MARKET REPORT

US500

S&P 500 · US equity index

Session: Tuesday, 20 October 2026

Data to the close of 19 October 2026

VALUE MIGRATION
Balance

Session profile: b

Key numbers

CLOSE	VALUE AREA	POC
7,697	**7,693 – 7,710**	**7,697**

ATR 5 DAYS	± ATR RANGE	NEAREST NPOC
92 pts	**7,605 – 7,789**	**7,757 (16 Oct)**

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Data source: Delta Analyzer (H1 footprint, M1). Prepared by ttechou.com

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Analytical material for information and education only. It contains no entry signals and no investment recommendations. Trading financial instruments involves the risk of losing capital.

Market report US500 | 20 Oct 2026

Data to the close of 19 Oct 2026 | market description, no entry signals

MARKET STATE: price inside the 19 Oct value | value migration: Balance

Summary

- **Price:** close of 19 Oct ≈ **7,697**, inside VA (7,693–7,710), POC 7,697. Session profile: b.
- **Value over 5 sessions:** value jumping both ways; net value lower by 132 pts – 2× higher, 2× lower, 1× overlapping (of 5 sessions).
- **Daily volatility:** low (range 19 Oct: 47 pts; average of 19 earlier sessions: 75 pts (×0.63)). **ATR 5 days: 92 pts** (ATR 20 days: 78; last day 73) – volatility rising.
- **Volatility for the next hours:** normal phase (VA240/VA24 = 0.42, 61st percentile). Historically in this phase the median range of the next 4 h ≈ **22.9** pts (all hours: 23.8).
- **Order flow:** session delta +0.8k; hours with volume ≥ 1.5× normal: 12:00 CEST (delta −0.0k).
- **Liquidity:** nearest above price High 19.10 7,731 (34 pts, 0.37 ATR), below price Low 19.10 7,684 (13 pts, 0.14 ATR). Breaks of liquidity zones continued in 57% of cases (random levels 42%).
- **Unmitigated POCs:** 7,757 from 16 Oct (above price, 60 pts), 7,819 from 14 Oct (above price, 122 pts).
- **Unfinished auctions:** none – both session extremes completed.

Session profile decision table – value migration

Profile	POC in range	Close vs VA	Close vs POC	Delta	Points	Value migration
b	low	inside VA	above POC	rising	**+1**	**Balance**

no clear migration – the signals offset each other, value likely stays near the current area. Historically (101 sessions, 7 markets): after “Up” the next session's POC was higher in 85% of cases, after “Down” lower in 78%; the table does not predict the direction of the closing price (about 50%). Scoring: VA ±2, POC ±1, delta ±1, profile shape ±1; ≥ +3 up, ≤ −3 down.

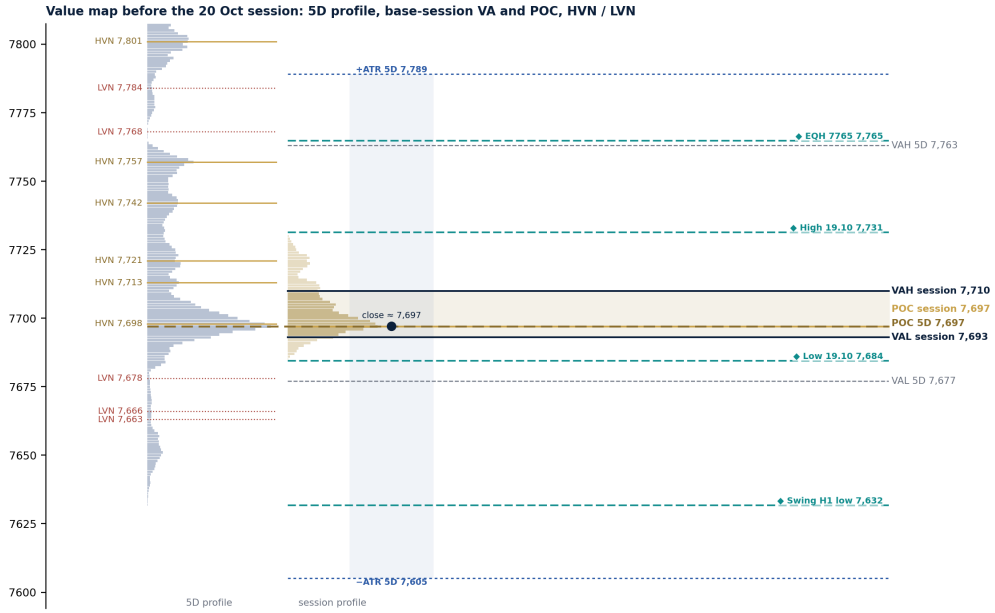
Reference levels

Level	Value	Meaning
VAH 19 Oct	7,710	upper edge of accepted value
POC 19 Oct	7,697	price of the highest volume – centre of gravity
VAL 19 Oct	7,693	lower edge of accepted value
High / low 19 Oct	7,731 / 7,684	base session range
VA 5D (13 Oct–19 Oct)	7,677 – 7,763, POC 7,697	wider-context value
HVN 5D zones above price	7,686–7,728, 7,738–7,760, 7,793–7,811, 7,817–7,822	volume clusters – where price slows and rotates
HVN 5D zones below price	–	volume clusters – where price slows and rotates
LVN 5D zones	7,653–7,683, 7,762–7,790	volume gaps – prices passed through quickly
High / low 5 sessions	7,831 / 7,631	limits of the 5-session range
± ATR 5D range (92 pts)	7,605 – 7,789	typical daily move from the close (not a direction forecast)
Unmitigated POCs (nPOC, 20 sessions)	7,757 (16 Oct), 7,819 (14 Oct)	session POCs price has not returned to – often tested later

Value migration – 5 sessions

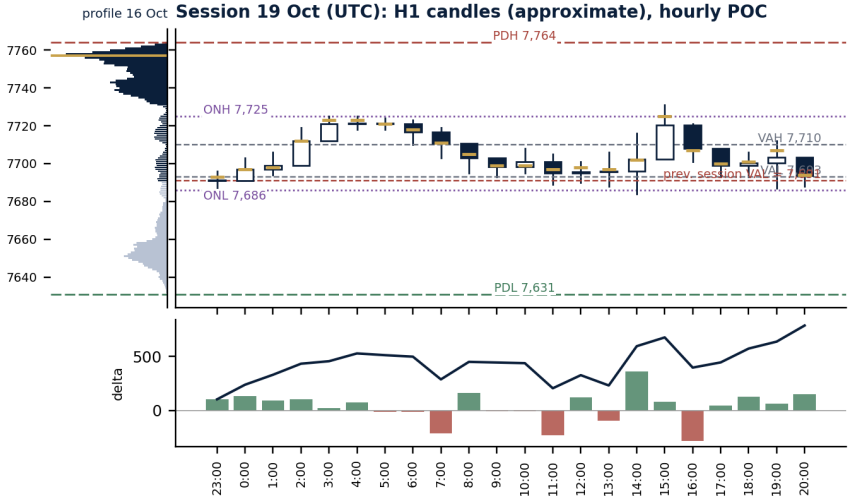
Session	POC	POC change	VA (VAL–VAH)	Value migration	Session delta	Delta %
13 Oct	7,799	–	7,793–7,805	–	+1.1k	+3.0%
14 Oct	7,819	+20	7,731–7,831	higher	+0.3k	+0.5%
15 Oct	7,697	−122	7,683–7,707	lower	+2.3k	+3.2%
16 Oct	7,757	+60	7,691–7,764	higher	−1.6k	−2.5%
19 Oct	7,697	−60	7,693–7,710	overlapping	+0.8k	+1.7%

Value map



5D profile with HVN (gold) and LVN (red), base-session VA (beige), 5D POC (dashed); dot = closing price; blue dashed lines = ± 5-day ATR range from the close.

The 19 Oct session



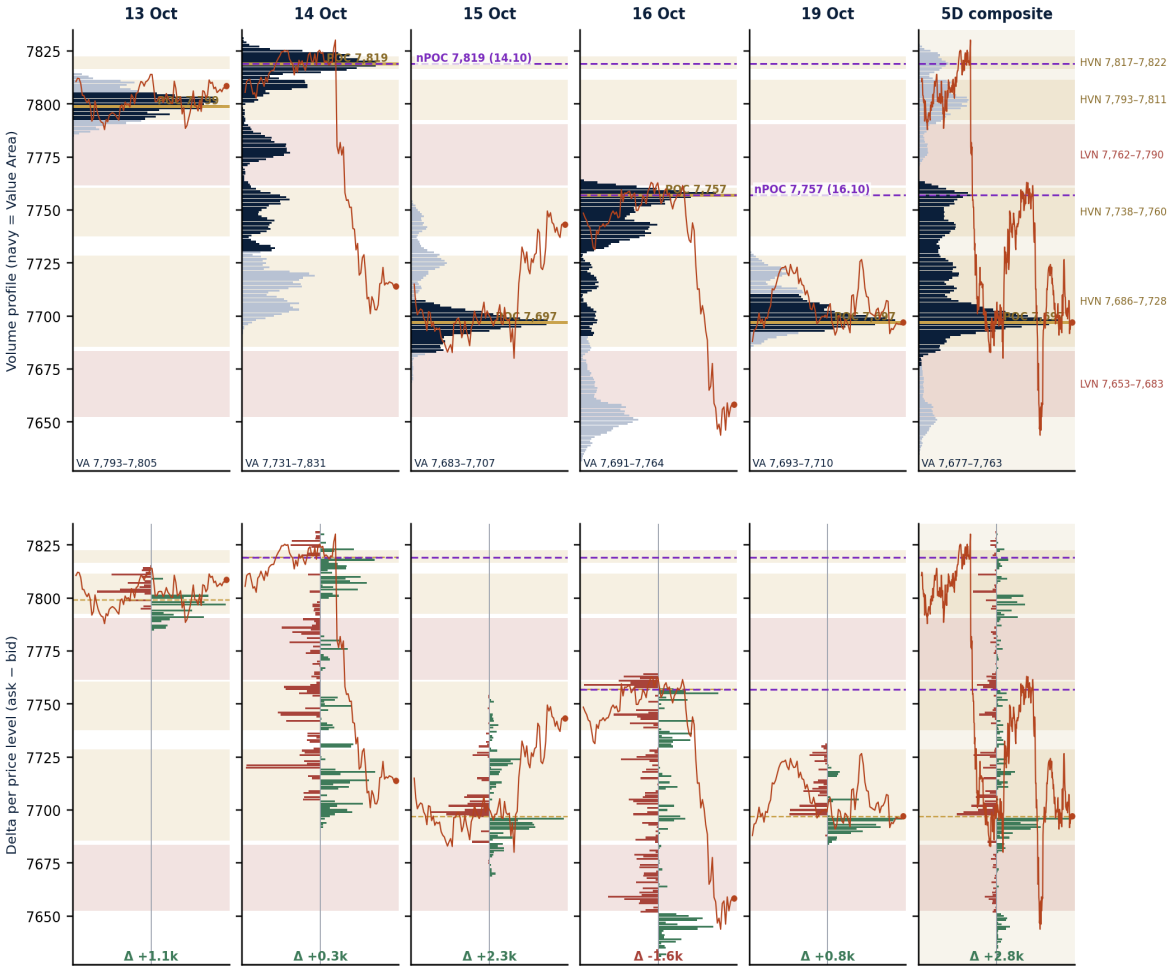
Session range 7,684–7,731, session delta +0.8k, cumulative delta min. +0.1k, end +0.8k.

Liquidity zones for the 20 Oct session

Zone	Price	Distance	Source candle	In zone ± 5: volume / delta	Flow in source	After a break (hist.)
◆ **EQH 7765**	7,765	+68 pts (0.74 ATR)	16.10 11:00, 16.10 10:00	2,297 / −249	level defended	76% (n = 38)
◆ **High 19.10**	7,731	+34 pts (0.37 ATR)	19.10 17:00	445 / −171	level defended	60% (n = 78)
◆ **Low 19.10**	7,684	−13 pts (0.14 ATR)	19.10 16:00	206 / +70	level defended	60% (n = 78)
◆ **Swing H1 low**	7,632	−65 pts (0.71 ATR)	16.10 21:00	233 / +73	level defended	53% (n = 192)

Liquidity zones = levels where stop orders usually rest: EQH/EQL (two unbroken H1 highs/lows less than 0.04 ATR apart), the base session High/Low and the nearest unbroken H1 swing above and below price. Asia High/Low form after the first 8 h of the session. Source candle = the H1 hour that formed the level; “level defended” = in that candle, delta in the zone went against a break (e.g. buyers at a low). “After a break” = share of breaks of that type after which price moved 0.25 ATR further before returning 0.25 ATR behind the level (within 2 h; 8 instruments, 24 Aug–16 Oct 2026; random levels 42%). The intraday (dynamic) report tracks breaks and their outcome live.

5-session profiles and delta by price



Top row: session volume profile (navy = VA, gold line = POC) and the 5D composite; red line = price path during the session (left to right, dot = close); purple dashed = a POC price has not returned to in later sessions (nPOC); gold bands = HVN zones, red bands = LVN zones from the 5D composite. Bottom row: delta by price (green = buyers, red = sellers).

Volatility and order flow

Measure	Reading	What it says
VA 4 h / VA 24 h	0.42 (61st percentile)	normal phase
ATR 5 days / ATR 20 days	92 / 78 pts	average daily true range; last day 73 pts
Median range of the next 4 h in this phase	22.9 pts	vs 23.8 pts for all hours (32 M1 sessions)

Hour	RVOL	Delta	Hour	RVOL	Delta	Hour	RVOL	Delta	Hour	RVOL	Delta
01	1.3	+0.1k	07	0.9	−0.0k	13	1.2	−0.2k	19	1.2	+0.0k
02	0.9	+0.1k	08	0.9	−0.0k	14	1.1	+0.1k	20	1.2	+0.1k
03	0.7	+0.1k	09	1.0	−0.2k	15	1.0	−0.1k	21	0.9	+0.1k
04	0.7	+0.1k	10	1.1	+0.2k	16	1.4	+0.4k	22	1.3	+0.1k
05	0.6	+0.0k	11	1.3	−0.0k	17	1.1	+0.1k			
06	0.7	+0.1k	12	**1.5**	−0.0k	18	1.5	−0.3k			

Session hours (CEST, UTC+2). RVOL = hourly volume / average volume of the same hour over the previous 10 sessions; bold ≥ 1.5.

Reference price: close of 19 Oct from M1 data (21:57 UTC) = 7,697. Volatility: the 4 h VA / 24 h VA ratio describes the expected size of the move, not its direction. Information and education only, not an investment recommendation.