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## WASHOVER FANS

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### Synonyms

Event deposits; Overwash deposits; Storm deposits;  
Washovers; Wave deltas

### Definition

Washover fans, termed by Price (1947), are plume-  
to lobate-shaped backshore sandy deposits that form  
as the result of storm overwash. They can range in  
thicknesses from millimeters to meters and widths  
from several meters to kilometers and typically form  
behind or adjacent to sandy barrier islands, strandplains,  
and shoreface deposits. Fans consist of landward-  
dipping sand sheets that typically interfinger with finer-  
grained back-barrier sediments. Washover fans are  
found in modern and ancient sedimentary settings.

### Bibliography

Price, W. A., 1947. Equilibrium of form and forces in tidal basins of  
coast of Texas and Louisiana. *American Association of Petro-  
leum Geologists Bulletin*, **31**, 1619–1663.

### Cross-references

[Overwash](#)  
[Washovers](#)

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## WASHOVERS

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### Synonyms

Event deposits; Overwash deposits; Storm deposits;  
Washover fans; Wave deltas

### Definition

Washovers, termed by Lobeck (1939), are resultant  
backshore sandy deposits formed by the process of  
overwash during storms.

### Bibliography

Lobeck, A. K., 1939. *Geomorphology and Introduction to the Study  
of Landscapes*. New York: McGraw-Hill.

### Cross-references

[Overwash](#)  
[Washover Fans](#)

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## WATER CLARITY

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### Definition

Water clarity is defined as the depth to which light  
penetrates water and refers to the transparency or clearness