

Mass balance in a mountainous watershed

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We studied the annual variation of the chemistry of precipitation and stream water in a mountainous watershed. We reported the seasonal variation of the ion deposition and ion discharge in a mountainous watershed. The ion concentration of stream water in a mountainous watershed was always changeably, decreasing in cold seasons and increasing in warm seasons. The drop in concentration during the snowmelt season was remarkable. Although the concentration drop of stream water was also temporarily observed in flooding during warm seasons, relatively long drops were observed in cold seasons.