

Symbol	GC	SI	HG	PL	PA	GLD
Open	4010.00	48.345	5.1420	1656.80	1484.50	367.53
High	4038.60	48.620	5.1785	1676.80	1523.50	370.31
Low	3986.70	46.935	4.8635	1619.50	1449.50	365.44
Close	3999.90	47.255	4.8950	1628.50	1460.00	369.13
Change	-10.10	-1.090	-0.2470	-28.30	-24.50	1.60

OHLC from previous trading day. Times, GC: 08:20-13:30, SI: 08:20-13:30, HG: 08:20-13:30, PL: 08:20-13:30, PA: 08:20-13:30, GLD: 09:30-16:00 (ET)

	GC	SI	HG	PL	PA	GLD
IV	20.41%	39.03%	32.89%	38.50%	62.70%	22.37%
1 SD 1 day(s)	42.73	0.965	0.0843	32.82	47.92	4.32
+3 std IV	4128.09	50.151	5.1478	1726.95	1603.75	382.10
2%	4079.90	48.200	4.9929	1661.07	1489.20	376.51
1.5%	4059.90	47.964	4.9684	1652.93	1481.90	374.67
+2 std IV	4085.36	49.186	5.0635	1694.13	1555.83	377.77
1%	4039.90	47.728	4.9439	1644.79	1474.60	372.82
+1 std IV	4042.63	48.220	4.9793	1661.32	1507.92	373.45
0.5%	4019.90	47.491	4.9195	1636.64	1467.30	370.98
settle	3999.90	47.255	4.8950	1628.50	1460.00	369.13
-0.5%	3979.90	47.019	4.8705	1620.36	1452.70	367.28
-1 std IV	3957.17	46.290	4.8107	1595.68	1412.08	364.81
-1%	3959.90	46.782	4.8460	1612.21	1445.40	365.44
-2 std IV	3914.44	45.324	4.7265	1562.87	1364.17	360.49
-1.5%	3939.90	46.546	4.8216	1604.07	1438.10	363.59
-2%	3919.90	46.310	4.7971	1595.93	1430.80	361.75
-3 std IV	3871.71	44.359	4.6422	1530.05	1316.25	356.16

IV calculations are for 2025-10-13 using prev day close.

	GC	SI	HG	PL	PA	GLD
IV	20.41%	39.03%	32.89%	38.50%	62.70%	22.37%
1 SD 5 day(s)	95.55	2.159	0.1884	73.38	107.14	9.66
+3 std IV	4286.55	53.731	5.4603	1848.64	1781.43	398.12
2%	4079.90	48.200	4.9929	1661.07	1489.20	376.51
1.5%	4059.90	47.964	4.9684	1652.93	1481.90	374.67
+2 std IV	4191.00	51.572	5.2719	1775.26	1674.28	388.46
1%	4039.90	47.728	4.9439	1644.79	1474.60	372.82
+1 std IV	4095.45	49.414	5.0834	1701.88	1567.14	378.79
0.5%	4019.90	47.491	4.9195	1636.64	1467.30	370.98
settle	3999.90	47.255	4.8950	1628.50	1460.00	369.13
-0.5%	3979.90	47.019	4.8705	1620.36	1452.70	367.28
-1 std IV	3904.35	45.096	4.7066	1555.12	1352.86	359.47
-1%	3959.90	46.782	4.8460	1612.21	1445.40	365.44
-2 std IV	3808.80	42.938	4.5181	1481.74	1245.72	349.80
-1.5%	3939.90	46.546	4.8216	1604.07	1438.10	363.59
-2%	3919.90	46.310	4.7971	1595.93	1430.80	361.75
-3 std IV	3713.25	40.779	4.3297	1408.36	1138.57	340.14

IV calculations are for 2025-10-13 using prev day close.

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GC #F	Prev Day	5d Avg	5d Min	5d Max	10d Avg	10d Min	10d Max	30d Avg	30d Min	30d Max
Open Range	10.20	11.64	8.90	14.70	11.72	8.30	18.70	12.03	3.60	40.20
First Hour	15.00	18.64	14.70	22.40	18.28	13.30	27.20	17.18	8.30	40.20
Last Hour	21.70	26.00	8.90	70.10	16.68	3.40	70.10	10.89	2.50	70.10
Last 30m	13.70	14.22	7.60	29.80	9.94	3.40	29.80	6.93	1.60	29.80
Daily Range	51.90	56.22	31.20	120.00	49.89	23.60	120.00	38.93	12.50	120.00

Open range: 08:20-08:45, First hour: 08:20-09:20, Last Hour: 12:30-13:30, Last 30m: 13:00-13:30, Daily RTH: 08:20-13:30 (ET)

SI #F	Prev Day	5d Avg	5d Min	5d Max	10d Avg	10d Min	10d Max	30d Avg	30d Min	30d Max
Open Range	0.320	0.301	0.215	0.455	0.262	0.150	0.455	0.254	0.115	0.795
First Hour	0.415	0.521	0.215	1.245	0.436	0.215	1.245	0.372	0.145	1.245
Last Hour	0.845	0.568	0.170	1.290	0.392	0.095	1.290	0.239	0.065	1.290
Last 30m	0.390	0.277	0.120	0.490	0.223	0.090	0.490	0.150	0.045	0.490
Daily Range	1.685	1.566	0.750	3.075	1.332	0.630	3.075	0.906	0.335	3.075

Open range: 08:20-08:45, First hour: 08:20-09:20, Last Hour: 12:30-13:30, Last 30m: 13:00-13:30, Daily RTH: 08:20-13:30 (ET)

HG #F	Prev Day	5d Avg	5d Min	5d Max	10d Avg	10d Min	10d Max	30d Avg	30d Min	30d Max
Open Range	0.0320	0.0366	0.0170	0.0515	0.0348	0.0160	0.0555	0.0246	0.0055	0.0805
First Hour	0.0320	0.0507	0.0320	0.0595	0.0489	0.0185	0.0710	0.0339	0.0105	0.0805
Last Hour	0.0830	0.0465	0.0170	0.0845	0.0330	0.0165	0.0845	0.0205	0.0045	0.0845
Last 30m	0.0340	0.0216	0.0095	0.0405	0.0169	0.0075	0.0405	0.0119	0.0025	0.0405
Daily Range	0.3150	0.1388	0.0510	0.3150	0.1159	0.0510	0.3150	0.0749	0.0205	0.3150

Open range: 08:20-08:45, First hour: 08:20-09:20, Last Hour: 12:30-13:30, Last 30m: 13:00-13:30, Daily RTH: 08:20-13:30 (ET)

PL #F	Prev Day	5d Avg	5d Min	5d Max	10d Avg	10d Min	10d Max	30d Avg	30d Min	30d Max
Open Range	14.80	12.90	9.80	15.90	11.59	6.40	16.60	11.34	4.00	23.20
First Hour	16.40	21.42	14.90	32.60	20.72	12.30	32.60	17.56	7.10	32.60
Last Hour	20.10	16.44	6.20	38.90	11.71	1.40	38.90	9.41	1.40	38.90
Last 30m	11.60	7.92	4.40	11.70	6.07	0.00	11.70	5.72	0.00	11.70
Daily Range	57.30	47.58	29.20	74.50	45.00	21.70	74.50	35.60	18.90	74.50

Open range: 08:20-08:45, First hour: 08:20-09:20, Last Hour: 12:30-13:30, Last 30m: 13:00-13:30, Daily RTH: 08:20-13:30 (ET)

PA #F	Prev Day	5d Avg	5d Min	5d Max	10d Avg	10d Min	10d Max	30d Avg	30d Min	30d Max
Open Range	23.00	17.10	12.50	23.00	14.85	8.50	23.00	12.82	6.00	24.50
First Hour	34.50	31.80	14.50	48.00	26.60	14.50	48.00	20.47	6.50	48.00
Last Hour	31.00	25.90	6.50	68.50	17.40	5.00	68.50	10.90	3.50	68.50
Last 30m	22.50	13.72	6.00	22.50	9.27	3.00	22.50	6.45	2.00	22.50
Daily Range	74.00	72.50	50.00	108.00	55.20	25.50	108.00	37.13	15.50	108.00

Open range: 08:20-08:45, First hour: 08:20-09:20, Last Hour: 12:30-13:30, Last 30m: 13:00-13:30, Daily RTH: 08:20-13:30 (ET)

GLD	Prev Day	5d Avg	5d Min	5d Max	10d Avg	10d Min	10d Max	30d Avg	30d Min	30d Max
Open Range	1.71	1.91	1.20	3.53	1.69	0.89	3.53	1.35	0.56	3.53
First Hour	2.55	2.52	1.39	4.69	2.46	0.95	4.69	1.95	0.71	4.69
Last Hour	2.39	1.62	0.48	2.50	1.24	0.48	2.50	1.00	0.31	2.50
Last 30m	2.04	1.03	0.33	2.04	0.80	0.33	2.04	0.66	0.23	2.04
Daily Range	4.87	5.00	2.72	10.39	4.30	1.55	10.39	3.53	1.16	10.39

Open range: 09:30-09:55, First hour: 09:30-10:30, Last Hour: 15:00-16:00, Last 30m: 15:30-16:00, Daily RTH: 09:30-16:00 (ET)

GC		SI		HG		PL		PA		GLD	
1sd	42.73	1sd	0.965	1sd	0.0843	1sd	32.82	1sd	47.92	1sd	4.32
IV	20.41	IV	39.030	IV	32.8900	IV	38.50	IV	62.70	IV	22.37
FV	0.00	FV	0.000	FV	0.0000	FV	0.00	FV	0.00	FV	0.00
Range	51.90	Range	1.685	Range	0.3150	Range	57.30	Range	74.00	Range	4.87
Daily chg	26.90	Daily chg	-0.010	Daily chg	-0.2025	Daily chg	-27.70	Daily chg	6.00	Daily chg	3.68
+2sd	4085.36	R3	49.957	R3	5.4095	R3	1721.00	R3	1579.83	+2sd	377.77
R3	4082.00	R2	49.288	R2	5.2940	R2	1698.90	+2sd	1555.83	R3	376.02
R2	4060.30	+2sd	49.186	High	5.1785	+2sd	1694.13	R2	1551.67	+1.5%	374.67
+1.5%	4059.90	High	48.620	Open	5.1420	High	1676.80	High	1523.50	+1sd	373.45
+1sd	4042.63	Open	48.345	R1	5.0945	R1	1663.70	+1sd	1507.92	R2	373.16
+1%	4039.90	R1	48.272	+2sd	5.0635	+1sd	1661.32	R1	1505.83	+1%	372.82
High	4038.60	+1sd	48.220	+1sd	4.9793	Open	1656.80	Open	1484.50	R1	371.15
R1	4030.10	+1.5%	47.964	Pivot	4.9790	+1.5%	1652.93	+1.5%	1481.90	+0.5%	370.98
+0.5%	4019.90	+1%	47.728	+1.5%	4.9684	+1%	1644.79	Pivot	1477.67	High	370.31
Open	4010.00	Pivot	47.603	+1%	4.9439	Pivot	1641.60	+1%	1474.60	Close	369.13
Pivot	4008.40	+0.5%	47.491	+0.5%	4.9195	+0.5%	1636.64	+0.5%	1467.30	Pivot	368.29
Close	3999.90	Close	47.255	Close	4.8950	Close	1628.50	Close	1460.00	Open	367.53
Low	3986.70	-0.5%	47.019	-0.5%	4.8705	-0.5%	1620.36	-0.5%	1452.70	-0.5%	367.28
-0.5%	3979.90	Low	46.935	Low	4.8635	Low	1619.50	Low	1449.50	S1	366.28
S1	3978.20	-1%	46.782	-1%	4.8460	-1%	1612.21	-1%	1445.40	Low	365.44
-1%	3959.90	S1	46.587	-1.5%	4.8216	S1	1606.40	-1.5%	1438.10	-1%	365.44
-1sd	3957.17	-1.5%	46.546	-1sd	4.8107	-1.5%	1604.07	S1	1431.83	-1sd	364.81
S2	3956.50	-1sd	46.290	S1	4.7795	-1sd	1595.68	-1sd	1412.08	-1.5%	363.59
-1.5%	3939.90	S2	45.918	-2sd	4.7265	S2	1584.30	S2	1403.67	S2	363.42
S3	3926.30	-2sd	45.324	S2	4.6640	-2sd	1562.87	-2sd	1364.17	S3	361.41
-2sd	3914.44	S3	44.902	S3	4.4645	S3	1549.10	S3	1357.83	-2sd	360.49