

Ice

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flakes by Wilson Bentley, 1902 Ice is the name given to any one of the 15 known solid phases of water. In non-scientific contexts, it usually describes ice I_h , which is the most abundant of these phases. It is a crystalline solid, which can appear transparent or an opaque bluish-white color depending on the presence of impurities such as air. The addition of other materials such as soil may further alter appearance. The most common phase transition to ice I_h occurs when liquid water is cooled below 0 °C at standard atmospheric pressure. It can also deposit from a vapor with no intervening liquid phase, such as in the formation of frost. Ice appears in nature in varied forms such as hail and glaciers. It plays an important role with many meteorological phenomena. The ice caps of the polar regions are of significance for the global climate and particularly the water cycle. It has many applications.

Recent Publications on Ice:



- [Thresholds for Cenozoic bipolar glaciation.](#)
*The long-standing view of Earth's Cenozoic glacial history calls for the...*4th October, 2008
Department of Geosciences, University of Massachusetts, Amherst,- *Nature*. 2008 Oct 2;455(7213):652-6. ([DOI Direct Link](#))
- [Glaciology. Winds, not just global warming, eating away at the ice sheets.](#)
*The long-standing view of Earth's Cenozoic glacial history calls for the...*4th October, 2008
- *Science*. 2008 Oct 3;322(5898):33. ([DOI Direct Link](#))
- [Monoamine oxidase-B activity is not involved in the neuroinflammatory response elicited by a focal freeze brain injury.](#)
*Cryolesion of the frontoparietal cortex in mice is a well-described brain...*3rd October, 2008
Institut de Neurociències i Departament de Bioquímica i Biologia- *J Neurosci Res*. 2008 Oct 1. ([DOI Direct Link](#))
- [The effect of cryopreservation or heating on the mechanical properties and histomorphology of rat bone-patellar tendon-bone.](#)
*The effects of cryopreservation on tendon allograft have been reported,...*3rd October, 2008
Department of Orthopaedic Surgery, Kitasato University School of Medicine,- *Cell Tissue Bank*. 2008 Oct 1. ([DOI Direct Link](#))
- [Extraction and determination of 2-pyrazoline derivatives using liquid phase microextraction based on solidification of floating organic drop.](#)
*A simple, rapid and efficient microextraction method for the extraction...*3rd October, 2008
School of Chemistry, University of Tehran, P.O. Box 14155-6455, Tehran,- *J Pharm Biomed Anal*. 2008 Aug 20. ([DOI Direct Link](#))
- [The limits of mtDNA phylogeography: complex patterns of population history in a highly structured Iberian lizard are only revealed by the use of nuclear markers.](#)
*Abstract Phylogeographic analyses based on the sole use of the...*3rd October, 2008

- CIBIO - Centro de Investigacao em Biodiversidade e Recursos Geneticos,- Mol Ecol. 2008 Sep 30. ([DOI Direct Link](#))
- [Pup production and breeding distribution of the Caspian seal \(*Phoca caspica*\) in relation to human impacts.](#)
*Aerial surveys of Caspian seals on the winter ice field in Kazakhstan...*3rd October, 2008
Swedish Museum of Natural History,- Ambio. 2008 Jul;37(5):356-61.
 - [Affinity processing of cell-containing feeds using monolithic macroporous hydrogels, cryogels.](#)
*Monolithic macroporous hydrogels, "cryogels," are produced by...*2nd October, 2008
Department of Biotechnology, Centre for Chemistry and Chemical- Methods Mol Biol. 2008;421:247-55.
 - [Improved cryopreservation by diluted vitrification solution with supercooling-facilitating flavonol glycoside.](#)
*The effect of kaempferol-7-O-glucoside (KF7G), one of the...*1st October, 2008
National Agricultural Research Center for Hokkaido Region, Sapporo- Cryobiology. 2008 Sep 15. ([DOI Direct Link](#))
 - [Cocaine-induced agitated delirium with associated hyperthermia: A case report.](#)
*Background: "Cocaine-induced agitated delirium with associated...*1st October, 2008
R Adams Cowley Shock Trauma Center, University of Maryland Medical Center,- J Emerg Med. 2008 Sep 25. ([DOI Direct Link](#))
 - [The origin of climate changes.](#)
*Investigation on climate change is coordinated by the Intergovernmental...*30th September, 2008
Centre National de Recherche Meteorologique, Meteo-France, Paris Cedex 07,- Rev Sci Tech. 2008 Aug;27(2):309-17.
 - [\[Influence of lipids on ice formation during the freezing of cryoprotective medium\]](#)
*The influence of lipids on ice formation during the freezing of...*30th September, 2008
- Biofizika. 2008 Jul-Aug;53(4):598-601.
 - [A gas chromatography/combustion/isotope ratio mass spectrometry system for high-precision delta\(13\)C measurements of atmospheric methane extracted from ice core samples.](#)
*Past atmospheric composition can be reconstructed by the analysis of air...*27th September, 2008
Alfred Wegener Institute for Polar and Marine Research, Bremerhaven,- Rapid Commun Mass Spectrom. 2008 Sep 25;22(20):3261-3269. ([DOI Direct Link](#))
 - [A surface science approach to ultrafast electron transfer and solvation dynamics at interfaces.](#)
*Excess electrons in polar media, such as water or ice, are screened by...*27th September, 2008
Freie Universitat Berlin, Fachbereich Physik, Arnimallee 14, 14195 Berlin,- Chem Soc Rev. 2008 Oct;37(10):2180-90. Epub 2008 Aug 15. ([DOI Direct Link](#))
 - [Arctic ice shrinks less this year than last.](#)
*Excess electrons in polar media, such as water or ice, are screened by...*27th September, 2008
- Nature. 2008 Sep 25;455(7212):441. ([DOI Direct Link](#))

BioNews Results for Ice

- [ICE Arrests More Than 1,700 During Largest Ever Nationwide Gang Surge](#)
Los Angeles Chronicle: Oct 3 2008 7:04PM Matching: ice
- [Safety and feasibility of percutaneous closure of patent foramen ovale without intra-procedural echocardiogram](#)
Swiss Medical Weekly: Oct 3 2008 10:14AM Matching: ice
- [Katie Holmes gets 'dirty' in Eli Stone show](#)
Onlypunjab.com: Oct 3 2008 4:46PM Matching: ice
- [Arctic sea ice annual freeze-up underway](#)
Genetic Engineering News: Oct 3 2008 2:32PM Matching: ice

- [Tainted candy found in Connecticut stores](#)
Rutland Herald: Oct 2 2008 11:26AM Matching: ice
- [LEWISTON: State officials discuss cancer study](#)
Niagara Gazette: Sep 30 2008 8:50AM Matching: ice
- [Susan-G-Komen-for-the-Cure-Awards-1-Million-for-Creation-of-Illinois-Breast-Cancer-Quality-Consortium](#)
MedIndia: Sep 27 2008 6:03PM Matching: ice
- [Mayo Clinic Celebrates Heritage Days, Sept. 29–Oct. 3, 2008](#)
Mayo Clinic College of Medicine: Sep 26 2008 12:27AM Matching: ice
- [Mayo Clinic to Premiere New Documentary About the Mayo Brothers Narrated by Garrison Keillor](#)
Mayo Clinic College of Medicine: Sep 25 2008 1:42PM Matching: ice
- [Mayo Clinic Celebrates Heritage Days, Sept. 29–Oct. 3, 2008](#)
Mayo Clinic College of Medicine: Sep 25 2008 1:42PM Matching: ice
- [Milestones: Ice-hockey game nets GBP30,000 for Sheffield's cancer hospital](#)
Yorkshire Post: Sep 24 2008 2:11AM Matching: ice
- [Researchers find animal with ability to survive climate change](#)
Genetic Engineering News: Sep 24 2008 5:55AM Matching: ice
- [Sub-analysis of phase III suggests long-term therapy may improve physical and social functioning in CIDP patie](#)
Checkbiotech: Sep 23 2008 6:15PM Matching: ice
- [DNA indicates humans in N. America 14,300 years ago](#)
Boston Globe: Sep 21 2008 7:55AM Matching: ice
- [Fleming to host cancer benefits in Ohio, Ill., SD](#)
WFMJ 21 - TV: Sep 20 2008 5:18AM Matching: ice

Ice Clinical Trials:



- [A Randomized Phase IIb Placebo-Controlled Study of R-ICE Chemotherapy With and Without SGN-40 for Second-Line Treatment of Patients With DLBCL](#)
Lymphoma, Non Hodgkin; Lymphoma, B-Cell; Lymphoma, Diffuse

Ice Patents:



- 7429587- [Pyrrolidine derivatives as factor Xa inhibitors](#)
- 7429607- [5-HT.sub.2B receptor antagonists](#)
- 7429608- [Benzo\[d\]imidazol analogs as vanilloid receptor ligands and their use in treatments](#)
- 7429609- [Pyrazole compound and medicinal composition containing the same](#)
- 7429611- [Indole inhibitors of 15-lipoxygenase](#)

- 7429612- [Indoline compound and medicinal use thereof](#)
- 7429617- [Phenoxyalkylcarboxylic acid derivatives in the treatment of interstitial cystitis](#)
- 7429618- [Potassium channel modulators](#)
- 7429622- [Active ray curable ink-jet composition, image forming method using the same, ink-jet recording apparatus, and triarylsulfonium salt compound](#)
- 7429628- [Method of making a thermoplastic composition containing an antistatic agent](#)
- 7429640- [PRO6181 polypeptides](#)
- 7429605- [Phenylpyridine derivatives](#)
- 7429604- [Six-membered heterocycles useful as serine protease inhibitors](#)
- 7429591- [Substituted pyrazoles](#)
- 7429593- [Utilities of amide compounds](#)
- 7429594- [Substituted heterocyclic compounds and methods of use](#)
- 7429595- [Acyl and sulfonyl derivatives of 6,9-disubstituted 2-\(trans-1,4-diaminocyclohexyl\)-purines and their use as antiproliferative agents](#)
- 7429596- [1H-pyrrolo \[2,3-D\] pyrimidine derivatives and methods of use thereof](#)
- 7429597- [Substituted nitrogen-containing heterobicycles, the preparation thereof and their use as pharmaceutical compositions](#)
- 7429598- [Spirocondensed quinazolinones and their use as phosphodiesterase inhibitors](#)
- 7429599- [Methods for treating or preventing an inflammatory or metabolic condition or inhibiting JNK](#)
- 7429600- [Fluorencarboxylic acid esters, process for the manufacture thereof, and use thereof as medicaments](#)
- 7429601- [Esters of hydroxyl-substituted nitrogen heterocycles, processes for the preparation thereof as well as the use thereof as pharmaceutical compositions](#)
- 7429641- [PRO9830 polypeptides](#)
- 7429643- [POSH nucleic acids, polypeptides and related methods](#)
- 7429644- [Humanized anti-LT-beta-R antibodies](#)
- 7429672- [Process for the direct synthesis of trialkoxysilane](#)
- 7429675- [Process for the preparation of racemic 2-\(\[2-\(4-hydroxyphenyl\)ethyl\]thio\)-3-\[4-\(2-{4-\[\(methylsulfonyl\)oxy\]phenoxy}ethyl\)phenyl\]-propanoic acid](#)
- 7429680- [Synthesis of sterically hindered secondary aminoether alcohols](#)
- 7429681- [Combretastatin analogs with tubulin binding activity](#)
- 7429690- [Transgenic bovines having reduced prion protein production](#)
- 7429896- [Frequency stability measuring apparatus](#)
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- 7429646- [Antibodies to human tumor necrosis factor receptor-like 2](#)
- 7429647- [Polypeptides capable of forming antigen binding structures with specificity for the Rhesus D antigens, the DNA encoding them and the process for their preparation and use](#)
- 7429648- [IREN protein, its preparation and use](#)
- 7429650- [Methods and compositions in breast cancer diagnosis and therapeutics](#)
- 7429651- [Fluorescent nucleobase conjugates having anionic linkers](#)
- 7429652- [Compositions and methods for generating chimeric heteromultimers](#)
- 7429655- [Method for determining a concentration of target nucleic acid molecules, nucleic acid probes for the method and method for analyzing data obtained by the method](#)
- 7429658- [Synthesis of protected pyrrolobenzodiazepines](#)
- 7429660- [ATM inhibitors](#)
- 7429664- [Indazoles, benzothiazoles, and benzoisothiazoles, and preparation and uses thereof](#)
- 7430583- [Active control of collaborative devices](#)

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