

1946 Vincent Schaefer  
cloud seeding (rain  
enhancement)

1950  
Weather Modification Control Research  
Association  
(Weather Modification Association, WMA)

300  
(NCAR) 100  
( Thomas DeFelice  
4 20 ~27  
(Reno) WMA

downwind

seeding( ) “  
” “ (AgI) ” “ hygroscopic  
가 seeding 가  
(silver iodide) (static seeding)  
(dynamic seeding)

30 ~1

(target area)

CCN

upwind downwind

( : 1)

10 가  
cloud seeding  
(cloud ice nuclei, CCN)  
30  
CCN  
Bigg(1988)  
seeding 2

seeding

downwind

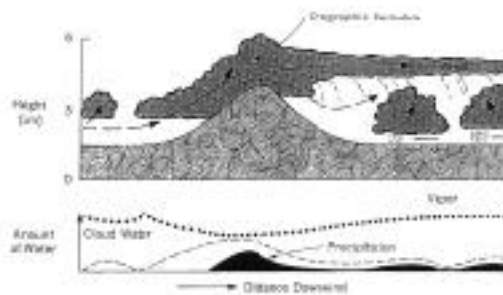


Fig 1. Downwind

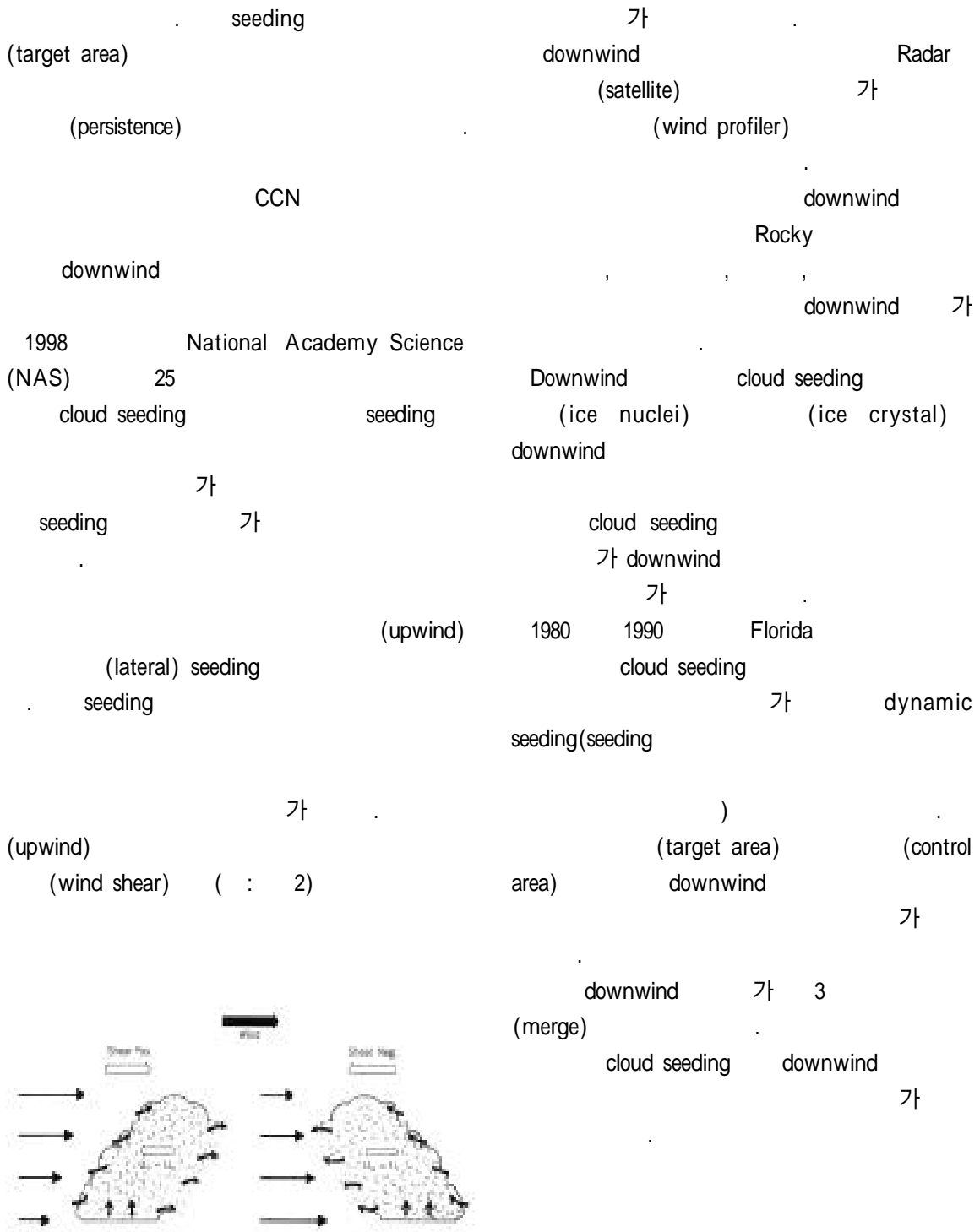


Fig 2.

(wind shear)