

St. Paul Pioneer Press

FILE DESCRIPTION

The *Saint Paul Pioneer Press* is a general circulation newspaper published in the state capital of Minnesota. With a newsroom staff of more than 210, the newspaper's historic strength is in government and political reporting. Important companies located in the Twin Cities area include 3M, Cargill, Control Data Corporation, Dayton-Hudson, General Mills, Honeywell, and Pillsbury. File coverage begins with April, 1988.

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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B PAPERSCA CURRENT

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S AU=(JOAN(1N)JACKSON)

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to narrow search to particular topics.

S TERMS/TI,LP,DE

DIALOG FILE DATA

Inclusive Dates: April 1988 to the present

Update Frequency: Daily

File Size: 712,315 records as of July 2008

CONTACT

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

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SAMPLE RECORD

13410027

/TI

INTERNATIONAL EXPLORATION BLASTS OFF FOR MARS SEARCH FOR WATER, SIGNS OF LIFE IS JOINT MISSION'S GOAL

JN=, JC=, PD=, PY=

St. Paul Pioneer Press (ST) - Tuesday, November 5, 1996

AU=

By: David L. Chandler, Boston Globe

ED=, /SH, SH=, PG=

Edition: Metro Final Section: Main Page: 1A

Word Count: 931

TEXT:

/LP, /TX

At 11 minutes past noon Wednesday, if all goes well, a Delta 2 rocket will blast off from Cape Canaveral, the first of a battery of exploratory missions to the bitterly cold, bone-dry - and possibly life-bearing - planet Mars .

Ten days later, a Russian spacecraft bound for the red planet will lift off from Baikonur Cosmodrome in Kazakhstan. Two weeks after that, another U.S. rocket will take off, launching a craft designed to land on Mars , then send out a small robotic vehicle to prowl the nearby landscape. After a hiatus of more than two decades, the exploration of our neighboring planet is about to resume in earnest: Over 10 years, the United States, Russia and Japan together hope to dispatch no fewer than a dozen spacecraft to scour the Martian terrain and probe beneath its ruddy surface.

/TX

``There are three primary goals for this wave of exploration,'' said Wesley Huntress, head of space science for the National Aeronautics and Space Administration. ``First, the search for life, past or present. Second, a search for evidence of liquid water. And third, a search for resources that could be used to support a sustained human presence. The common thread is water.''

The first rocket will carry the Mars Global Surveyor, a probe that will swing into Martian orbit next August and begin mapping the surface in unprecedented detail, a job that will take two years.

The Mars Pathfinder, programmed for a more direct route, will set out next month. It is scheduled to make a bouncy landing July 4, protected from the force of impact by 24 huge air bags. After coming to a rest, the four-sided craft will unfold like the petals of a flower, exposing solar panels, cameras and other instruments.

After checking out its surroundings, it will dispatch a robotic vehicle about the size of a carry-on suitcase to explore the landing site area near the outflow of an ancient river. That location, scientists hope, will yield rocks carried downstream from several areas, providing one-stop shopping for a variety of Martian geology.

Russia's first probe, Mars 96, is to be launched Nov. 16 and should reach the planet next September. Once it goes into orbit around Mars , it will separate into five parts: An orbiter to map the surface, two landers

(. . .)

To learn more, try these Web sites:

Mars :

<http://www.jpl.nasa.gov:80/mars/>

<http://quest.arc.nasa.gov/mars/>

<http://www.iki.rssi.ru/mars96/mars96hp.html>

<http://www.reston.com/astro/mars/catalog.html>

Other planets:

<http://www.empire.net/whatmoug/Extras;ar/extrasolar-visions.html>

<http://cannon.sfsu.edu/williams/planetsearch/planetsearch.html>

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/DE

DESCRIPTORS: RESEARCH; SPACE

SEARCH OPTIONS

BASIC INDEX

SEARCH SUFFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
—	—	All Basic Index Fields	Word	S MARTIAN(W)TERRAIN
/CP	CP	Caption ³	Word	S PHOTOS/CP
/DE	DE	Descriptor ¹	Word & Phrase	S MICROSOFT(1N)CORP?/DE S MICROSOFT CORP?/DE
/LP	LP	Lead Paragraph ³	Word	S CAPE(W)CANAVERAL/LP
/ME	ME	Memo ³	Word	S WIRETAP/ ME
/SH	SH	Section Heading ²	Word	S MAIN/SH
/TI	TI	Headline	Word	S MARS(S)LIFE/TI
/TX	TX	Text	Word	S MARS(W)PATHFINDER/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=TUESDAY
ED=	ED	Edition	Phrase	S ED=METRO FINAL
JC=	JC	Newspaper Code ⁴	Phrase	S JC=ST
JN=	JN	Newspaper Name	Phrase	S JN=ST. PAUL PIONEER PRESS
MO=	MO	Publication Month ¹	Phrase	S MO=NOVEMBER
PD=	PD	Publication Date	Phrase	S PD=19961105
PG=	PG	Page Number	Phrase	S PG=1A
PY=	PY	Publication Year	Phrase	S PY=1996
RG=	RG	U.S. Region ⁵	Phrase	S RG=CENTRAL
SF=	SF	Special Feature ^{1,6}	Phrase	S SF=PHOTO
SH=	SH	Section Heading ²	Phrase	S SH=BUSINESS
—	SO	Source Information ⁷		
ST=	ST	Newspaper State	Phrase	S ST=MN
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.

SPECIAL FEATURES

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 701 CURRENT2

PREDEFINED FORMAT OPTIONS

NO.	DIALOGWEB FORMAT	RECORD CONTENT
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

FOR ONLINE HELP:

See HELP FIELDS 701 for searchable fields; HELP FORMAT 701 for output formats; HELP LIMIT 701 for limits; HELP RATES 701 for cost information; HELP SORT 701 for sorts.