## Line of sight


(Not drawn to scale)


Zenith ${ }^{\frac{3}{M} / 2}$ Polaris



Length of Growing Season (in days)






North Pole


## North Pole




> Polar view








$$
\begin{gathered}
\text { Equatorial } \\
\text { view }
\end{gathered}
$$



At Equator


## At New Orleans, Louisiana




At North Pole

## To Polaris $\uparrow$












$$
{ }^{8600} \frac{\square}{\mathbf{Y}}
$$




## 500

$\Phi$

## 400 <br> 300 <br> 


200
A
B
Distance (mi)

## 500


400
Distance (mi)





kilometers 0
1 2 3 4 5 6 7 7 8 910











|  | 1 | 1 | 1 | 1 | 1 |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 |

Contour interval $=20$ feet


|  | 1 | 1 | 3 miles |
| :--- | :--- | :--- | :--- |



Contour interval $=100 \mathrm{~m}$


## Ocean





## Map A



## Map B


$0 \quad 0.1 \quad 0.2 \quad 0.3$ mile



N

## Scale of Miles

Contour interval: 20 feet





Contour interval $=20 \mathrm{ft}$

| 0 |
| :---: |





$\underset{\uparrow}{\mathrm{N}}$



Topographic Map


Contour interval $=20$ feet

$$
\begin{array}{l|l|l|l|l|l}
\hline & 1 & 1 & 1 & 1 & \\
0 & 2 & & 4 & 6 \text { miles }
\end{array}
$$





