



Galileo Tracking Campaign

24-January-2024



Galileo Campaign Tracking Statistics by Satellite



Station and PAD	GALILEO-101 Weekly Tracking Report			
	20-Jan-24	20-Jan-24	20-Jan-24	20-Jan-24
	24-Jan-24	24-Jan-24	24-Jan-24	24-Jan-24
	Passes	NPs	Passes	NPs
Beijing 7249	1	3	1	3
Changchun 7237	1	6	1	6
Grasse 7845	0	0	0	0
Graz 7839	2	9	2	9
Greenbelt 7105	0	0	0	0
Herstmonceux 7840	0	0	0	0
Kunming 7819	0	0	0	0
Matera 7941	1	13	1	13
Potsdam 7841	2	14	2	14
Wetzell 7827	1	3	1	3
Wetzell 8834	0	0	0	0
Yarragadee 7090	1	9	1	9
Shanghai 7821	0	0	0	0
Wuhan 7396	0	0	0	0
Grand Total	9	57	9	57

Station and PAD	GALILEO-102 Weekly Tracking Report			
	20-Jan-24	20-Jan-24	20-Jan-24	20-Jan-24
	24-Jan-24	24-Jan-24	24-Jan-24	24-Jan-24
	Passes	NPs	Passes	NPs
Beijing 7249	2	6	2	6
Changchun 7237	1	4	1	4
Grasse 7845	1	3	1	3
Graz 7839	2	6	2	6
Greenbelt 7105	1	6	1	6
Herstmonceux 7840	1	1	1	1
Kunming 7819	0	0	0	0
Matera 7941	1	11	1	11
Potsdam 7841	0	0	0	0
Wetzell 7827	1	1	1	1
Wetzell 8834	2	12	2	12
Yarragadee 7090	1	2	1	2
Shanghai 7821	0	0	0	0
Wuhan 7396	0	0	0	0
Grand Total	13	52	13	52

Station and PAD	GALILEO-103 Weekly Tracking Report			
	20-Jan-24	20-Jan-24	20-Jan-24	20-Jan-24
	24-Jan-24	24-Jan-24	24-Jan-24	24-Jan-24
	Passes	NPs	Passes	NPs
Beijing 7249	0	0	0	0
Changchun 7237	1	5	1	5
Grasse 7845	0	0	0	0
Graz 7839	2	6	2	6
Greenbelt 7105	0	0	0	0
Herstmonceux 7840	1	1	1	1
Kunming 7819	1	3	1	3
Matera 7941	1	3	1	3
Potsdam 7841	1	4	1	4
Wetzell 7827	0	0	0	0
Wetzell 8834	1	2	1	2
Yarragadee 7090	1	11	1	11
Shanghai 7821	1	5	1	5
Wuhan 7396	0	0	0	0
Grand Total	10	40	10	40



Galileo Campaign Tracking Statistics by Satellite (con't)



Station and PAD	GALILEO-201 Weekly Tracking Report			
	20-Jan-24	20-Jan-24	20-Jan-24	20-Jan-24
	24-Jan-24	24-Jan-24	24-Jan-24	24-Jan-24
	Passes	NPs	Passes	NPs
Beijing 7249	1	3	1	3
Changchun 7237	1	4	1	4
Grasse 7845	1	3	1	3
Graz 7839	0	0	0	0
Greenbelt 7105	0	0	0	0
Herstmonceux 7840	1	4	1	4
Kunming 7819	1	3	1	3
Matera 7941	1	9	1	9
Potsdam 7841	0	0	0	0
Wettzell 7827	1	1	1	1
Wettzell 8834	0	0	0	0
Yarragadee 7090	3	7	3	7
Shanghai 7821	0	0	0	0
Wuhan 7396	0	0	0	0
Grand Total	10	34	10	34

Station and PAD	GALILEO-202 Weekly Tracking Report			
	20-Jan-24	20-Jan-24	20-Jan-24	20-Jan-24
	24-Jan-24	24-Jan-24	24-Jan-24	24-Jan-24
	Passes	NPs	Passes	NPs
Beijing 7249	0	0	0	0
Changchun 7237	0	0	0	0
Grasse 7845	0	0	0	0
Graz 7839	1	2	1	2
Greenbelt 7105	0	0	0	0
Herstmonceux 7840	1	3	1	3
Kunming 7819	0	0	0	0
Matera 7941	2	39	2	39
Potsdam 7841	0	0	0	0
Wettzell 7827	2	4	2	4
Wettzell 8834	2	4	2	4
Yarragadee 7090	0	0	0	0
Shanghai 7821	0	0	0	0
Wuhan 7396	1	4	1	4
Grand Total	9	56	9	56

Station and PAD	GALILEO-203 Weekly Tracking Report			
	20-Jan-24	20-Jan-24	20-Jan-24	20-Jan-24
	24-Jan-24	24-Jan-24	24-Jan-24	24-Jan-24
	Passes	NPs	Passes	NPs
Beijing 7249	2	3	2	3
Changchun 7237	1	3	1	3
Grasse 7845	0	0	0	0
Graz 7839	1	2	1	2
Greenbelt 7105	0	0	0	0
Herstmonceux 7840	1	4	1	4
Kunming 7819	1	2	1	2
Matera 7941	1	12	1	12
Potsdam 7841	0	0	0	0
Wettzell 7827	1	1	1	1
Wettzell 8834	2	7	2	7
Yarragadee 7090	1	3	1	3
Shanghai 7821	1	5	1	5
Wuhan 7396	1	2	1	2
Grand Total	13	44	13	44



Galileo Campaign Tracking Statistics by Satellite (con't)



Station and PAD	GALILEO-205 Weekly Tracking Report			
	20-Jan-24	20-Jan-24	20-Jan-24	20-Jan-24
	24-Jan-24	24-Jan-24	24-Jan-24	24-Jan-24
	Passes	NPs	Passes	NPs
Beijing 7249	0	0	0	0
Changchun 7237	1	4	1	4
Grasse 7845	1	3	1	3
Graz 7839	0	0	0	0
Greenbelt 7105	0	0	0	0
Herstmonceux 7840	0	0	0	0
Kunming 7819	0	0	0	0
Matera 7941	1	10	1	10
Potsdam 7841	0	0	0	0
Wettzell 7827	1	1	1	1
Wettzell 8834	1	5	1	5
Yarragadee 7090	1	2	1	2
Shanghai 7821	0	0	0	0
Wuhan 7396	0	0	0	0
Grand Total	6	25	6	25

Station and PAD	GALILEO-206 Weekly Tracking Report			
	20-Jan-24	20-Jan-24	20-Jan-24	20-Jan-24
	24-Jan-24	24-Jan-24	24-Jan-24	24-Jan-24
	Passes	NPs	Passes	NPs
Beijing 7249	1	3	1	3
Changchun 7237	0	0	0	0
Grasse 7845	0	0	0	0
Graz 7839	0	0	0	0
Greenbelt 7105	0	0	0	0
Herstmonceux 7840	0	0	0	0
Kunming 7819	1	2	1	2
Matera 7941	3	46	3	46
Potsdam 7841	0	0	0	0
Wettzell 7827	0	0	0	0
Wettzell 8834	1	4	1	4
Yarragadee 7090	0	0	0	0
Shanghai 7821	1	5	1	5
Wuhan 7396	0	0	0	0
Grand Total	7	60	7	60

Station and PAD	GALILEO-208 Weekly Tracking Report			
	20-Jan-24	20-Jan-24	20-Jan-24	20-Jan-24
	24-Jan-24	24-Jan-24	24-Jan-24	24-Jan-24
	Passes	NPs	Passes	NPs
Beijing 7249	1	2	1	2
Changchun 7237	0	0	0	0
Grasse 7845	0	0	0	0
Graz 7839	0	0	0	0
Greenbelt 7105	0	0	0	0
Herstmonceux 7840	1	1	1	1
Kunming 7819	0	0	0	0
Matera 7941	3	23	3	23
Potsdam 7841	0	0	0	0
Wettzell 7827	0	0	0	0
Wettzell 8834	0	0	0	0
Yarragadee 7090	1	2	1	2
Shanghai 7821	0	0	0	0
Wuhan 7396	0	0	0	0
Grand Total	6	28	6	28



Galileo Campaign Tracking Statistics by Satellite (con't)



Station and PAD	GALILEO-209 Weekly Tracking Report			
	20-Jan-24	20-Jan-24	20-Jan-24	20-Jan-24
	24-Jan-24	24-Jan-24	24-Jan-24	24-Jan-24
	Passes	NPs	Passes	NPs
Beijing 7249	0	0	0	0
Changchun 7237	1	4	1	4
Grasse 7845	1	4	1	4
Graz 7839	0	0	0	0
Greenbelt 7105	0	0	0	0
Herstmonceux 7840	0	0	0	0
Kunming 7819	0	0	0	0
Matera 7941	2	11	2	11
Potsdam 7841	0	0	0	0
Wettzell 7827	1	1	1	1
Wettzell 8834	1	9	1	9
Yarragadee 7090	1	2	1	2
Shanghai 7821	0	0	0	0
Wuhan 7396	0	0	0	0
Grand Total	7	31	7	31

Station and PAD	GALILEO-210 Weekly Tracking Report			
	20-Jan-24	20-Jan-24	20-Jan-24	20-Jan-24
	24-Jan-24	24-Jan-24	24-Jan-24	24-Jan-24
	Passes	NPs	Passes	NPs
Beijing 7249	1	1	1	1
Changchun 7237	0	0	0	0
Grasse 7845	1	3	1	3
Graz 7839	1	4	1	4
Greenbelt 7105	0	0	0	0
Herstmonceux 7840	1	4	1	4
Kunming 7819	0	0	0	0
Matera 7941	1	3	1	3
Potsdam 7841	0	0	0	0
Wettzell 7827	1	1	1	1
Wettzell 8834	1	3	1	3
Yarragadee 7090	2	8	2	8
Shanghai 7821	0	0	0	0
Wuhan 7396	1	2	1	2
Grand Total	10	29	10	29

Station and PAD	GALILEO-211 Weekly Tracking Report			
	20-Jan-24	20-Jan-24	20-Jan-24	20-Jan-24
	24-Jan-24	24-Jan-24	24-Jan-24	24-Jan-24
	Passes	NPs	Passes	NPs
Beijing 7249	1	1	1	1
Changchun 7237	0	0	0	0
Grasse 7845	0	0	0	0
Graz 7839	0	0	0	0
Greenbelt 7105	0	0	0	0
Herstmonceux 7840	1	4	1	4
Kunming 7819	0	0	0	0
Matera 7941	1	17	1	17
Potsdam 7841	0	0	0	0
Wettzell 7827	1	1	1	1
Wettzell 8834	1	5	1	5
Yarragadee 7090	1	1	1	1
Shanghai 7821	0	0	0	0
Wuhan 7396	0	0	0	0
Grand Total	6	29	6	29



Galileo Campaign Tracking Statistics by Satellite (con't)



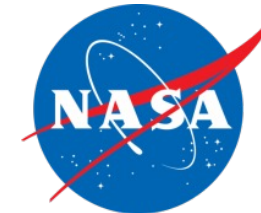
Station and PAD	GALILEO-212 Weekly Tracking Report			
	20-Jan-24	20-Jan-24	20-Jan-24	20-Jan-24
	24-Jan-24	24-Jan-24	24-Jan-24	24-Jan-24
	Passes	NPs	Passes	NPs
Beijing 7249	1	3	1	3
Changchun 7237	0	0	0	0
Grasse 7845	0	0	0	0
Graz 7839	1	2	1	2
Greenbelt 7105	0	0	0	0
Herstmonceux 7840	0	0	0	0
Kunming 7819	1	3	1	3
Matera 7941	2	21	2	21
Potsdam 7841	0	0	0	0
Wettzell 7827	1	1	1	1
Wettzell 8834	0	0	0	0
Yarragadee 7090	1	2	1	2
Shanghai 7821	0	0	0	0
Wuhan 7396	0	0	0	0
Grand Total	7	32	7	32

Station and PAD	GALILEO-221 Weekly Tracking Report			
	20-Jan-24	20-Jan-24	20-Jan-24	20-Jan-24
	24-Jan-24	24-Jan-24	24-Jan-24	24-Jan-24
	Passes	NPs	Passes	NPs
Beijing 7249	2	4	2	4
Changchun 7237	0	0	0	0
Grasse 7845	0	0	0	0
Graz 7839	1	2	1	2
Greenbelt 7105	1	5	1	5
Herstmonceux 7840	1	2	1	2
Kunming 7819	1	2	1	2
Matera 7941	2	20	2	20
Potsdam 7841	0	0	0	0
Wettzell 7827	1	1	1	1
Wettzell 8834	1	3	1	3
Yarragadee 7090	0	0	0	0
Shanghai 7821	0	0	0	0
Wuhan 7396	0	0	0	0
Grand Total	10	39	10	39



Galileo Campaign Summary

Data Received by 8:30 EDT on 24-Jan-24



Legend
Elliptical Orbit

Station and PAD	GALILEO Satellite Passes													Grand Total	
	101	102	103	201	202	203	205	206	208	209	210	211	212		221
Beijing 7249	1	2		1		2		1	1		1	1	1	2	13
Changchun 7237	1	1	1	1		1	1			1					7
Grasse 7845		1		1			1			1	1				5
Graz 7839	2	2	2		1	1					1		1	1	11
Greenbelt 7105		1												1	2
Herstmonceux 7840		1	1	1	1	1			1		1	1		1	9
Kunming 7819			1	1		1		1					1	1	6
Matera 7941	1	1	1	1	2	1	1	3	3	2	1	1	2	2	22
Potsdam 7841	2		1												3
Wettzell 7827	1	1		1	2	1	1			1	1	1	1	1	12
Wettzell 8834		2	1		2	2	1	1		1	1	1		1	13
Yarragadee 7090	1	1	1	3		1	1		1	1	2	1	1		14
Shanghai 7821			1			1		1							3
Wuhan 7396					1	1					1				3
Grand Total	9	13	10	10	9	13	6	7	6	7	10	6	7	10	123

Station and PAD	GALILEO Satellite Normal Points													Grand Total	
	101	102	103	201	202	203	205	206	208	209	210	211	212		221
Beijing 7249	3	6		3		3		3	2		1	1	3	4	29
Changchun 7237	6	4	5	4		3	4			4					30
Grasse 7845		3		3			3			4	3				16
Graz 7839	9	6	6		2	2					4		2	2	33
Greenbelt 7105		6												5	11
Herstmonceux 7840		1	1	4	3	4			1		4	4		2	24
Kunming 7819			3	3		2		2					3	2	15
Matera 7941	13	11	3	9	39	12	10	46	23	11	3	17	21	20	238
Potsdam 7841	14		4												18
Wettzell 7827	3	1		1	4	1	1			1	1	1	1	1	16
Wettzell 8834		12	2		4	7	5	4		9	3	5		3	54
Yarragadee 7090	9	2	11	7		3	2		2	2	8	1	2		49
Shanghai 7821			5			5		5							15
Wuhan 7396					4	2					2				8
Grand Total	57	52	40	34	56	44	25	60	28	31	29	29	32	39	556



Galileo NPs by Day



Satellite	20-Jan-24	21-Jan-24	22-Jan-24	23-Jan-24	24-Jan-24	Grand Total
GALILEO-101	17	1	31	8		57
GALILEO-102	12	10	17	13		52
GALILEO-103	10	7	5	18		40
GALILEO-201	3	15	10	6		34
GALILEO-202	5	27	20	4		56
GALILEO-203	8	21	7	8		44
GALILEO-205	6		16	3		25
GALILEO-206	2	18	25	5	10	60
GALILEO-208		8	6	7	7	28
GALILEO-209	10	6	11	4		31
GALILEO-210	3	1	6	19		29
GALILEO-211	1	7	21			29
GALILEO-212		15	17			32
GALILEO-221	2	17	18	2		39
Grand Total	79	153	210	97	17	556

❑ G4S_2.0 Requirement: “At least 10 NPs per day are required to obtain a reliable and sufficiently robust POD”