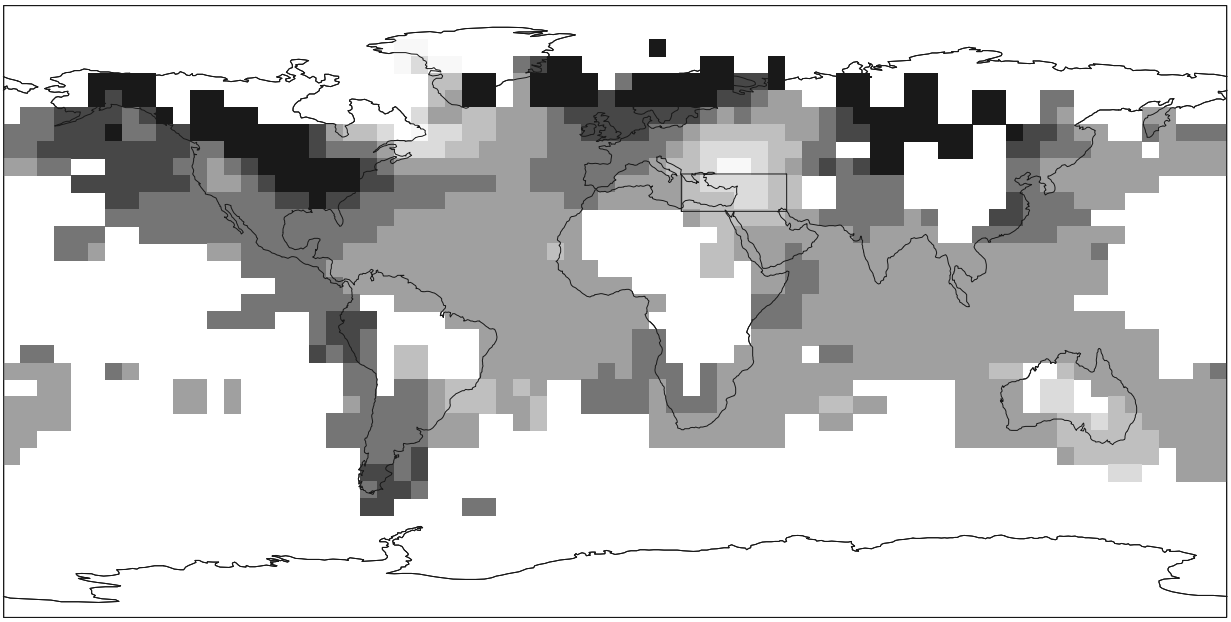1830 TEMPERATURE ANOMALY PATTERN