Weinheim, Germany
 [lothar.kurtze@<suppressed>.de]
 Observers L. Kurtze, C. Kurtze
 0.2-m $f/10$ Schmidt-Cassegrain + CCD
 UCAC-2
 [3, 1, 0*, 2009/09/26]

A24 New Millennium Observatory, Mozzate

E. Cozzi, Via Borghi 14, I-22076 Mozzate, Italy
 [new.millennium@<suppressed>.it]
 0.36-m $f/7.6$ Schmidt-Cassegrain + CCD
 USNO-A2.0
 [17, 2, 0*, 2009/10/14–2009/10/18]

A27 Eridanus Observatory, Langelsheim

E. Meyer, am Borbergsbach 18, D-38685 Langelsheim, Germany
 [eckart.meyer@<suppressed>.de]
 0.15-m refractor + CCD
 UCAC-3
 [17, 2, 0*, 2009/10/09–2009/10/20]

A35 Hormersdorf Observatory

J. Lorenz, An den drei Teichen 35, D-09395 Hormersdorf, Germany

[joachim.lorenz.hormersdorf@<suppressed>.de]

0.30-m $f/6$ Newtonian + CCD

USNO-A2.0

[3, 1, 0*, 2009/09/27]

A44 Altschwendt

W. Ries, Privatobservatory Altschwendt, Altenseng 6, A-4721 Altschwendt, Austria

[diriesw@<suppressed>.at]

0.45-m $f/3.6$ reflector + CCD

USNO-B1.0

[14, 5, 0*, 2007/05/18-2009/10/07]

A48 Povegliano Veronese

F. Rossetti, Via Di Vittorio 6, Povegliano Veronese (Verona), Italy

[rosfla@<suppressed>.it]

0.30-m $f/5$ reflector + CCD

USNO-A2.0

[19, 4, 0*, 2009/10/18-2009/10/24]

A50 Andrushivka Astronomical Observatory

Y. Ivashchenko, 3-7 Observatorna Sreet, Andrushivka, Zhytomyr reg, Ukraine

[yurets@<suppressed>.org]

Observers Y. Ivashchenko, P. Kyrlyenko

Measurer A. Nikolajchuk

0.6-m reflector + CCD

USNO-A2.0

[1165, 396, 2*, 2004/11/04-2009/10/09]

A53 Peschiera del Garda

R. Bianco, via della repubblica 31, I-37019 Peschiera del Garda, Italy

[robertobianco1950@<suppressed>.it]

0.25-m Schmidt-Cassegrain + CCD

USNO-A2.0

[19, 5, 0*, 2009/10/12-2009/10/26]

A55 Osservatorio Astronomico Vallemare di Borbona

V. S. Casulli, via Monte Rosa 1, I-00012 Colleverde di Guidonia (RM), Italy

[v.casulli@<suppressed>.it]

0.40-m $f/4.5$ Newtonian reflector + CCD

USNO-A2.0

[62, 11, 4*, 2009/10/12-2009/10/15]

A60 YSTAR-NEOPAT Station, Sutherland

Y. I. Byun, Yonsei University Observatory, Seoul 120-749, South Korea

[byun@<suppressed>.kr]

Observers M. J. Kim, Y. H. Bae, Y. J. Choi, H. Yi, H. K. Moon, Y. I. Byun,
H. S. Yim, W. Han

0.5-m $f/2$ reflector + CCD

USNO-B1.0

[48, 16, 0*, 2009/10/08-2009/10/21]

A71 Stixendorf

W. Vollmann, Dammaeckergasse 28/D1/20, A-1210 Wien, Austria

[vollmann@<suppressed>.at]

Observers P. Camilleri, E. Guido, M. Jaeger, E. Prosperi, G. Sostero, W. Vollmann

0.20-m $f/2.8$ reflector + CCD

UCAC-2

[36, 9, 0*, 2009/09/26-2009/10/25]

A74 Bergen-Enkheim Observatory

U. Suessenberger, Hohe Strasse 14, D-60388 Frankfurt, Germany

[u.suessenberger@<suppressed>.de]

0.4-m $f/4$ reflector + CCD

USNO-B1.0

[43, 13, 0*, 2009/10/14-2009/10/21]

A77 Observatoire Chante-Perdrix, Dauban

F. Kugel, Chante Perdrix, Dauban, F-04150 Banon, France

[fkugel@<suppressed>.fr]

Observers C. Rinner, F. Kugel

0.5-m $f/3$ reflector + CCD

USNO-B1.0, USNO-A2.0

[1628, 410, 21*, 2009/08/21-2009/10/30]

A78 Stia

G. Bartolozzi, Via 17 Partigiani No. 56, I-52017 Stia, Arezzo, Italy

[giba44@<suppressed>.it]

0.30-m $f/10$ Ritchey-Chrétien + CCD + $f/6.4$ focal reducer

UCAC-3

[23, 6, 0*, 2009/10/16-2009/10/27]

A79 Zvezdno Obshtestvo Observatory, Plana

F. Fratev, Persenk 34b, BG-1000 Sofia, Bulgaria

[filipfratev@<suppressed>.com]

0.35-m $f/3.4$ reflector + CCD

USNO-A2.0

[224, 60, 3*, 2009/10/09-2009/10/29]

A81 Balzaretto Observatory, Rome

L. Franco, via G. Balzaretto 80, I-00163 Roma, Italy

[lor_franco@<suppressed>.it]

0.20-m $f/5.3$ reflector + CCD

UCAC-2

[3, 1, 0*, 2009/10/13]

A92 Urseanu Observatory, Bucharest

A. Sonka, Astronomical Observatory Amiral Vasile Urseanu, Bd. Lascar Catargiu

nr. 21, sect1, Bucharest, Romania [bruno@<suppressed>.org]

0.30-m $f/10$ Schmidt-Cassegrain + CCD + $f/6.3$ focal reducer

USNO-B1.0

[12, 2, 0*, 2009/09/23-2009/10/05]

A97 Stammersdorf

W. Vollmann, Dammaeckergasse 28/D1/20, A-1210 Wien, Austria

[vollmann@<suppressed>.at]

0.20-m $f/4$ reflector + CCD

UCAC-2

[10, 2, 0*, 2009/10/04]

B01 Taunus Observatory, Frankfurt

E. Schwab, Westendstrasse 8, D-63329 Egelsbach, Germany
[e.schwab@<suppressed>.de]

Observers R. Kling, E. Schwab, U. Zimmer, S. Karge
0.6-m $f/3.3$ Cassegrain + CCD
UCAC-2

[538, 90, 10*, 2009/09/25–2009/10/25]

B03 Alter Satzberg, Vienna

M. Pietschnig, KLG Alter Satzberg 88, A-1140 Wien, Austria
[pietschnig@<suppressed>.at]

0.35-m $f/5.8$ Schmidt-Cassegrain + CCD
NOMAD

[40, 9, 0*, 2009/09/26–2009/10/26]

B05 Ka-Dar Observatory, Barybino

S. Korotkiy, Tsimlyanskaya street 30-137, Moscow 109559, Russia [ka-dar@<suppressed>.ru]

Observers S. Korotkiy, M. Ereshko
Measurer D. Chestnov

0.35-m $f/10$ Schmidt-Cassegrain + CCD + $f/6.3$ focal reducer, 0.11-m $f/7.7$
refractor + CCD

USNO-A2.0, UCAC-2, NOMAD

[3, 1, 0*, 2006/09/28]

B11 Osservatorio Cima Rest, Magasa

M. Toninelli, Via Paganini 12, I-25088 Toscolano-Maderno (BS), Italy
[m.toninelli@<suppressed>.it]

Observers M. Toninelli, F. Zanardini
0.5-m $f/5$ Newtonian reflector + CCD
USNO-B1.0

[28, 4, 2*, 2009/10/10–2009/10/27]

B15 Inastars Observatory, Potsdam (since 2006)

B. Thinius, Moosgloeckchenweg 8, D-14478 Potsdam, Germany
[thinius@<suppressed>.de]

0.36-m $f/5.8$ Schmidt-Cassegrain + CCD
NOMAD

[106, 14, 1*, 2009/10/12–2009/10/29]

B17 AZT-8 Evpatoria

V. Rihalsky, 97419, Evpatoria-19, Crimea, Ukraine [vlad_rvv@<suppressed>.ru]

Observers S. Korotkiy, S. Zolotov
Measurers I. Izmailov, S. Korotkiy, S. Zolotov

0.70-m $f/4.0$ reflector + CCD
UCAC-2

[33, 1, 0*, 2009/09/16–2009/09/24]

B18 Terskol

S. Barabanov, Institute of Astronomy of RAS, 48 Pyatnitskaya, Moscow 109017,
Russia [inasan@<suppressed>.ru]

Observers M. Andreev, A. Sergeev
0.6-m $f/13$ reflector + CCD

UCAC-2

[10, 3, 0*, 2009/10/27]

B19 Observatorio Iluro, Mataró

J. M. Villegas B., Plaza de les Tereses, E-08302 Mataró, Barcelona, Spain
[vilaia@<suppressed>.net]

0.20-m $f/3.7$ Schmidt-Cassegrain + CCD
CMC

[3, 1, 0*, 2009/10/17]

B21 Gaisberg Observatory, Schaerding

R. Gierlinger, Adalbert Stifterstrasse 45, A-4780 Schaerding, Austria
[info@<suppressed>.cc]

0.7-m $f/3.1$ Newtonian reflector + CCD
USNO-B1.0

[30, 14, 0*, 2009/10/20]

B28 Mandi Observatory, Pagnacco

P. Corelli, Mandi Observatory, Pagnacco, Udine, Italy
[corelli@<suppressed>.it]

0.45-m $f/4.5$ reflector + CCD
NOMAD

[9, 2, 0*, 2009/10/25]

B29 L'Ampolla Observatory, Tarragona

E. Forné, C/ Ciudad de Mendoza 40, E-08191 Rubí, Barcelona, Spain
[enfor@<suppressed>.es]

0.36-m $f/4$ reflector + CCD
UCAC-2

[12, 3, 0*, 2009/10/10–2009/10/12]

B33 Libbiano Observatory, Peccioli

P. Bacci, Centro Astronomico Libbiano, Loc. Libbiano Via della Chiesa 32, I-56037
Peccioli (PI), Italy [asteroidi@<suppressed>.org]

Observers P. Bacci, R. Emilio, R. Enzo, F. Biaci, F. Biasci, A. Villa, D. Antonacci,
P. Piludu, A. Domenico

0.5-m Ritchey-Chrétien + CCD
CMC, UCAC-2

[124, 39, 1*, 2009/10/12–2009/10/28]

B36 Redshed Observatory, Kallham

H. Bachleitner, Weireth 18, A-4720 Kallham, Austria
[hannes.bachleitner@<suppressed>.at]

0.32-m $f/5$ reflector + CCD
USNO-B1.0

[2, 1, 0*, 2009/10/07]

B37 Obs. de L' Ametlla del Valles, Barcelona

A. Garrigós S., L' Ametlla del Vallés, E-08480 Barcelona, Spain
[ags2es@<suppressed>.es]

0.51-m $f/4$ Newtonian reflector + CCD
CMC

[15, 4, 0*, 2009/09/29–2009/10/12]

B40 Skylive Observatory, Catania

F. Tozzi, Via Milo, 28, Catania, Italy [skylive@<suppressed>.it]

0.41-m $f/10$ Schmidt-Cassegrain + CCD + $f/5.6$ focal reducer
UCAC-2

[14, 2, 2*, 2009/09/29–2009/10/01]

B42 Vitebsk

V. Nevski, Chkalov street, 19/3-24, BY-210027 Vitebsk, Belarus

[nevski@<suppressed>.by]

0.3-m $f/5.0$ reflector + CCD

USNO-A2.0

[23, 5, 0*, 2009/09/16–2009/10/15]

B46 Sintini Observatory, Alfonsine

M. Graziani, Sintini Obs, Via Circonvallazione 92/2, Argenta, Italy

[magraziani@<suppressed>.it]

Observers M. Graziani, G. Mauro

Measurers F. Tozzi, G. Mauro

0.30-m Schmidt-Cassegrain + CCD

UCAC-3, USNO-SA2.0

[4, 2, 0*, 2009/10/24–2009/10/25]

B49 Paus Observatory, Sabadell

J. Camarasa, CC/ de les Paus no. 96 baixos, E-08202 Sabadell (BCN), Spain

[jordi.camarasa@<suppressed>.com]

0.25-m $f/4$ Newtonian reflector + CCD

USNO-A2.0, UCAC-2, CMC

[26, 8, 0*, 2009/10/11–2009/10/24]

B50 Corner Observatory, Durmersheim

J. Linder, Im Eck 1/19, D-76448 Durmersheim, Germany

[juergen@<suppressed>.de]

0.20-m $f/9.4$ Schmidt-Cassegrain + CCD

UCAC-2

[8, 1, 0*, 2009/10/19]

B51 Vallauris

J. Nicolas, 364 chemin de Notre Dame, F-06220 Vallauris, France

[nicolas.joel@<suppressed>.fr]

0.28-m $f/6.5$ reflector + CCD

USNO-A2.0

[2, 1, 0*, 2009/09/30]

B67 Sternwarte Mirasteilas, Falera

J. De Queiroz, Sternwarte Mirasteilas, CH-7153 Falera, Graubünden, Switzerland

[encarna@<suppressed>.ch]

0.90-m $f/6.7$ reflector + CCD

UCAC-2

[48, 15, 1*, 2009/10/19–2009/10/20]

B74 Santa Maria de Montmagastrell

J. M. Bosch, Carrer del Nord, 29, 3r, 2a, E-25300 Tàrraga, Spain

[jbosch1@<suppressed>.cat]

0.31-m $f/4.9$ Newtonian reflector + CCD

CMC, UCAC-2

[69, 17, 0*, 2009/10/06–2009/10/25]

B75 Stazione Astronomica Betelgeuse, Magnago

M. Martignoni, Via Don Minzoni 26D, I-20020 Magnago (Milano), Italy

[massimiliano.martignoni@<suppressed>.it]

0.20-m $f/10$ Schmidt-Cassegrain + CCD

USNO-B1.0

[7, 6, 0*, 2009/10/18–2009/10/19]

B81 Caimari

P. Salom, C/Ermitaño no. 6, E-07314 Caimari, Spain

[elsbufats@<suppressed>.net]

Observers M. Esteban, P. Salom

0.25-m $f/3$ Schmidt-Cassegrain + CCD

UCAC-2, CMC

[1, 1, 0*, 2009/10/10]

B82 Maidbronn

B. Haeusler, Albin-Joerg-Strasse 28, D-97222 Maidbronn, Germany

[bernhard.haeusler@<suppressed>.de]

0.30-m Schmidt-Cassegrain + CCD

CMC

[8, 1, 1*, 2009/09/26–2009/09/28]

B84 Cyclops Observatory, Oostkapelle

N. Jobse, Duinbeekseweg 22a, NL-4356 CE Oostkapelle, The Netherlands

[cyclops@<suppressed>.nl]

0.30-m $f/3.8$ reflector + CCD

USNO-B1.0

[12, 2, 0*, 2009/10/14]

B86 Sternwarte Hagen

M. Klein, Hierseier Weg 22, D-58119 Hagen, Germany

[minorplanets@<suppressed>.de]

Observers S. Certa, M. Klein, J. Tiedtke

0.50-m $f/3.0$ Deltagraph + CCD

USNO-B1.0

[8, 2, 0*, 2009/10/14–2009/10/25]

B92 Chinon

M. Audejean, Place du Général de Gaulle, F-37500 Chinon, France

[maurice.audejean@<suppressed>.fr]

0.32-m $f/6$ Newtonian reflector + CCD

USNO-B1.0

[57, 5, 0*, 2009/10/12–2009/10/27]

B94 Petrozavodsk

A. Novichonok, Zavodskaya street 23a-60, Kondopoga 186225, Russia

[astrokarelia@<suppressed>.ru]

Observers A. Novichonok, A. Smirnov, S. Niskanen, E. Evdokimova,

S. Evdokimova, A. Mezentsev, V. Agletdinov, A. Korolkov, D. Kirienko

0.25-m $f/8.0$ Ritchey-Chrétien + CCD

UCAC-2

[6, 2, 0*, 2009/10/10–2009/10/11]

B96 Brixii Observatory, Kruikebe

E. Bryssinck, Brixii Observatory, B-9150 Kruikebe, Belgium

[erik.bryssinck@<suppressed>.be]

0.28-m $f/10$ Schmidt-Cassegrain + CCD

CMC

[5, 1, 0*, 2009/10/08]

C00 Velikie Luki

A. Eliseev, Oktyabrskiy prospekt, 126-73, Velikie Luki, 182100, Russia
 [yeles@<suppressed>.ru]
 0.15-m $f/5.1$ reflector + CCD
 UCAC-2
 [31, 7, 0*, 2009/10/15–2009/10/20]

C03 Clayhole Observatory, Jokela

J. Suomela, Ida Aalbergin tie 3 A 144, SF-00400 Helsinki, Finland
 [astrometric@<suppressed>.com]
 0.20-m $f/10$ Schmidt-Cassegrain + CCD + $f/6.3$ focal reducer
 USNO-B1.0
 [6, 3, 0*, 2009/10/09]

C04 Kramatorsk

S. Plaksa, Belyaeva street, 111-197, UA-84320 Kramatorsk, Ukraine
 [S.Plaksa@<suppressed>.com]
 0.25-m $f/5.0$ Newtonian reflector + CCD
 UCAC-2
 [21, 3, 0*, 2009/09/17–2009/09/22]

C05 Königsleiten

G. Lehmann, Königsleiten 29, A-5742 Wald im Pinzgau, Austria
 0.60-m $f/10.0$ reflector + CCD
 UCAC-3
 [26, 6, 0*, 2009/10/19–2009/10/20]

C06 Krasnoyarsk

S. Veselkov, 660013, st. Energetikov, h. 40a, f. 16, Krasnoyarsk, Russia
 [pulsar1963@<suppressed>.ru]
 Tycho-2
 [20, 7, 0*, 2009/08/27–2009/10/09]

C07 Anysllum Observatory, Ager

X. Bros, 100 Ronda Zamenhof, Sabadell 08208, Spain [xavi@<suppressed>.com]
 0.35-m $f/4.6$ Newtonian reflector + CCD
 UCAC-2
 [10, 2, 0*, 2009/10/11–2009/10/17]

D20 Zadko Observatory, Wallingup Plain

M. Todd, 15 Conifer Street, Maddington, WA 6109, Australia
 [sionnagh@<suppressed>.com]
 1.0-m $f/4.0$ Cassegrain + CCD
 USNO-B1.0
 [79, 14, 0*, 2009/10/06–2009/10/08]

D21 Shenton Park

P. Luckas, 18 Waverley Street, Shenton Park, WA 6008, Australia
 [paul.luckas@<suppressed>.com]
 Observers P. Luckas, P. R. Holvorcem
 0.35-m $f/8.6$ Schmidt-Cassegrain + CCD
 USNO-A2.0
 [213, 47, 1*, 2009/09/30–2009/10/21]

D25 Tzec Maun Observatory, Pingelly

R. Wodaski, Tzec Maun Foundation, P.O. Box 137, Cloudcroft, NM 88317, U.S.A.
 [ron@<suppressed>.org]

Observers D. Chestnov, A. Novichonok, D. Mendicini, S. Beck, A. Smirnov,
 J. Kandler, K. Dankov, J. Sachs, S. Farmer Jr, J. Linder
 0.15-m $f/7.3$ refractor + CCD, 0.18-m $f/2.8$ Newtonian reflector + CCD
 UCAC-2, Tycho-2, NOMAD, USNO-A2.0, USNO-B1.0
 [473, 135, 2*, 2009/09/21–2009/10/23]

D29 Purple Mountain Observatory, XuYi Station

H. B. Zhao, 2# West Beijing Road, Nanjing 210008, China
 [meteorzh@<suppressed>.cn]
 Observers H. B. Zhao, J. S. Yao, Y. Z. Wu, M. Wang, G. T. Zhaori, R. Q. Hong,
 L. F. Hu
 Measurers H. B. Zhao, H. Lu, G. T. Zhaori, Y. Xia, S. Jianchun
 1.04-m $f/1.8$ Schmidt + CCD
 [18185, 4115, 16*, 2009/04/27–2009/10/28]

D35 Lulin Observatory

H. C. Lin, 300 JungDa Rd, Chung-li City, Tao-yuan Country, Taiwan
 [hclin@<suppressed>.tw]
 Observers C. W. Chen, Z. W. Zhang
 Measurer Z. W. Zhang
 0.41-m $f/8.8$ Ritchey-Chrétien + 2K×2K CCD + $f/6.25$ focal reducer
 USNO
 [12, 3, 0*, 2006/08/26–2007/05/11]

D39 Shandong University Observatory, Weihai

S. M. Hu, 180# Wenhua XiLu, Weihai, Shandong, P.O. 264209, China
 [husm@<suppressed>.cn]
 Observers D. F. Guo, S. M. Hu, J. M. Ai, H. X. C. Chen, C. M. Zhang, P. Zhang,
 H. X. Yin, W. B. Shi
 Measurers D. F. Guo, W. S. Shang, Q. T. Gao
 1.0-m $f/8.0$ reflector + CCD
 UCAC-2
 [226, 71, 1*, 2009/10/09–2009/10/20]

D90 RAS Observatory, Moorook

C. Jacques, P.O. Box 1084, Belo Horizonte, BR-30000 Minas Gerais, Brazil
 [cjacques1f@<suppressed>.br] (23)
 B. Conklin, no details supplied [bpconklin@<suppressed>.net] (26)
 K. Hills, 2 Brindley Brae, Kinver, DY7 6LR, England
 [kinverhills@<suppressed>.com] (30)
 E. Bryssinck, Eyckensbeekstraat 2, 9150 Kruikebeke, Belgium
 [erik.bryssinck@<suppressed>.be] (31)
 Observers E. Bryssinck, K. Hills, H. Sato, C. Jacques, E. Pimentel, B. Conklin
 0.41-m $f/9$ Ritchey-Chrétien + CCD, 0.14-m $f/7$ refractor + CCD
 USNO-B1.0, NOMAD, UCAC-2
 {23} [17, 6, 0*, 2009/10/15–2009/10/25]
 {26} [10, 5, 0*, 2009/10/17–2009/10/18]
 {30} [41, 9, 0*, 2009/10/04–2009/10/27]
 {31} [4, 1, 0*, 2009/09/19]

E10 Siding Spring-Faulkes Telescope South

P. Roche, Faulkes Telescope Project, Cardiff University, Cardiff CF24 3YB, Wales
 [info@<suppressed>.com]
 Observer R. Miles

2.0-m $f/10.0$ Ritchey-Chrétien + CCD
USNO-B1.0

[141, 18, 0*, 2009/10/07–2009/10/23]

E12 Siding Spring Survey

R. H. McNaught, Siding Spring Observatory, Coonabarabran, NSW 2357, Australia
[rmn@<suppressed>.au]

Observers R. H. McNaught, G. J. Garradd

Measurers E. C. Beshore, A. Boattini, G. J. Garradd, A. R. Gibbs, A. D. Grauer,
R. E. Hill, R. A. Kowalski, S. M. Larson, R. H. McNaught

0.5-m Uppsala Schmidt + CCD
UCAC-2

[19531, 4445, 52*, 2004/06/17–2009/10/30]

E16 Grove Creek Observatory, Trunkley

A. Mattingly, 2 Silex Road, Mosman, NSW 2088, Australia
[andrew@<suppressed>.com]

Observers P. Camilleri, E. Guido, M. Jaeger, E. Prosperi, G. Sostero,
W. Vollmann, J. Jaeger

0.35-m $f/6$ reflector + CCD, 0.30-m $f/6$ reflector + CCD
USNO-B1.0, UCAC-2

[19, 3, 0*, 2009/10/20–2009/10/23]

E17 Leura

J. Oey, 94 Rawson Pde., Leura, NSW 2780, Australia
[julianoey1@<suppressed>.au]

0.35-m $f/5$ Schmidt-Cassegrain + CCD
UCAC-2

[6, 2, 0*, 2004/07/16–2009/10/21]

E85 Farm Cove

J. McCormick, 2/4 Rapallo Place, Farm Cove, Pakuranga, Auckland, New Zealand
[farmcoveobs@<suppressed>.nz]

0.35-m $f/10$ Schmidt-Cassegrain + CCD
UCAC-2, USNO-A2.0

[23, 5, 0*, 2009/10/11–2009/10/25]

F59 Ironwood Remote Observatory, Hawaii

K. Archer, Ironwood Remote Observatory, 59-495 Hoalike Road, Haleiwa HI,
U.S.A. [kenarcher@<suppressed>.com]

Observers K. Archer, V. Reddy, R. Archer
0.2-m $f/4$ Newtonian reflector + CCD

USNO-B1.0

[15, 5, 0*, 2009/10/14–2009/10/17]

F65 Haleakala-Faulkes Telescope North

R. Miles, Grange Cottage, Stourton Caundle, Dorset DT10 2JP, England
[rmiles@<suppressed>.com] (6)

P. Roche, FT Project, School of Physics and Astronomy, Cardiff University,
Cardiff, U.K. [info@<suppressed>.com] (7)

M. Micheli, Via Ronchi S. Francesco di Paola 52, I-25100 Brescia, Italy
[marco.bs@<suppressed>.it] (9)

Observers R. Miles, M. Metzendorf, L. Kurtze, G. Privett, M. Micheli
2.0-m $f/10.0$ Ritchey-Chrétien + CCD

CMC, USNO-B1.0

{6} [173, 41, 2*, 2009/09/29–2009/10/23]

{7} [7, 3, 0*, 2009/10/02–2009/10/16]

{9} [10, 4, 0*, 2009/10/23]

F84 Hibiscus Observatory, Punaauia

N. Teamo, BP 13736, F-98717 Punaauia, Tahiti, French Polynesia
[ateamo@<suppressed>.pf]

0.35-m $f/2.0$ Schmidt + CCD
UCAC-2

[230, 47, 14*, 2008/08/04–2009/10/26]

F85 Tiki Observatory, Punaauia

N. Teamo, BP 13736, F-98717 Punaauia, Tahiti, French Polynesia
[ateamo@<suppressed>.pf]

0.41-m $f/8.0$ Ritchey-Chrétien + CCD
UCAC-2

[182, 44, 5*, 2008/09/02–2009/10/28]

G55 Bakersfield

R. Hollar, 1314 Laity Court, Bakersfield, CA 93306, U.S.A.
[rhollar@<suppressed>.net]

0.20-m Schmidt-Cassegrain + CCD
USNO-B1.0

[19, 3, 0*, 2009/10/04–2009/10/15]

G56 Walnut Creek

G. McKeegan, 1760 First Ave., Walnut Creek, CA 94597, U.S.A.
[geraldspace@<suppressed>.net]

0.28-m Schmidt-Cassegrain + CCD + $f/6.2$ focal reducer
USNO-B1.0

[22, 7, 0*, 2009/10/01–2009/10/23]

G58 Chabot Space and Science Center, Oakland

G. McKeegan, Chabot Space and Science Center, 10000 Skyline Blvd., Oakland,
CA 94619, U.S.A. [geraldspace@<suppressed>.net]

Observers G. McKeegan, C. Jung

0.9-m $f/8$ Cassegrain + CCD + $f/6.3$ focal reducer
USNO-B1.0

[28, 9, 0*, 2009/10/25–2009/10/26]

G68 Sierra Stars Observatory, Markleeville

R. Williams, 115 Chambers Lane, Markleeville, CA 96120, U.S.A.
[richw@<suppressed>.com]

Observers M. Nicholson, W. G. Dillon, J. Burnett, K. Dankov, R. Matson
Measurers M. Nicholson, D. Wells, W. G. Dillon, R. Matson

0.61-m $f/10$ Cassegrain + CCD
UCAC-2, USNO-B1.0, USNO-A2.0

[236, 57, 6*, 2009/09/15–2009/10/29]

G69 Thousand Oaks

J. W. Brinsfield, 5180 Via Capote, Thousand Oaks, CA 91320, U.S.A.
[jbrinsfi@<suppressed>.com]

0.35-m $f/10$ Cassegrain + CCD
USNO-A2.0

[117, 15, 0*, 2009/10/02–2009/10/30]

G80 Sierra Remote Observatories, Auberry

P. Mortfield, Sierra Remote Observatories, Auberry, CA 93602, U.S.A.

[Paul@<suppressed>.com]

0.4-m $f/8.9$ Ritchey-Chrétien + CCD

UNSO-B1.0

[8, 1, 1*, 2009/10/22–2009/10/26]

G84 Mount Lemmon SkyCenter

A. Block, no details supplied [ablock@<suppressed>.edu]

0.6-m $f/7.8$ reflector + CCD

UCAC-2

[4, 1, 0*, 2009/04/03]

G89 Kachina Observatory, Flagstaff

J. Hobart, 975 Mesa Trail, Flagstaff, AZ 86001-9632, U.S.A.

[nova@<suppressed>.net]

0.36-m $f/11.2$ Schmidt-Cassegrain + CCD

UCAC-2

[231, 42, 4*, 2009/10/15–2009/10/24]

G92 Jarnac Observatory, Vail

D. H. Levy, 2500 E. Wetstones Rd., Vail, AZ 85641, U.S.A.

[david@<suppressed>.org]

Observers D. H. Levy, W. Levy, T. Glinos

0.64-m $f/7.2$ Ritchey-Chrétien + CCD

USNO-A2.0

[3565, 904, 6*, 2009/09/25–2009/10/20]

G96 Mt. Lemmon Survey

E. Beshore, 1629 E. University Blvd., Tucson, AZ 85721-0092, U.S.A.

[ebeshore@<suppressed>.edu]

Observers A. D. Grauer, S. M. Larson, A. Boattini, R. E. Hill, R. Hill,

R. A. Kowalski, E. Beshore

Measurers E. C. Beshore, A. Boattini, G. J. Garradd, A. R. Gibbs, A. D. Grauer,

R. E. Hill, R. A. Kowalski, S. M. Larson, R. H. McNaught

1.5-m reflector + CCD

UCAC-2

[196672, 36658, 3474*, 2004/10/15–2009/10/30]

G98 Calvin-Rehoboth Observatory, Rehoboth

L. A. Molnar, Dept. of Physics & Astronomy, Calvin College, 1734 Knollcrest

Circle SE, Grand Rapids, MI 49546, U.S.A. [lmolnar@<suppressed>.edu]

Observers K. Hoogeboom, L. A. Molnar

0.4-m $f/8$ Ritchey-Chrétien + CCD

USNO-A2.0

[8, 2, 0*, 2009/09/28]

H01 Magdalena Ridge Observatory, Socorro

W. H. Ryan, Magdalena Ridge Observatory, New Mexico Tech, Socorro, NM

87801, U.S.A. [bryan@<suppressed>.edu]

Observers W. H. Ryan, E. V. Ryan

2.4-m $f/8.9$ reflector + CCD

USNO-B1.0

[417, 86, 1*, 2009/10/12–2009/10/27]

H05 Edmund Kline Observatory, Deer Trail

J. Gafford, 5471 Dillon St., Denver, CO 80239-6026, U.S.A.

[joegafford@<suppressed>.com]

0.46-m $f/4.5$ reflector + CCD

UCAC-2

[6, 2, 0*, 2009/10/17]

H06 RAS Observatory, Mayhill

A. Lowe, 1412 70 Avenue SW, Calgary, AB T2V 0R3, Canada

[andrew.lowe@<suppressed>.com] (6)

E. Guido, via Paride del Pozzo 12, I-80053 Castellammare di Stabia, Italy

[walcom77@<suppressed>.com] (14)

R. Ligustri, Circolo Astrofili Talmassons Observatory, Talmassons (UD), Italy

[rolando.ligustri@<suppressed>.it] (19)

N. Falla, 34 Orchard Road, Chessington, Surrey KT9 1AN, England

[n.falla@<suppressed>.com] (20)

H. Sato, 46-2-401, Den-en-chofu, Ota-ku, Tokyo, Japan [pite@<suppressed>.jp]

(32)

M. Gerber, Department of Ichthyology, Biodiversity Research Center, University of

Kansas, Lawrence, KS 66045 [gerber.monique@<suppressed>.com] (33)

B. Hauesler, no details supplied [bernhard.hauesler@<suppressed>.de] (34)

S. Kürti, Gugska 27, 940 82 Nove Zamky, Slovakia [info@<suppressed>.sk] (35)

Observers A. Lowe, H. Sato, M. Gerber, N. Falla, E. Guido, G. Sostero, T. Yusa,

M. Suzuki, E. Bryssinck, B. Hauesler, S. Kürti, P. Camilleri, M. Jaeger,

E. Prosperi, W. Vollmann, R. Ligustri

0.25-m $f/3.4$ reflector + CCD, 0.30-m $f/11.9$ reflector + CCD

UCAC-2, USNO-B1.0, CMC, USNO-A2.0

[9, 2, 0*, 2009/10/17–2009/10/19]

{14} [3, 1, 0*, 2009/10/23]

{19} [2, 1, 0*, 2009/10/24]

{20} [38, 14, 0*, 2009/09/16–2009/10/15]

{6} [417, 42, 33*, 2009/09/29–2009/10/28]

{32} [15, 5, 0*, 2009/10/06–2009/10/23]

{33} [5, 1, 0*, 2009/09/28]

{34} [20, 7, 0*, 2009/10/17]

H07 7300 Observatory, Cloudcroft

W. K. Y. Yeung, 139 Sandringham Place NW, Calgary, AB T3K 3V8, Canada

[microplanet333@<suppressed>.com]

0.45-m $f/3$ Schmidt-Cassegrain + CCD

USNO-A2.0

[5, 2, 0*, 2007/01/14–2007/03/25]

H08 BlackBird Observatory, Cloudcroft

K. Levin, P.O. Box 137, Cloudcroft, NM 88317, U.S.A.

[klevin57@<suppressed>.com]

Observer K. Levin

Measurer N. Teamo

0.51-m $f/8.26$ Ritchey-Chrétien + CCD

UCAC-2

[51, 11, 3*, 2009/10/23–2009/10/27]

H10 Tzec Maun Observatory, Mayhill

R. Wodaski, Tzec Maun Foundation, P.O. Box 137, Cloudcroft, NM 88317, U.S.A.
[ron@<suppressed>.org]

Observers E. Bryssinck, L. Elenin, D. Chestnov, S. Shurpakov, S. Plaksa,
V. Nevski, E. Schwab, A. Novichonok, F. Tozzi, J. Linder, K. Dankov,
S. Beck, A. Martin

Measurers E. Bryssinck, L. Elenin, S. Shurpakov, S. Plaksa, D. Chestnov,
V. Nevski, E. Schwab, A. Novichonok, F. Tozzi, J. Linder, K. Dankov,
S. Beck, A. Martin, A. Mimeev

0.36-m $f/3.8$ Maksutov-Newtonian + CCD, 0.18-m $f/2.8$ reflector + CCD, 0.41-m
 $f/9.0$ Ritchey-Chrétien + CCD, 0.18-m $f/7.3$ refractor + CCD, 0.11-m $f/5$
astrograph + CCD

USNO-A2.0, UCAC-2, NOMAD, Tycho-2, USNO-B1.0, CMC, UCAC-3
[1749, 326, 46*, 2009/09/16–2009/10/28]

H11 Rodeo

S. G. Cullen, P.O. Box 54, Rodeo, NM 88056, U.S.A.

[trluce001@<suppressed>.net]

Observers F. Fratev, A. F. Macica
0.61-m $f/8$ Ritchey-Chrétien + CCD
USNO-A2.0, NOMAD, USNO-B1.0

[78, 22, 3*, 2009/08/27–2009/10/24]

H13 Lenomiya Observatory, Casa Grande

L. Martinez, 515 E. Barrus Place, Casa Grande, AZ, U.S.A.

[kd7gmk@<suppressed>.com]

0.27-m $f/2$ Schmidt-Cassegrain + CCD
USNO-A2.0

[23, 4, 0*, 2009/07/28–2009/10/16]

H23 Pear Tree Observatory, Valparaiso

T. Haugh, 361 Okaloosa Ave, Valparaiso, FL 32580, U.S.A.

[haugh@<suppressed>.net]

0.25-m $f/5.4$ Newtonian reflector + CCD
USNO-B1.0

[28, 10, 0*, 2009/10/01–2009/10/21]

H26 Doc Greiner Research Observatory, Janesville

M. Mills, 3186 W. Danbury Drive, Janesville, WI, U.S.A.

[mills@<suppressed>.net]

0.40-m $f/8$ Schmidt-Cassegrain + CCD
USNO-B1.0, GSC-ACT, UCAC-2

[47, 10, 0*, 2009/10/01–2009/10/19]

H36 Sandlot Observatory, Scranton

G. Hug, 964 W. 149th St., Scranton, KS 66537, U.S.A. [fast@<suppressed>.org]

0.56-m reflector + CCD

UCAC-2

[296, 65, 11*, 2009/08/21–2009/10/30]

H45 Arkansas Sky Obs., Petit Jean Mountain South

P. C. Sherrod, 73 Tanyard Springs Road, Petit Jean Mountain, Morrilton,
AR 72110, U.S.A. [drclay@<suppressed>.net]

0.51-m $f/4.3$ astrograph + CCD

UCAC-3

[169, 15, 0*, 2009/10/18–2009/10/25]

H47 Vicksburg

C. Bell, 107 Judson Circle, Vicksburg, MS 39180, U.S.A.

[charbell@<suppressed>.net]

0.3-m $f/4.7$ Schmidt-Cassegrain + CCD

NOMAD

[16, 5, 0*, 2009/10/19–2009/10/21]

H53 Thompsonville

D. A. Birmingham, 5663 Green Meadow Rd., Thompsonville, IL 62890, U.S.A.

[dave@<suppressed>.org]

0.31-m $f/3$ Schmidt-Cassegrain + CCD, 0.20-m $f/4.5$ reflector

UCAC-2

[12, 2, 0*, 2009/10/18]

H55 Astronomical Research Observatory, Charleston

R. Holmes, 7616 NCR 1800E, Charleston, IL 61920, U.S.A.

[ari@<suppressed>.com]

Observers R. Holmes, K. Dankov

Measurers L. Trigoboff, B. King, J. Hunter, H. Devore, C. Ellis, R. Nunnery,

A. Vassallo, C. Dobson, B. Brooks, P. Lynch, A. Lucas, K. Dankov,

J. Nichols, L. Holt, I. Giles, C. Noel, T. Downing, E. Eppstein, J. Helmey,

S. Foglia, S. Gilmore, R. Holmes, L. Bowden

0.81-m $f/4.0$ astrograph + CCD, 0.61-m $f/4.5$ astrograph + CCD

USNO-B1.0, UCAC-2

[625, 129, 10*, 2007/04/20–2009/10/25]

H67 Stonegate Observatory, Ann Arbor

G. A. Vander Haagen, 825 Stonegate Road, Ann Arbor, MI 48103, U.S.A.

[garyvh2@<suppressed>.net]

0.35-m $f/6$ Schmidt-Cassegrain + CCD

GSC-ACT

[4, 1, 0*, 2009/10/08]

H85 Silver Spring

K. Levin, 10712 Meadowhill Road, Silver Spring, MD 20901, U.S.A.

[klevin57@<suppressed>.com]

Observer K. Levin

Measurer N. Teamo

0.45-m $f/7.25$ Ritchey-Chrétien + CCD

UCAC-2

[12, 4, 0*, 2009/10/26]

I03 European Southern Obs., La Silla-ASTROVIRTEL

C. Barbieri, Astronomical Observatory and Dept. of Astronomy of the
University of Padova, Vicolo Osservatorio 5, I-35122 Padova, Italy

[barbieri@<suppressed>.it] (1)

Measurers S. Magrin, S. Marchi, A. Migliorini

2.2-m reflector + CCD

[17, 3, 0*, 2001/04/20–2003/02/05]

I10 Campo Catino Austral Obs., San Pedro de Atacama

G. Masi, Via Madonna de Loco 47, I-03023 Ceccano (FR), Italy

[cao@<suppressed>.org]

Observers F. Mallia, A. Maury, F. Kugel, T. Noel, J. F. Soulier

Measurers F. Kugel, T. Noel, J. F. Soulier

0.4-m $f/8$ Ritchey-Chrétien + CCD
 USNO-B1.0, GSC-ACT
[10, 2, 0, 2009/10/21]*

I16 IAA-AI Atacama, San Pedro de Atacama

J. L. Ortiz, Instituto de Astrofísica de Andalucía, P. O. Box 3004, 18080 Granada, Spain [ortiz@<suppressed>.es]
 Observers J. L. Ortiz, N. Morales, I. de la Cueva, A. Maury
 Measurer N. Morales, J. L. Ortiz
 0.4-m $f/3.6$ reflector + CCD
 UCAC-2
[111, 32, 0, 2009/09/18–2009/09/25]*

I19 Tanti

C. Colazo, El Gato Gris, 145 San Luis Street, Tanti, Argentina [gatogristanti@<suppressed>.com]
 0.28-m $f/10$ Schmidt-Cassegrain + CCD + $f/3.3$ focal reducer
 USNO-A2.0, UCAC-2
[33, 10, 0, 2009/10/12–2009/10/18]*

I20 Rio Cuarto

F. D. Mazzone, 1469 Achalay Street, AR-5800 Rio Cuarto, Argentina [fmazzone@<suppressed>.ar]
 0.20-m $f/4$ Schmidt-Newtonian + CCD
 UCAC-2, UCAC-3
[80, 29, 0, 2009/10/03–2009/10/29]*

I32 Observatorio Beta Orionis, Rosario

F. Tifner, no details supplied [fernandotifner@<suppressed>.ar]
 0.25-m $f/10$ Schmidt-Cassegrain + CCD + $f/6.3$ focal reducer
 USNO-A2.0, UCAC-2, CMC
[6, 2, 0, 2009/10/09–2009/10/26]*

I36 Observatorio Los Campitos, Cañuelas

C. Ambrosioni P., Gorostiaga 2458, AR-1426 Ciudad de Buenos Aires, Argentina [ambrosioniprosen@<suppressed>.com]
 0.20-m Newtonian reflector + CCD
 UCAC-2
[11, 4, 0, 2009/10/02–2009/10/18]*

I99 Observatorio Blanquita, Vaciamadrid

F. Limon, Paseo Capa Negra, 6, B14, At B, Rivas Vaciamadrid 28522, Spain [flimon@<suppressed>.org]
 0.20-m $f/10$ Schmidt-Cassegrain + CCD
 USNO-A2.0, CMC
[19, 6, 0, 2009/09/25–2009/10/16]*

J00 Segorbe

R. Ferrando, Guardia Civil 22, 5, 34, 46020, Valencia, Spain [obs_segorbe@<suppressed>.com]
 0.25-m $f/10$ Schmidt-Cassegrain + CCD
 UCAC-2
[12, 2, 0, 2009/10/04–2009/10/10]*

J01 Observatorio Cielo Profundo, Oviedo

J. J. Gonzalez, Alejandro Casona 1 4C, 33013 Oviedo, Spain [juanjosegd@<suppressed>.es]

0.10-m $f/6.3$ refractor + CCD
 CMC, USNO-B1.0
[12, 3, 0, 2009/09/25–2009/09/27]*

J02 Busot

R. Garcia, Apto. 1010, 03111 Busot, Alicante, Spain [ruben@<suppressed>.es]
 0.28-m $f/11$ Cassegrain + CCD
 USNO-B1.0
[37, 10, 0, 2009/09/23–2009/10/24]*

J04 ESA Optical Ground Station, Tenerife

D. Koschny, European Space Agency ESA/ESTEC, Keplerlaan 1, NL-2201 AZ Noordwijk ZH, The Netherlands [Detlef.Koschny@<suppressed>.int]
 Observers M. Busch, R. Kresken
 1.0-m $f/4.4$ reflector + CCD
 USNO-A2.0
[868, 253, 7, 2009/09/10–2009/09/14]*

J13 La Palma-Liverpool Telescope

D. Bowdley, National Schools' Observatory, Liverpool John Moores University, Astrophysics Research Institute, 12 Quays House, Egerton Wharf, Birkenhead, Wirral, CH4 1LD, U.K. (1)
 Observer A. Newsam
 Measurer D. Bowdley
 2.0-m Ritchey-Chrétien + CCD
 USNO-B1.0
 {1} *[89, 17, 0*, 2009/01/21–2009/10/23]*

J14 La Corte

E. Ferra, 96 La Corte, E-35630 Antigua, Las Palmas de Gran Canaria, Canary Islands, Spain [deferrae@<suppressed>.com]
 0.11-m $f/4$ Newtonian reflector + CCD
 UCAC-2
[16, 4, 0, 2009/09/29–2009/10/08]*

J16 An Carraig Observatory, Loughinisland

K. Rooney, 73a Drumgooland Road, Loughinisland, Downpatrick, Northern Ireland [kieranprooney@<suppressed>.uk]
 0.25-m $f/10.0$ Schmidt-Cassegrain + CCD
 USNO-B1.0
[4, 2, 0, 2009/10/16]*

J19 El Maestrat

F. Peña C., Carretera Vistabella No. 6, Atzeneta del Maestrat, E-12132 Castellon de la plana, Spain [fepeci@<suppressed>.com]
 Observers F. Peña C., A. del Maes
 Measurer F. Peña C.
 0.15-m reflector + CCD
 USNO-A2.0
[56, 14, 0, 2009/10/04–2009/10/30]*

J21 El Boalo

A. de la Hermosa, Calle Cañada no. 5, E-28413 El Boalo, Madrid, Spain [ANGELHL@<suppressed>.net]
 0.35-m Schmidt-Cassegrain + CCD
 UCAC-2

[3, 1, 0*, 2009/10/10]

J26 The Spaceguard Centre, Knighton

J. R. Tate, Llanshay Lane, Knighton, Powys LD7 1LW, Wales

[mail@<suppressed>.com]

0.35-m Schmidt-Cassegrain + CCD

USNO-A2.0

[64, 20, 0*, 2009/09/30–2009/10/17]

J27 El Guijo Observatory

A. San Segundo, 21 Onice Street, Galapagar, E-28360 Madrid, Spain

[assdelgado@<suppressed>.es]

0.25-m Schmidt-Cassegrain + CCD

UCAC-2, CMC

[9, 3, 0*, 2009/10/03–2009/10/12]

J28 Jaen

J. J. Martín, C/Miguel Castillejo, 14-7, E-23008 Jaén, Spain

[jjmrsoft@<suppressed>.net]

0.20-m $f/10$ Schmidt-Cassegrain + CCD + $f/6.3$ focal reducer

CMC, UCAC-2

[47, 16, 0*, 2009/10/02–2009/10/29]

J35 Tucci Observatory, Martos

J. C. Millán, C/Río Guadalquivir, 12, E-23600 Martos (Jaén), Spain

[jc.millan@<suppressed>.es]

0.23-m $f/10$ Schmidt-Cassegrain + CCD

CMC

[9, 2, 0*, 2009/10/12–2009/10/24]

J38 Observatorio La Vara, Valdés

F. García, Observatorio La Vara, Valdés, Asturias, Spain

[faustino.garcia@<suppressed>.com]

0.25-m $f/8.1$ reflector + CCD

CMC

[6, 1, 0*, 2009/10/26]

J40 Malaga

J. M. Ruiz M., C/ Virgen Bien Aparecida No. 3, E-29007 Malaga, Spain [obs-

malaga@<suppressed>.es]

0.20-m $f/5$ Newtonian reflector + CCD

CMC, USNO-SA2.0

[19, 6, 0*, 2009/10/01–2009/10/24]

J47 Observatorio Nazaret

G. Muler, Los Mirlos 7, Nazaret, E-35530 Lanzarote, Spain

[gustavomuler@<suppressed>.com]

Observer G. Muler

Measurers G. Muler, J. M. Ruiz

0.30-m Schmidt-Cassegrain + CCD

CMC, USNO-A2.0

[487, 95, 12*, 2009/09/30–2009/10/30]

J51 Observatorio Atlante, Tenerife

J. A. Henríquez, Juan Alvarez Delgado 11, 5, 2, E-38007 S. C. de Tenerife, Spain

[jahensan@<suppressed>.com]

0.2-m $f/9$ Cassegrain + CCD

CMC, UCAC-2, UCAC-3

[47, 11, 0*, 2009/10/15–2009/10/28]

J53 Posadas

R. Benavides, Gaitan 20, E-14730 Posadas-Córdoba, Spain

[Rafaelbenpal@<suppressed>.com]

0.28-m $f/6.3$ Schmidt-Cassegrain + CCD

CMC, UCAC-2, USNO-B1.0

[33, 11, 0*, 2009/10/11–2009/10/25]

J59 Observatorio Linceo, Santander

J. Temprano, Santa Lucia 48, E-39003 Santander, Spain

[tempranj@<suppressed>.es]

0.25-m $f/3.3$ Schmidt-Cassegrain + CCD

CMC, UCAC-2

[8, 3, 0*, 2009/10/16–2009/10/17]

J65 Celbridge

D. McDonald, 38 The Walk, Oldtown Mill, Celbridge, Co. Kildare, Ireland

[dmcdona@<suppressed>.net]

0.36-m $f/11$ Schmidt-Cassegrain + CCD

USNO-B1.0

[8, 1, 0*, 2009/10/16–2009/10/17]

J75 OAM Observatory, La Sagra

S. Sanchez, Observatori Astronomic de Mallorca, Camí de l'observatori s/n,

E-07144 Costitx, Balears, Spain [astroam@<suppressed>.es]

Observers S. Sanchez, J. Nomen, R. Stoss, W. K. Y. Yeung, J. Rodriguez

0.45-m $f/2.8$ reflector + CCD, 0.40-m $f/10$ reflector + CCD

UCAC-2

[76424, 15829, 462*, 2008/07/29–2009/10/30]

J77 Golden Hill Observatory, Stourton Caundle

R. Miles, Grange Cottage, Stourton Caundle, Dorset DT10 2JP, England

[rmiles@<suppressed>.com]

0.28-m $f/9.4$ Schmidt-Cassegrain + CCD

CMC, USNO-B1.0

[6, 2, 0*, 2009/10/13–2009/10/17]

J87 La Cañada

J. Lacruz, Ramon Gomez de la Serna 83 7F, E-28035 Madrid, Spain

[juan@<suppressed>.es]

0.40-m Ritchey-Chrétien + CCD

UCAC-2

[40, 10, 3*, 2009/10/16–2009/10/18]

J93 Mount Tuffley Observatory, Gloucester

J. Fletcher, 54 Windsor Drive, Tuffley, Gloucester GL4 0QT, England

[jfmo@<suppressed>.uk]

0.25-m $f/5.5$ Schmidt-Cassegrain + CCD

CMC

[12, 2, 0*, 2009/10/11–2009/10/12]

J94 Abbeydale

A. E. Cahill, Mount Abbeydale, 51 Fieldfare, Abbeydale, Gloucester GL4 4WH,

England [alancahill@<suppressed>.uk]

2009 NOV. 2

M.P.C. 67367

0.3-m $f/4.0$ Schmidt-Cassegrain + CCD
USNO-B1.0

[24, 8, 0*, 2009/10/11–2009/10/28]

J95 Great Shefford

P. Birtwhistle, Phlox Cottage, Wantage Road, Great Shefford, Berkshire
RG17 7DA, England [peter@<suppressed>.uk]

0.40-m $f/6.0$ Schmidt-Cassegrain + CCD
UCAC-2, USNO-B1.0

[336, 74, 1*, 2009/09/30–2009/10/28]

J96 Observatorio de Cantabria

J. Temprano, Observatorio de Cantabria, Valderredible, Cantabria, Spain

[tempranj@<suppressed>.com]

Observer J. Ruiz

Measurers J. Curto, J. Temprano

0.40-m $f/5$ Ritchey-Chrétien + CCD

CMC

[6, 1, 0*, 2009/10/18–2009/10/19]