



INDEX MAP SHOWING SOURCES OF DATA. THE DIRECTION, ALTITUDE, AND SPACING OF FLIGHT LINES ARE LISTED BELOW

A North-South, 1,000 feet above ground, 1 mile—Zietz and others 1979	CC East-West, 500 feet above ground, ½ mile—Henderson and Gilbert 1966
B North-South, 5,000 feet above ground, 1 mile—Zietz and others 1979	DD East-West, 500 feet above ground, 1 mile—U.S.G.S. 1977a
C North-South, 1,000 feet above ground, 4 mile—Zietz and others 1979	EE East-West, 500 feet above ground, ½ mile—Bates and Bell 1965
D North-South, 500 feet above ground, ½ mile—Zietz and others 1979	FF East-West, 500 feet above ground, 1 mile—U.S.G.S. 1978a
E North-South, 1,000 feet above ground, ½ mile—Zietz and others 1979	GG East-West, 500 feet above ground, 1 mile—U.S.G.S. 1977h
F NW-SE, 1,000 feet above ground, 1 mile—Zietz and others 1979	HH East-West, 400 feet above ground, 3 mile—LKB Resources Inc. 1978
G East-West, 500 feet above ground, 1 mile—Zietz and others 1979	II East-West, 500 feet above ground, 2 mile—U.S.G.S. 1979b
H East-West, 500 feet above ground, ½ mile—Zietz and others 1979	JJ East-West, 500 feet above ground, 1 mile—U.S.G.S. 1979a
I NW-SE, 500 feet above ground, ½ mile—Zietz and others 1979	KK NW-SE, 500 feet above ground, 1 mile—U.S.G.S. 1977b
J East-West, 400 feet above ground, ½ mile—Zietz and others 1979	LL NW-SE, 500 feet above ground, 1 mile—Philbin and others 1964
K East-West, 1,200 feet barometric, 1 mile—Zietz and others 1979	MM East-West, 500 feet above ground, 1 mile—U.S.G.S. 1978e
L East-West, 1,000 feet barometric, 1 mile—Zietz and others 1979	NN NW-SE, 500 feet above ground, 1 mile—U.S.G.S. 1977b
M NW-SE, 5,000 feet barometric, ½ mile—Zietz and others 1977	OO NW-SE, 500 feet above ground, 1 mile—U.S.G.S. 1973c
N NW-SE, 5,000 feet barometric, 3 mile—Zietz and others 1977	PP North-South, 500 feet above ground, 1 mile—U.S.G.S. 1977d
O East-West, 500 feet above ground, ½ mile—Zietz and others 1977	QQ North-South, 500 feet above ground, 1 mile—Neathery and others 1976
P East-West, 500 feet above ground, 1 mile—Zietz and others 1977	RR NW-SE, 500 feet above ground, 1 mile—Petty and others 1965
Q East-West, 500 feet above ground, ½ mile—Zietz and others 1977	SS East-West, 400 feet above ground, ½ mile—U.S.G.S. 1970
R East-West, 500 feet above ground, 2 mile—Zietz and others 1977	TT East-West, 500 feet above ground, 1 mile—U.S.G.S. 1976b
S East-West, 400 feet above ground, ½ mile—U.S.G.S. 1971 a, b, c, d, e	UU North-South, 500 feet above ground, 1 mile—U.S.G.S. 1975
T East-West, 500 feet above ground, 1 mile—U.S.G.S. 1977f	VV East-West, 500 feet above ground, 1 mile—U.S.G.S. 1976a
U East-West, 1,000 feet above ground, 1 mile—U.S.G.S. 1974	WW NW-SE, 500 feet above ground, 1 mile—U.S.G.S. 1976b
V East-West, 400 feet above ground, ½ mile—U.S.G.S. 1973 a, b, c, d, e, f	XX NW-SE, 500 feet above ground, 1 mile—U.S.G.S. 1977c
W East-West, 500 feet above ground, 1 mile—U.S.G.S. 1976b	YY NW-SE, 500 feet above ground, 1 mile—U.S.G.S. 1979c
X East-West, 500 feet above ground, 1 mile—U.S.G.S. 1977c	ZZ East-West, 500 feet above ground, 1 mile—U.S.G.S. 1978c
Y East-West, 500 feet above ground, 1 mile—U.S.G.S. 1978b	AAA NW-SE, 400 meters, 3.2 kilometers—Kilgord and Behrendt, 1977
Z East-West, 500 feet above ground, 1 mile—U.S.G.S. 1976c	BBB NW-SE, 3,500 feet barometric, 1 and 2 mile—TVA 1979
AA East-West, 500 feet above ground, 1 mile—U.S.G.S. 1978d	CCC East-West, 1,000 feet above ground, 1 mile—TVA 1979
BB East-West, 500 feet above ground, 1 mile—U.S.G.S. 1977g	

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EXPLANATION



MAGNETIC CONTOURS
Showing total intensity magnetic field of the earth in hundreds of gammas relative to an arbitrary datum. Main magnetic field of the earth, from Fabiano and Peddie (1969), has been removed. Contour interval 100 and 200 gammas.



AEROMAGNETIC MAP OF PART OF THE SOUTHEASTERN UNITED STATES

By
Isidore Zietz and Francis P. Gilbert

1980