I'm not a bot

Share — copy and redistribute the material in any medium or format for any purpose, even commercially. Adapt — remix, transform, and build upon the material for any purpose, even commercially. The licensor cannot revoke these freedoms as long as you follow the license terms. Attribution — You must give appropriate credit , provide a link to the license, and indicate if changes were made . You may do so in any reasonable manner, but not in any way that suggests the licensor endorses you or your use. ShareAlike — If you remix, transform, or build upon the material, you must distribute your contributions under the same license as the original. No additional restrictions — You may not apply legal terms or technological measures that legally restrict others from doing anything the license permits. You do not have to comply with the license for elements of the material in the public domain or where your use is permitted by an applicable exception or limitation . No warranties are given. The license may not give you all of the permissions necessary for your intended use. For example, other rights such as publicity, privacy, or moral rights may limit how you use the material. Brahma Muhurta, a term derived from Sanskrit, translates to the "Time of Brahma" or the "Creator's Hour." It is a period that occurs roughly an hour and a half (approximately 1 hour 36 minutes) before sunrise and lasts for 48 minutes. This time, traditionally between 3:30 a.m. and 5:30 a.m., is considered highly auspicious in Hinduism for spiritual practices, meditation, yoga, and self-reflection.Spiritual SignificanceConnection to the Divine: Brahma Muhurta is believed to be the time when the veil between the material and spiritual worlds is thinnest. The mind is naturally calm and serene at this hour, making it an ideal time for meditation, prayer, and other spiritual activities. It is believed that during this time, one can achieve a deeper connection with the Divine, leading to greater spiritual awakening and enlightenment.High Pranic Energy: According to Hindu scriptures and Ayurvedic texts, the atmosphere during Brahma Muhurta is rich in prana (life energy). This energy is considered highly beneficial for physical and mental health. Engaging in breathing exercises (pranayama) and yoga during this time helps absorb this pranic energy, rejuvenating the body and mind.Physical and Mental BenefitsMental Clarity and Focus: The tranquility of Brahma Muhurta enhances mental clarity and focus. The absence of distractions during this period allows for deep thinking, planning, and self-analysis. This clarity is beneficial not only for spiritual growth but also for tackling daily challenges with a clear and composed mind.Boosts Creativity and Productivity: Many great thinkers, writers, and leaders have been known to wake up early and engage in creative activities during this period. The mind is fresh and rested after a night’s sleep, making it a fertile ground for new ideas and solutions.Physical Health: Engaging in physical activities like yoga and exercise during Brahma Muhurta can significantly improve health. The body is more flexible and responsive at this time, making it ideal for stretching and strengthening exercises. Additionally, the early morning air is free from pollution, making breathing exercises more effective.Psychological and Emotional BenefitsReduces Stress and Anxiety: The serene environment and the practices associated with Brahma Muhurta, such as meditation and yoga, are powerful tools for reducing stress and anxiety. Starting the day with these practices sets a positive tone for the day, leading to better emotional management.Enhances Emotional Stability: The spiritual practices during Brahma Muhurta promote inner peace and emotional stability. By focusing on the self and connecting with the Divine, individuals can cultivate a sense of calm and contentment that persists throughout the day.What To Do During Brahma Muhurta?Meditation: This is the most recommended activity during Brahma Muhurta. Sitting in a quiet place and focusing on one’s breath or a mantra can help achieve a deep state of meditation. This practice is believed to cleanse the mind, reduce stress, and increase concentration.Yoga and Pranayama: Performing yoga postures (asanas) and breathing exercises (pranayama) during Brahma Muhurta is highly beneficial. It not only enhances physical health but also harmonizes the mind and body, preparing one for the challenges of the day.Study of Sacred Texts (Svadhyaya): Reading and contemplating sacred texts like the Bhagavad Gita, Upanishads, or Vedas during this time is considered highly auspicious. The mind is sharp and receptive, making it easier to absorb and reflect on spiritual teachings.Mantra Chanting (Japa): Chanting mantras, especially those dedicated to Brahma, Vishnu, or Shiva, during Brahma Muhurta is believed to have a powerful effect on the mind and soul. It helps in calming the mind and infusing positive energy into the environment.Personal Reflection and Goal Setting: This is also an excellent time for introspection and setting personal goals. Reflecting on one's actions, planning for the future, and setting intentions for the day ahead can lead to a more organized and purpose-driven life.Simple Acts of Worship (Puja): Offering prayers, lighting a lamp or incense, and performing simple rituals in front of a deity are traditional practices during Brahma Muhurta. This act of devotion is believed to invoke divine blessings and protection.Additional Relevant FactsAyurvedic Perspective: In Ayurveda, Brahma Muhurta is considered an ideal time for Vata dosha, which governs movement and activity in the body. Practices performed during this time are believed to balance Vata, leading to better health and well-being.Scientific Correlation: Modern science also supports the benefits of waking up early. Studies have shown that early risers are generally more productive, have better mental health, and experience less stress. The calmness of the early morning contributes to these benefits.Ritualistic Practices: In Hindu culture, many rituals, especially those related to new beginnings or important life events, are often scheduled during or around Brahma Muhurta to harness its positive energy.Historical and Cultural References: Ancient texts like the Brahma Sutras, Manusmriti, and various Puranas emphasize the importance of Brahma Muhurta for spiritual and intellectual pursuits. Historical figures, including sages, saints, and kings, are often depicted engaging in spiritual practices during this time.Brahma Muhurta holds a significant place in Hinduism due to its spiritual, physical, and psychological benefits. It is a period of profound quiet and tranquility, where the mind and body are naturally aligned for spiritual growth, health, and personal development. Engaging in activities like meditation, yoga, and sacred study during this time can lead to a balanced, peaceful, and fulfilling life. Period before sunrise that is believed to be auspicious for yoga, meditation and worship Prayagraj Junction railway station at 05:52am in December, one and one quarter hours before sunrise Brahmamuhurta (Sanskrit: □□□□□□□□□□□□□, lit. 'time of Brahma') is a 48-minute period (muhurta) that begins one hour and 36 minutes before sunrise, and ends 48 minutes before sunrise. It is traditionally the penultimate phase or muhurta of the night, and is considered an auspicious time for all practices of yoga and most appropriate for meditation, worship or any other religious practice. Spiritual activities performed early in the morning are said to have a greater effect than in any other part of the day.[1] Brahmamuhurta is the 14th muhurta kala of the night. One muhurta is a period of 48 minutes, with a whole night consisting of 15 muhurtas. The time of sunrise varies each day, according to geographic location and time of year, and the time of the brahmamuhurta varies with it. For example, if sunrise is at 6:00 am, the brahmamuhurta begins at 4:24 am and ends at 5:12 am.[2][3] Ayurveda medicine states that there are three doshas found in the human physical body, called Vata (air and ether), Pitta (fire and water) and Kapha (earth and water). The increase or decrease of these three doshas is related to the cycles of time. From sunrise until 10:00 am is the time of Kapha; from 10:00 am until 2:00 pm is the time of Pitta; and from 2:00 pm until 6:00 pm (sunset) is the time of Vata. The evening follows a similar pattern, with the period from 2:00 am until 6:00 am (sunrise) being Vata time. Brahmamuhurta occurs during this phase, and yoga masters state that the best time to meditate is one and a half hours before dawn, because the mind is inherently still at that time, enabling one to achieve a deeper meditative state.[4][5][6] Yoga teacher Tirumalai Krishnamacharya stated "Think of God. If not God, the sun, if not the sun, your parents."[7] Krishnamacharya identified himself with Vaishnavism, or the worship of Vishnu, as did Annanta, under the guidance of Shiva, who is the first yogi.[8] A modern yogi would then show reverence to the sun. In the Kali Yuga, divinity can still be reached through yoga, but because of the agitated mind associated with the Yuga, Yoga must be practiced through Kriya, based on asana.[8] It is therefore common for modern yogis whose lineage can be traced to Krishnamacharya to practice the Suryanamaskara, or sun salutation, in the morning. The Suryanamaskara can be used in ritual cleansing practice that uses the mind states associated with 'Vata' in Ayurveda medicine. These mind states are mentioned in Patanjali's Yoga Sutras[9] These qualities are nearer to the divine, as they pertain to stillness of the mind, which allows for the spirit to shine. It is because of the inherently stiller state of mind in the brahmamuhurta, that meditative states can be more easily achieved.[8] Amrit Velā ^ Lochtefeld, James G. (2002). The illustrated encyclopedia of Hinduism (1st ed.). New York: Rosen. p. 122. ISBN 0823922871. Retrieved 29 May 2022. ^ Encyclopaedia of Hinduism. Sarup & Sons. 1999. p. 404. ISBN 978-81-7625-064-1. ^ Bhojraj Dwivedi (2006). Religious Basis of Hindu Beliefs. Diamond Pocket Books (P) Ltd. pp. 25–. ISBN 978-81-288-1239-2. ^ Lad, Vasant. 'Ayurveda: The Science of Self-Healing', ISBN 0-914955-00-4, P. 104 ^ Maehle, Gregor. "8 Limbs Yoga". 8 Limbs Yoga. Archived from the original on 2017-08-23. Retrieved 2015-06-12. ^ Maehle, Gregor. Ashtanga Yoga: Practice and Philosophy. New World Books. ^ "Yoga Journal". May 2001. ^ a b c Maehle, G. ^ Maehle,G. Retrieved from " The predawn hours, when the world still slumbers and a tranquil silence permeates the atmosphere, holds a unique allure for those in search of solitude, serenity, and self-enhancement. In the Hindu tradition and Ayurvedic philosophy, this early morning period is referred to as the “Brahma Muhurta”. Translating to “the Creator’s Hour”, it is widely regarded as the optimal time for intellectual pursuits, physical activity, and spiritual practices. In this blog, we will delve into the mystical and practical significance of Brahma Muhurta, its scientific rationale, and some beneficial activities that can be undertaken during this time. Unravelling the Significance of Brahma Muhurta Rooted in ancient scriptures and wisdom, the concept of Brahma Muhurta represents a time of two Muhurtas, roughly between 4:00 AM to 6:00 AM, approximately 96 minutes before sunrise. It’s a time of increased Sattva, one of the three gunas or fundamental operating principles in Hindu philosophy. Sattva represents purity, knowledge, and harmony. Hence, the Brahma Muhurta, abundant in sattva, is considered ideal for activities requiring high mental acuity, focus, and spiritual connectivity. Brahma Muhurta Through The Lens of Science The significance of Brahma Muhurta isn’t just wrapped in spiritual lore; it has compelling scientific reasoning as well. The early morning hours correspond to our body’s natural circadian rhythm, a 24-hour internal clock governing various biological processes. One of the key processes it regulates is the sleep-wake homeostasis, maintaining a balance between sleep and wakefulness. By waking up during Brahma Muhurta, you’re essentially aligning with your body’s innate rhythms, enhancing both mental and physical performance. The period of Brahma Muhurta also coincides with the Cortisol Awakening Response (CAR). Cortisol, often known as the “stress hormone,” peaks in secretion in the early morning hours, increasing alertness and cognitive function. This can explain why individuals often experience heightened mental clarity and focus during this time. Moreover, during this hour, melatonin, the sleep hormone, decreases, prompting wakefulness. Lastly, the reduced external distractions – noise, activity, interruptions – create a conducive environment for deep focus and productivity. Harnessing the Power of Brahma Muhurta: What Can You Do? The Brahma Muhurta, with its serene aura and potential health benefits, is an excellent time to engage in activities that require concentration, encourage wellness, and nourish the spirit. Meditation and Pranayama: The tranquility of Brahma Muhurta enhances the effectiveness of meditation and pranayama (breathing exercises). These practices promote relaxation, improve mental clarity, and heighten self-awareness. Yoga and Physical Exercise: Yoga improves flexibility, strength, and balance. Similarly, a morning workout can energize you, setting a positive and active tone for the day ahead. Intellectual Activities: The increased focus during this period makes it an opportune time for studying, reading, or any intellectual work. Creative Pursuits: Engage in writing, painting, music, or any form of creative expression. The silence and solitude can spark creativity and innovation. Spiritual Practices: If spiritually inclined, utilize this time for prayer, chanting, or studying philosophical texts. Remember, however, that while the Brahma Muhurta is deemed ideal for such activities, it’s crucial to pay heed to your personal comfort and lifestyle. The essence of the concept lies in harnessing a time of day where you’re most receptive to growth, be it intellectual, physical, or spiritual. In summary, the significance of Brahma Muhurta stretches beyond religious and cultural realms, resonating with our biological rhythms and conducive to enhanced cognitive performance. Whether you choose to use this time for meditation, exercise, study, or creative pursuits, you are tapping into an ancient wisdom designed to help maximize human potential. Embrace the serenity of the Brahma Muhurta, and you might just find yourself more productive, focused, and harmoniously attuned to the rhythm of your days. Brahma Muhurta means 'time of brahma, literally. It is a 48-minute period (muhurta) that commences 1 hour and 36 minutes before sunrise and ends 48 minutes before sunrise. Brahma Muhurta is an auspicious time for Yogic practices and meditation, worship, or other religious activities. The belief is that spiritual activities performed during this time have a greater effect. The Ashtanga Hridaya, an Ayurvedic treatise, claims that waking up during Brahma Muhurta can increase one’s lifespan and prevent diseases. The Significance of Brahma Muhurta Brahma Muhurta can be described as a sacred window of opportunity, which sets the tone for a successful day. Waking up at Brahma Muhurta every day is highly conducive to mental clarity, peace, and productivity. As per ancient texts, Brahma Muhurta is the time when Brahma’s energy is most prevalent. During this time, there is peace and stillness, which makes it highly suitable for meditation, deep reflection, and inner exploration. Brahma Muhurta allows you to be in sync with the natural rhythms of the universe. It can align your mind, body, and soul. This can ensure a harmonious and balanced day. The tranquil atmosphere boosts your concentration, receptivity, and spiritual connection. This enables you to tap into your inner wisdom and intuition. Spiritual Practices and Brahma Muhurta Spiritual practices, when performed during Brahma Muhurta, impacts your overall well-being. The early morning stillness is ideal for meditation, chanting Mantras, doing yoga, or praying. Such practices enhance your spiritual connection, bring mental clarity, and add positivity and purpose to your day. Benefits of Brahma Muhurta Waking up at Brahma Muhurta has many benefits Doing meditation during this sacred time is a powerful remedy for neutralizing the malefic energies of planetary dashas and transits while boosting the positive forces in your birth chart. Astrologically, Brahma Muhurta is quite significant as a result. Through meditation, you can get rid of the negativity caused by unfavorable planetary alignments. The calm of the early morning time also leads to a reduction in stress levels, more productivity, and better decision-making capabilities. Brahma Muhurta and Jupiter Transit Once a year, on certain days, Brahma Muhurta becomes more auspicious due to the placement of Jupiter in one or two signs ahead of the Sun (as per your location). Due to this alignment, Jupiter will be in the Ascendant during Brahma Muhurta, which is very powerful. When transiting Jupiter occupies the Ascendant during Brahma Muhurta, it is highly auspicious. This powerful combination can remove negativities in your birth chart and obstacles and bring prosperity. Health Benefits of Waking up On Brahma Muhurta The International Journal of Yoga and Allied Sciences says that during Brahma Muhurta, there is plenty of nascent oxygen in the atmosphere, which mixes with hemoglobin and forms oxyhemoglobin, which offers the following benefits: · It enhances immunity · It boosts energy levels · It maintains the balance of blood pH · It can reduce pain, soreness, and cramps · It boosts the absorption of minerals and vitamins Things to Do during Brahma Muhurta 1. Meditation: Engage in deep introspection and try to connect with your inner self. 2. Mantra Chanting: Invoke divine energy to manifest positive changes in your life. 3. Breathing exercises and Pranayama: This can rejuvenate you and stimulate your energy centers. 4. Practice Gratitude: Express gratitude for the good things in your life. Nurture an attitude of appreciation and attract abundance and joy. 5. Keep a Journal: Put down your thoughts, aspirations, and feelings on paper. You will have more clarity and gain valuable insights by doing so. Set intentions and release any tensions onto the page. Things Not to Do in Brahma Muhurta Dharmashastra prescribes some don'ts during Brahma Muhurta. 1. Avoid eating: Eating during Brahma Muhurta can cause health issues. 2. Avoid stressful activities: Don’t do anything which involves too much mental work, as it can reduce your lifespan. Can Everyone Wake Up During Brahma Muhurta? Ashtanga Hridaya says that only healthy people should wake up during Brahma Muhurta. It also says that the following categories of people should avoid waking up during Brahma Muhurta: · Pregnant women · Children · Old people who have not been waking up during Brahma Muhurta from the very beginning · People who have any physical and mental problems. · People whose previous meal is undigested (No bowel movement suggests an undigested meal) , the free encyclopedia that anyone can edit. 112,025 active editors 7,010,457 articles in English Ian Carmichael (18 June 1920 – 5 February 2010) was an English actor who had a career that spanned seventy years. Born in Kingston upon Hull, he trained at the Royal Academy of Dramatic Art, but his studies—and the early stages of his career—were curtailed by the Second World War. After initial success in revue and sketch productions, he was cast by the film producers John and Roy Boulting to star in a series of satires, starting with Private's Progress in 1956 through to I'm All Right Jack in 1959. In the mid-1960s he played Bertie Wooster for BBC Television for which he received positive reviews, including from P. G. Wodehouse, the writer who created the character of Wooster. In the early 1970s he played another upper-class literary character, Lord Peter Wimsey, the amateur but talented investigator created by Dorothy L. Sayers. Carmichael was often typecast as an affable but bumbling upper-class innocent, but he retained a disciplined approach to training and rehearsing. (Full article...) Recently featured: Russet sparrow Emmy Noether The Combat: Woman Pleading for the Vanquished Archive By email More featured articles About Pallas Athena ... that Pallas Athena (pictured) marked Gustav Klimt's transition to his iconic "golden phase" style? ... that a legislator, a civil servant, and a soldier led the campaign for a new district on Sumba Island? ... that the cover for Brazilian supergroup Tribalistas' debut album used chocolate syrup to illustrate the trio? ... that Jeremy Crawshaw was the only punter selected in the 2025 NFL draft? ... that HMS Sheffield earned twelve battle honours during World War II? ... that a South African library was named after American economist Elizabeth Ellis Hoyt in recognition of her work in Africa? ... that the Five Domains model seeks to ensure that animals have a "life worth living"? ... that Taylor Swift compared the metaphors in her song "…Ready for It?" to those in the novel Crime and Punishment? ... that Ralph Riggs made his professional stage debut when he was a baby? Archive Start a new article Nominate an article Melissa Hortman In the US state of Minnesota, state representative Melissa Hortman (pictured) is assassinated and state senator John Hoffman is injured. Former president of Nicaragua and first elected female president in the Americas Violeta Chamorro dies at the age of 95. Israel launches multiple airstrikes across cities in Iran, killing various nuclear scientists and military officials, including IRGC commander-in-chief Hossein Salami. Air India Flight 171 crashes in Ahmedabad, India, killing 279 people. Ongoing: Gaza war Russian invasion of Ukraine timeline Sudanese civil war timeline Recent deaths: Stella Chen Franzo Grande Stevens Sly Stone Moḥammad Bagheri Fereydoon Abbasi Stu Wilson Nominate an article June 18: Autistic Pride Day Cadaver Tomb of René of Chalon 1898 – The Cadaver Tomb of René of Chalon (pictured) in Bar-le-Duc, France, was designated a monument historique. 1958 – English composer Benjamin Britten's one-act opera Noye's Fludde was premiered at the Aldeburgh Festival. 1967 – American musician Jimi Hendrix burned his guitar on stage at the end of a performance at the Monterey International Pop Festival in California. 1981 – The Lockheed F-117 Nighthawk, the first operational aircraft to be designed around stealth technology, made its maiden flight. 1994 – The Troubles: Ulster Volunteer Force members attacked a crowded bar in Loughinisland, Northern Ireland, with assault rifles, killing six people. Rogier van der Weyden (d. 1464)Ambrose Philips (d. 1749)Lou Brock (b. 1939)Stephanie Kwolek (d. 2014) More anniversaries: June 17 June 18 June 19 Archive By email List of days of the year About The Garni Temple is a classical colonnaded structure in the village of Garni, in central Armenia, around 30 km (19 mi) east of Yerevan. Built in the Ionic order, it is the best-known structure and symbol of pre-Christian Armenia. It has been described as the "easternmost building of the Greco-Roman world" and the only largely preserved Hellenistic building in the former Soviet Union. It is conventionally identified as a pagan temple built by King Tiridates I in the first century AD as a temple to the sun god Mihr (Mithra). It collapsed in a 1679 earthquake, but much of its fragments remained on the site. Renewed interest in the 19th century led to excavations in the early and mid-20th century. It was reconstructed in 1969–75, using the anastylosis technique. It is one of the main tourist attractions in Armenia and the central shrine of Hetanism (Armenian neopaganism). This aerial photograph shows the Garni Temple in the winter. Photograph credit: Yerevantsi Recently featured: Igor Stravinsky Sabella pavonina Magna Carta (An Embroidery) Archive More featured pictures Community portal – The central hub for editors, with resources, links, tasks, and announcements. Village pump – Forum for discussions about Wikipedia itself, including policies and technical issues. Site news – Sources of news about Wikipedia and the broader Wikimedia movement. Teahouse – Ask basic questions about using or editing Wikipedia. Help desk – Ask questions about using or editing Wikipedia. Reference desk – Ask research questions about encyclopedic topics. Content portals – A unique way to navigate the encyclopedia. Wikipedia is written by volunteer editors and hosted by the Wikimedia Foundation, a non-profit organization that also hosts a range of other volunteer projects: CommonsFree media repository MediaWikiWiki software development Meta-WikiWikimedia project coordination WikibooksFree textbooks and manuals WikidataFree knowledge base WikinewsFree-content news WikiquoteCollection of quotations WikisourceFree-content library WikispeciesDirectory of species WikiversityFree learning tools WikivoyageFree travel guide WiktionaryDictionary and thesaurus This Wikipedia is written in English. Many other Wikipedias are available; some of the largest are listed below. 1,000,000+ articles العربية Deutsch Español فارسی Français Italiano Nederlands 日本語 Polski Português Русский Svenska Українська Tiếng Việt 中文 250,000+ articles Bahasa Indonesia Bahasa Melayu Bân-lâm-gú Български Català Čeština Dansk Eesti Ελληνικά Esperanto Euskara עברית Հայերեն Magyar Norsk bokmål Română Simple English Slovenčina Srpski Srpskohrvatski Suomi Türkçe Oʻzbekcha 50,000+ articles Asturianu Azərbaycanca □□□□□ Bosanski کوردی Frysk Gaeilge Galego Hrvatski ქართული Kurdî Latviešu Lietuvių □□□□□□ Македонски □□□□□□□□□□ Norsk nynorsk □□□□□□ Shqip Slovenščina □□□ □□□□□□ اردو Retrieved from " 2Calendar year Years Millennium 2nd millennium Centuries 18th century 19th century 20th century Decades 1870s 1880s 1890s 1900s 1910s Years 1895 1896 1897 1898 1899 1900 1901 vte 1898 by topic Humanities Animation Archaeology Architecture Art Film Literature Poetry Music By country Australia Belgium Brazil Bulgaria Canada China Denmark France Germany Italy New Zealand Norway Philippines Portugal Russia South Africa Spain Sweden United Kingdom United States Venezuela Other topics Rail transport Science Sports Lists of leaders Sovereign states Sovereign state leaders Territorial governors Religious leaders Law Birth and death categories Births Deaths Establishments and disestablishments categories Establishments Disestablishments Works category Works vte 1898 in various calendarsGregorian calendar1898MDCCCXCVIIIAb urbe condita2651Armenian calendar1347ԹՎ ՌՅԽԷAssyrian calendar6648Bahá'í calendar54–55Balinese saka calendar1819–1820Bengali calendar1304–1305Berber calendar2848British Regnal year61 Vict. 1 – 62 Vict. 1Buddhist calendar2442Burmese calendar1260Byzantine calendar7406–7407Chinese calendar丁酉年 (Fire Rooster)4595 or 4388 — to —戊戌年 (Earth Dog)4596 or 4389Coptic calendar1614–1615Discordian calendar3064Ethiopian calendar1890–1891Hebrew calendar5658–5659Hindu calendars - Vikram Samvat1954–1955 - Shaka Samvat1819–1820 - Kali Yuga4998–4999Holocene calendar11898Igbo calendar898–899Iranian calendar1276–1277Islamic calendar1315–1316Japanese calendarMeiji 31(明治３１年)Javanese calendar1827–1828Julian calendarGregorian minus 12 daysKorean calendar4231Minguo calendar14 before ROC民前14年Nanakshahi calendar430Thai solar calendar2440–2441Tibetan calendar阴火鸡年 (female Fire-Rooster)2024 or 1643 or 871 — to —阳土狗年(male Earth-Dog)2025 or 1644 or 872 Wikimedia Commons has media related to 1898. 1898 (MDCCCXCVIII) was a common year starting on Saturday of the Gregorian calendar and a common year starting on Thursday of the Julian calendar, the 1898th year of the Common Era (CE) and Anno Domini (AD) designations, the 898th year of the 2nd millennium, the 98th year of the 19th century, and the 9th year of the 1890s decade. As of the start of 1898, the Gregorian calendar was 12 days ahead of the Julian calendar, which remained in localized use until 1923. Calendar year 1898 world map January 1 – New York City annexes land from surrounding counties, creating the City of Greater New York as the world's second largest. The city is geographically divided into five boroughs: Manhattan, Brooklyn, Queens, The Bronx and Staten Island. January 13 – Novelist Émile Zola's open letter to the President of the French Republic on the Dreyfus affair, J'Accuse...!, is published on the front page of the Paris daily newspaper L'Aurore, accusing the government of wrongfully imprisoning Alfred Dreyfus and of antisemitism. February 12 – The automobile belonging to Henry Lindfield of Brighton rolls out of control down a hill in Purley, London, England, and hits a tree; thus he becomes the world's first fatality from an automobile accident on a public highway.[1] February 15 – Spanish–American War: The USS Maine explodes and sinks in Havana Harbor, Cuba, for reasons never fully established, killing 266 men. The event precipitates the United States' declaration of war on Spain, two months later.February 15: USS Maine is sunk. February 23 – Émile Zola is imprisoned in France, after writing J'Accuse...!. March 1 – Vladimir Lenin creates the Russian Social Democratic Labour Party in Minsk March 14 – Association football and sports club BSC Young Boys is established in Bern, Switzerland, as the Fussballclub Young Boys. March 16 – In Melbourne the representatives of five colonies adopt a constitution, which will become the basis of the Commonwealth of Australia.[2] March 24 – Robert Allison of Port Carbon, Pennsylvania, becomes the first person to buy an American-built automobile, when he buys a Winton automobile that has been advertised in Scientific American. March 26 – The Sabie Game Reserve in South Africa is created, as the first officially designated game reserve. April 5 – Annie Oakley promotes the service of women in combat situations, with the United States military. On this day, she writes a letter to President McKinley "offering the government the services of a company of 50 'lady sharpshooters' who would provide their own arms and ammunition should war break out with Spain."[3] April 22 – Spanish–American War: The United States Navy begins a blockade of Cuban ports and the USS Nashville captures a Spanish merchant ship. April 23 – Spanish–American War: A conference of senior Spanish Navy officers led by naval minister Segismundo Bermejo decide to send Admiral Pascual Cervera's squadron to Cuba and Puerto Rico. April 25 Spanish–American War: The United States declares war on Spain; the U.S. Congress announces that a state of war has existed since April 21 (later backdating this one more day to April 20). In Essen, German company Rheinisch-Westfälisches Elektrizitätswerk RWE is founded.[4] April 26 – An explosion in Santa Cruz, California, kills 13 workers, at the California Powder Works.[5] April 29 – The Paris Auto Show, the first large-scale commercial vehicle exhibition show, is held in Tuileries Garden.[6] May 1 – Spanish–American War – Battle of Manila Bay: Commodore Dewey destroys the Spanish squadron, in the first battle of the war, as well as the first battle in the Philippines Campaign. May 2 – Thousands of Chinese scholars and Beijing citizens seeking reforms protest in front of the capital control yuan. May 7–9 – Bava Beccaris massacre: Hundreds of demonstrators are killed, when General Fiorenzo Bava Beccaris orders troops to fire on a rally in Milan, Italy. May 8 – The first games of the Italian Football Federation are played, in which Genoa played against Torino. May 12 – Spanish–American War: The Puerto Rican Campaign begins, with the Bombardment of San Juan. May 22 – The German Federation football club SV Darmstadt 98 is formed. May 27 – The territory of Kwang-Chou-Wan is leased by China to France, according to the Treaty of 12 April 1892, as the Territoire de Kouang-Tchéou-Wan, forming part of French Indochina.[7] May 28 – Secondo Pia takes the first photographs of the Shroud of Turin and discovers that the image on the Shroud itself appears to be a photographic negative.The original flag of the Philippines as conceived by General Emilio Aguinaldo. The blue is of a lighter shade than the currently mandated royal blue, the sun has eight points as currently but many more rays and it has a mythical face. June 1 – The Trans-Mississippi Exposition World's Fair opens, in Omaha, Nebraska. June 7 – William Ramsay and Morris Travers discover neon at their laboratory at University College London, after extracting it from liquid nitrogen.[8] June 9 – The British government arranges a 99-year rent of Hong Kong from China. June 10 – Tuone Udaina, the last known speaker of the Dalmatian language, is killed in an explosion. June 11 – The Guangxu Emperor announces the creation of what would later become Peking University.[9][10] June 12 – Philippine Declaration of Independence: After 333 years of Spanish dominance, General Emilio Aguinaldo declares the Philippines' independence from Spain. June 13 – Yukon Territory is formed in Canada, with Dawson chosen as its capital. June 19 – Food processing giant Nabisco is founded in New Jersey.[page needed] June 21 – Spanish–American War: The United States captures Guam, making it the first U.S. overseas territory. June 28 – Effective date of the Curtis Act of 1898 which will lead to the dissolution of tribal and communal lands in Indian Territory and ultimately the creation of the State of Oklahoma in 1907. August 28: Caleb Bradham names his soft drink Pepsi-Cola July 1 – Spanish–American War: Battle of San Juan Hill – United States troops (including Buffalo Soldiers and Theodore Roosevelt's Rough Riders) take a strategic position close to Santiago de Cuba from the Spanish. July 3 Spanish–American War: Battle of Santiago de Cuba – The United States Navy destroys the Spanish Navy's Caribbean Squadron. American adventurer Joshua Slocum completes a 3-year solo circumnavigation of the world. July 4 – En route from New York to Le Havre, the ocean liner SS La Bourgogne collides with another ship and sinks off the coast of Sable Island with the loss of 549 lives. July 7 – The United States annexes the Hawaiian Islands. July 17 – Spanish–American War: Battle of Santiago Bay. Troops under United States General William R. Shafter take the city of Santiago de Cuba from the Spanish. July 18 – "The Adventures of Louis de Rougemont" first appear in The Wide World Magazine, as its August 1898 issue goes on sale.[11] July 25 – Spanish–American War: The United States invasion of Puerto Rico begins, with a landing at Guánica Bay. August 12 – Spanish–American War: Hostilities end between American and Spanish forces in Cuba. August 13 – Spanish–American War: Battle of Manila – By prior agreement, the Spanish commander surrenders the city of Manila to the United States, in order to keep it out of the hands of Filipino rebels, ending hostilities in the Philippines. August 20 – The Gornergrat railway opens, connecting Zermatt to the Gornergrat in Switzerland. August 21 – Clube de Regatas Vasco da Gama is founded in Rio de Janeiro. August 23 – The Southern Cross Expedition, the first British venture of the Heroic Age of Antarctic Exploration, sets sail from London. August 24 – Chickasaw and Choctaw tribes sign the Atoka Agreement, a requirement of the Curtis Act of 1898. August 25 – 700 Greeks and 15 Englishmen are slaughtered by the Turks in Heraklion, Greece, leading to the establishment of the autonomous Cretan State. August 28 – American pharmacist Caleb Bradham names his soft drink Pepsi-Cola. September 2 – Battle of Omdurman (Mahdist War): British and Egyptian troops led by Horatio Kitchener defeat Sudanese tribesmen led by Khalifa Abdullah al-Taashi, thus establishing British dominance in the Sudan. 11,000 Sudanese are killed and 1,600 wounded in the battle.[12] September 10 – Italian anarchist Luigi Lucheni assassinates Empress Elisabeth of Austria in Geneva, as an act of propaganda of the deed. September 18 – Fashoda Incident: A powerful flotilla of British gunboats arrives at the French-occupied fort of Fashoda on the White Nile, leading to a diplomatic stalemate, until French troops are ordered to withdraw on November 3. September 21 Empress Dowager Cixi of China engineers a coup d'état, marking the end of the Hundred Days' Reform; the Guangxu Emperor is arrested. Geert Adriaans Boomgaard of Groningen in the Netherlands becomes the world's first validated supercentenarian. October 1 – The Vienna University of Economics and Business is founded, under the name K.u.K. Exportakademie. October 3 – Battle of Sugar Point: Ojibwe tribesmen defeat U.S. government troops, in northern Minnesota. October 6 – The Sinfonia Club, later to become the Phi Mu Alpha Sinfonia fraternity, is founded at the New England Conservatory of Music in Boston by Ossian Everett Mills. October 15 – The Fork Union Military Academy is founded, in Fork Union, Virginia.[13] October 21 – General Leonard Wood, the U.S. military governor of Cuba, issues a proclamation guaranteeing personal rights to the Cuban people.[14] October 22 – In a race riot near Harperville, Mississippi in the U.S., 14 African-Americans and one white person are killed.[14] October 23 – An anarchist, suspected of plotting the assassination of Germany's Kaiser Wilhelm II, is arrested in Egypt at Alexandria.[14] October 24 – The last Spanish soldiers in Puerto Rico, led by General Ortega, depart on ships to return to Spain.[14] U.S. President William McKinley extends the deadline for all Spanish troops to leave Cuba. Set to expire on December 1, the last day to depart is extended to January 1, 1899.[14] Chinese soldiers attack a party of British engineers at the Marco Polo Bridge on the Beijing to Hankou railway.[14] October 26 – A collision between two Japanese steamers at sea kills 60 Japanese sailors.[14] The U.S. begins the release and repatriation of Spanish Navy sailors who had been taken as prisoners of war in the Philippines, and sends them back to Spain.[14] October 27 – The Court of Cassation in Paris hears arguments from lawyers regarding a new trial in the Dreyfus case.[14] The Court grants the request on October 29. October 29 – France's Court of Cassation grants a rehearing on the Dreyfus case.[14] Kaiser Wilhelm II of Germany and his wife arrive at Jerusalem in Ottoman-ruled Palestine and visit the Church of the Holy Sepulchre.[14] October 30 – The Imperial Russian government announces that the leaders of the world's major nations have accepted the invitation of the Tsar to take part in a proposed conference on disarmament.[14] October 31 – The Lutheran Church of the Redeemer, Jerusalem, is dedicated after the Sultan of the Ottoman Empire presents the area, said to be the site of the Virgin Mary's home, to Germany's Roman Catholics.[14] Count Ōkuma Shigenobu, Japan's Prime Minister, announces his resignation along with that of his cabinet of ministers.[14] November 1 – Charles Dupuy forms a new government as Prime Minister of France following the resignation of Henri Brisson.[14] November 3 – With increasing violence threatened by rebels in China, the Russian fleet at Port Arthur and the British warships at Wei-Hai-Wei are readied for battle.[14] November 5 – Negros Revolution: Filipinos on the island of Negros revolt against Spanish rule and establish the short-lived Republic of Negros.[14] In China, an admiral of the Imperial Russian Navy and 40 sailors are denied permission by the Chinese government to proceed from Tientsin to Beijing. In the U.S., the collapse of a theater under construction in Detroit kills 11 workmen.[14] November 6 – The Japanese ambassador to China meets with the Emperor and the Empress Dowager at Beijing.[14] November 7 – The final meeting of the Cuban Assembly of the República de Cuba en Armas, which had been founded in 1895 during the Cuban War of Independence, is called to order by General Calixto García in the city of Santa Cruz del Sur. Domingo Méndez Capote is elected as president of the assembly. November 8 – Elections are held in the U.S. for all 357 seats in the House of Representatives, as well as for the governors and state legislature of 25 of the 45 states. With 179 needed for a majority, the Republican Party maintains control with 187 seats, despite losing 19; the Democratic party gains 37 to reach 124 seats; the Populist party losses all but five of its 22 seats, and the other 4 seats are controlled by smaller parties. Among Governors elected are Theodore Roosevelt as Governor of the state of New York.[14] Count Yamagata Aritomo forms a new government as Prime Minister of Japan.[14] November 9 – In the U.S., the racial violence in Phoenix, South Carolina, comes to an end after 12 African-Americans had been lynched.[14] November 10 – The Wilmington insurrection of 1898 begins as a coup d'état by the white Democratic Party of the U.S. state of North Carolina against the Republican Mayor of Wilmington. On the first day, a building housing a negro newspaper is burned and eight African Americans are killed.[14] The new United Central American States, a merger of El Salvador, Honduras and Nicaragua, places its capital in the Nicaraguan city of Chinandega.[14] Bartolomé Masó, the President of the República de Cuba en Armas that had been founded during the Cuban War of Independence, resigns.[14] November 11 – In Wilmington, negro leaders and white republicans are forced to leave the city by new government.[14] November 12 – The Earl of Minto takes office as the new Governor General of Canada.[14] November 17 – Fighting begins in Pana, Illinois, between striking white coal miners and black miners hired to replace them.[14] November 18 – The wreck of the ship Atalanta off the coast of the U.S. state of Oregon kills 28 of the 30 crew aboard.[14] November 19 – In U.S. college football, Harvard University defeats Yale University, 17 to 0, to close the season unbeaten.[14] November 21 – At the Paris conference to end the Spanish-American War, the U.S. commissioners offer $20,000,000 for purchase of the Philippines from Spain.[15] November 24 – Italy sends an ultimatum to the Sultan of Morocco concerning treatmen of Italian residents.[15] November 26 – General Ramón Blanco resigns as the spanish Governor-General of Cuba and is replaced by General Adolfo Jiménez Castellanos.[15] A two-day blizzard known as the Portland Gale piles snow in Boston, severely impacting the Massachusetts fishing industry and several coastal New England towns.[15] The U.S. Marines arrive on USS Boston at Tientsin in China in order to guard the American legation at Beijing.[15] November 27 – All 115 people aboard the American steamer SS Portland are killed when the ship founders off of the caost of Cape Cod.[15] November 28 –The Spanish peace commissioners in Paris announce that they accept the offer of the U.S. to purchase the Philippines.[15] November

Gundersen, Norwegian actress (b. 1832) December 29 – Ilia Solomonovich Abelman, Russian astronomer (b. 1866)[29] Sotirios Sotiropoulos, Greek economist, politician (b. 1831) ^ Penguin Pocket On This Day. Penguin Reference Library. Penguin. 2006. ISBN 0-14-102715-0. ^ LaNauze, J. A. (1972). The Making of the Australian Constitution. Melbourne University Press. ^ The National Archives and Records Administration (NARA) Archived November 7, 2020, at the Wayback Machine. "Letter to President William McKinley from Annie Oakley". Retrieved January 24, 2008. ^ Asriel, Camillo J. (1930). Das R.W.E., Rheinisch-Westfälisches Elektrizitätswerk A.-G., Essen a.d. Ruhr (in German). Girsberger & Company. p. 1. ^ "The California Powder Works". Santa Cruz Public Library Local History Articles. Archived from the original on June 26, 2010. Retrieved 2011-11-21. ^ Authority, International Driving. "Paris Motor Show". International Driving Authority. Retrieved 2024-07-02. ^ Choveaux, A. (1925). "Situation économique du territoire de Kouang-Tchéou-Wan en 1923". Annales de Géographie. 34 (187): 74–77. doi:10.3406/geo.1925.8102. ^ Ribbat, Christoph (2011). Flickering Light: A History of Neon. Reaktion Books. p. 23. ^ "[Peking University Landmark] Peking University Hall". english.pku.edu.cn. Retrieved 2024-06-23. ^ Harry Edward King. 1911. UNITED STATES BUREAU OF EDUCATION. THE EDUCATIONAL SYSTEM OF CHINA AS RECENTLY RECONSTRUCTED. ^ Stratmann, Linda (2010). Fraudsters and Charlatans: A Peek at Some of History's Greatest Rogues. Stroud: The History Press. ^ Boahen, A. Adu (1987). African Perspectives on Colonialism. Baltimore, Md: Johns Hopkins University Press. p. 48. ISBN 9780801839313. ^ Salmon, John S. (1994). A Guidebook to Virginia's Historical Markers. University of Virginia Press. p. 48. ^ a b c d e f g h i j k l m n o p q r s t u v w x y z aa ab ac ad The American Monthly Review of Reviews (December 1898), pp. 641-646 ^ a b c d e f g h i j k l m n o p q r s t u The American Monthly Review of Reviews (January 1899), pp. 24-28 ^ a b c d e f g The American Monthly Review of Reviews (February 1899), pp. 154-157 ^ Benedetti, Jean (1999). Stanislavski: His Life and Art (Revised ed.). London: Methuen. ISBN 0-413-52520-1. ^ Hunt, Liz (March 1, 2011). "The forensic mind of the original Dr Death". The Telegraph. Archived from the original on January 12, 2022. ^ Bettina Liebowitz Knapp (1976). French novelists speak out. Whitston Publishing Company. p. 65. ISBN 9780878750849. ^ "Fichier des personnes décédées - DE LABRIFFE Solange Marie Christine Louise | Amiens 05/04/1898 - Paris 03/11/1976". matchID - Moteur de recherche des décès. 1976. Retrieved 2024-02-22. ^ "Golda Meir". Britannica Presents 100 Women Trailblazers. 16 February 2019. Retrieved 29 July 2021. ^ "Erich Maria Remarque Is Dead; Novels Recorded Agony of War". The New York Times. Sep 26, 1970. ^ Masterplots Cyclopedia of World Authors. Salem Press. 1958. p. 96. ^ "C.S. Lewis | Biography, Books, Mere Christianity, Narnia, & Facts | Britannica". www.britannica.com. Retrieved 19 June 2023. ^ Haworth, S. (January 1899), Schedule A: Births, Wentworth County, Ontario, p. 292{{citation}}: CS1 maint: location missing publisher (link) ^ Crawford, Alan (23 September 2004). "Beardsley, Aubrey Vincent (1872–1898), illustrator". Oxford Dictionary of National Biography. Oxford Dictionary of National Biography (online ed.). Oxford University Press. doi:10.1093/ref:odnb/1821. (Subscription or UK public library membership required.) ^ Steinberg, Jonathan (2011). Bismarck: A Life. Oxford University Press. pp. 462–3. ISBN 978-0-19-997539-6. ^ Otto Drude (1994). Theodor Fontane. Insel Verlag, Frankfurt. p. 176. ^ Herman Rosenthal (1901). "ABELMAN, ILIA SOLOMONOVICH". In Singer, Isidore; et al. (eds.). The Jewish Encyclopedia. Vol. 1. New York: Funk & Wagnalls. p. 52. Morro Castle, Havana Harbor. 00694250. Thomas Edison. Archived from the original on December 12, 2012. Retrieved May 25, 2009. Filmed ca. March 17 to April 1, 1898 Morro Castle (fortress) downloadable videos. (1898 Morro Castle, Havana Harbor, YouTube stream. Thomas Edison. Archived from the original on March 5, 2016. Retrieved 2009-05-07. needs Flash) 1898 U S Battleship Indiana. Thomas Edison. Archived from the original on 2021-12-11. Retrieved 2009-05-07. view of USS Indiana (BB-1) (needs Flash) 1898 Transport Ship Whitney Leaving Dock. Thomas Edison. Archived from the original on 2021-12-11. Retrieved 2009-05-07. 1898-05-20 (needs Flash) 1898 10th U.S. Infantry, 2nd Battalion leaving Train. Thomas Edison. Archived from the original on 2021-12-11. Retrieved 2009-05-20. 1898-05-20 view of 10th U.S. Infantry, 2nd Battalion (needs Flash) 1898 U.S. Cavalry Supplies Unloading at Tampa, Florida. Thomas Edison. Archived from the original on 2021-12-11. Retrieved 2009-05-07. 1898-05-20 view of Tampa, Florida (needs Flash) 1898 Military Camp at Tampa, taken from train. Thomas Edison. Archived from the original on 2021-12-11. Retrieved 2009-05-07. 1898-05-20 view of Tampa, Florida (needs Flash) 1898 Cuban Refugees Waiting for Rations. Thomas Edison. Archived from the original on 2021-12-11. Retrieved 2009-05-07. 1898-05-20 (needs Flash) 1898 Colored Troops Disembarking. Thomas Edison. Archived from the original on 2021-12-11. Retrieved 2009-05-07. 1898-05-20 (needs Flash) 1898 Troops Ship for the Philippines. Thomas Edison. Archived from the original on 2021-12-11. Retrieved 2009-05-07. June 1898 (needs Flash) 1898 U.S. troops landing at Daiquirí, Cuba. Thomas Edison. Archived from the original on 2021-12-11. Retrieved 2009-05-07. 1898-08-05 view of Daiquirí after the United States invasion of Cuba in the Spanish–American War (needs Flash) 1898 Major General Shafter. Thomas Edison. Archived from the original on 2021-12-11. Retrieved 2009-05-07. 1898-08-05 view of Major General Shafter (needs Flash) 1898 Troops making road in front of Santiago. Thomas Edison. Archived from the original on 2021-12-11. Retrieved 2009-05-07. 1898-09-03 view of Santiago (needs Flash) Retrieved from " 3One hundred years, from 1701 to 1800 For other uses, see 18th century (disambiguation). Millennia 2nd millennium Centuries 17th century 18th century 19th century Timelines 17th century 18th century 19th century State leaders 17th century 18th century 19th century Decades 1700s 1710s 1720s 1730s 1740s 1750s 1760s 1770s 1780s 1790s Categories: Births – Deaths Establishments – Disestablishments vte Political boundaries at the beginning of year 1700 Storming of the Bastille, 14 July 1789, an iconic event of the French Revolution. Development of the Watt steam engine in the late 18th century was an important element in the Industrial Revolution in Europe. The American Revolutionary War took place in the late 18th century. The 18th century lasted from 1 January 1701 (represented by the Roman numerals MDCCI) to 31 December 1800 (MDCCC). During the 18th century, elements of Enlightenment thinking culminated in the Atlantic Revolutions. Revolutions began to challenge the legitimacy of monarchical and aristocratic power structures. The Industrial Revolution began mid-century, leading to radical changes in human society and the environment. The European colonization of the Americas and other parts of the world intensified and associated mass migrations of people grew in size as part of the Age of Sail. During the century, slave trading expanded across the shores of the Atlantic Ocean, while declining in Russia[1] and China.[2] Western historians have occasionally defined the 18th century otherwise for the purposes of their work. For example, the "short" 18th century may be defined as 1715–1789, denoting the period of time between the death of Louis XIV of France and the start of the French Revolution, with an emphasis on directly interconnected events.[3][4] To historians who expand the century to include larger historical movements, the "long" 18th century[5] may run from the Glorious Revolution of 1688 to the Battle of Waterloo in 1815[6] or even later.[7] France was the sole world superpower from 1659, after it defeated Spain, until 1815, when it was defeated by Britain and its coalitions following the Napoleonic Wars. In Europe, philosophers ushered in the Age of Enlightenment. This period coincided with the French Revolution of 1789, and was later compromised by the excesses of the Reign of Terror. At first, many monarchies of Europe embraced Enlightenment ideals, but in the wake of the French Revolution they feared loss of power and formed broad coalitions to oppose the French Republic in the French Revolutionary Wars. Various conflicts throughout the century, including the War of the Spanish Succession and the Seven Years' War, saw Great Britain triumph over its rivals to become the preeminent power in Europe. However, Britain's attempts to exert its authority over the Thirteen Colonies became a catalyst for the American Revolution. The 18th century also marked the end of the Polish–Lithuanian Commonwealth as an independent state. Its semi-democratic government system was not robust enough to prevent partition by the neighboring states of Austria, Prussia, and Russia. In West Asia, Nader Shah led Persia in successful military campaigns. The Ottoman Empire experienced a period of peace, taking no part in European wars from 1740 to 1768. As a result, the empire was not exposed to Europe's military improvements during the Seven Years' War. The Ottoman military consequently lagged behind and suffered several defeats against Russia in the second half of the century. In South Asia, the death of Mughal emperor Aurangzeb was followed by the expansion of the Maratha Confederacy and an increasing level of European influence and control in the region. In 1739, Persian emperor Nader Shah invaded and plundered Delhi, the capital of the Mughal Empire. Later, his general Ahmad Shah Durrani scored another victory against the Marathas, the then dominant power in India, in the Third Battle of Panipat in 1761.[8] By the middle of the century, the British East India Company began to conquer eastern India,[9][8] and by the end of the century, the Anglo-Mysore Wars against Tipu Sultan and his father Hyder Ali, led to Company rule over the south.[10][11] In East Asia, the century was marked by the High Qing era, a period characterized by significant cultural and territorial expansion. This period also experienced relative peace and prosperity, allowing for societal growth, increasing literacy rates, flourishing trade, and consolidating imperial power across the vast Qing dynasty's territories. Conversely, the continual seclusion policy of the Tokugawa shogunate also brought a peaceful era called Pax Tokugawa and experienced a flourishment of the arts as well as scientific knowledge and advancements, which were introduced to Japan through the Dutch port of Nagasaki. In Southeast Asia, the Konbaung–Ayutthaya Wars and the Tây Sơn Wars broke out while the Dutch East India Company established increasing levels of control over the Mataram Sultanate. In Africa, the Ethiopian Empire underwent the Zemene Mesafint, a period when the country was ruled by a class of regional noblemen and the emperor was merely a figurehead. The Atlantic slave trade also saw the continued involvement of states such as the Oyo Empire. In Oceania, the European colonization of Australia and New Zealand began during the late half of the century. In the Americas, the United States declared its independence from Great Britain. In 1776, Thomas Jefferson wrote the Declaration of Independence. In 1789, George Washington was inaugurated as the first president. Benjamin Franklin traveled to Europe where he was hailed as an inventor. Examples of his inventions include the lightning rod and bifocal glasses. Túpac Amaru II led an uprising that sought to end Spanish colonial rule in Peru. For a chronological guide, see Timeline of the 18th century. See also: Georgian era Europe at the beginning of the War of the Spanish Succession, 1700 The Battle of Poltava in 1709 turned the Russian Empire into a European power. John Churchill, 1st Duke of Marlborough 1700–1721: Great Northern War between the Russian and Swedish Empires. 1701: Kingdom of Prussia declared under King Frederick I. 1701: The Battle of Feyiase marks the rise of the Ashanti Empire. 1701–1714: The War of the Spanish Succession is fought, involving most of continental Europe.[12] 1702–1715: Camisard rebellion in France. 1703: Saint Petersburg is founded by Peter the Great; it is the Russian capital until 1918. 1703–1711: The Rákóczi uprising against the Habsburg monarchy. 1704: End of Japan's Genroku period. 1704: First Javanese War of Succession.[13] 1706–1713: The War of the Spanish Succession: French troops defeated at the Battle of Ramillies and the Siege of Turin. 1707: Death of Mughal Emperor Aurangzeb leads to the fragmentation of the Mughal Empire. 1707: The Act of Union is passed, merging the Scottish and English Parliaments, thus establishing the Kingdom of Great Britain.[14] 1708: The Company of Merchants of London Trading into the East Indies and English Company Trading to the East Indies merge to form the United Company of Merchants of England Trading to the East Indies. 1708–1709: Famine kills one-third of East Prussia's population. 1709: Foundation of the Hotak Empire. 1709: The Great Frost of 1709 marks the coldest winter in 500 years, contributing to the defeat of Sweden at Poltava. 1710: The world's first copyright legislation, Britain's Statute of Anne, takes effect. 1710–1711: Ottoman Empire fights Russia in the Russo-Turkish War and regains Azov. 1711: Bukhara Khanate dissolves as local begs seize power. 1711–1715: Tuscarora War between British, Dutch, and German settlers and the Tuscarora people of North Carolina. 1713: The Kangxi Emperor acknowledges the full recovery of the Chinese economy since its apex during the Ming. 1714: In Amsterdam, Daniel Gabriel Fahrenheit invents the mercury-in-glass thermometer, which remains the most reliable and accurate thermometer until the electronic era. 1715: The first Jacobite rising breaks out; the British halt the Jacobite advance at the Battle of Sheriffmuir; Battle of Preston. 1716: Establishment of the Sikh Confederacy along the present-day India-Pakistan border. 1716–1718: Austro-Venetian-Turkish War. 1718: The city of New Orleans is founded by the French in North America. 1718–1720: War of the Quadruple Alliance with Spain versus France, Britain, Austria, and the Netherlands. 1718–1730: Tulip period of the Ottoman Empire. 1719: Second Javanese War of Succession.[15] 1720: The South Sea Bubble. 1720–1721: The Great Plague of Marseille. 1720: Qing forces oust Dzungar invaders from Tibet. 1721: The Treaty of Nystad is signed, ending the Great Northern War. 1721: Sack of Shamakhi, massacre of its Shia population by Sunni Lezgins. 1722: Siege of Isfahan results in the handover of Iran to the Hotaki Afghans. 1722–1723: Russo-Persian War. 1722–1725: Controversy over William Wood's halfpence leads to the Drapier's Letters and begins the Irish economic independence from England movement. Mughal emperor Muhammad Shah with the Persian invader Nader Shah. 1723: Slavery is abolished in Russia; Peter the Great converts household slaves into house serfs.[16] 1723–1730: The "Great Disaster", an invasion of Kazakh territories by the Dzungars. 1723–1732: The Qing and the Dzungars fight a series of wars across Qinghai, Dzungaria, and Outer Mongolia, with inconclusive results. 1724: Daniel Gabriel Fahrenheit proposes the Fahrenheit temperature scale. 1725: Austro-Spanish alliance revived. Russia joins in 1726. 1727–1729: Anglo-Spanish War ends inconclusively. 1730: Mahmud I takes over Ottoman Empire after the Patrona Halil revolt, ending the Tulip period. 1730–1760: The First Great Awakening takes place in Great Britain and North America. 1732–1734: Crimean Tatar raids into Russia.[17] 1733–1738: War of the Polish Succession. Qianlong Emperor 1735–1739: Austro-Russo-Turkish War. 1735–1799: The Qianlong Emperor of China oversees a huge expansion in territory. 1738–1756: Famine across the Sahel; half the population of Timbuktu dies.[18] 1737–1738: Hotak Empire ends after the siege of Kandahar by Nader Shah. 1739: Great Britain and Spain fight the War of Jenkins' Ear in the Caribbean. 1739: Nader Shah defeats a pan-Indian army of 300,000 at the Battle of Karnal. Taxation is stopped in Iran for three years. 1739–1740: Nader Shah's Sindh expedition. 1740: George Whitefield brings the First Great Awakening to New England 1740–1741: Famine in Ireland kills 20 percent of the population. 1741–1743: Iran invades Uzbekistan, Khwarazm, Dagestan, and Oman. 1741–1751: Maratha invasions of Bengal. 1740–1748: War of the Austrian Succession. 1742: Marvel's Mill, the first water-powered cotton mill, begins operation in England.[19] 1742: Anders Celsius proposes an inverted form of the centigrade temperature, which is later renamed Celsius in his honor. 1742: Premiere of George Frideric Handel's Messiah. 1743–1746: Another Ottoman-Persian War involves 375,000 men but ultimately ends in a stalemate. The extinction of the Scottish clan system came with the defeat of the clansmen at the Battle of Culloden in 1746.[20] 1744: The First Saudi State is founded by Mohammed Ibn Saud.[21] 1744: Battle of Toulon is fought off the coast of France. 1744–1748: The First Carnatic War is fought between the British, the French, the Marathas, and Mysore in India. 1745: Second Jacobite rising is begun by Charles Edward Stuart in Scotland. 1747: The Durrani Empire is founded by Ahmad Shah Durrani. 1748: The Treaty of Aix-La-Chapelle ends the War of the Austrian Succession and First Carnatic War. 1748–1754: The Second Carnatic War is fought between the British, the French, the Marathas, and Mysore in India. 1750: Peak of the Little Ice Age. 1752: The British Empire adopts the Gregorian Calendar, skipping 11 days from 3 September to 13 September. On the calendar, 2 September is followed directly by 14 September. 1754: The Treaty of Pondicherry ends the Second Carnatic War and recognizes Muhammed Ali Khan Wallajah as Nawab of the Carnatic. 1754: King's College is founded by a royal charter of George II of Great Britain.[22] 1754–1763: The French and Indian War, the North American chapter of the Seven Years' War, is fought in colonial North America, mostly by the French and their allies against the English and their allies. 1755: The great Lisbon earthquake destroys most of Portugal's capital and kills up to 100,000. 1755: The Dzungar genocide depopulates much of northern Xinjiang, allowing for Han, Uyghur, Khalkha Mongol, and Manchu colonization. 1755–1763: The Great Upheaval forces transfer of the French Acadian population from Nova Scotia and New Brunswick. 1756–1763: The Seven Years' War is fought among European powers in various theaters around the world. 1756–1763: The Third Carnatic War is fought between the British, the French, and Mysore in India. 1757: British conquest of Bengal. Catherine the Great, Empress of Russia. 1760: George III becomes King of Britain. 1761: Maratha Empire defeated at Battle of Panipat. 1762–1796: Reign of Catherine the Great of Russia. 1763: The Treaty of Paris ends the Seven Years' War and Third Carnatic War. 1764: Dahomey and the Oyo Empire defeat the Ashanti army at the Battle of Atakpamé. 1764: The Mughals are defeated at the Battle of Buxar. 1765: The Stamp Act is introduced into the American colonies by the British Parliament. 1765–1767: The Burmese invade Thailand and utterly destroy Attuthaya. 1765–1769: Burma under Hsinbyushin repels four invasions from Qing China, securing hegemony over the Shan states. 1766: Christian VII becomes king of Denmark. He was king of Denmark to 1808. 1766–1799: Anglo-Mysore Wars. 1767: Taksin expels Burmese invaders and reunites Thailand under an authoritarian regime. 1768–1772: War of the Bar Confederation. 1768–1774: Russo-Turkish War. 1769: Spanish missionaries establish the first of 21 missions in California. 1769–1770: James Cook explores and maps New Zealand and Australia. 1769–1773: The Bengal famine of 1770 kills one-third of the Bengal population. 1769: The French East India Company dissolves, only to be revived in 1785. 1769: French expeditions capture clove plants in Ambon, ending the Dutch East India Company's (VOC) monopoly of the plant.[23] 1770–1771: Famine in Czech lands kills hundreds of thousands. 1771: The Plague Riot in Moscow. 1771: The Kalmyk Khanate dissolves as the territory becomes colonized by Russians. More than a hundred thousand Kalmyks migrate back to Qing Dzungaria. 1772: Gustav III of Sweden stages a coup d'état, becoming almost an absolute monarch. Encyclopédie, ou dictionnaire raisonné des sciences, des arts et des métiers 1772–1779: Maratha Empire fights Britain and Raghunathrao's forces during the First Anglo-Maratha War. 1772–1795: The Partitions of Poland end the Polish–Lithuanian Commonwealth and erase Poland from the map for 123 years. 1773–1775: Pugachev's Rebellion, the largest peasant revolt in Russian history. 1773: East India Company starts operations in Bengal to smuggle opium into China. 1775: Russia imposes a reduction in autonomy on the Zaporizhian Cossacks of Ukraine. 1775–1782: First Anglo-Maratha War. 1775–1783: American Revolutionary War. 1776: Several kongsi republics are founded by Chinese settlers in the island of Borneo. They are some of the first democracies in Asia. 1776–1777: A Spanish-Portuguese War occurs over land in the South American frontiers. 1776: Illuminati founded by Adam Weishaupt. 1776: The United States Declaration of Independence is adopted by the Second Continental Congress in Philadelphia. 1776: Adam Smith publishes The Wealth of Nations. 1778: James Cook becomes the first European to land on the Hawaiian Islands. 1778: Franco-American alliance signed. 1778: Spain acquires its first permanent holding in Africa from the Portuguese, which is administered by the newly-established La Plata Viceroyalty. 1778: Vietnam is reunified for the first time in 200 years by the Tay Son brothers. The Tây Sơn dynasty has been established, terminating the Lê dynasty. 1779–1879: Xhosa Wars between British and Boer settlers and the Xhosas in the South African Republic. 1779–1783: Britain loses several islands and colonial outposts all over the world to the combined Franco-Spanish navy. 1779: Iran enters yet another period of conflict and civil war after the prosperous reign of Karim Khan Zand. 1780: Outbreak of the indigenous rebellion against Spanish colonization led by Túpac Amaru II in Peru. 1781: The city of Los Angeles is founded by Spanish settlers.George Washington 1781–1785: Serfdom is abolished in the Austrian monarchy (first step; second step in 1848). 1782: The Thonburi Kingdom of Thailand is dissolved after a palace coup. 1783: The Treaty of Paris formally ends the American Revolutionary War. 1783: Russian annexation of Crimea. 1785–1791: Imam Sheikh Mansur, a Chechen warrior and Muslim mystic, leads a coalition of Muslim Caucasian tribes from throughout the Caucasus in a holy war against Russian settlers and military bases in the Caucasus, as well as against local traditionalists, who followed the traditional customs and common law (Adat) rather than the theocratic Sharia.[24] 1785–1795: The Northwest Indian War is fought between the United States and Native Americans. 1785–1787: The Maratha–Mysore Wars concludes with an exchange of territories in the Deccan. 1786–1787: Wolfgang Amadeus Mozart premieres The Marriage of Figaro and Don Giovanni. 1787: The Tuareg occupy Timbuktu until the 19th century. 1787–1792: Russo-Turkish War. 1788: First Fleet arrives in Australia 1788–1790: Russo-Swedish War (1788–1790). 1788: Dutch Geert Adriaans Boomgaard (1788–1899) would become the first generally accepted validated case of a supercentenarian on record.[25][26] Declaration of the Rights of Man and of the Citizen 1788–1789: A Qing attempt to reinstall an exiled Vietnamese king in northern Vietnam ends in disaster. 1789: George Washington is elected the first President of the United States; he serves until 1797. 1789: Quang Trung defeats the Qing army. 1789–1799: French Revolution. 1789: The Liège Revolution. 1789: The Brabant Revolution. 1789: The Inconfidência Mineira, an unsuccessful separatist movement in central Brazil led by Tiradentes 1791: Suppression of the Liège Revolution by Austrian forces and re-establishment of the Prince-Bishopric of Liège. 1791–1795: George Vancouver explores the world during the Vancouver Expedition. 1791–1804: The Haitian Revolution. 1791: Mozart premieres The Magic Flute. 1792–1802: The French Revolutionary Wars lead into the Napoleonic Wars, which last from 1803–1815. 1792: The New York Stock & Exchange Board is founded. 1792: Polish–Russian War of 1792. 1792: Margaret Ann Neve (1792–1903) would become the first recorded female supercentenarian to reach the age of 110.[27][28] 1793: Upper Canada bans slavery. 1793: The largest yellow fever epidemic in American history kills as many as 5,000 people in Philadelphia, roughly 10% of the population.[29] 1793–1796: Revolt in the Vendée against the French Republic at the time of the Revolution. 1794–1816: The Hawkesbury and Nepean Wars, which were a series of incidents between settlers and New South Wales Corps and the Aboriginal Australian clans of the Hawkesbury river in Sydney, Australia. 1795: The Marseillaise is officially adopted as the French national anthem.Napoleon at the Bridge of the Arcole 1795: The Battle of Nuʻuanu in the final days of King Kamehameha I's wars to unify the Hawaiian Islands. 1795–1796: Iran invades and devastates Georgia, prompting Russia to intervene and march on Tehran. 1796: Edward Jenner administers the first smallpox vaccination; smallpox killed an estimated 400,000 Europeans each year during the 18th century, including five reigning monarchs.[30] 1796: War of the First Coalition: The Battle of Montenotte marks Napoleon Bonaparte's first victory as an army commander. 1796: The British eject the Dutch from Ceylon and South Africa. 1796–1804: The White Lotus Rebellion against the Manchu dynasty in China. 1797: John Adams is elected the second President of the United States; he serves until 1801. 1798: The Irish Rebellion fails to overthrow British rule in Ireland. 1798–1800: The Quasi-War is fought between the United States and France. 1799: Dutch East India Company is dissolved. 1799: Austro-Russian forces under Alexander Suvorov liberates much of Italy and Switzerland from French occupation. 1799: Coup of 18 Brumaire - Napoleon's coup d'etat brings the end of the French Revolution. 1799: Death of the Qianlong Emperor after 60 years of rule over China. His favorite official, Heshen, is ordered to commit suicide. 1800: On 1 January, the bankrupt VOC is formally dissolved and the nationalized Dutch East Indies are established.[31] Main articles: Timeline of historic inventions § 18th century, and Timeline of scientific discoveries § 18th century The spinning jenny 1709: The first piano was built by Bartolomeo Cristofori 1711: Tuning fork was invented by John Shore 1712: Steam engine invented by Thomas Newcomen 1714: Mercury thermometer by Daniel Gabriel Fahrenheit 1717: Diving bell was successfully tested by Edmond Halley, sustainable to a depth of 55 ft c. 1730: Octant navigational tool was developed by John Hadley in England, and Thomas Godfrey in America 1733: Flying shuttle invented by John Kay 1736: Europeans encountered rubber – the discovery was made by Charles Marie de La Condamine while on expedition in South America. It was named in 1770 by Joseph Priestley c. 1740: Modern steel was developed by Benjamin Huntsman 1741: Vitus Bering discovers Alaska 1745: Leyden jar invented by Ewald Georg von Kleist was the first electrical capacitor 1751: Jacques de Vaucanson perfects the first precision lathe 1752: Lightning rod invented by Benjamin Franklin 1753: The first clock to be built in the New World (North America) was invented by Benjamin Banneker. 1755: The tallest wooden Bodhisattva statue in the world is erected at Puning Temple, Chengde, China. 1764: Spinning jenny created by James Hargreaves brought on the Industrial Revolution 1765: James Watt enhances Newcomen's steam engine, allowing new steel technologies 1761: The problem of longitude was finally resolved by the fourth chronometer of John Harrison 1763: Thomas Bayes publishes first version of Bayes' theorem, paving the way for Bayesian probability 1768–1779: James Cook mapped the boundaries of the Pacific Ocean and discovered many Pacific Islands 1774: Joseph Priestley discovers "dephlogisticated air", oxygen The Chinese Putuo Zongcheng Temple of Chengde, completed in 1771, during the reign of the Qianlong Emperor. 1775: Joseph Priestley's first synthesis of "phlogisticated nitrous air", nitrous oxide, "laughing gas" 1776: First improved steam engines installed by James Watt 1776: Steamboat invented by Claude de Jouffroy 1777: Circular saw invented by Samuel Miller 1779: Photosynthesis was first discovered by Jan Ingenhousz 1781: William Herschel announces discovery of Uranus 1784: Bifocals invented by Benjamin Franklin 1784: Argand lamp invented by Aimé Argand[32] 1785: Power loom invented by Edmund Cartwright 1785: Automatic flour mill invented by Oliver Evans 1786: Threshing machine invented by Andrew Meikle 1787: Jacques Charles discovers Charles's law 1789: Antoine Lavoisier discovers the law of conservation of mass, the basis for chemistry, and begins modern chemistry 1798: Edward Jenner publishes a treatise about smallpox vaccination 1798: The Lithographic printing process invented by Alois Senefelder[33] 1799: Rosetta Stone discovered by Napoleon's troops Main articles: 18th century in literature and 18th century in philosophy 1703: The Love Suicides at Sonezaki by Chikamatsu first performed 1704–1717: One Thousand and One Nights translated into French by Antoine Galland. The work becomes immensely popular throughout Europe. 1704: A Tale of a Tub by Jonathan Swift first published 1712: The Rape of the Lock by Alexander Pope (publication of first version) 1719: Robinson Crusoe by Daniel Defoe 1725: The New Science by Giambattista Vico 1726: Gulliver's Travels by Jonathan Swift 1728: The Dunciad by Alexander Pope (publication of first version) 1744: A Little Pretty Pocket-Book becomes one of the first books marketed for children 1748: Chushingura (The Treasury of Loyal Retainers), popular Japanese puppet play, composed 1748: Clarissa; or, The History of a Young Lady by Samuel Richardson 1749: The History of Tom Jones, a Foundling by Henry Fielding 1751: Elegy Written in a Country Churchyard by Thomas Gray published 1751–1785: The French Encyclopédie 1755: A Dictionary of the English Language by Samuel Johnson 1758: Arithmetika Horvatzka by Mihalj Šilobod Bolšić 1759: Candide by Voltaire 1759: The Theory of Moral Sentiments by Adam Smith 1759–1767: Tristram Shandy by Laurence Sterne 1762: Emile: or, On Education by Jean-Jacques Rousseau 1762: The Social Contract, Or Principles of Political Right by Jean-Jacques Rousseau 1774: The Sorrows of Young Werther by Goethe first published 1776: Ugetsu Monogatari (Tales of Moonlight and Rain) by Ueda Akinari 1776: The Wealth of Nations, foundation of the modern theory of economy, was published by Adam Smith 1776–1789: The History of the Decline and Fall of the Roman Empire was published by Edward Gibbon 1779: Amazing Grace published by John Newton 1779–1782: Lives of the Most Eminent English Poets by Samuel Johnson 1781: Critique of Pure Reason by Immanuel Kant (publication of first edition) 1781: The Robbers by Friedrich Schiller first published 1782: Les Liaisons dangereuses by Pierre Choderlos de Laclos 1786: Poems, Chiefly in the Scottish Dialect by Robert Burns 1787–1788: The Federalist Papers by Alexander Hamilton, James Madison, and John Jay 1788: Critique of Practical Reason by Immanuel Kant 1789: Songs of Innocence by William Blake 1789: The Interesting Narrative of the Life of Olaudah Equiano by Olaudah Equiano 1790: Journey from St. Petersburg to Moscow by Alexander Radishchev 1790: Reflections on the Revolution in France by Edmund Burke 1791: Rights of Man by Thomas Paine 1792: A Vindication of the Rights of Woman by Mary Wollstonecraft 1794: Songs of Experience by William Blake 1798: Lyrical Ballads by William Wordsworth and Samuel Taylor Coleridge 1798: An Essay on the Principle of Population published by Thomas Malthus (mid–18th century): The Dream of the Red Chamber (authorship attributed to Cao Xueqin), one of the most famous Chinese novels 1711: Rinaldo, Handel's first opera for the London stage, premiered 1721: Brandenburg Concertos by J.S. Bach 1723: The Four Seasons, violin concertos by Antonio Vivaldi, composed 1724: St John Passion by J.S. Bach 1727: St Matthew Passion composed by J.S. Bach 1727: Zadok the Priest is composed by Handel for the coronation of George II of Great Britain. It has been performed at every subsequent British coronation. 1733: Hippolyte et Aricie, first opera by Jean-Philippe Rameau 1741: Goldberg Variations for harpsichord published by Bach 1742: Messiah, oratorio by Handel premiered in Dublin 1749: Mass in B minor by J.S. Bach assembled in current form 1751: The Art of Fugue by J.S. Bach 1762: Orfeo ed Euridice, first "reform opera" by Gluck, performed in Vienna 1786: The Marriage of Figaro, opera by Mozart 1787: Don Giovanni, opera by Mozart 1788: Jupiter Symphony (Symphony No. 41) composed by Mozart 1791: The Magic Flute, opera by Mozart 1791–1795: London symphonies by Haydn 1798: The Pathétique, piano sonata by Beethoven 1798: The Creation, oratorio by Haydn first performed ^ Volkov, Sergey. Concise History of Imperial Russia. ^ Rowe, William T. China's Last Empire. ^ Anderson, M. S. (1979). Historians and Eighteenth-Century Europe, 1715–1789. Oxford University Press. ISBN 978-0-19-822548-5. OCLC 185538307. ^ Ribeiro, Aileen (2002). Dress in Eighteenth-Century Europe 1715–1789 (revised ed.). Yale University Press. ISBN 978-0-300-09151-9. OCLC 186413657. ^ Baines, Paul (2004). The Long 18th Century. London: Arnold. ISBN 978-0-340-81372-0. ^ Marshall, P. J., ed. (2001). The Oxford History of the British Empire: Volume II: The Eighteenth Century (Oxford History of the British Empire). Oxford University Press, USA. ISBN 978-0-19-924677-9. OCLC 174866045., "Introduction" by P. J. Marshall, page 1 ^ O'Gorman, Frank (1997). The Long Eighteenth Century: British Political and Social History 1688–1832 (The Arnold History of Britain Series). A Hodder Arnold Publication. ISBN 978-0-340-56751-7. OCLC 243883533. ^ a b Chandra, Bipin. Modern India. India. ^ Campbell, John; Watts, William (1760). Memoirs of the Revolution in Bengal, anno Dom. 1757. A. Millar, London. ^ Parthasarathi, Prasannan (2011), Why Europe Grew Rich and Asia Did Not: Global Economic Divergence, 1600–1850, Cambridge University Press, p. 207, ISBN 978-1-139-49889-0 ^ Allana, Gulam (1988). Muslim political thought through the ages: 1562–1947 (2 ed.). Pennsylvania State University, Pennsylvania: Royal Book Company. p. 78. ISBN 9789694070919. Retrieved 18 January 2013. ^ "War of the Spanish Succession, 1701–1714". Historyofwar.org. Retrieved 25 April 2009. ^ Ricklefs (1991), page 82 ^ Historic uk – heritage of britain accommodation guide (3 May 2007). "The history of Scotland – The Act of Union 1707". Historic-uk.com. Archived from the original on 8 April 2009. Retrieved 25 April 2009. ^ Ricklefs (1991), page 84 ^ "Welcome to Encyclopædia Britannica's Guide to History". Britannica.com. 31 January 1910. Archived from the original on 16 April 2009. Retrieved 25 April 2009. ^ "List of Wars of the Crimean Tatars". Zum.de. Archived from the original on 12 March 2009. Retrieved 25 April 2009. ^ "Len Milich: Anthropogenic Desertification vs 'Natural' Climate Trends". Ag.arizona.edu. 10 August 1997. Archived from the original on 11 February 2012. Retrieved 25 April 2009. ^ Wadsworth, Alfred P.; Mann, Julia De Lacy (1931). The Cotton Trade and Industrial Lancashire, 1600–1780. Manchester University Press. p. 433. OCLC 2859370. ^ "A guide to Scottish clans". Unique-cottages.co.uk. Archived from the original on 11 May 2008. Retrieved 25 April 2009. ^ "Saudi Arabia – The Saud Family and Wahhabi Islam". Countrystudies.us. Retrieved 25 April 2009. ^ "History". Columbia University. ^ Ricklefs (1991), page 102 ^ "Sufism in the Caucasus". Islamicsupremecouncil.org. Archived from the original on 23 February 2009. Retrieved 25 April 2009. ^ "Table A – Verified Supercentenarians (Listed Chronologically By Birth Date)". Archived from the original on 12 July 2016. Retrieved 9 November 2016. ^ Photo Gallery for Supercentenarians born before 1850, as of May 17, 2019 ^ Balfour-Pau, Glen (20 December 2005). Bagpipes in Babylon: A Lifetime in the Arab World and Beyond. I.B.Tauris, 2006. ISBN 9781845111519. ^ "The Harvey Family". Priaulx Library. 2005. Archived from the original on 22 October 2013. ^ "Yellow Fever Attacks Philadelphia, 1793". EyeWitness to History. Archived from the original on 7 June 2007. Retrieved 22 June 2007. ^ Riedel S (2005). "Edward Jenner and the history of smallpox and vaccination". Proc (Bayl Univ Med Cent). 18 (1): 21–5. doi:10.1080/08998280.2005.11928028. PMC 1200696. PMID 16200144. ^ Ricklefs (1991), page 106 ^ Encyclopædia Britannica's Great Inventions, Encyclopædia Britannica Archived August 7, 2008, at the Wayback Machine ^ Meggs, Philip B. A History of Graphic Design. (1998) John Wiley & Sons, Inc. p 146 ISBN 978-0-471-29198-5 Black, Jeremy and Roy Porter, eds. A Dictionary of Eighteenth-Century World History (1994) 890pp Klekar, Cynthia. "Fictions of the Gift: Generosity and Obligation in Eighteenth-Century English Literature." Innovative Course Design Winner. American Society for Eighteenth-Century Studies: Wake Forest University, 2004. . Refereed. Langer, William. An Encyclopedia of World History (5th ed. 1973); highly detailed outline of events online free Morris, Richard B. and Graham W. Irwin, eds. Harper Encyclopedia of the Modern World: A Concise Reference History from 1760 to the Present (1970) online Milward, Alan S, and S. B. Saul, eds. The economic development of continental Europe: 1780–1870 (1973) online; note there are two different books with identical authors and slightly different titles. Their coverfage does not overlap. Milward, Alan S, and S. B. Saul, eds. The development of the economies of continental Europe, 1850–1914 (1977