

The Boston Globe The Boston Globe Ontap

FILE DESCRIPTION

The Boston Globe database contains the full text of all staff-written news stories, features, columns, and editorials published in *The Boston Globe*, the largest source of information from the Northeast. The *Globe* is a general circulation newspaper providing local, national, and international news coverage. The *Globe* offers reports on national and international issues in its national/foreign section. On a more local level, topics covered include politics, business, science and technology, real estate, the arts, entertainment, and sports. Special emphasis is given to area politics, high technology, and local environmental issues. *The Boston Globe* focuses much of its attention on the numerous high-tech companies in Boston and its vicinity, including Polaroid Corp., John Hancock Financial Services, Digital Equipment Corp., Wang Laboratories, and Fidelity Investments. ONTAP#226; Boston Globe, File 802, is available for ONline Training And Practice, and contains records from January through March, 1990.

SUBJECT COVERAGE

- Arts & Entertainment
- Business
- Columns
- Editorials
- Features
- Full Text News Stories
- Leisure
- Letters to the Editor
- Sports
- Wire Stories

TIPS

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S AU=(JOAN(1N)JACKSON)

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S TERMS/TI,LP,DE

DIALOG FILE DATA

Inclusive Dates:

January 1980 to the present (File 631)

January 1990 to March 1990 (File 802)

Update Frequency: Closed (File 802)

Daily (File 631)

File Size:

1,569,486 records as of July 2008 (File 631)

13,000 records (File 802)

CONTACT

Each newspaper is provided by the individual newspaper publisher. Questions concerning file content should be directed to:

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08816034
MARS MISSIONS WILL EXPLORE LIFE PROSPECT
Boston Globe (BG) - MONDAY, November 11, 1996
By: David L. Chandler, Globe staff
Edition: Third Section: Health and Science Page: A11
Word Count: 556

/TI
JN=, JC=, PD=, PY=
AU=
ED=, /SH, SH=, PG=

MEMO:
/ME STUDENT NEWSLINE

TEXT:
/LP, /TX It's been 20 years since any spacecraft successfully reached the planet Mars, but that's all about to change. One US rocket took off last week and two more -- one Russian and one American -- are to be launched in the next month to begin a whole new wave of exploration of the most Earth-like other planet in the solar system.

It's just a coincidence, but luckily this sudden renewal of efforts to explore Mars is happening just at a time when people are more interested in Mars than ever: Last August, a team of scientists said they had found evidence of ancient Mars life inside a rock that came to Earth from Mars.

/TX The signs of life they found were just microbes, like bacteria on Earth. But scientists say finding any kind of life at all on another planet, even if it went extinct long ago, would be one of the greatest discoveries in history.

Less than two weeks ago, another team in England reported that they had found new evidence to support the American team's conclusions, and that they also saw signs of past life inside a more recent rock from Mars -- one that formed 175 million years ago, as opposed to the 4.5 million year age of the earlier find.

Nobody doubts that the rocks really came from Mars. Tiny bubbles of air trapped inside exactly match the air on Mars. Scientists know that because of detailed information about Mars' air that was sent back from two spacecraft called Viking that landed on Mars in 1976. The rocks must have been blasted to Earth when a huge asteroid or comet hit Mars long ago.

Many scientists are still not quite convinced about the evidence for life in those rocks. But some experiments that will be sent to Mars in the new round of exploration might help to answer some of the remaining questions.

For example, one experiment that Viking did on Mars 20 years ago produced results that some scientists believe indicated that there are still living microbes on Mars today. One experiment that will arrive on Mars next year will attempt to find an explanation for those old Viking results. It could possibly find the long-awaited proof that there is life today on another world -- something humans have been wondering about for thousands of years.

But many scientists think the best place to look for life on Mars is down below the surface, where underground pools or lakes could provide a safe, warm environment for living creatures. Unfortunately, none of the missions planned so far includes a way of drilling more than a few feet below the surface.

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CAPTION:
/SF=, /CP, /TX PHOTO
The Delta 2 rocket is launched to Mars on Thursday. Next month, another US rocket is scheduled to head for Mars. Its goal is to put the Mars Pathfinder (right) and its small robotic vehicle, Sojourner (below), on the planet's surface.

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/DE DESCRIPTORS: US SPACE; RESEARCH;

SEARCH OPTIONS

BASIC INDEX

SEARCH SUFFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
—	—	All Basic Index Fields	Word	S EXPLOR?(2N)LIFE
/CP	CP	Caption ³	Word	S ROBOTIC(W)VEHICLE?/CP
/DE	DE	Descriptor ¹	Word & Phrase	S MICROSOFT(1N)CORP?/DE S MICROSOFT CORP?/DE
/LP	LP	Lead Paragraph ³	Word	S SOLAR(W)SYSTEM/LP
/ME	ME	Memo ³	Word	S WIRETAP/ ME
/SH	SH	Section Heading ²	Word	S SCIENCE/SH
/TI	TI	Headline	Word	S MARS(2N)MISSION?/TI
/TX	TX	Text	Word	S MARS(10N)EXPLOR?/TX

¹ Not available in all PAPERS files.

³ Also searchable using /TX.

² Searchable in the Basic Index and in the Additional Indexes.

ADDITIONAL INDEXES

SEARCH PREFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
—	AN	DIALOG Accession Number		
AU=	AU	Byline	Word	S AU=(DAVID(1N)CHANDLER)
DL=	DL	Dateline	Phrase	S DL=WASHINGTON
DY=	DY	Publication Day ¹	Phrase	S DY=FRIDAY
ED=	ED	Edition	Phrase	S ED=THIRD
JC=	JC	Newspaper Code ⁴	Phrase	S JC=BG
JN=	JN	Newspaper Name	Phrase	S JN=BOSTON GLOBE
MO=	MO	Publication Month ¹	Phrase	S MO=NOVEMBER
PD=	PD	Publication Date	Phrase	S PD=19961111
PG=	PG	Page Number	Phrase	S PG=A11
PY=	PY	Publication Year	Phrase	S PY=1996
RG=	RG	U.S. Region ⁵	Phrase	S RG=WEST
SF=	SF	Special Feature ^{1,6}	Phrase	S SF=PHOTO
SH=	SH	Section Heading ²	Phrase	S SH=HEALTH?
—	SO	Source Information ⁷		
ST=	ST	Newspaper State	Phrase	S ST=MA
UD=	—	Update	Phrase	S UD=9999
—	WD	Word Count		

⁴ Newspaper code is also shown following the newspaper name in the Source Information field.

⁵ Regions are: NORTHEAST, SOUTHEAST, CENTRAL, and WEST. Region does not display in predefined formats.

⁶ Special Feature may indicate the presence of PHOTO, GRAPH, DRAWING, CHART, TABLE, DIAGRAM, and/or MAP in the original article, not necessarily online.

⁷ Includes Newspaper Name, Publication Date, Edition, Section Heading, and Page Number.

Files 631,802
SPECIAL FEATURES

The Boston Globe

For command descriptions, enter HELP LIMIT, HELP SORT, HELP RANK, HELP DUP, HELP CURRENT online.

LIMIT	/LONG -- Word Count of 1,000 words or more /SHORT -- Word Count of less than 1,000 words /YYYY -- Publication Year	S S8/LONG S S9/SHORT S S2/2002
SORT	JN, PD, TI	SORT S13/ALL/TI PRINT S5/5/1-24/TI
RANK	All phrase- and numeric-indexed fields in the Additional Indexes can be ranked.	RANK PY S3
RD, ID	Remove duplicates (RD) or identify duplicates (ID,IDO).	RD S5
CURRENT	Search only the most recent year plus one (CURRENT1) to five (CURRENT5) years.	B 631 CURRENT2

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1	--	DIALOG Accession Number
2	--	Full Record except Text
3	Medium	Bibliographic Citation and Word Count
4	--	Bibliographic Citation, Lead Paragraph, and Word Count ¹
5	--	Bibliographic Citation, Indexing, Lead Paragraph, and Word Count
6	Short	Title, Publication Date, and Word Count
7	Long	Bibliographic Citation and Text
8	Free	Title, Indexing, and Word Count
9	Full	Full Record
K	--	KWIC (Key Word In Context) displays a window of text; may be used alone or with other formats

OTHER OUTPUT OPTIONS

For an explanation, enter HELP TYPE, HELP UDF, HELP TAG online.

USER DEFINED FORMATS	User-defined formats can be specified using the display codes indicated in the Search Options tables.	TYPE S3/TI,PD/1-5
TAG	TAG can be used for tagged fields.	TYPE S2/3/1-5 TAG
DIRECT RECORD ACCESS	DIALOG Accession Number	TYPE 05805028/5 PRINT 00301964/9

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