

US Stock Express

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\$2 Billion project for 9 Companies of Quantum Computers

Company	Funding (USD)	Focus Area / Project
IBM	\$1 billion	Quantum foundry for superconducting wafers; scaling quantum chip manufacturing.
GlobalFoundries	\$375 million	Secure domestic quantum foundry; multiple modalities (superconducting, photonic, trapped ion, silicon spin).
Atom Computing	\$100 million	Neutral atom quantum systems.
Diraq	\$38 million	Silicon spin qubits for scalable quantum computing.
D-Wave Quantum	\$100 million	Quantum annealing systems for optimization problems.
Infleqtion	\$100 million	Neutral atom quantum computers; scaling proprietary architectures.
PsiQuantum	\$100 million	Photonic quantum computing systems.
Quantinuum	\$100 million	Trapped ion quantum computing; hybrid quantum-classical systems.
Rigetti Computing	\$100 million	Superconducting qubit systems; cloud-based quantum services.

Donald Trump’s administration has committed \$2.013 billion to 9 quantum computing companies under the CHIPS and Science Act, aiming to accelerate U.S. leadership in fault-tolerant quantum computing. This investment is expected to create thousands of high-paying jobs, strengthen national security, and reshape the AI market by enabling breakthroughs in cryptography, materials science, and optimization.

Quantum Computer Project by Department of Commerce

Outlook for These Companies

- **IBM & GlobalFoundries:** Positioned as infrastructure leaders, building the manufacturing backbone for quantum chips. Their funding is the largest, signaling long-term dominance in hardware supply.
- **Startups (Rigetti, D-Wave, Infleqtion, PsiQuantum, Quantinuum, Atom Computing, Diraq):** Each specializes in different quantum modalities, diversifying the ecosystem. This reduces risk of relying on one technology and accelerates innovation.
- **Market Reaction:** Stocks of these companies surged after the announcement (IBM +4.6%, GlobalFoundries +12%, D-Wave +27%, Rigetti +28%, Infleqtion +42%), showing strong investor confidence. Forbes



GPT-5 is here - OpenAI

Passed Turing Test as AGI (super AI) level


Impact on the AI Market

- **Acceleration of AI Capabilities:** Quantum computing can exponentially improve AI training, optimization, and simulation tasks, especially in drug discovery, logistics, and financial modeling.
- **Cryptography & Security:** Quantum computers threaten classical encryption, pushing rapid adoption of post-quantum cryptography. This will reshape cybersecurity markets.
- **Integration with AI:** Quantum-enhanced AI could solve problems beyond classical limits, creating new industries in materials, pharmaceuticals, and energy.

Employment Effects

- **Job Creation:** The Commerce Department projects *thousands of high-paying jobs* in quantum research, engineering, and manufacturing. NIST
- **Reskilling Needed:** While quantum computing may automate certain optimization tasks, it will also demand highly skilled workers in physics, engineering, and AI.
- **Net Effect:** More likely to **increase employment opportunities** in advanced tech sectors rather than cause widespread unemployment, though traditional IT roles may face disruption.

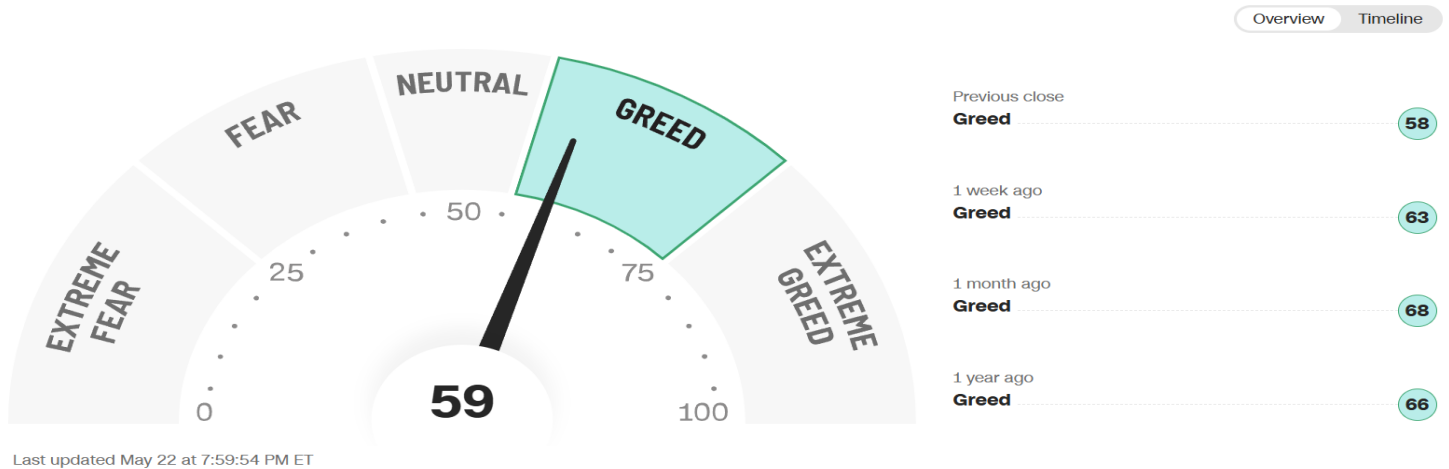
✓ **Bottom Line:** This \$2 billion investment is a strategic bet to secure U.S. leadership in quantum computing. It will likely **boost employment in high-tech sectors**, accelerate AI breakthroughs, and force industries worldwide to adapt to quantum-driven innovation.

Would you like me to break down **which industries (finance, healthcare, logistics, defense)** will feel the earliest impact from these quantum-AI  gies?

*Risk disclosure: Price can go up and down at any moment, use free money to trade and bear the risk according to your own capital;
 Never trade with money that has a deadline for withdrawal.
 All suggestions are for reference only, even AI cannot be 100% reliable, final decision still lies upon investors.
 Copy trading cannot replicate another trader's background or psychological state.*

Fear & Greed Index

What emotion is driving the market now?
[Learn more about the index](#)



YouTube Channel of Daniel Yue: [The best time to buy Lottery & US stocks weekly - YouTube](#)

North East West South is NEWS

US President Trump was scheduled to sign a new executive order on artificial intelligence (AI) on May 21, but called it off just hours before the White House ceremony, citing concerns that the measures could undermine the US's competitive advantage over China in the AI field.

The Trump administration announced \$2 billion in funding to nine companies in the quantum computing field. IBM, an industry leader, received \$1 billion, and simultaneously announced an additional \$1 billion investment to establish a new company called Anderson in Albany, New York, dedicated to quantum processor manufacturing. This represents a dual-track approach of government subsidies and its own capital to establish domestic quantum chip manufacturing capabilities in the United States. In addition to IBM, two U.S. quantum foundries and six other quantum computing companies also received grants. GlobalFoundries (GFS) will receive \$375 million; D-Wave Quantum (QBTS), Rigetti Computing (RGTI), Infleqtion (INFQ), Atom Computing, PsiQuantum, and Quantumuum are expected to each receive approximately \$100 million; and startup Dirac will receive \$38 million.

California Governor Gavin Newsom today ordered officials to begin developing a plan to mitigate the disruptive impact of artificial intelligence (AI) on employment, making California the first state in the U.S. to take such action.

Kevin Warsh was sworn in Friday at the White House as Chairman of the Board of Governors of the Federal Reserve System. Warsh stressed his own obligation to lead the Fed independently, with the goal of lower inflation and stronger economic growth.

Japan successfully developed paper stealth fighters at the cost of US\$2K each only. This will be the major weapon in the war of next generation and can go out in an aviary of beehive where the defending side will need heavy cost to prevent them.

Music Therapy Channel: [Music Therapy & Daniel Yue - YouTube](#)

This channel cannot make you rich, but aiming at your mental relaxing to re-charge your energy.

Teaching Videos with Electronic Handouts

By Daniel Yue



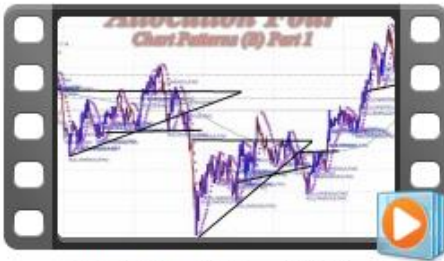
155 - A1 Essence New Ver26a



156- A2 Investment Terms ver 31a1



157 - A3 Chart Patterns (A) ver 23



158-A4 Chart Patterns (B)1 Ver 17



159-A4 Chart Patterns (B)2 Ver 25



160 - A5 Candle Sticks (A) Ver 21



162-A6 Candlesticks (B) ver 35A



165-A7 Wave Theory Ver 27



166-A7(Part III) Average Lines V25



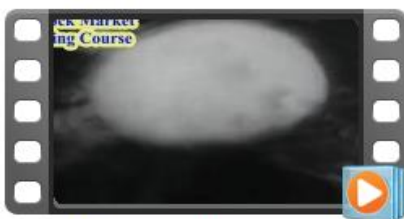
171-A8 Technical Indicators Ver25



175- A9 Economic Indicators VER 35



176-A10 Interest Rate VER 22



177-A11 International Organizations VER 25



180-A12 Live Examples VER 24

Please contact Professor Vitaliy for details

“Start of Summer” can be seen in Stonehenge of the UK, but now only members of the Royal Astronomical Society can enter into that circle. General tourists cannot enter now.



IBM is still under the 250-SMA, it has more room to rise than those that above it.



Jumping gap denotes can buy after it is refilled.



World Observation

Day	1553
Russia/Ukraine Conflict	

Tomorrow is Another Day

Traditional saying of the market is *sell in May and go away!* While the correspondent saying in Chinese society is that *May is poor, June is extreme, and July is a grand recovery.*

Actually, *sell in May* is an outdated saying in the London market of the 18th or 19th century and has nothing to do with the New York market. The second half of the phrase is *come back on St Leger's Day* (in October). It denotes that winter is the harvest time and thus the investment market will be more prosperous than summer. But after the industrial revolution it is another story. While "*May is poor*" actually denotes the movie industry in Hong Kong of the 1950s, and later extended to other parts of Chinese society of the world. At that time, there was no TV, no computer no internet and no mobile in society, movies were the major entertainment. Students need to prepare for examinations and the whole family stopped all activities. Thus, the movie industry becomes weak in May, and June is the peak for exams and thus in extreme. But summer vacations come in July and thus July is the grand recovery.

So, what is the situation now? War in Iran already called for ceasefire, and also ultimatum for several times of bombardment, terms for peace talk circulated indirectly through middleman several times, but the Hormuz Strait is still in blockade and anti-blockade. In the 2024 General Election, one of the most eye-catching promises of Trump was to end the War in Ukraine after 24 hours he is in office of president, but now already 16 months which is 11,520 hours. The original plan of Putin was to win the war in 48 hours, but today is the 1553rd day which is already 37,272 hours. When will they end?

We can't wait incessantly. The new Fed chair Warsh was sworn in. Originally, people were counting how many times a rate cut will occur this year and now changed to expectation of rate hike in Dec 2026. The long-term bond rate is at 5%,

and 30-year long term bond rate at 5.07%. It goes back to the eve of Dot Com Bubble of 1990s and Financial Tsunami of 2008. China also banned cross border trading of US stocks and thus made the NASDAQ Golden Dragon Index to be even weaker. Before the pandemic it was at 14,600 level, and last Friday closed at 6,512 level. That's why these years I seldom mention it and in the future no need to mention more. But NASDAQ 100 had a bull market since October 2022 and now even in state of panic buying.

Do you still remember Warren Buffett has already retired? What he had left to us? That is the Buffett Indicator. When it is over 120% it is an alarm of over valuation, when over 150% it is greatly over. Last Friday, the index closed at 212.172%. In the Dot Com Bubble of 2000, it was at 150% only, and in the 2021 technical peak and also pandemic peak, it was 200%. It brought the market down to October 2022, the Orionid Meteor Shower and started another bull market till this year which is the year of Crimson Horse and Red Goat (from 2026-2027).

After all, tomorrow is another day!

Everything will be *Gone with the wind* as said in the famous novel and Hollywood movie. For the past one and a half years, no one was able to advise Donald Trump *Don't trouble trouble, till trouble troubles you!* No way, he is the chosen, for he could survive under several assassinations. The tariff war was condemned as illegal by the Final Court, War in Iran as said even destroyed 90% military force of Iran but still could not keep Hormuz Strait open. The G2 meeting in Beijing is all bark but no bite and has to surrender Taiwan to China in breach of the act of Congress in 1982.

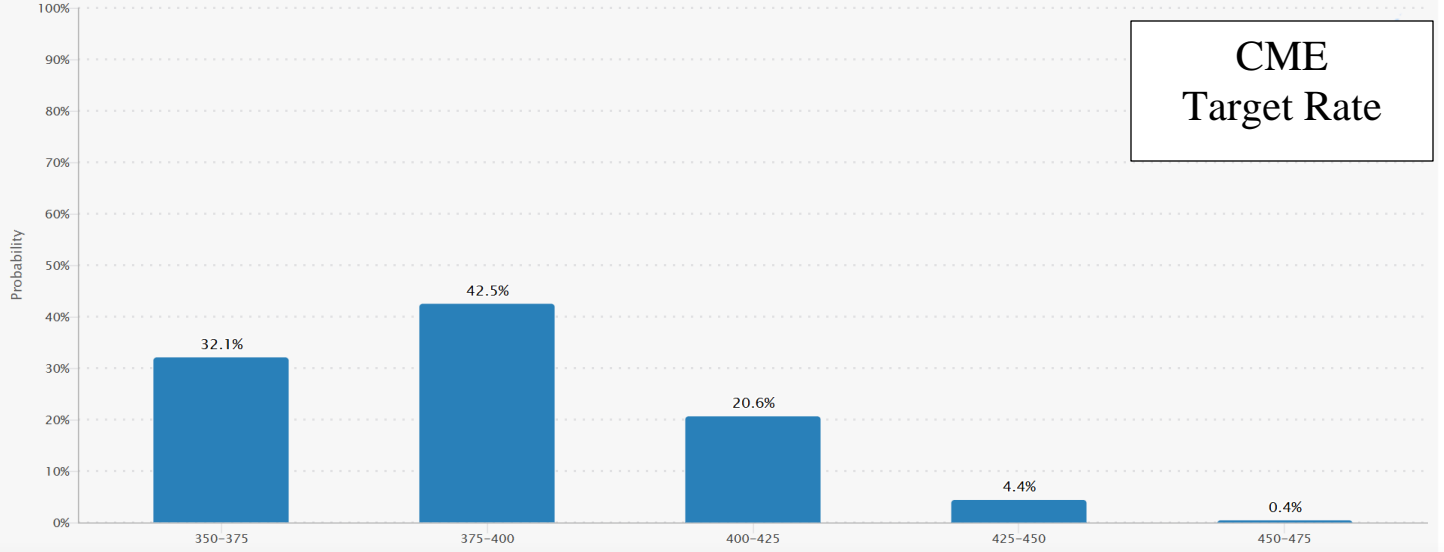
What we can expect is the quantum computer program, the IPO of SpaceX and Anthropic, the successful shooting of the V3 mega-rocket of Starship last week accelerated Artemis Project to Landing on the Moon in 2028 with crews, the reusable rockets saved about 99% of shooting cost in comparison to traditional shooting. The total capital invested in the AI race this year will exceed \$750 billion, and will continue to accelerate in the coming years. Bad times will pass away soon.

Finally, tomorrow is another day!

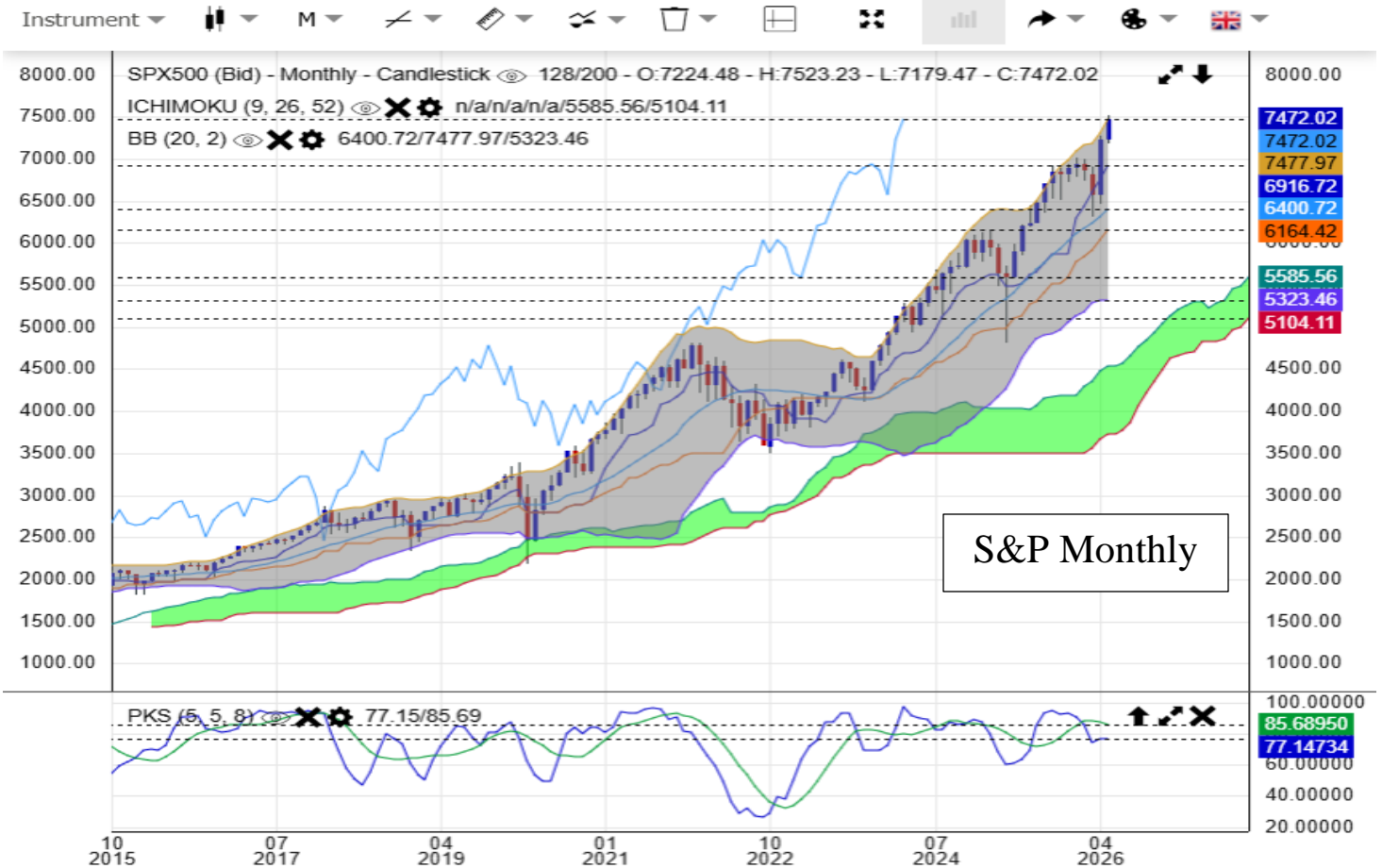
MEETING INFORMATION							PROBABILITIES		
MEETING DATE	CONTRACT	EXPIRES	MID PRICE	PRIOR VOLUME	PRIOR OI		EASE	NO CHANGE	HIKE
9 Dec 2026	ZQZ6	31 Dec 2026	96.1500	10,718	131,789		0.0 %	32.1 %	67.9 %

Target Rate Probabilities for 9 Dec 2026 Fed Meeting

Current target rate is 350-375



CME Target rate changed from expectation of rate cut to rate increase in Dec 2026.



S&P Monthly chart is exhausting.



DJIA at length on record high, the latest among the 3 major indexes. Capitals are changing from IT stocks to traditional stocks.



The record high of NASDAQ is replaced by DJIA, what does it mean?



Market Observation

Quantum Computer, OpenAI, Chips & Electricity

BTC/USD
\$75,404.40

The long weekend emerged with news of peace talk in Iran, but in 3 different versions. That is the US, Iran and Pakistan versions are not the same. Anyway, there is some progress, but not yet finalized, it still needs to have a face-to-face talk. However, it does not mean peace will come at once, for Trump still wants to divert the attention away from his adversities in Iran and is ready to start another military action against Cuba. Also, his fruitless trip to Beijing brought about a lot of murmurs ahead of the midterm election.

Elon Musk was defeated in the court case against OpenAI, but just the following day he fixed the IPO day of OpenAI on Jun 12th, apparently it is the strongest response to the court verdict. The original IPO date of OpenAI was fixed on Nov 18th, but now Sam Altman said it can prompt earlier in Sep according to market conditions. The price will be \$75-\$85. Anthropic is targeted in Oct, but not yet confirmed. The expected valuation is \$1.0-\$1.2 trillion which will be more than OpenAI. SpaceX will be expected at \$1.5-\$2.0 trillion. SpaceX already purchased X.AI, and TSLA holds X.AI, these 3 companies may merge in 2027. Come on! Everyone get your cash ready please! Now, the air goes back to the end of 2025, where most investors had a feeling of too many potential stocks needed to buy, but too little cash left in hand.

The far reason for the court case of OpenAI and Elon Musk should be linked up with GOOG, and now the quantum computer of GOOG is entering into another form of competition backing up by the Dept of Commerce. As AI always encourages self-researching on your own instead of copy trade, please put an eye on IBM, GFS, QBTS, RGTI and AMD. The greatest problem of AI is that it can replace human jobs and cause a rise in unemployment, but the quantum computer is believed to create more jobs for the market. So, let's wide open our eyes and see what will happen!

Mind that what is the common need for Starship, SpaceX, Full Self Driving and Optimus robots, surely is the semiconductors. But the capacity of TSMC is quite limited and already allocated to AAPL, NVDA, GOOG or those in the front ranks of Magnificent Seven. That's why Elon Musk wants to develop his own factory of chips. Not only for the production, but also because electricity is also overloaded on earth. They are going to develop electricity solar plants in lower orbit of the earth. NVDA also has such a production and The Express already said several times Japan is having such a plant of electricity ring around the earth and the moon. By the way, China will join the competition soon, so there will be a keen competition from all sides.

Therefore, the market lies ahead is mixed, putting off war in Iran, Ukraine and Lebanon, just aiming at the technology market it is already in a mix. Mind that the Magnificent Seven (MAGS) is simply weaker than NASDAQ and QQQ after the announcement of Magnificent Ten. Please compare the last small wave of these days and will know that another new page or new competition is arriving ----- it is quantum computer, lower orbit electricity, space industry instead of the focuses in 2025.

Market is changing from rate cut cycle to rate hike cycle. Normally, the greatest impact is not on the first day of changing, it is on the several months or quarters ahead of the changes. That is now!!! Rate hike should be unfavourable news to the stock market, but currently fear of inflation is what most small citizens in the US cares about. Anyway, the market conditions are mixed. Ceasefires surely is good news but please do not have high expectations, that is still a certain time needed to go. The fact is that the US really destroyed 90% of the military force of Iran, but if they only have 10% or 1% or 0.1%, still enough to block the Hormuz Strait or give threats to the Strait due to the special geographical location. Donald Trump and his advisory board never thought of Iran can control the Hormuz Strait only with 0.1% of military force left down.

After All, Tomorrow Is Another Day!