

(Note) Same day, same observer: "1" counted

(2020/10/06 14:18(UT) Closer approach)

No. / Obs.	2019			2020												2021							Total
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
O.Inoue		1	2	4	9	12	17	14	13	5	24	13	22	22	24	20	21						223
M.Adachi			3	2	3	5	10	8	9	7	24	13	16	21	23	18	13	12	10	8			205
T.Kumamori			1	7	9	14	13	11	8	4	21	15	19	20	17	1							160
S.Ito					2	3	5	4	1		1	5	15	17	18	19	17	15	16	11	4	1	154
C.Foster		2		9	11	15	12	16	10	10	4	5	10	12	5	1	1	2					125
T.Arakawa							2	11	9	2	25	12	16	22	19	2							120
T.Mishina							2	4	1		7	4	13	14	19	17	15	10	7				113
K.Ozaki				3	3	1		4	6	1	19	7	17	17	15	3	3	4					103
S.Maksymowicz								1			3	14	5	17	10	6	7	13	11	4			91
E.Morales				1	4	4	1	8	4	3	5	7	17	10	8	12	3	1					88
H.Einaga					1		3	5	6	4				5	5	20	17	10	8	1			85
D.Peach				2	7	5	11	4	1	8	9	11	13	8	1			3	1				84
Y.Sato								4	1		5	5	8	18	15	8	7	5	4				80
T.Ishibashi								3	2		13	3	12	16	8	9	8	5	1				80
M.Hood							1	4	4	16	11	6	8	4	9	8	5	3	1				80
C.Nuttall								1	2		1	4	7	9	9	15	9	10	11				78
M.Morita												8	9	13	16	10	8	6	5				75
K.Yunoki							1	2	4		18	7	17	23	1								73
Dmitry.W		1		1	1				1	5	9	9	12	8	9	1	1	6		1			65
Z.Kereszty							1		1	6	4	5	1	4	1	6	12	14	2	2	5		64
N.MacNeill				2	3	3	10	7	8	6	6	6	4	7	1								63
J.Warell										2	8	8	6	5	3	5	10	6	2				55
T.Akutsu								2	2	9	8	12	12	3	2	1	2						53
T.Ohsugi					1	1		6		15	10	12	8										53
C.Baez					1	4	1	5	5	5	11	13	6										51
R.Sedrani							1	2	5	7	7	1	1	1	2	4	10	4	3	1			49
P.Abel									3	3	6	4	6	5	1	7	6	8					49
K.Sasaki					1	3	1	6	1	8	6	12	5	4	2								49
S.Kurusu								2	2	5	1	6	3		3	2	8	7	7	1			47
M.Kuroda					1	4	4	2	1	5	5	17	7	1									47
E.Sussenbach			2	2	1	3	7	5	1	4	2	8	6	5									46
Y.Nakano								3	2	12	6	10	9										42
G.Walker								9	10	3	7	7	5										41
C.Bauer																	15	15	11				41
M.Lonsdale				1	3	4	3	2	4	4	1	2	3	5	2	1			6				41
Jorge.R											4	6	11	12	4	2							39
T.Tsurumi											1	6	11	13	8								39
A.Hatanaka									2	18	5	2	4	2	1	1							35
Christopher Go								2				3	3	17	10								35
V.da Silva Jr.								2	11	8	11	2											34
T.Nishioka								2			9	1	9	7	2	3							33
K.Quin												6	7	11	4	5							33
R.Heffner									3	7	7	9	7										33
N.Minagawa					1	2	2	2		7	2	7	9		1								33
P.Maxson			5	17	11																		33
Kardasis									2		6	11	5	3	1	3	2						33
M.Miyahara									3	4	8	3	5	4	4	1							32
M.Nagase								1		6		7	7	1	3	4	2						31
Kolovos													15	8	6	2							31
Anthony.W				4	1		3				2	9	7	4									30
R.A.Hillebrecht																3	8	11	6	2			30
S.O'Meara												3	18	9									30
V.Gonzalez												2	2	5	3	5	2	7	4				30
T.Suzuki											5	6	9	9									29
S.Ota								3	12	4	6	4											29
R.Konnai										4	4	4	2	3	4	3	2	3					29
Javier								2	4	2	6	4	8	2									28
T.Olivetti							1			1		1	2	1	2	14	5						27
J.Sussenbach									6	4	7	6	2	2									27
E.Chappel				2	1		7	4	9					1		1	1	1					27
Y.Takao												7	10	6	2								25
K.Aoki											4	3	7	7	4								25
Milika-Nicholas				1		3	2	3	2	2	3	3	5										24
T.Williamson								2	5	3	7	5	1	1									24
R.Tatum									4	3	6	5	5	5									23
J.Camarena									1				2	8		6	6						23
K.Endo					1			2	1		10	4	4										22
X.Dupont													4	5	6	3	3						21
G.Rizzato								1	7	6	4	3											21
P.Edwards												7	4	5	3	1							20
M.Rodriguez													9	10	1								20
JL Dauvergne								1		1	9	5	3										19
Y.Naryzhniy									2	5	4	4	2					2					19
Max											4	8	7										19
V.della Vecchia					2	2		1	1	1	6	2	4										19
D_J.Kim									1		2	3	8	5									19
T.Usude												1	1	4	4	4	3	2					19
S.Gonzi									1	3	8	5	1										18
K.Silvia											3	8	7										18
P.Casquinha									2	2	11	3											18
G.Stelmack									2	2	6	6	1	1									18
S.Kidd													2		1		1	3	2	2	3	3	17
A.Berdejo												1	1	9	5	1							17
C.Galdies														2	10	4							16
A.Soares				3	3	3	1					1	4		1								16
D.Gasparri												2	3	11									16
Christophe.P												2	2	4	8								16
C.Fattinnanzi												1	3	6	6								16
P.Enache												4	5	4	1		1						15
V.Martins				3		2	3	1			2		3	1									15
S.Yoneyama												6	1	4	2	1	1						15
J.Luis								1	4	1	2		2	4	1								15
F.Campos													1	6	6	1	1						15
A.Lasala									4	5	3	1	1										14
W.Souza						1		1	1	2	1	3	5										

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	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun		Jul
M.Barbieri											2	6	3										11
J.VAN DER MEER											1	1	4	3				2					11
K.Horii								1	1				2	4	2			1					11
M.Delcroix												5											11
A.Yamazaki												8	1		1								10
D.Arditti												7	2	1									10
M.P.Leon													7	1	2								10
R.Christensen														4	4	1							9
P.D.Gregorio														4	5								9
J.Fuertes														1	5	3							9
C.Viladrich													1	5		3							9
M.Karrer														1	2	6							9
L.Morrone													2	1	3	2							8
Clay																3	5						8
R.Bullen														3	2	3							8
Pascal.L													1	1		3							8
S.Adrian														5	2								7
J.Willinghan													1	6									7
R.Bosman													3	2	1	1							7
K.Nakai															7								7
F.Reali															2		2		2				6
H.GONDO															3	3							6
G.Weselowski			1					4		1													6
T.Barry															6								6
S.Iakovos														1	5								6
A.Scardua															4	2							6
A.Cidadao															4	2							6
E.Giorgio														4	1								5
S.Watanabe																5							5
I.Sharp															3	2							5
M.Wong								1	1	1		1	1										5
A.Casely													1	2									5
T.Tranter															3	2							5
Y.GALL													1	4									5
R.Reitsam													1	3		1							5
T.Murata													3	1	1								5
G.Calapai													3	1									4
J.Tapioles																3	1						4
V.Mirabella															2	2							4
L.J.Fernandez												1	1	2									4
F.Carvalho													4										4
F.Istvan-Zoltan													1		1	2							4
C.Pankratz														4									4
M.Vittorio														2	2								4
Camilo															3	1							4
A.Pozharov												2	1										3
M.Bianchi																3							3
S.Gray													3										3
D.Papa														1	2								3
O.Okamura																3							3
C.Triana															1	1	1						3
A.Martini.Jr.											1	2											3
E.S.Azevedo								1	1						1								3
A.Vilchez															1	2							3
V.Verbitsky													1	1	1								3
P.Haber																		1	1				2
Y.Watanabe															2								2
G.Giusti															2								2
M.B.Sparrenberger								1	1														2
Y.Goryachko																2							2
G.Grassmann																2							2
L.Farinos												2											2
L.Yasutake													1	1									2
T.Hansen													2										2
Martin.L																					1	1	2
M.Prodan															2								2
J.C.Nicholls															1	1							2
Luke.G															1		1						2
Thomas.Winterer															1	1							2
C.Ashcraft													2										2
A.Castillo																2							2
L.S.Viola																			1		1		2
D.Pistritto															1	1							2
A.Maniero													1	1									2
Ortega														1									1
C.Zannelli																1							1
A.Elia									1														1
A.Pace																1							1
Glauco														1									1
A.Cook															1								1
T.Eguchi														1									1
B.Bayle										1													1
V.Dumitrescu																1							1
Jpprost																1							1
L.Magalhaes											1												1
Chen.H																1							1
A.Ohkuma															1								1
A.Wrembel															1								1
W.Martins															1								1
D.G.Kananovich									1														1
Frank															1								1
M.Phillips															1								1
I.Csabai		1																					1
D.Armstrong																1							1
J.Boudreau																	1						1
Ioannis																1							1
Jan.Fremerey																1							1
Y.Uehara																1							1
A.D'Alonzo																1							1
S.Kanno																1							1
B.Estes																	1						1
Total	1	5	13	64	76	85	141	154	159	201	547	596	838	721	348	256	226	200	134	41	16	5	4,827

No. of observers = 205