

AAVSO Observers By Country 2019-2020 Fiscal Year

Country	No. Observers	Observations
Argentina	13	584
Australia	23	33909
Austria	6	12789
Barbados	1	15
Belarus	4	5574
Belgium	21	700833
Bermuda	1	25
Bolivia	6	99
Brazil	26	5456
Bulgaria	1	107
Canada	44	62179
China	4	1035
Croatia	1	2
Cyprus	2	21456
Czech Republic	1	332
Denmark	11	1708
Ecuador	1	4
Estonia	1	73
Finland	9	26167
France	32	21662
Germany	52	40571
Greece	10	10747
Hungary	31	42970
India	3	25400
Iran	1	17
Ireland	3	235
Italy	33	11085
Japan	5	479
Kazakhstan	1	121
Kuwait	1	3
Latvia	1	104
Lebanon	1	1
Luxembourg	1	34
Malta	2	14974
Mexico	3	2231

Country	No. Observers	Observations
Netherlands	10	2408
New Zealand	6	3735
Norway	3	108
Pakistan	1	1
Philippines	1	1489
Poland	22	5826
Portugal	3	493
Romania	8	2816
Russia	19	9483
Serbia	2	561
Singapore	2	143
Slovakia	4	3402
South Africa	5	2416
Spain	63	315112
Sweden	13	18630
Switzerland	4	1641
Taiwan	2	458
Turkey	2	40
Ukraine	18	10107
United Arab Emirates	1	1030
United Kingdom	36	87169
United States	285	994408
Uruguay	1	3
Uzbekistan	1	15
Venezuela	1	18
Wales	1	728
Country Total	Observers Total	Observations Total

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AAVSO Observers 2019-2020 Fiscal Year

Obscode	Organization	Name	Location	No. Observations
AAP		P. Abbott	Canada	23
AAN	BAV	A. Abe	Germany	19
APGA	BAA-VSS	P. Abel	United Kingdom	33
ARU	LIADA	R. Abruzzese Antezana	Bolivia	2
AHRA		H. Ace	United States	329
APIA	UAI	P. Aceti	Italy	495
ACN	REA	C. Adib	Brazil	323
ACOB		C. Aggelis	Greece	397
AANF		A. Agudo Azcona	Spain	10
ASA		S. Aguirre	Mexico	282
OAAA		Al Sadeem Observatory	United Arab Emirates	1030
AJAC		J. Alduncin	Spain	31
ARL		R. Alencar Caldas	Brazil	3
ABRA		B. Algeri	United States	1
ACEA		C. Allen	United States	103
ACO	BAA-VSS	C. Allen	Sweden	1297
AMLA		M. Allen	United States	65
AJV	AASABADELL	J. Alonso	Spain	735
AGHA		G. Alotaibi	Kuwait	3
AKV		K. Alton	United States	1184
AAX	NEOA-JBS	A. Amorim	Brazil	2202
AADA	LIADA	A. Anunziato	Argentina	4
ALRB		L. Araujo	Brazil	16
AEUA		E. Araújo	Brazil	5
AJLA		J. Araújo	Brazil	14
ANAB		N. Arias	Argentina	11
ARJ		J. Arnold	United States	946
ASJA		S. Arnold	United Kingdom	104
ATE		T. Arranz	Spain	195237
APAA	RASC	P. Ashmore	Canada	98

Obscode	Organization	Name	Location	No. Observations
AUMA		U. Asim	Pakistan	1
AJFC		J. Aso	Spain	6
ATDA		T. Atwood	United States	34
ADI	BAV	D. Augart	Germany	110
ARX		R. Axelsen	Australia	50
ATOB	AS	T. Axelsen	Denmark	439
AMID		M. Aznar Carbo	Spain	112
BCMB		C. Babbage	United States	1
BJAK		J. Backman	Finland	1750
BOZ	MCSE	B. Bago	Hungary	3848
BJUB		J. Bagüés	Spain	12
BWY		W. Bailey	United States	173
BFX		R. Baker	United States	14
BFO	MCSE	J. Bakos	Hungary	1460
BFU		F. Baldanza	Italy	20
BDAD		D. Bamberger	Germany	4
BGZ		G. Banialis	United States	680
BDI	BAV	D. Bannuscher	Germany	49
BSBB		S. Baranowski	Poland	24
BXA		A. Baransky	Ukraine	62
UIS01		Barber Observatory	United States	1077
BMAI		M. Barlazzi	Italy	184
BNRA		N. Bazana	Brazil	1
BBA		B. Beaman	United States	2592
BWX	RASC	A. Beaton	Canada	25
BANP	BAV	A. Beck	Germany	173
BDQ		A. Bedard	United States	245
BJS		J. Bedient	United States	5
BLUC		L. Bedregal	Bolivia	3

Obscode	Organization	Name	Location	No. Observations
BBRE		B. Belay	United States	80
BZX		A. Beltran	Bolivia	32
BHS		H. Bengtsson	Sweden	132
BDJB	ASSAU	D. Benn	Australia	38
BTY		T. Benner	United States	793
BNR		R. Bennett	United States	4
BJOK		J. Berenguer	Spain	92
BSEC		S. Bergeron	Canada	23304
BDNA		D. Bertesteanu	Romania	1334
BANC		A. Berthold	Austria	1
BJON		J. Bes	France	13
BYF		H. Betlem	Netherlands	396
BRIA		R. Biernikowicz	Poland	1178
BALB		A. Biheza	Belarus	1700
BWIB		W. Bijl	Netherlands	1
BRYB		R. Bird	United States	2
BXT	NAS	T. Bjerkgard	Norway	101
BXU		J. Bjoerklund	Denmark	1
BJOI		J. Black	New Zealand	1
BRAC		R. Black	United States	157
BMGA	VSS	M. Blackford	Australia	104
BKL		J. Blackwell	United States	182
BADB		A. Blake	United States	28
BFAD		F. Blanckaert	Belgium	12
BVZ		J. Blanco Gonzalez	Spain	7
BLD	ASSA	D. Blane	South Africa	885
BCAD		C. Blumenroether	Germany	49
BJAA		J. Boardman	United States	2823
BOH	BAV	D. Boehme	Germany	3772

Obscode	Organization	Name	Location	No. Observations
BETB		E. Boeneker	Mexico	428
BEJB		E. Bogen	United States	21
BHQ	VSS	T. Bohlson	Australia	145
BVS		S. Bolzoni	Italy	21
BROJ	GEOS	R. Boninsegna	Belgium	6
BRJ		J. Bortle	United States	419
BMIE		M. Borys	Belarus	40
BMF	RASC	M. Boschat	Canada	24
BMU	KNVWS	R. Bouma	Netherlands	32
BDG	BAA-VSS	D. Boyd	United Kingdom	3912
BMK		M. Bradbury	United States	53
BRAF		R. Braga	Italy	34
BSTB		S. Brand	United States	7
BJFA		J. Brandie	China	930
BNW	BAV	W. Braune	Germany	27
BHOB		H. Braunwarth	Germany	2052
BQC	AFOEV	J. Breard	France	218
BTB		T. Bretl	United States	53
BHA	BAV	H. Bretschneider	Germany	681
BQE	RASC	E. Briggs	United States	61
BSM		S. Brincat	Malta	12326
BLP	MCSE	P. Brlas	Hungary	18
BOS	VVS	E. Broens	Belgium	22
BCOB		C. Bronson-Doherty	United States	12
BWU		D. Brooks	United States	8
BLUA		L. Brooks	United States	76
BBM		B. Brown	United States	1
BNK		N. Brown	Australia	430
BYQ		T. Bryant	United States	46

Obscode	Organization	Name	Location	No. Observations
BISA	AVSOPLEIONE	I. Bryukhanov	Belarus	14
BHU		R. Buchheim	United States	1543
BNBA		N. Buchholz	Germany	250
BJIA		J. Burrow	Australia	35
BVQ	ASA	V. Buso	Argentina	55
BGEF		G. Bösch	Germany	350
CALC		A. Cabello Sánchez	Spain	35
CPU	REA	P. Cacella	Brazil	47
CTOA		T. Calderwood	United States	423
CJUC		J. Calvo Fernández	Spain	7
CALH		A. Camanzo Mariño	Spain	1
CLUB	NEOA-JBS	L. Camargo Da Silva	France	11
CMN		R. Cameron	Australia	16
CMP		R. Campbell	United States	8
CFRA		F. Campos	Spain	173
CPEC		P. Campàs	Spain	183
CAGC		A. Candal	Argentina	7
CEM	AASABADELL	E. Capella	Spain	34
CQP		A. Capetillo Blanco	Spain	95
CMAE		M. Cappellini	Italy	216
CADA	NEOA-JBS	A. Cardoso	Brazil	30
CJEC		J. Carels	Belgium	23
CW		W. Carini	United States	2
CKCA		K. Carr	United States	60
CRI	AASABADELL	R. Casas	Spain	29
CLQ		L. Cason	United States	228
CLAC		L. Cassignard	France	10
CJE	AFOEV	J. Castellani	France	1054
CRAB		R. Castillo	Spain	9

Obscode	Organization	Name	Location	No. Observations
CWO		W. Castro	United States	76
CDZ		D. Cejudo Fernandez	Spain	91156
CIVA		I. Cervini	Switzerland	371
CNT		D. Chantiles	United States	243
CGF		G. Chapple	United States	328
CGZ	BAA-VSS	G. Chaplin	United Kingdom	1449
CDMB	RASC	D. Chapman	Canada	9
CJL		J. Charles	United States	4
CVID		V. Chemin	France	1
CKYA		K. Chen	United States	4
CMJB		M. Chesnes	United States	4
COLA		O. Cheurfi	France	72
CCY		C. Chiselbrook	United States	99
CDAI		D. Choi	United States	2
CBRB		B. Chopp	United States	3
CVIC		V. Chornopyskyy	Canada	26
CIOA		I. Chouinavas	Greece	5
CJPB		J. Choynowski	United States	628
CMF	BAV	M. Chudy	Germany	68
CWP		W. Clarke	United States	1001
CTIC		T. Claydon	Canada	3
CABB		A. Clevenson	United States	61
CPE		P. Closas	Spain	75
CGRE	BAA-VSS	G. Coates	United Kingdom	3052
CDK		D. Collins	United States	13964
CME	UAI	E. Colombo	Italy	475
CTIA		T. Colombo	Italy	444
CCHC		C. Colvin	United States	3336
CDSA	BAA-VSS	D. Conner	United Kingdom	5715

Obscode	Organization	Name	Location	No. Observations
CGRD		G. Conrad	United States	3520
CEMB	AFOEV	E. Conseil	France	444
COO		L. Cook	United States	17670
CMJA		M. Cook	Canada	2207
CK		S. Cook	United States	2090
CWT		W. Cooney	United States	16444
COM	ASSA	T. Cooper	South Africa	20
CLZ		L. Corp	France	12925
CMEA		M. Correa	Spain	200
CAI		A. Correia	Portugal	157
COV		V. Coulehan	United States	58
CMAL		M. Couprie	Netherlands	1
CWD		D. Cowall	United States	8
CTX		T. Crawford	United States	14
CDAD		D. Crowson	United States	12003
CMED		M. Crowson	United States	3
CRR		R. Crumrine	United States	40
CFL		F. Cruz Nicolau	Argentina	160
CDVA	MCSE	D. Csillag	Hungary	1
CSM	MCSE	M. Csukas	Romania	808
CKB		B. Cudnik	United States	3341
CFJB		F. Cuevas Naranjo	Spain	22
CWIB		W. Cuppens	Belgium	3
CUU		J. Curto Amigo	Spain	20
CCHD		C. Cynamon	United States	2815
CSZ	MCSE	S. Cziniel	Hungary	146
DNRA		N. D'Imperio	United States	25
DQR		R. D'Imperio	United States	31
DCMA		C. Da Silva	Brazil	220

Obscode	Organization	Name	Location	No. Observations
DAH	NAS	H. Dahle	Norway	1
DPHA		P. Danthine	Belgium	68
DGSA	BAA-VSS	G. Darlington	United Kingdom	3928
DAM		A. Darriba Martinez	Spain	722
DARB		A. Das	India	2
DMA		M. Davis	United States	70
DHEB		H. De Angelis	Sweden	961
DJAD		J. De Elías	Spain	502
DJX	RASC	M. De Jong	Canada	541
DPP		P. De Ponthiere	Belgium	12998
SWQ	REA	W. De Souza	Brazil	89
DSJ	REA	J. De Souza Aguiar	Brazil	38
DJEG	VVS	J. De Wit	Belgium	6
DANF		A. Debackère	France	20
DJEF		J. Dechoz	France	11
DMIB		M. Deconinck	France	135
DPEB		P. Deeskow	Germany	120
DJUB		J. Defauw	France	8
DPOA		P. Deierlein	United States	2546
DLM	AFOEV	M. Deldem	France	180
DVIA		V. Della Vecchia	Italy	11
DMID		M. Dellepere	United States	3
DFR	RASC	F. Dempsey	Canada	46
DDE		D. Denisenko	Russia	53
DNO		O. Deren	Poland	506
DAND		A. Deshpande	India	25388
DJED		J. Desrosiers	Canada	1634
DEY		J. Deyoung	United States	620
DSI		G. Di Scala	Australia	22

Obscode	Organization	Name	Location	No. Observations
DXAA	AASABADELL	X. Domingo Martínez	Spain	1091
DZS	LIADA	S. Dominguez	Argentina	29
DCJB		C. Dommar	Spain	6
DTAA	AVSOPLEIONE	T. Donchenko	Uzbekistan	15
DROD		R. Donner	United States	29
DJUA		J. Dos Santos	Argentina	139
DERA		E. Dose	United States	28726
DDJ		D. Dowhos	Canada	1017
DDP		D. Duarte Cavalcante Pinto	Brazil	1
DUBF	VVS	F. Dubois	Belgium	3936
DPV		P. Dubovsky	Slovakia	2977
DDJC		D. Duchaine	United States	1
DFS	VVS	S. Dufoer	Belgium	72719
DMO	AFOEV	M. Dumont	France	733
DMPA		M. Durkin	United States	432
DGRA	SAAF	G. Duszanowicz	Sweden	7062
DKS		S. Dvorak	United States	235954
DJAE		J. Dygos	Poland	8
DMAC	AAM	M. Díaz	Spain	27
ETOA		T. Eenmae	Estonia	73
ESEA		S. Egan	United States	1
EHEA		H. Eggenstein	Germany	4755
EBAA	MCSE	B. Eigner	Hungary	161
EJIA		J. El Akoury	Lebanon	1
EEY		E. Erdelyi	United States	75
EAJA		A. Evans	Portugal	179
ERW	RASNZ-VSS	R. Evans	New Zealand	46
EWK		K. Ewing	United States	12
EMAB		M. Eysymontt	Poland	2

Obscode	Organization	Name	Location	No. Observations
FERA		E. Fabrigat	France	94
FMMA		M. Fagioli	Brazil	1
FSU		S. Fanutti	Canada	1
FRGA		R. Farfán	Spain	214
FFAD		F. Feijo	Brazil	410
FMIE		M. Felix	Brazil	4
FPAA		P. Fernandez Blanco	Spain	81
FRF	MCSE	R. Fidrich	Hungary	15
AAANE		A. Flores	Spain	211
FDA	MCSE	A. Fodor	Hungary	35
FATA		A. Forgács	Hungary	4
FJQ		J. Foster	United States	27211
FDAD		D. Fournier	Canada	780
FRL		R. Fournier	United States	14
FDU		D. Fowler	United States	22
FXJ		J. Fox	United States	235
FRIB		R. Francini	United States	214
FML		M. Fridlund	Sweden	39
FMG		G. Fugman	United States	38
FRTA		R. Fuller	United States	23
FSRA		S. Futchler	United Kingdom	163
GCHB		C. Galdies	Malta	2648
GMID		M. Gallagher	United States	17
GFDB	AAM	F. Garcia	Spain	191
GAA		P. Garey	United States	61
GALB		A. Garofide	Romania	111
GBL		B. Gary	United States	2
GDAE		D. Garza	United States	7
GKI		K. Geary	Ireland	86

Obscode	Organization	Name	Location	No. Observations
FERA		E. Fabrigat	France	94
FMMA		M. Fagioli	Brazil	1
FSU		S. Fanutti	Canada	1
FRGA		R. Farfán	Spain	214
FFAD		F. Feijo	Brazil	410
FMIE		M. Felix	Brazil	4
FPAA		P. Fernandez Blanco	Spain	81
FRF	MCSE	R. Fidrich	Hungary	15
AAANE		A. Flores	Spain	211
FDA	MCSE	A. Fodor	Hungary	35
FATA		A. Forgács	Hungary	4
FJQ		J. Foster	United States	27211
FDAD		D. Fournier	Canada	780
FRL		R. Fournier	United States	14
FDU		D. Fowler	United States	22
FXJ		J. Fox	United States	235
FRIB		R. Francini	United States	214
FML		M. Fridlund	Sweden	39
FMG		G. Fugman	United States	38
FRTA		R. Fuller	United States	23
FSRA		S. Futchter	United Kingdom	163
GCHB		C. Galdies	Malta	2648
GMID		M. Gallagher	United States	17
GFDB	AAM	F. Garcia	Spain	191
GAA		P. Garey	United States	61
GALB		A. Garofide	Romania	111
GBL		B. Gary	United States	2
GDAE		D. Garza	United States	7
GKI		K. Geary	Ireland	86

Obscode	Organization	Name	Location	No. Observations
GGLA		G. Germany	United States	6
GMV		M. Geselle	Germany	5
GQR		R. Gherase	Romania	13
GGU	KNVWS	G. Gilein	Netherlands	609
GSEB		S. Girard	United States	870
GRIB		R. Glassner	United States	25
GATH		A. Glazier	Ireland	15
GZN		A. Glez-Herrera	Spain	10678
GLG		G. Gliba	United States	1
GJLA		J. Goar	United States	186
GFB	CBA	B. Goff	United States	1
GEA		E. Gomez	United States	1
GPF		F. Gomez Pinilla	Spain	14
GTIA		T. Gong	United States	75
GCJ		J. González Carballo	Spain	164
GBRB	VVS	B. Goossens	Belgium	2766
GGC		G. Gotta	Italy	138
GKA		K. Graham	United States	347
GRL	NAS	B. Granslo	Norway	6
GPMA	RASC	P. Gray	Canada	20
GANG		A. Gregory	United States	111
GVD	AVSOPLEIONE	V. Grigorenko	Russia	25
GJJ		J. Grnja	Wales	1
GIGA	ASC	I. Grágeda Méndez	Bolivia	28
GCO		C. Gualdoni	Italy	5337
GKEA		K. Gurney	United Kingdom	964
GPIA		P. Guzik	Poland	7
HCS	MCSE	C. Hadhazi	Hungary	510
HDH	MCSE	S. Hadhazi	Hungary	377

Obscode	Organization	Name	Location	No. Observations
HTY		T. Hager	United States	1
HKB		B. Hakes	United States	208
HJW		J. Hall	United States	3479
HMB	VVS	F. Hambsch	Belgium	443678
HPAB		P. Harrington	United States	187
HBB		B. Harris	United States	8551
HMQ		M. Harris	United States	15
HAEA		A. Hasspacher	Argentina	17
HKY	RASC	K. Hay	Canada	2
HAB		R. Hays	United States	349
HMH		M. Heald	United States	19100
HRZ		R. Hegenbarth	Germany	4
HLJA		L. Heiland	United States	8
HQA		A. Henden	United States	701
HBIA		B. Hennessy	United States	2
HCW		C. Hergenrother	United States	1
HLLA		L. Herrington	United States	2
HMV		M. Hessom	United States	19
HEY	VVS	B. Heyndrickx	Belgium	1
HWAC		W. Hilliard	United States	1
HKEB		K. Hills	United Kingdom	2609
HDHA		D. Hinzl	United States	34
HGAB		G. Hirth	Germany	7
HFF		T. Hoffelder	United States	6
HGUA	SAAF	G. Holmberg	Sweden	1284
HOO	KNVWS	G. Hoogeveen	Netherlands	213
HOT		J. Hoot	United States	1088
HJG		J. Horne	United States	13
HMIA		M. Hotka	United States	218

Obscode	Organization	Name	Location	No. Observations
HSP	RASNZ-VSS	S. Hovell	New Zealand	3497
HRBA		R. Howard	United States	6
HOA		A. Howell	United States	122
HSW		S. Howerton	United States	25
HSTF		S. Hoyler	Germany	2
HJA		J. Hudson	United States	32
HGAC		G. Huffman	United States	4
HTN		K. Hutton	United States	32
HUZ		R. Huziak	Canada	108
ILE	MCSE	E. Illes	Hungary	4
IMA	UAI	M. Iozzi	Italy	470
JJB	AS	J. Jacobsen	Denmark	12
JTP	AFOEV	P. Jacquet	France	484
JGAA		G. Jaimes	Bolivia	4
JAT	MCSE	T. Jakabfi	Hungary	4
JDAA		D. Jakubek	Poland	1707
JADB		A. Jannetta	United Kingdom	2
JPAB		P. Jazewicz	Denmark	7
JENJ		J. Jenkins	United States	66
JRBA	ASSAU	R. Jenkins	Australia	2575
JSI		S. Jenner	United Kingdom	4
JTHA	AS	T. Jensen	Denmark	63
JRAB	LIADA	R. Jiménez	Venezuela	18
JGE	AAM	G. Jiménez López	Spain	46
JBEA		B. Jocham	Austria	1640
JSJA	BAA-VSS	S. Johnston	United Kingdom	23476
JMAB		M. Jones	United States	26
JPG		P. Jordanov	Bulgaria	107
JJNA		J. Jose	Spain	1

Obscode	Organization	Name	Location	No. Observations
JLZ	MCSE	L. Juhasz	Hungary	1218
KMY		M. Kaczmarech	Brazil	3
KLN		J. Kalen	United States	165
KB		W. Kaminski	United States	18
KAM	BAV	A. Kammerer	Germany	1
KTU		T. Kantola	Finland	14043
KMO		M. Kardasis	Greece	47
KSF		S. Karge	Germany	52
KBJB	SAAF	B. Karlsson	Sweden	169
KTHA	SAAF	T. Karlsson	Sweden	2048
KBJ		R. Kaufman	Australia	2
KMQ	AAM	M. Kearns	Spain	14
KGAB		G. Kellerman	United States	3464
KIAB		I. Kemp	Australia	483
KDAD		D. Kenyon	United States	733
KSH	VSS	S. Kerr	Australia	131
KSZ	MCSE	S. Keszthelyi	Hungary	191
KKX		K. Kida	Poland	4
KTHC	BAA-VSS	T. Killestein	United Kingdom	1
KROE		R. Kim	United States	4
KRAA		R. King	United States	31
KPEA	MCSE	P. Kiss	Hungary	1
KMM	UAG	M. Kititsa	Ukraine	10
KSI	VSOLJ	S. Kiyota	Japan	3
KSEC		S. Klimanskis	Latvia	104
KMAJ		M. Klimin	Russia	16
KKAA		K. Klindt-Jensen	Denmark	521
KRAB		R. Kneip	Luxembourg	34
KPL		P. Kneipp	United States	106

Obscode	Organization	Name	Location	No. Observations
KCD	BAA-VSS	C. Knight	New Zealand	6
KGTT		G. Knight	United States	37
KSP		S. Knight	United States	252
KOC	MCSE	A. Kocsis	Hungary	1
KLO		L. Kocsmaros	Serbia	558
KHL		M. Kohl	Switzerland	1035
KMWA	BAV	M. Kolb	Germany	455
KTAA	MCSE	T. Komaromi	Hungary	1
KMA		M. Komorous	Canada	1670
KEVB		E. Kononova	Ukraine	127
KSLA		S. Koontz	United States	327
KCY		D. Korycansky	United States	7
KOS	MCSE	A. Kosa-Kiss	Romania	3
KTJA		T. Kostelecky	United States	23
KCLA		C. Kotnik	United States	104
KSTC		S. Koukiaris	Greece	100
KAF	MCSE	A. Kovacs	Slovakia	109
KADB		A. Kovacs	Brazil	534
KYUB		Y. Kozlow	Ukraine	24
KFK		F. Krafka	United States	1
KWO	BAV	W. Kriebel	Germany	621
KIS	BAV	G. Krisch	Germany	30
KA		A. Kroes	United States	1008
KEVA	AVSOPLEIONE	E. Krotkov	Russia	8
KNA		N. Krumm	United States	683
KTZ		T. Krzyt	Poland	506
KUC	AFOEV	S. Kuchto	France	933
KBE		B. Kulbaba	Canada	4
KBO		R. Kuplin	United States	3

Obscode	Organization	Name	Location	No. Observations
KSQ		S. Kuznetsov	Russia	271
KMIC		M. Kwieceiak	Poland	12
LCR	AASABADELL	C. Labordena	Spain	820
LHS		H. Lacombe	Canada	31
LSA	URSA	S. Lahtinen	Finland	35
LALB		A. Lamperti	United States	71
LDJ	RASC	D. Lane	Canada	127
LTO	BAV	T. Lange	Germany	15
LAMA		A. Langford	United States	1836
LFK	AS	F. Larsen	Denmark	6
LKR		K. Larsen	United States	2
LMN	SAAF	M. Larsson	Sweden	4797
LJAE	RASC	J. Lavender	Canada	1
LZT		T. Lazuka	United States	298
LJEC		J. Leahy-McGregor	United States	496
LNAA		N. Lebid	Ukraine	217
LOLA		O. Lebid	Ukraine	192
LMT		M. Legutko	Poland	288
LMA	RASC	D. Lemay	Canada	15989
LROC	BAA-VSS	R. Lemmon	United Kingdom	1
LSI	UAI	S. Leonini	Italy	9
LVY		D. Levy	United States	79
LPAC		P. Lewin	United States	3339
LFLB		F. Libotte	Spain	187
LFEA		F. Limón Martínez	Spain	8
LLAA	AS	L. Lindhard	Denmark	22
LPEB	BAV	P. Lindner	Germany	1423
LMK		M. Linnolt	United States	340
LMMB	SAAF	M. Linné	Sweden	45

Obscode	Organization	Name	Location	No. Observations
LGIB		G. Locatelli	Italy	518
LGV		G. Lopatynski	United States	36
LRAB		R. Loslo	United States	205
LDAB		D. Louw	South Africa	19
LBG		G. Lubcke	United States	301
LBEC		B. Lütkenhöner	Germany	64
MDW		W. MacDonald	Canada	948
MRGA		R. MacPhail	Canada	15
MATA	MCSE	A. Madai	Hungary	1
MJAN		J. Magness	Netherlands	68
MZOA	MCSE	Z. Magyarics	Austria	133
MQA		A. Maidik	Ukraine	3053
MPIB		P. Majewski	Poland	53
MVO	URSA	V. Makela	Finland	623
MCPA		C. Maloney	United States	5
MESB	URSA	E. Mangeloja	Finland	1
MDYA		D. Mankel	United States	198
MAND		A. Mantero	Italy	4
MJZ	AFOEV	J. Manzorro	Spain	1610
MXI	UAI	A. Marchini	Italy	10
MJOE		J. Marco	Spain	146
MFB	UAI	F. Mariuzza	Italy	29
MCHB		C. Marlot	France	624
MDAG		D. Marshall	Barbados	15
MJOD		J. Martin	Spain	41
MJPA		J. Martinez	Argentina	3
MVIA		V. Marttila	Finland	4
MAV		D. Matsnev	Russia	15
MTH		H. Matsuyama	Japan	353

Obscode	Organization	Name	Location	No. Observations
MPR		P. Maurer	Germany	828
MDOA	RASC	D. May	Canada	1
MZR		J. Mazur	United States	7025
MGIA		G. Mazzacurati	Italy	133
MJHA		J. McCammon	United States	86
MCOA		C. McCann	United States	45
MDCA		D. McCullough	United States	11
MLHA		L. McDonald	United States	19
MDP	RASC	P. McDonald	Canada	1275
MJB		J. McMath	United States	4064
MMAE		M. McNeely	United States	690
MSD		D. Means	United States	481
MED		K. Medway	United Kingdom	2132
MZK		K. Menzies	United States	31931
MBEA		B. Merand	France	5
MDEN		D. Merrill	United States	7
MSS		S. Mesics	United States	60
MHL		E. Michaels	United States	3812
MMII		M. Miciukiewicz	United States	1
MVH		V. Mihai	Romania	234
MDRA		D. Miller	Canada	2
MIW	BAA-VSS	I. Miller	United Kingdom	481
MJMA		J. Miller	United States	2
MLL		J. Miller	United States	1
MMGA		M. Miller	United States	3
MMEA		M. Millward	Australia	850
MXAA		X. Miret	Spain	1809
MNIC		N. Mishevskiy	Ukraine	2771
MPIA		P. Mochocki	Poland	2

Obscode	Organization	Name	Location	No. Observations
MRV		R. Modic	United States	450
MHH		J. Moehlmann	United States	488
MOD		D. Mohrbacher	United States	327
MLF		L. Monard	South Africa	1476
MISA		I. Monks	United Kingdom	56
MNN	UAI	N. Montecchiari	Italy	49
MNIE		N. Montigiani	Italy	177
CHAG	ASC	G. Morales	Bolivia	30
MMAO		M. Morales Aimar	Spain	2776
MAEA		A. Morozov	Russia	47
MOW		W. Morrison	Canada	4993
MMX		M. Motta	United States	12
MMH		M. Muciek	Poland	568
MMU		M. Munkacsy	United States	4888
MUY	VVS	E. Muyliaert	Belgium	13518
MGW		G. Myers	United States	60646
MISB	MCSE	I. Mátis	Romania	311
NDQ	AFOEV	D. Naillon	France	353
NKEA		K. Nakonechny	Canada	11
NTA	REA	T. Napoleao	Brazil	2
NATA		A. Narita	Japan	10
NRNB		R. Navarro	Spain	233
NXAA	SAAF	X. Naveira	Sweden	15
NRNA		R. Naves	Spain	344
NLX		P. Nelson	Australia	11243
NREA		R. Nelson	Canada	32
NDAA		D. Nerezko	Ukraine	420
NROA		R. Nesci	Italy	18
NJO	BAV	J. Neumann	Germany	2751

Obscode	Organization	Name	Location	No. Observations
NDAB	RASC	D. Newbury	Canada	7
NOT	BAV	O. Nickel	Germany	1073
NMMA		M. Nikitin	Russia	23
NVAA		V. Nikitin	Slovakia	18
NMT	URSA	M. Nissinen	Finland	10
NCH		C. Norris	United States	33
NAO		A. Novichonok	Russia	52
NNIB		N. Novitska	Ukraine	101
NADA		A. Nowak	Poland	474
NSLA		S. Nystrom	United States	1
OCN		S. O'Connor	Bermuda	25
ODEA		D. O'Keefe	Ireland	134
ONJ		J. O'Neill	United States	623
OJEA		J. Oaster	United States	86
OAS		A. Odasso	Italy	46
OYE		Y. Ogmen	Cyprus	21448
ONOA		N. Ohuo	Japan	1
OAR	URSA	A. Oksanen	Finland	9699
OPR		P. Ossowski	Poland	23
OVLA		V. Ostrovshchuk	Ukraine	16
OSE		S. Otero	Argentina	3
OCR	VVS	C. Otten	Belgium	183
OEH		E. Ozturk	Turkey	2
PLA		A. Padilla Filho	Brazil	823
PSD		S. Padovan	Italy	817
PPIA		P. Papadeas	Greece	816
PTFA		T. Papadimitriou	Greece	5892
PSTC		S. Papayani	Ukraine	101
PPS	MCSE	S. Papp	Hungary	555

Obscode	Organization	Name	Location	No. Observations
PNIA		N. Paschalis	Greece	124
PJJ		J. Pastor	Spain	36
PMDA		M. Patrick	United States	4
PNIB		N. Paul	India	10
PEX		A. Pearce	Australia	5889
PRCA		R. Pearce	United Kingdom	6
PEI	AS	E. Pedersen	Denmark	495
PEG	AFOEV	C. Peguet	France	2400
PWD		W. Pellerin	United States	868
PCHD		C. Pellier	France	3
PPRA		P. Pendergraft	United States	27
PRVA		R. Pereira	Brazil	19
PIV		I. Peretto	Italy	61
PEJ	AFOEV	J. Perrard	France	58
PGD		G. Persha	United States	3445
PVA	RASC	V. Petriew	Canada	4
PLMA		L. Peñas	Spain	1
PJEE		J. Philpot	United States	5818
PXR	BAA-VSS	R. Pickard	United Kingdom	873
PKT		J. Pickett	United States	1857
PTHC		T. Piekarski	United States	6
PRUA		R. Pinizzotto	United States	58
PIJ	MCSE	J. Piriti	Hungary	740
PWMA		W. Pittendreigh	United States	137
PPL		P. Plante	United States	112
PLLA		L. Plybon	United States	24
AST	LIADA	R. Podesta	Argentina	12
PTOB		T. Polakis	United States	40
PJGA		J. Pontes	Canada	8

Obscode	Organization	Name	Location	No. Observations
PJOF		J. Poppele	United States	17
PRV		R. Potter	United States	422
PJOC	VSS	J. Powles	Australia	1527
POX		M. Poxon	United Kingdom	633
PYG	BAA-VSS	G. Poyner	United Kingdom	12320
PALA		A. Prokofyev	Cyprus	8
PMB		M. Prokosch	United States	17
PDQ	AFOEV	D. Proust	France	185
PJI		J. Pryal	United States	94
PUJ	AAM	F. Pujol-Clapes	Spain	680
PARA		A. Purroy	Spain	53
PHG		H. Purucker	Germany	1235
PALE		A. Purves	United States	74
PMAK		M. Pyatnytskyy	Ukraine	2127
FJAA		J. Quintana	Spain	3
RKE	BAV	K. Raetz	Germany	655
RJOC		J. Rallo	Spain	34
RBCA		B. Ramey	United States	287
RBK		B. Ramotowski	United States	15
RMAF		M. Rana	United States	507
RACA		A. Ranger	Canada	10
RMOA		M. Ranjbaran	Iran	17
RMW		M. Rapp	United States	43
RRUB		R. Rasmussen	Denmark	10
RROB		R. Ratkowski	United States	95
RWSA	VSS	W. Rea	New Zealand	159
REP	AJC	P. Reinhard	Austria	323
RFP		P. Reis Fernandes	Brazil	604
PREB		P. Reiss	France	80

Obscode	Organization	Name	Location	No. Observations
RJG		J. Ribeiro	Portugal	157
RMP		M. Ricard	Canada	36
RIX	VSS	T. Richards	Australia	3525
RHM		M. Richmond	United States	489
RCCA		C. Riou	France	141
OJR		J. Ripero Osorio	Spain	2343
RJAE		J. Rizzo	United States	377
RRIA		R. Roberts	United States	3274
REE		E. Robinson	United Kingdom	248
RJWB		J. Rock	United Kingdom	16233
RMU	AAM	M. Rodriguez Marco	Spain	2
RZD		D. Rodriguez Perez	Spain	490
RDAE		D. Rodriguez Vides	Spain	34
RRO		R. Rogge	Germany	11
RRRA		R. Roland	United States	1
RFDA		F. Romanov	Russia	159
RES		E. Romas	Russia	350
RPAC		P. Rosillo Rodes	Spain	56
RBRC		B. Ross	United States	173
ROG		G. Ross	United States	22
RGN		G. Rossi	Italy	130
RISA		I. Roy	United States	1
RJV		J. Ruiz Fernandez	Spain	899
RMTB		M. Russell	United States	17
SRIC		R. Sabo	United States	41359
SSU		S. Sakuma	Japan	112
SQL	ROU	R. Salvo	Uruguay	3
SBAH		B. Salwiczek	Poland	20
SAH		G. Samolyk	United States	123909

Obscode	Organization	Name	Location	No. Observations
SFGA		F. Sanchez Urquijo	Ecuador	4
SBIB		B. Sanders	United States	102
SSIM		S. Santini	Italy	8
SCHD		C. Sarkissian	Canada	6
SGE	RASC	G. Sarty	Canada	5
SEDB		E. Sawyer	Canada	489
SMAI		M. Sblewski	Germany	304
SDAV		D. Scanlan	United Kingdom	179
SJMG		J. Scarn	United States	4
SFS		S. Schiff	United States	199
SRBR		R. Schippers	Netherlands	477
SHEC		H. Schirov	Ukraine	179
SPK	AFOEV	P. Schmeer	Germany	3
SREB		R. Schmidt	United States	3558
SROI		R. Schmidt	Germany	16
SRAB	BAV	R. Schoenfeld	Germany	363
SFRA		F. Schorr	United States	11548
SYU	BAV	M. Schubert	Germany	1400
EERA	BAV	E. Schwab	Germany	147
SBEA	BAV	B. Schwarz	Germany	465
SDM		E. Schwendeman	United States	4427
SJEA	AFOEV	J. Sciolla	France	436
SJIA		J. Seargeant	United States	7612
SDMA		D. Selmo	Brazil	19
SSAB		S. Sementsov	Russia	42
SASC		A. Semenyuta	Kazakhstan	121
SIV		I. Sergey	Belarus	3820
SMRC	AFOEV	M. Serreau	France	19
SDEA		D. Severin	Argentina	2

Obscode	Organization	Name	Location	No. Observations
SFL	SASYRMA	F. Sevilla Lobato	Spain	2
SSHA		S. Shaffer	United States	5420
SHS		S. Sharpe	Canada	2655
SDP		D. Sharples	United States	1
SFY	BAA-VSS	J. Shears	United Kingdom	691
SPT	AFOEV	P. Sheldrick	France	7
SLH		L. Shotter	United States	625
SGQ		C. Sigismondi	Italy	240
SFLB		F. Signoret	France	3
SPA0	UAI	P. Siliprandi	Italy	478
SBN	REA	A. Silva Barros	Brazil	42
SGEO		G. Silvis	United States	607
SNE		N. Simmons	United States	1476
SFOA		F. Sims	United States	25
SANG		A. Sing	Philippines	1489
SHRA		H. Sipes	United States	92
SGOR		G. Sjöberg	United States	3
SDN		D. Slauson	United States	64
SVID		V. Smagin	Russia	75
SDAB		D. Smales	not found	728
STAC		T. Smela	Poland	130
SDWA	BAA-VSS	D. Smith	United Kingdom	5444
SHA		H. Smith	United States	141
SSCE		S. Smith	United States	3
SPIB		P. Smolarz	Poland	1
SIGA		I. Smolić	Serbia	3
SMIH		M. Smolka	Slovakia	298
SSEC		S. Sng	Singapore	5
SLUA		L. Socha	Poland	264

Obscode	Organization	Name	Location	No. Observations
SOLC		O. Sokoliuk	Ukraine	67
SKA	AVSOPLEIONE	K. Sokolovsky	Russia	1534
SYRA		Y. Solomonov	Russia	261
STFB		T. Sonnenberg	United States	25
SOI		M. Soukup	United States	80
SMIE		M. Southam	United States	1
SIQ		M. Spearman	United States	7
SJON	BAV	J. Spelda	Germany	1092
SPGA		P. Spital	United Kingdom	34
SXR	MCSE	M. Sragner	Hungary	14
SDEE		D. St-Gelais	Mexico	1521
SDAO		D. Stadnik	Ukraine	279
SBL		B. Staels	Belgium	1138
SRGA		R. Stalnaker	United States	108
SDB		D. Starkey	United States	14463
SPET		P. Starr	Australia	609
SVD		V. Steblina	United States	68
SABB		A. Steenkamp	Denmark	132
SET		C. Stephan	United States	374
SDR		R. Stephens	United States	1154
SMDB		M. Stewart	United States	74
STHE		T. Stock	United States	7
SGEA		G. Stone	United States	101766
SMIF		M. Stone	United States	16
SDI	BAA-VSS	D. Storey	United Kingdom	23
SIAK		I. Strikis	Greece	2608
SHZ	BAV	H. Struever	Germany	8
SRX		R. Stubbings	Australia	60
SAC	BAV	A. Sturm	Germany	1137

Obscode	Organization	Name	Location	No. Observations
SNEA	AAAA	N. Suarez	Argentina	142
SUQ		A. Sucker	Germany	9
SUS	BAV	D. Suessmann	Germany	143
SPP		P. Sullivan	United States	477
SDCC		D. Suruagy	Brazil	2
SDOA	VVS	D. Suys	Belgium	22968
SWV		D. Swann	United States	408
SZX	MCSE	Z. Szalma	Hungary	1
SAO	MCSE	A. Szauer	Hungary	12
TFUA		F. Tabacco	Italy	447
TUO		U. Tagliaferri	Italy	44
TMAA		M. Talero	Spain	89
THAA		H. Tan	China	20
TTG		T. Tan	Australia	3941
TPIC		P. Tatko	Poland	39
TCGA	BAA-VSS	C. Taylor	United Kingdom	13
TLMA		L. Teixeira	Brazil	4
TPV		P. Temple	United States	1995
TJV		J. Temprano	Spain	173
TPS	MCSE	I. Tepliczky	Hungary	398
TTU		T. Tezel	Turkey	38
TBEA		B. Thomas	France	2
TICA		I. Thompson	New Zealand	26
TJD		J. Thrush	United States	270
TGEA	BAA-VSS	G. Thurston	United Kingdom	4
TAND		A. Timakov	Russia	5
TIA	MCSE	A. Timar	Hungary	320
TSCB		S. Toft	Switzerland	108
TLUC		L. Tomassoni	Italy	2

Obscode	Organization	Name	Location	No. Observations
TRE		R. Tomlin	United States	42097
TNIA		N. Tonkin	United Kingdom	2
TWP		W. Toomey	United States	68
TST		S. Toothman	United States	12
TRT	MCSE	T. Tordai	Hungary	32000
TTEC		T. Trees	United States	98
TRF		C. Trefzger	Switzerland	127
TYGA		Y. Tsao	Taiwan	454
TANB		A. Tsvetkov	Russia	1
TUB	MCSE	V. Tuboly	Hungary	314
TJGA		J. Tully	United States	208
TYS		R. Tyson	United States	491
TSAA		S. Tzikas	United States	85
UMIA		M. Uhlar	Czech Republic	332
UAN	MCSE	A. Uhrin	Hungary	473
UJHA		J. Ulowetz	United States	33133
VSEA		S. Vakulenko	Ukraine	3
VRUC		R. Valcu	Romania	2
VTY	BAA-VSS	T. Vale	United Kingdom	2208
VADA	UAI	A. Valvasori	Italy	3
BVE	KNVWS	E. Van Ballegoij	Netherlands	150
VDE	KNVWS	E. Van Dijk	Germany	76
VNL	VVS	F. Van Loo	Belgium	5
VWS	VVS	J. Van Wassenhove	Belgium	3659
VMT	VVS	T. Vanmunster	Belgium	123118
VSD	VVS	D. Vansteelant	Belgium	6
VVAA		V. Varsamis	Greece	22
VRG		R. Venne	Canada	2338
VPAC		P. Verma	United States	1

Obscode	Organization	Name	Location	No. Observations
VARA		A. Verveer	Australia	835
VBPA		B. Vietje	United States	1039
VII	MCSE	I. Vincze	Hungary	145
VPIA		P. Vitagliano	Italy	17
VGK		G. Vithoukas	Greece	736
VFK	BAV	F. Vohla	Germany	12458
VOL		W. Vollmann	Austria	2468
VVC		V. Voropaev	Russia	1
VVE		V. Vrhovac	Croatia	2
WEO		E. Waagen	United States	3
WMX	VSS	S. Wadhwa	Australia	1397
WCR	RASC	R. Wagner	Canada	1650
WMOB		M. Wakeling	United States	115
WGR		G. Walker	United States	12549
WMIB		M. Wallen	United States	2
WBY		B. Walter	United States	396
WJOB	SAAF	J. Warell	Sweden	30
WME		M. Wasiuta	United States	345
WGEB		G. Wawrzynkiewicz - Rażny	Poland	10
WTIC		T. Weaver	United States	815
WPT		P. Wedepohl	South Africa	16
WLIA		L. Wentzel	United States	54
WBEA	BAV	B. Wenzel	Austria	8224
WKL	BAV	K. Wenzel	Germany	708
WIAA	RASC	I. Wheelband	Canada	4
WJAA		J. Whinfrey	United Kingdom	110
WBOA		B. Wichert	Germany	326
WWK		K. Wierzchos	United States	69
WTHB	SAAF	T. Wikander	Sweden	751

Obscode	Organization	Name	Location	No. Observations
WLEA		L. Wikholm	Finland	2
WEY		E. Wiley	United States	968
WTHA		T. Will	Germany	1
WI		D. Williams	United States	102
WIG		G. Williams	United States	41
WMGA		M. Williams	United States	1
WGUA		G. Williamson	United Kingdom	58
WBH		R. Wilson	United States	152
WSN		T. Wilson	United States	1366
WWRB		W. Wink	United States	12
WERB	BAV	E. Wischnewski	Germany	20
WKM		M. Wiskirken	United States	6
WBS		R. Wobus	United States	22
WGI	BAV	G. Wollenhaupt	Germany	184
WCHF		C. Wu	Taiwan	4
WUB	KNVWS	E. Wubben	Netherlands	461
WCG		C. Wyatt	Australia	2
YIGA		I. Yatsenkov	Russia	6545
YBA		B. Young	United States	412
YCAA		C. Young	United Kingdom	8
YDV		D. Young	United States	4080
YON		R. Young	United States	35
ZFYA		F. Z	China	81
ZLT	MCSE	T. Zalezsak	Hungary	2
ZOLA		O. Zaremba	Ukraine	358
ZPA		P. Zeller	United States	6
ZHAB		H. Zhang	Singapore	138
ZJIA		J. Zhao	China	4
ZUD		D. Zubenel	United States	286

Observer Affiliations

Organization	Description
ASSA	Astronomical Society of Southern Africa, Variable Star Section
AS	Astronomisk Selskab (Denmark)
LIADA	Liga Iberoamericana de Astronomia (South America)
REA	Rede de Astronomia Observacional (Brazil)
RASNZ-VSS	Royal Astronomical Society of New Zealand, Variable Star Section
AASABADELL	Agrupacion Astronomica de Sabadell (Spain)
AVSOPLEIONE	Association of Variable Star Observers - Pleione (Russia)
URSA	URSA Astronomical Association, Variable Star Section (Finland)
UAI	Unione Astrofili Italiani (Italy)
SAAF	Svensk Amator Astronomisk Forening, variabelsektionen (Sweden)
BAV	Bundesdeutsche Arbeitsgemeinschaft fur Veranderliche Sterne e.V.(Germany)
BAA-VSS	British Astronomical Association, Variable Star Section
SASYRMA	Sociedad Astronomica Syrma (Valladolid, Spain)
AJC	Astronomischer Jugendclub (Austria)
VSOLJ	Variable Star Observers League in Japan
ROU	Red de Observadores del Uruguay
RASC	Royal Astronomical Society of Canada
AAAA	Asociacion Argentina Amigos de la Astronomia (Buenos Aires, Argentina)
VSS	Variable Stars South
MCSE	Magyar Csillagaszati Egyesulet, Valtozocsillag Szakcsoport (Hungary)

Organization	Description
	None
CBA	Center for Backyard Astronomy
GEOS	Groupe Europeen d'Observations Stellaires
ASSAU	Astronomical Society of South Australia
NEOA-JBS	Nucleo de Estudo e Observacao Astronomica - Jose Brazilcio de Souza (Florianopolis, Brazil)
ASA	Asociación Santafesina de Astronomía (Argentina)
KNVWS	Koninklijke Nederlandse Vereniging Voor Weer-en Sterrenkunde, Werkgroep Veranderlijke Sterren (Netherlands)
ASC	Astronomia Sigma Octante - Centro de Investigacion y Estudio en Astronomia (Bolivia)
VVS	Vereniging Voor Sterrenkunde, Werkgroep Veranderlijke Sterren (Belgium)
AAM	Madrid Astronomical Association M1 (Spain)
NAS	Norwegian Astronomical Society, Variable Star Section
UAG	Ukraine Astronomical Group, Variable Star Section