

(Phoenix) The Arizona Republic/The Phoenix Gazette

FILE DESCRIPTION

File 492 includes *The Arizona Republic*, a daily morning newspaper covering the entire state of Arizona, as well as local, national and international news; *The Phoenix Gazette*, an afternoon, Monday-through-Saturday newspaper focusing on metropolitan Phoenix, Maricopa County, and the state; and *The Arizona Business Gazette*, published Monday, covering legal and business news. The file is an excellent source of information on Arizona's phenomenal growth and focuses on real estate, the development of industry, and the challenges of providing water and power to desert cities. Important companies located in the Phoenix area include America West Airlines; Best Western International, Inc.; McDonnell Douglas Helicopters; and Paragon Hotels. **THE PHOENIX GAZETTE HAS CEASED PUBLICATION AND IS NO LONGER BEING UPDATED ON DIALOG. THE ARIZONA REPUBLIC AND THE ARIZONA BUSINESS GAZETTE CONTINUE TO BE UPDATED.**

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: (AR) 4/86-1/2002
(AB) 4/86-1/2002
(AZ) 4/86-present
(PG) 4/86-1/97

Update Frequency: Closed

File Size: 1,520,997 records as of January 2002

CONTACT

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**File 492 (Phoenix) The Arizona Republic/The Phoenix Gazette
SAMPLE RECORD**

08810105
MARS INVASION COUNTING DOWN 12 CRAFT TO GO IN 10 YEARS
Arizona Republic (AR) - Tuesday, November 5, 1996
By: David L. Chandler, Boston Globe
Edition: Final Chaser Section: Front Page: A1
Word Count: 898

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

/LP, /TX

TEXT:
At 10:11 a.m. Wednesday, if all goes well, a Delta II rocket will blast off from Cape Canaveral, Fla., 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 is to lift off from Baikonur Cosmodrome in Kazakstan. About two weeks after that, another American rocket is to take off, launching a craft designed to land on Mars and send out a robotic vehicle to prowl the nearby landscape.

/TX

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 combined hope to dispatch no fewer than a dozen spacecraft to scour the Martian terrain and probe beneath its surface.

"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 in 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, is to set out in December. 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 is to unfold like the petals of a flower, exposing solar panels, cameras and other instruments.

After checking out its surroundings, it is to dispatch a robotic vehicle, about the size of a carry-on suitcase, to explore the nearby 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 in September. Once it goes into orbit around Mars, it will separate into five parts: An orbiter to map the surface, two landers to study the surface conditions in two locations, and two dart-shaped devices to probe conditions a few feet below the surface.

Thus, by late next year, eight machines are scheduled to be hard at work to expand our knowledge of Mars - a neighbor suddenly more fascinating than ever.

The interest has intensified after an announcement in August of the discovery of what may be the fossil remains of microbes in a Martian rock - making it the only other place in the universe for which there is some direct evidence, albeit inconclusive, of life, at least in the past.

Over 10 years, the planned flotilla will consist of nine U.S. spacecraft, two or more from Russia and one Japanese probe to study Mars' upper atmosphere.

(...)

/CP

CAPTION:
THE SEARCH FOR LIFE ON MARS
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/DE

DESCRIPTORS: SPACE; SCIENCE

SEARCH OPTIONS

BASIC INDEX

SEARCH SUFFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
—	—	All Basic Index Fields	Word	S CAPE (10N) CANAVERAL
/CP	CP	Caption ³	Word	S LIFE(2W)MARS/CP
/DE	DE	Descriptor ¹	Word & Phrase	S SPACE/DE S MICROSOFT CORP?/DE
/LP	LP	Lead Paragraph ³	Word	S DELTA(2N)ROCKET/LP
/ME	ME	Memo ³	Word	S WIRETAP/ ME
/SH	SH	Section Heading ²	Word	S FINAL/SH
/TI	TI	Headline	Word	S MARS(5N)INVASION/TI
/TX	TX	Text	Word	S RED(W)PLANET/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=FINAL?
JC=	JC	Newspaper Code ⁴	Phrase	S JC=AR
JN=	JN	Newspaper Name	Phrase	S JN=ARIZONA REPUBLIC?
MO=	MO	Publication Month ¹	Phrase	S MO=NOVEMBER
PD=	PD	Publication Date	Phrase	S PD=19961105
PG=	PG	Page Number	Phrase	S PG=A1
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=FRONT
—	SO	Source Information ⁷		
ST=	ST	Newspaper State	Phrase	S ST=AZ
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.

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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 492 CURRENT2

PREDEFINED FORMAT OPTIONS

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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

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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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See HELP FIELDS 492 for searchable fields; HELP FORMAT 492 for output formats; HELP LIMIT 492 for limits; HELP RATES 492 for cost information; HELP SORT 492 for sorts.