

## 近年の一星会小惑星の衝

## Oppositions for 3626 Ohsaki

Year	opposition		minimum distance		brightest		
	O. Date	O. Mag.	MD Date	M Dist	B Date	B Mag	B Dec
2022	02 10.0	17.3	02 12.6	2.646	02 11.9	17.3	+10
2021	99 99.9	99.9	01 01.	2.446	01 01.	17.2	+25
2020	12 16.5	16.8	12 12.3	2.386	12 16.4	16.8	+25
2019	09 22.3	15.9	09 20.1	1.769	09 24.3	15.9	+06
2018	06 01.3	16.1	06 07.4	1.911	06 02.0	16.1	-25

## Oppositions for 4898 Nishiizumi

Year	opposition		minimum distance		brightest		
	O. Date	O. Mag.	MD Date	M Dist	B Date	B Mag	B Dec
2022	11 01.0	16.2	11 07.7	1.035	11 06.2	16.2	+39
2021	04 26.9	15.9	04 27.1	0.934	04 28.7	15.9	-39
2020	99 99.9	99.9	12 31.	1.844	12 31.	17.8	+08
2019	09 23.1	15.9	09 23.2	1.087	09 22.5	15.9	-04
2018	03 05.3	15.4	03 03.2	0.825	03 02.8	15.4	+24

## Oppositions for 9414 Masamimurakami

Year	opposition		minimum distance		brightest		
	O. Date	O. Mag.	MD Date	M Dist	B Date	B Mag	B Dec
2022	99 99.9	99.9	12 31.	1.673	12 31.	16.4	+03
2021	10 19.1	16.3	10 11.8	1.682	10 15.4	16.2	-02
2020	05 15.2	14.4	05 16.5	1.077	05 15.1	14.4	-18
2019	99 99.9	99.9	01 01.	1.714	01 01.	16.4	+35
2018	12 24.0	16.3	12 27.0	1.711	12 24.8	16.3	+35

## Oppositions for 25143 Itokawa

Year	opposition		minimum distance		brightest		
	O. Date	O. Mag.	MD Date	M Dist	B Date	B Mag	B Dec
2022	99 99.9	99.9	1 01.	1.036	1 01.	21.8	+12
2021	11 06.9	19.7	11 03.6	0.697	11 06.8	19.7	+15
2020	99 99.9	99.9	12 31.	1.239	3 30.2	23.0	-15
2019	99 99.9	99.9	1 01.	0.912	1 01.	21.4	+15
2018	11 17.6	19.7	11 17.6	0.705	11 17.6	19.7	+18

\*日付が99.9の時は衝なし

\*Asteroid Viewing Guide 2018により作成