

## San Francisco Chronicle

### FILE DESCRIPTION

The *San Francisco Chronicle* is the largest circulation newspaper in Northern California, and the second largest metropolitan newspaper west of the Mississippi. The San Francisco Bay Area is a major center for corporate headquarters, government agencies, and Pacific-Rim trade. Companies located in the San Francisco area include Bank of America, Charles Schwab Corp., Chevron, Clorox, Bechtel Group, Levi Strauss, Pacific Gas & Electric, Transamerica, and Wells Fargo Bank. Major universities located in the San Francisco area include Stanford University, UC Berkeley, and UC San Francisco. The *Chronicle* also provides extensive coverage of local finance, education, recreation, arts and entertainment, sports, health care and community issues, as well as national and international news. The *Chronicle* provides comprehensive coverage of the computer, semiconductor, biotechnology, robotics, and other high-technology industries in the San Francisco Bay area, including Silicon Valley.

### SUBJECT COVERAGE

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

### TIPS

#### USE PAPERS or PAPERSNU FILES

to find the complete text of local, national, and international news articles from more than 100 U.S. newspapers.

#### USE PAPERSUS IN DIALINDEX

to scan the entire collection of U.S. fulltext newspaper databases.

B 411

SF PAPERSUS

#### USE CURRENT

to limit your search to the most recent 1 to 2 years of data.

B PAPERSCA CURRENT

S TURNOVER OR SALES

#### USE AU=

to retrieve articles written by particular authors.

S AU=(JOAN(1N)JACKSON)

#### USE TI,LP,DE FIELDS

to narrow search to particular topics.

S TERMS/TI,LP,DE

### DIALOG FILE DATA

Inclusive Dates: January 1988 to the present

Update Frequency: Daily

File Size: 744,704 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

08834021
A NEW WAVE OF MARS EXPLORATION
San Francisco Chronicle (SF) - FRIDAY, November 29, 1996
By: David Perlman, Chronicle Science Editor
Edition: FINAL Section: News Page: A1
Word Count: 2,393

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

/ME MEMO:
SPECIAL REPORT: MARTIAN CHRONICLES, RELATED STORY, RELATED STORY ATTACHED

/LP, /TX TEXT:
A bold new era of Mars exploration -- sparked by evidence that life may have flourished there eons ago -- is opening with a fleet of advanced American spacecraft bound for the legendary Red Planet.

Two robot ships from the U.S. have been loaded with the most sophisticated instruments ever devised -- and the first, launched three weeks ago, is already speeding through interplanetary space 3.8 million miles from Earth. The next is set for launch Monday, and as many as eight more will follow over the coming decade.

/TX If all goes well, the first of the new endeavors will map the planet in greater detail than ever before during its three-year orbital mission. And the next is designed to land a remarkable miniature vehicle to prow the Martian surface under radio control from Earth-bound scientists and analyze the chemistry of its rock-studded terrain.

More flights will follow -- and as a climax to the decade, an ambitious landing mission will carry its own returning spacecraft, which will grab samples of the rocky Martian surface and fly them back to Earth.

Planners at the National Aeronautics and Space Administration hope all those missions will then pave the way for the most ambitious project of all -- one far more difficult than the historic Apollo moon landings: NASA's road map includes the first human expedition to Mars, which could be ready for launch as early as 2012.

'There are three primary goals for this wave of exploration,' said Wesley J. Huntress Jr., NASA's chief of space science, at a recent conference of Mars scientists at the Ames Research Center in Mountain View: '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.'

Missions to land on Mars, to return Martian samples and even to send human expeditions there have been the goal of space scientists for decades, and they have been meticulously planned and designed since the first American spacecraft orbited the planet and photographed its surface in 1964.

Only 20 years ago, two American Viking spacecraft made the first historic landings on Mars, but their analytic instruments detected no trace of life in the tiny soil samples the ships scooped up from inches beneath the planet's red sands.

(...)

For more information, contact the Planetary Society at (818) 793-1675. For online information, look for the web site from the Center for Mars Exploration at the NASA Ames Research Center at http://cmex-www.arc.nasa.gov/

and one from the Jet Propulsion Laboratory at http://www.jpl.nasa.gov/mars/

CHRONICLE GRAPHIC

SF=, /CP, /TX CAPTION:
GRAPHIC

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/DE DESCRIPTORS: MARS; SPACE; ASTRONOMY; RESEARCH; PROFILE; VEHICLES; PLANETS; TECHNOLOGY; NASA; U.S. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION; GLOBAL SURVEYOR; PATHFINDER

SEARCH OPTIONS

BASIC INDEX

SEARCH SUFFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
—	—	All Basic Index Fields	Word	S RED(W)PLANET
/CP	CP	Caption <sup>3</sup>	Word	S GRAPHIC/CP
/DE	DE	Descriptor <sup>1</sup>	Word & Phrase	S SPACE/DE S GLOBAL SURVEYOR?/DE
/LP	LP	Lead Paragraph <sup>3</sup>	Word	S MARS(2N)EXPLOR?/LP
/ME	ME	Memo <sup>3</sup>	Word	S MARTIAN(W)CHRONICLES/ ME
/SH	SH	Section Heading <sup>2</sup>	Word	S NEWS/SH
/TI	TI	Headline	Word	S MARS(5N)EXPLOR?/TI
/TX	TX	Text	Word	S INTERPLANETARY(W)SPACE/TX

<sup>1</sup> Not available in all PAPERS files.

<sup>3</sup> Also searchable using /TX.

<sup>2</sup> 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)PERLMAN)
DL=	DL	Dateline	Phrase	S DL=WASHINGTON
DY=	DY	Publication Day <sup>1</sup>	Phrase	S DY=FRIDAY
ED=	ED	Edition	Phrase	S ED=FINAL
JC=	JC	Newspaper Code <sup>4</sup>	Phrase	S JC=SF
JN=	JN	Newspaper Name	Phrase	S JN=SAN FRANCISCO CHRONICLE?
MO=	MO	Publication Month <sup>1</sup>	Phrase	S MO=NOVEMBER
PD=	PD	Publication Date	Phrase	S PD=19961129
PG=	PG	Page Number	Phrase	S PG=A1
PY=	PY	Publication Year	Phrase	S PY=1996
RG=	RG	U.S. Region <sup>5</sup>	Phrase	S RG=WEST
SF=	SF	Special Feature <sup>1,6</sup>	Phrase	S SF=PHOTO
SH=	SH	Section Heading <sup>2</sup>	Phrase	S SH=NEWS
—	SO	Source Information <sup>7</sup>		
ST=	ST	Newspaper State	Phrase	S ST=CA
UD=	—	Update	Phrase	S UD=9999
—	WD	Word Count		

<sup>4</sup> Newspaper code is also shown following the newspaper name in the Source Information field.

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

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

<sup>7</sup> 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.

<b>LIMIT</b>	/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
<b>SORT</b>	JN, PD, TI	SORT S13/ALL/TI PRINT S5/5/1-24/TI
<b>RANK</b>	All phrase- and numeric-indexed fields in the Additional Indexes can be ranked.	RANK PY S3
<b>RD, ID</b>	Remove duplicates (RD) or identify duplicates (ID,IDO).	RD S5
<b>CURRENT</b>	Search only the most recent year plus one (CURRENT1) to five (CURRENT5) years.	B 640 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 <sup>1</sup>
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.

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

**FOR ONLINE HELP:**

See HELP FIELDS 640 for searchable fields; HELP FORMAT 640 for output formats; HELP LIMIT 640 for limits; HELP RATES 640 for cost information; HELP SORT 640 for sorts.