وزارة الداخلية
مصلحة المساحة الجيولوجية الأمريكية
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

المملكة العربية السعودية
وزارة البترول والثروة المعدنية
KINGDOM OF SAUDI ARABIA
MINISTRY OF PETROLEUM AND MINERAL RESOURCES

أبحاث جيولوجية مختلفة
خريطة رقم I-٢١٥ B
MISCELLANEOUS GEOLOGIC INVESTIGATIONS
MAP I-215 B

W(500)

اصطلاحات الخريطة — MAP LEGEND

POPULATED PLACES — الأماكن الآهلة بالسكان
- Town or village — بلدة أو قرية
- Semi-permanent Village (Occupied mainly in hot season) — قرية (محضر) يقام فيها وقت القيظ
- Fort — حصن أو قلعة

TRANSPORTATION — طرق المواصلات
- Major road, unpaved — طريق رئيسية غير معبدة
- Secondary road — طريق اعتيادية
- Landing field — أرض للنزول

HYDROGRAPHIC FEATURES — الأوصاف الهيدروغرافية
Only isolated wells are shown
- Dug well — بئر محفورة باليد
- Drilled water well — بئر ماء محفورة بآلة الحفر
- Dahl (see glossary) — دحل
- Intermittent stream — جدول متقطع
- Sabkhah — سبخة
- Silt flat — سهلة من الطمي

HYPSOGRAPHIC FEATURES — الأوصاف الهيبسوغرافية
- Generalized relief — ارتفاع عمومي
- Prominent topographic features — أماكن طوبوغرافية مرتفعة
- Sand — الرمل

Dense stipple represents mobile sand cover consisting primarily of dunes, linear ridges, and other individual sand forms, that are shown where map scale permits; moderately dense stipple represents more stabilized continuous sand cover; open stipple represents discontinuous sand cover.

Types of sand terrain — أنواع الأراضي الرملية

I — Transverse. *Predominantly simple and compound barchan dunes in areas of more mobile sand, and/or simple rounded ridges, both oriented transverse to the prevailing wind direction.*

II — Longitudinal. *Primarily dikākah and various types of undulating sand sheets, in general characterized by elongation of the individual topographic forms parallel to the prevailing wind direction, often partially stabilized by sparse vegetation.*

III — 'Urūq. *Various forms of long, nearly parallel, sharp crested narrow sand ridges and dune chains separated by broad sand valleys usually including elements of type I sand terrain. These are the resultant of a system of two dominant wind directions and are identical to the sayf dunes of North Africa.*

IV — "Sand mountains." *Dominated by large sand massifs commonly cresting 50 to 300 meters above the substratum, often with super-imposed dune patterns consisting of various types of complex barchans. Common forms are giant barchans spanning several kilometers from horn to horn; giant bisigmoidal and pyramidal sand peaks as well as other less common peak forms; and giant oval to elongate sand mounds.*

MISCELLANEOUS FEATURES — أوصاف مختلفة
- Spot elevation (× 200 meters) — علامة ارتفاع
- Date gardens — جنائن نخل

INDEX MAP OF ARABIAN PENINSULA

إيضاحات — GLOSSARY

عين	'Ayn	Spring, solution pit, or well
دحل	Daḥl	Deep sink hole or solution cavity
درب	Darb	Road or trail
حفير	Ḥufayr	Very shallow well
جبل تصغير جبيل	Jabal; dim., Jubayl	Hill or mountain
جو	Jaww	Pronounced sandy-bottom depression or basin with gentle slopes
جدة	Jiddah (t)	Relatively flat and featureless hard ground
جفر	Jufr	Shallow well
خور تصغير خوير ج خيران	Khawr; dim, Khuwayr., pl., Khīrān	Salty or brackish well, saline bay or inlet
محضر	Maḥḍar	Semi-permanent village or settlement of palm-branch dwellings, often seasonal
نقا	Niqā	Isolated, large prominent sand dune
قرن ج قرون	Qarn; pl., Qurūn	Prominent mountain front
رملة	Ramlah (t)	Sand area
سبخة	Sabkhah (t)	Silt, clay, and sand flats, often with saline incrustations
شقة	Shaqqah (t)	Valley or depression between 'urūq
شعبة	Shu'bah (t)	Same as wādī, usually smaller
وادي تصغير ودي	Wādī; dim., Wudayy	Valley or dry water course

مصادر المجموعات الأساسية — SOURCES OF BASE COMPILATION

Compilation and topographic representation by the Arabian American Oil Company from: A, sources compiled by photoplanimetric methods; B, controlled aerial photographic surveys, 1956-57, supplemented by ground surveys; C, Semi-controlled aerial photographic surveys and recompilation from various published sources partly modified and amended from reconnaissance ground surveys; and D, recompilation from various published sources partly modified and amended from reconnaissance ground surveys. Topographic representation by L. A. Castro and G. H. Hargrove, Arabian American Oil Company. Translation, transliteration, calligraphy and Arabic typography by S. H. Kfoury, C. D. Matthews and M. H. Kfoury.

A		
B	C	D

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Prepared by the U. S. Geological Survey and the Arabian American Oil Company under the joint sponsorship of the Kingdom of Saudi Arabia and the U. S. Department of State.

Lambert conformal conic projection; standard parallels 17° and 33°

GEOGRAPHIC MAP OF THE EASTERN RUB AL KHALI QUADRANGLE, KINGDOM OF SAUDI ARABIA

By
Edward L. Elberg, Ruel D. Gierhart and Leon F. Ramirez

خريطة جغرافية للوحة الربع الخالي الشرقي بالمملكة العربية السعودية
وضع
ادوارد المبورغ وروئيل جيرهارت وليون راميرز

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